

Data File : VX003726.D
Acq On : 30 Jul 2018 16:24
Operator : JC/SP
Sample : VSTDIC010
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Quant Time: Jul 31 05:25:35 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	110560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	168007	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	149530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	11949	10.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.38%	
35) Dibromofluoromethane	5.50	113	9438	9.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.08%	
50) Toluene-d8	8.72	98	40715	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
62) 4-Bromofluorobenzene	11.14	95	14988	9.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	9692	10.386	ug/l	98
3) Chloromethane	1.32	50	12113	10.326	ug/l	99
4) Vinyl Chloride	1.40	62	12544	9.941	ug/l #	87
5) Bromomethane	1.63	94	8821	11.613	ug/l	87
6) Chloroethane	1.71	64	8580	9.661	ug/l	98
7) Trichlorofluoromethane	1.92	101	17164	15.013	ug/l	99
8) Diethyl Ether	2.18	74	6453	10.320	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10678	10.174	ug/l	99
10) Methyl Iodide	2.50	142	10810	8.958	ug/l	98
11) Tert butyl alcohol	3.08	59	9014	49.785	ug/l	97
12) 1,1-Dichloroethene	2.37	96	9927	9.285	ug/l	93
13) Acrolein	2.29	56	4164	70.293	ug/l	91
14) Allyl chloride	2.72	41	18061	10.310	ug/l	97
15) Acrylonitrile	3.15	53	23572	51.192	ug/l	99
16) Acetone	2.45	43	21922	51.326	ug/l	98
17) Carbon Disulfide	2.56	76	32127	9.992	ug/l	99
18) Methyl Acetate	2.78	43	11779	9.814	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	28133	10.459	ug/l	96
20) Methylene Chloride	2.85	84	14102	10.769	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	11013	10.171	ug/l	97
22) Diisopropyl ether	3.87	45	32791	10.369	ug/l	99
23) Vinyl Acetate	3.82	43	112451	49.304	ug/l	100
24) 1,1-Dichloroethane	3.70	63	18679	10.128	ug/l	98
25) 2-Butanone	4.70	43	31240	50.174	ug/l	99
26) 2,2-Dichloropropane	4.58	77	14791	10.183	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	11742	10.063	ug/l	94
28) Bromochloromethane	5.02	49	8629	10.431	ug/l	95
29) Tetrahydrofuran	5.16	42	20721	52.222	ug/l	99
30) Chloroform	5.21	83	18825	10.359	ug/l	100
31) Cyclohexane	5.57	56	17901	10.049	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	15655	10.023	ug/l	99
36) 1,1-Dichloropropene	5.80	75	15517	9.862	ug/l	98
37) Ethyl Acetate	4.85	43	11677	9.662	ug/l	97
38) Carbon Tetrachloride	5.78	117	13994	9.616	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	18431	9.541	ug/l	90
40) Benzene	6.14	78	46693	10.356	ug/l	99
41) Methacrylonitrile	5.06	41	6737	9.889	ug/l	97
42) 1,2-Dichloroethane	6.20	62	14105	10.358	ug/l	98
43) Isopropyl Acetate	6.46	43	19362	10.055	ug/l	99
44) Trichloroethene	7.21	130	13001	10.108	ug/l	83
45) 1,2-Dichloropropane	7.51	63	10997	9.918	ug/l	97
46) Dibromomethane	7.66	93	6208	9.716	ug/l	97
47) Bromodichloromethane	7.90	83	12063	9.474	ug/l	96
48) Methyl methacrylate	7.77	41	9298	9.626	ug/l	99
49) 1,4-Dioxane	7.76	88	3807	195.276	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	57317	48.432	ug/l	98
52) Toluene	8.79	92	27716	9.854	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	13607	9.356	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	15091	9.310	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	9642	9.961	ug/l	98
56) Ethyl methacrylate	9.18	69	12153	9.140	ug/l	97
57) 1,3-Dichloropropane	9.37	76	16163	9.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	27034	42.501	ug/l	99
59) 2-Hexanone	9.50	43	42644	47.299	ug/l	97
60) Dibromochloromethane	9.59	129	9065	9.299	ug/l	97
61) 1,2-Dibromoethane	9.67	107	9599	9.713	ug/l	98
64) Tetrachloroethene	9.34	164	11425	9.721	ug/l	96
65) Chlorobenzene	10.14	112	31096	9.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	9887	9.703	ug/l	99
67) Ethyl Benzene	10.26	91	50872	9.642	ug/l	100
68) m/p-Xylenes	10.36	106	39711	19.240	ug/l	99
69) o-Xylene	10.70	106	18414	9.608	ug/l	98
70) Styrene	10.71	104	30541	9.473	ug/l	99
71) Bromoform	10.86	173	6472	9.237	ug/l #	99
73) Isopropylbenzene	11.02	105	51601	9.948	ug/l	99
74) N-amyl acetate	6.46	43	19362	11.737	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	13903	10.310	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	15028	13.159	ug/l	85
77) Bromobenzene	11.26	156	13535	10.009	ug/l	97
78) n-propylbenzene	11.36	91	62387	9.928	ug/l	100
79) 2-Chlorotoluene	11.42	91	36210	10.150	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	43334	8.564	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	3544	9.192	ug/l	88
82) 4-Chlorotoluene	11.51	91	43806	10.123	ug/l	99
83) tert-Butylbenzene	11.77	119	42997	9.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	44769	9.824	ug/l	98
85) sec-Butylbenzene	11.94	105	55153	9.845	ug/l	99
86) p-Isopropyltoluene	12.07	119	49765	11.079	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	27515	10.059	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	28097	10.067	ug/l	98
89) n-Butylbenzene	12.39	91	47376	9.776	ug/l	100
90) Hexachloroethane	12.60	117	7010	9.272	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	25142	9.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2668	9.971	ug/l	90

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

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Acq On : 30 Jul 2018 16:24
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Misc : 5.00G/5.0mL/MSVOA_X/SOIL
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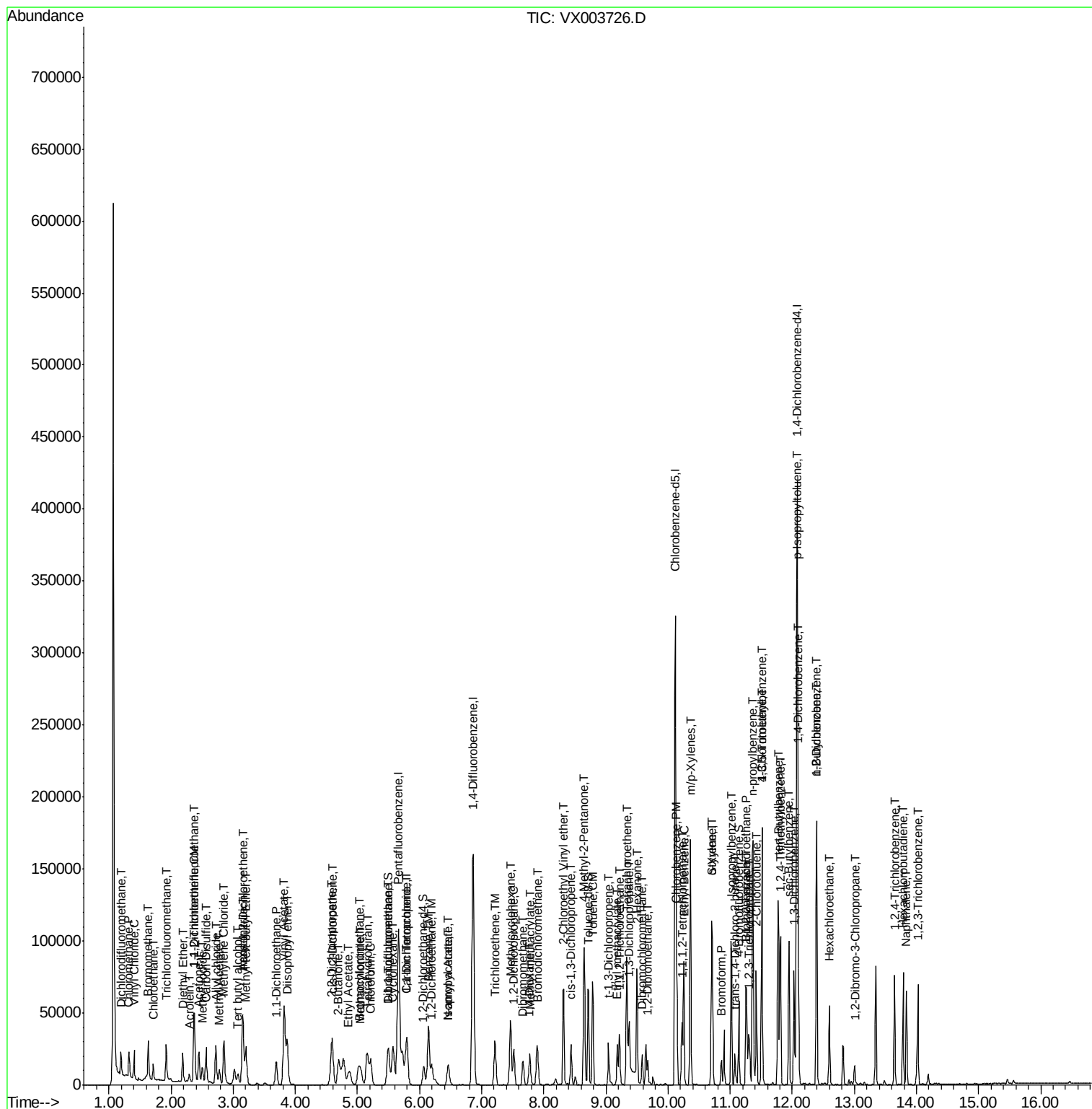
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	19827	9.811	ug/l	100
94) Hexachlorobutadiene	13.79	225	12819	9.919	ug/l	99
95) Naphthalene	13.83	128	40989	9.492	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	18094	9.864	ug/l	100

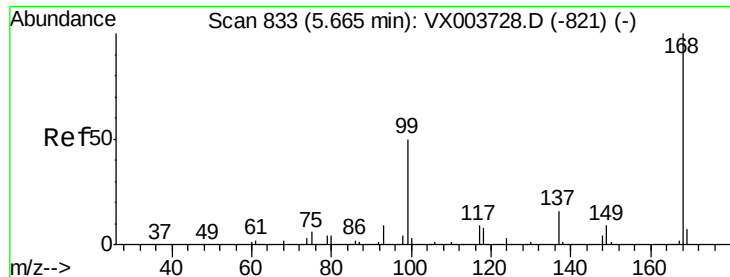
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

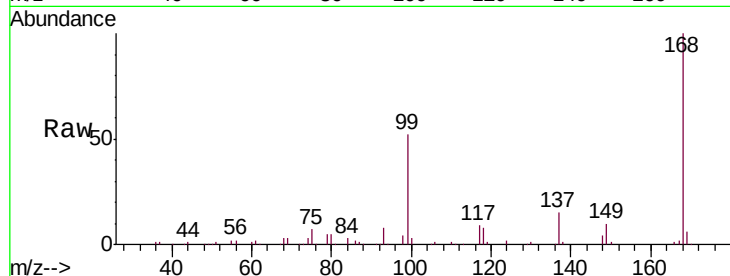
VSTDIC010

Tgt Ion: 168 Resp: 110560

Ion Ratio Lower Upper

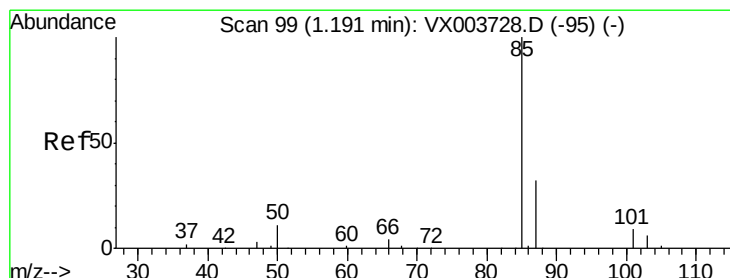
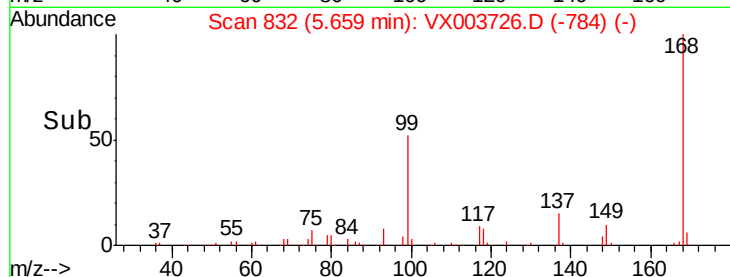
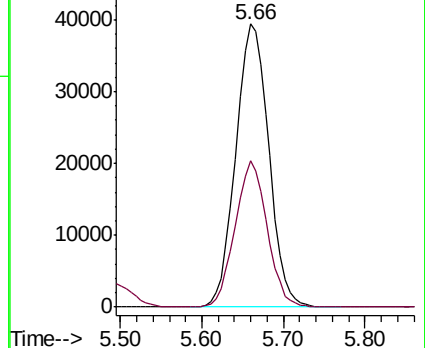
168 100

99 51.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 10.386 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003726.D

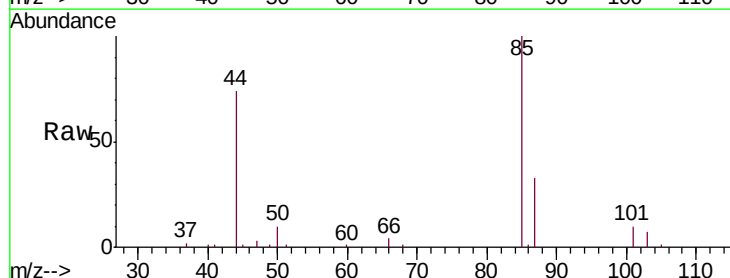
Acq: 30 Jul 2018 16:24

Tgt Ion: 85 Resp: 9692

Ion Ratio Lower Upper

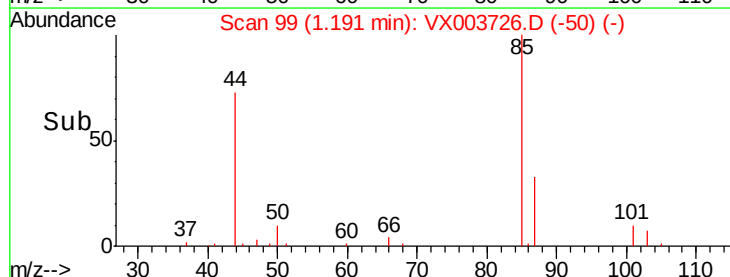
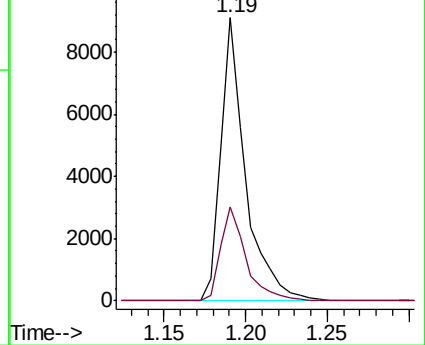
85 100

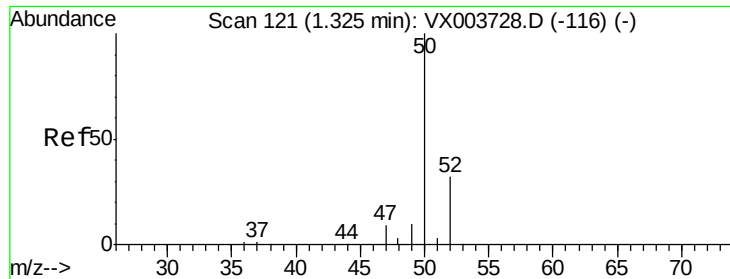
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

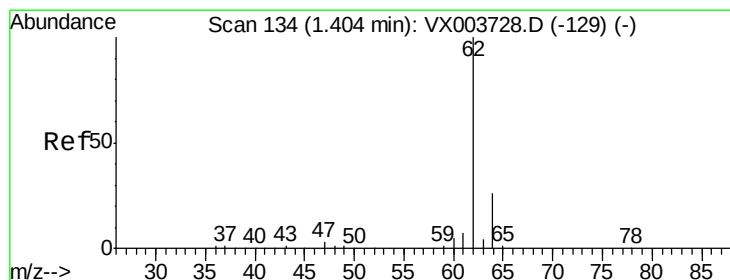
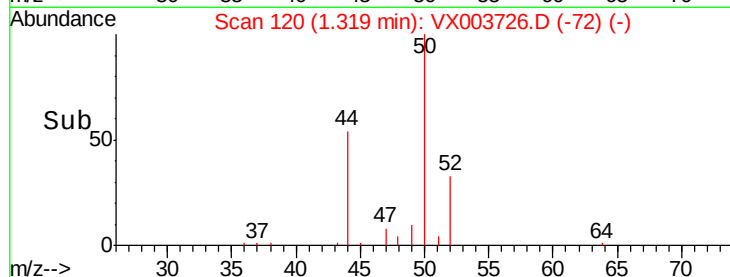
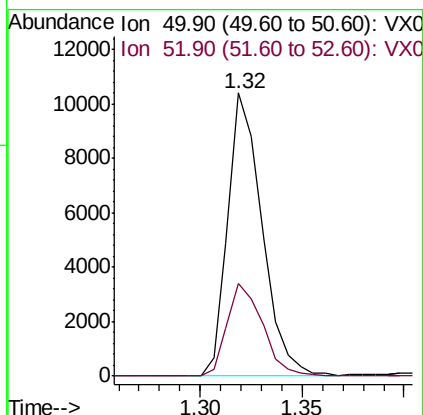
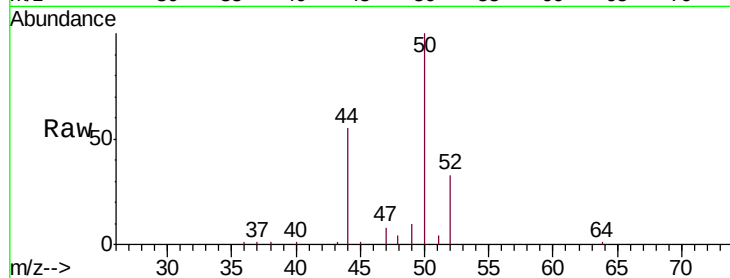




#3
Chloromethane
Concen: 10.326 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

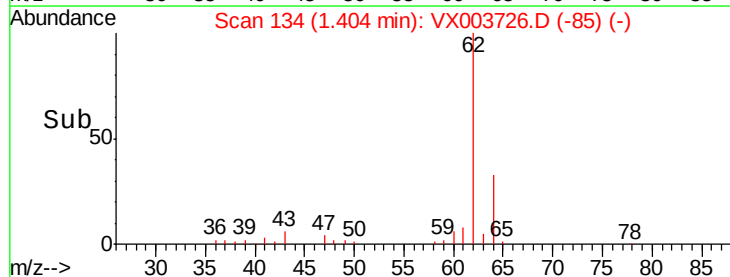
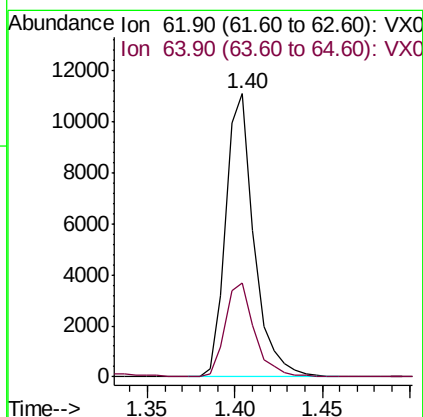
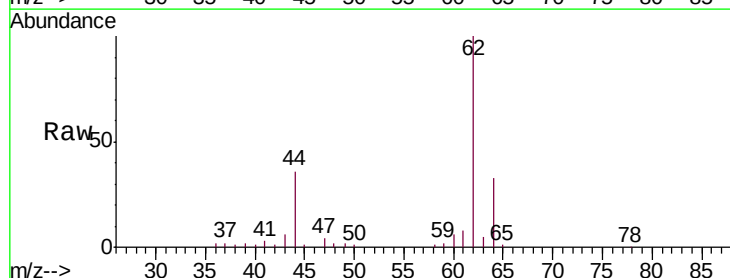
Instrument :
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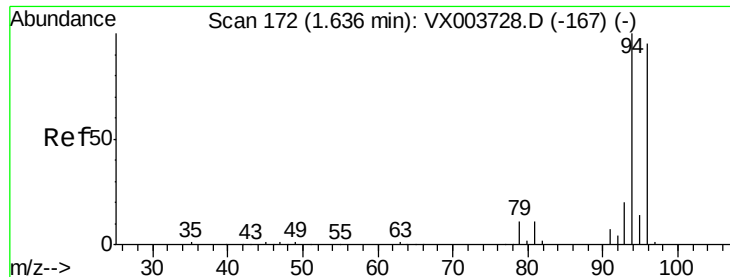
Tgt Ion: 50 Resp: 12113
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 9.941 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 62 Resp: 12544
Ion Ratio Lower Upper
62 100
64 33.1 21.0 31.4#





#5

Bromomethane

Concen: 11.613 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

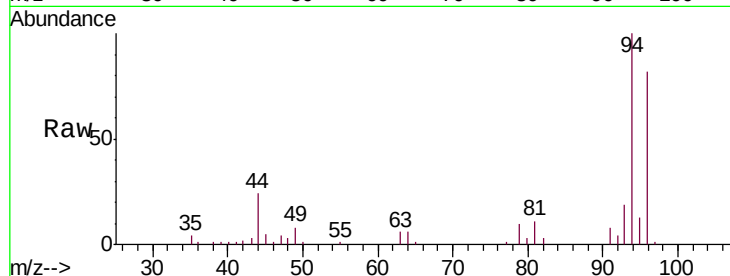
VSTDIC010

Tgt Ion: 94 Resp: 8821

Ion Ratio Lower Upper

94 100

96 82.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

10000

8000

6000

4000

2000

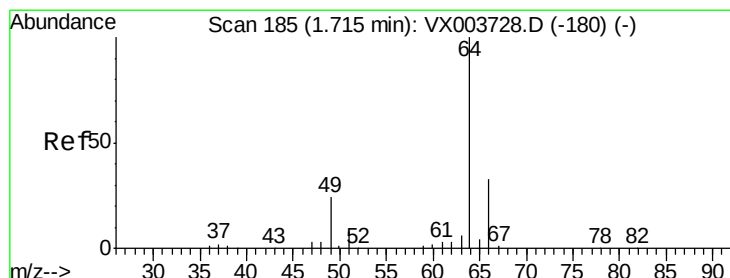
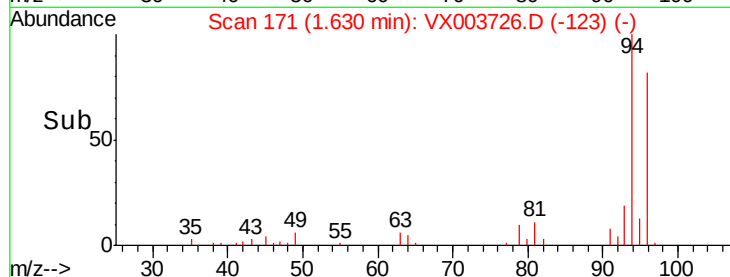
0

Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 9.661 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003726.D

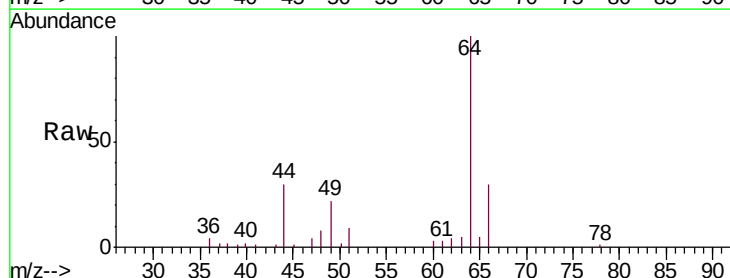
Acq: 30 Jul 2018 16:24

Tgt Ion: 64 Resp: 8580

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

6000

4000

2000

0

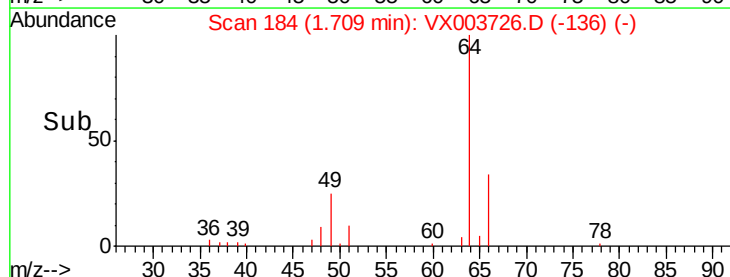
Time-->

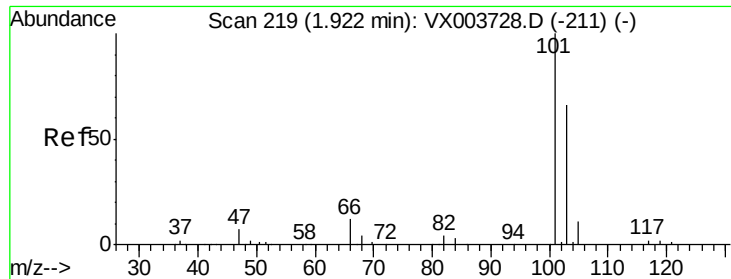
1.65

1.70

1.75

1.80



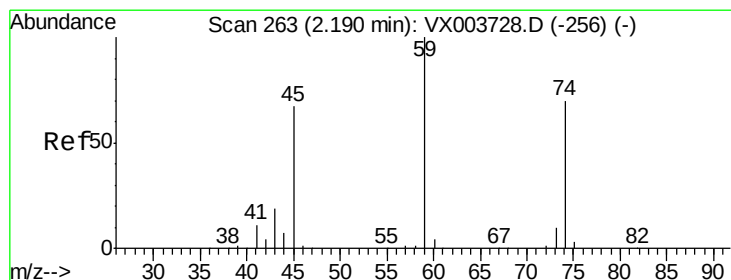
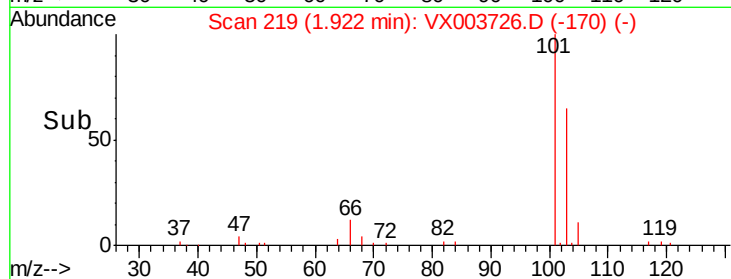
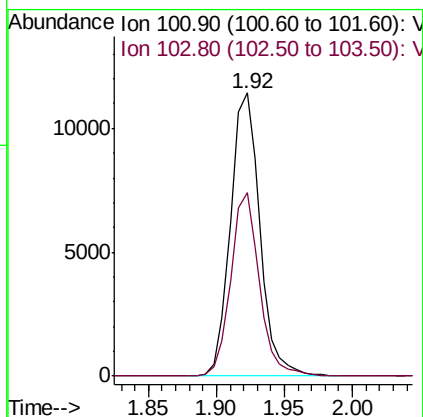
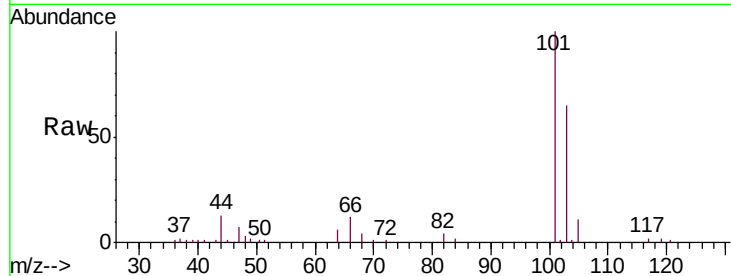


