

Data File : VX003725.D
Acq On : 30 Jul 2018 15:59
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Jul 31 05:24:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	104327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	146363	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	127123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5074	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	
35) Dibromofluoromethane	5.50	113	4239	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
50) Toluene-d8	8.71	98	18971	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
62) 4-Bromofluorobenzene	11.14	95	7018	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	4973	5.648	ug/l	91
3) Chloromethane	1.32	50	5989	5.411	ug/l	98
4) Vinyl Chloride	1.40	62	6575	5.522	ug/l #	88
5) Bromomethane	1.64	94	4381	6.112	ug/l	89
6) Chloroethane	1.71	64	5099	6.085	ug/l	93
7) Trichlorofluoromethane	1.92	101	8939	8.286	ug/l	92
8) Diethyl Ether	2.19	74	2969	5.032	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5564	5.618	ug/l	95
10) Methyl Iodide	2.51	142	5220	4.584	ug/l	99
11) Tert butyl alcohol	3.07	59	4453	26.063	ug/l	99
12) 1,1-Dichloroethene	2.37	96	5174	5.128	ug/l	93
13) Acrolein	2.29	56	1852	33.132	ug/l	97
14) Allyl chloride	2.72	41	8283	5.011	ug/l	97
15) Acrylonitrile	3.15	53	10744	24.727	ug/l	97
16) Acetone	2.45	43	10360	25.705	ug/l	96
17) Carbon Disulfide	2.57	76	18461	6.085	ug/l	98
18) Methyl Acetate	2.78	43	5939	5.244	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	11072	4.362	ug/l	92
20) Methylene Chloride	2.86	84	8888	7.193	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	5733	5.611	ug/l	98
22) Diisopropyl ether	3.87	45	14208	4.761	ug/l	95
23) Vinyl Acetate	3.82	43	45191	20.998	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9103	5.231	ug/l	96
25) 2-Butanone	4.70	43	13664	23.257	ug/l	97
26) 2,2-Dichloropropane	4.59	77	7133	5.204	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	5845	5.308	ug/l	89
28) Bromochloromethane	5.02	49	3858	4.942	ug/l #	94
29) Tetrahydrofuran	5.15	42	8635	23.062	ug/l	97
30) Chloroform	5.21	83	8624	5.029	ug/l	89
31) Cyclohexane	5.57	56	8764	5.214	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	7219	4.898	ug/l	98
36) 1,1-Dichloropropene	5.79	75	7672	5.597	ug/l	98
37) Ethyl Acetate	4.85	43	4823	4.581	ug/l	98
38) Carbon Tetrachloride	5.78	117	6778	5.346	ug/l	93

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Jul 31 05:24:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	8985	5.339	ug/l	97
40) Benzene	6.15	78	19556	4.979	ug/l	98
41) Methacrylonitrile	5.05	41	2725	4.592	ug/l	95
42) 1,2-Dichloroethane	6.20	62	5477	4.617	ug/l	98
43) Isopropyl Acetate	6.46	43	7050	4.202	ug/l	98
44) Trichloroethene	7.21	130	6390	5.703	ug/l	94
45) 1,2-Dichloropropane	7.52	63	4540	4.700	ug/l	94
46) Dibromomethane	7.66	93	2668	4.793	ug/l	97
47) Bromodichloromethane	7.90	83	4922	4.437	ug/l	97
48) Methyl methacrylate	7.77	41	3436	4.083	ug/l	98
49) 1,4-Dioxane	7.76	88	1541	90.733	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	21125	20.490	ug/l	97
52) Toluene	8.79	92	12588	5.138	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	5492	4.335	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	6096	4.317	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	3754	4.452	ug/l	97
56) Ethyl methacrylate	9.18	69	4605	3.976	ug/l	99
57) 1,3-Dichloropropane	9.37	76	6447	4.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	11444	20.652	ug/l	98
59) 2-Hexanone	9.50	43	15912	20.259	ug/l	97
60) Dibromochloromethane	9.59	129	3487	4.106	ug/l	100
61) 1,2-Dibromoethane	9.68	107	3824	4.441	ug/l	97
64) Tetrachloroethene	9.34	164	5662	5.666	ug/l	98
65) Chlorobenzene	10.14	112	14095	5.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	4043	4.667	ug/l	97
67) Ethyl Benzene	10.26	91	23180	5.168	ug/l	100
68) m/p-Xylenes	10.36	106	17814	10.152	ug/l	97
69) o-Xylene	10.70	106	7852	4.819	ug/l	95
70) Styrene	10.71	104	12527	4.570	ug/l	98
71) Bromoform	10.86	173	2380	3.996	ug/l #	92
73) Isopropylbenzene	11.02	105	22946	5.318	ug/l	99
74) N-amyl acetate	6.46	43	7050	5.137	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	5252	4.682	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	5638	5.935	ug/l	85
77) Bromobenzene	11.26	156	5830	5.183	ug/l	98
78) n-propylbenzene	11.36	91	28564	5.464	ug/l	98
79) 2-Chlorotoluene	11.42	91	16132	5.436	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	19189	4.559	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	1306	4.072	ug/l	93
82) 4-Chlorotoluene	11.51	91	19663	5.462	ug/l	100
83) tert-Butylbenzene	11.77	119	18686	5.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	19718	5.201	ug/l	98
85) sec-Butylbenzene	11.95	105	24935	5.350	ug/l	100
86) p-Isopropyltoluene	12.07	119	22323	5.974	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	12521	5.502	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	13069	5.629	ug/l	95
89) n-Butylbenzene	12.39	91	21311	5.286	ug/l	99
90) Hexachloroethane	12.60	117	3168	5.037	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	10997	5.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	916	4.115	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
Quantitation Report (Not Reviewed)

Data File : VX003725.D
Acq On : 30 Jul 2018 15:59
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 31 05:24:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8458	5.031	ug/l	98
94) Hexachlorobutadiene	13.79	225	5740	5.339	ug/l	98
95) Naphthalene	13.83	128	15089	4.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	7139	4.678	ug/l	97

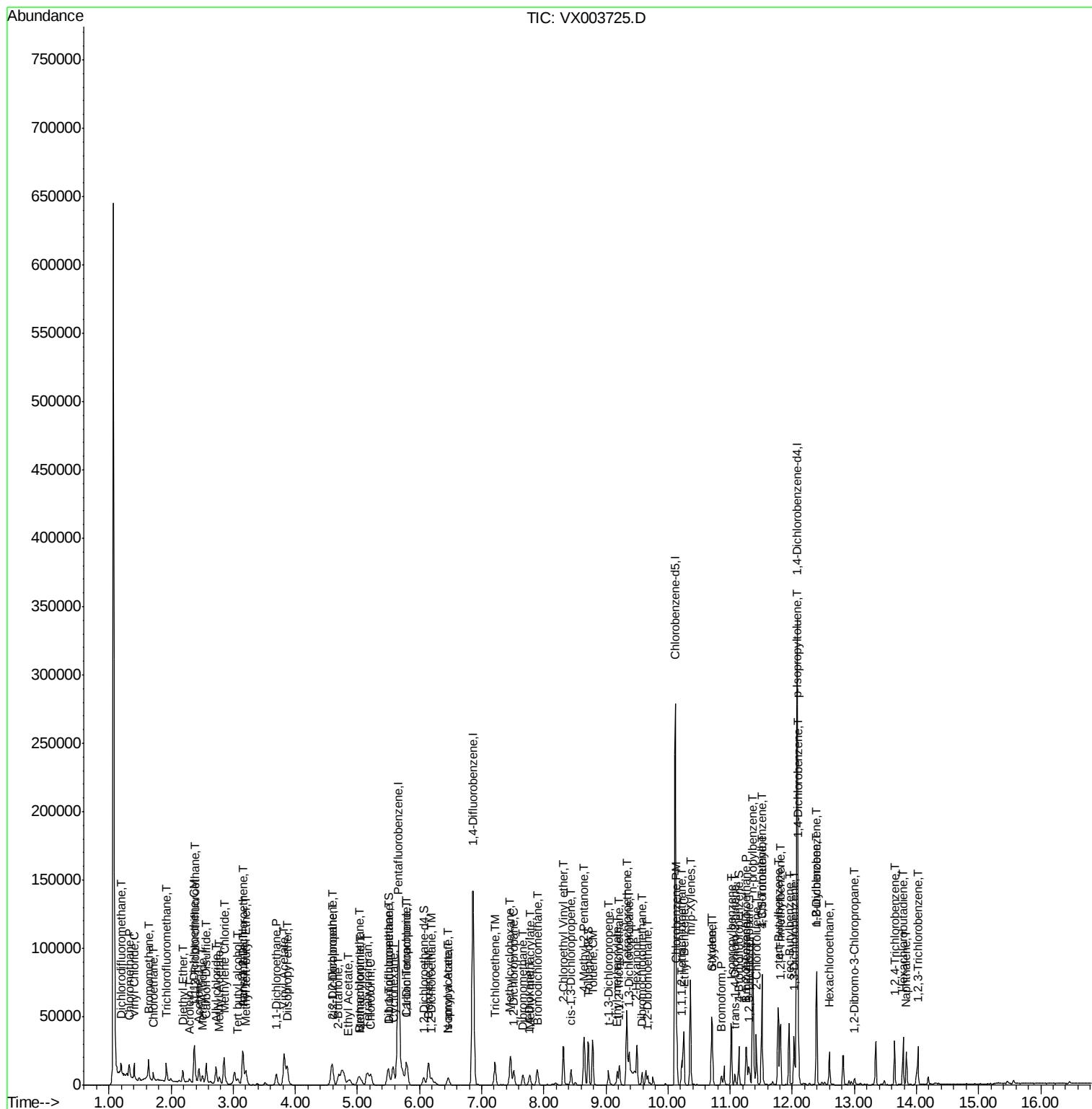
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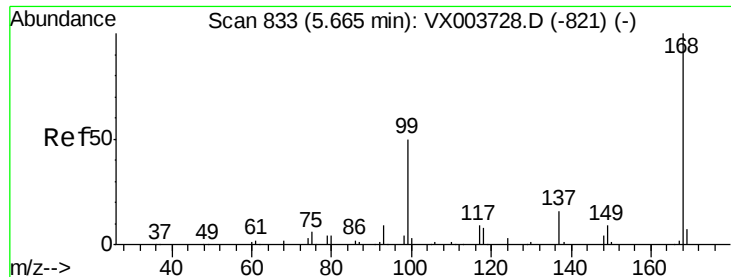
Data File : VX003725.D

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Acq On      : 30 Jul 2018   15:59
Operator    : JC/SP
Sample      : VSTDIC005
Misc       : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial    : 2      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Jul 31 05:24:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

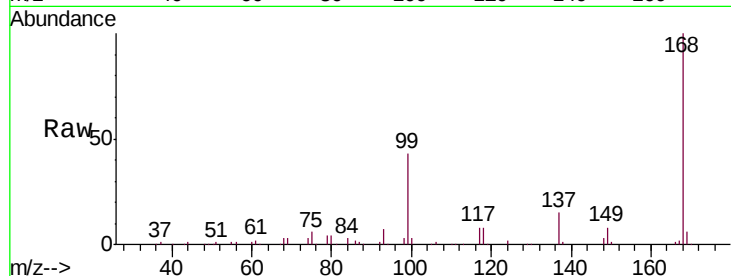
VSTDIC005

Tgt Ion:168 Resp: 104327

Ion Ratio Lower Upper

168 100

99 43.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

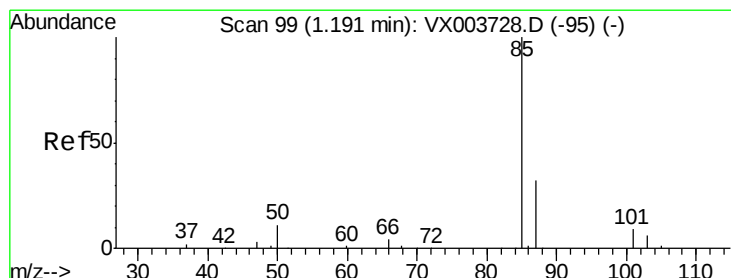
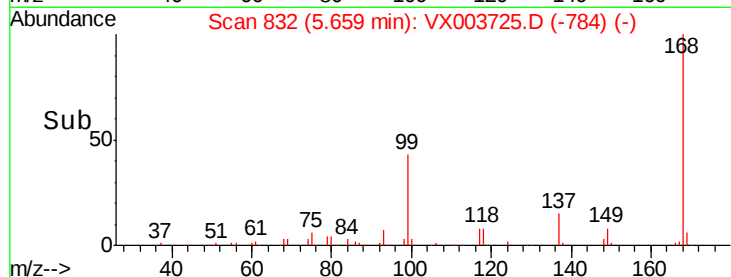
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.648 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003725.D

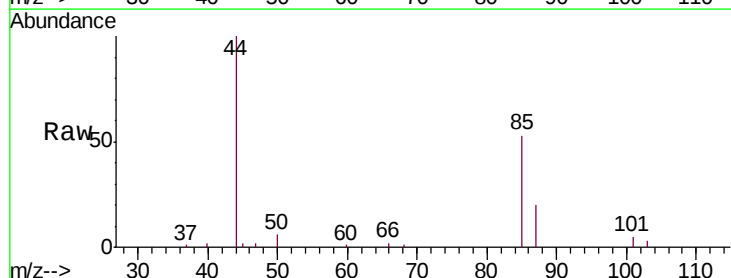
Acq: 30 Jul 2018 15:59

Tgt Ion: 85 Resp: 4973

Ion Ratio Lower Upper

85 100

87 36.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

5000

4000

3000

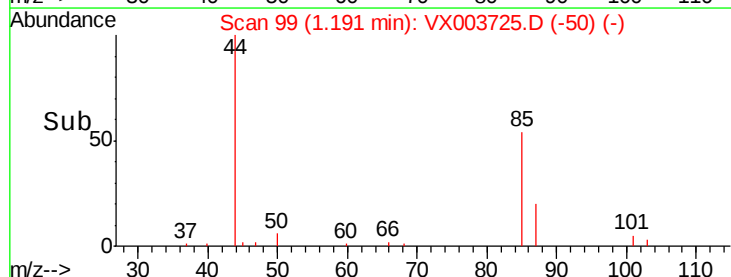
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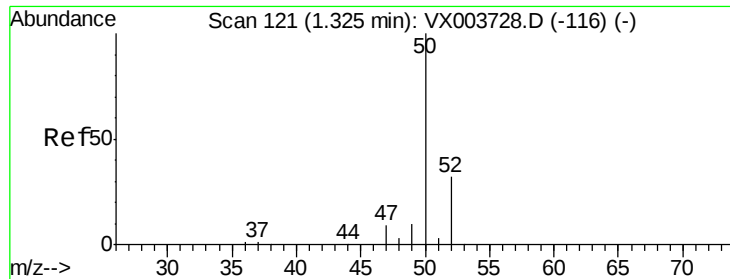
1000

0

1.15 1.20 1.25

Time-->

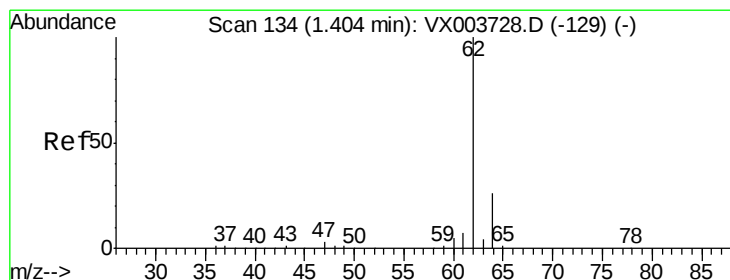
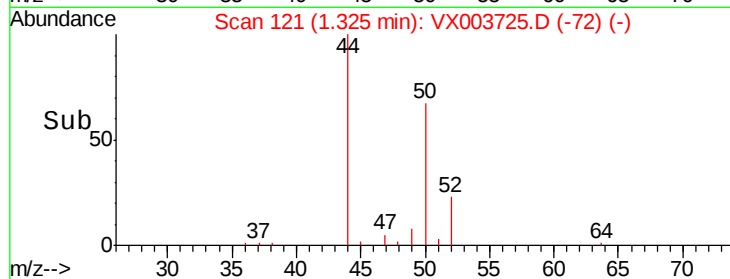
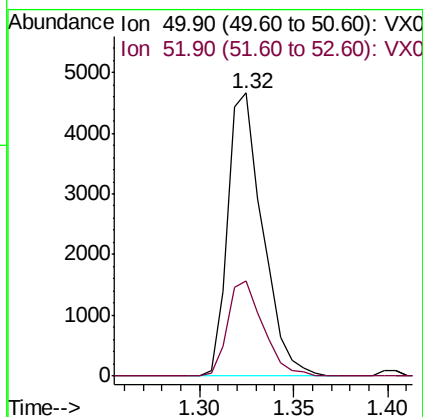
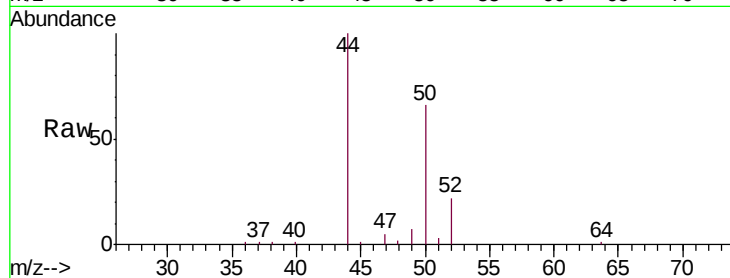




#3
Chloromethane
Concen: 5.411 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

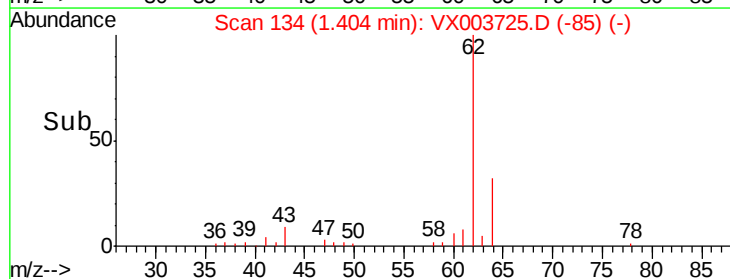
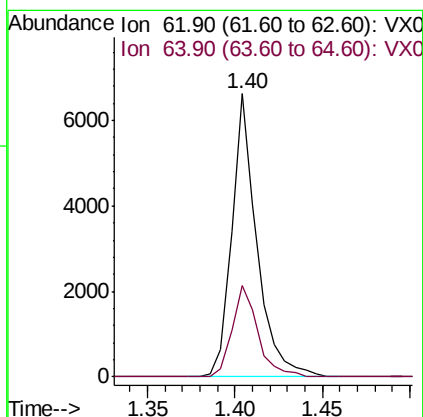
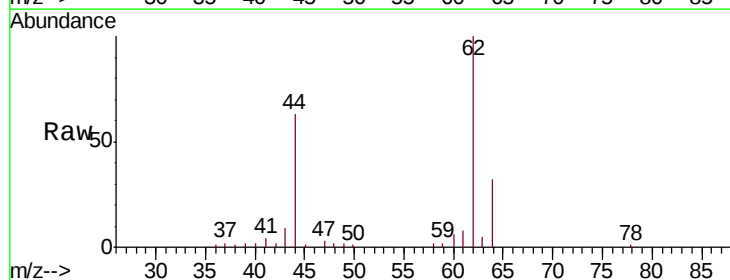
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

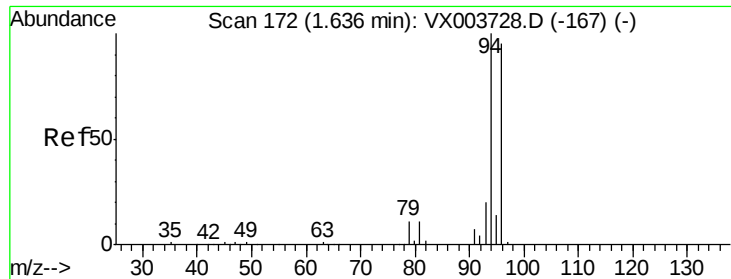
Tgt Ion: 50 Resp: 5989
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 5.522 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 62 Resp: 6575
Ion Ratio Lower Upper
62 100
64 32.3 21.0 31.4#





#5

Bromomethane

Concen: 6.112 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

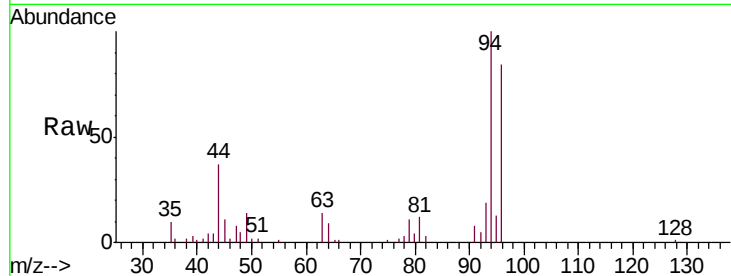
VSTDIC005

Tgt Ion: 94 Resp: 4381

Ion Ratio Lower Upper

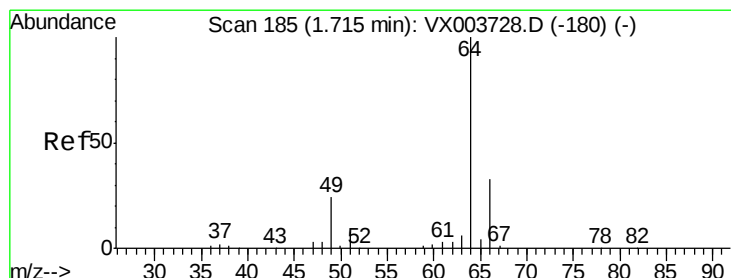
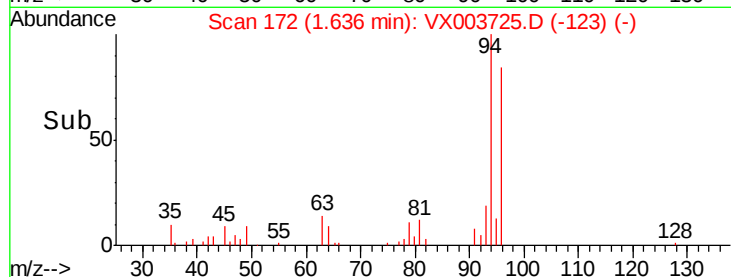
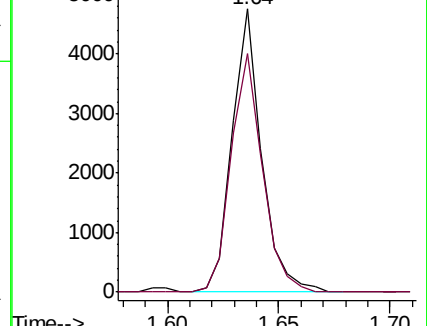
94 100

96 84.5 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.085 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003725.D

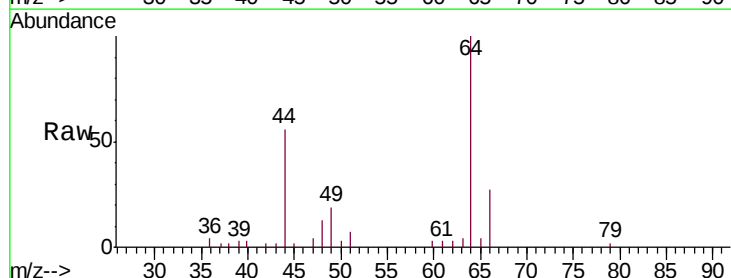
Acq: 30 Jul 2018 15:59

Tgt Ion: 64 Resp: 5099

Ion Ratio Lower Upper

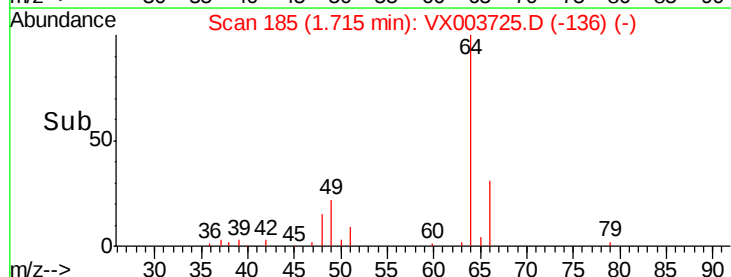
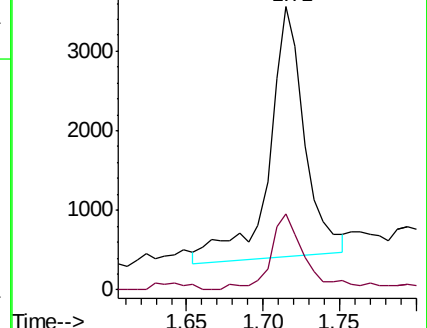
64 100

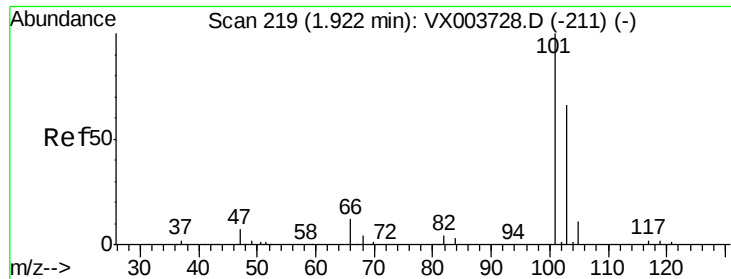
66 28.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



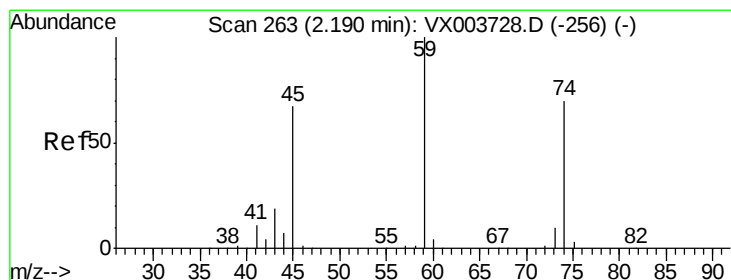
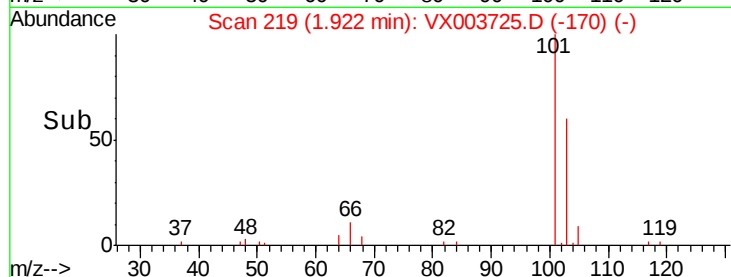
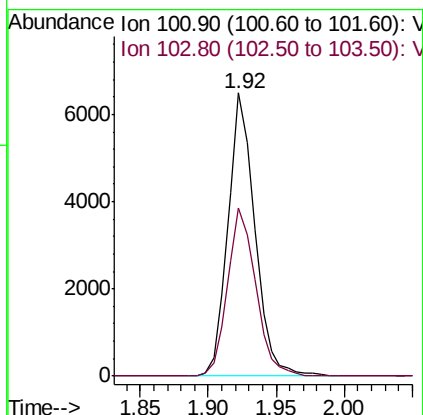
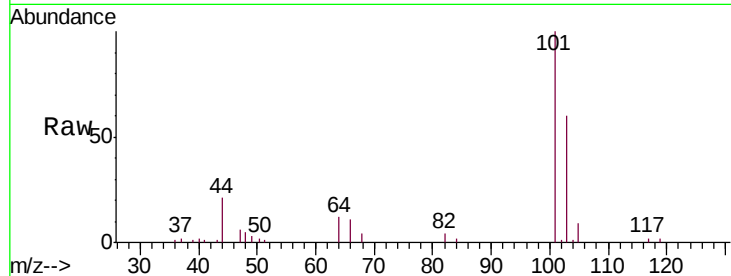


#7

Trichlorofluoromethane
 Concen: 8.286 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

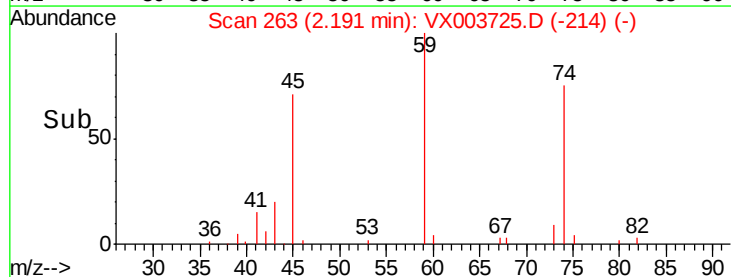
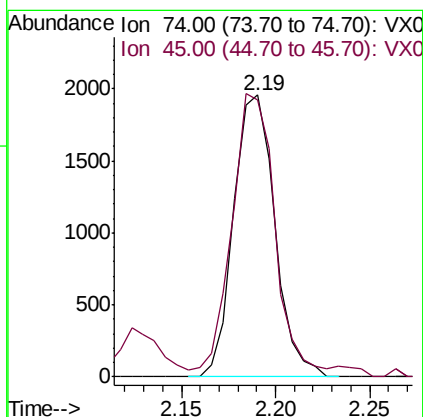
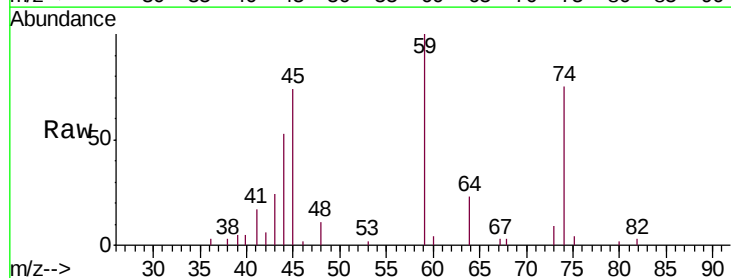
Tgt Ion: 101 Resp: 8939
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.6 78.8

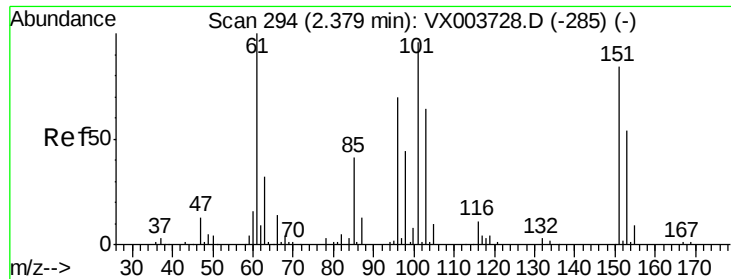


#8

Diethyl Ether
 Concen: 5.032 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion: 74 Resp: 2969
 Ion Ratio Lower Upper
 74 100
 45 100.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.618 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

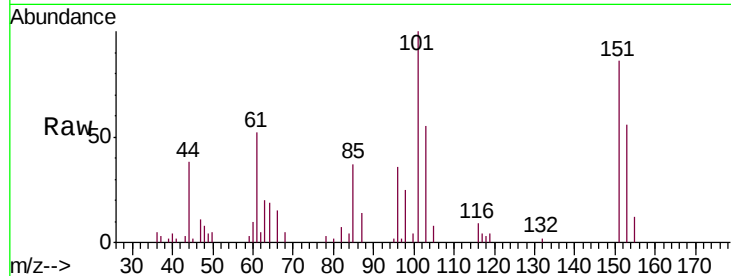
Tgt Ion:101 Resp: 5564

Ion Ratio Lower Upper

101 100

85 44.3 33.3 49.9

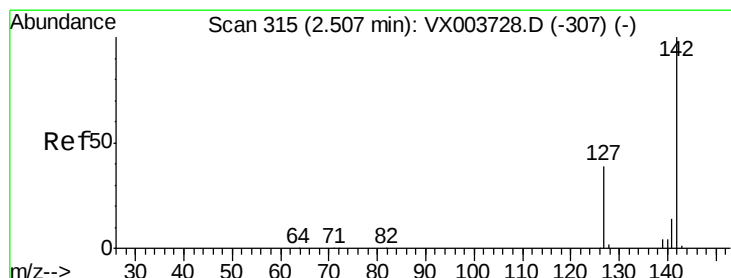
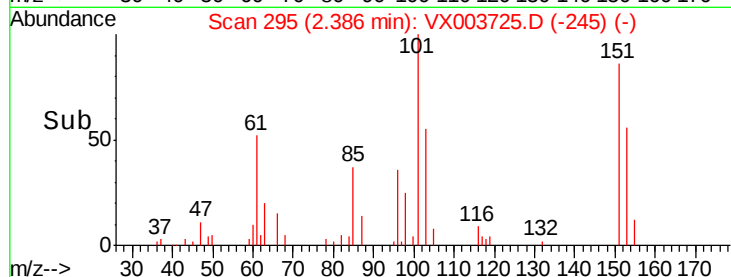
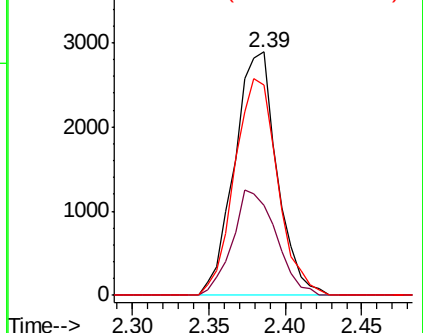
151 90.5 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.584 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