#7

Trichlorofluoromethane
 Concen: 15.013 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

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 VSTDIC010

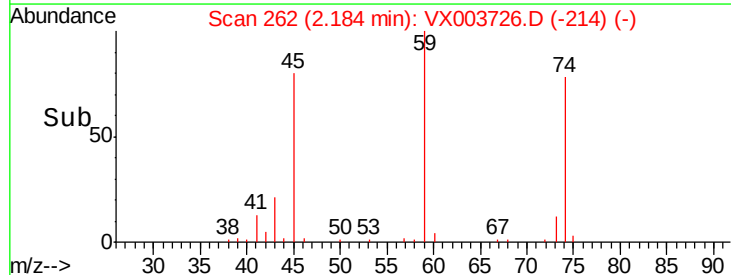
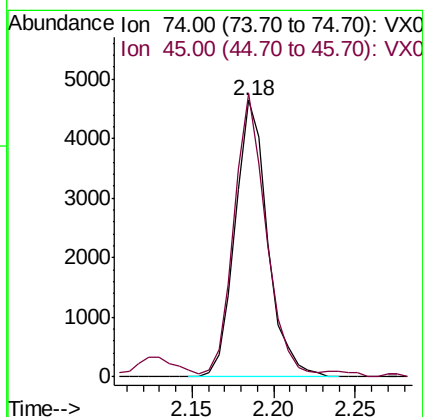
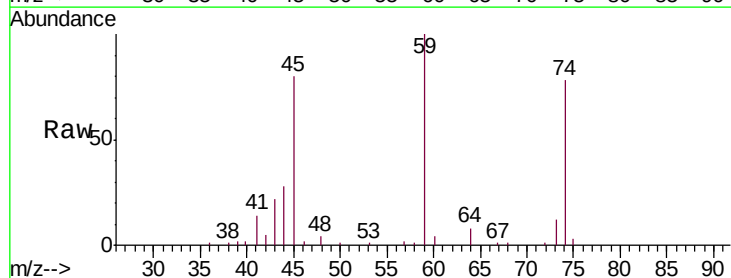
Tgt Ion:101 Resp: 17164
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

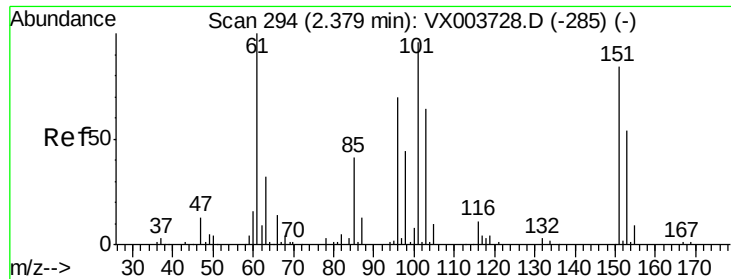


#8

Diethyl Ether
 Concen: 10.320 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 74 Resp: 6453
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.174 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

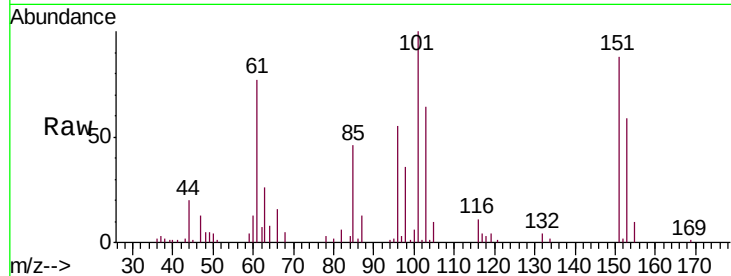
Tgt Ion:101 Resp: 10678

Ion Ratio Lower Upper

101 100

85 43.2 33.3 49.9

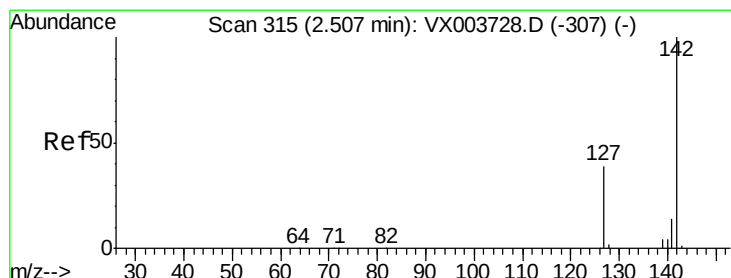
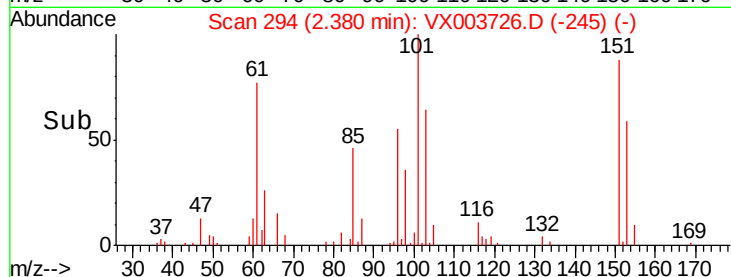
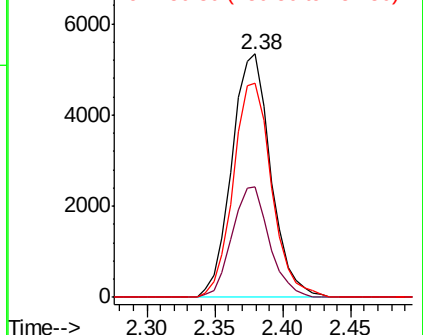
151 86.7 68.8 103.2



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: 8.958 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

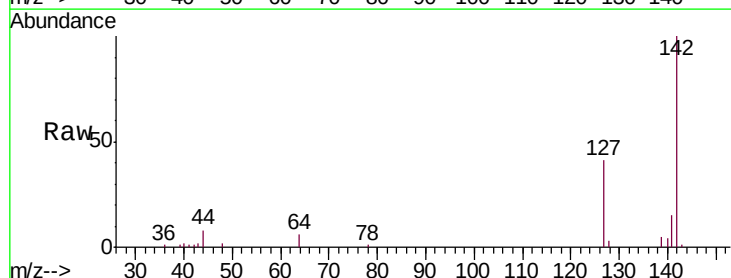
Tgt Ion:142 Resp: 10810

Ion Ratio Lower Upper

142 100

127 41.5 32.0 48.0

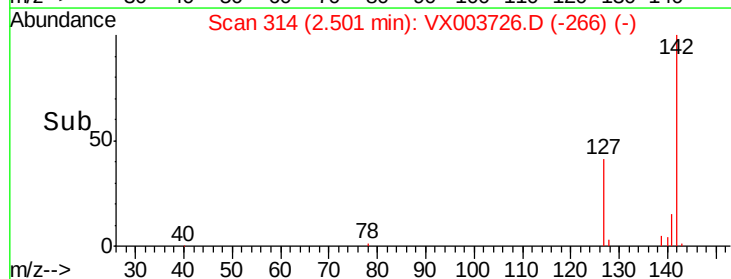
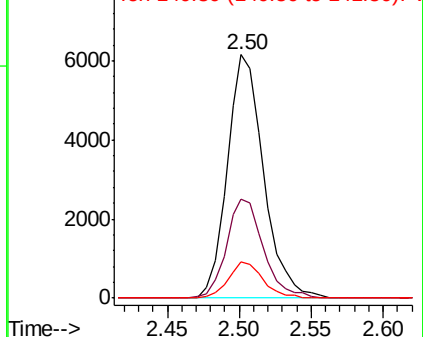
141 14.3 11.3 16.9

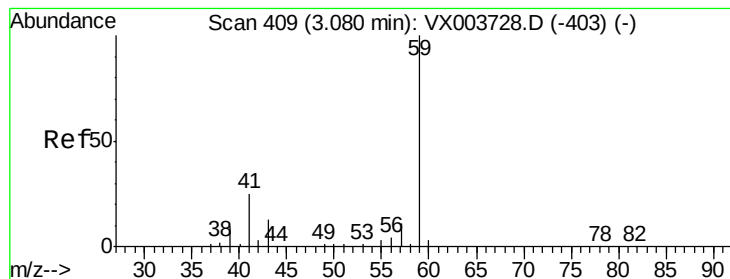


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



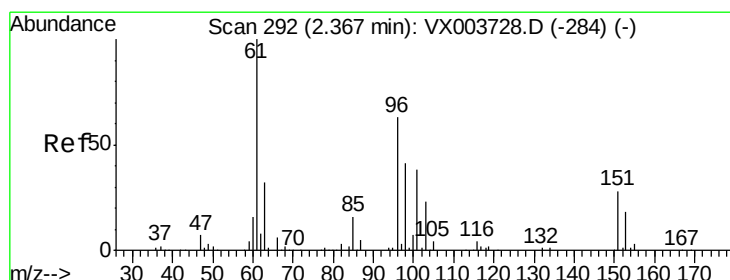
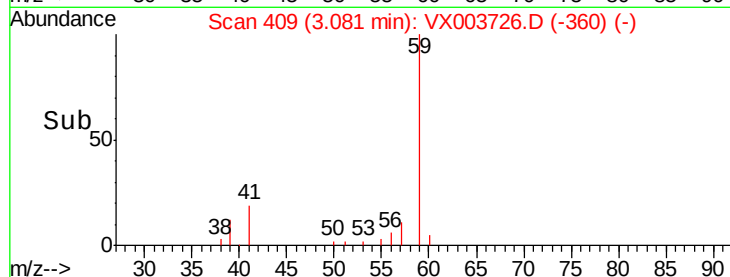
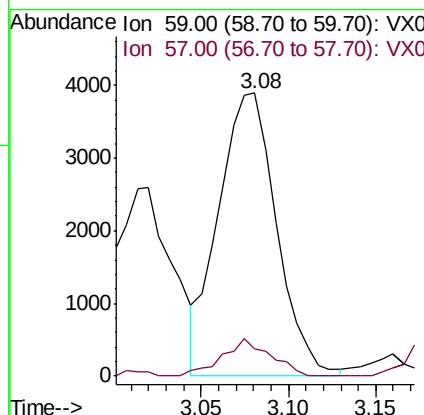
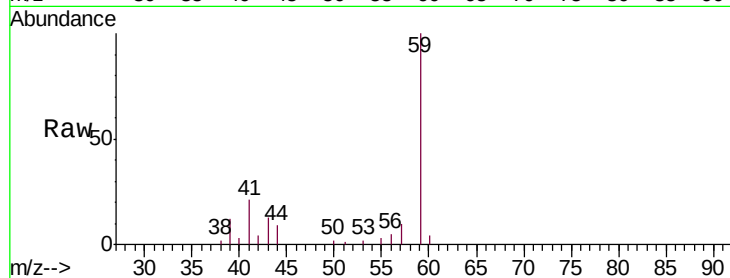


#11

Tert butyl alcohol
 Concen: 49.785 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

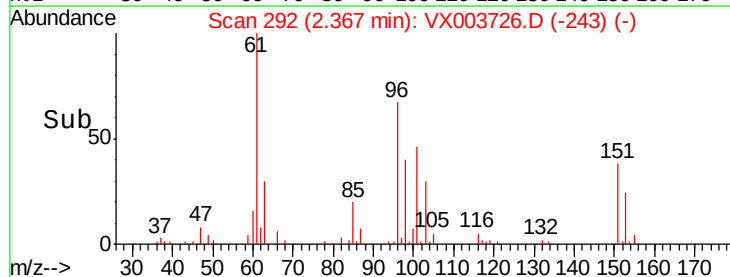
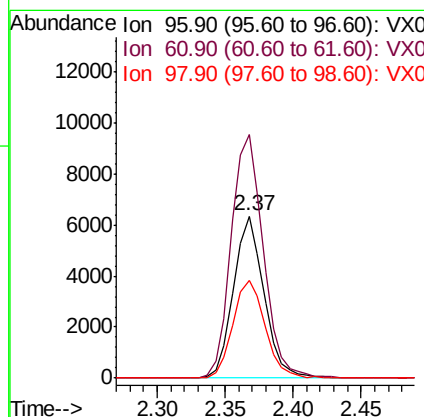
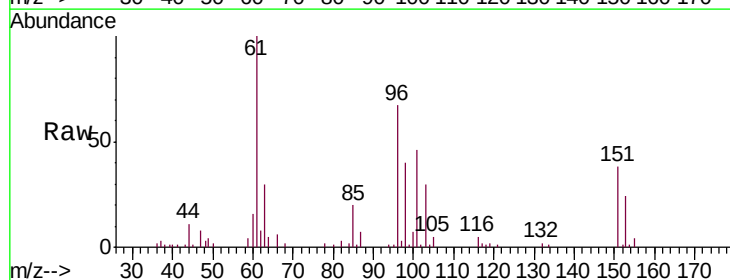
Tgt Ion: 59 Resp: 9014
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.1 12.1

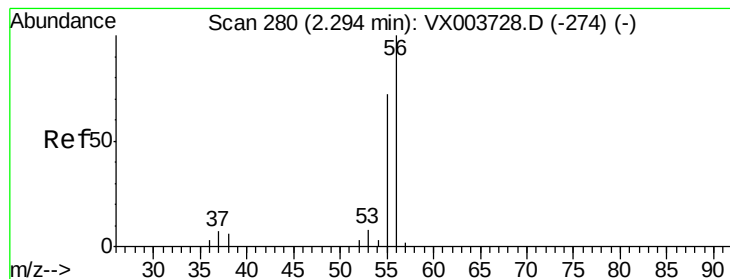


#12

1,1-Dichloroethene
 Concen: 9.285 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 96 Resp: 9927
 Ion Ratio Lower Upper
 96 100
 61 150.1 127.1 190.7
 98 60.1 52.0 78.0





#13

Acrolein

Concen: 70.293 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

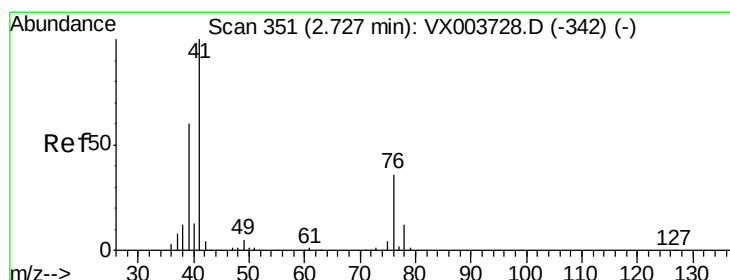
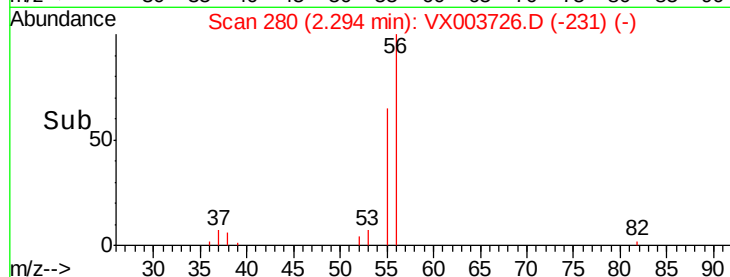
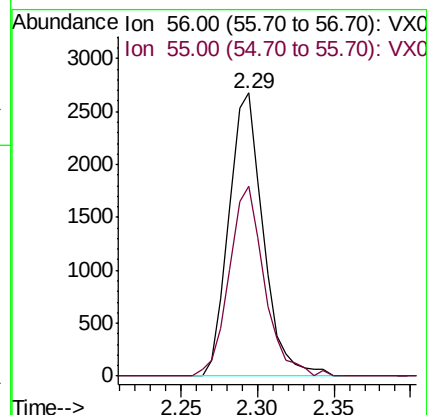
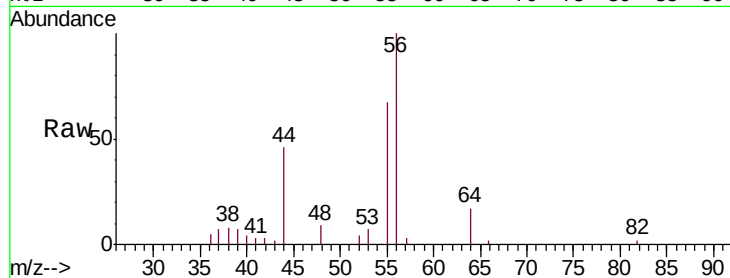
VSTDIC010

Tgt Ion: 56 Resp: 4164

Ion Ratio Lower Upper

56 100

55 69.0 61.4 92.0



#14

Allyl chloride

Concen: 10.310 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

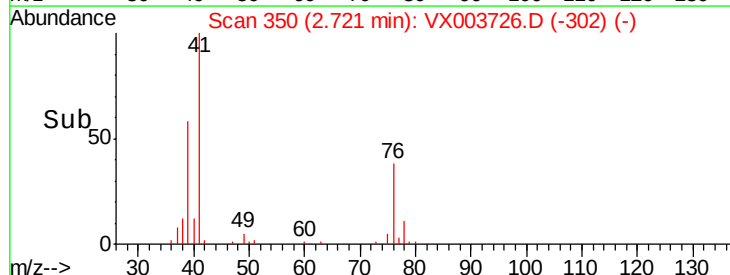
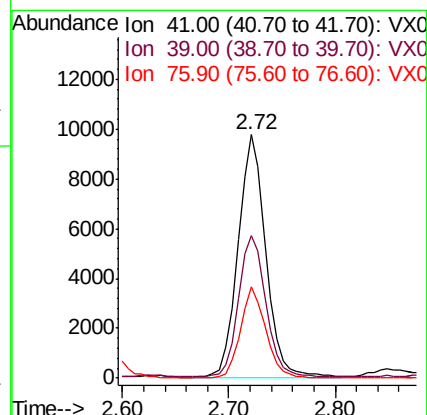
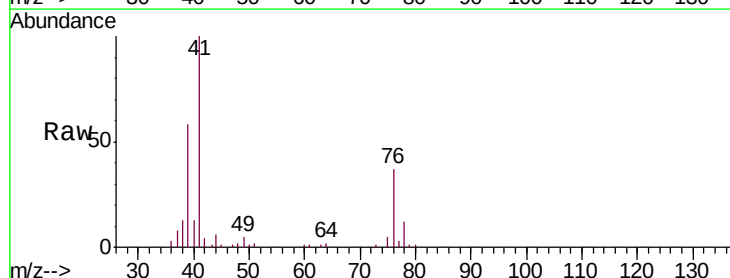
Tgt Ion: 41 Resp: 18061

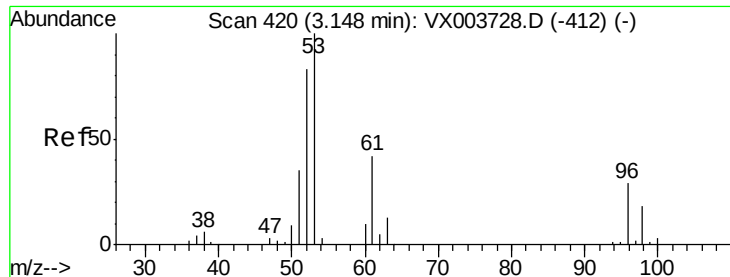
Ion Ratio Lower Upper

41 100

39 56.4 47.7 71.5

76 33.7 27.0 40.6





#15

Acrylonitrile

Concen: 51.192 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

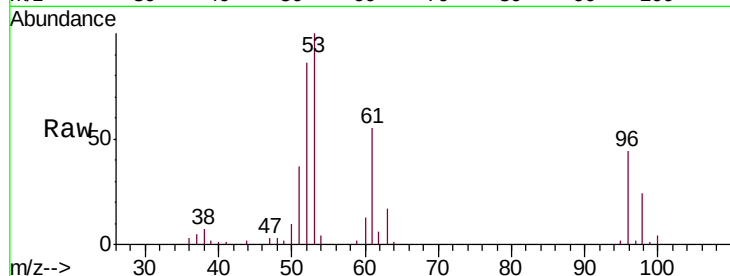
Tgt Ion: 53 Resp: 23572

Ion Ratio Lower Upper

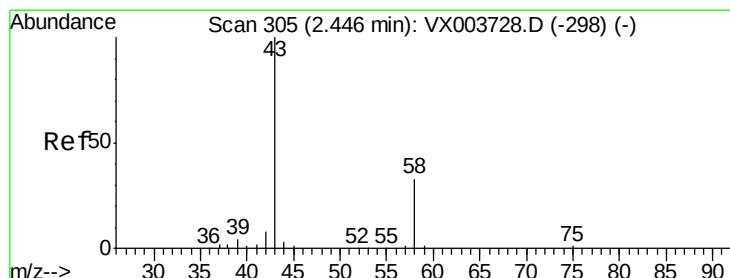
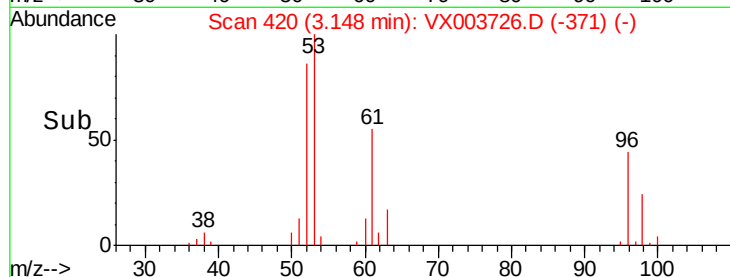
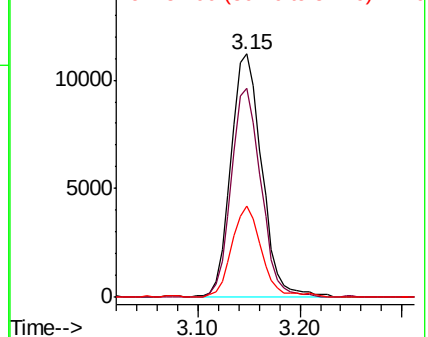
53 100

52 82.1 66.2 99.2

51 36.4 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: 51.326 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003726.D

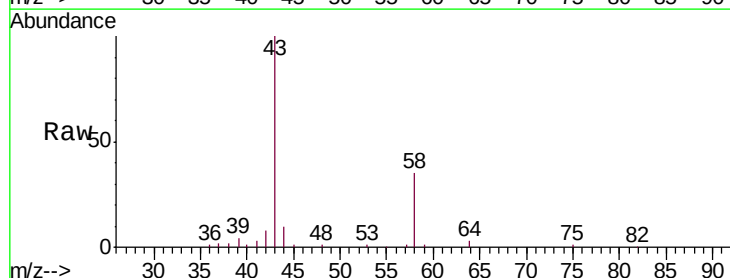
Acq: 30 Jul 2018 16:24

Tgt Ion: 43 Resp: 21922

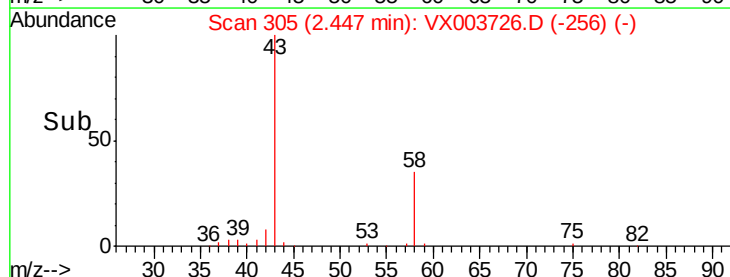
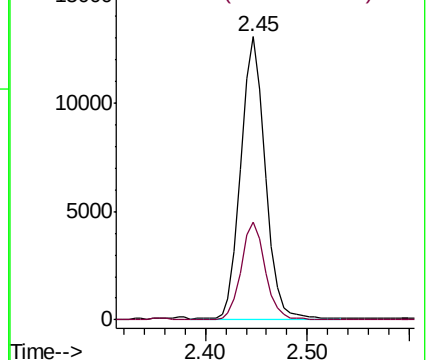
Ion Ratio Lower Upper

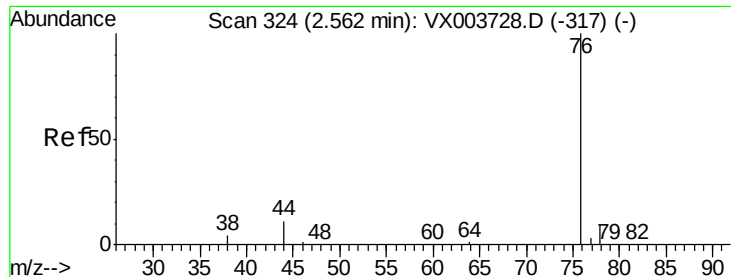
43 100

58 34.5 26.7 40.1



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

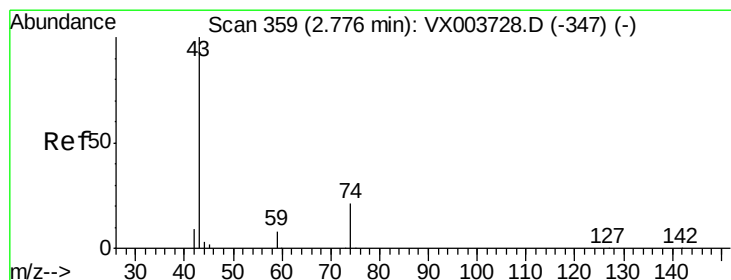
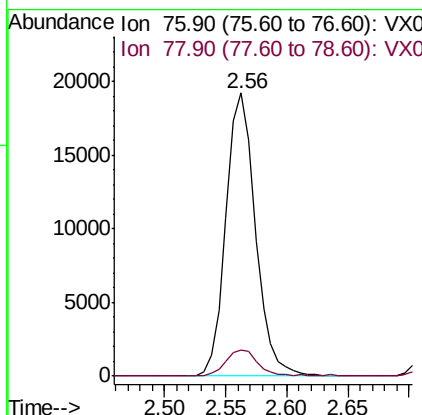
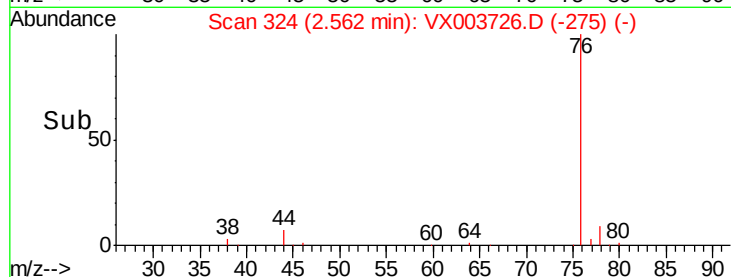
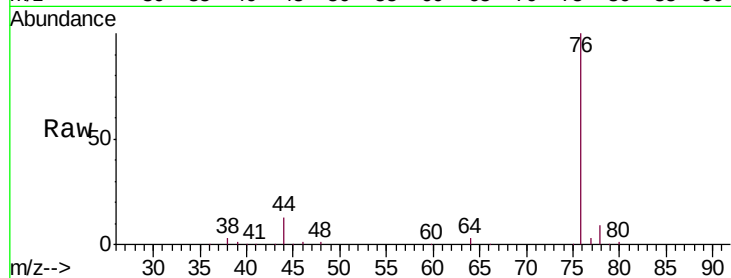




#17
Carbon Disulfide
Concen: 9.992 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

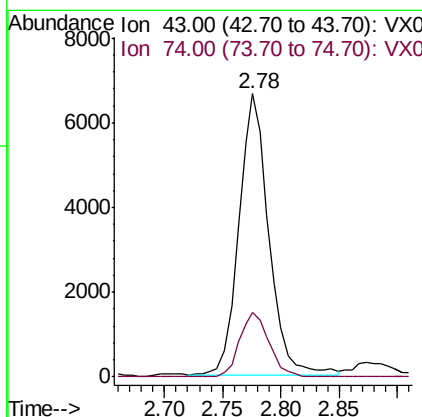
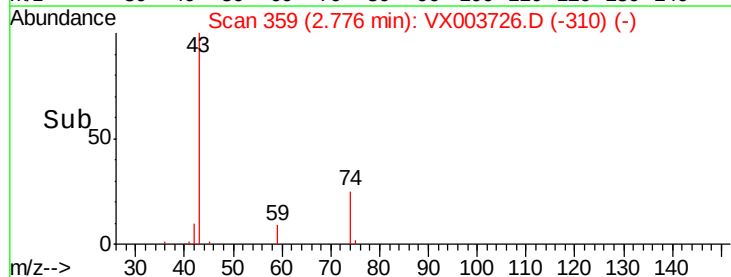
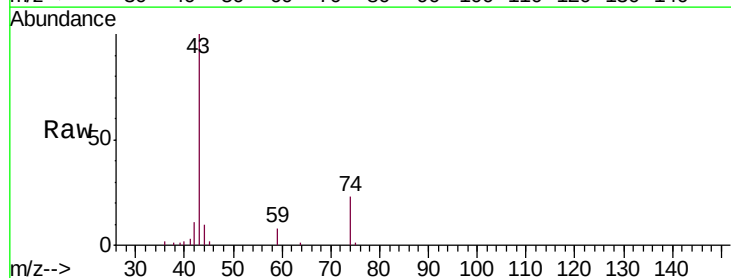
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

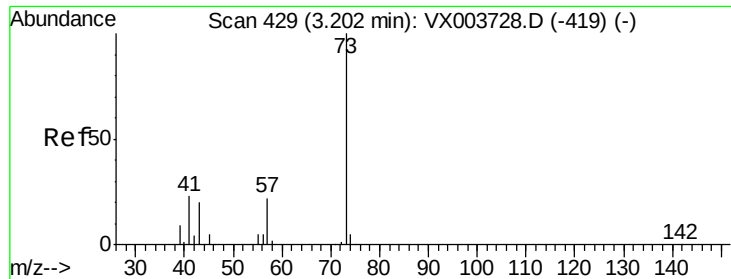
Tgt Ion: 76 Resp: 32127
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 9.814 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 43 Resp: 11779
Ion Ratio Lower Upper
43 100
74 22.6 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 10.459 ug/l

RT: 3.20 min Scan# 429

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

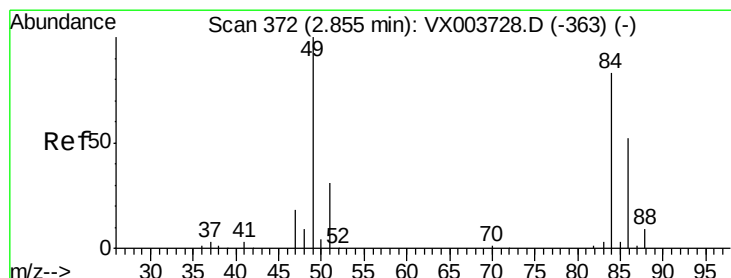
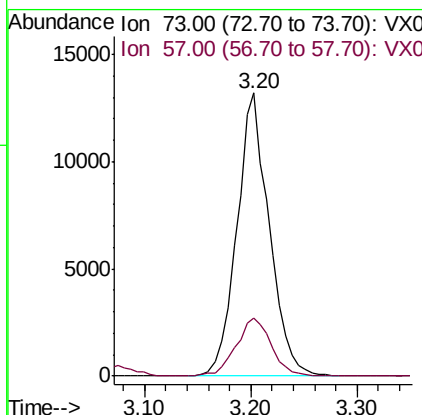
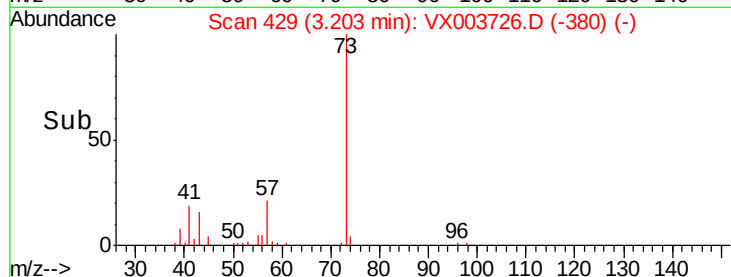
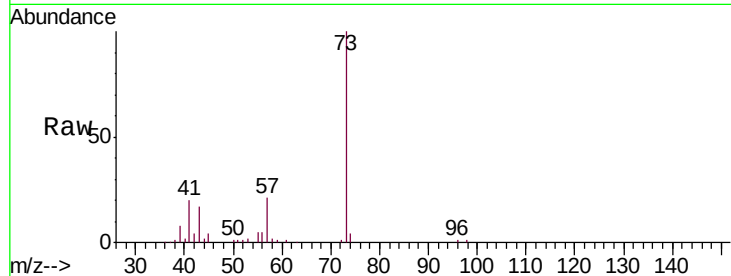
VSTDIC010

Tgt Ion: 73 Resp: 28133

Ion Ratio Lower Upper

73 100

57 20.7 18.0 27.0



#20

Methylene Chloride

Concen: 10.769 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Tgt Ion: 84 Resp: 14102

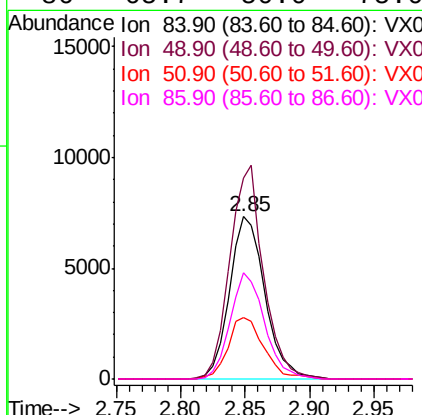
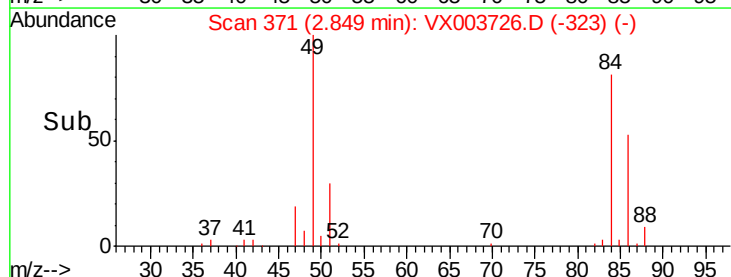
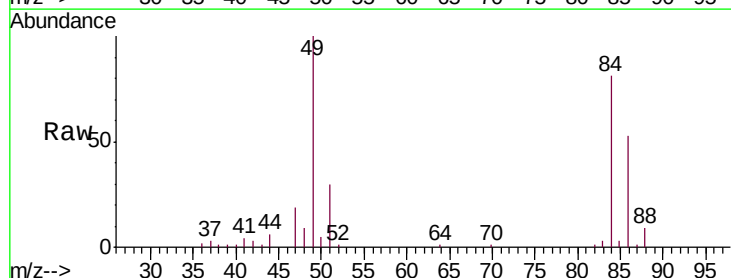
Ion Ratio Lower Upper

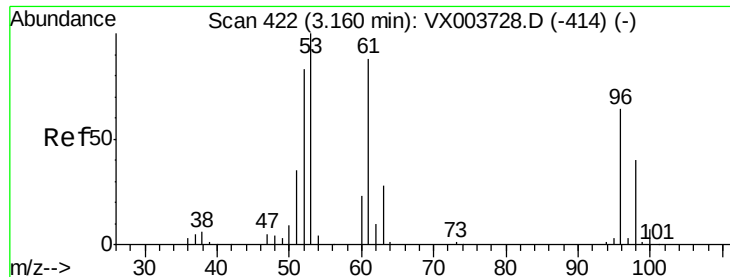
84 100

49 124.0 95.8 143.8

51 37.5 29.6 44.4

86 65.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 10.171 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

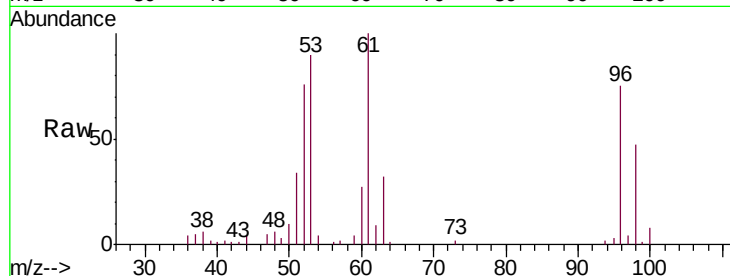
Tgt Ion: 96 Resp: 11013

Ion Ratio Lower Upper

96 100

61 133.2 110.9 166.3

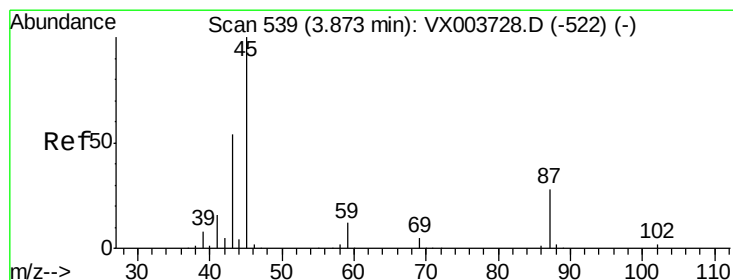
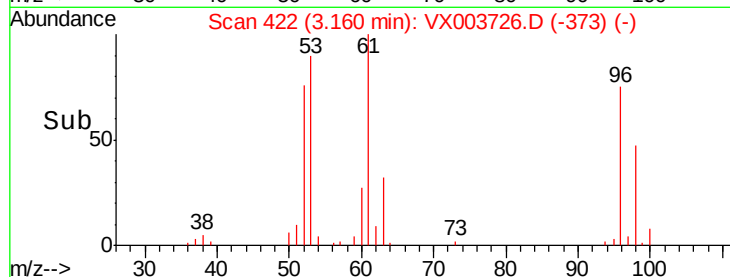
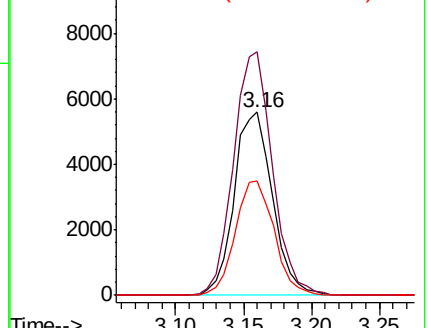
98 62.6 50.2 75.4



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: 10.369 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Tgt Ion: 45 Resp: 32791

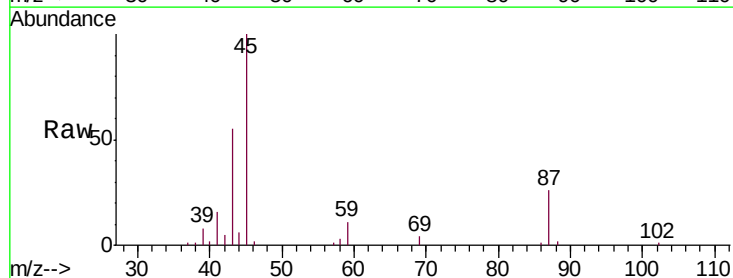
Ion Ratio Lower Upper

45 100

43 54.3 43.5 65.3

87 26.5 22.6 33.8

59 10.7 9.3 13.9

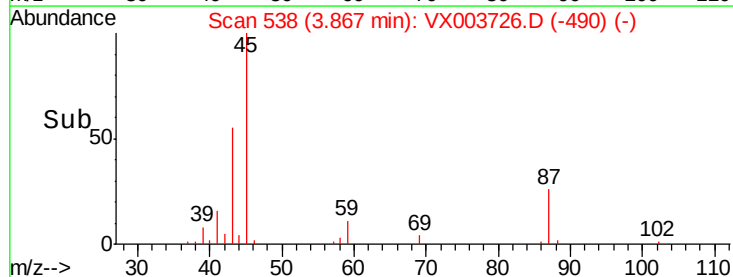
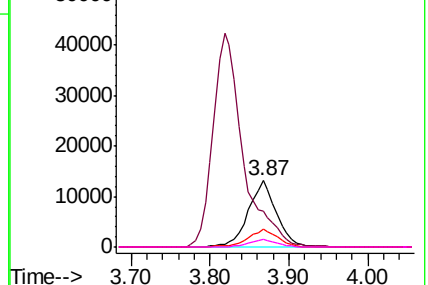


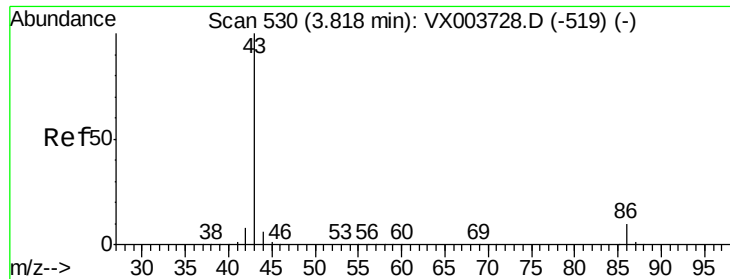
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 49.304 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

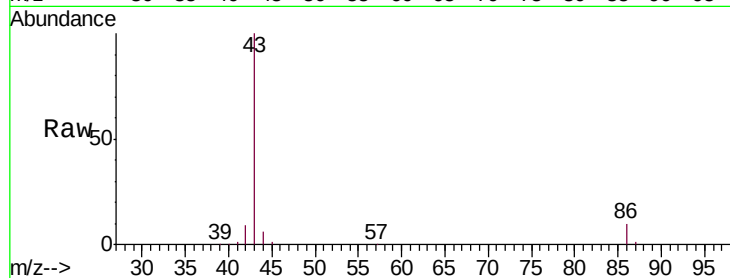
VSTDIC010

Tgt Ion: 43 Resp: 112451

Ion Ratio Lower Upper

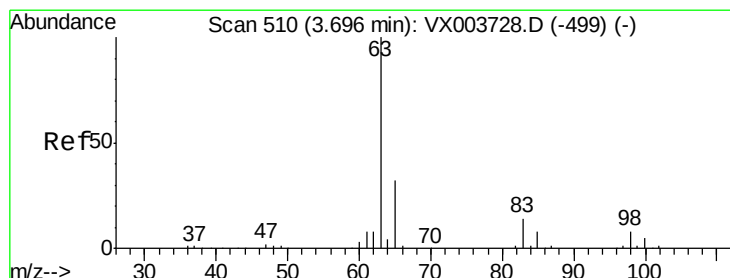
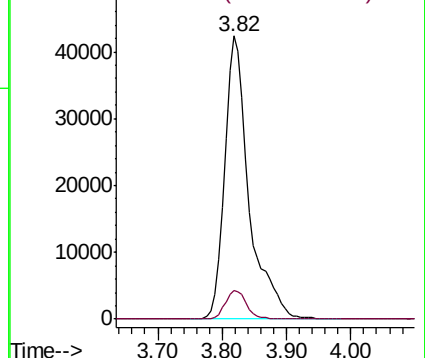
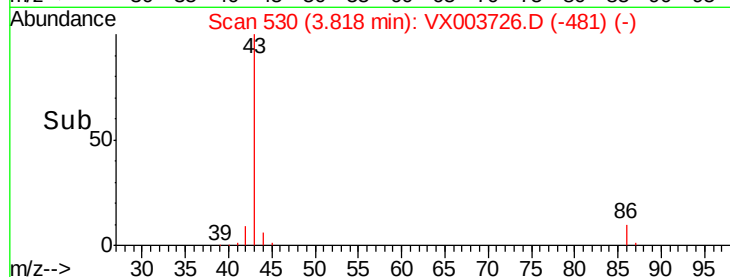
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX003726.D (-481) (-)

Ion 86.00 (85.70 to 86.70): VX003726.D (-481) (-)



#24

1,1-Dichloroethane

Concen: 10.128 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

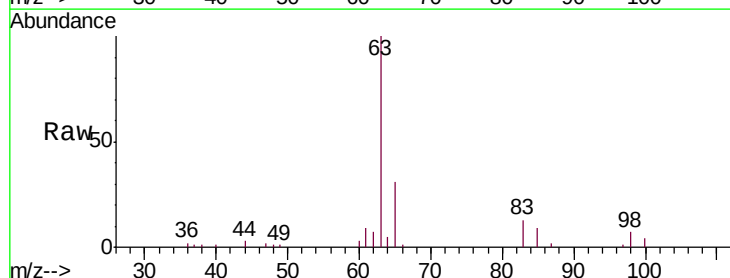
Tgt Ion: 63 Resp: 18679

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.0

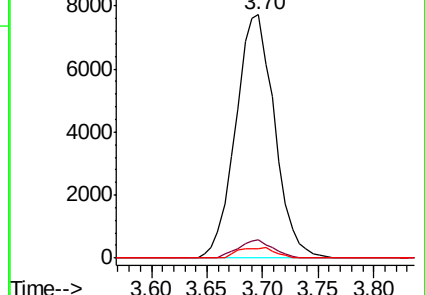
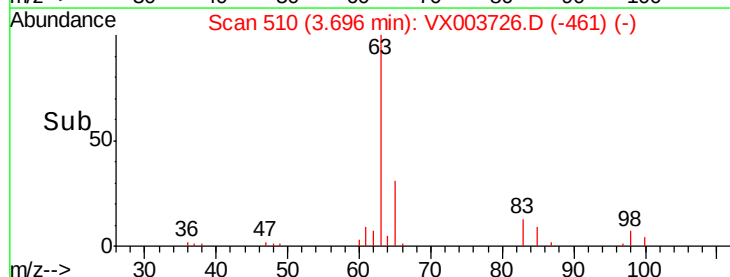
100 3.8 2.4 7.2

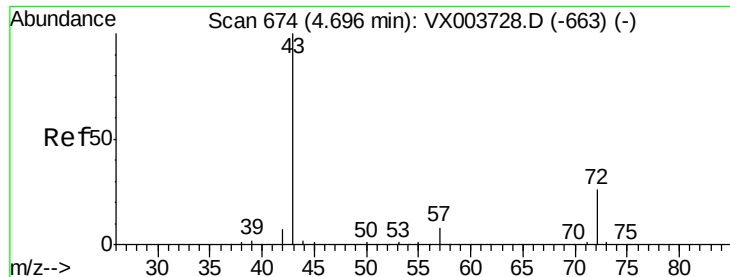


Abundance Ion 62.90 (62.60 to 63.60): VX003726.D (-461) (-)

Ion 97.90 (97.60 to 98.60): VX003726.D (-461) (-)

Ion 99.90 (99.60 to 100.60): VX003726.D (-461) (-)





#25

2-Butanone

Concen: 50.174 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

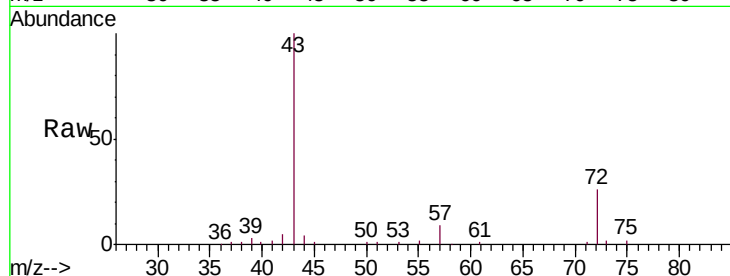
VSTDIC010

Tgt Ion: 43 Resp: 31240

Ion Ratio Lower Upper

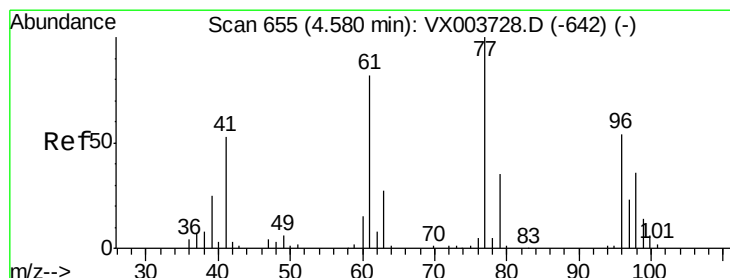
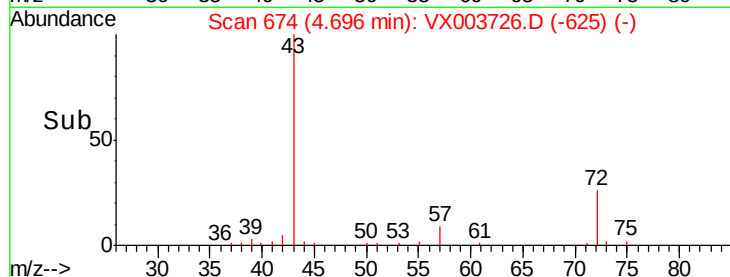
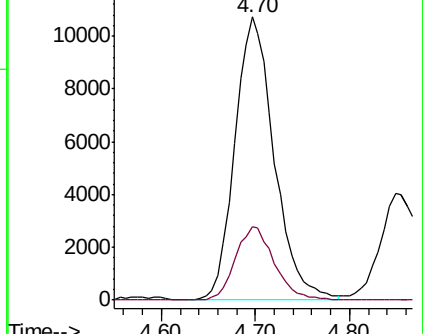
43 100

72 25.8 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: 10.183 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003726.D

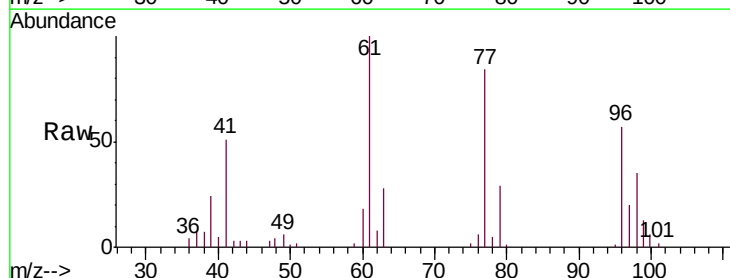
Acq: 30 Jul 2018 16:24

Tgt Ion: 77 Resp: 14791

Ion Ratio Lower Upper

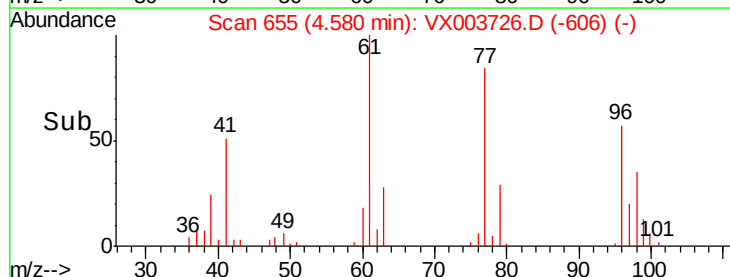
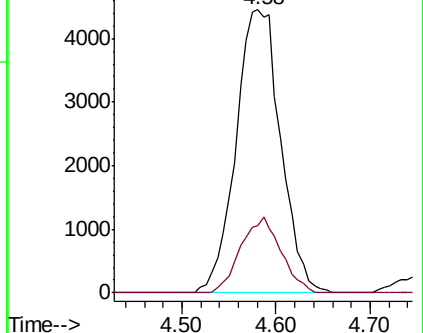
77 100

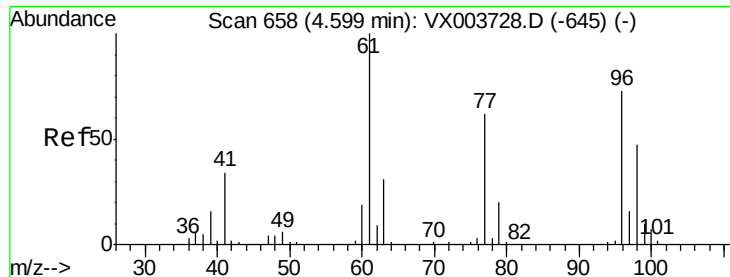
97 24.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