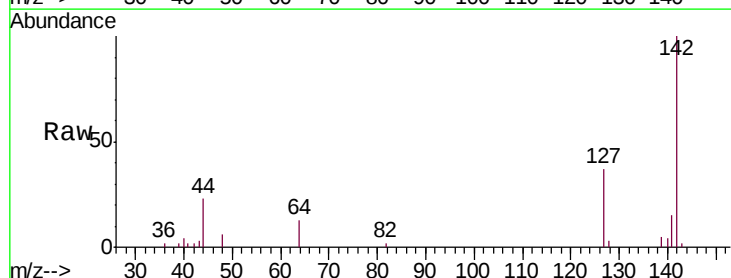
Tgt Ion:142 Resp: 5220

Ion Ratio Lower Upper

142 100

127 39.4 32.0 48.0

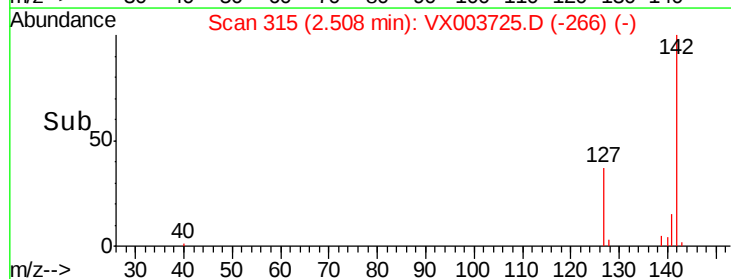
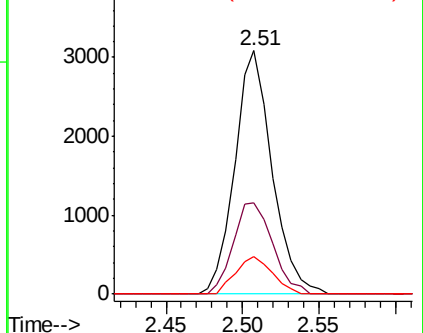
141 14.9 11.3 16.9

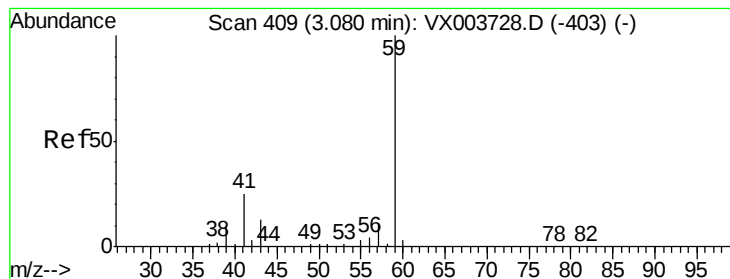


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



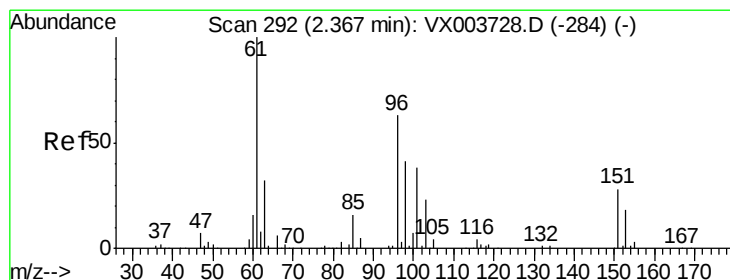
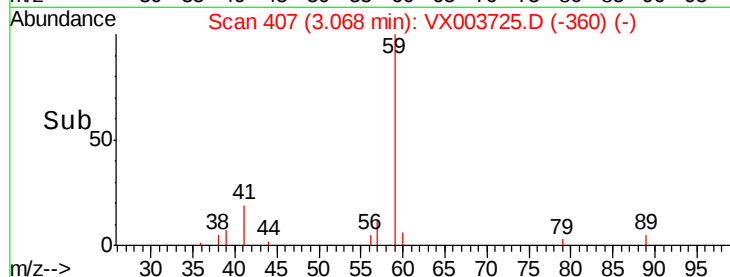
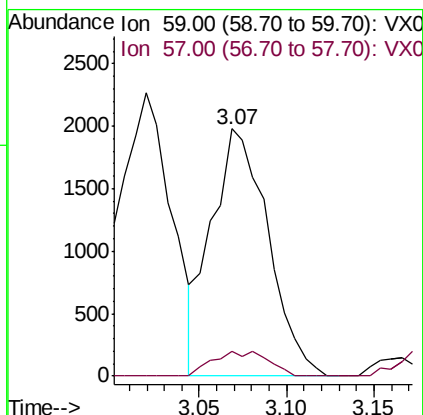
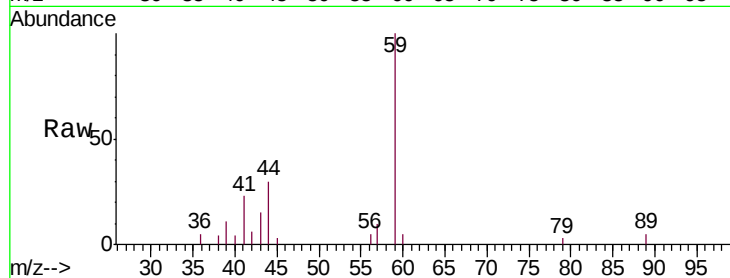


#11

Tert butyl alcohol
 Concen: 26.063 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

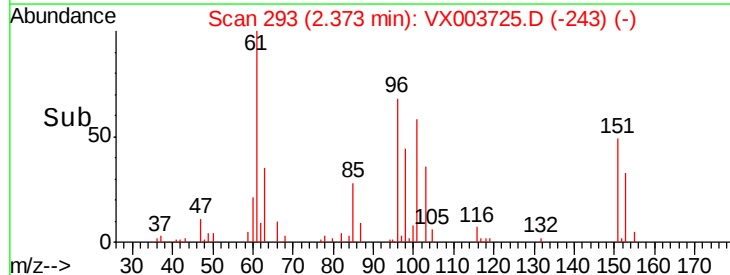
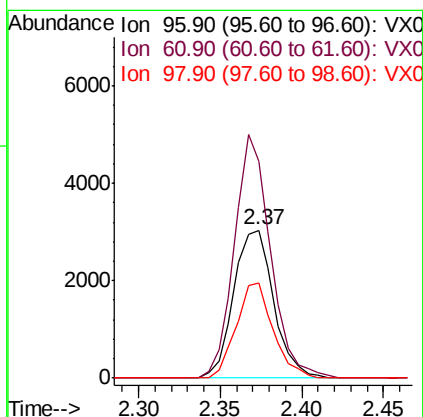
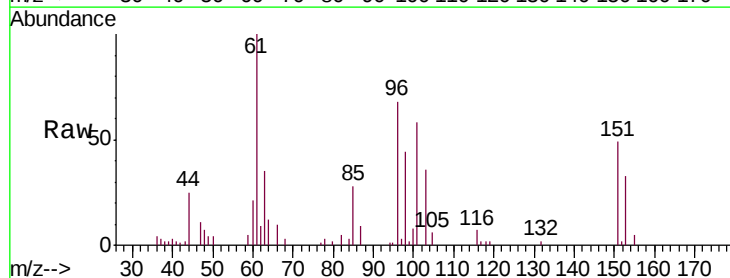
Tgt Ion: 59 Resp: 4453
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

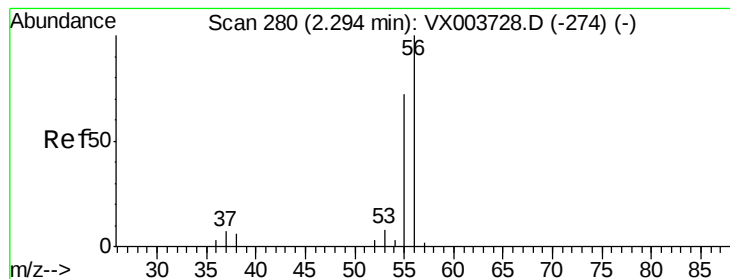


#12

1,1-Dichloroethene
 Concen: 5.128 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion: 96 Resp: 5174
 Ion Ratio Lower Upper
 96 100
 61 146.7 127.1 190.7
 98 64.2 52.0 78.0





#13

Acrolein

Concen: 33.132 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

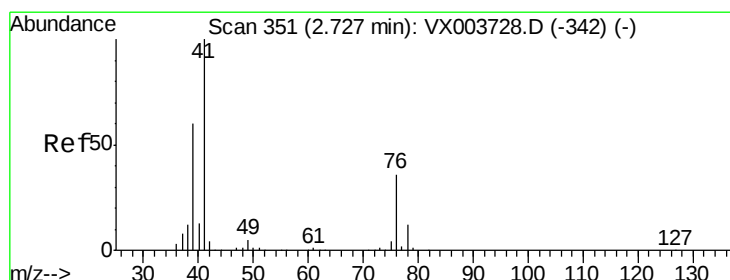
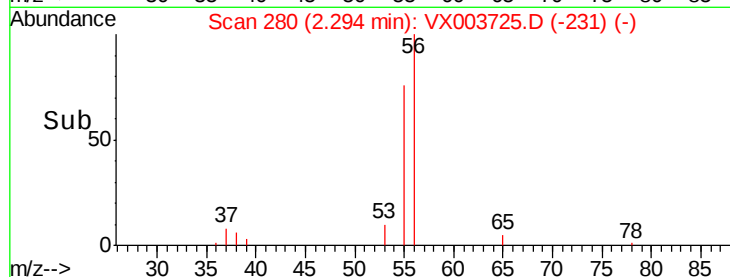
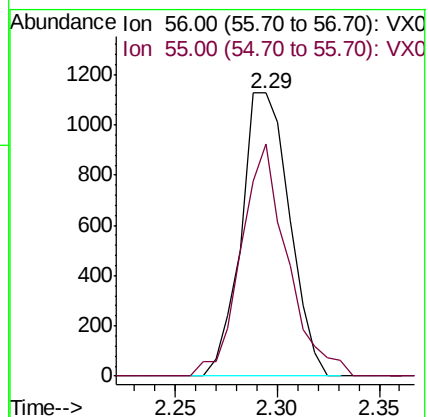
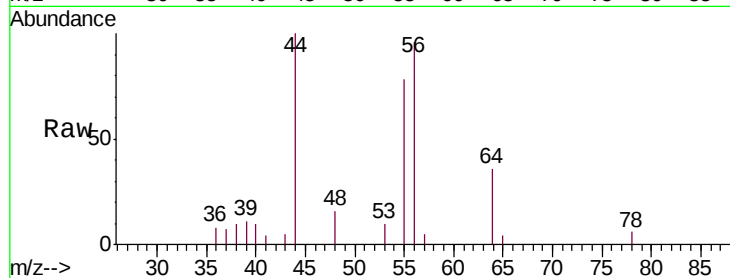
VSTDIC005

Tgt Ion: 56 Resp: 1852

Ion Ratio Lower Upper

56 100

55 78.9 61.4 92.0



#14

Allyl chloride

Concen: 5.011 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

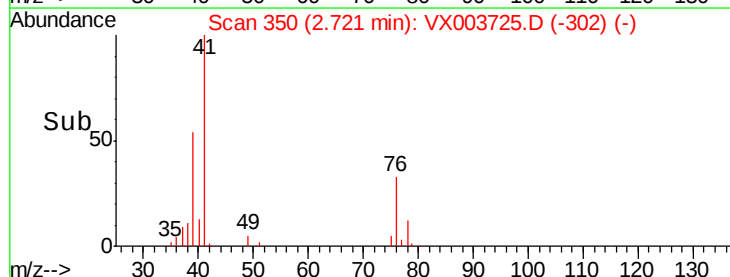
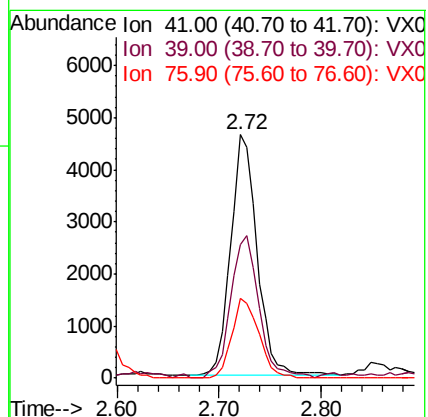
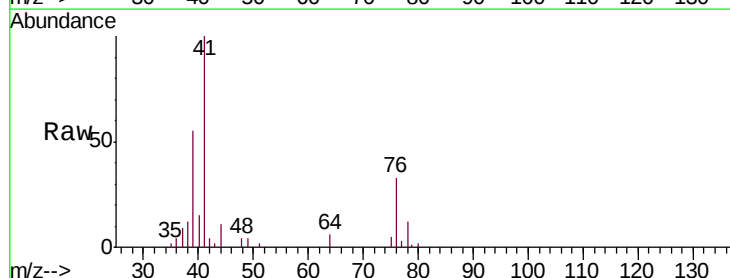
Tgt Ion: 41 Resp: 8283

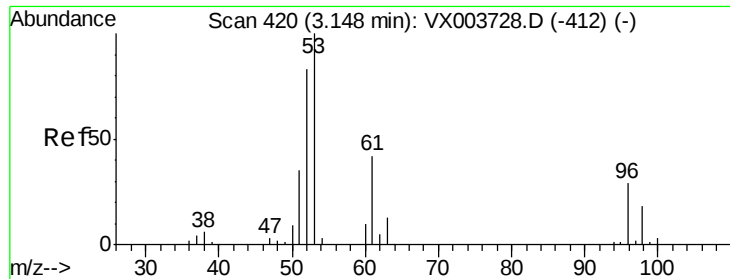
Ion Ratio Lower Upper

41 100

39 63.0 47.7 71.5

76 33.6 27.0 40.6





#15

Acrylonitrile

Concen: 24.727 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

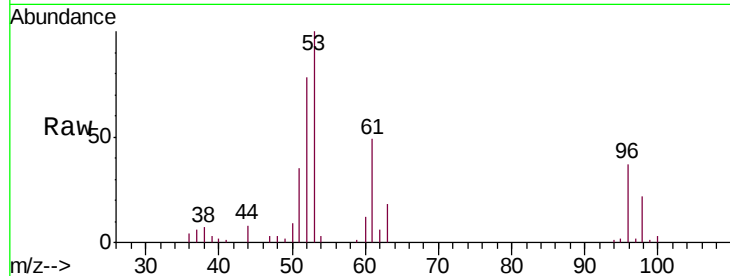
Tgt Ion: 53 Resp: 10744

Ion Ratio Lower Upper

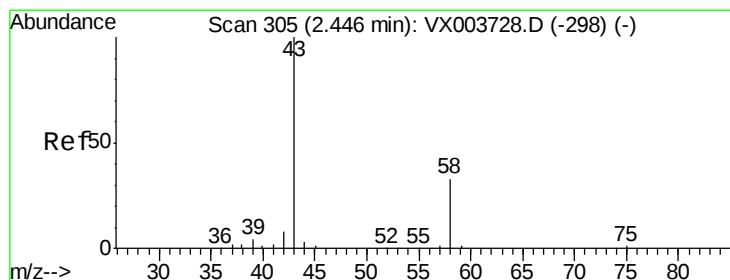
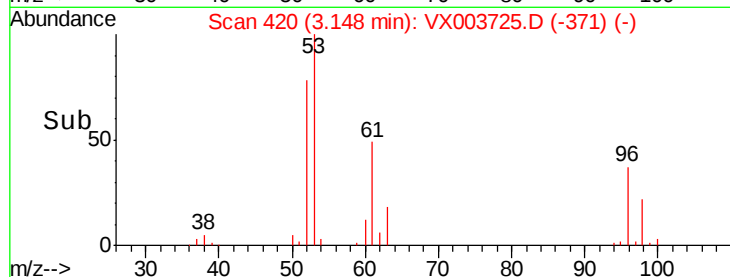
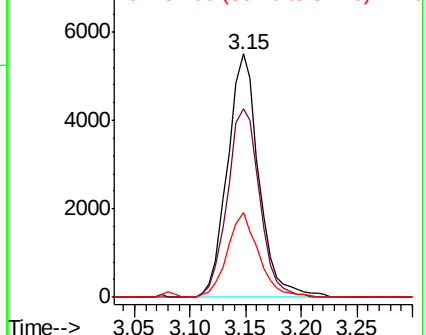
53 100

52 79.5 66.2 99.2

51 34.8 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 25.705 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003725.D

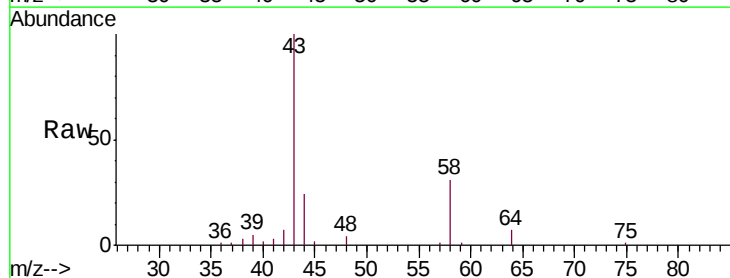
Acq: 30 Jul 2018 15:59

Tgt Ion: 43 Resp: 10360

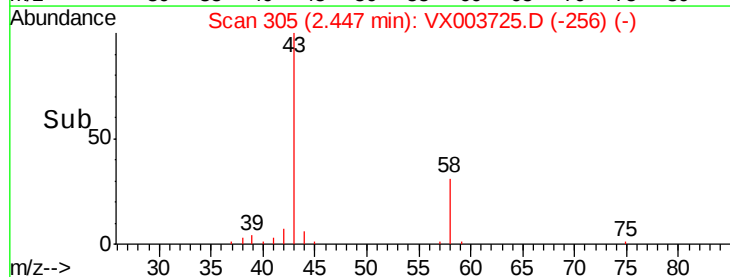
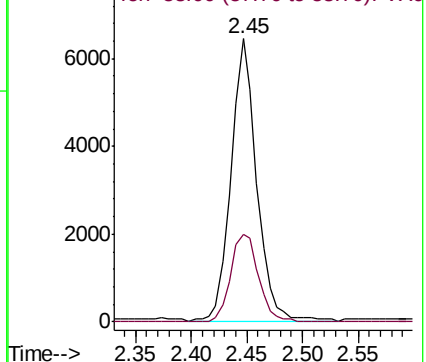
Ion Ratio Lower Upper

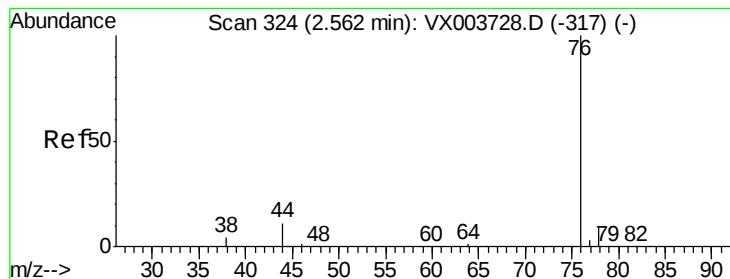
43 100

58 31.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 6.085 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

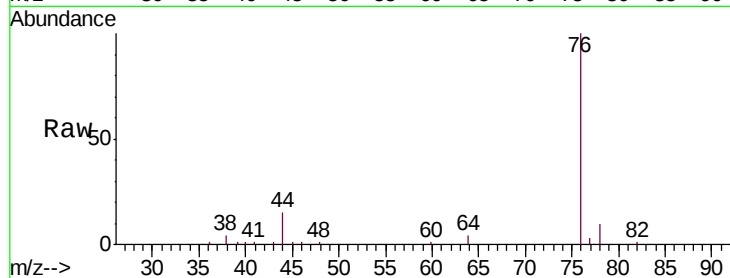
VSTDIC005

Tgt Ion: 76 Resp: 18461

Ion Ratio Lower Upper

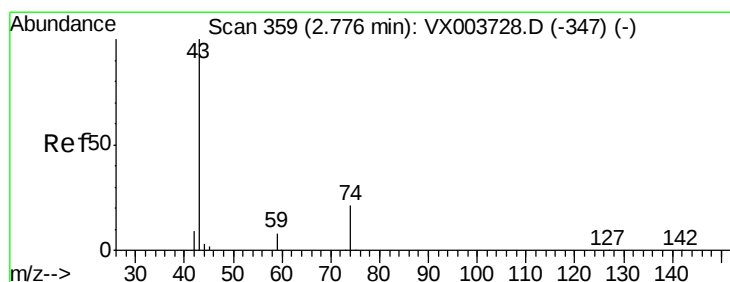
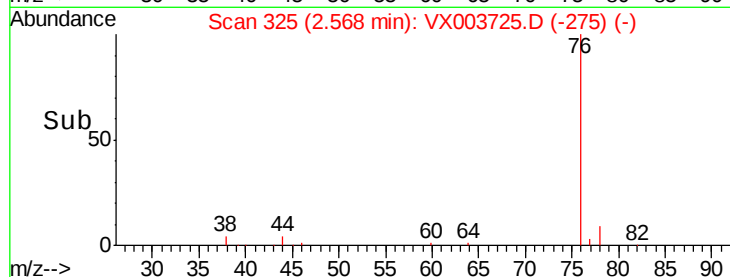
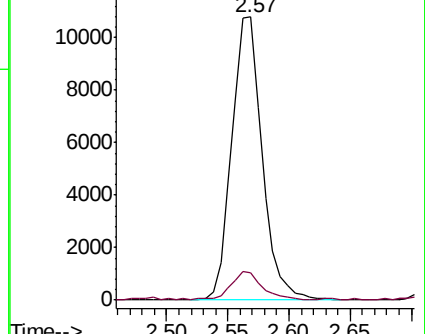
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 5.244 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003725.D

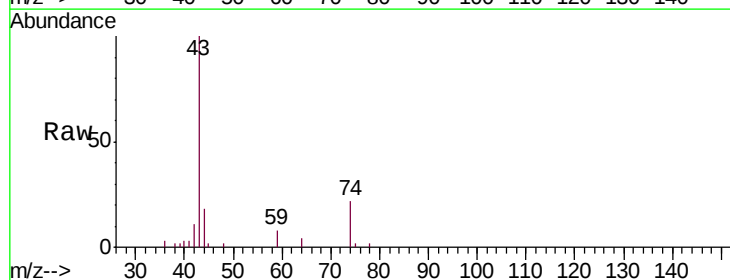
Acq: 30 Jul 2018 15:59

Tgt Ion: 43 Resp: 5939

Ion Ratio Lower Upper

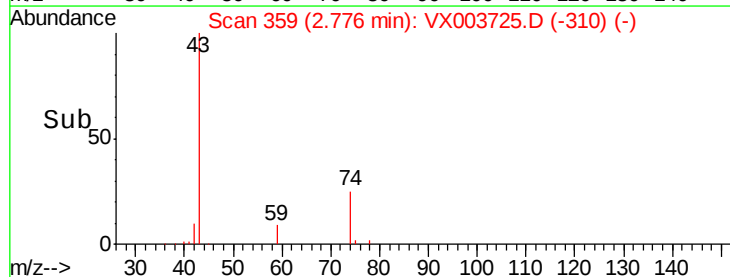
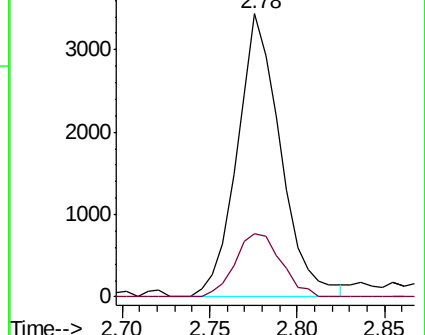
43 100

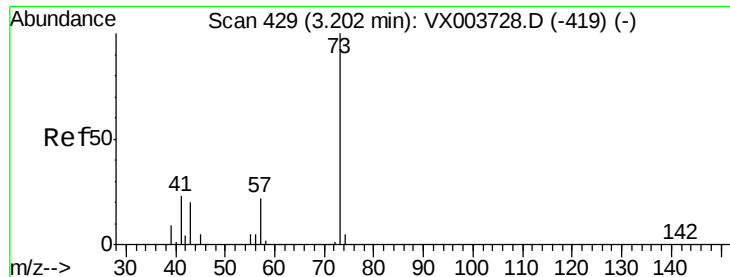
74 23.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 4.362 ug/l

RT: 3.20 min Scan# 429

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

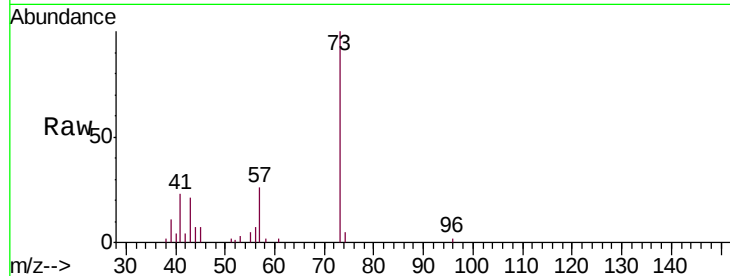
VSTDIC005

Tgt Ion: 73 Resp: 11072

Ion Ratio Lower Upper

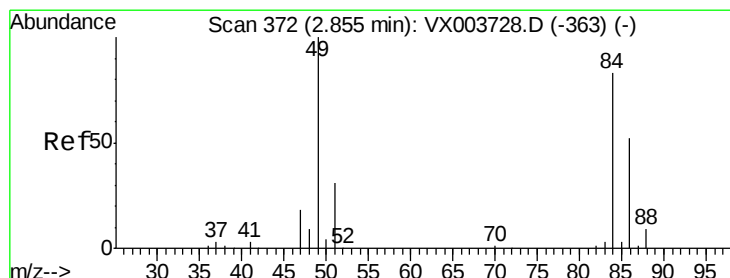
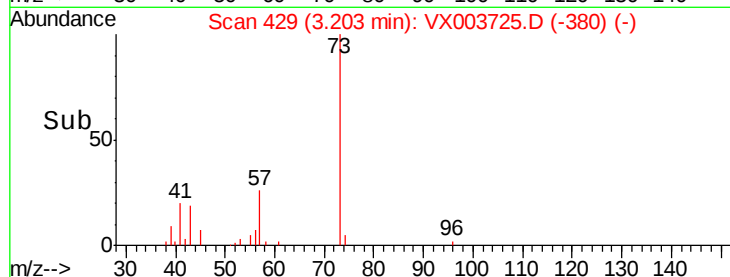
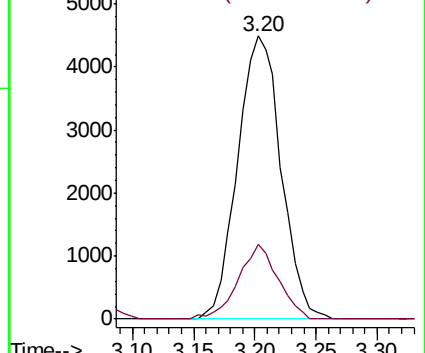
73 100

57 26.4 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 7.193 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Tgt Ion: 84 Resp: 8888

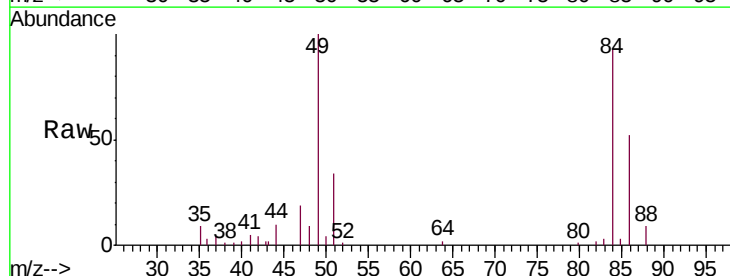
Ion Ratio Lower Upper

84 100

49 107.1 95.8 143.8

51 36.6 29.6 44.4

86 55.4 50.0 75.0

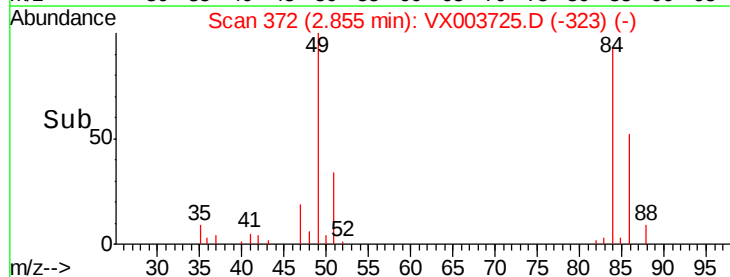
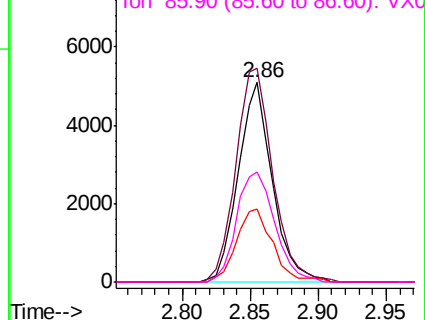


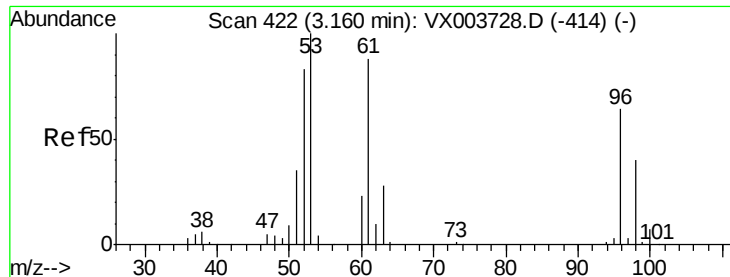
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.611 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

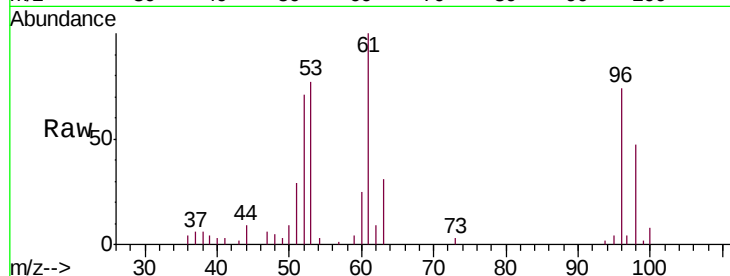
Tgt Ion: 96 Resp: 5733

Ion Ratio Lower Upper

96 100

61 135.6 110.9 166.3

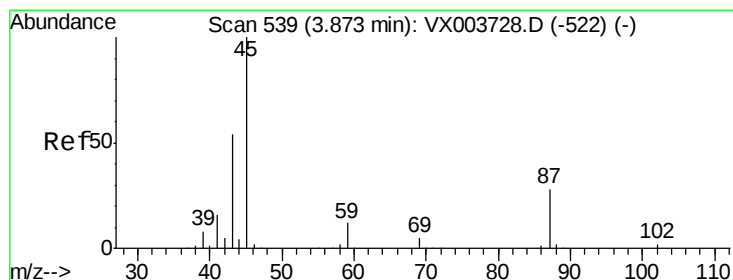
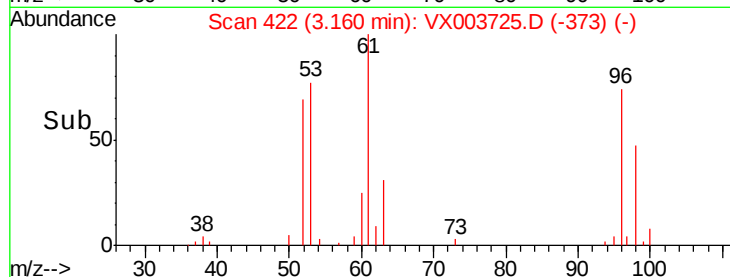
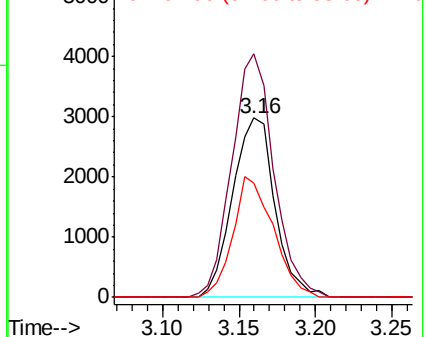
98 63.3 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.761 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Tgt Ion: 45 Resp: 14208