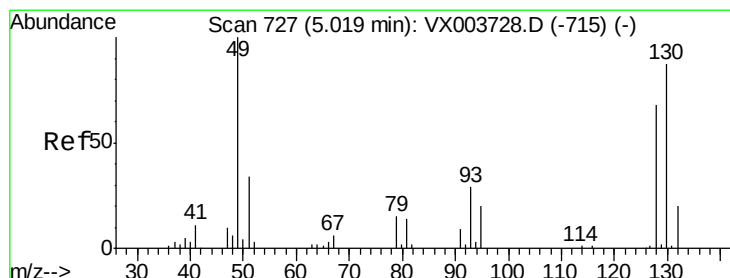
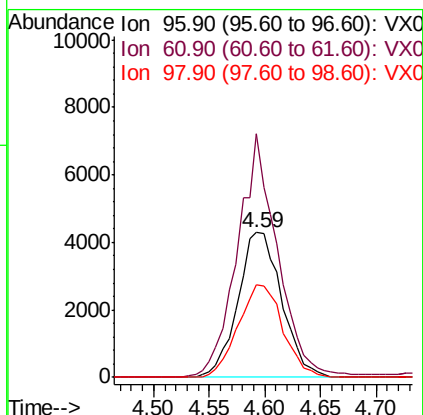
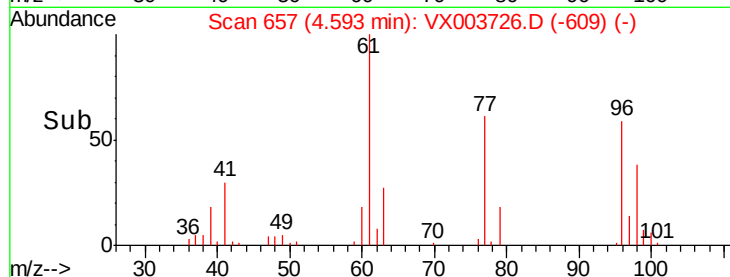
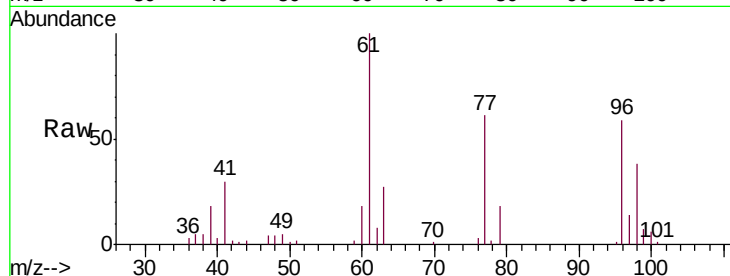


#27

cis-1,2-Dichloroethene
Concen: 10.063 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

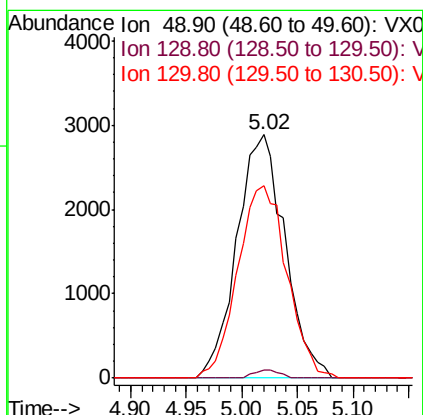
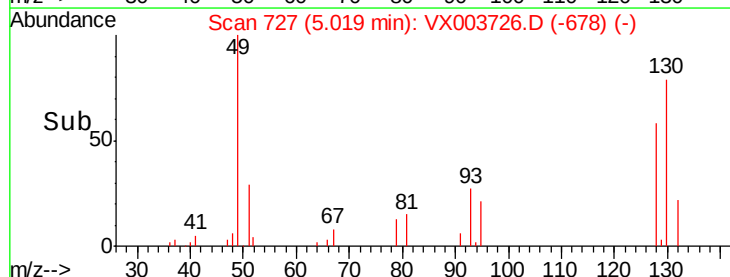
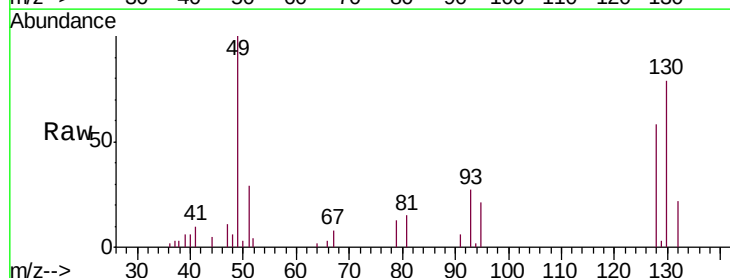
Tgt Ion: 96 Resp: 11742
Ion Ratio Lower Upper
96 100
61 154.1 0.0 285.6
98 65.1 0.0 131.0

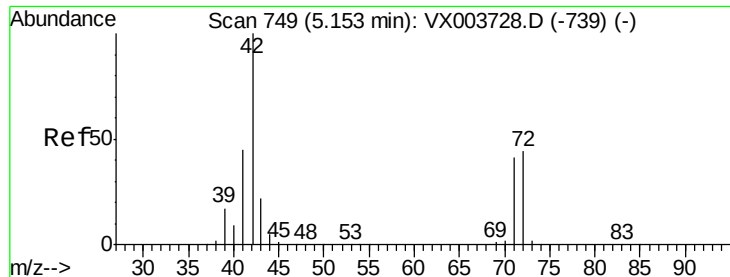


#28

Bromochloromethane
Concen: 10.431 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 49 Resp: 8629
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 81.2 68.9 103.3





#29

Tetrahydrofuran

Concen: 52.222 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

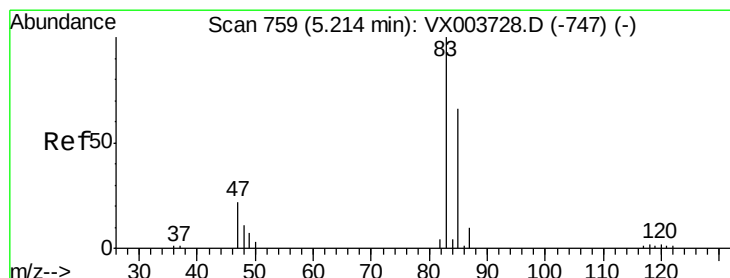
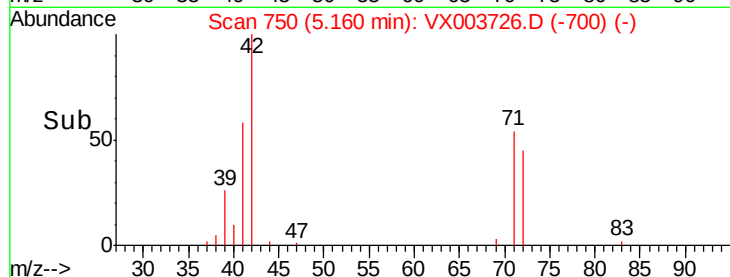
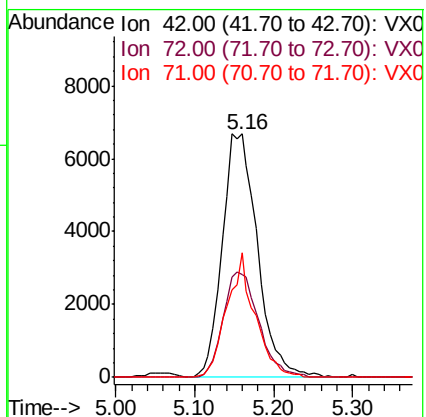
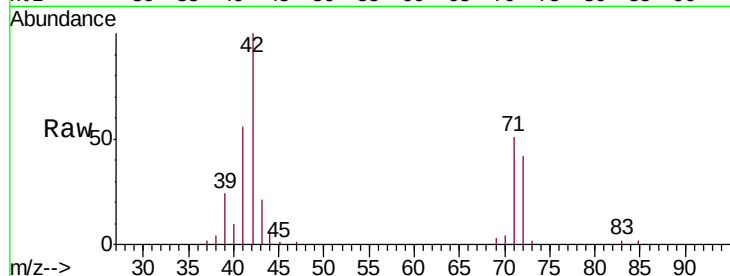
Tgt Ion: 42 Resp: 20721

Ion Ratio Lower Upper

42 100

72 43.8 35.6 53.4

71 41.2 33.4 50.0



#30

Chloroform

Concen: 10.359 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX003726.D

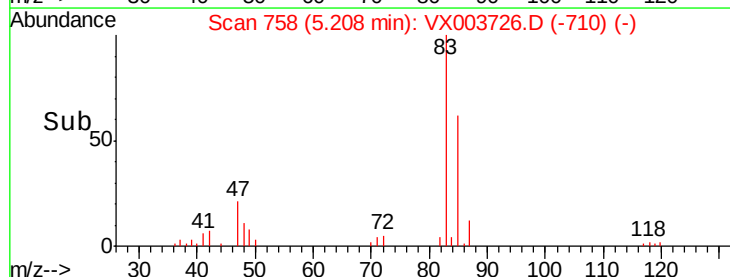
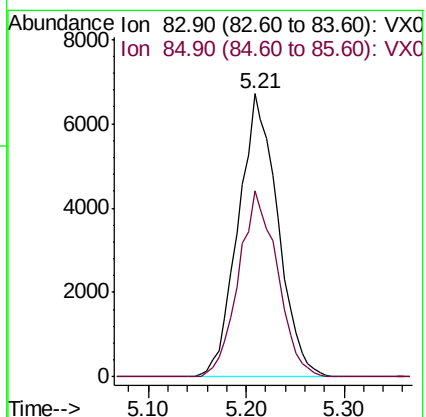
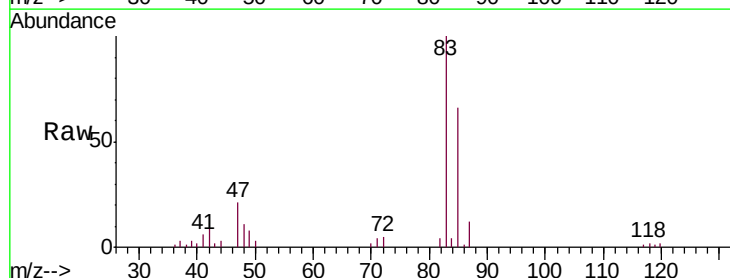
Acq: 30 Jul 2018 16:24

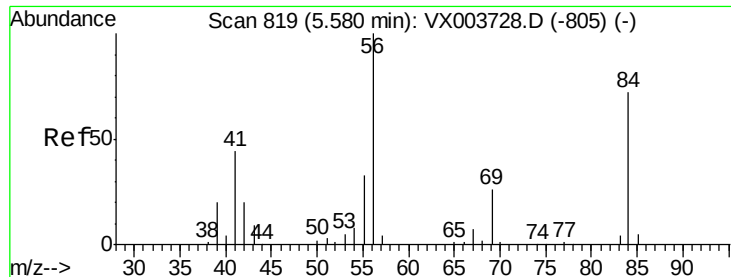
Tgt Ion: 83 Resp: 18825

Ion Ratio Lower Upper

83 100

85 65.8 52.8 79.2

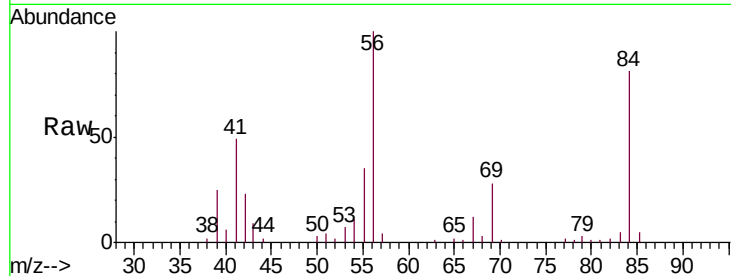




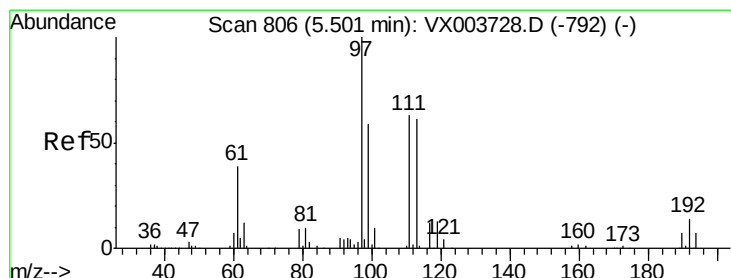
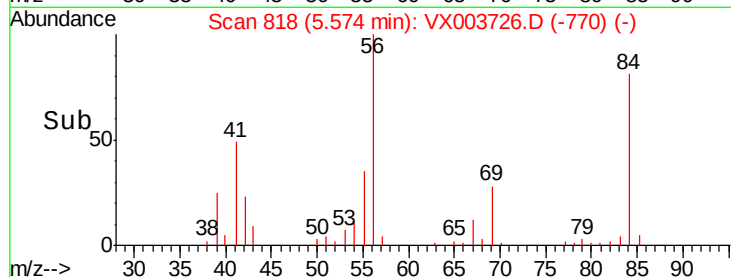
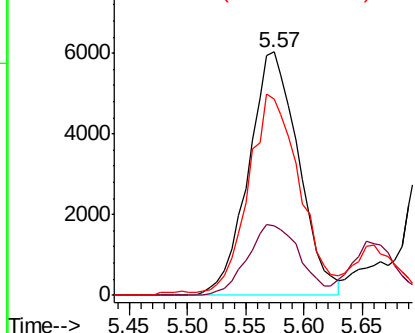
#31
Cyclohexane
Concen: 10.049 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 17901
Ion Ratio Lower Upper
56 100
69 28.3 20.6 30.8
84 79.7 57.9 86.9

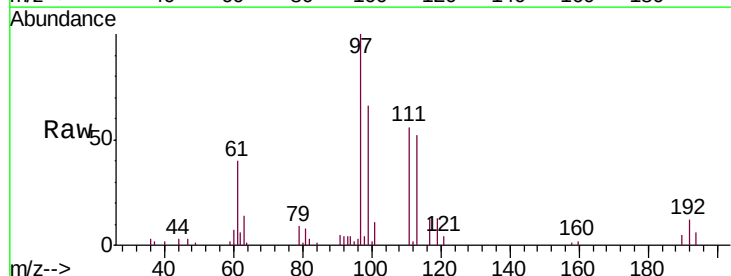


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

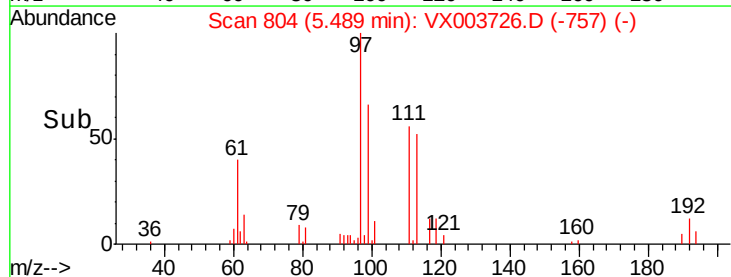
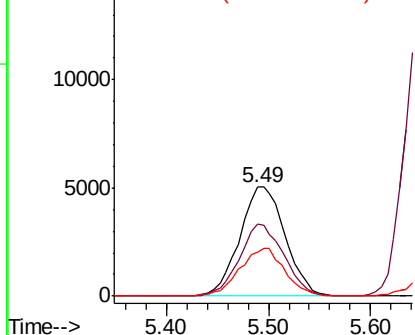


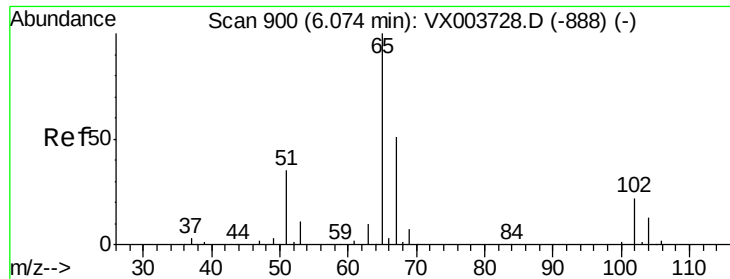
#32
1,1,1-Trichloroethane
Concen: 10.023 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 97 Resp: 15655
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 42.9 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

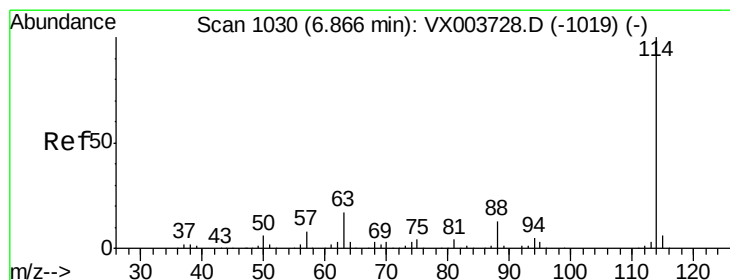
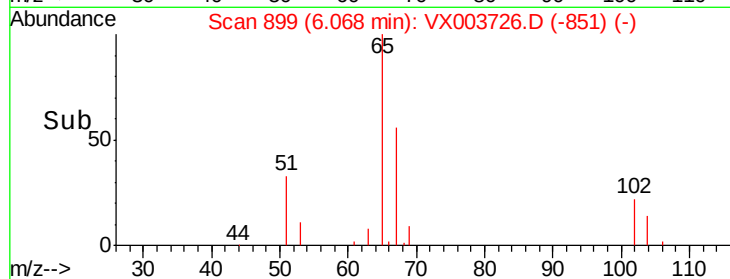
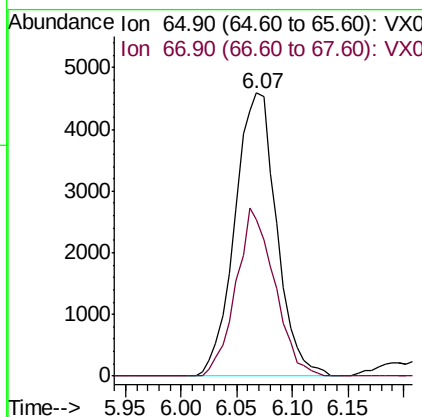
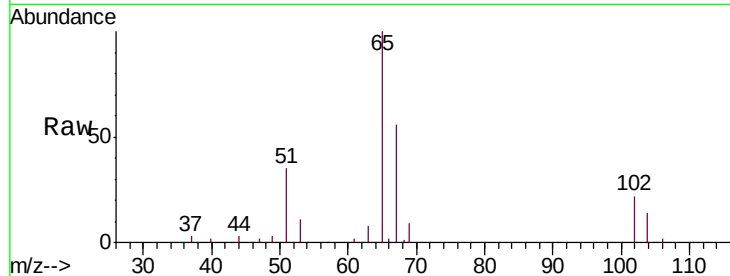




#33
 1,2-Dichloroethane-d4
 Concen: 10.686 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

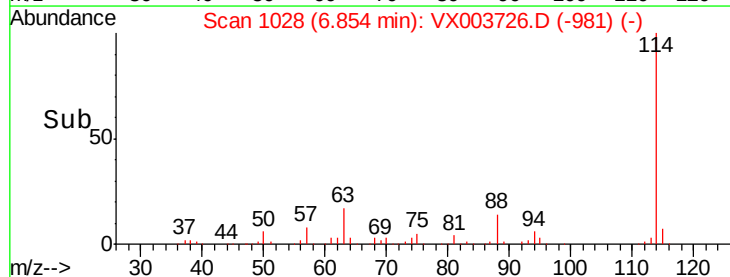
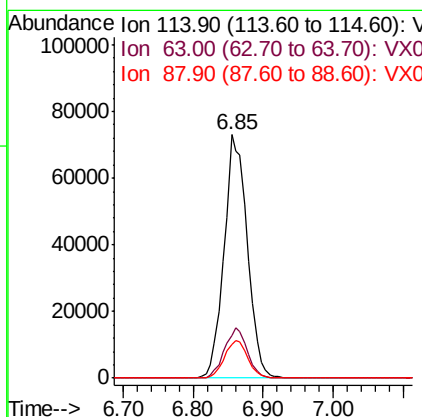
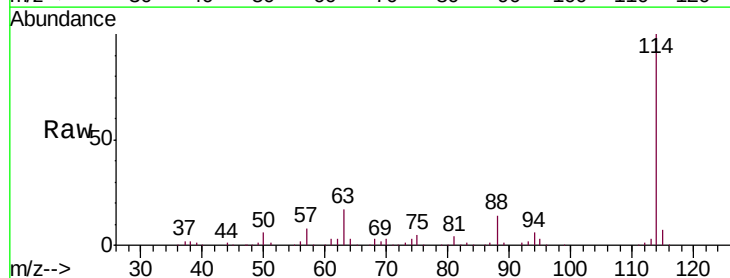
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

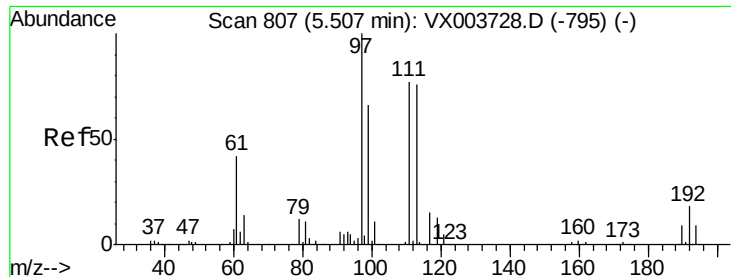
Tgt Ion: 65 Resp: 11949
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 114 Resp: 168007
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 13.6 0.0 26.4

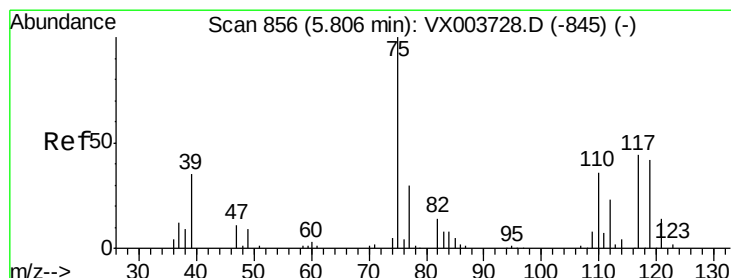
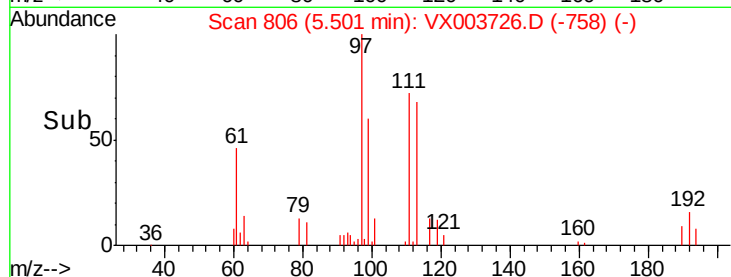
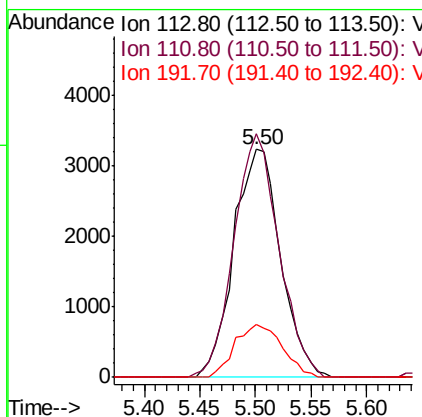
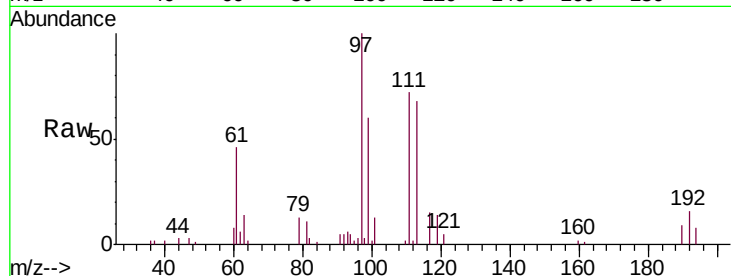




#35
 Dibromofluoromethane
 Concen: 9.540 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

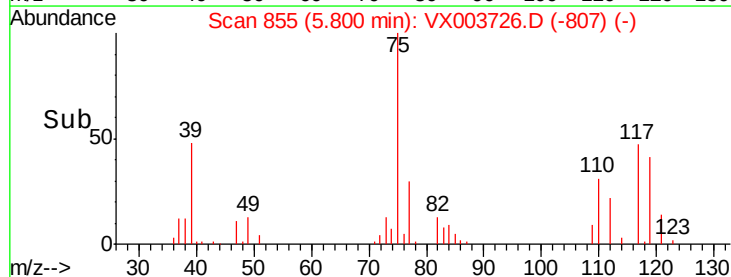
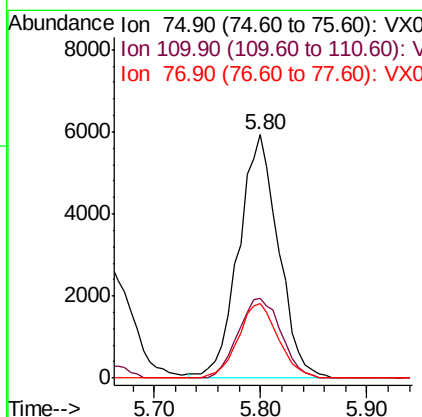
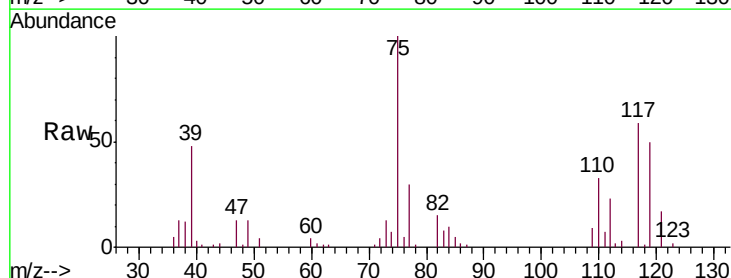
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

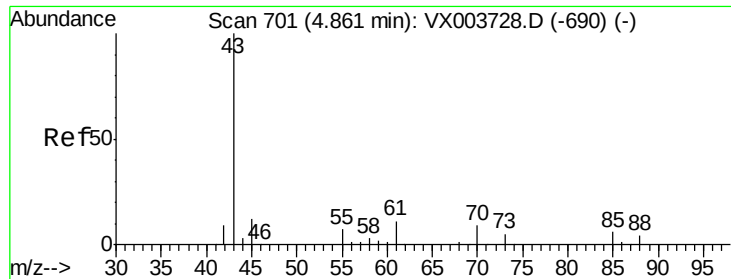
Tgt Ion: 113 Resp: 9438
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 9.862 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 75 Resp: 15517
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.3 54.8
 77 30.8 25.1 37.7

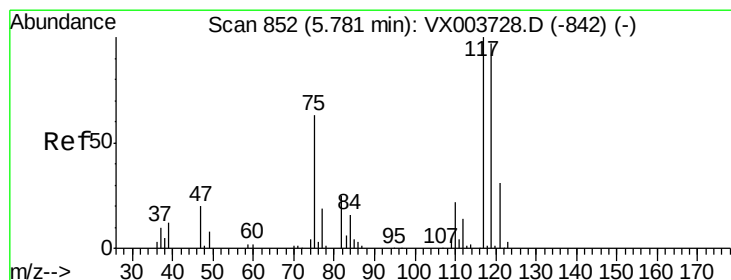
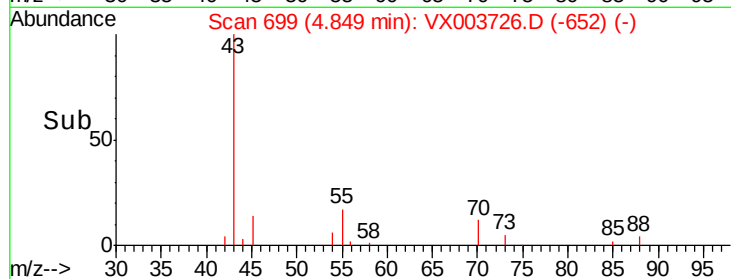
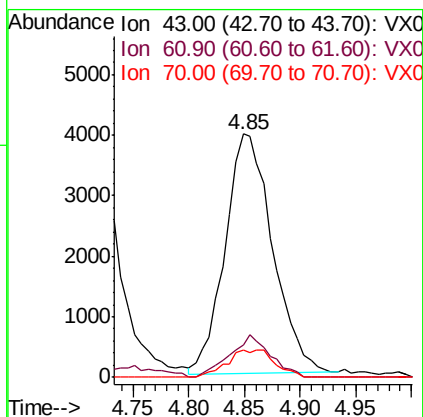
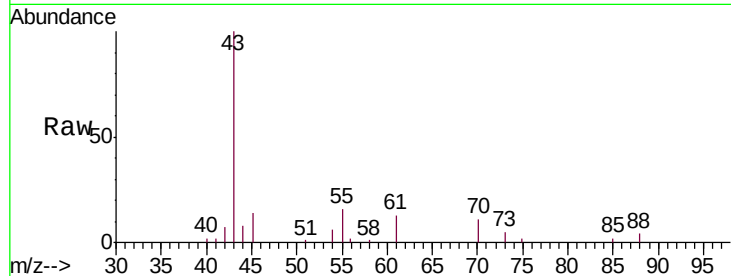




#37
Ethyl Acetate
Concen: 9.662 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

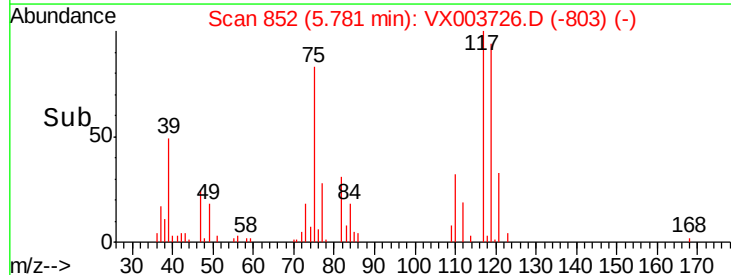
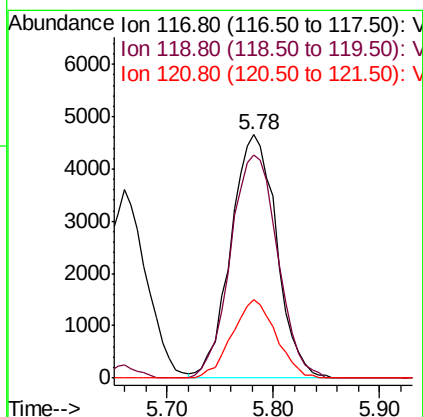
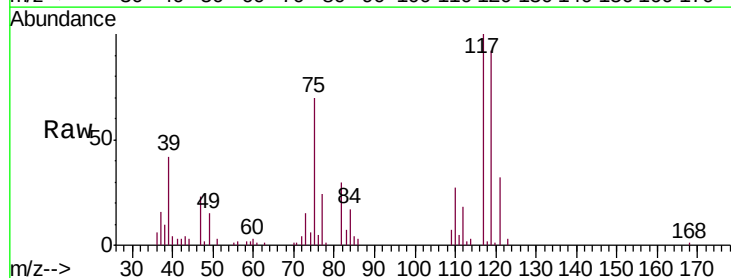
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

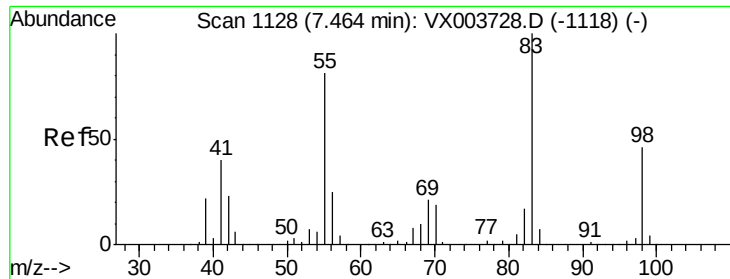
Tgt Ion: 43 Resp: 11677
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 11.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 9.616 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 117 Resp: 13994
Ion Ratio Lower Upper
117 100
119 91.6 77.2 115.8
121 32.3 25.0 37.4

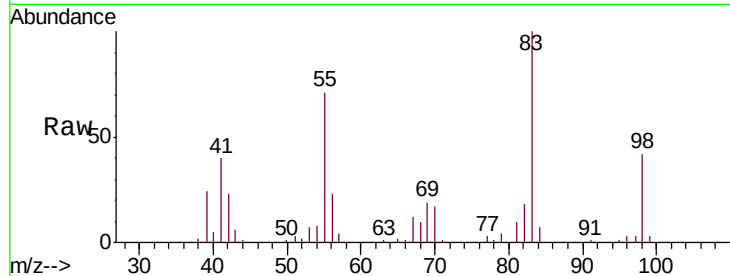




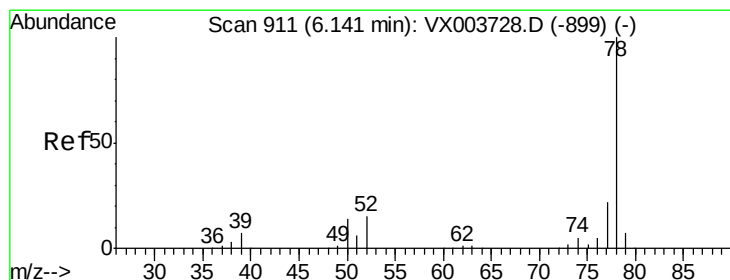
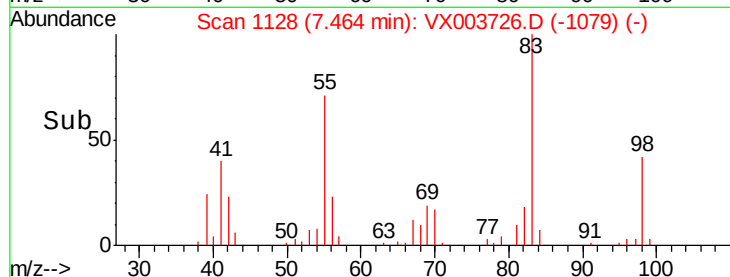
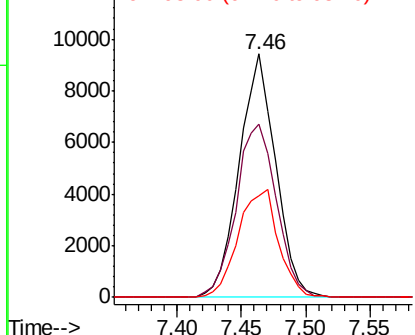
#39
Methylcyclohexane
Concen: 9.541 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 18431
Ion Ratio Lower Upper
83 100
55 71.2 65.0 97.6
98 41.6 37.1 55.7

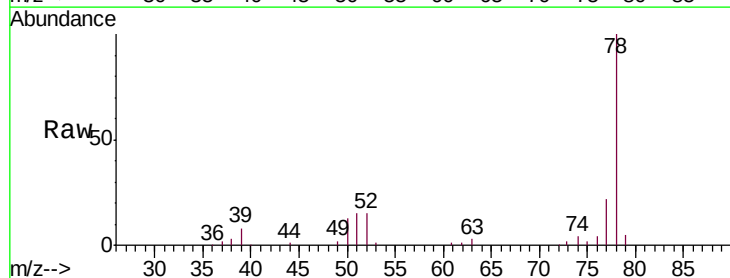


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

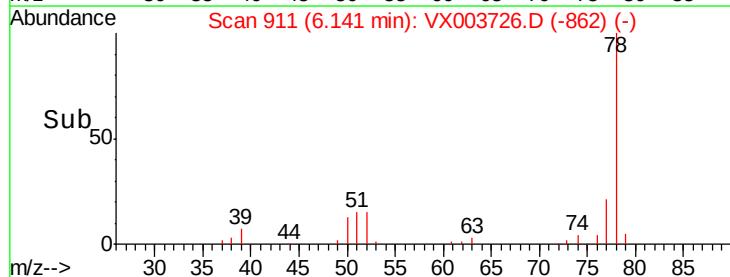
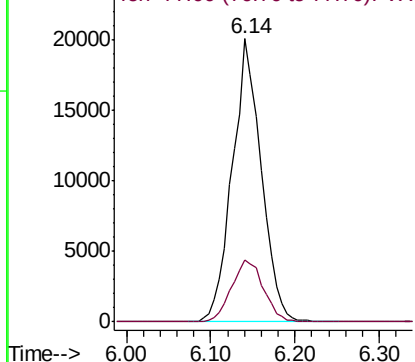


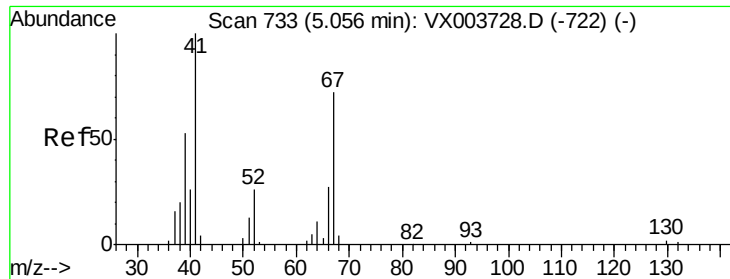
#40
Benzene
Concen: 10.356 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 78 Resp: 46693
Ion Ratio Lower Upper
78 100
77 21.9 17.9 26.9



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

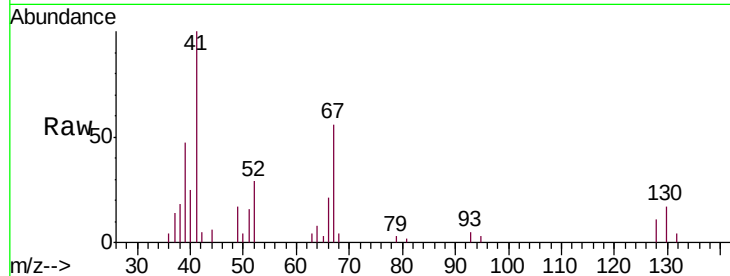




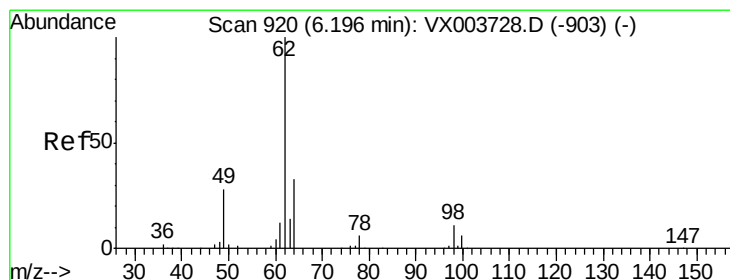
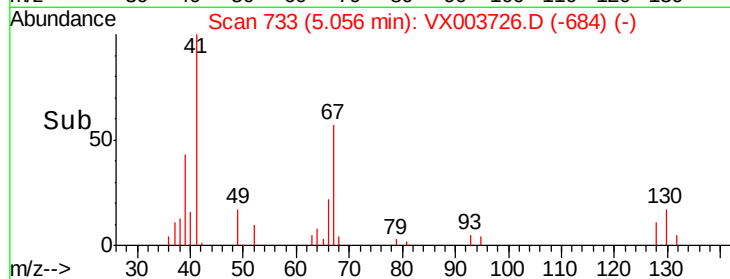
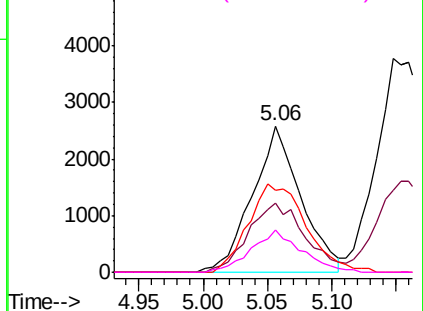
#41
Methacrylonitrile
Concen: 9.889 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	6737
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.6	64.0
67	72.1	58.9	88.3
52	30.3	22.9	34.3

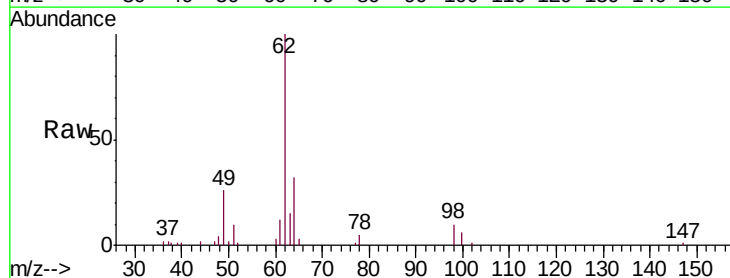


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

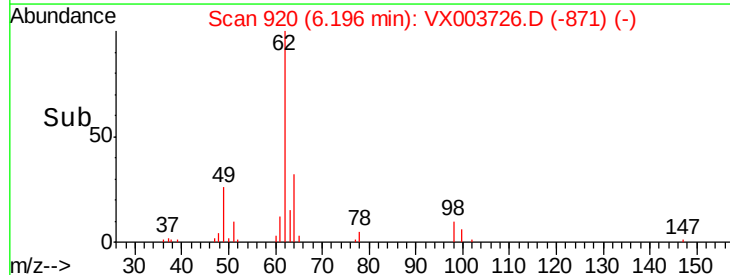
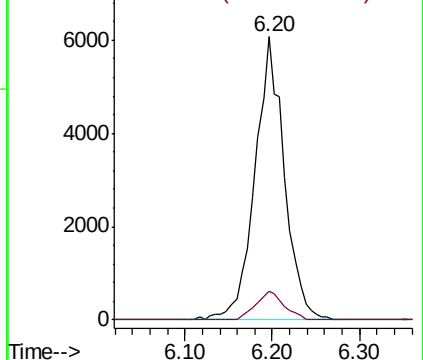


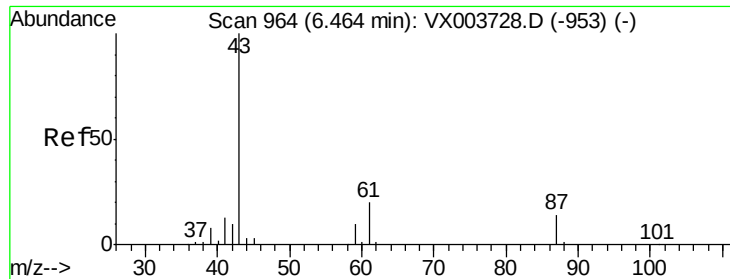
#42
1,2-Dichloroethane
Concen: 10.358 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion:	62	Resp:	14105
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 10.055 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

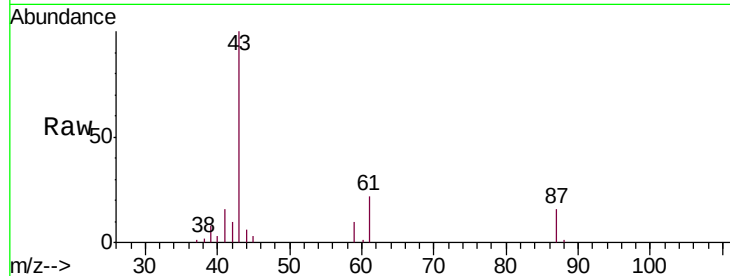
Tgt Ion: 43 Resp: 19362

Ion Ratio Lower Upper

43 100

61 20.7 16.5 24.7

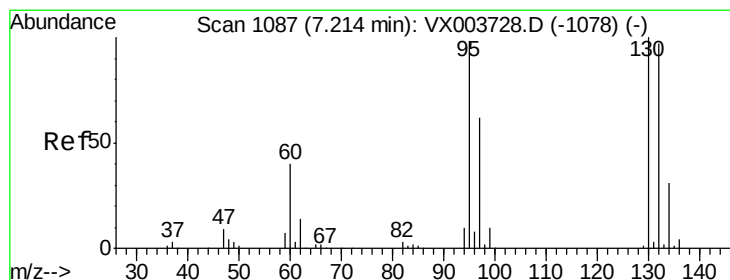
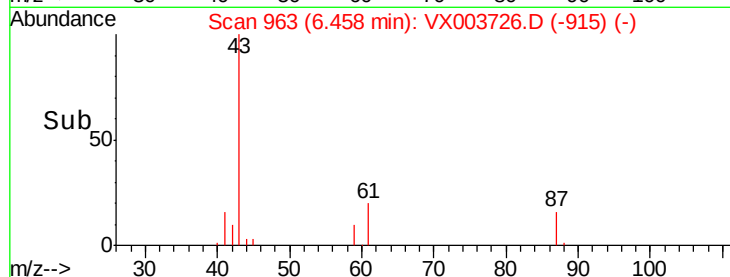
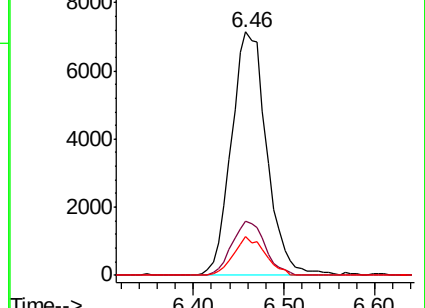
87 14.2 10.7 16.1



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: 10.108 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX003726.D

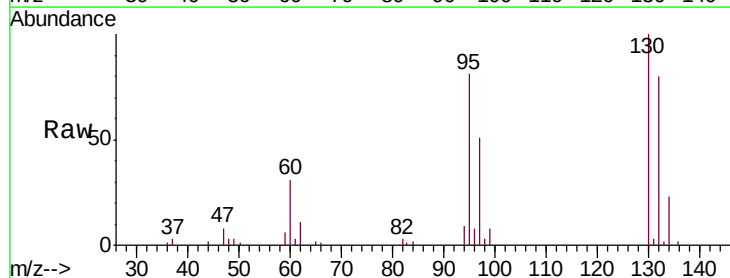
Acq: 30 Jul 2018 16:24

Tgt Ion: 130 Resp: 13001

Ion Ratio Lower Upper

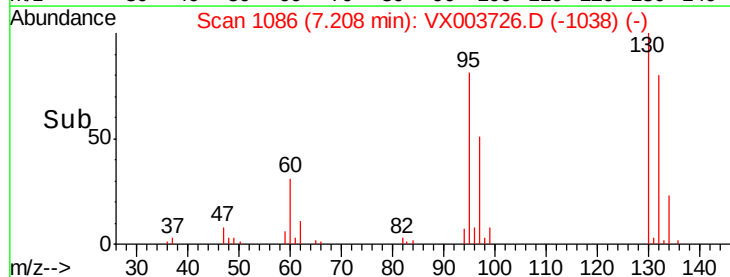
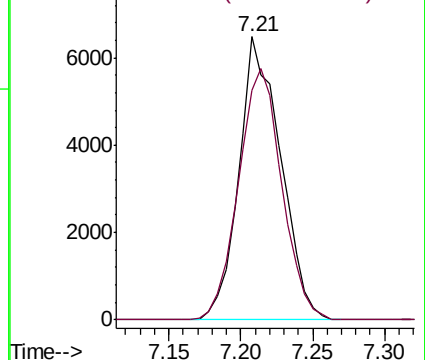
130 100

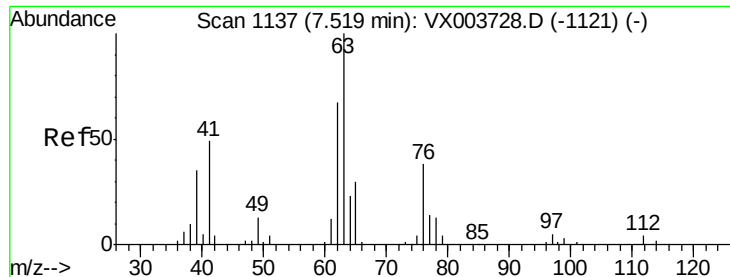
95 81.1 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

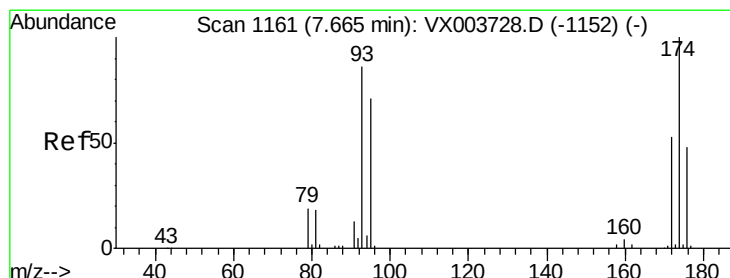
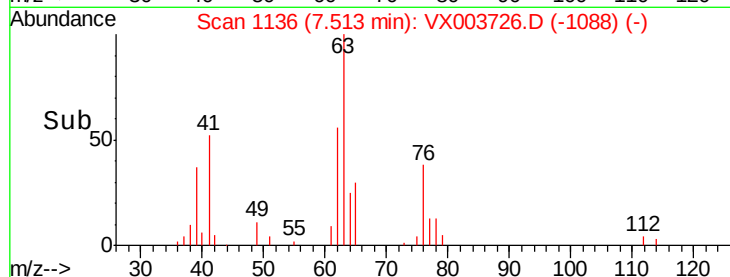
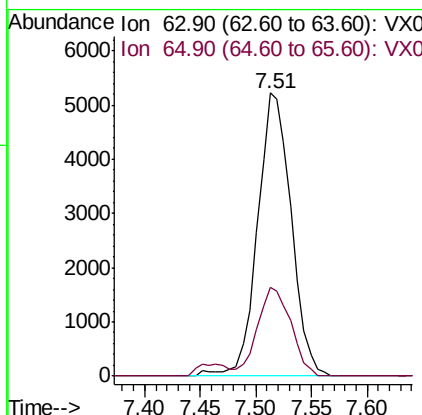
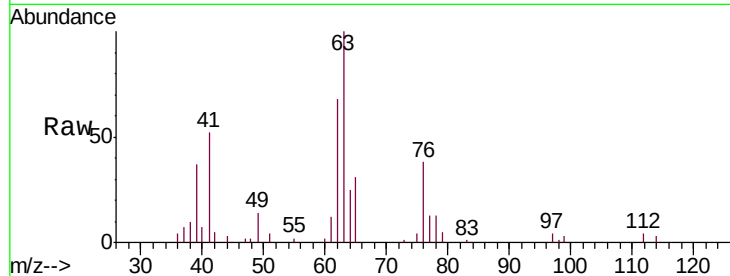




#45
 1,2-Dichloropropane
 Concen: 9.918 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

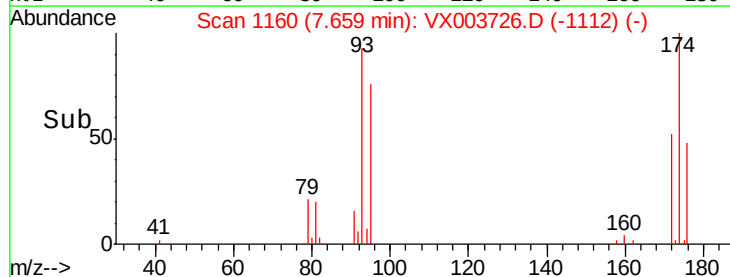
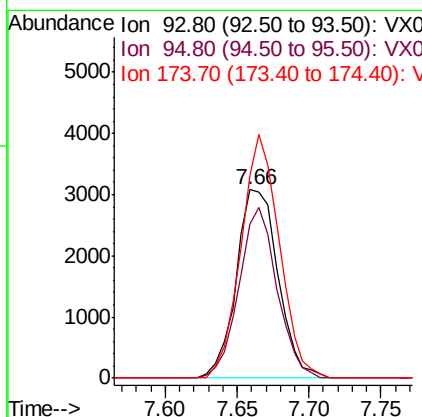
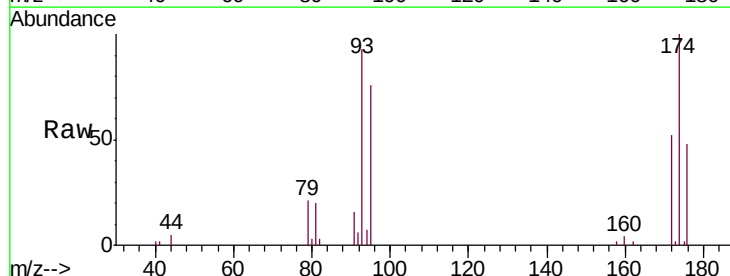
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

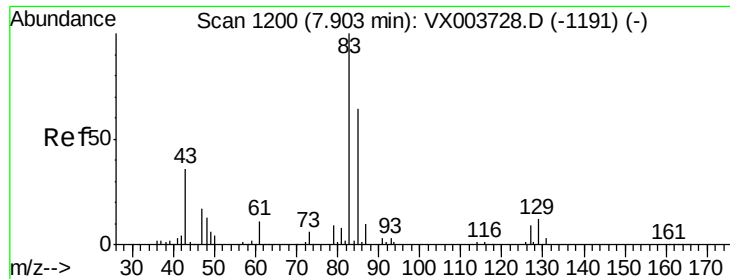
Tgt Ion: 63 Resp: 10997
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.7 35.5



#46
 Dibromomethane
 Concen: 9.716 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 93 Resp: 6208
 Ion Ratio Lower Upper
 93 100
 95 82.2 68.1 102.1
 174 118.0 96.2 144.4