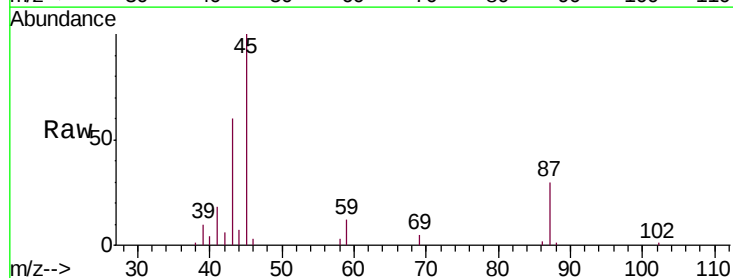
Ion Ratio Lower Upper

45 100

43 59.2 43.5 65.3

87 30.3 22.6 33.8

59 12.0 9.3 13.9

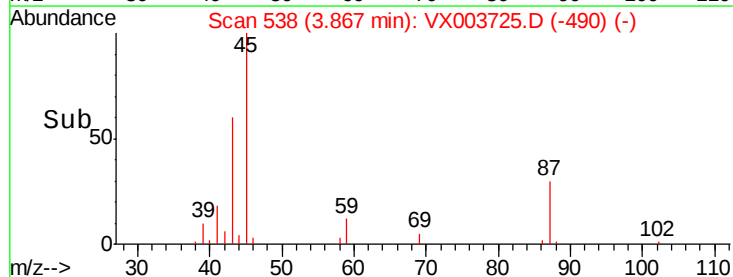
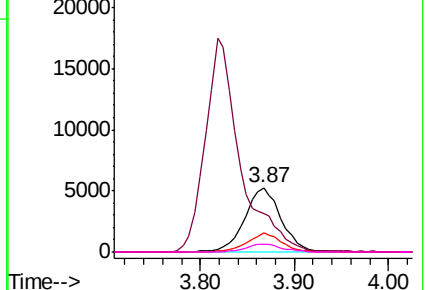


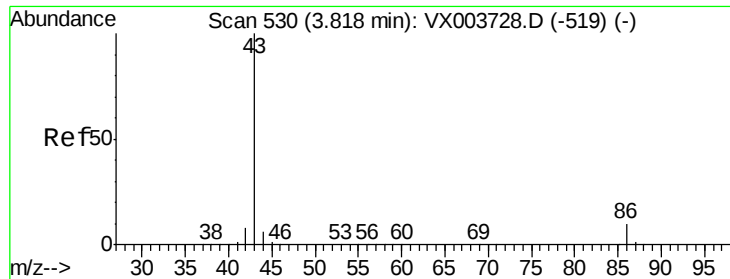
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 20.998 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

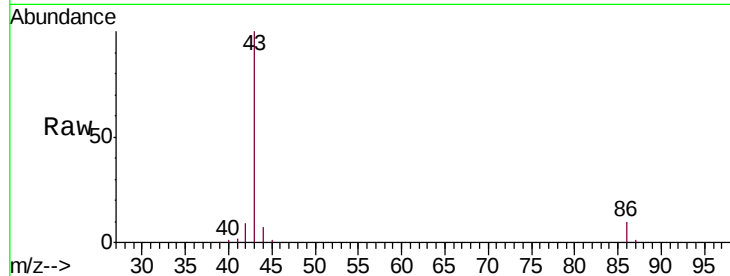
VSTDIC005

Tgt Ion: 43 Resp: 45191

Ion Ratio Lower Upper

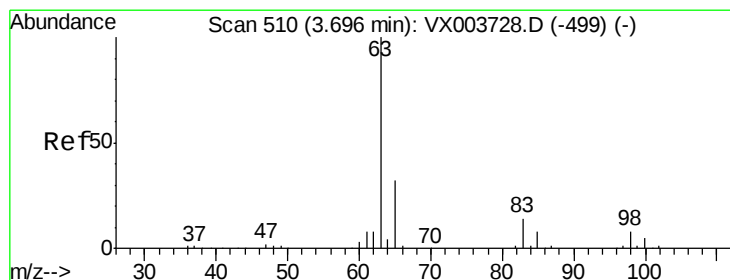
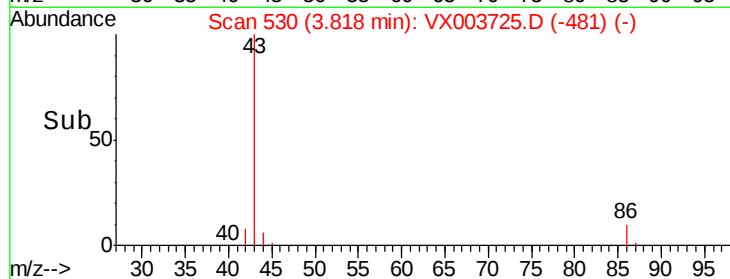
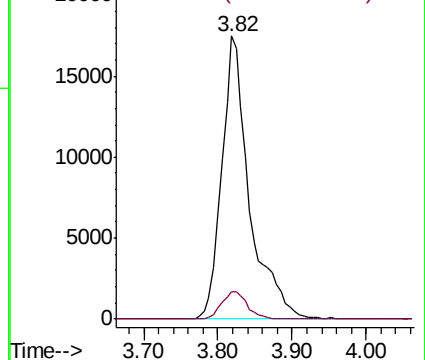
43 100

86 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.231 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

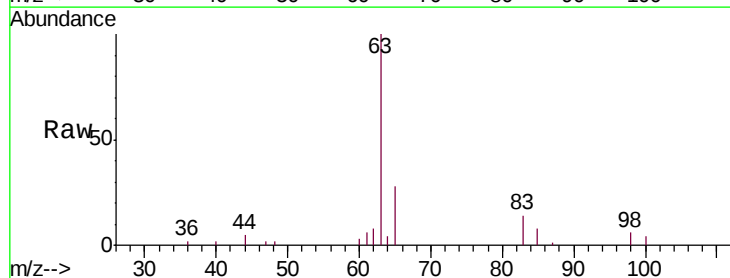
Tgt Ion: 63 Resp: 9103

Ion Ratio Lower Upper

63 100

98 5.9 4.0 12.0

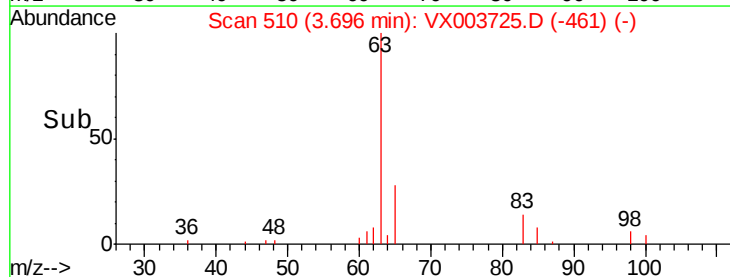
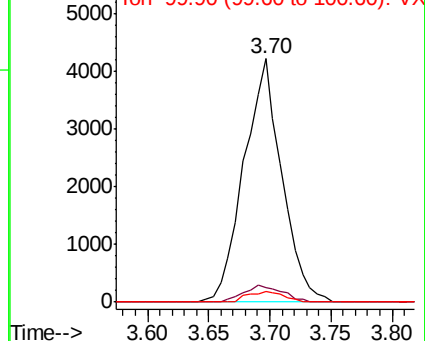
100 4.3 2.4 7.2

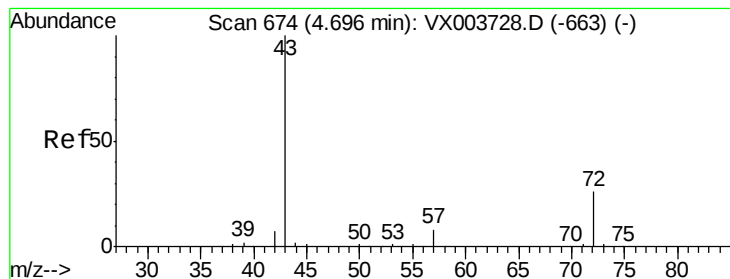


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 23.257 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampled :

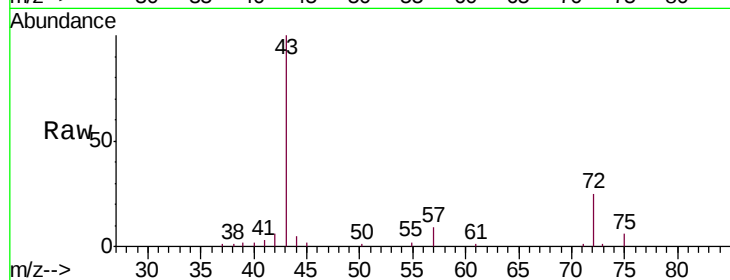
VSTDIC005

Tgt Ion: 43 Resp: 13664

Ion Ratio Lower Upper

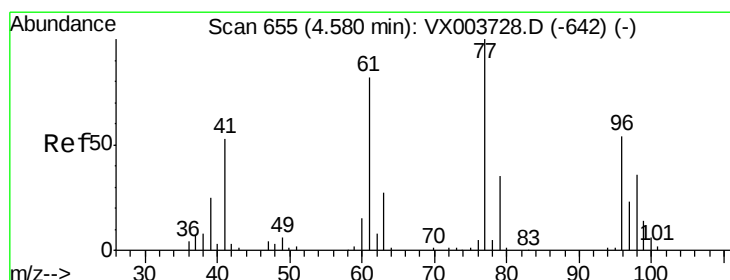
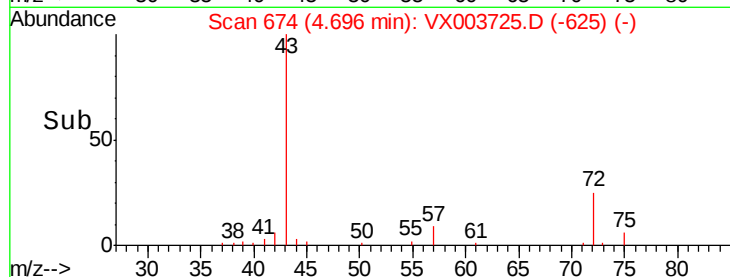
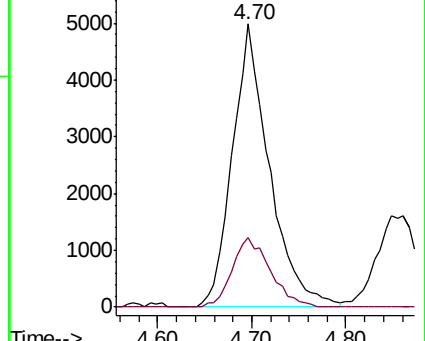
43 100

72 24.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.204 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003725.D

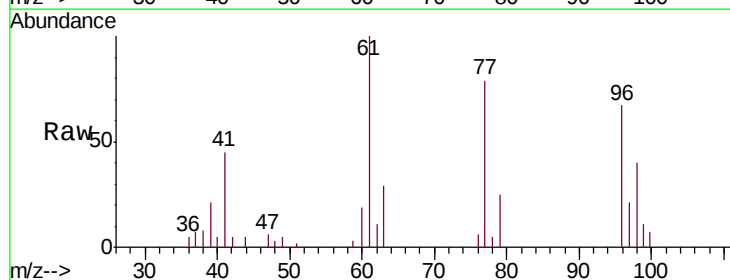
Acq: 30 Jul 2018 15:59

Tgt Ion: 77 Resp: 7133

Ion Ratio Lower Upper

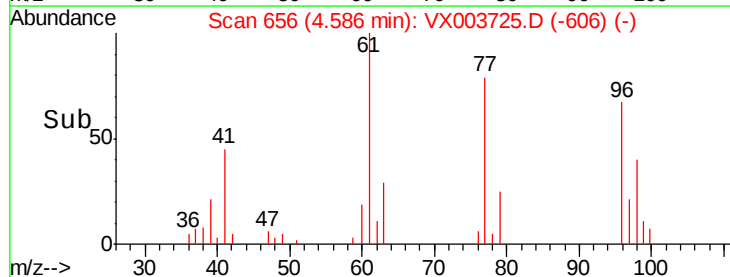
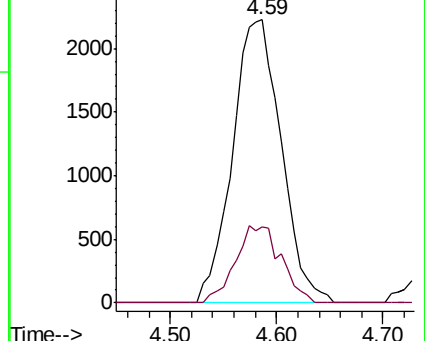
77 100

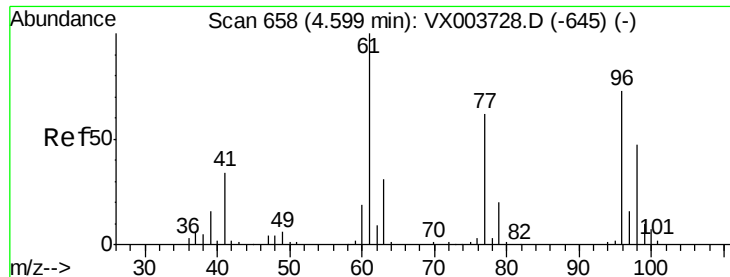
97 25.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



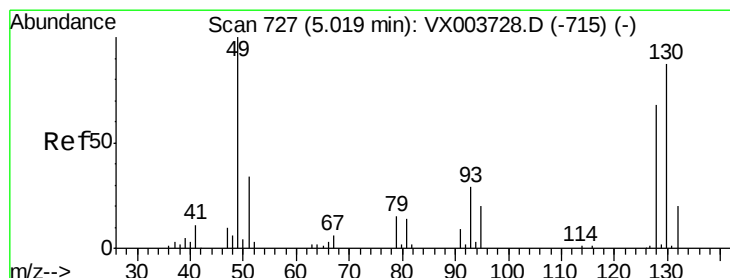
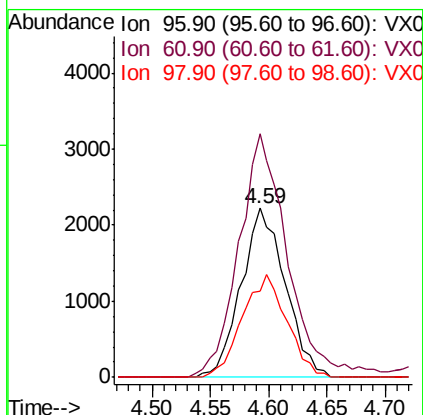
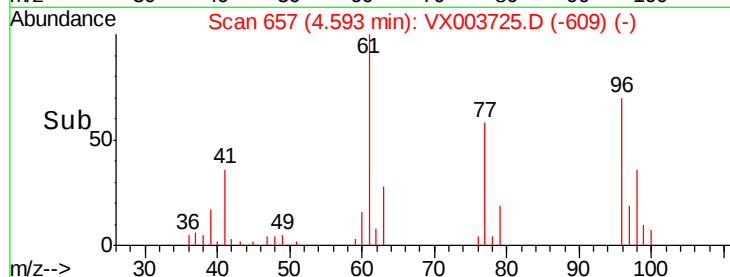
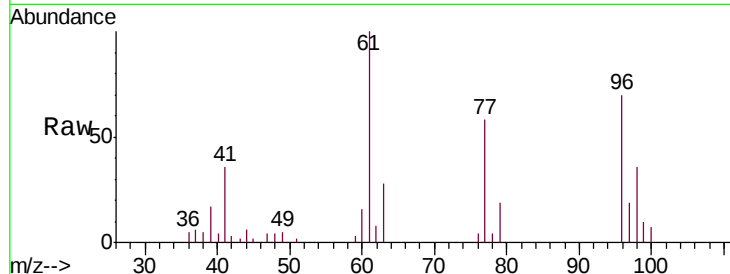


#27

cis-1,2-Dichloroethene
Concen: 5.308 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

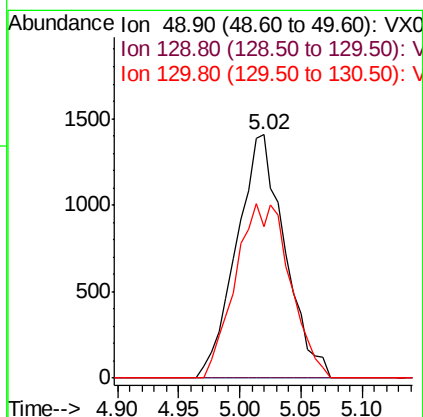
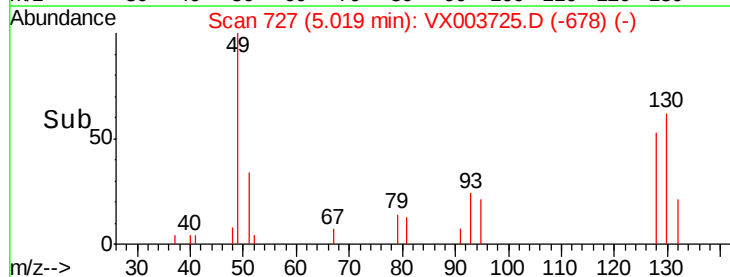
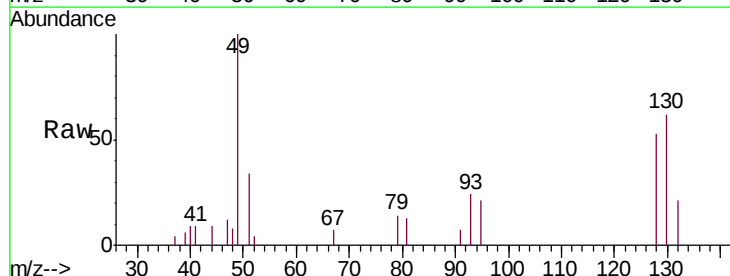
Tgt Ion: 96 Resp: 5845
Ion Ratio Lower Upper
96 100
61 159.7 0.0 285.6
98 61.5 0.0 131.0

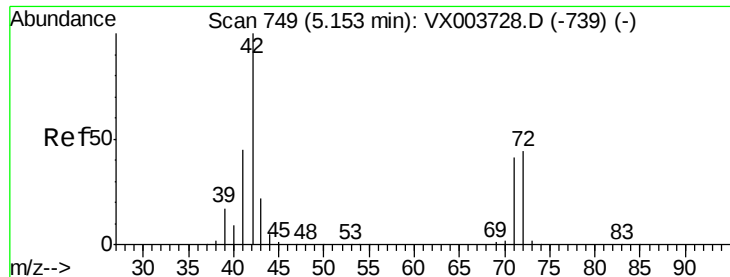


#28

Bromochloromethane
Concen: 4.942 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 49 Resp: 3858
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 81.0 68.9 103.3

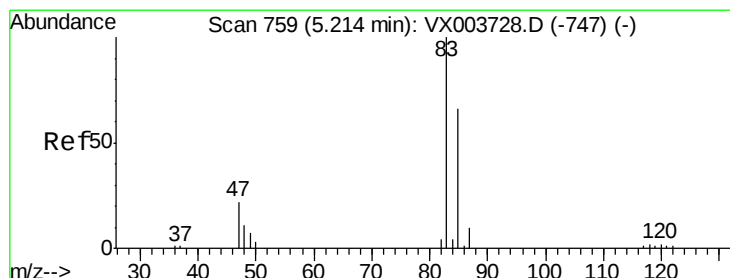
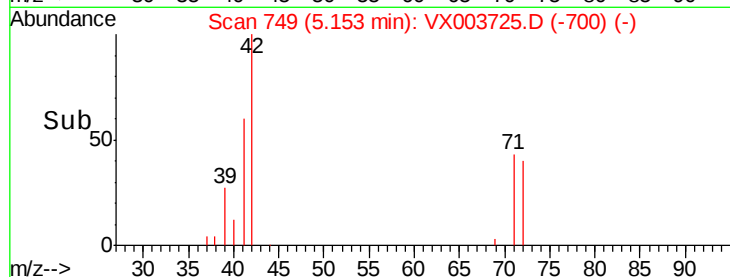
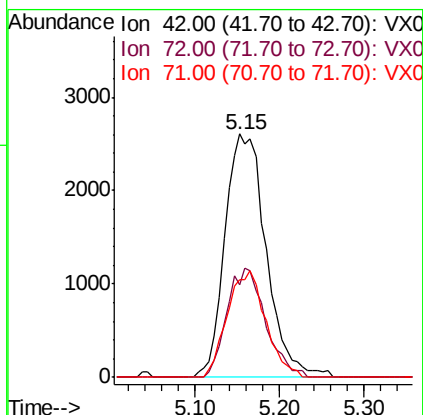
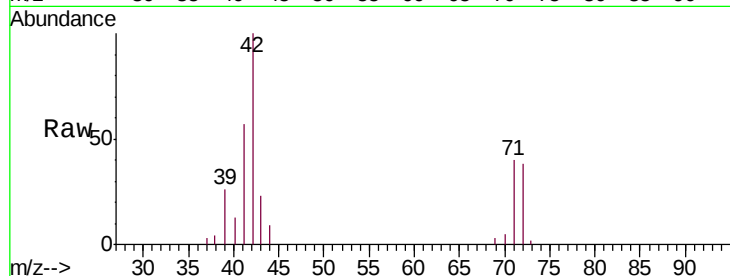




#29
Tetrahydrofuran
Concen: 23.062 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

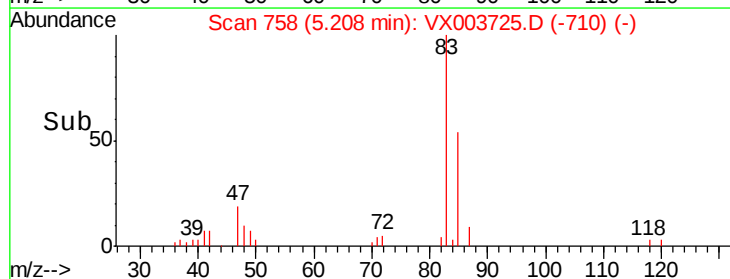
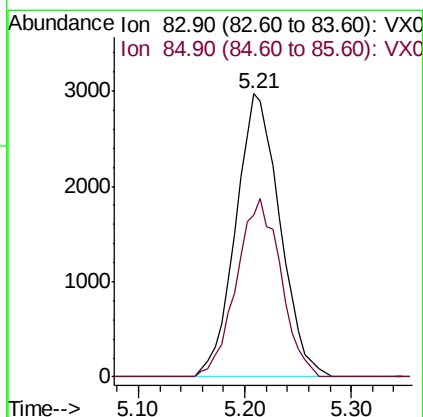
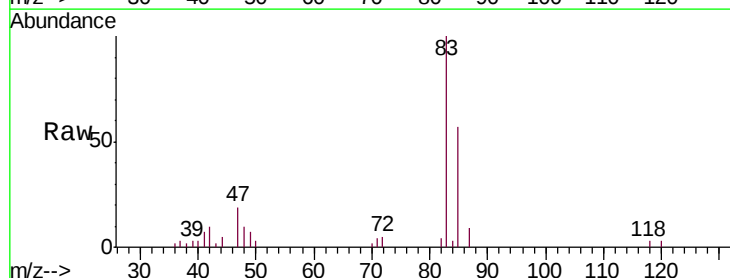
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

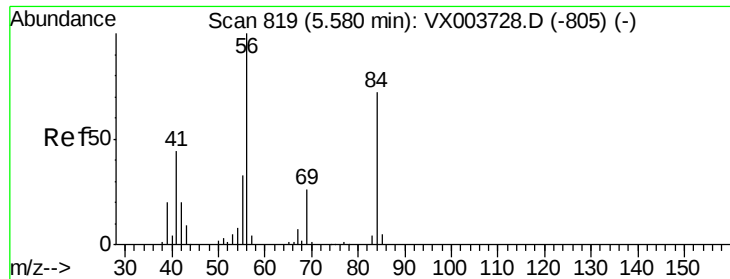
Tgt Ion: 42 Resp: 8635
Ion Ratio Lower Upper
42 100
72 42.0 35.6 53.4
71 40.9 33.4 50.0



#30
Chloroform
Concen: 5.029 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 83 Resp: 8624
Ion Ratio Lower Upper
83 100
85 57.2 52.8 79.2

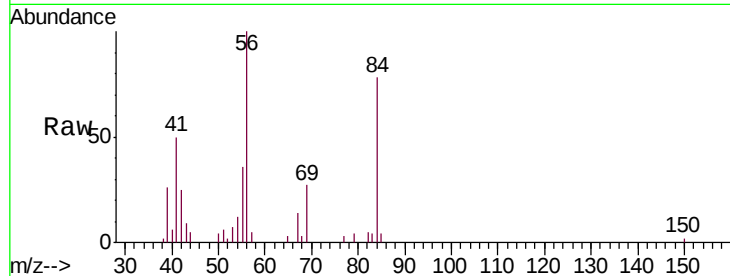




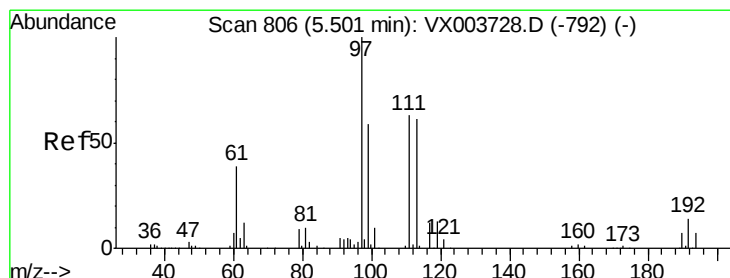
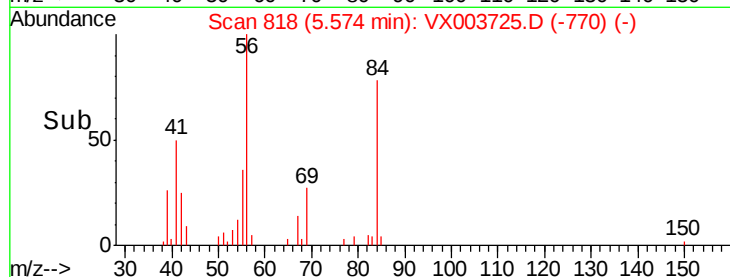
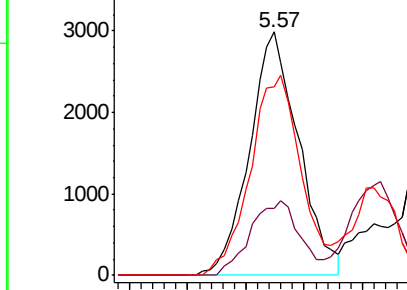
#31
Cyclohexane
Concen: 5.214 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 8764
Ion Ratio Lower Upper
56 100
69 27.4 20.6 30.8
84 77.6 57.9 86.9

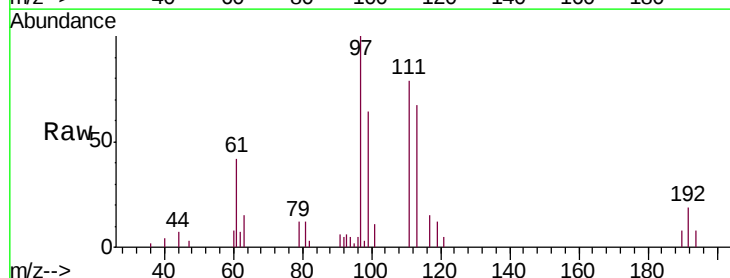


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

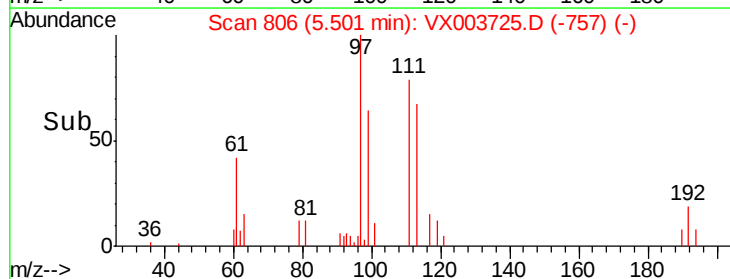
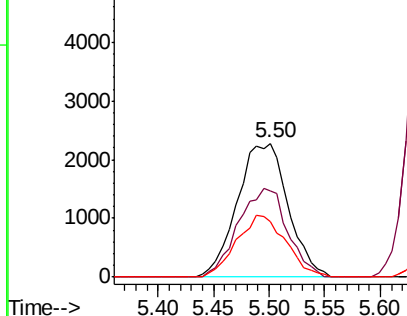


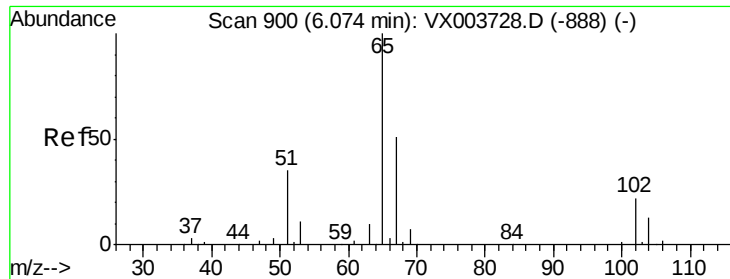
#32
1,1,1-Trichloroethane
Concen: 4.898 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 97 Resp: 7219
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 44.7 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

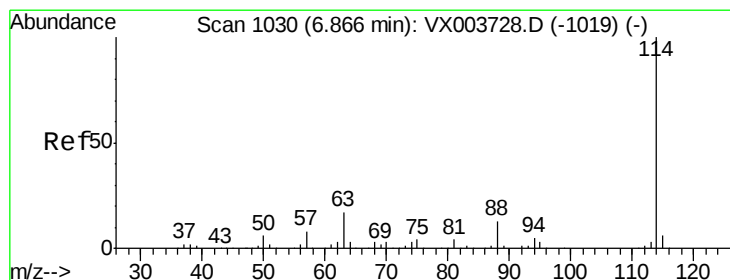
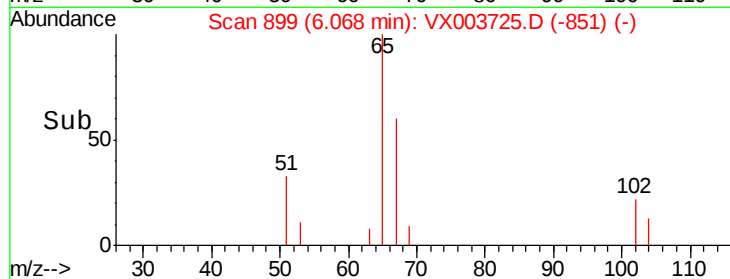
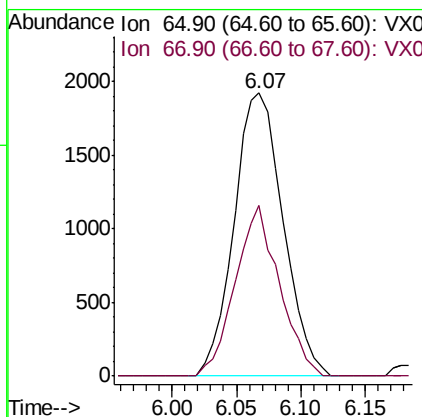
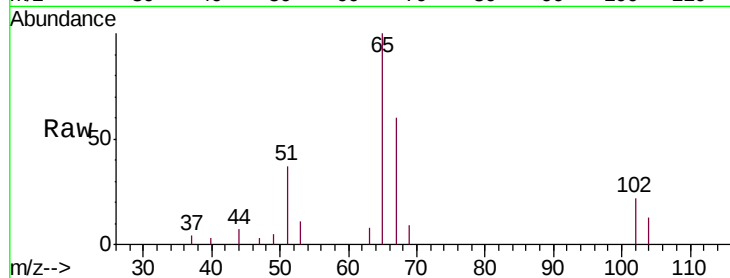




#33
 1,2-Dichloroethane-d4
 Concen: 4.809 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

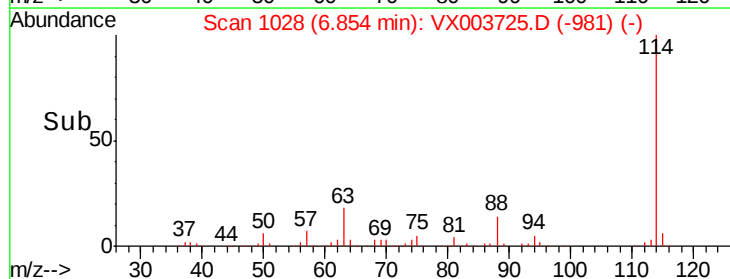
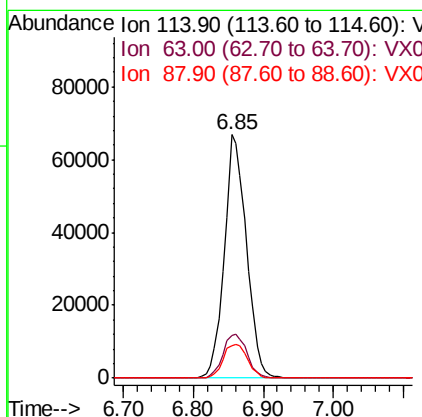
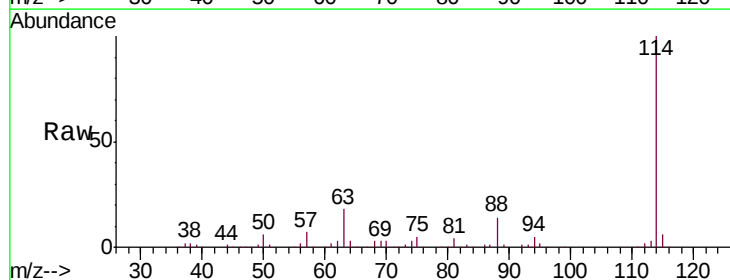
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

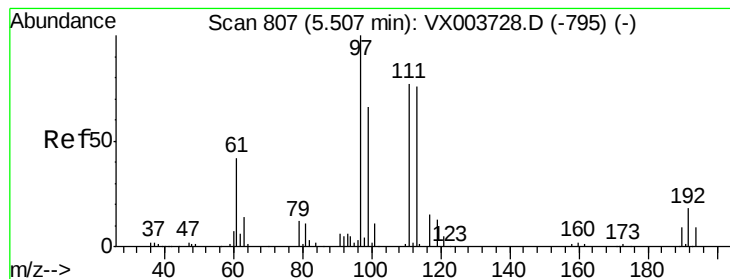
Tgt Ion: 65 Resp: 5074
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion: 114 Resp: 146363
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 13.6 0.0 26.4





#35

Dibromofluoromethane

Concen: 4.919 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

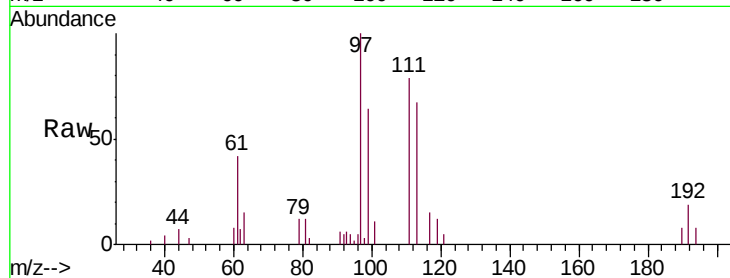
Tgt Ion:113 Resp: 4239

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

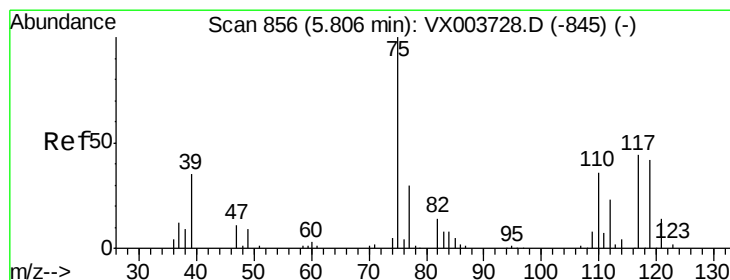
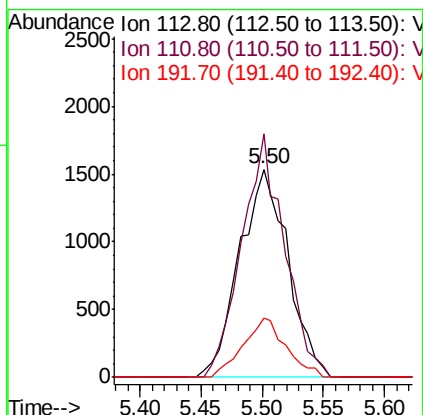
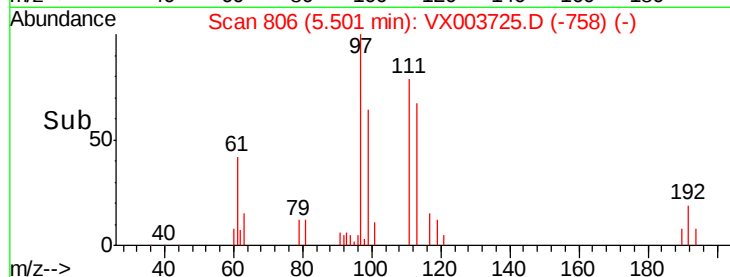
192 25.4 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.597 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

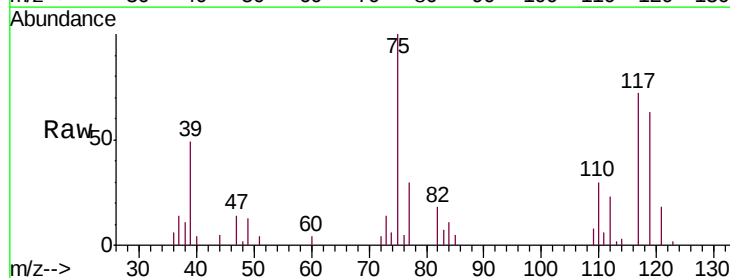
Tgt Ion: 75 Resp: 7672

Ion Ratio Lower Upper

75 100

110 34.5 18.3 54.8

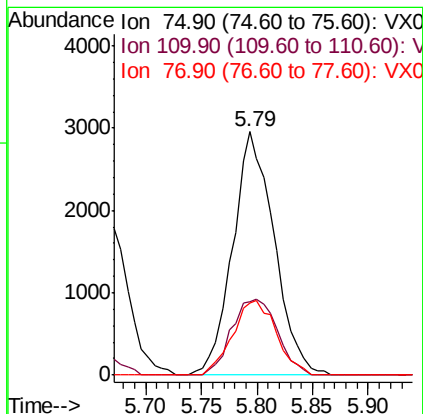
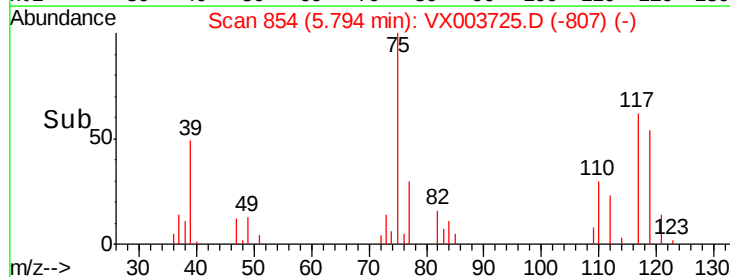
77 32.2 25.1 37.7

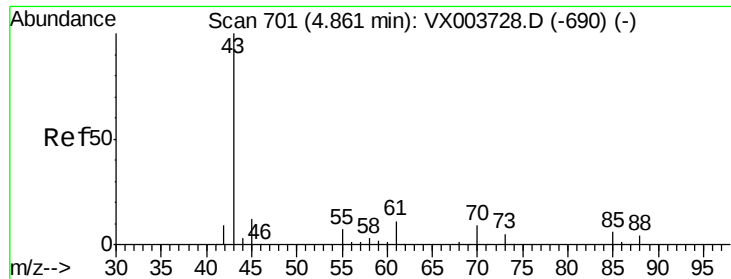


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

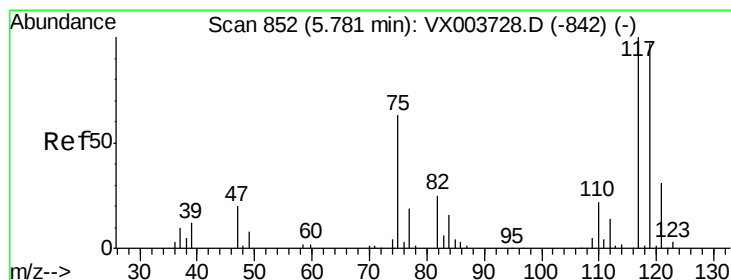
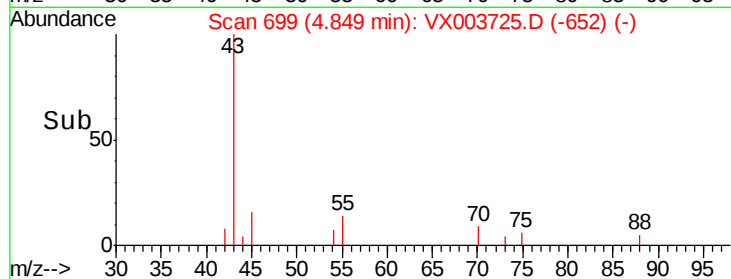
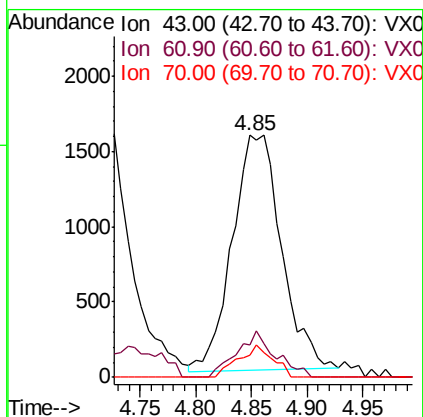
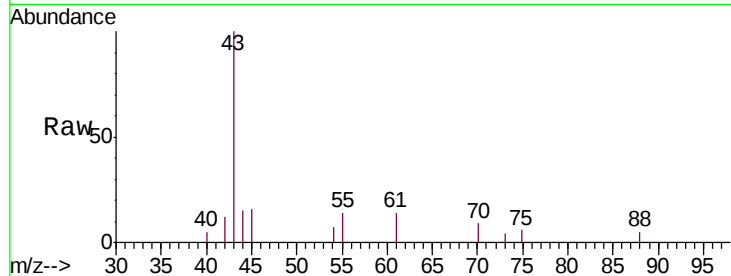




#37
Ethyl Acetate
Concen: 4.581 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

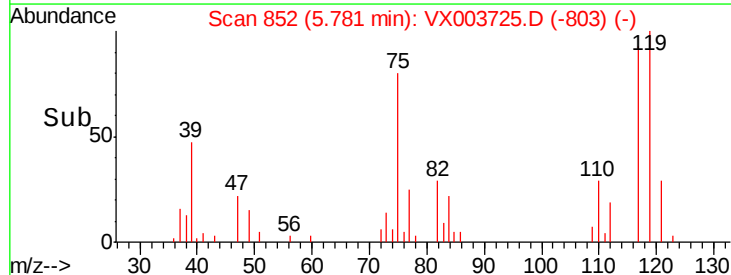
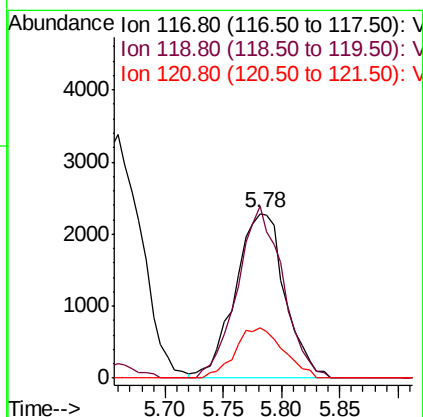
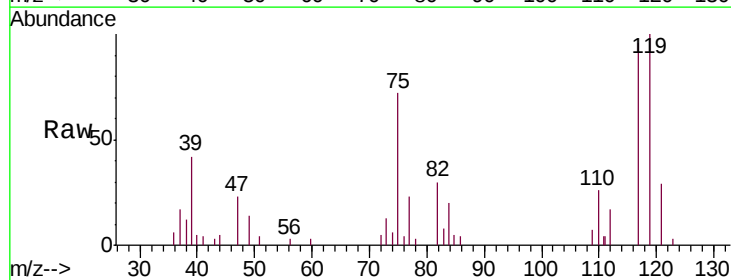
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

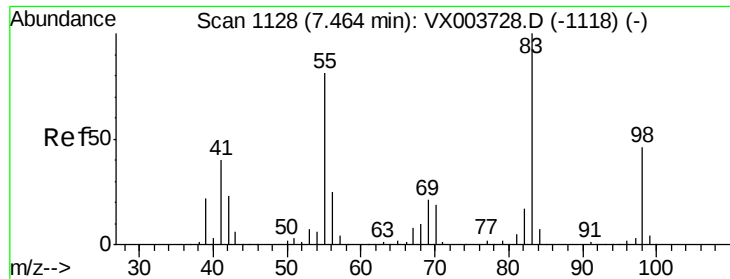
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 9.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 117 Resp: 6778
Ion Ratio Lower Upper
117 100
119 104.7 77.2 115.8
121 30.2 25.0 37.4

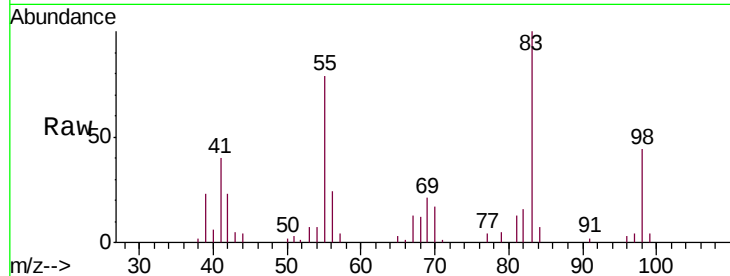




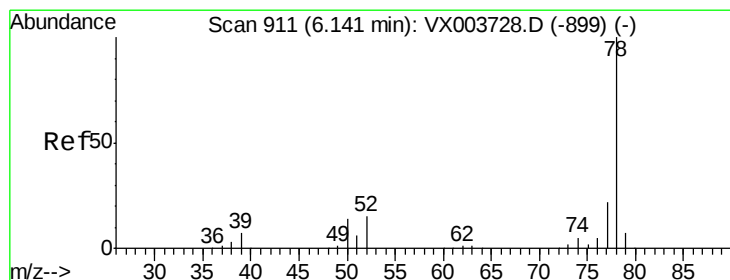
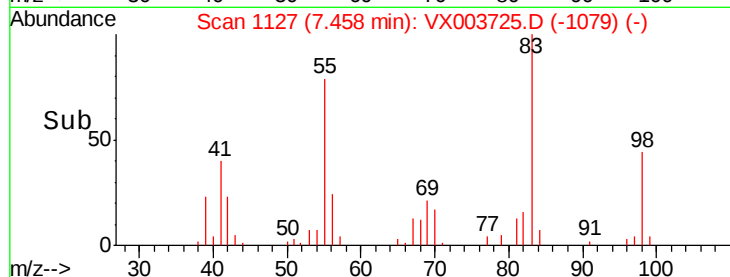
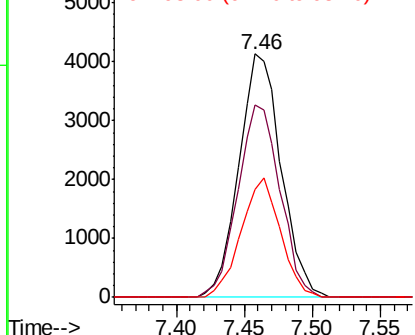
#39
Methylcyclohexane
Concen: 5.339 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8985
Ion Ratio Lower Upper
83 100
55 78.9 65.0 97.6
98 44.3 37.1 55.7

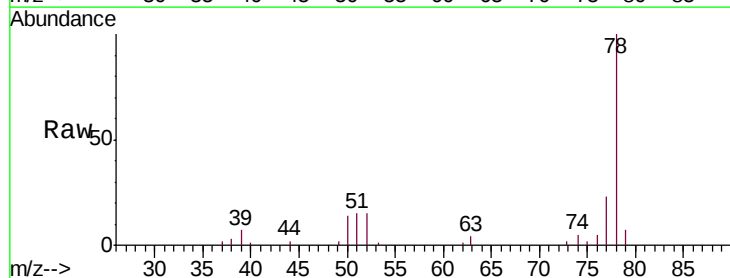


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

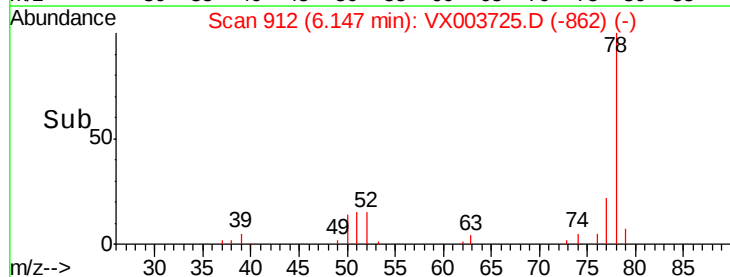
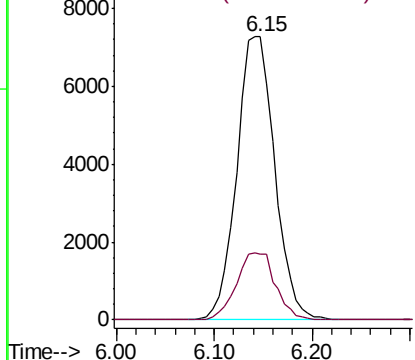


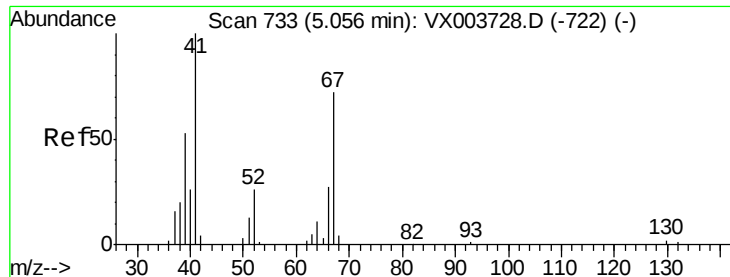
#40
Benzene
Concen: 4.979 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 78 Resp: 19556
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

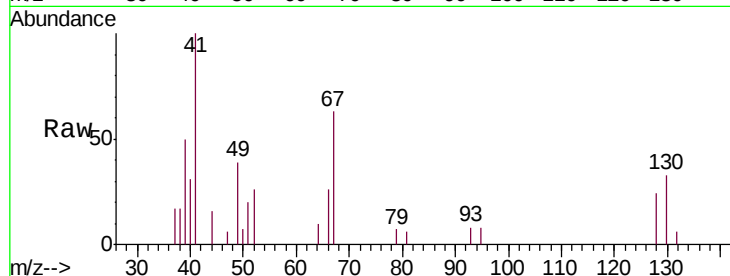




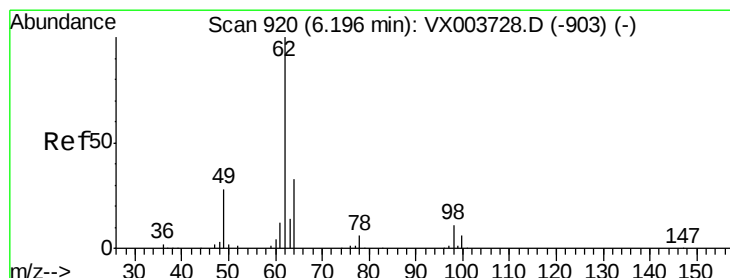
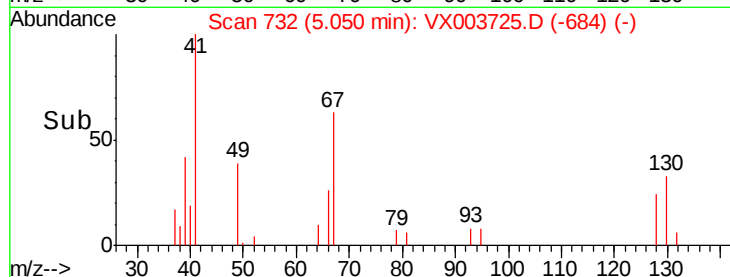
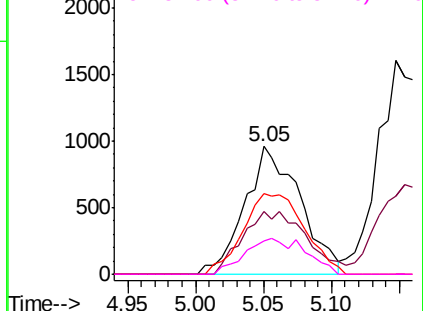
#41
Methacrylonitrile
Concen: 4.592 ug/l
RT: 5.05 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	2725
Ion	Ratio	Lower	Upper
41	100		
39	57.5	42.6	64.0
67	70.0	58.9	88.3
52	30.7	22.9	34.3

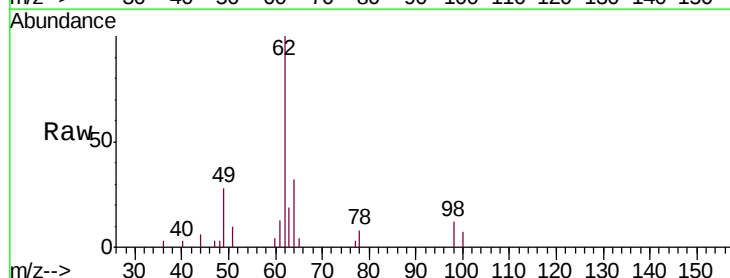


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

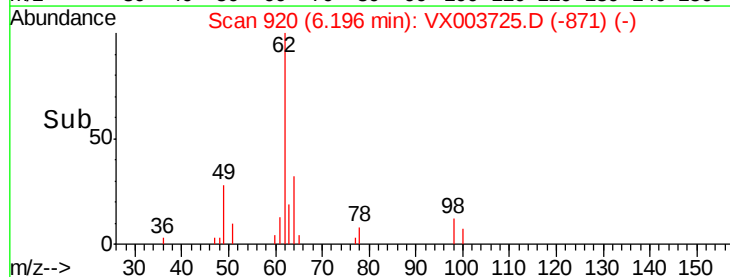
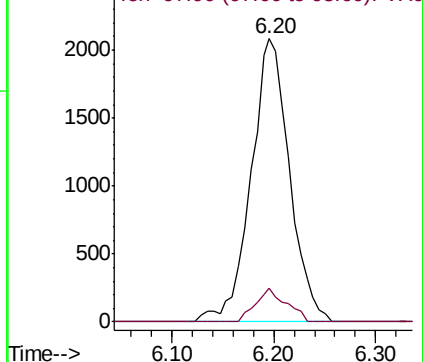


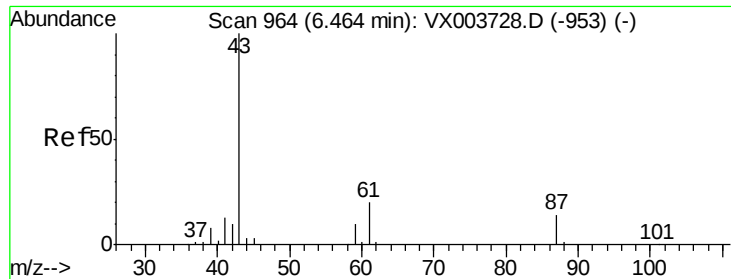
#42
1,2-Dichloroethane
Concen: 4.617 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion:	62	Resp:	5477
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.202 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

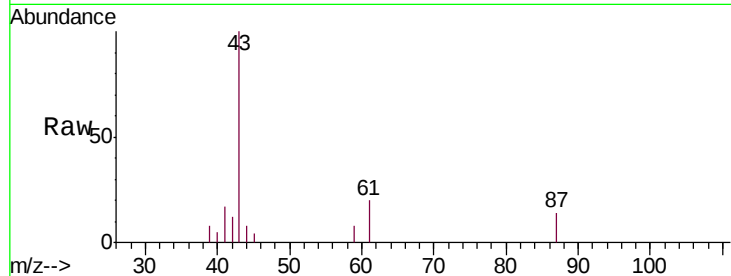
Tgt Ion: 43 Resp: 7050

Ion Ratio Lower Upper

43 100

61 19.3 16.5 24.7

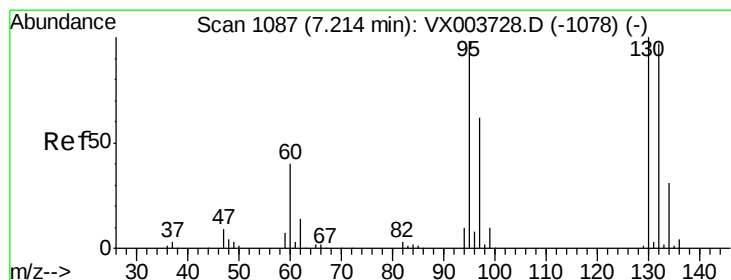
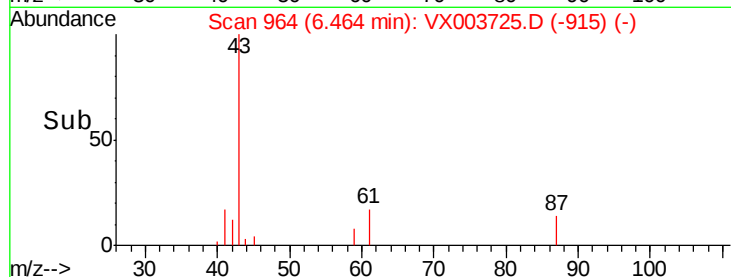
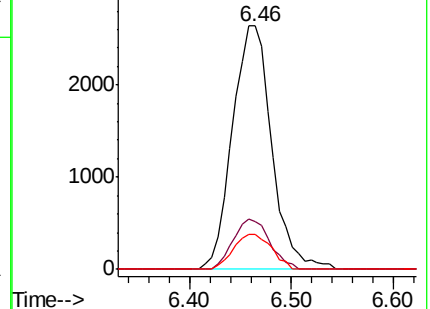
87 13.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.703 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003725.D

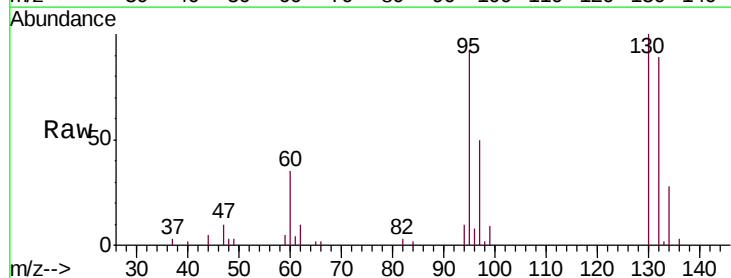
Acq: 30 Jul 2018 15:59

Tgt Ion: 130 Resp: 6390

Ion Ratio Lower Upper

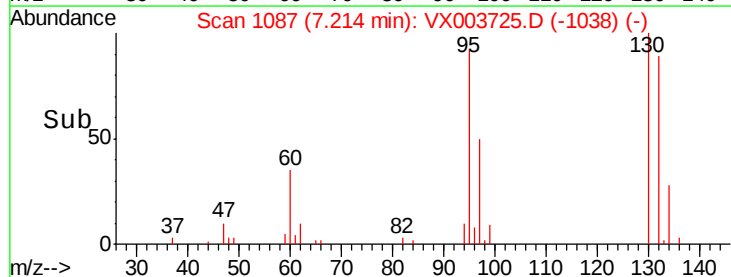
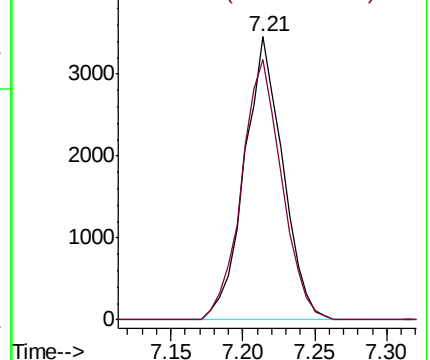
130 100

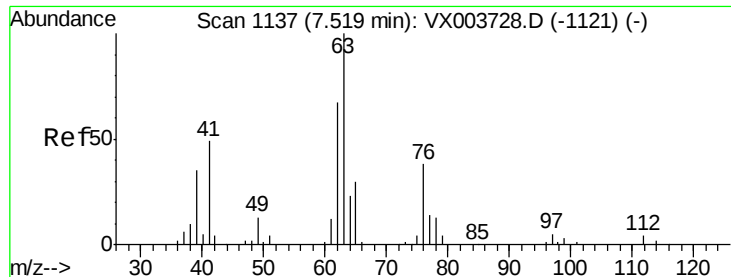
95 92.1 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

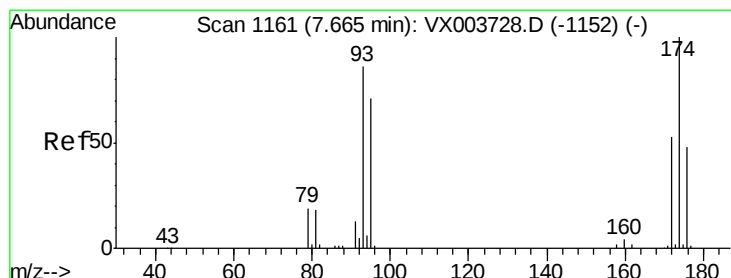
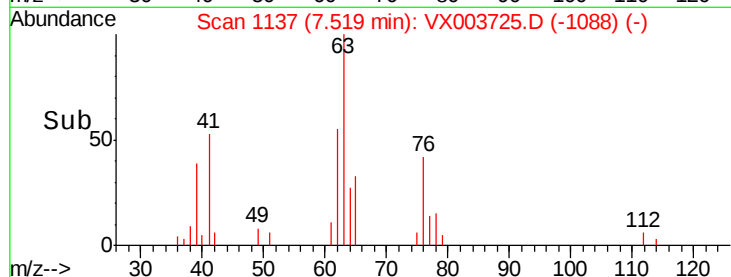
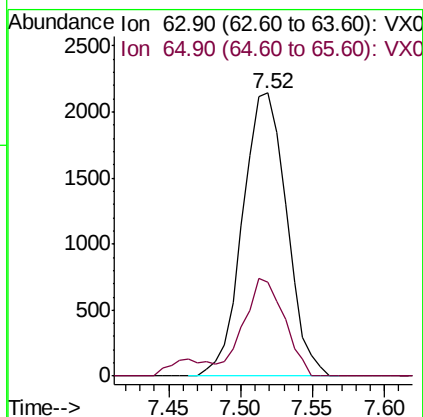
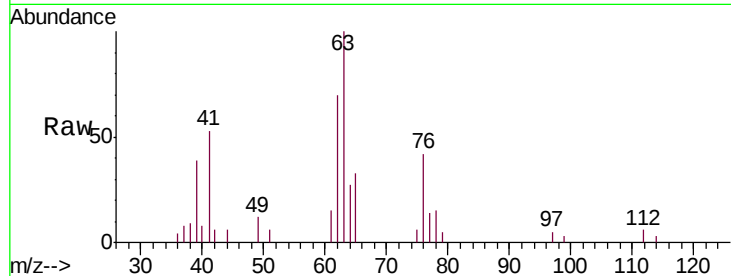




#45
 1,2-Dichloropropane
 Concen: 4.700 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

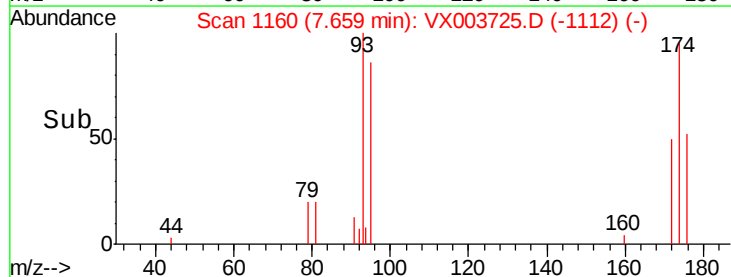
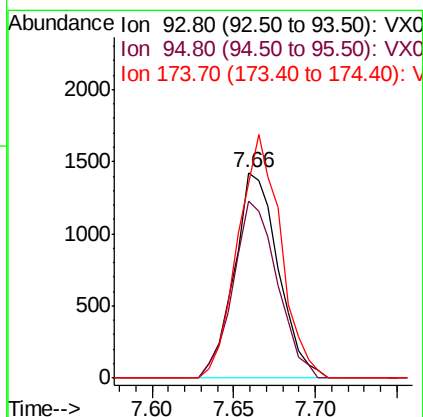
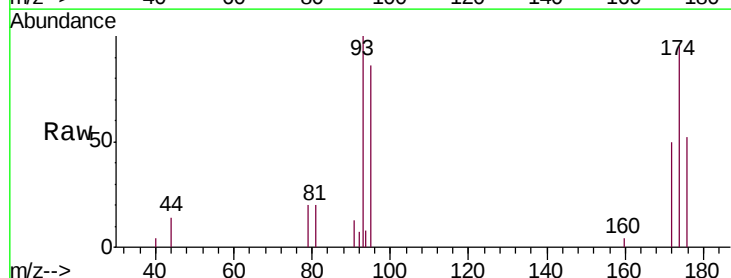
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