#47

Bromodichloromethane

Concen: 9.474 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

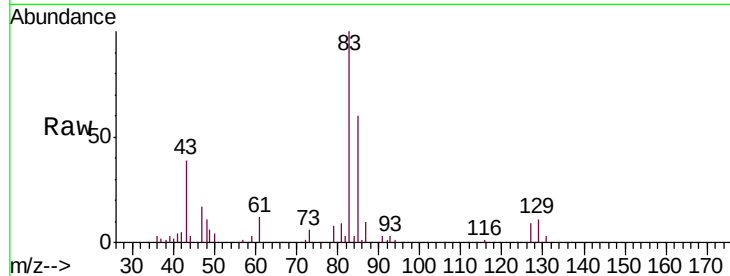
Tgt Ion: 83 Resp: 12063

Ion Ratio Lower Upper

83 100

85 60.5 51.1 76.7

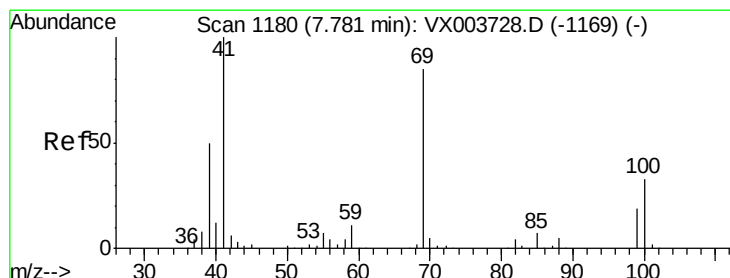
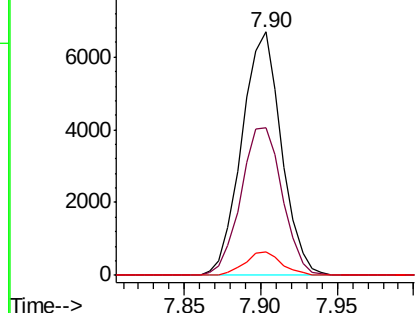
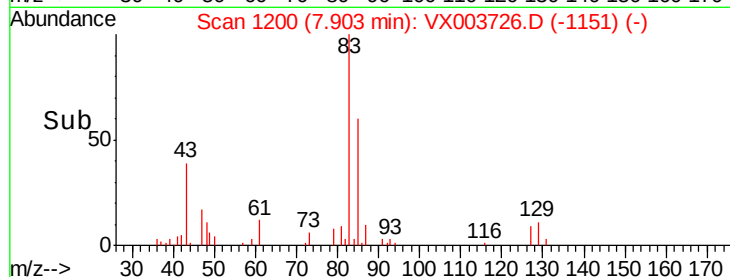
127 9.5 7.1 10.7



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: 9.626 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

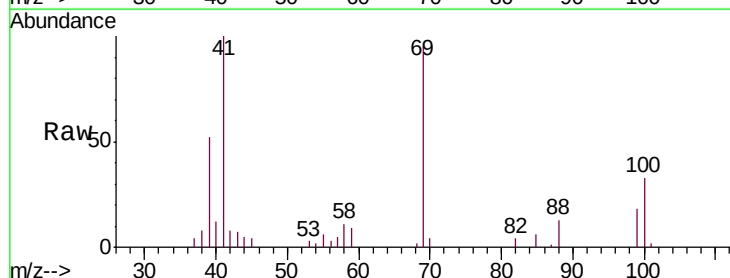
Tgt Ion: 41 Resp: 9298

Ion Ratio Lower Upper

41 100

69 85.6 68.7 103.1

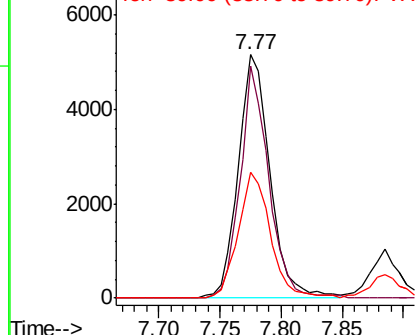
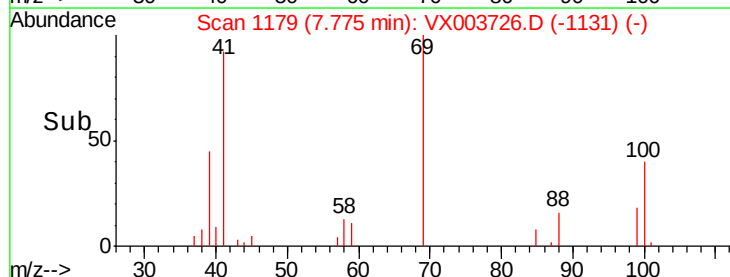
39 52.3 40.8 61.2

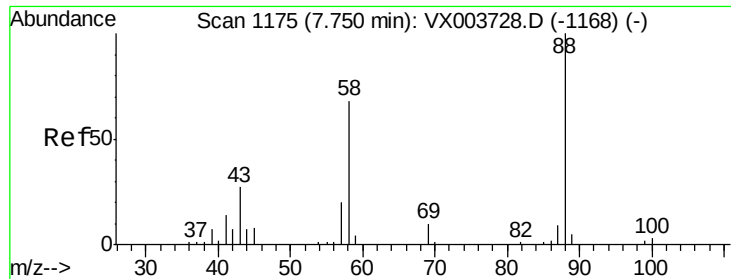


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

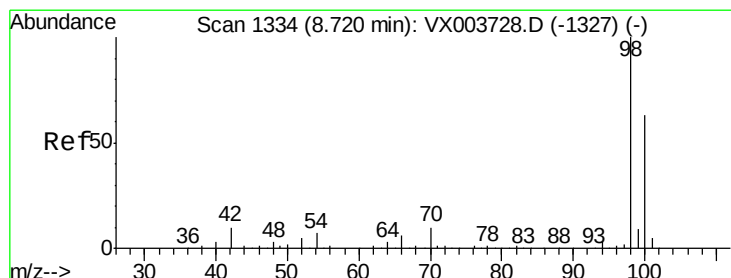
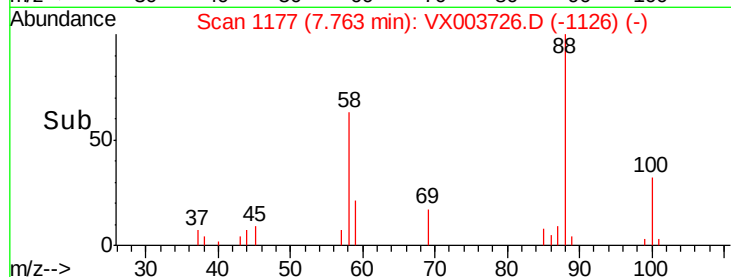
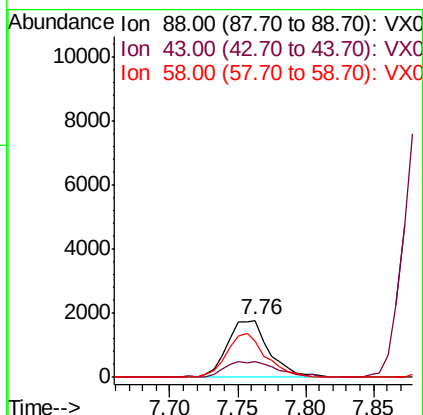
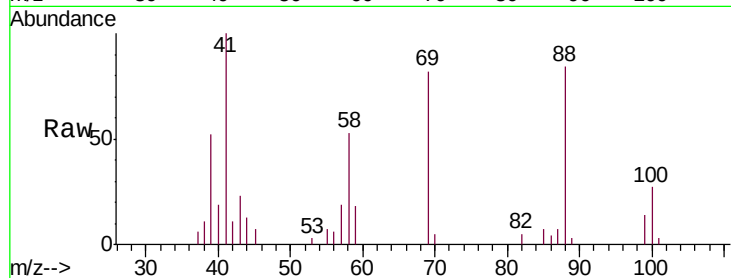




#49
1,4-Dioxane
Concen: 195.276 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

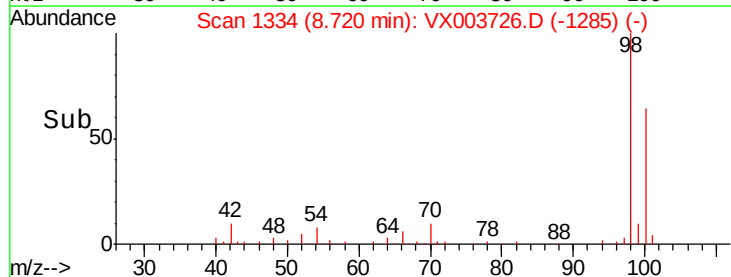
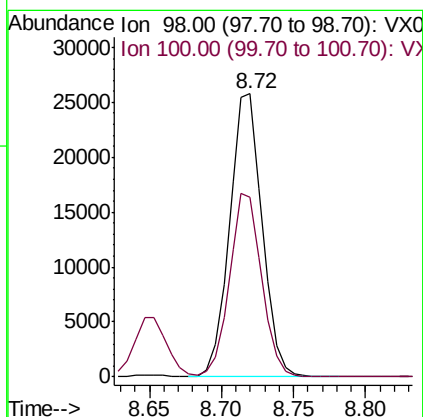
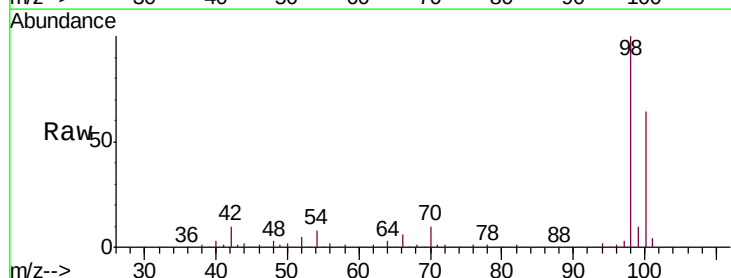
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

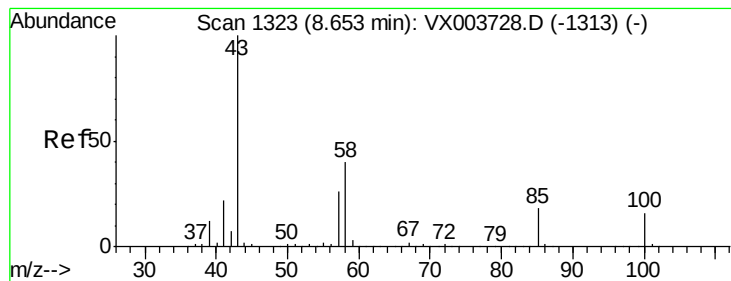
Tgt Ion: 88 Resp: 3807
Ion Ratio Lower Upper
88 100
43 34.1 26.0 39.0
58 72.3 57.1 85.7



#50
Toluene-d8
Concen: 9.871 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 98 Resp: 40715
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 48.432 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

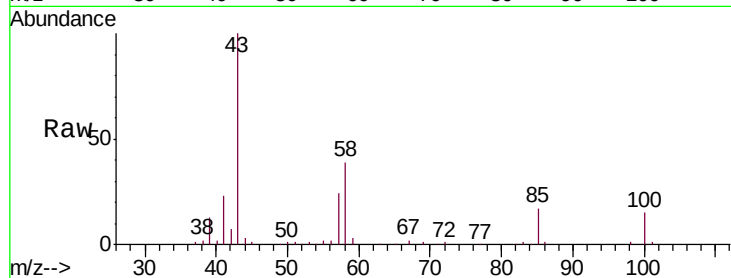
VSTDIC010

Tgt Ion: 43 Resp: 57317

Ion Ratio Lower Upper

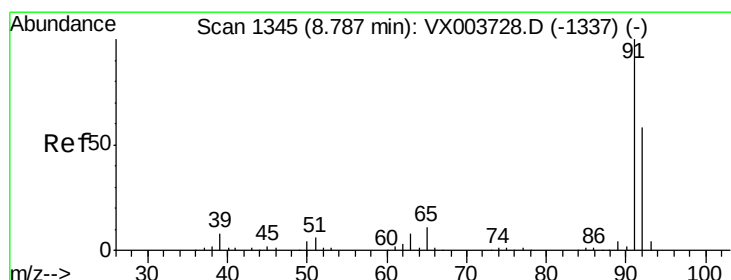
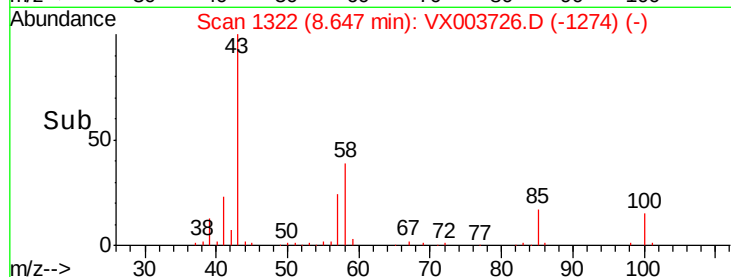
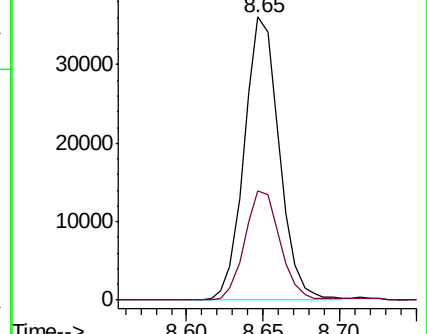
43 100

58 38.9 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: 9.854 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003726.D

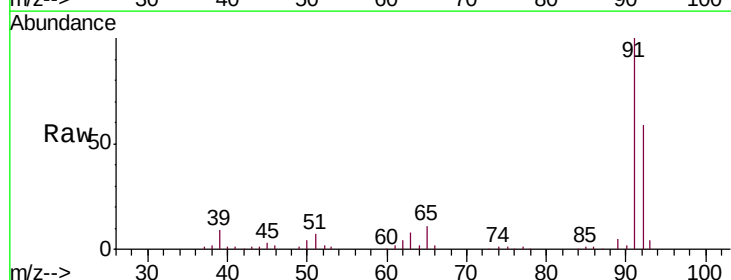
Acq: 30 Jul 2018 16:24

Tgt Ion: 92 Resp: 27716

Ion Ratio Lower Upper

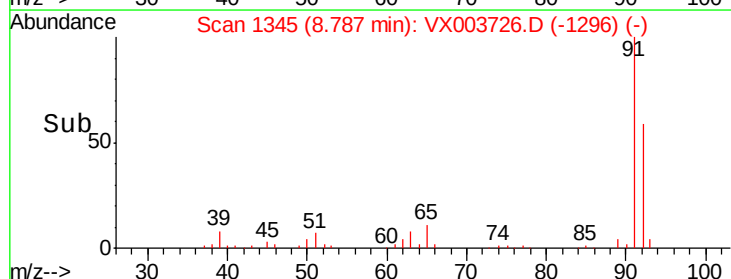
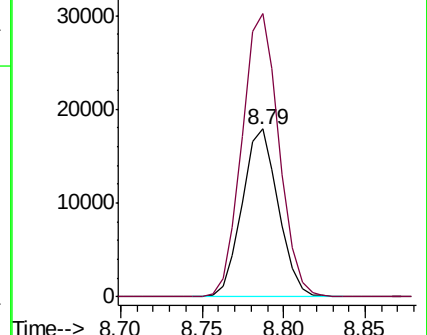
92 100

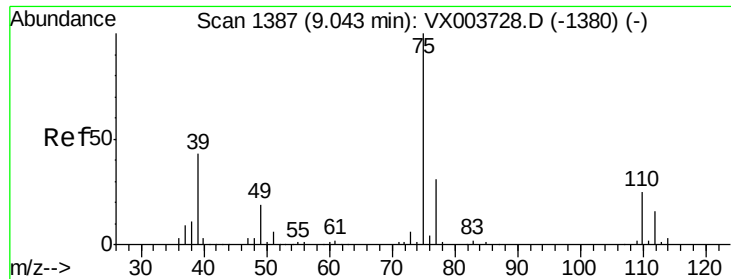
91 172.2 139.4 209.2



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: 9.356 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

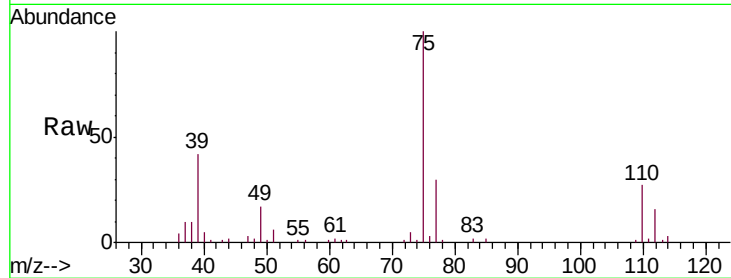
VSTDIC010

Tgt Ion: 75 Resp: 13607

Ion Ratio Lower Upper

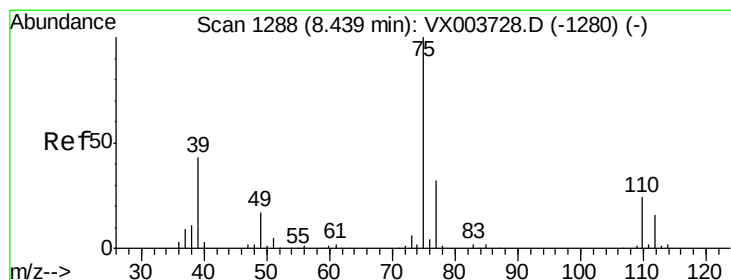
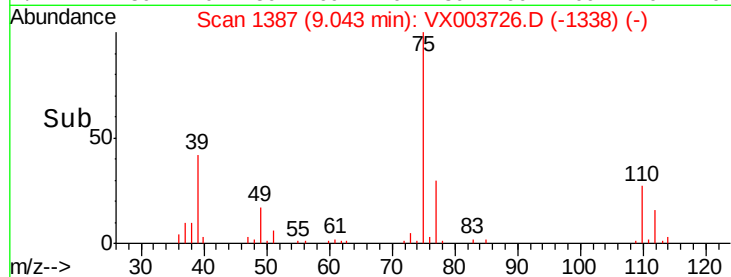
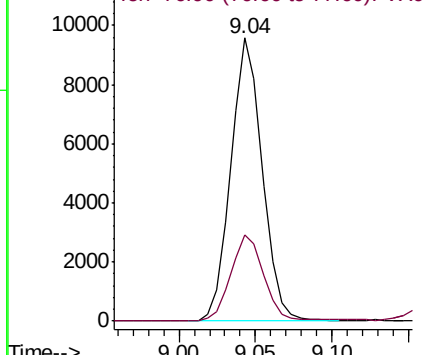
75 100

77 30.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.310 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

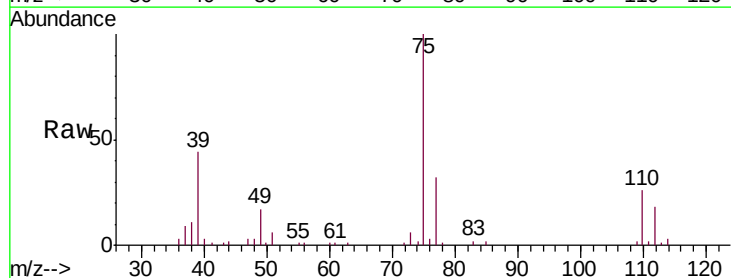
Tgt Ion: 75 Resp: 15091

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

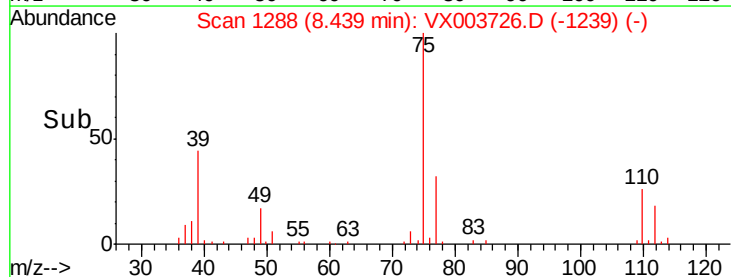
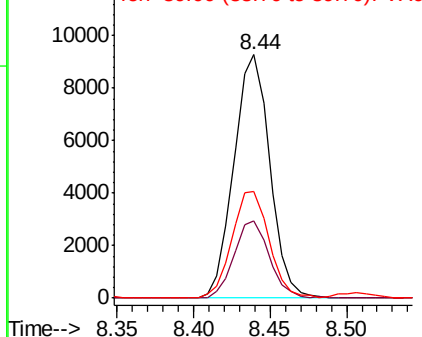
39 43.8 34.1 51.1

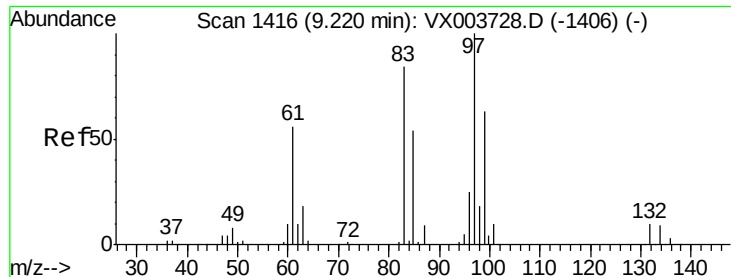


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

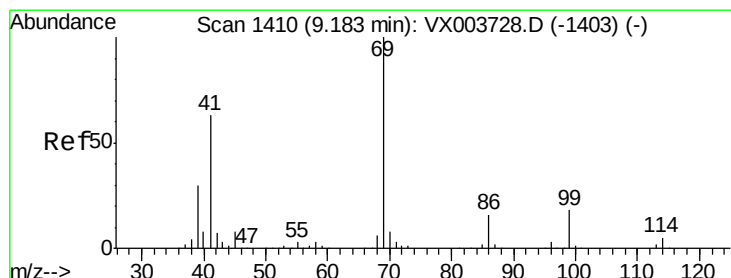
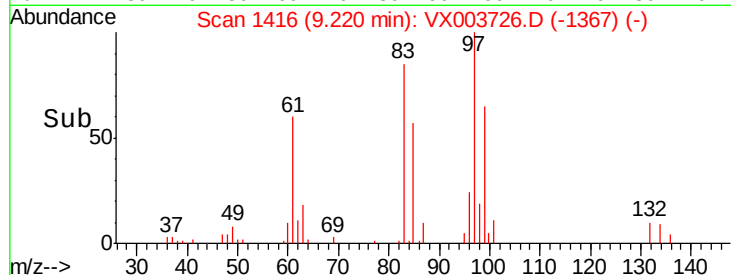
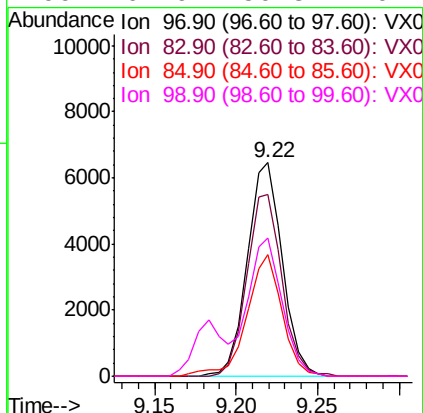
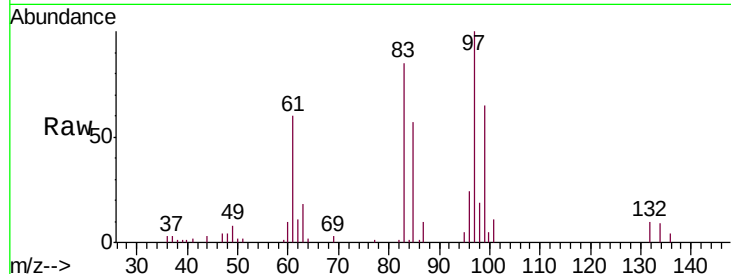




#55
 1,1,2-Trichloroethane
 Concen: 9.961 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

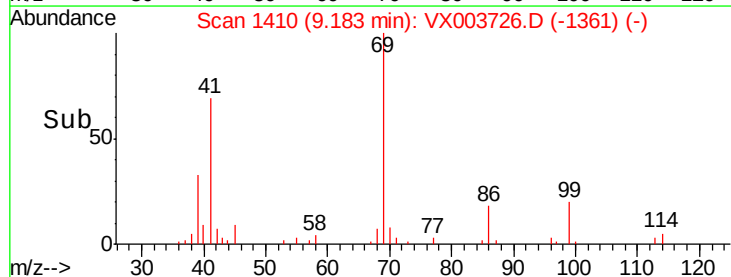
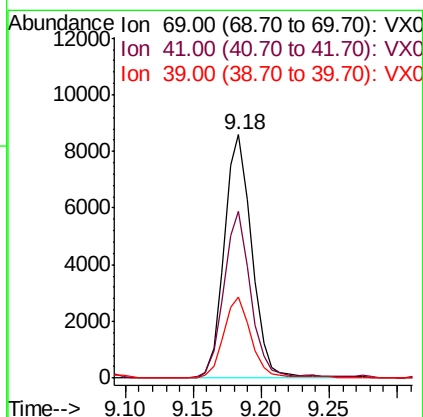
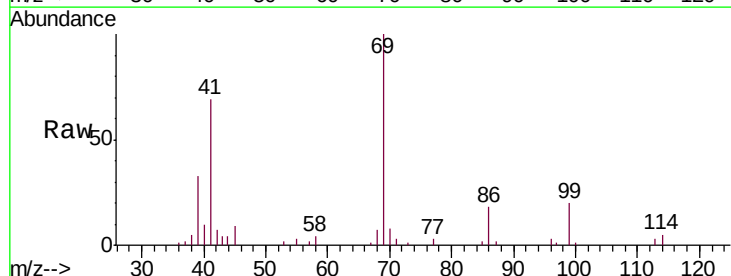
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

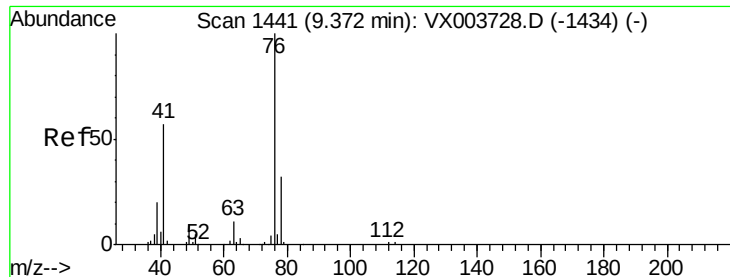
Tgt Ion: 97 Resp: 9642
 Ion Ratio Lower Upper
 97 100
 83 85.2 67.4 101.0
 85 56.7 43.3 64.9
 99 64.9 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 9.140 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 69 Resp: 12153
 Ion Ratio Lower Upper
 69 100
 41 66.7 51.6 77.4
 39 33.5 25.1 37.7