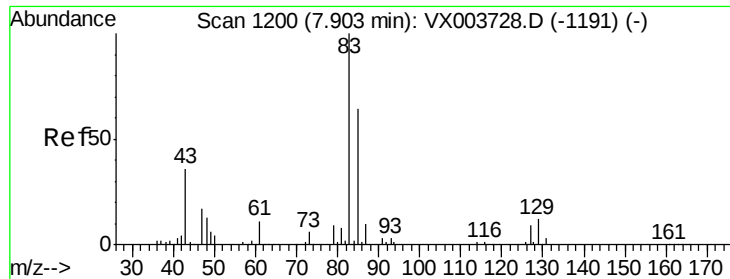
Tgt Ion: 63 Resp: 4540
 Ion Ratio Lower Upper
 63 100
 65 33.1 23.7 35.5



#46
 Dibromomethane
 Concen: 4.793 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion: 93 Resp: 2668
 Ion Ratio Lower Upper
 93 100
 95 86.1 68.1 102.1
 174 115.1 96.2 144.4





#47

Bromodichloromethane

Concen: 4.437 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

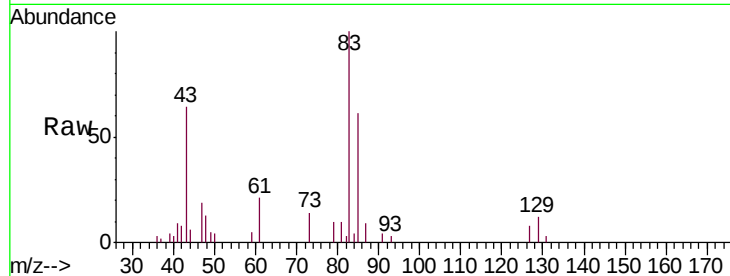
Tgt Ion: 83 Resp: 4922

Ion Ratio Lower Upper

83 100

85 61.2 51.1 76.7

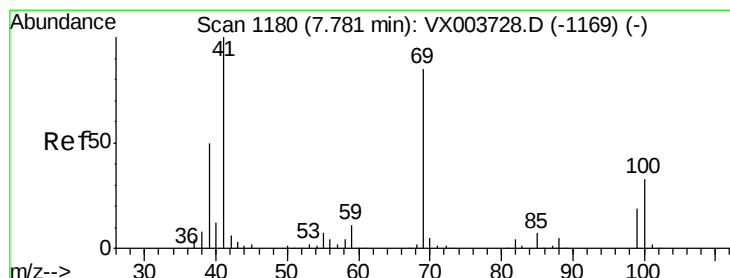
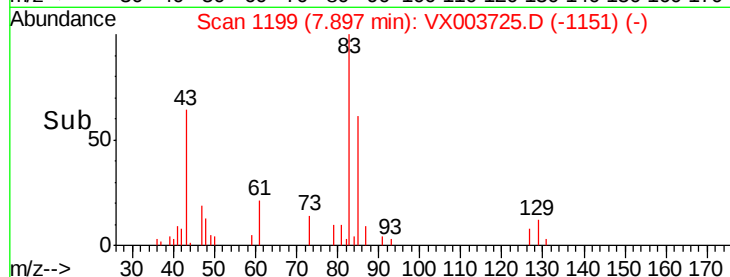
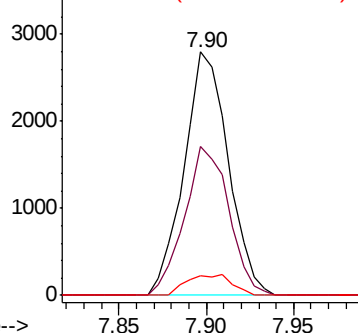
127 8.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.083 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

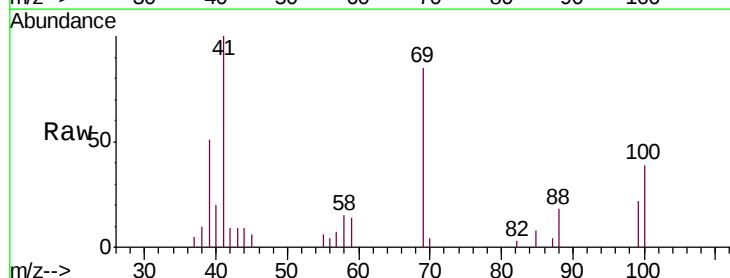
Tgt Ion: 41 Resp: 3436

Ion Ratio Lower Upper

41 100

69 83.9 68.7 103.1

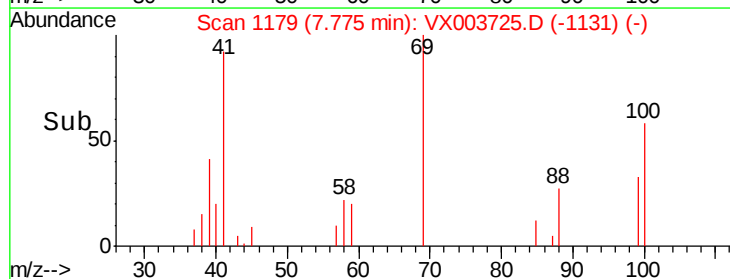
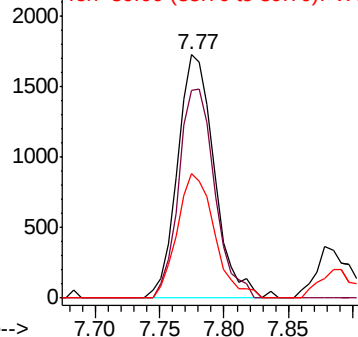
39 51.8 40.8 61.2

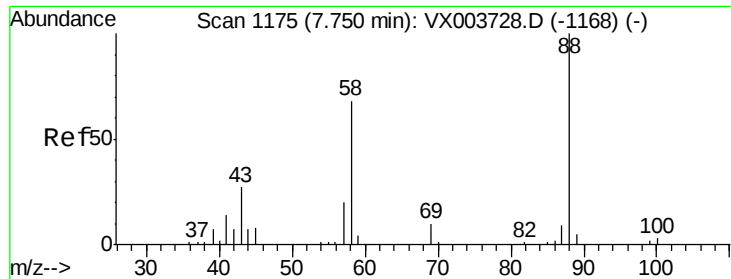


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

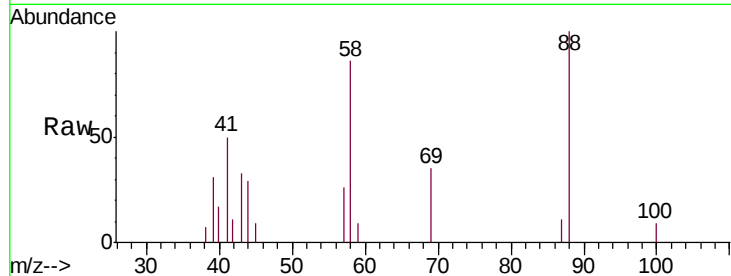




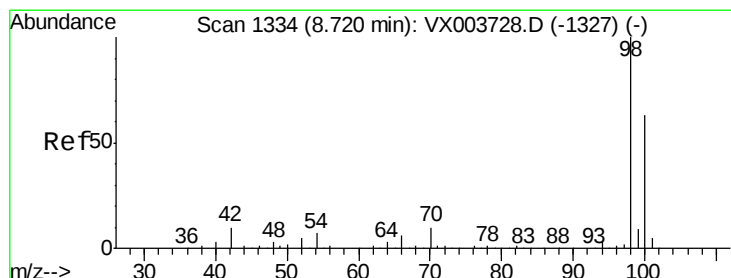
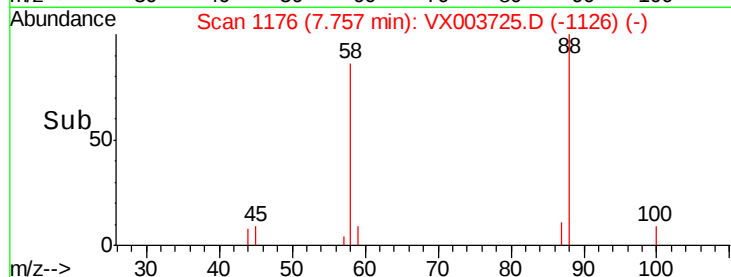
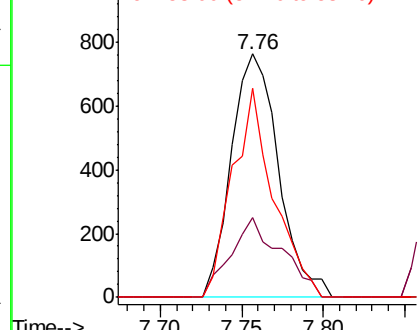
#49
1,4-Dioxane
Concen: 90.733 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1541
Ion Ratio Lower Upper
88 100
43 35.0 26.0 39.0
58 75.1 57.1 85.7

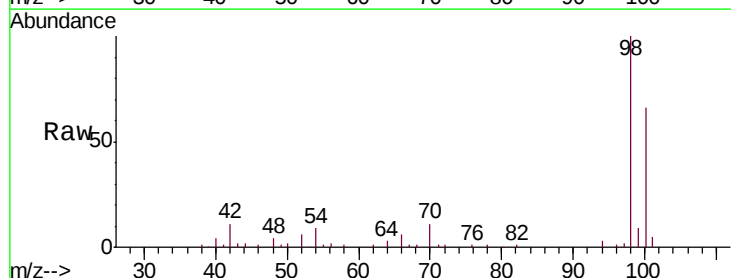


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

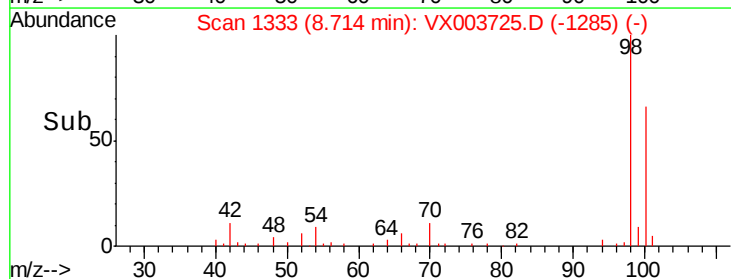
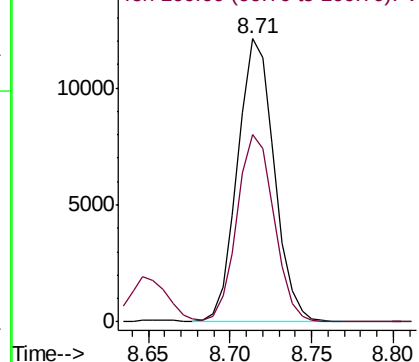


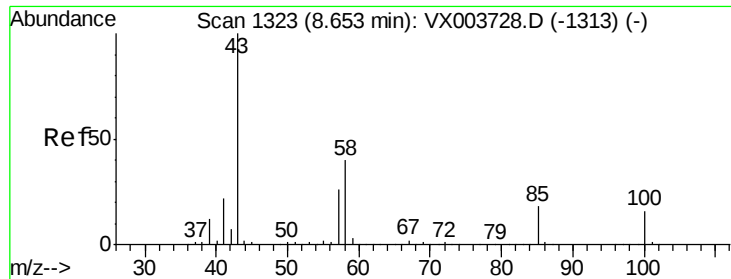
#50
Toluene-d8
Concen: 5.280 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 98 Resp: 18971
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 20.490 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampled :

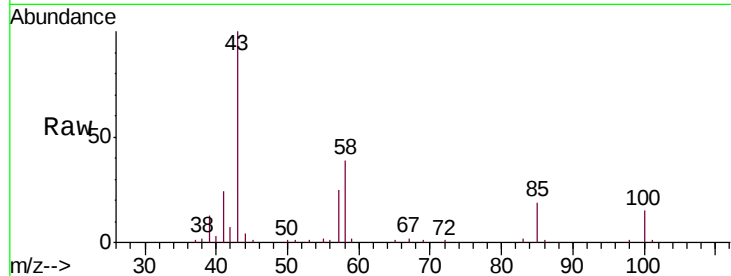
VSTDIC005

Tgt Ion: 43 Resp: 21125

Ion Ratio Lower Upper

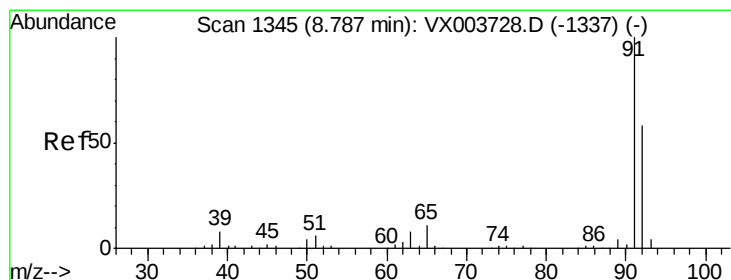
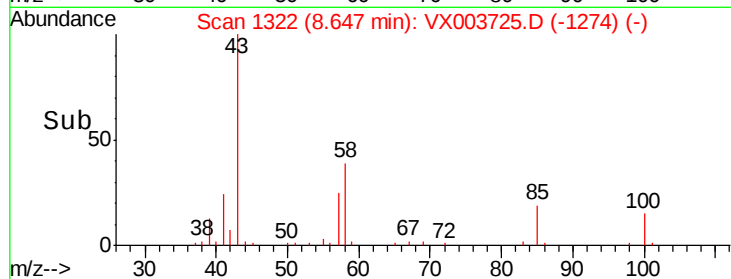
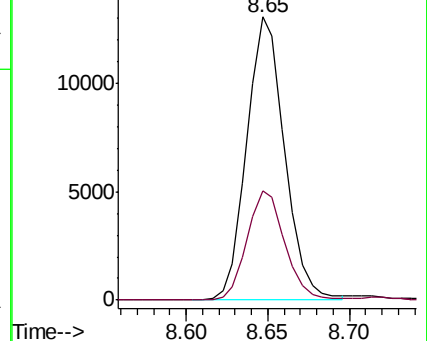
43 100

58 38.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.138 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003725.D

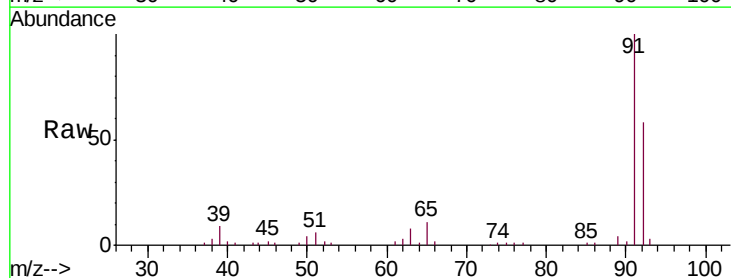
Acq: 30 Jul 2018 15:59

Tgt Ion: 92 Resp: 12588

Ion Ratio Lower Upper

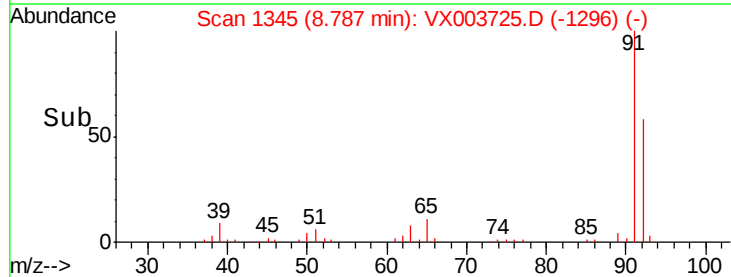
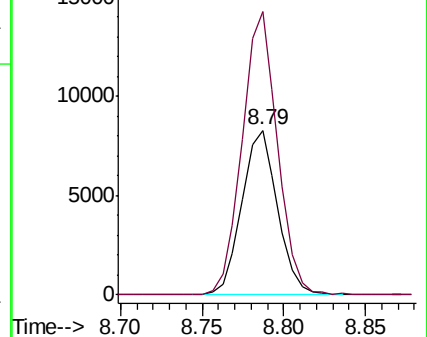
92 100

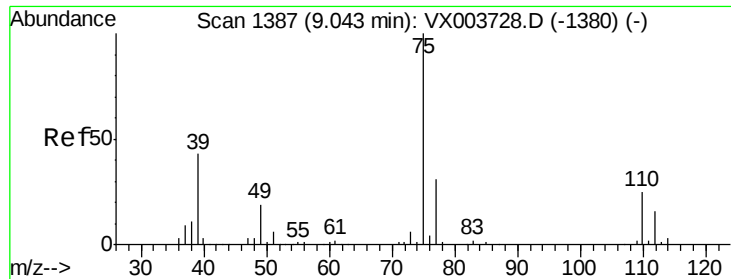
91 170.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

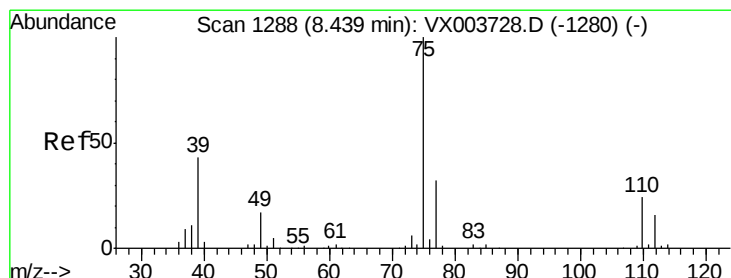
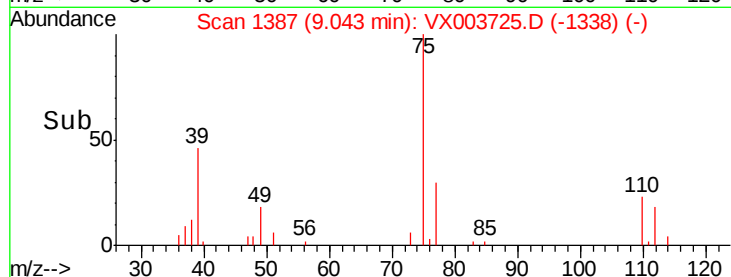
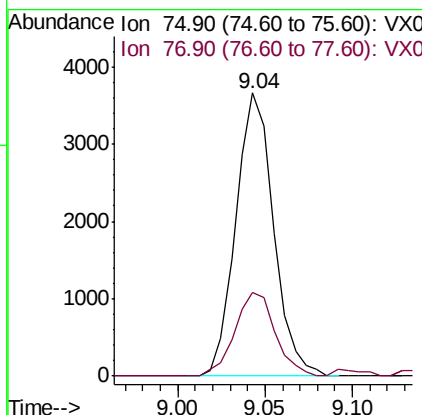
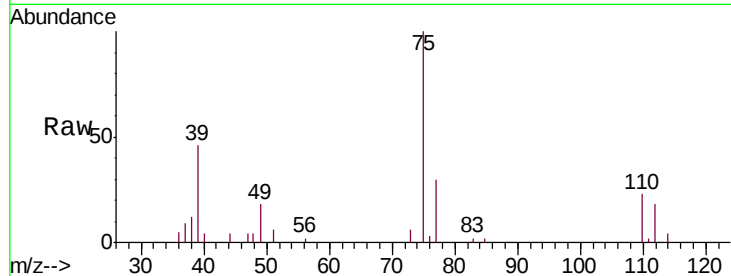




#53
t-1,3-Dichloropropene
Concen: 4.335 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

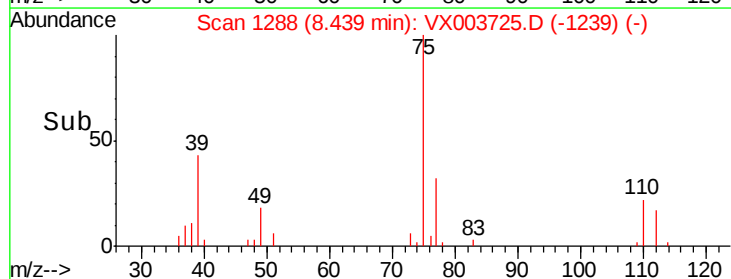
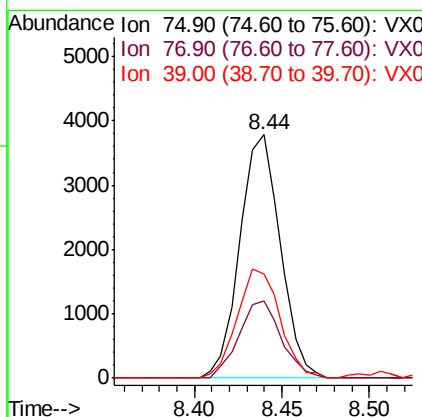
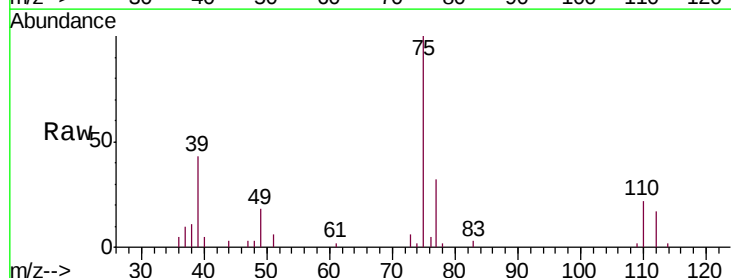
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

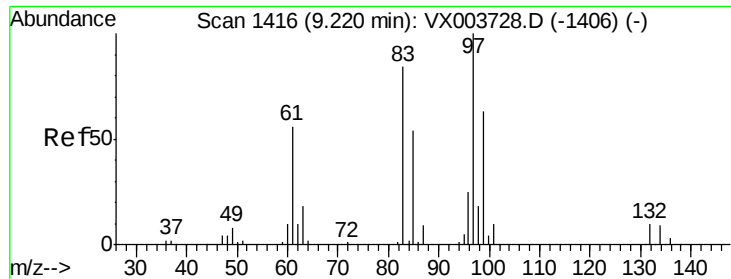
Tgt Ion: 75 Resp: 5492
Ion Ratio Lower Upper
75 100
77 29.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.317 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 75 Resp: 6096
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 42.9 34.1 51.1

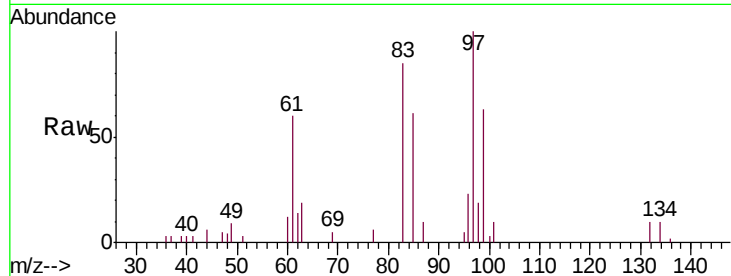




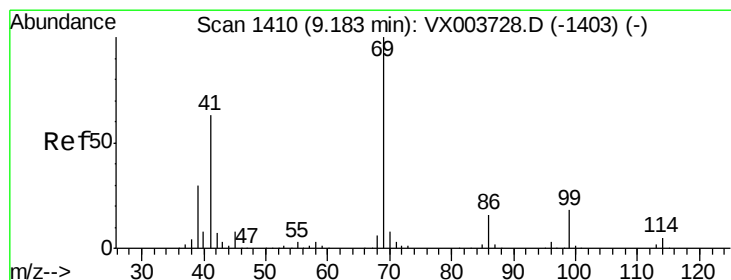
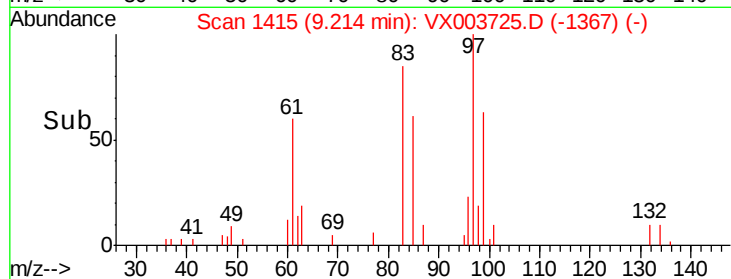
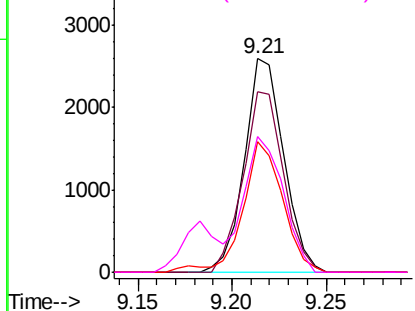
#55
 1,1,2-Trichloroethane
 Concen: 4.452 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	3754
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.0
85	60.9	43.3	64.9
99	63.2	50.8	76.2

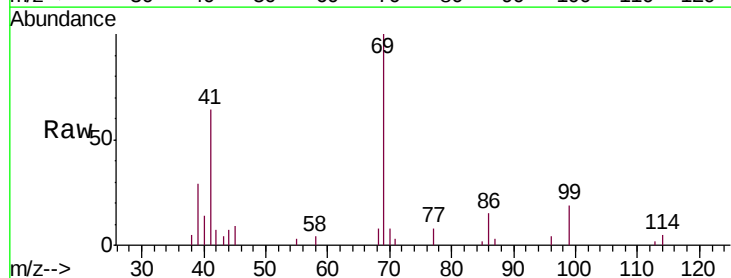


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

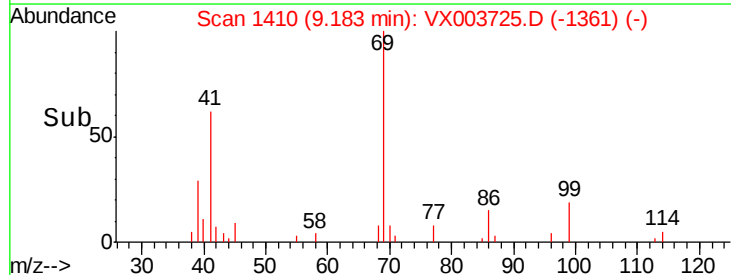
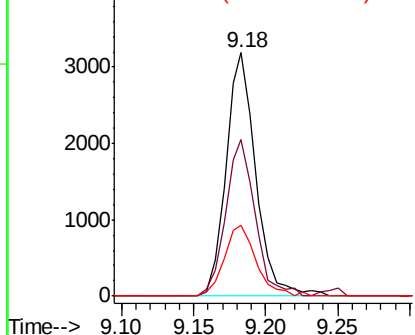


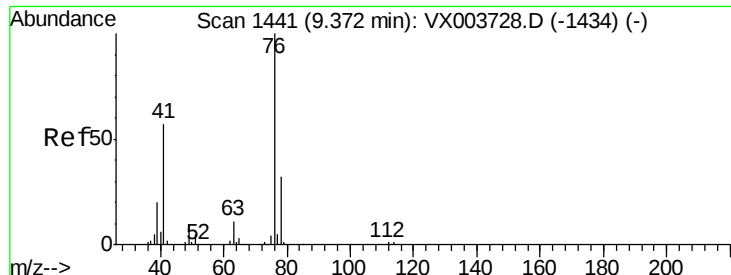
#56
 Ethyl methacrylate
 Concen: 3.976 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion:	69	Resp:	4605
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.6	77.4
39	31.6	25.1	37.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 4.554 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

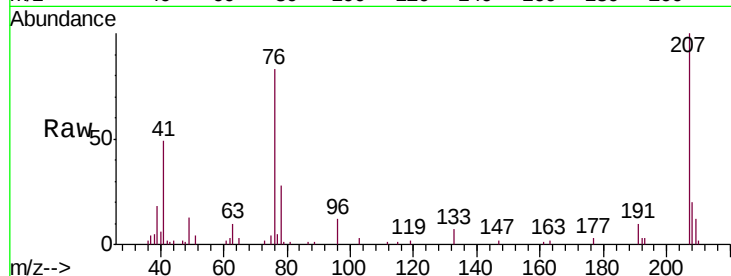
VSTDIC005

Tgt Ion: 76 Resp: 6447

Ion Ratio Lower Upper

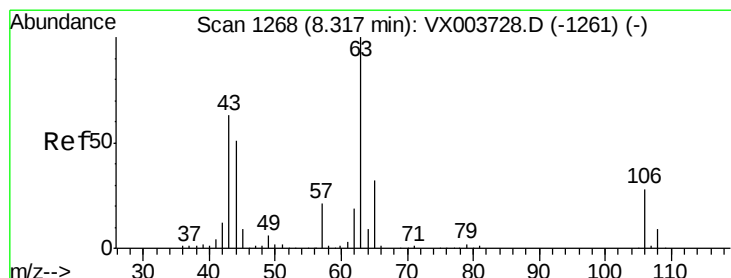
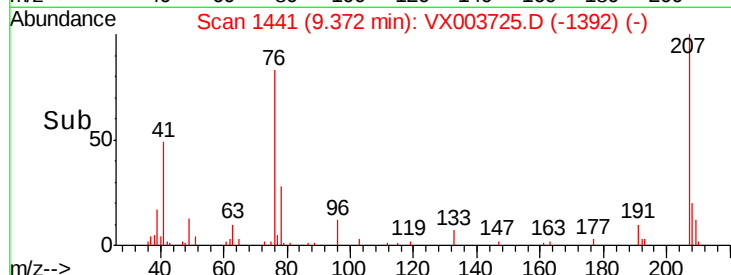
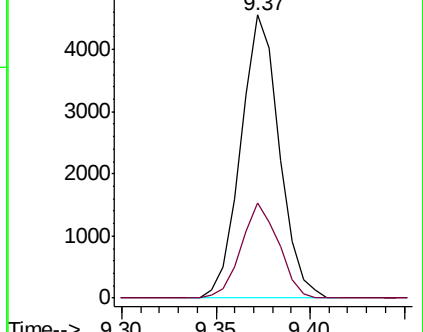
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 20.652 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX003725.D

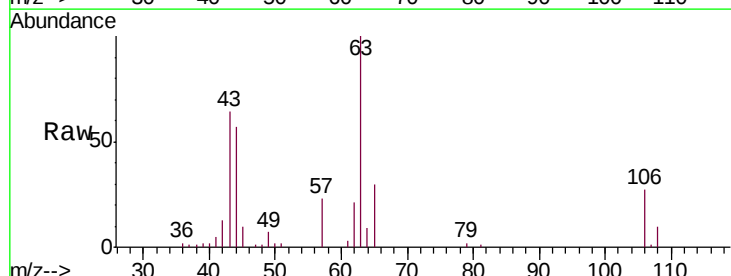
Acq: 30 Jul 2018 15:59

Tgt Ion: 63 Resp: 11444

Ion Ratio Lower Upper

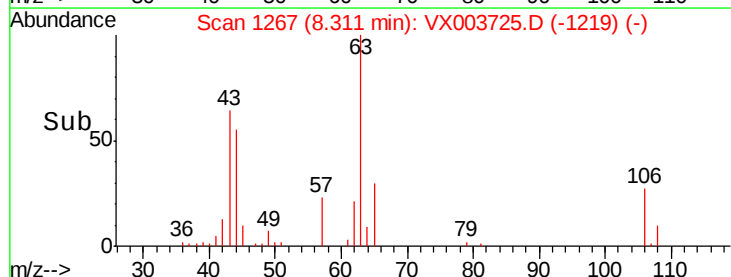
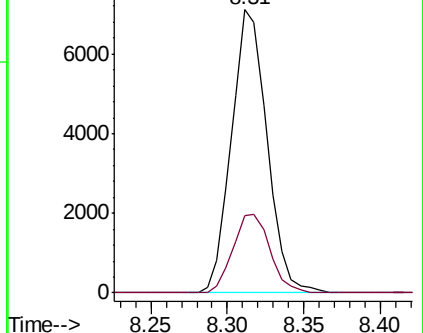
63 100

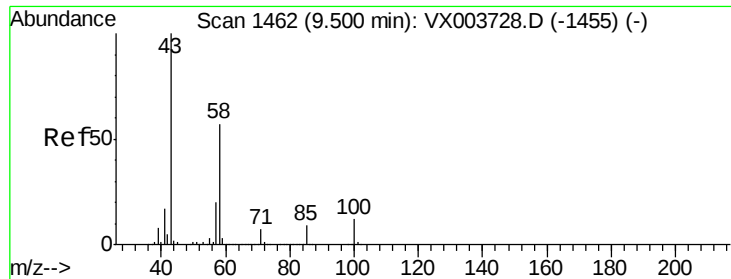
106 28.9 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