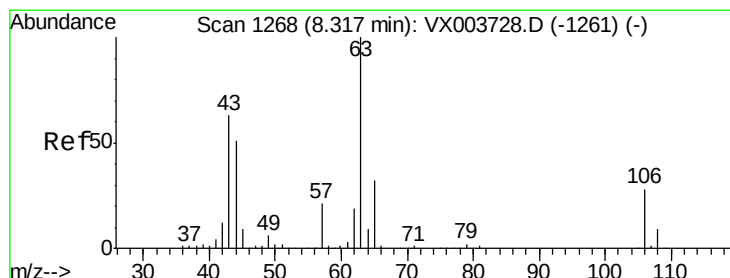
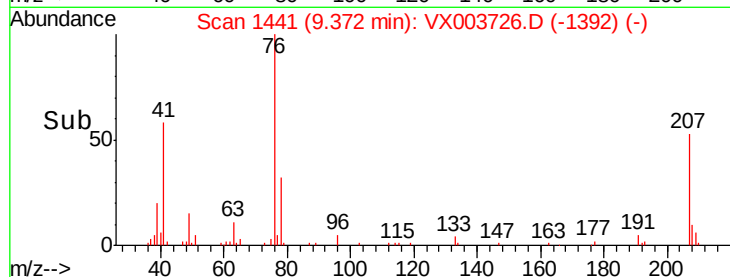
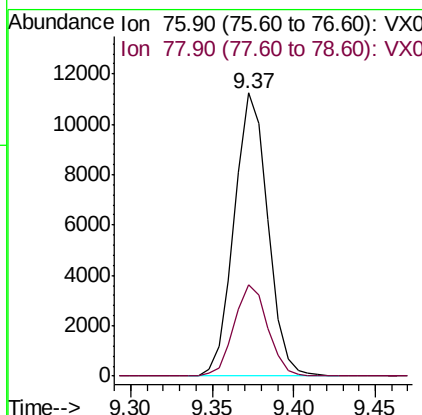
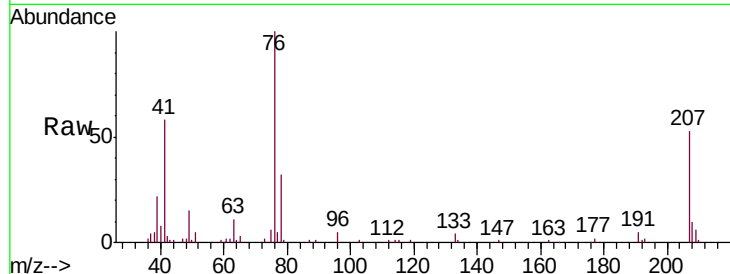




#57
 1,3-Dichloropropane
 Concen: 9.947 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

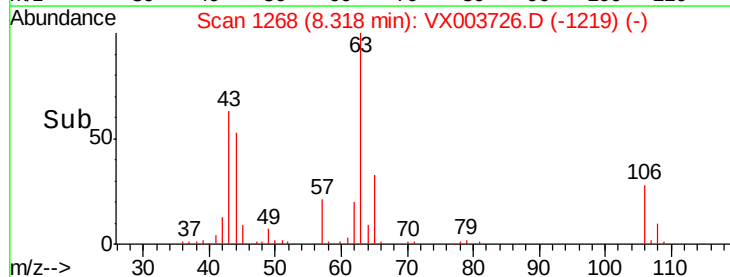
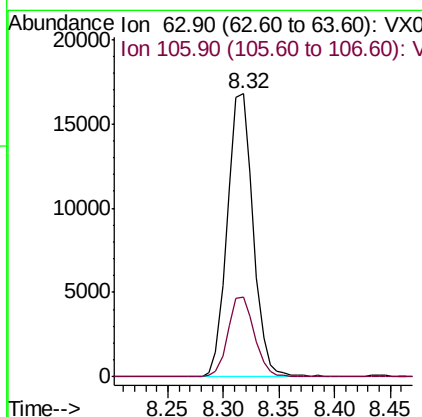
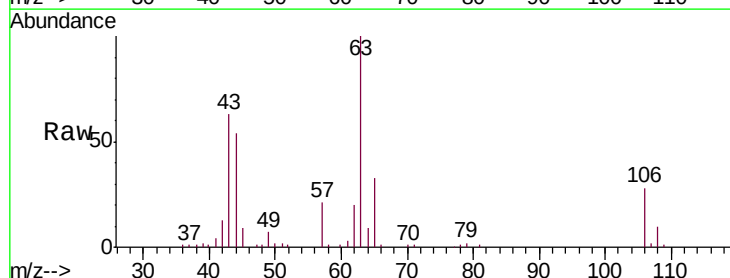
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

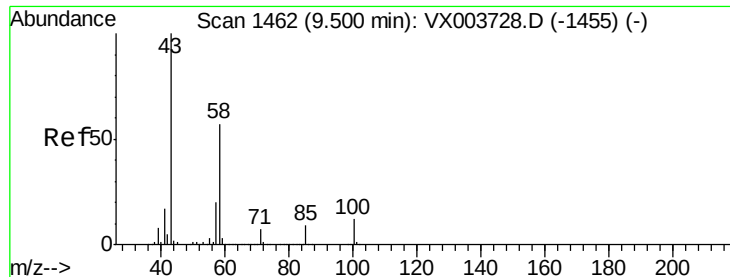
Tgt Ion: 76 Resp: 16163
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 42.501 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 63 Resp: 27034
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.5 33.7

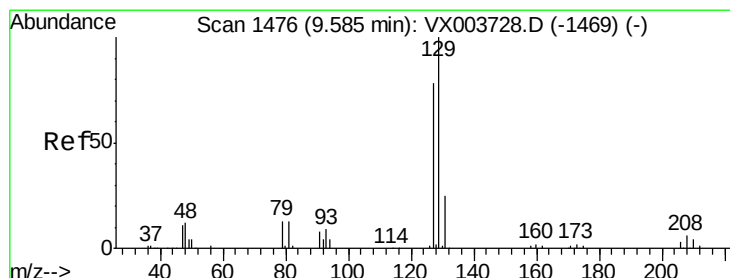
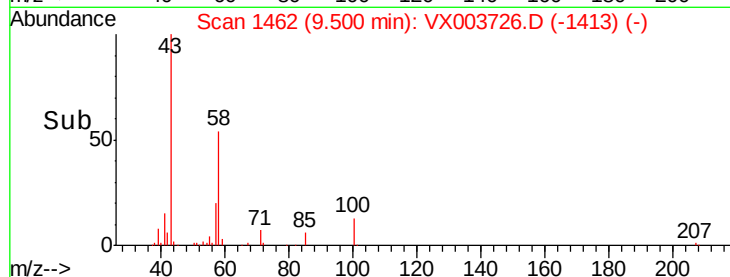
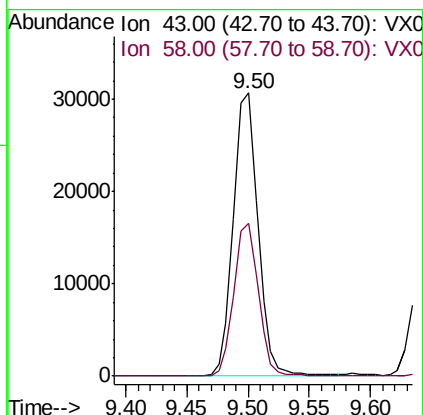
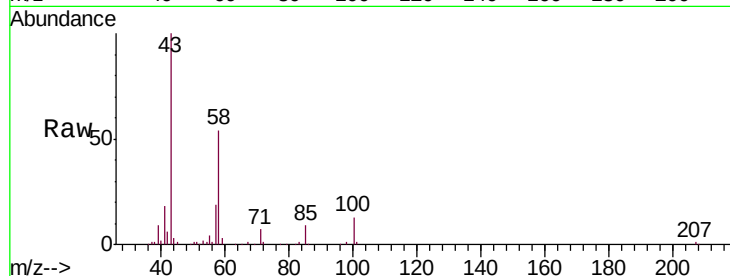




#59
2-Hexanone
Concen: 47.299 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

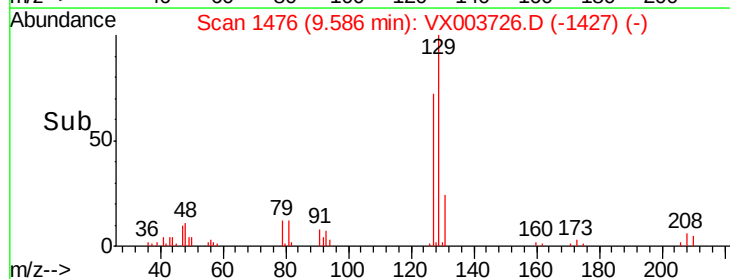
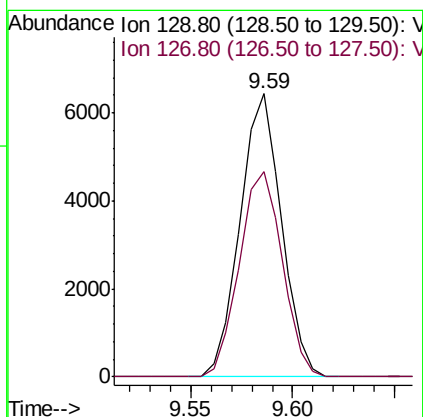
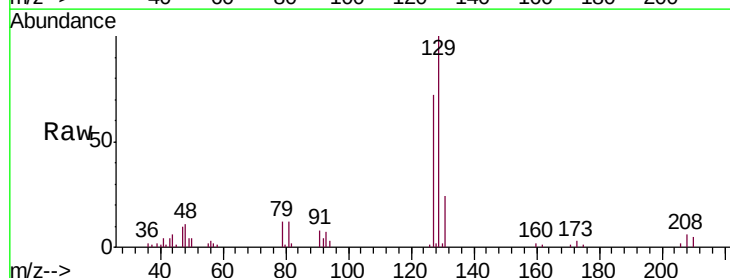
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

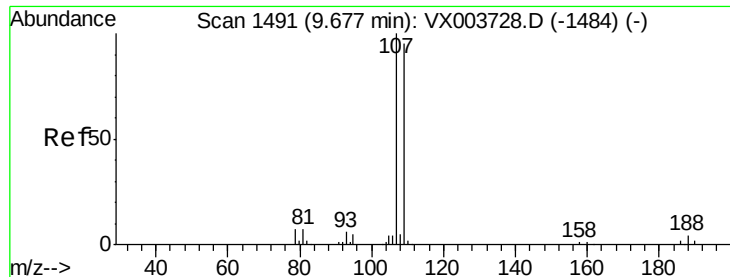
Tgt Ion: 43 Resp: 42644
Ion Ratio Lower Upper
43 100
58 53.9 28.0 83.9



#60
Dibromochloromethane
Concen: 9.299 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 129 Resp: 9065
Ion Ratio Lower Upper
129 100
127 75.3 38.8 116.4





#61

1,2-Dibromoethane

Concen: 9.713 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

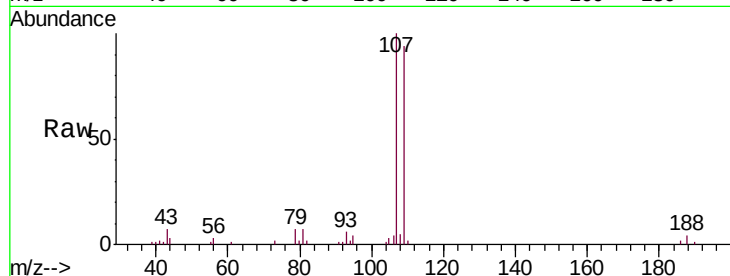
VSTDIC010

Tgt Ion: 107 Resp: 9599

Ion Ratio Lower Upper

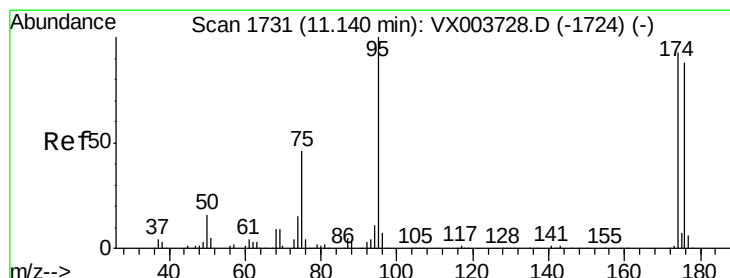
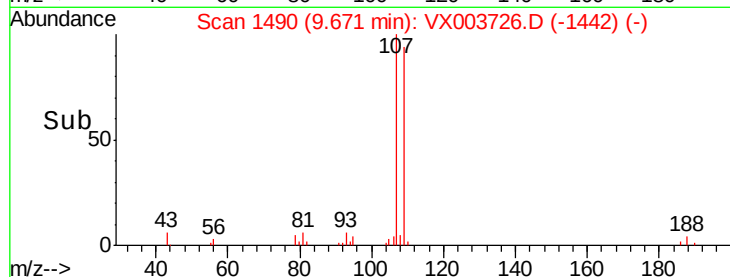
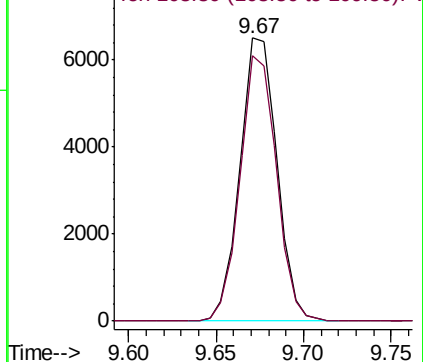
107 100

109 92.3 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: 9.856 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

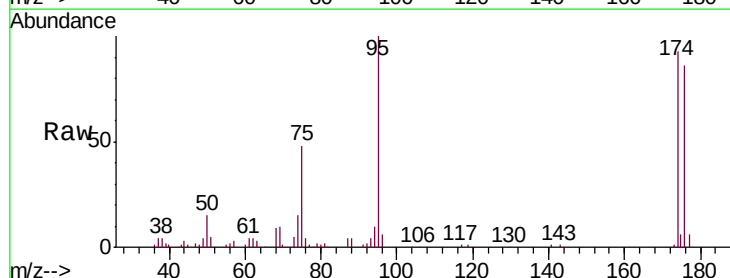
Tgt Ion: 95 Resp: 14988

Ion Ratio Lower Upper

95 100

174 89.6 0.0 186.2

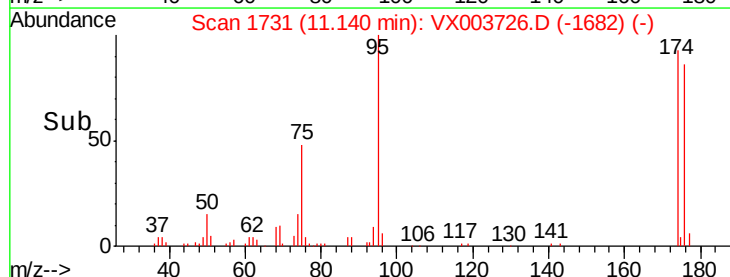
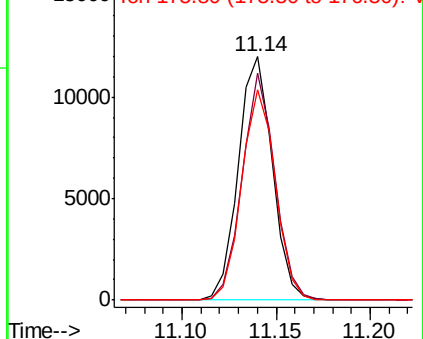
176 85.8 0.0 179.2

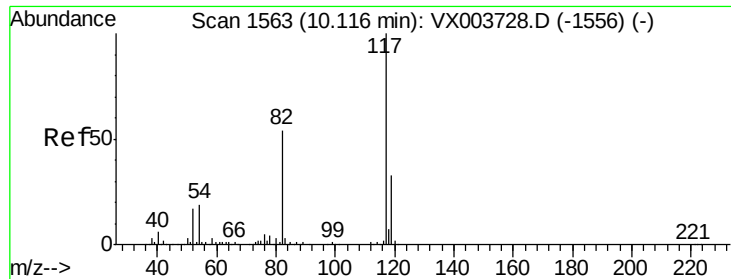


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

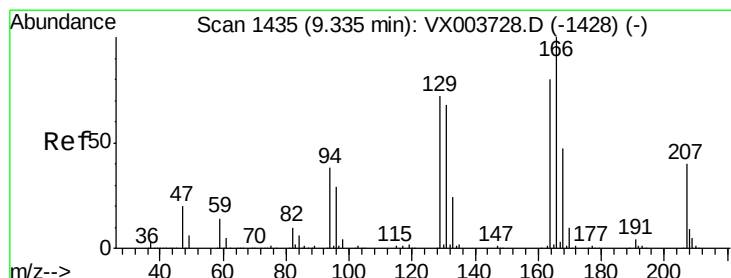
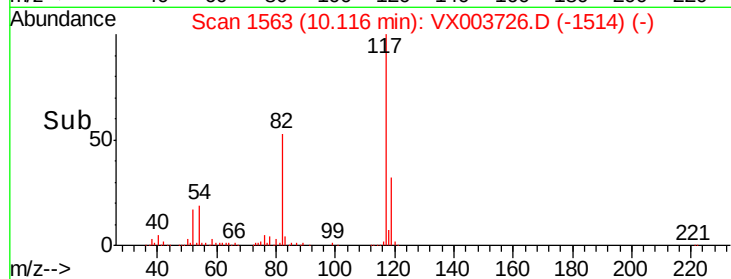
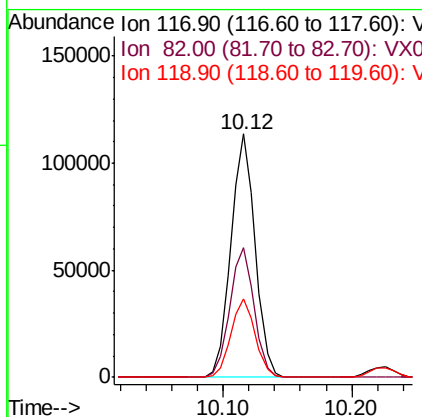
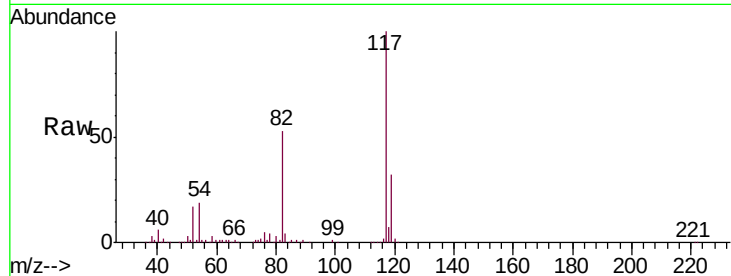




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

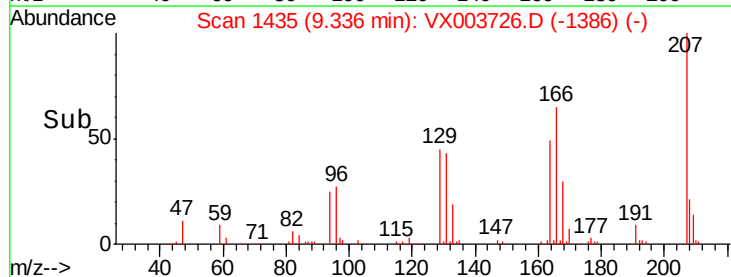
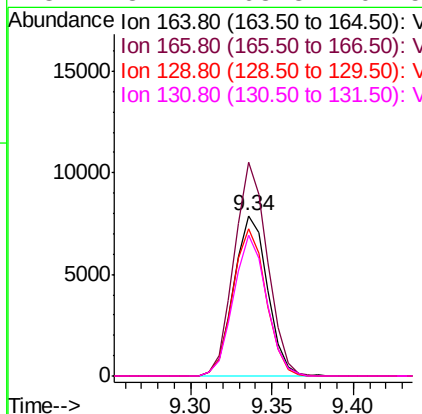
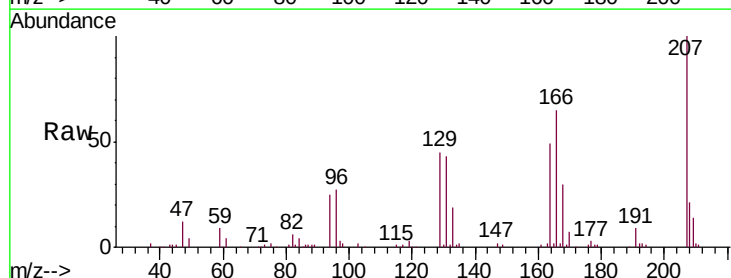
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

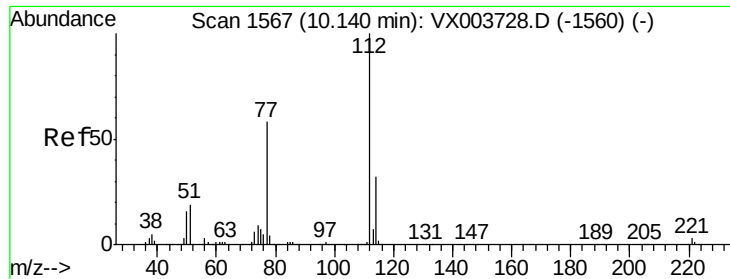
Tgt Ion:117 Resp: 149530
Ion Ratio Lower Upper
117 100
82 53.2 43.2 64.8
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 9.721 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion:164 Resp: 11425
Ion Ratio Lower Upper
164 100
166 133.3 100.4 150.6
129 92.1 71.8 107.8
131 87.7 68.3 102.5

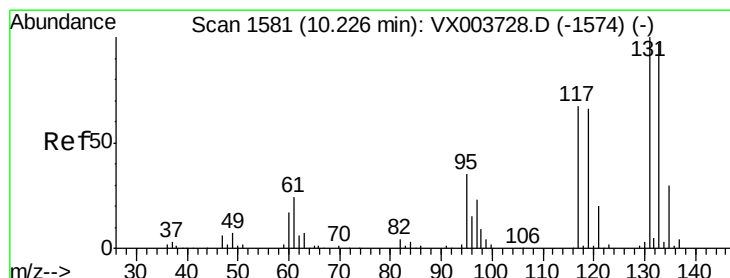
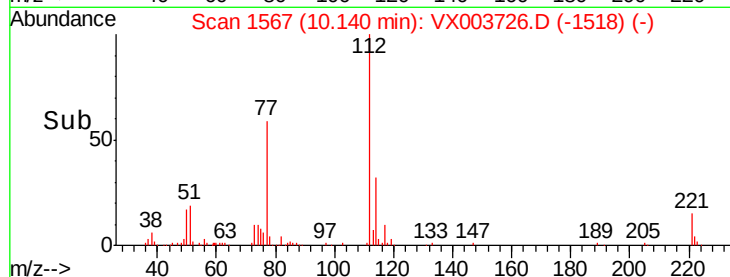
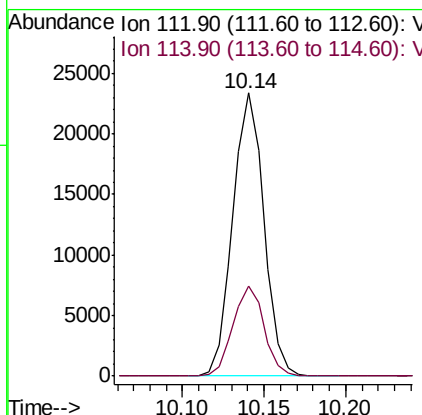
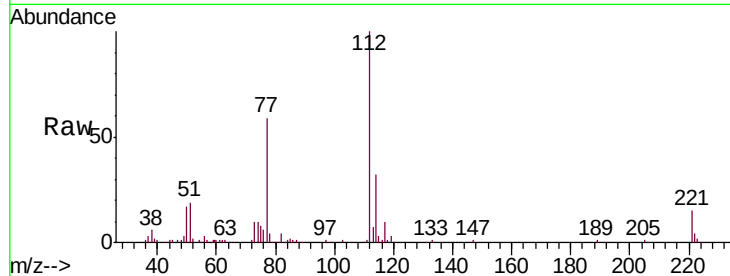




#65
Chlorobenzene
Concen: 9.952 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

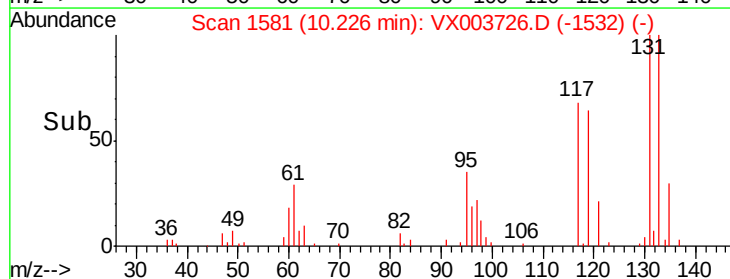
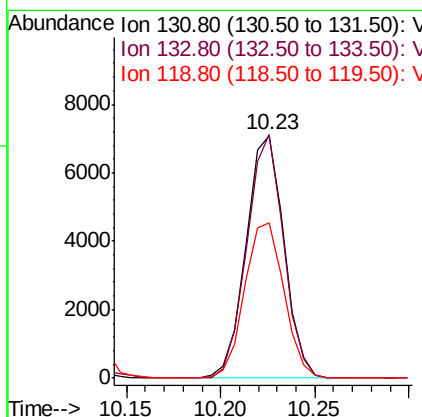
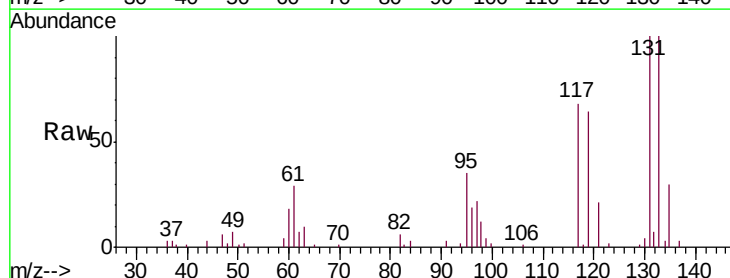
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

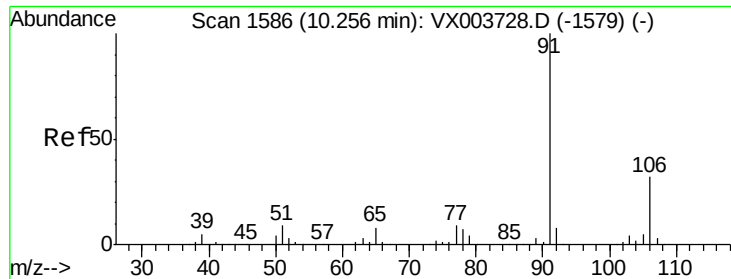
Tgt Ion:112 Resp: 31096
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.703 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion:131 Resp: 9887
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 66.3 32.8 98.3