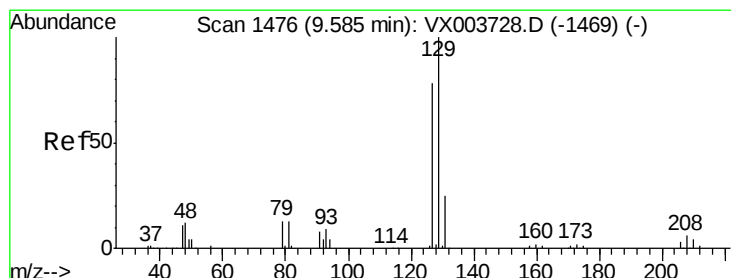
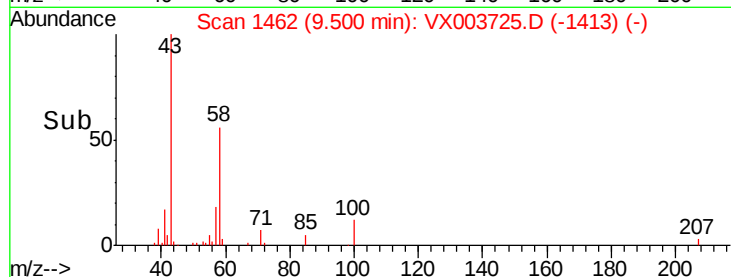
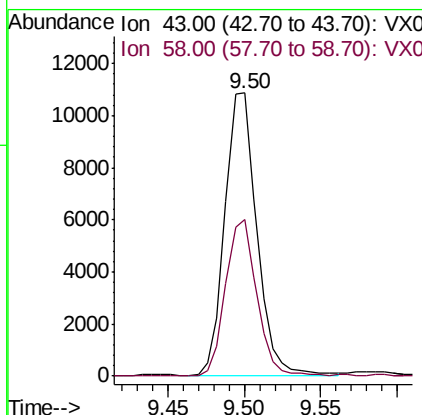
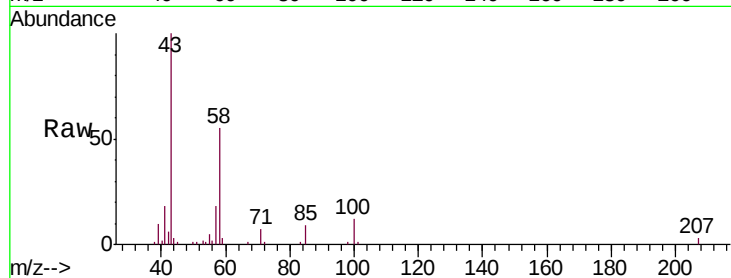




#59
2-Hexanone
Concen: 20.259 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

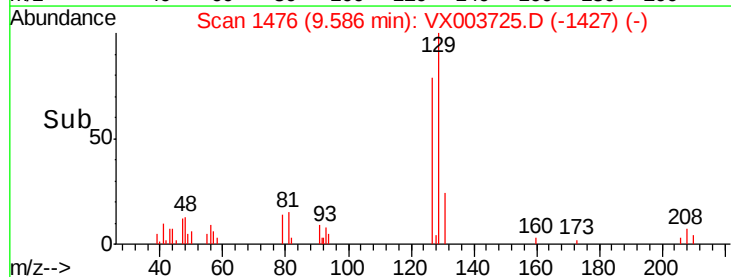
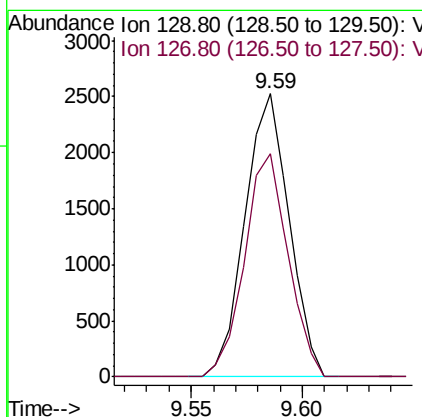
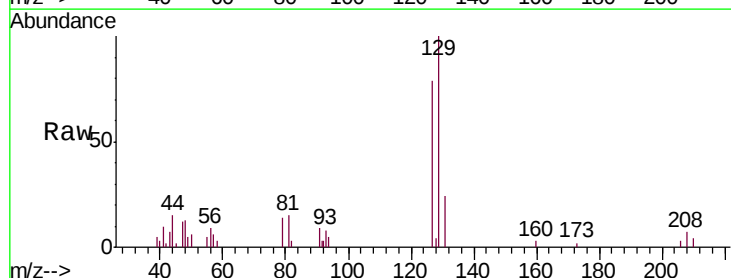
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

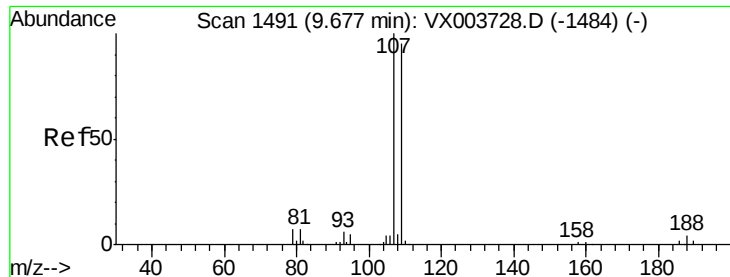
Tgt Ion: 43 Resp: 15912
Ion Ratio Lower Upper
43 100
58 53.5 28.0 83.9



#60
Dibromochloromethane
Concen: 4.106 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 129 Resp: 3487
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.441 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

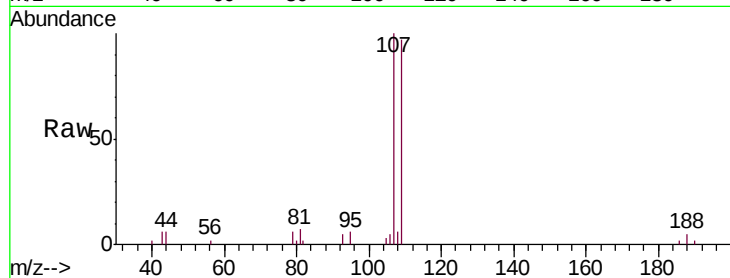
VSTDIC005

Tgt Ion: 107 Resp: 3824

Ion Ratio Lower Upper

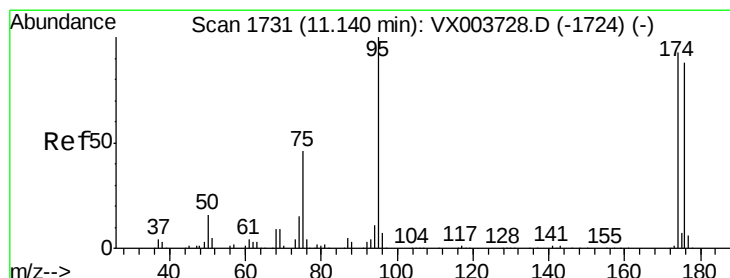
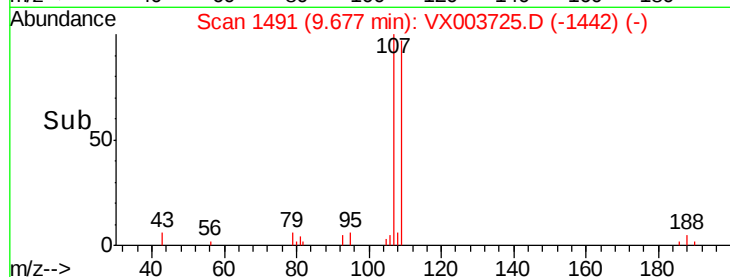
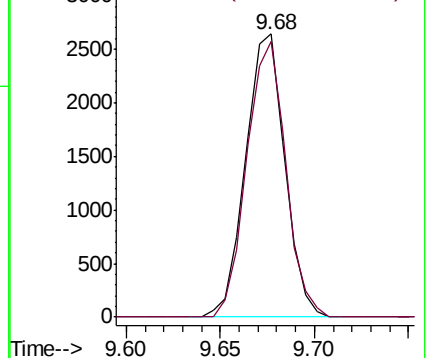
107 100

109 96.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.297 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

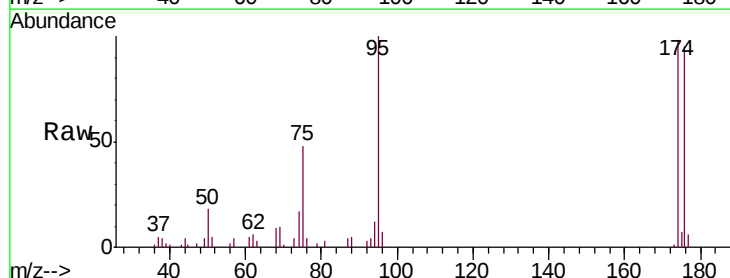
Tgt Ion: 95 Resp: 7018

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.2

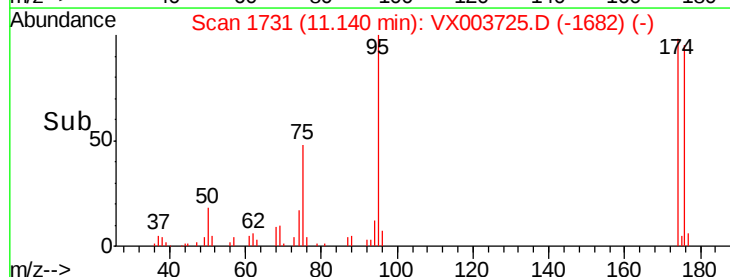
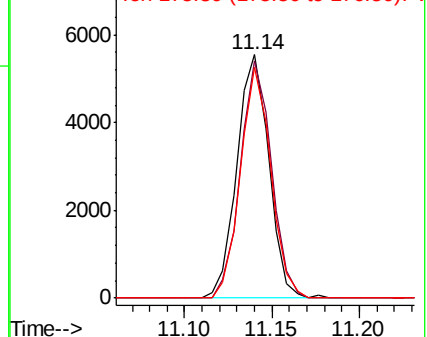
176 90.8 0.0 179.2

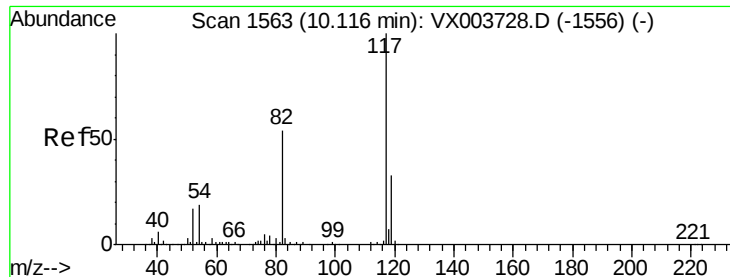


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

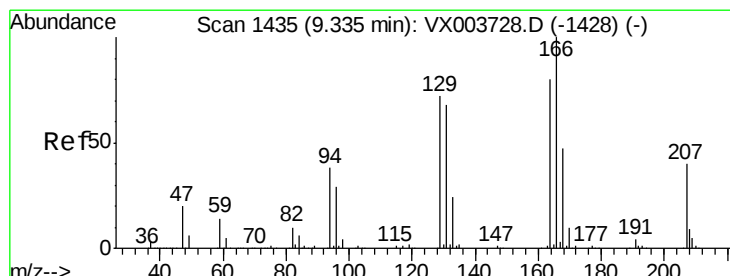
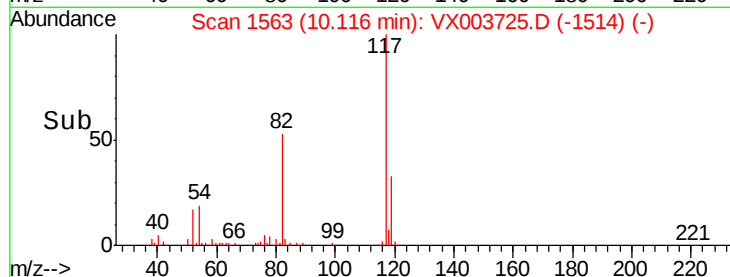
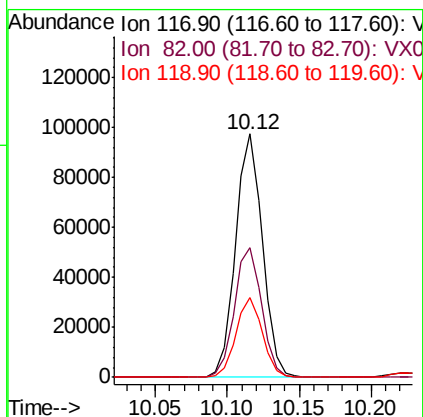
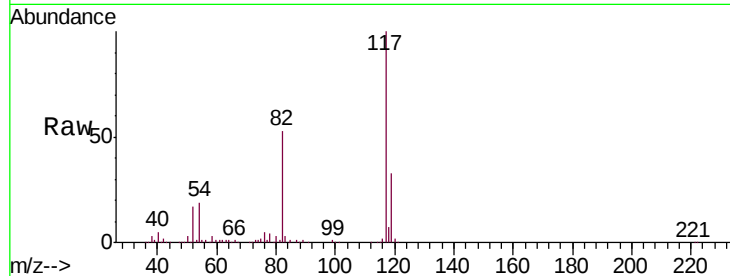




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

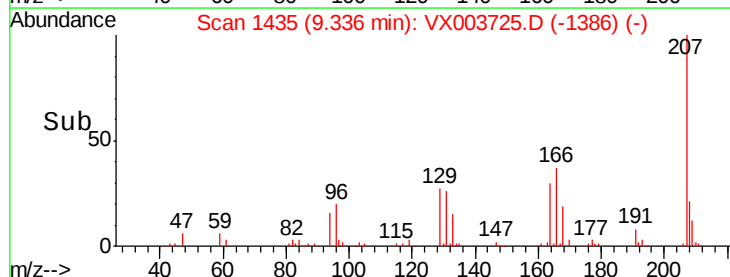
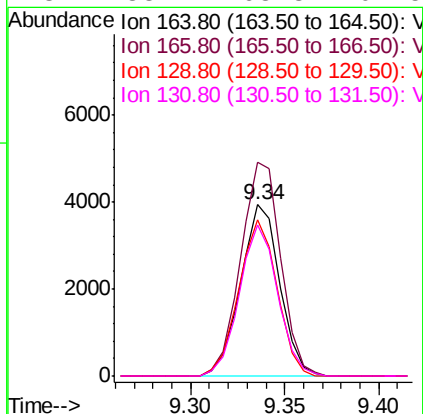
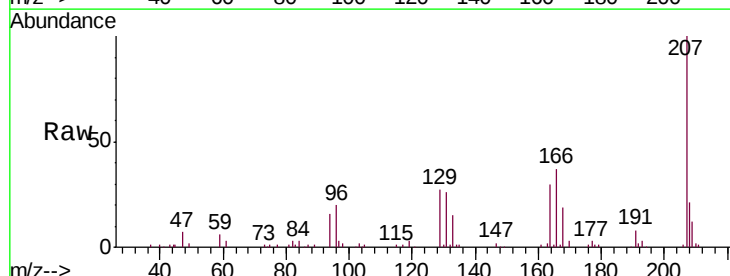
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

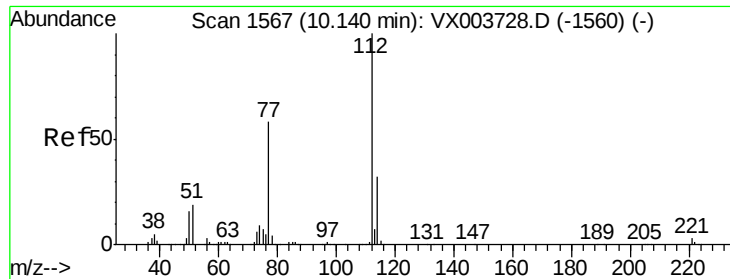
Tgt Ion:117 Resp: 127123
Ion Ratio Lower Upper
117 100
82 53.0 43.2 64.8
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 5.666 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion:164 Resp: 5662
Ion Ratio Lower Upper
164 100
166 124.6 100.4 150.6
129 91.4 71.8 107.8
131 88.2 68.3 102.5





#65

Chlorobenzene

Concen: 5.306 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

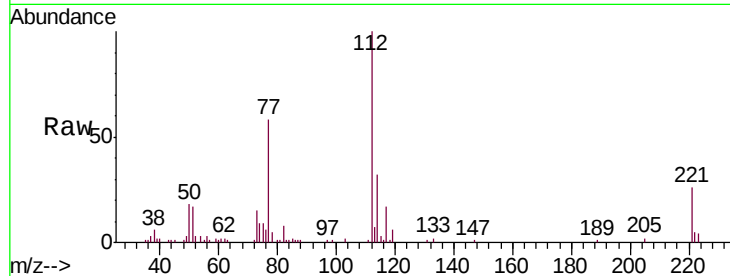
VSTDIC005

Tgt Ion:112 Resp: 14095

Ion Ratio Lower Upper

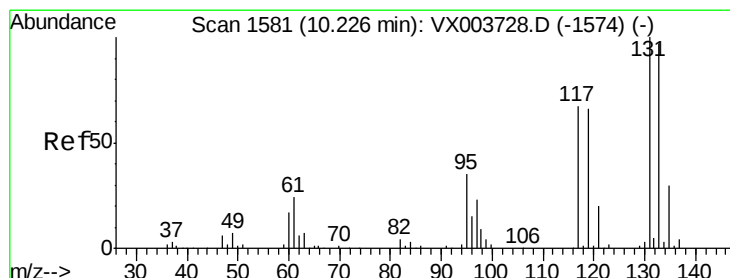
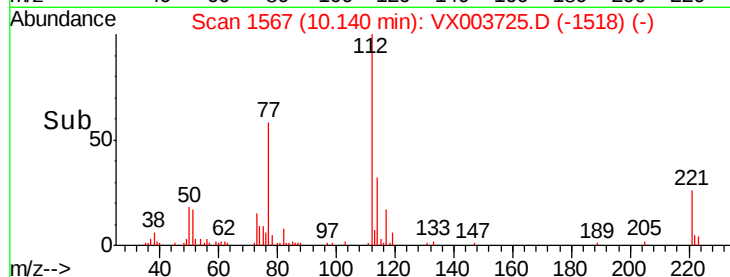
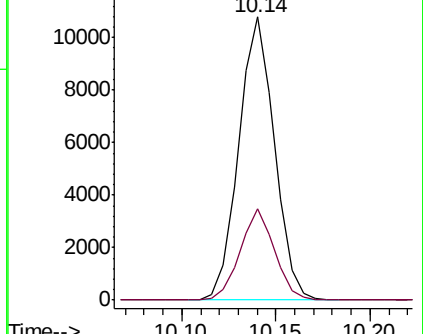
112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.667 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

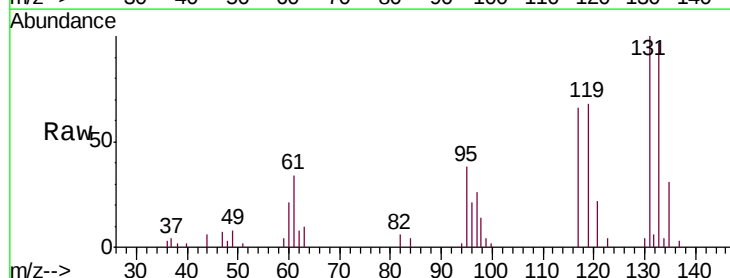
Tgt Ion:131 Resp: 4043

Ion Ratio Lower Upper

131 100

133 99.1 47.6 142.9

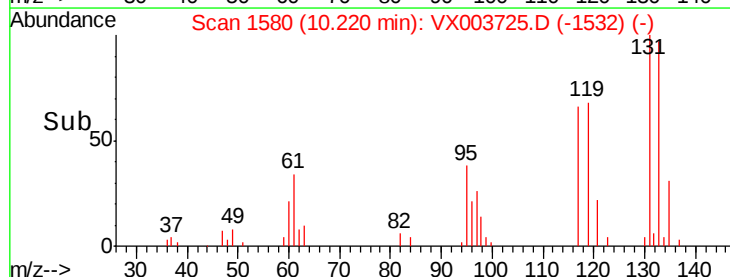
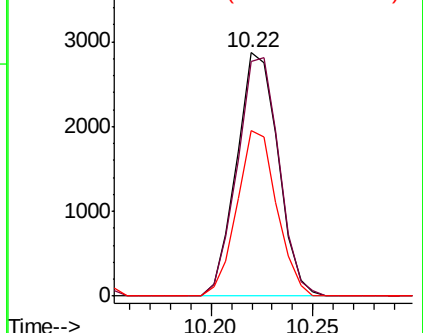
119 65.1 32.8 98.3

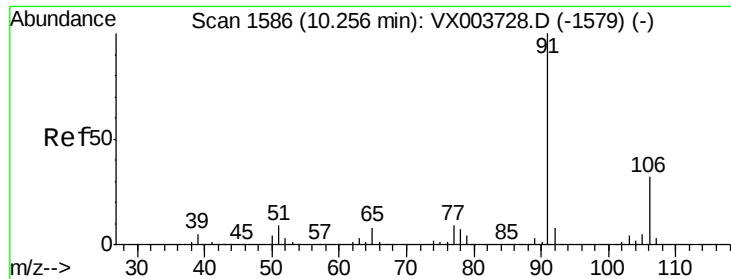


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

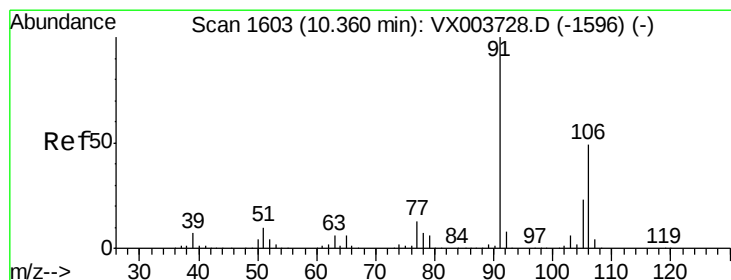
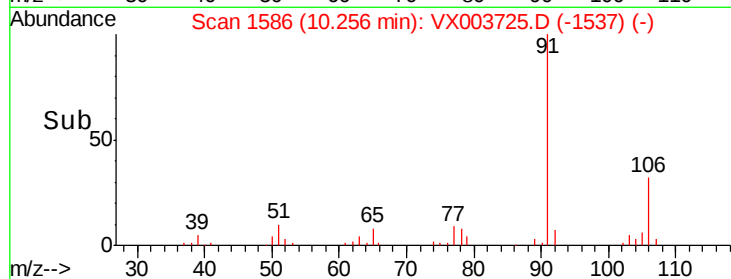
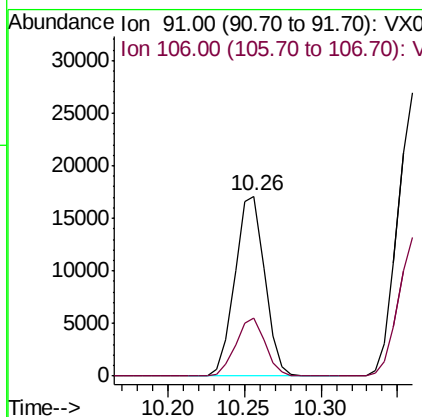
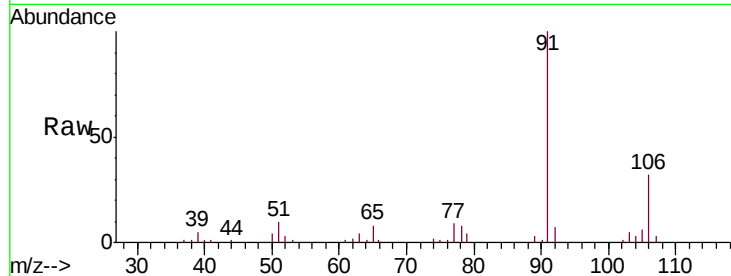




#67
Ethyl Benzene
Concen: 5.168 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

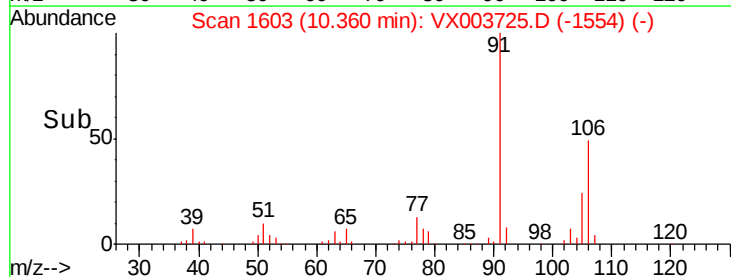
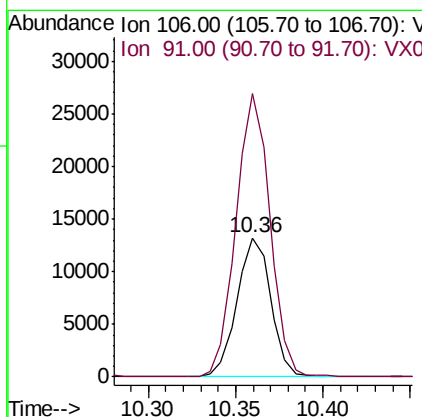
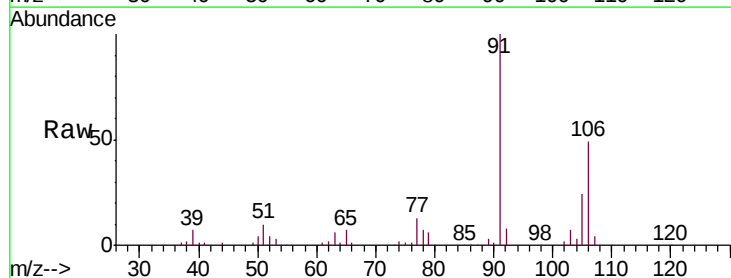
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

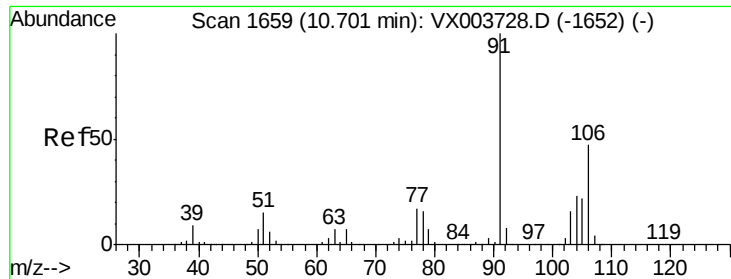
Tgt Ion: 91 Resp: 23180
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 10.152 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 106 Resp: 17814
Ion Ratio Lower Upper
106 100
91 204.7 159.8 239.8

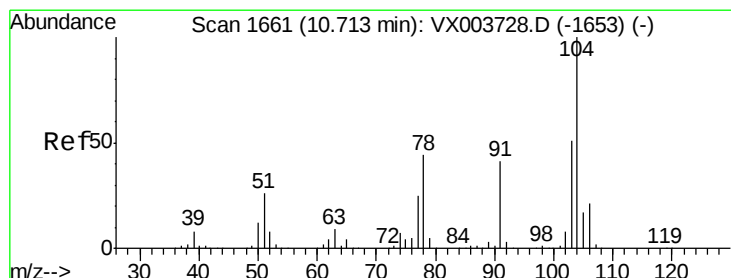
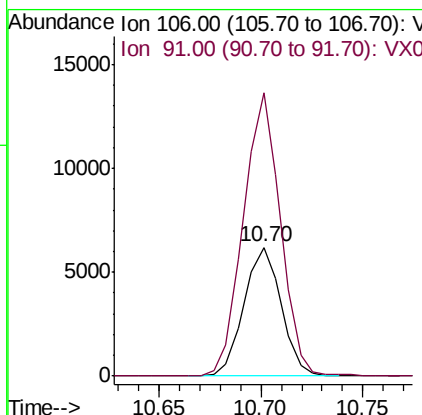
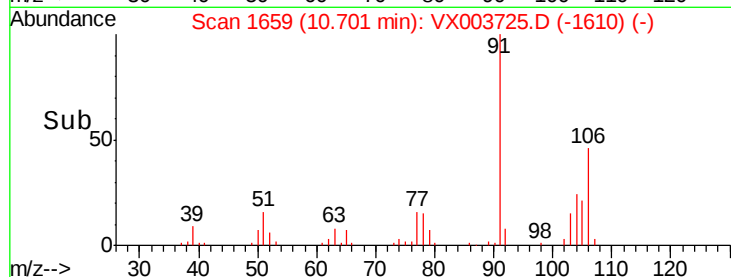
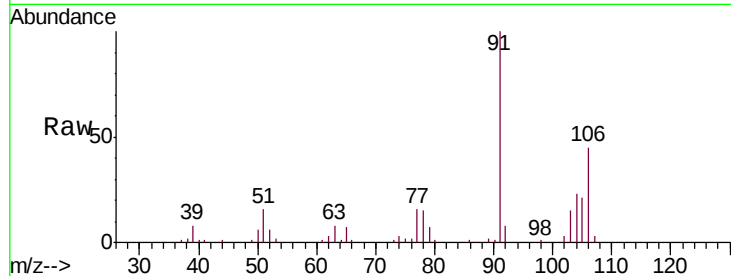




#69
o-Xylene
Concen: 4.819 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

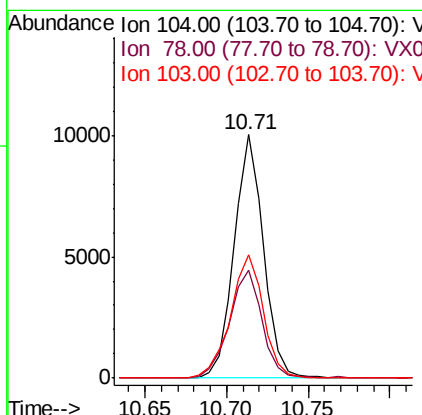
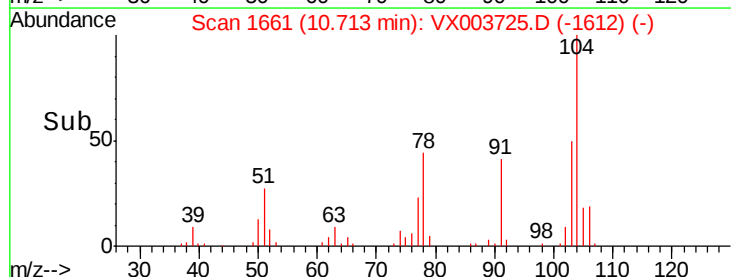
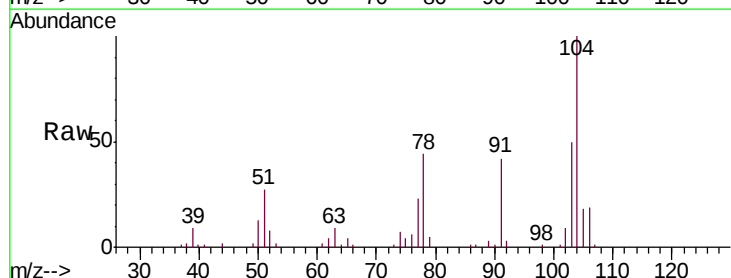
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

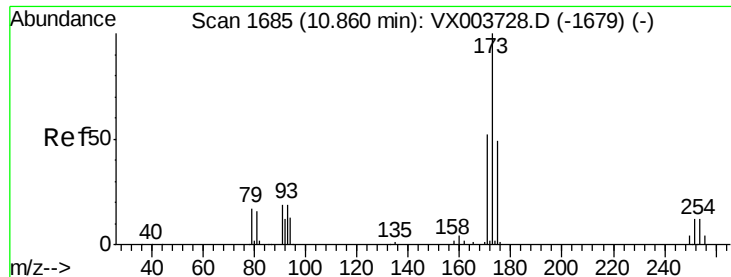
Tgt Ion:106 Resp: 7852
Ion Ratio Lower Upper
106 100
91 219.6 105.6 316.8



#70
Styrene
Concen: 4.570 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion:104 Resp: 12527
Ion Ratio Lower Upper
104 100
78 49.4 38.2 57.2
103 56.4 44.5 66.7





#71

Bromoform

Concen: 3.996 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

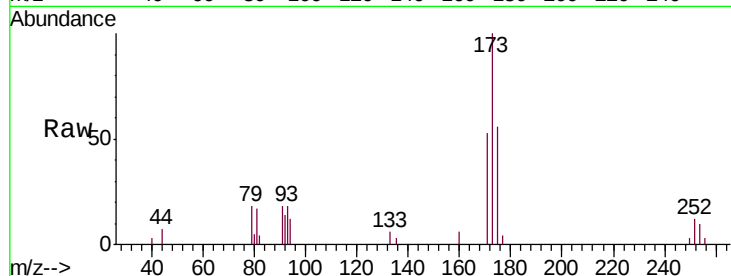
Tgt Ion:173 Resp: 2380

Ion Ratio Lower Upper

173 100

175 55.3 24.9 74.6

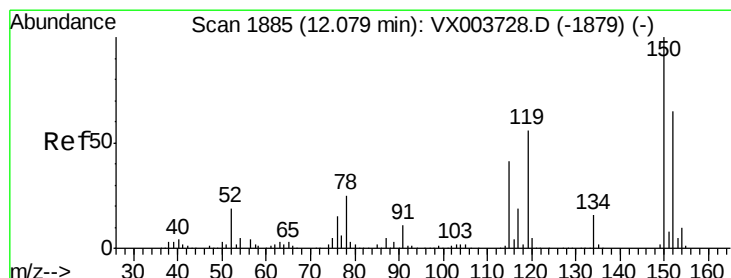
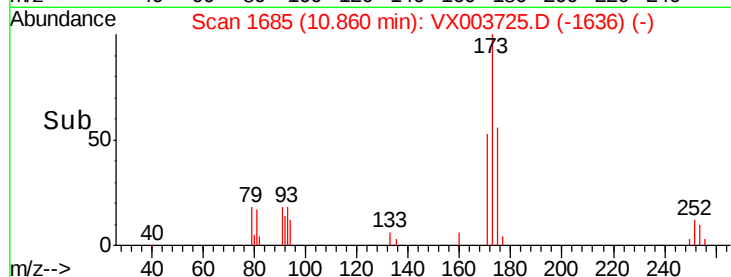
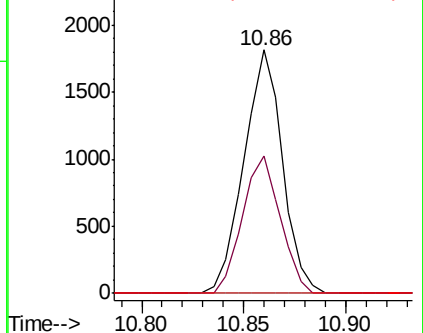
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

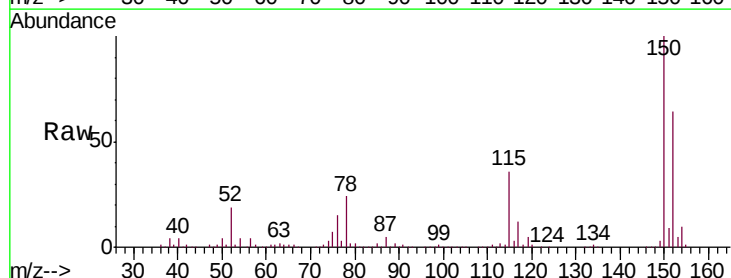
Tgt Ion:152 Resp: 68924

Ion Ratio Lower Upper

152 100

115 57.5 38.5 115.3

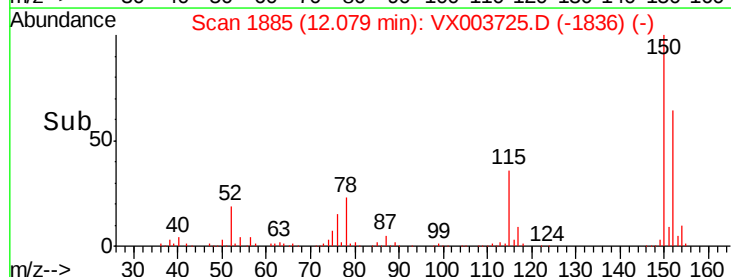
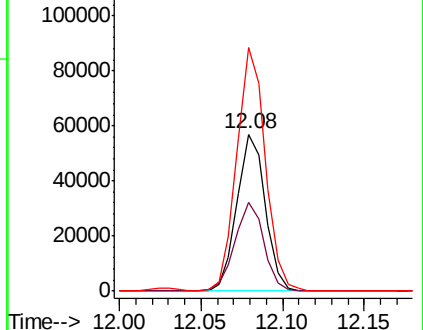
150 156.4 0.0 346.2

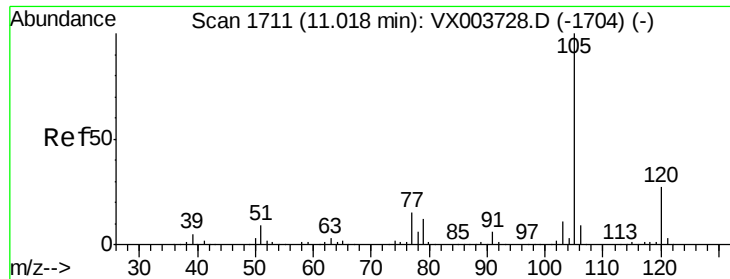


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.318 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

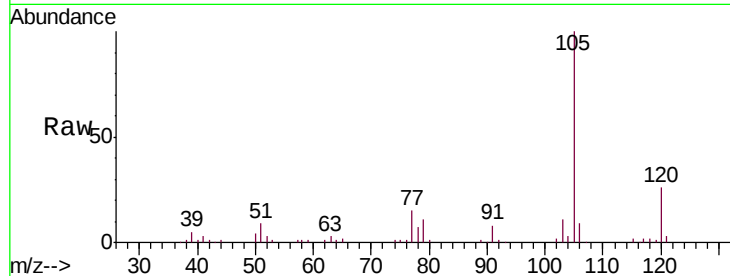
VSTDIC005

Tgt Ion: 105 Resp: 22946

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

20000

15000

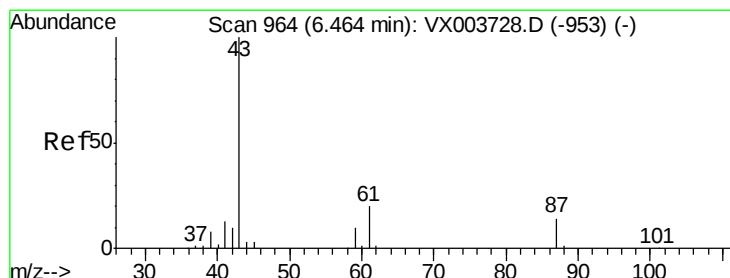
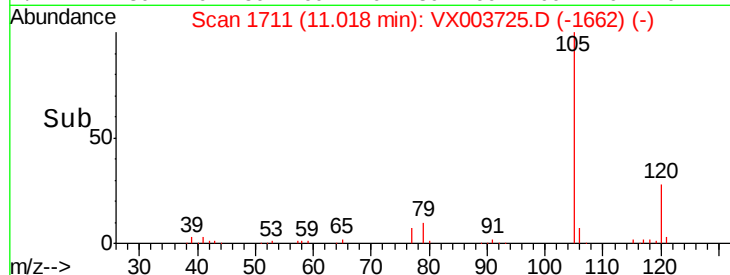
10000

5000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 5.137 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Tgt Ion: 43 Resp: 7050

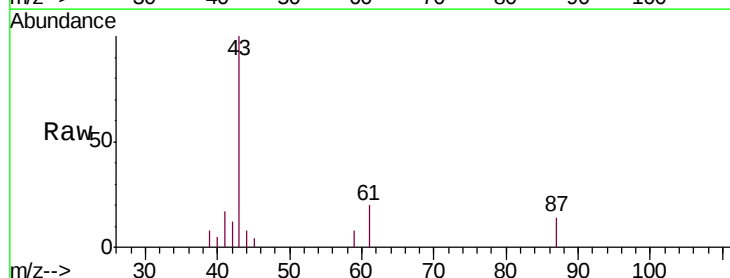
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 19.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

4000

3000

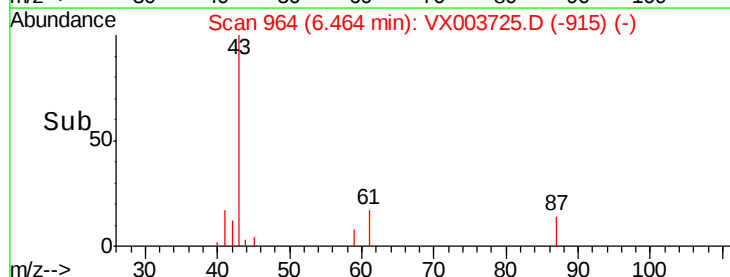
2000

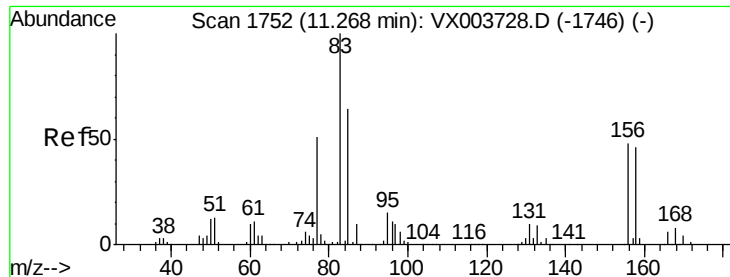
1000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 4.682 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

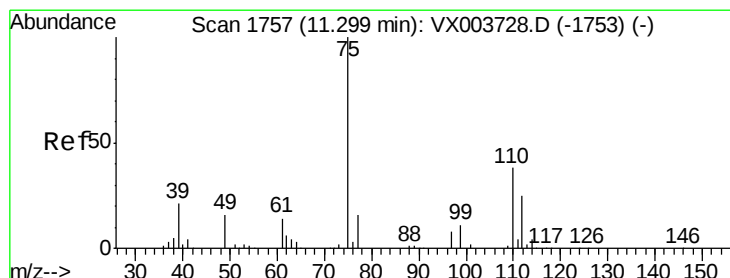
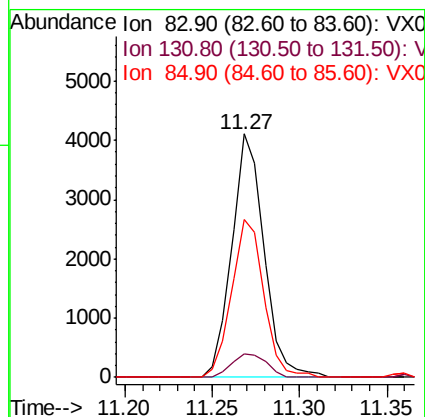
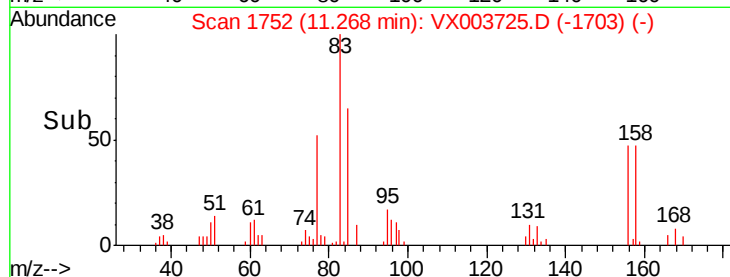
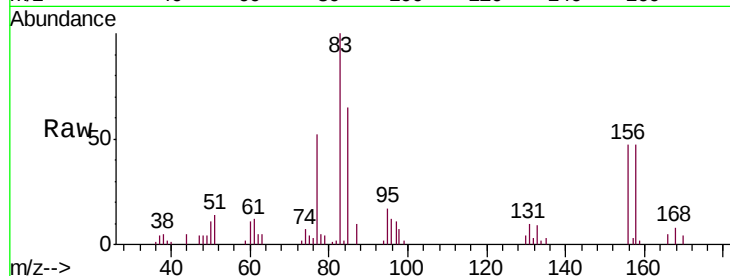
Tgt Ion: 83 Resp: 5252

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 65.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 5.935 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003725.D

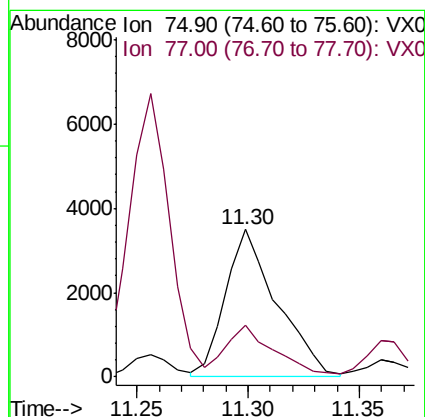
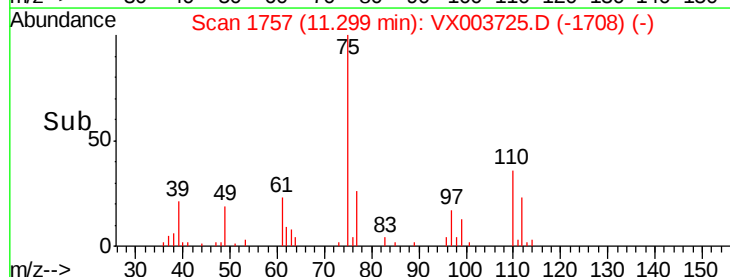
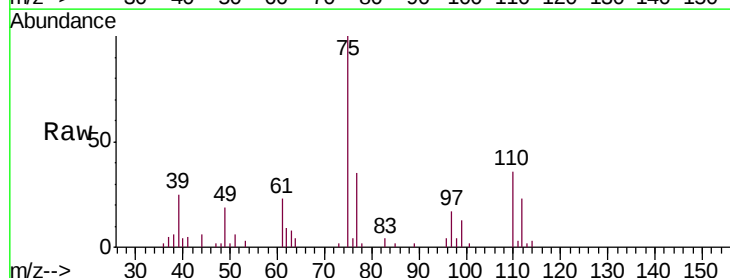
Acq: 30 Jul 2018 15:59

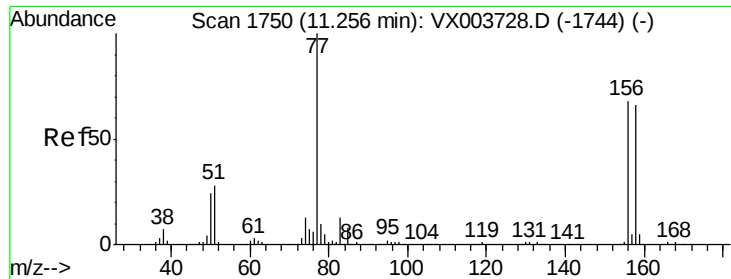
Tgt Ion: 75 Resp: 5638

Ion Ratio Lower Upper

75 100

77 33.6 21.6 65.0





#77

Bromobenzene

Concen: 5.183 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

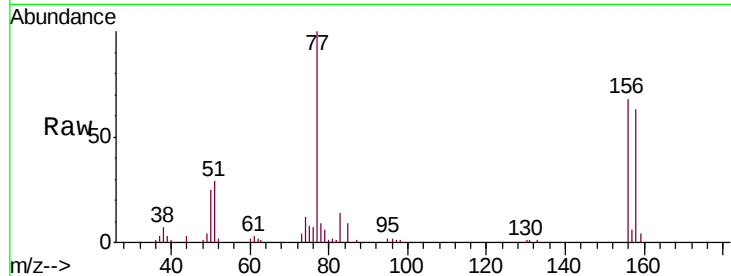
Tgt Ion:156 Resp: 5830

Ion Ratio Lower Upper

156 100

77 146.7 71.8 215.3

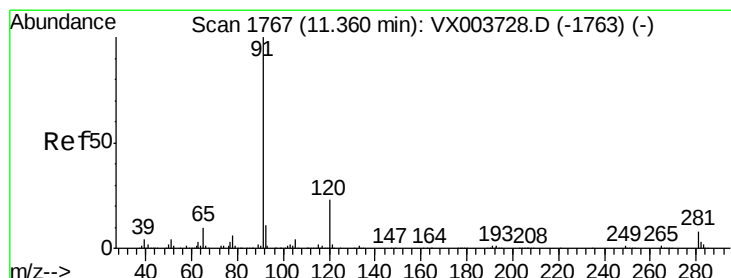
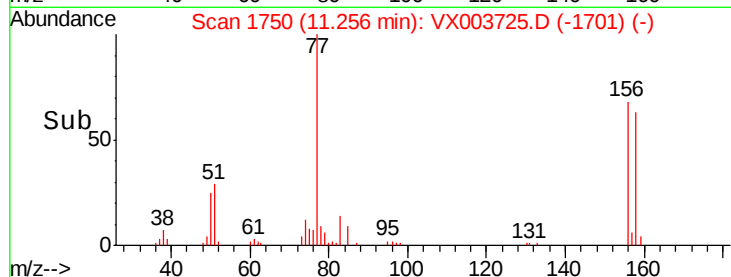
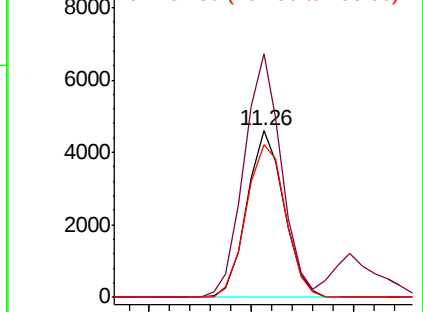
158 96.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.464 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003725.D

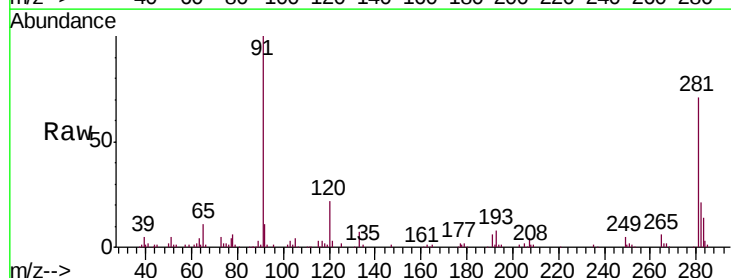
Acq: 30 Jul 2018 15:59

Tgt Ion: 91 Resp: 28564

Ion Ratio Lower Upper

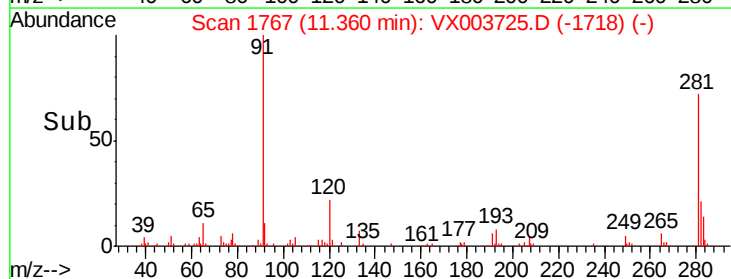
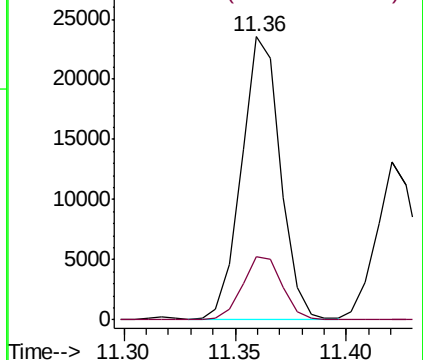
91 100

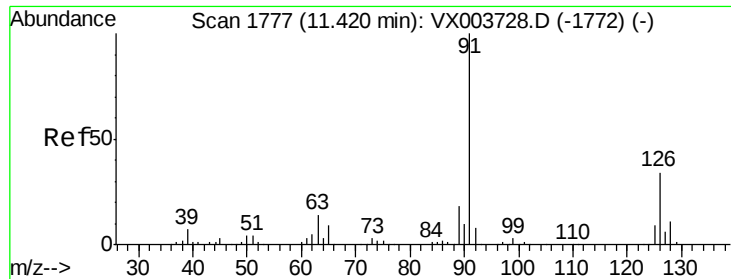
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.436 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003725.D

Acq: 30 Jul 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

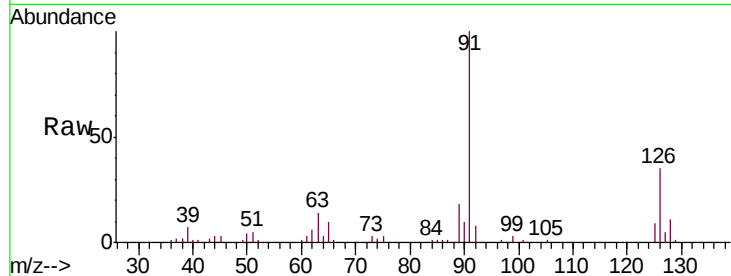
VSTDIC005

Tgt Ion: 91 Resp: 16132

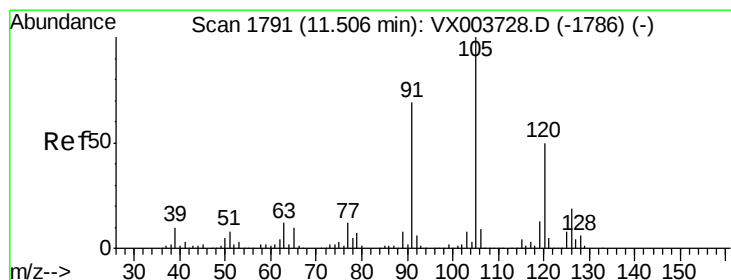
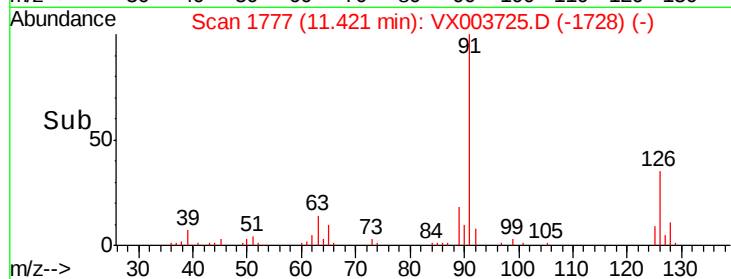
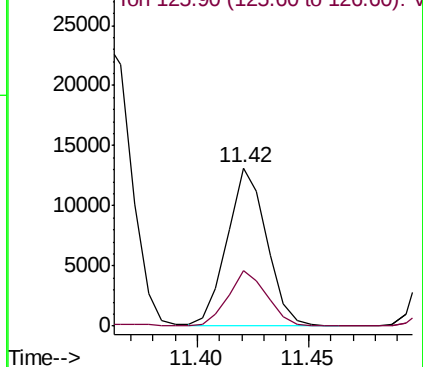
Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX003725.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.559 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003725.D

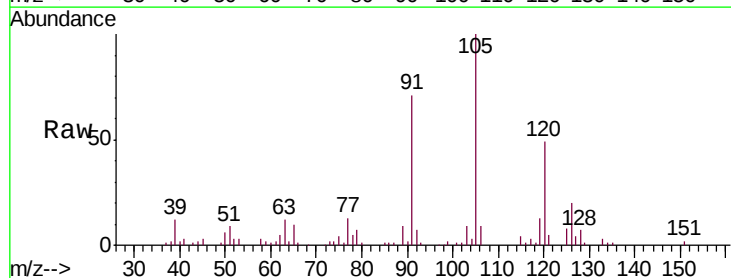
Acq: 30 Jul 2018 15:59

Tgt Ion: 105 Resp: 19189

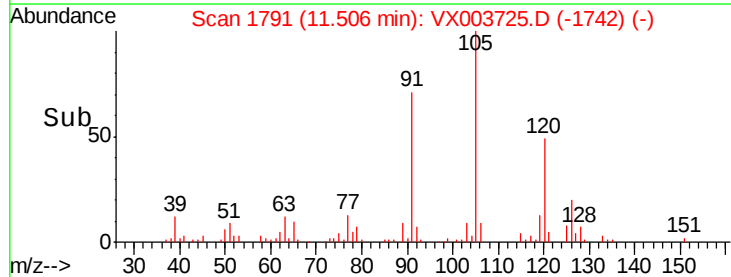
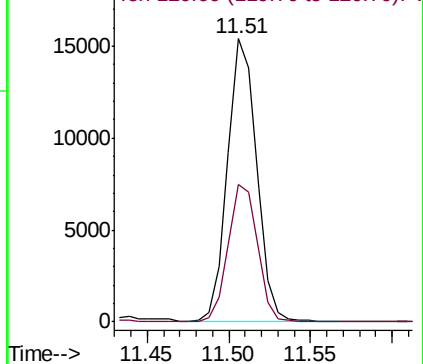
Ion Ratio Lower Upper

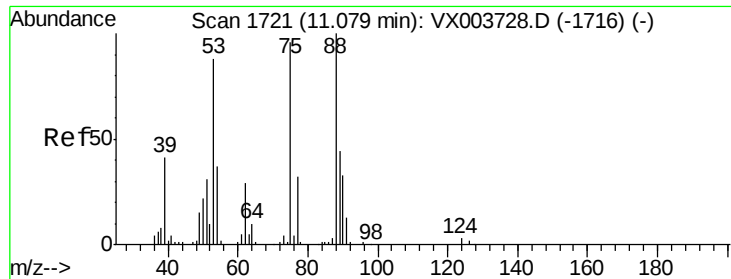
105 100

120 48.8 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): VX003725.D (-1786) (-)

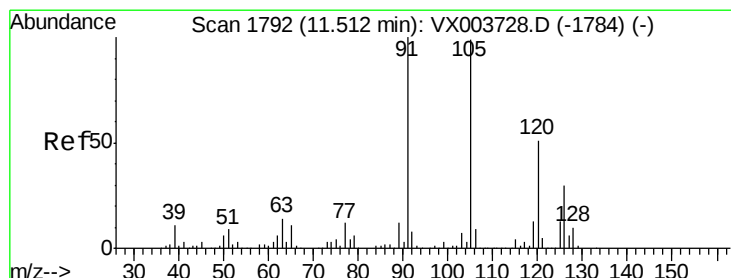
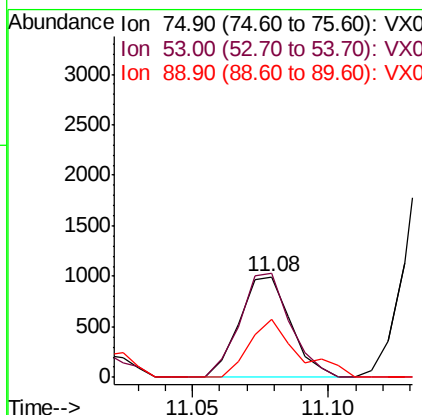
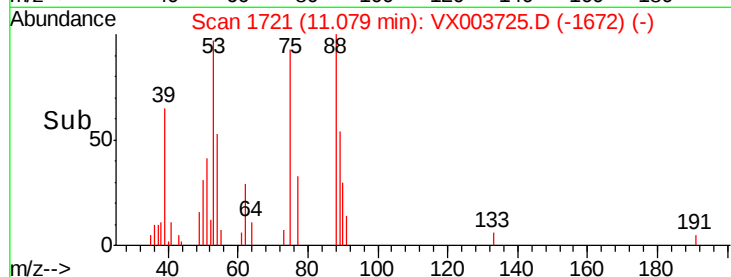
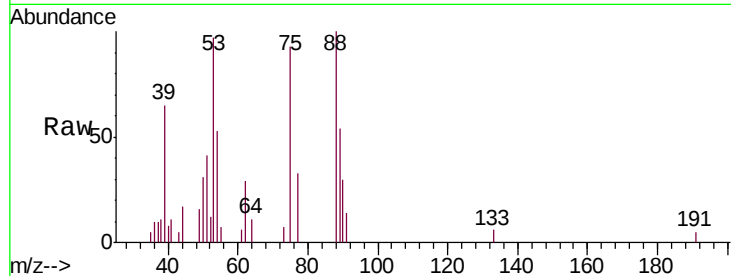




#81
trans-1,4-Dichloro-2-butene
Concen: 4.072 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

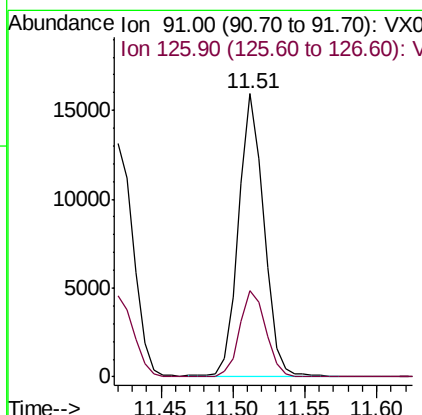
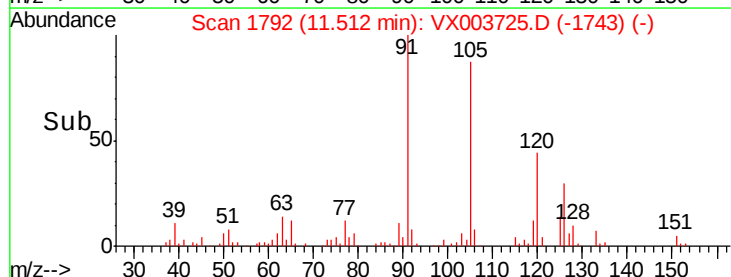
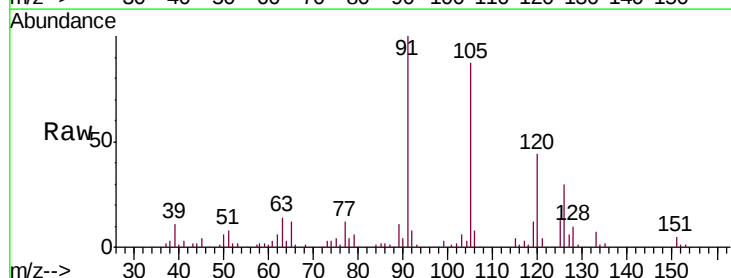
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

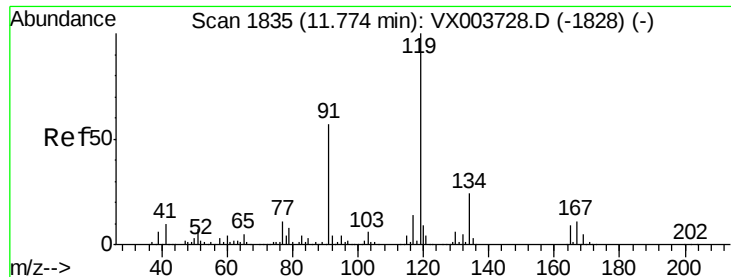
Tgt Ion: 75 Resp: 1306
Ion Ratio Lower Upper
75 100
53 101.1 75.8 113.8
89 54.4 39.1 58.7



#82
4-Chlorotoluene
Concen: 5.462 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 91 Resp: 19663
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7

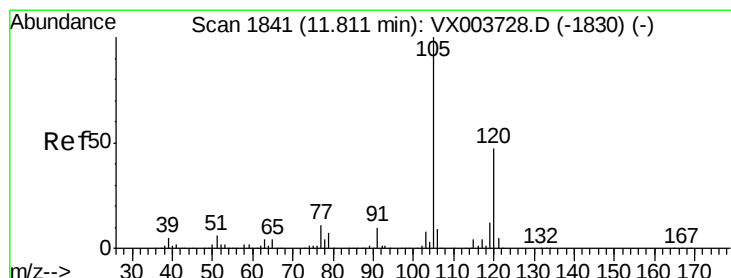
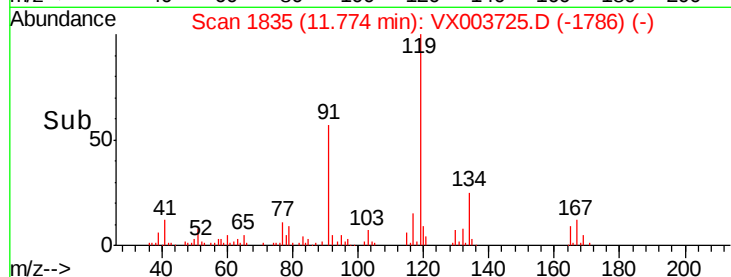
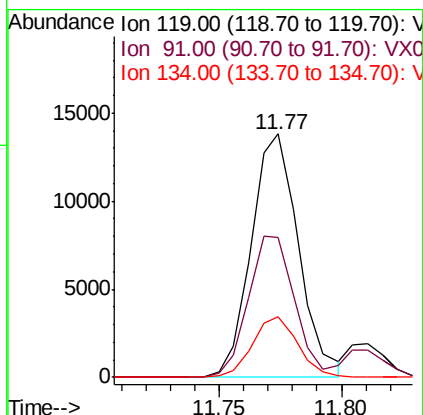
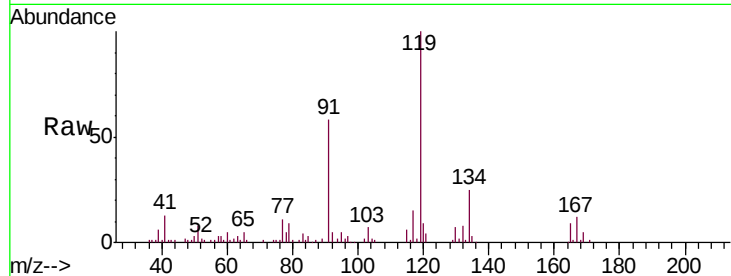




#83
 tert-Butylbenzene
 Concen: 5.130 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

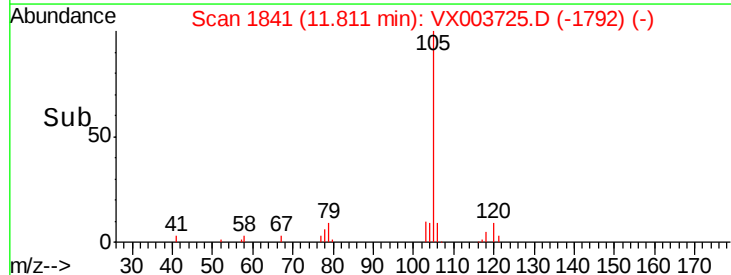
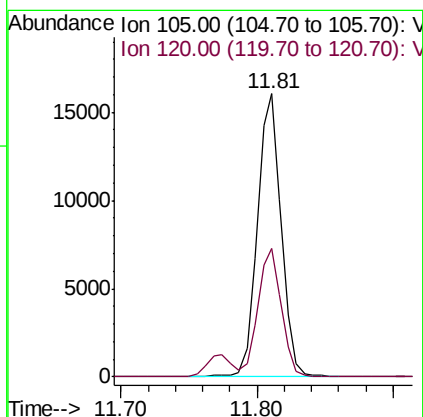
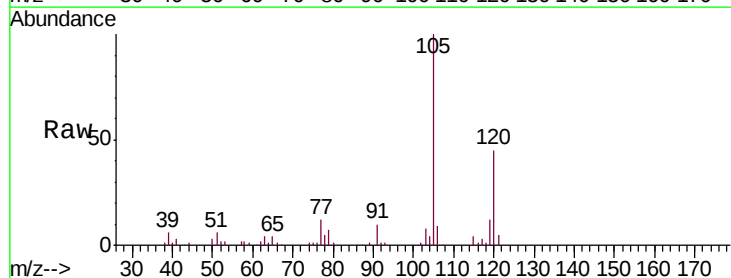
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

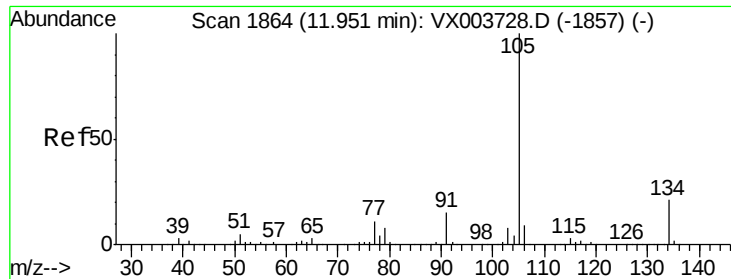
Tgt Ion:119 Resp: 18686
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.2 81.6
 134 23.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.201 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion:105 Resp: 19718
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2

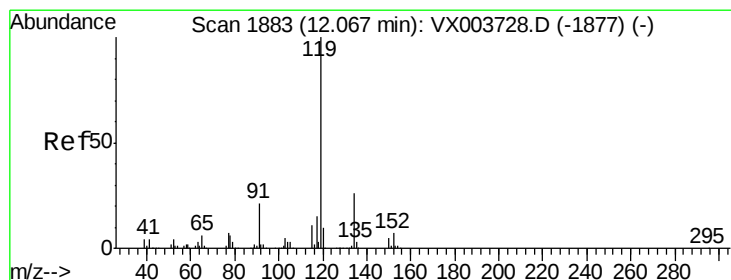
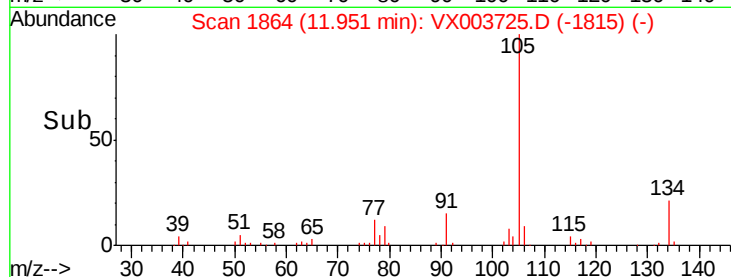
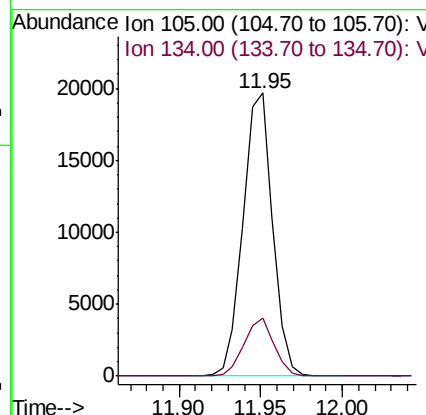
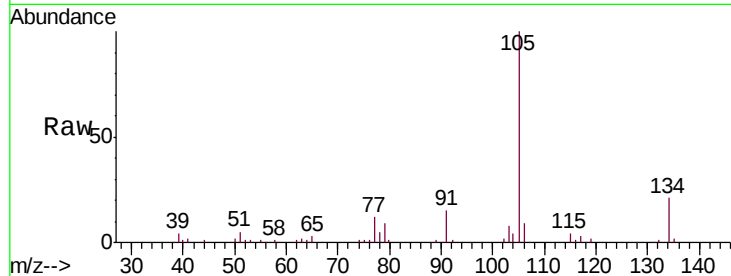




#85
 sec-Butylbenzene
 Concen: 5.350 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

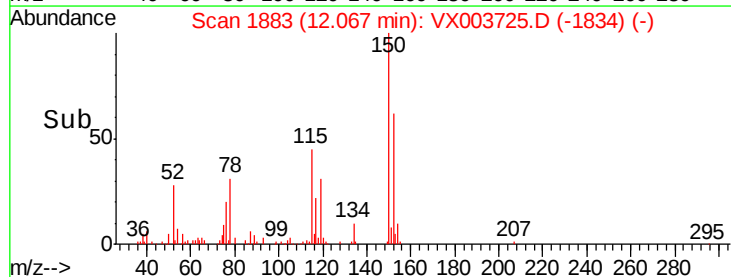
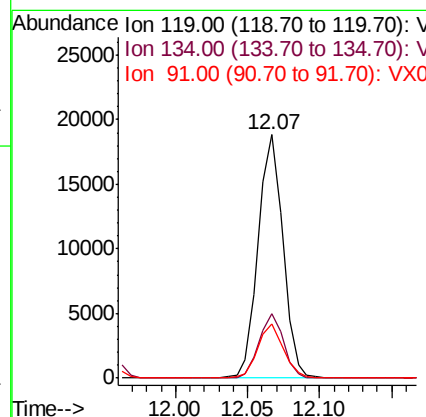
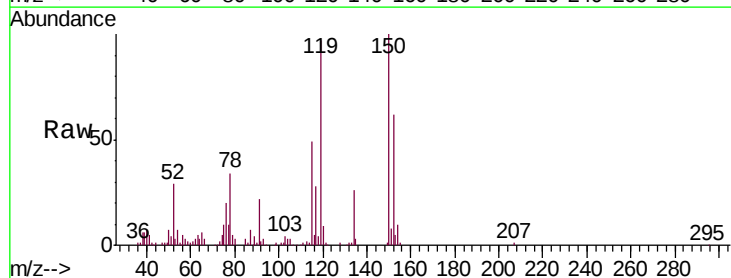
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

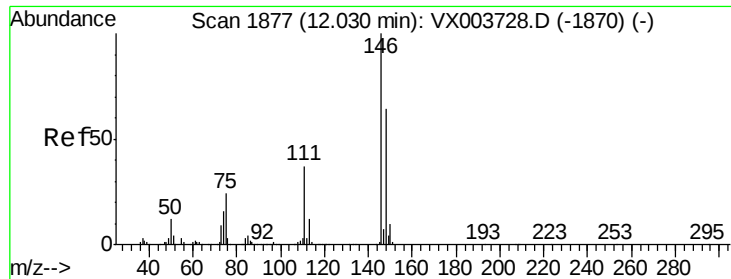
Tgt Ion:105 Resp: 24935
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 5.974 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion:119 Resp: 22323
 Ion Ratio Lower Upper
 119 100
 134 26.0 10.1 30.1
 91 23.1 23.6 70.8#

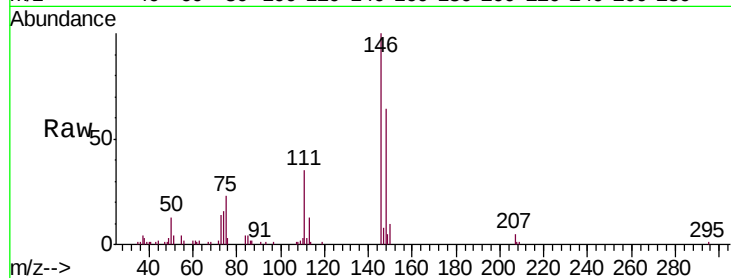




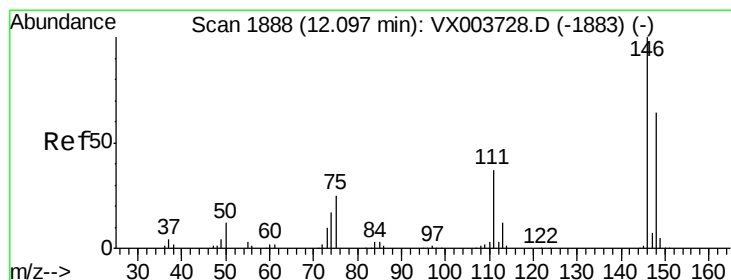
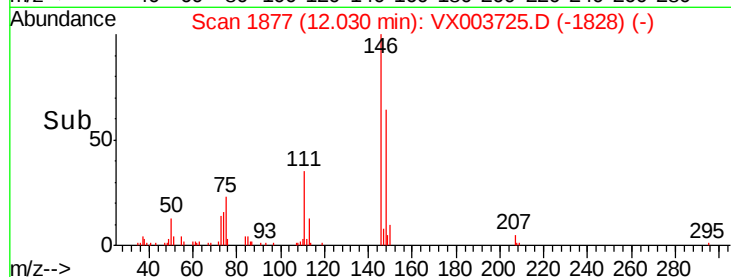
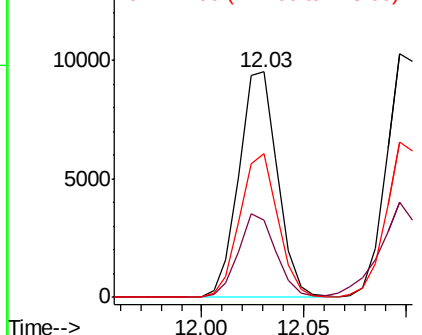
#87
 1,3-Dichlorobenzene
 Concen: 5.502 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 12521
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.8 56.3
 148 62.7 31.9 95.9

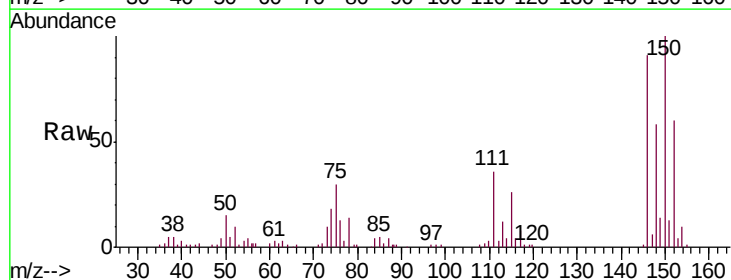


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

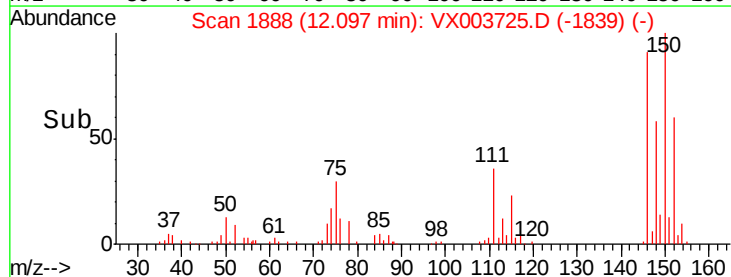
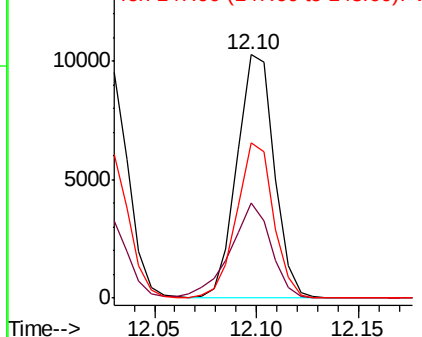


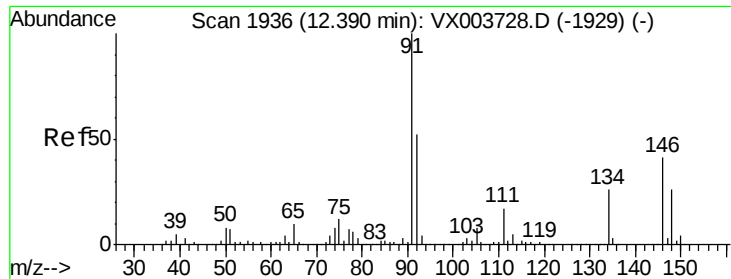
#88
 1,4-Dichlorobenzene
 Concen: 5.629 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion:146 Resp: 13069
 Ion Ratio Lower Upper
 146 100
 111 43.0 18.3 54.9
 148 63.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

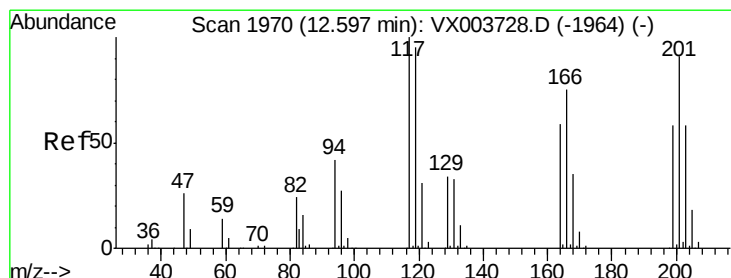
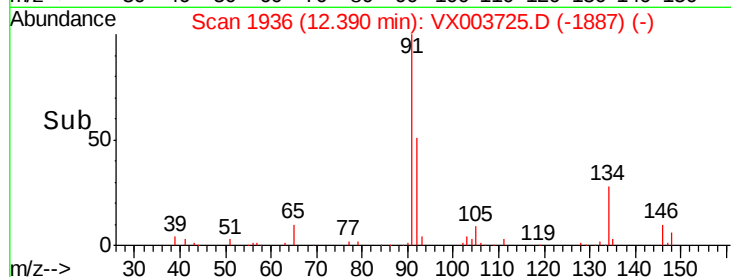
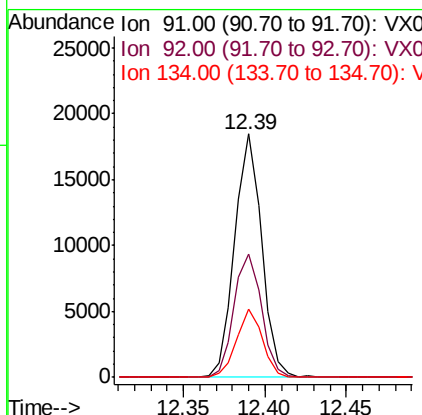
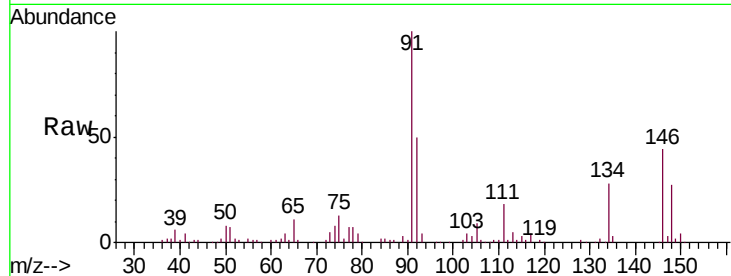




#89
n-Butylbenzene
Concen: 5.286 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

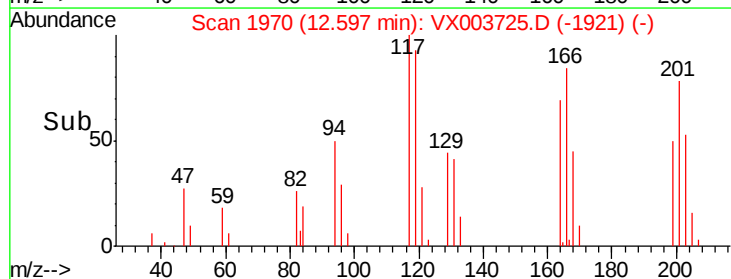
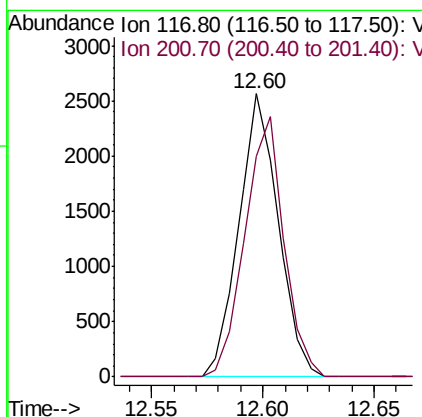
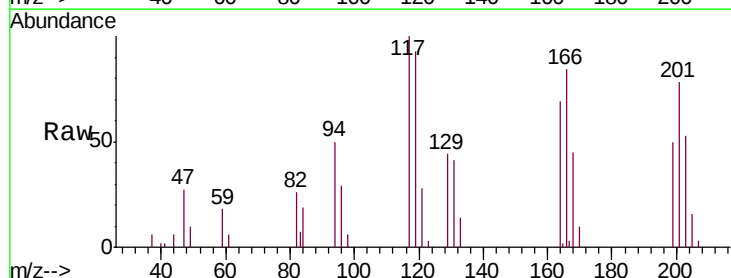
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

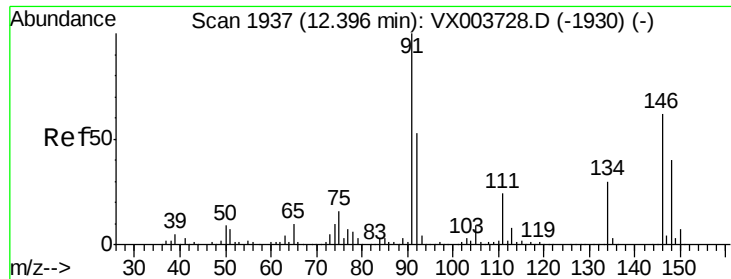
Tgt Ion: 91 Resp: 21311
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 5.037 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion: 117 Resp: 3168
Ion Ratio Lower Upper
117 100
201 90.8 49.3 147.8

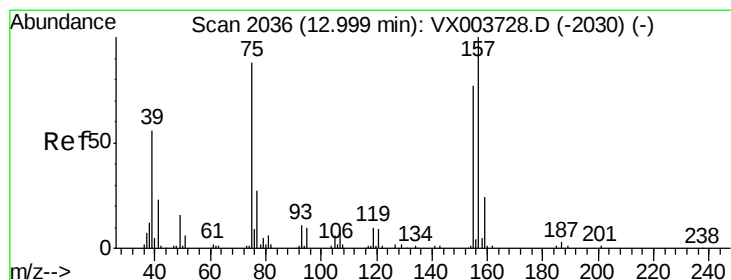
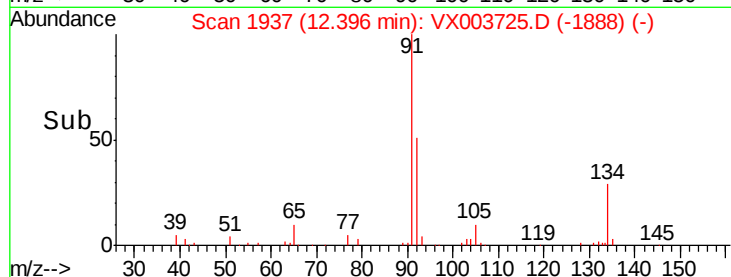
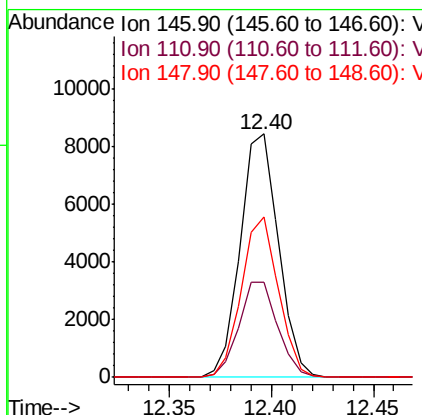
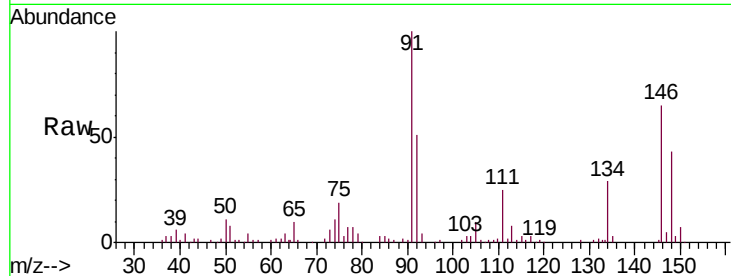




#91
 1,2-Dichlorobenzene
 Concen: 5.189 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

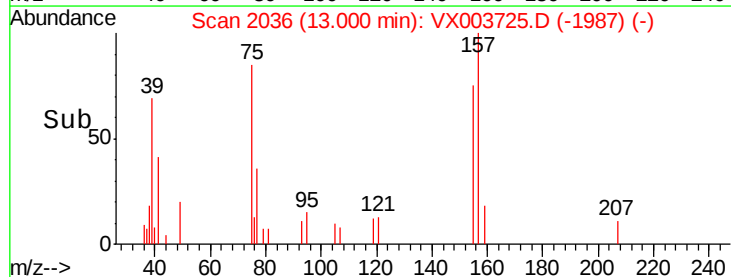
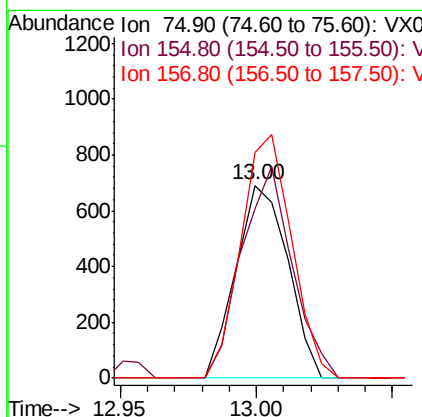
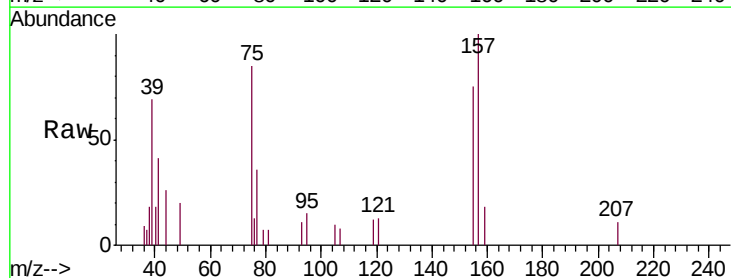
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

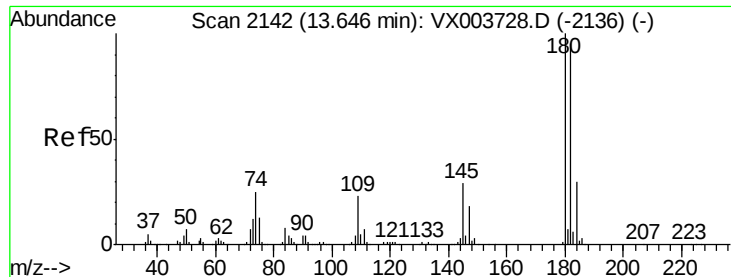
Tgt Ion: 146 Resp: 10997
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.4
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.115 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion: 75 Resp: 916
 Ion Ratio Lower Upper
 75 100
 155 107.0 48.9 146.7
 157 123.3 63.7 191.1

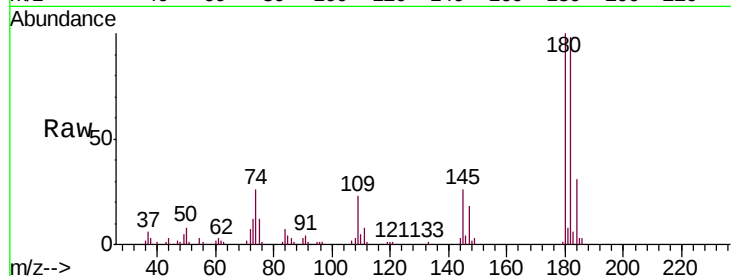




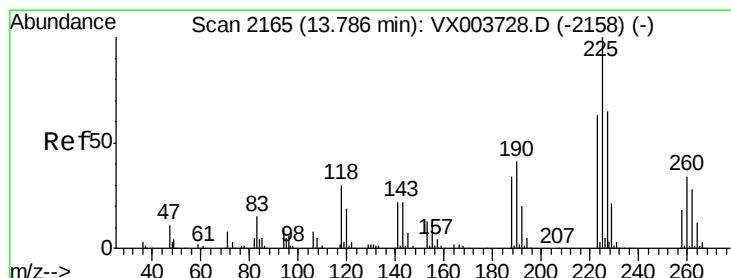
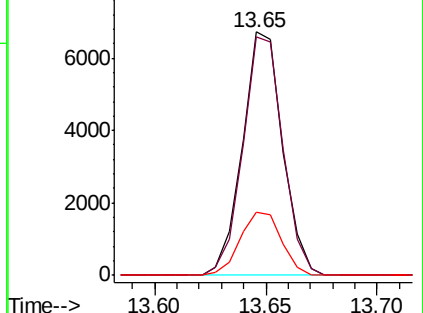
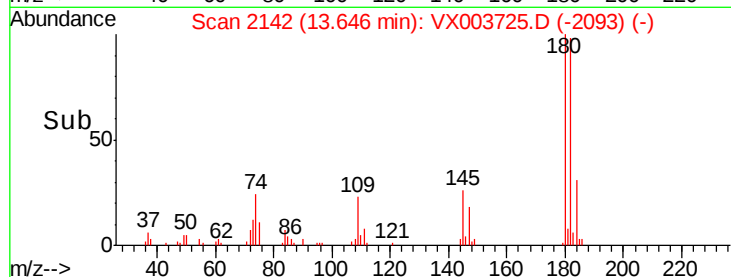
#93
 1,2,4-Trichlorobenzene
 Concen: 5.031 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 8458
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.6 142.9
 145 26.8 14.1 42.2

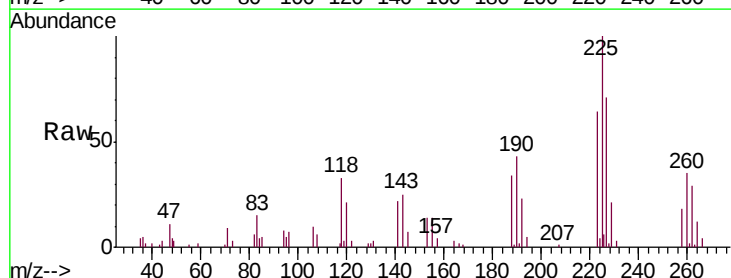


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

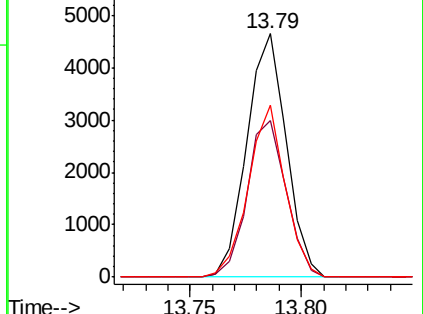
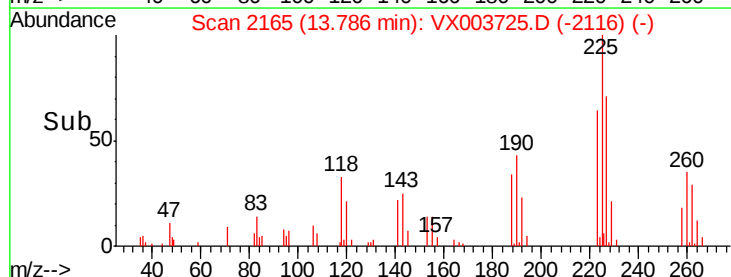


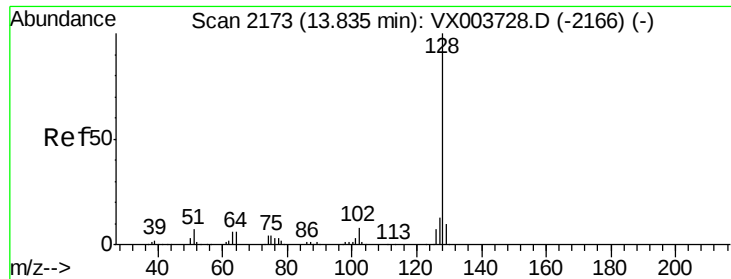
#94
 Hexachlorobutadiene
 Concen: 5.339 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003725.D
 Acq: 30 Jul 2018 15:59

Tgt Ion:225 Resp: 5740
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.5
 227 66.2 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

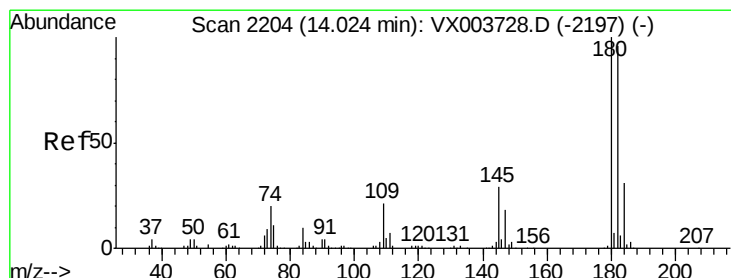
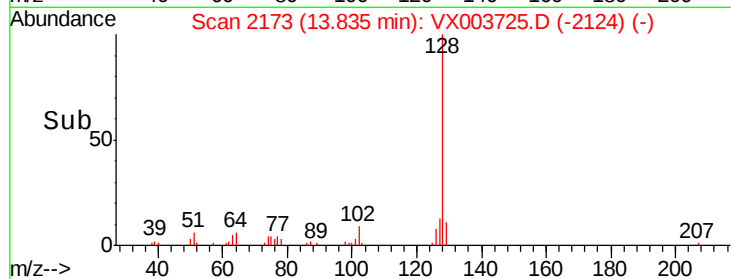
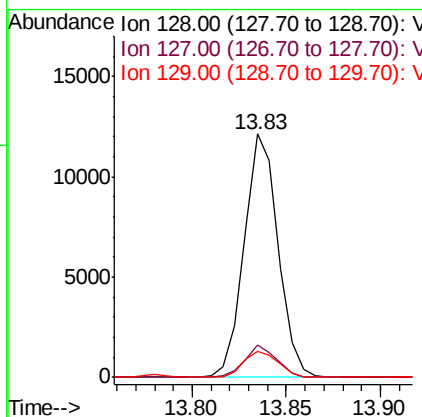
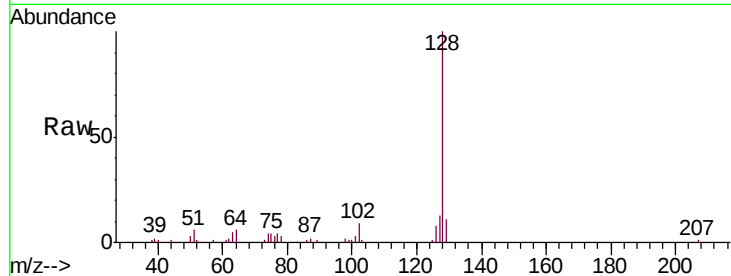




#95
Naphthalene
Concen: 4.200 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 15089
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.678 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003725.D
Acq: 30 Jul 2018 15:59

Tgt Ion:180 Resp: 7139
Ion Ratio Lower Upper
180 100
182 97.4 47.9 143.8
145 32.4 14.7 44.1