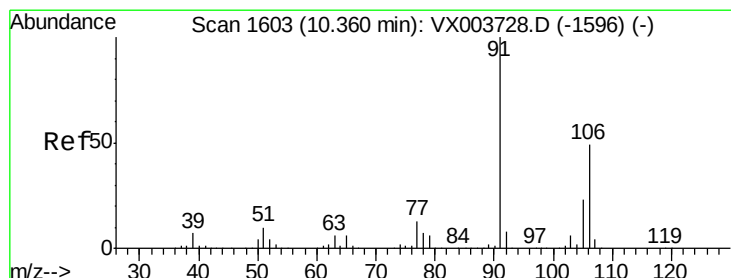
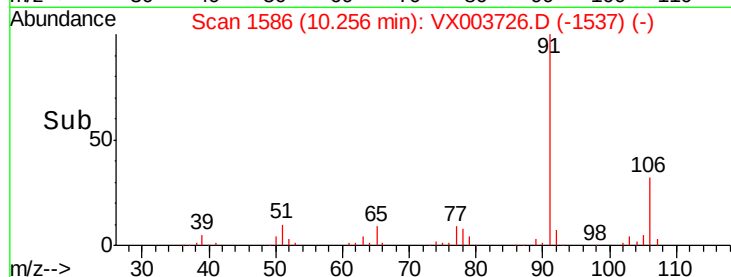
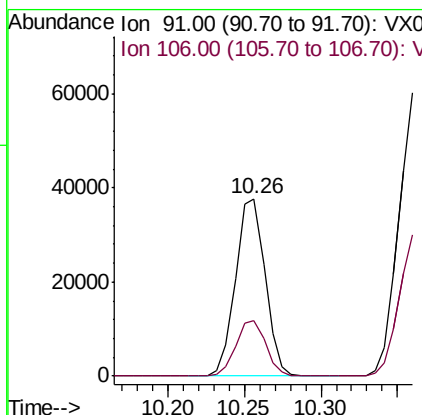
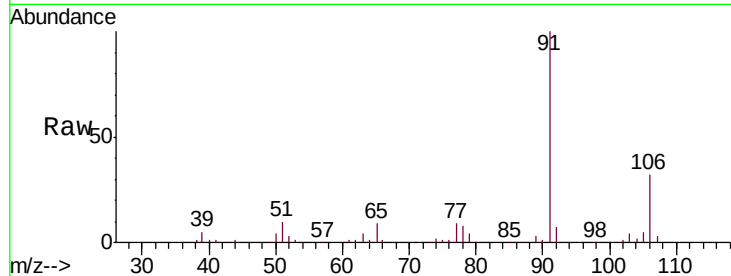




#67
Ethyl Benzene
Concen: 9.642 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

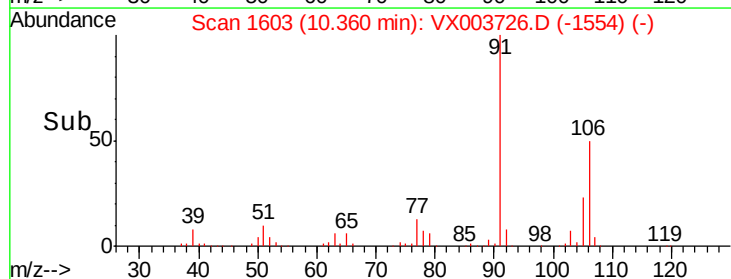
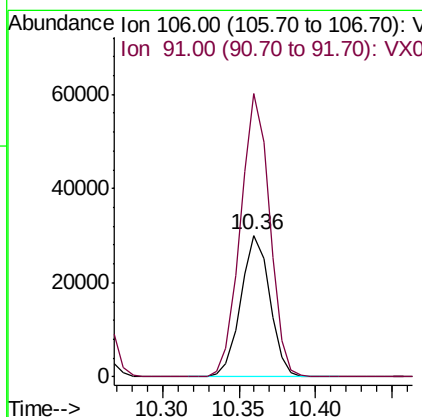
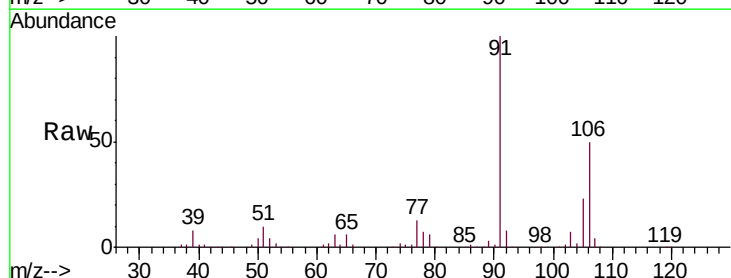
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

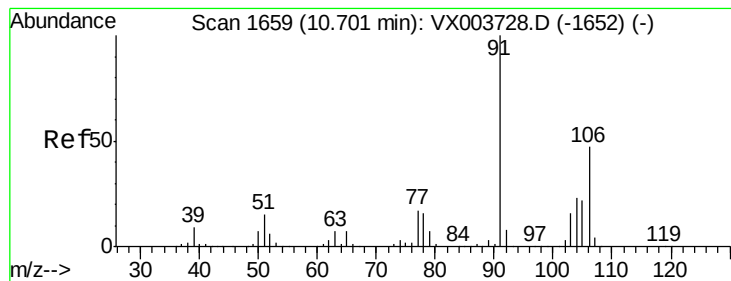
Tgt Ion: 91 Resp: 50872
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 19.240 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion: 106 Resp: 39711
Ion Ratio Lower Upper
106 100
91 200.9 159.8 239.8





#69

o-Xylene

Concen: 9.608 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

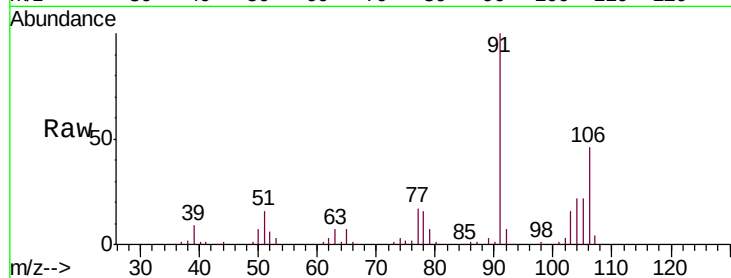
VSTDIC010

Tgt Ion:106 Resp: 18414

Ion Ratio Lower Upper

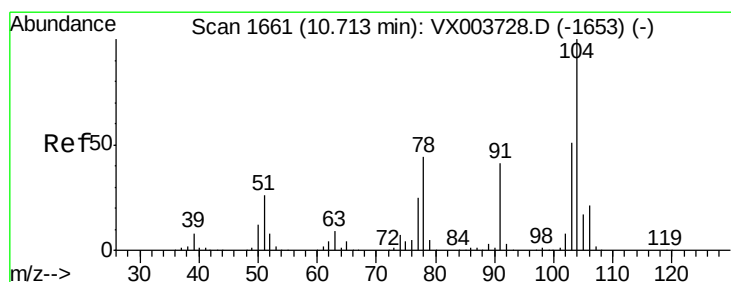
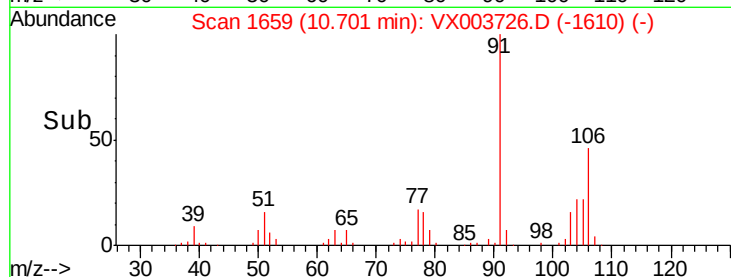
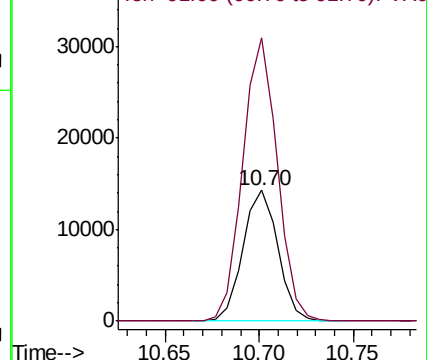
106 100

91 214.4 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 9.473 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

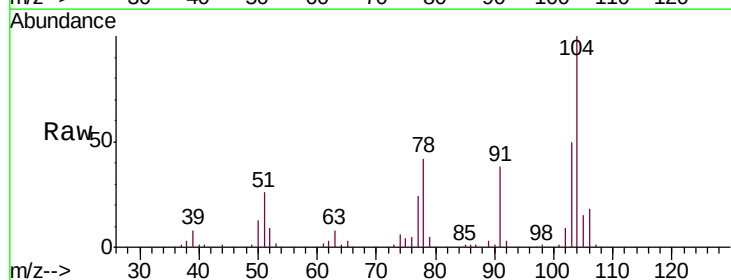
Tgt Ion:104 Resp: 30541

Ion Ratio Lower Upper

104 100

78 48.3 38.2 57.2

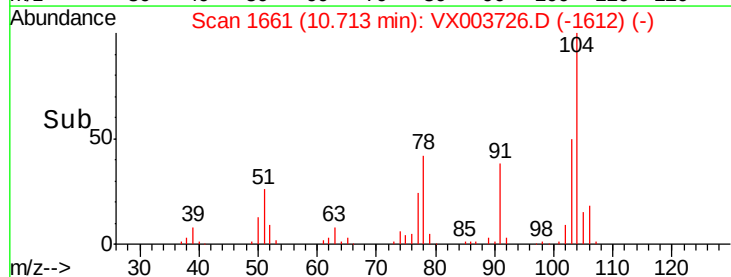
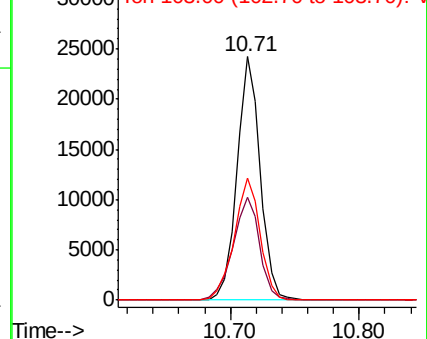
103 56.5 44.5 66.7

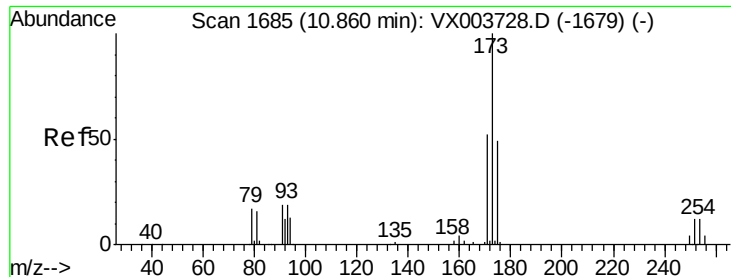


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.237 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

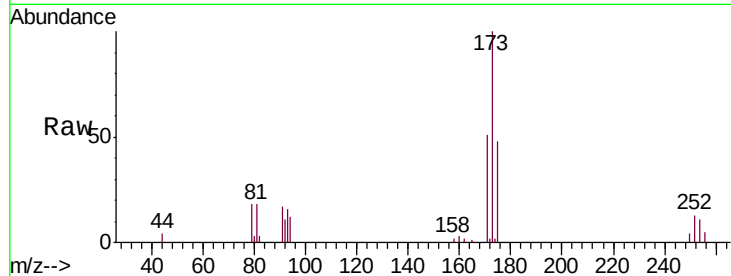
Tgt Ion:173 Resp: 6472

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.6

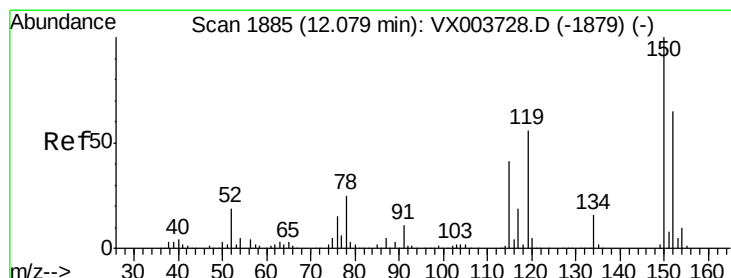
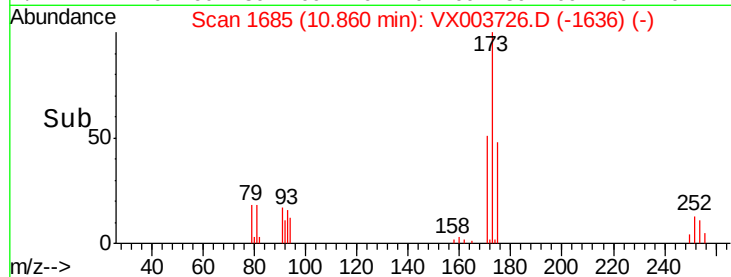
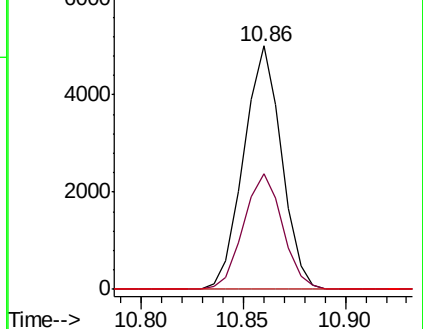
254 0.0 0.0 0.0



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: VX003726.D

Acq: 30 Jul 2018 16:24

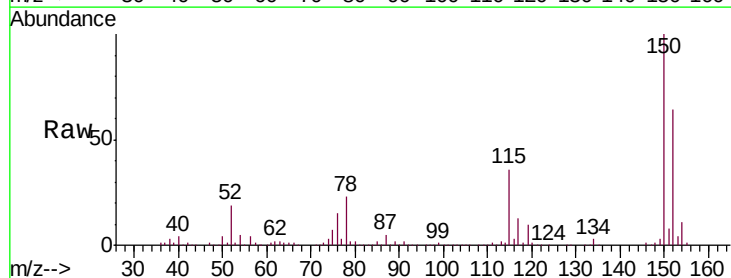
Tgt Ion:152 Resp: 82854

Ion Ratio Lower Upper

152 100

115 59.7 38.5 115.3

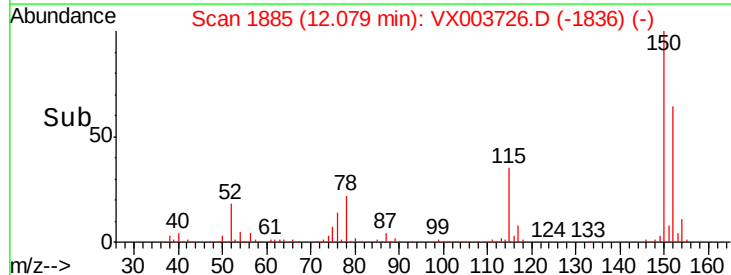
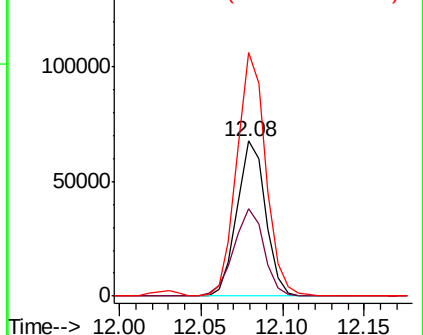
150 159.3 0.0 346.2

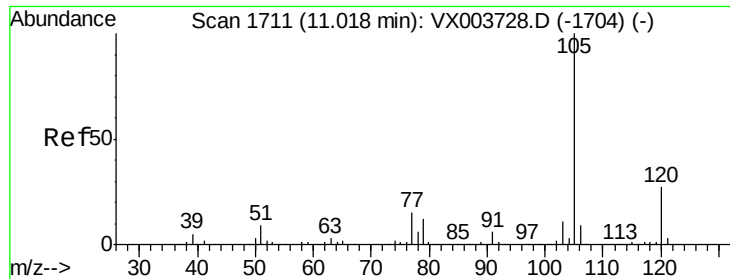


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.948 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

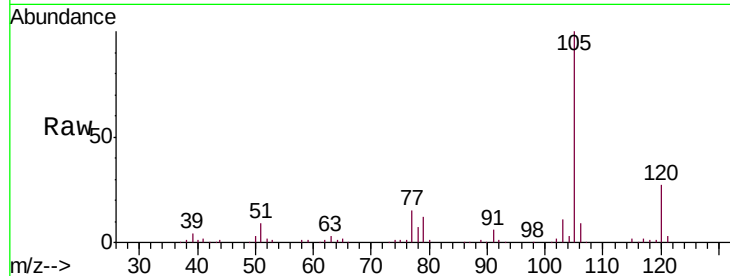
VSTDIC010

Tgt Ion: 105 Resp: 51601

Ion Ratio Lower Upper

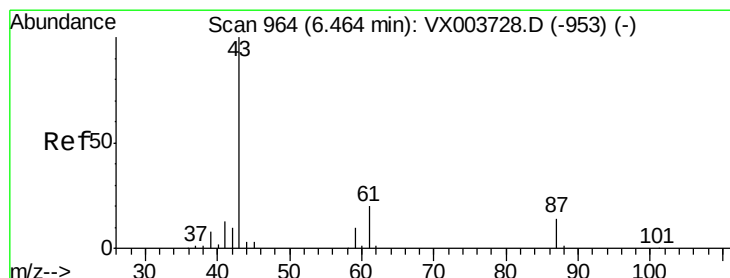
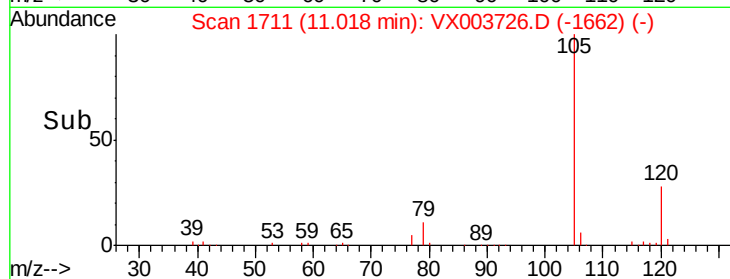
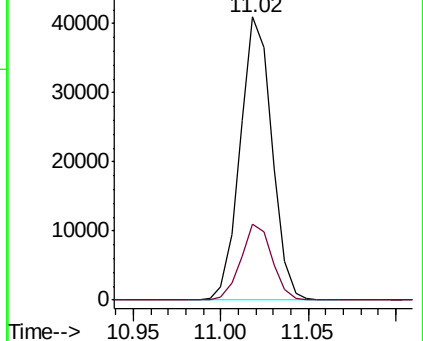
105 100

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



#74

N-amyl acetate

Concen: 11.737 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Tgt Ion: 43 Resp: 19362

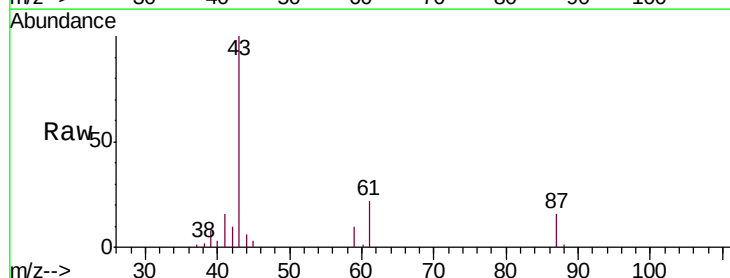
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.7 17.8 26.8

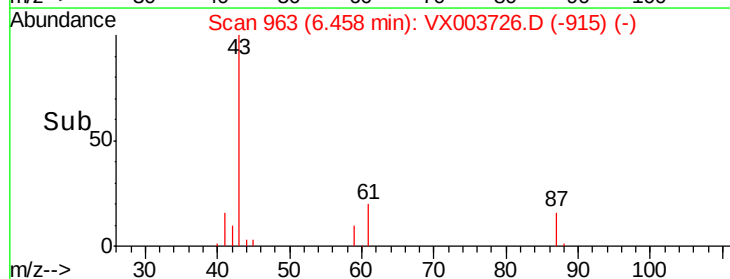
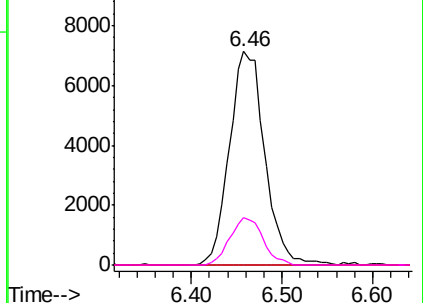


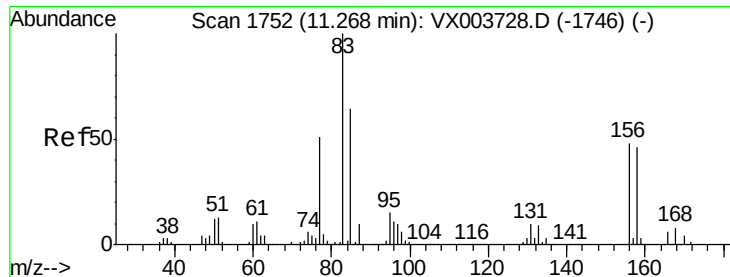
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 10.310 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

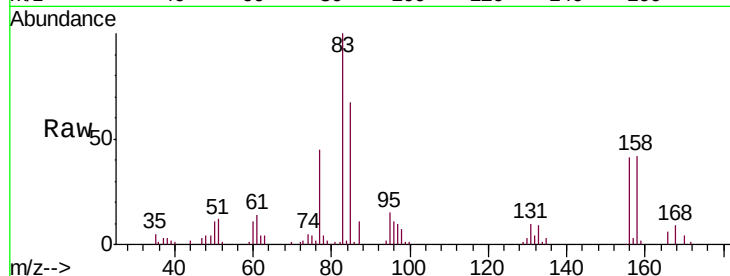
Tgt Ion: 83 Resp: 13903

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

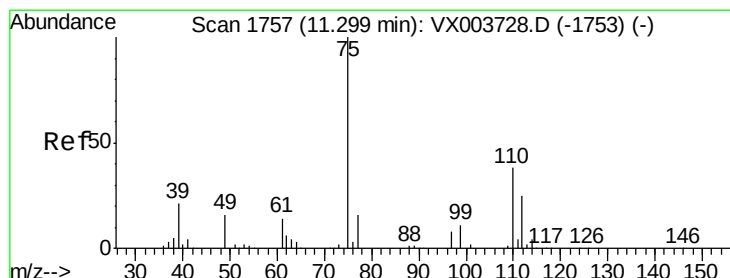
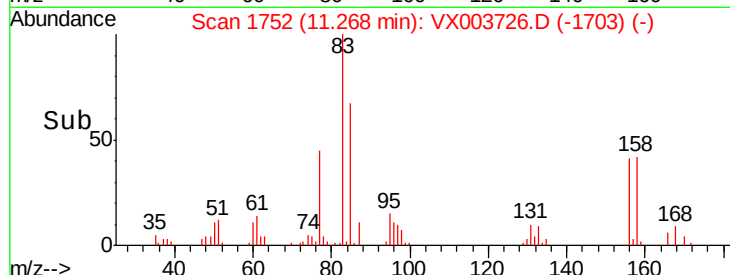
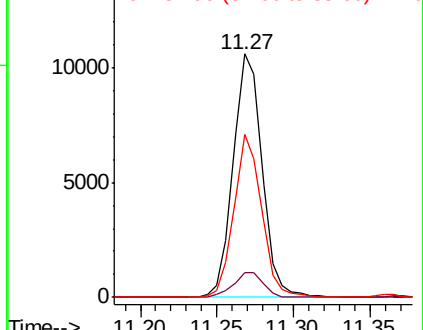
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 13.159 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003726.D

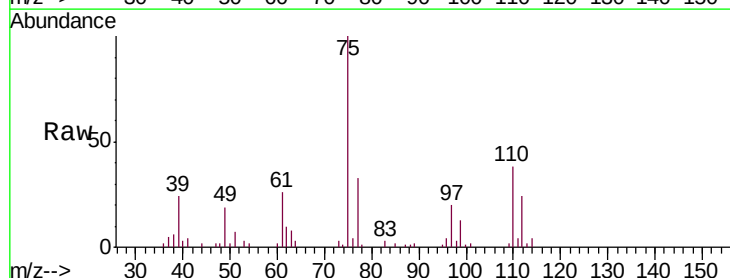
Acq: 30 Jul 2018 16:24

Tgt Ion: 75 Resp: 15028

Ion Ratio Lower Upper

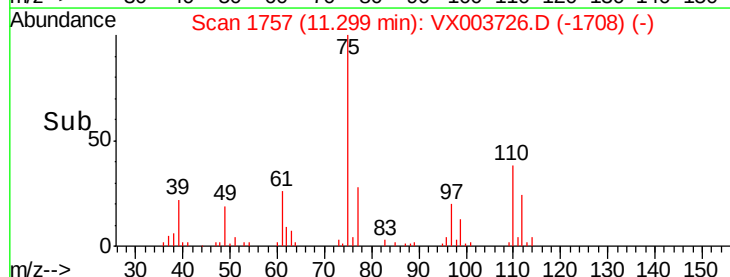
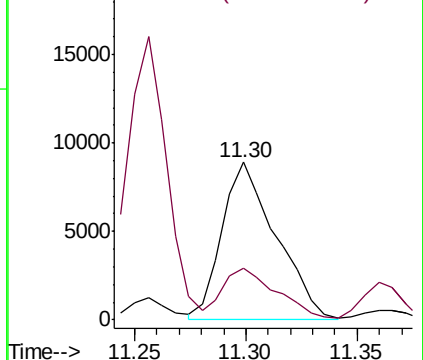
75 100

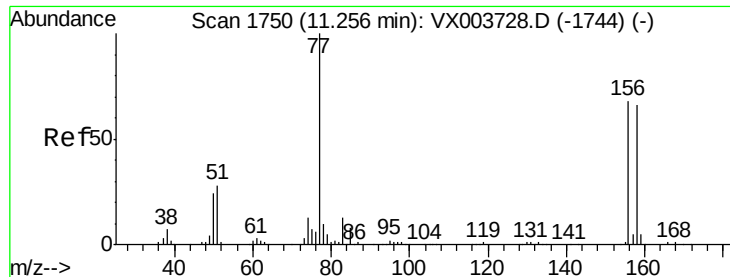
77 33.6 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 10.009 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

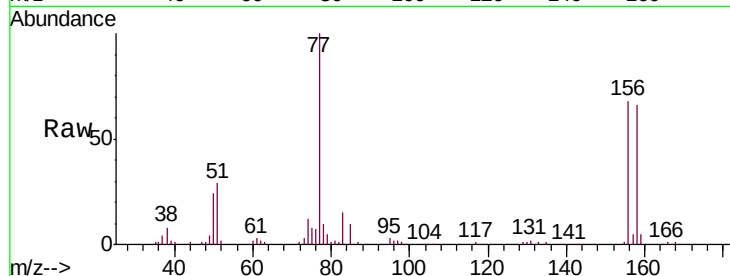
Tgt Ion:156 Resp: 13535

Ion Ratio Lower Upper

156 100

77 147.5 71.8 215.3

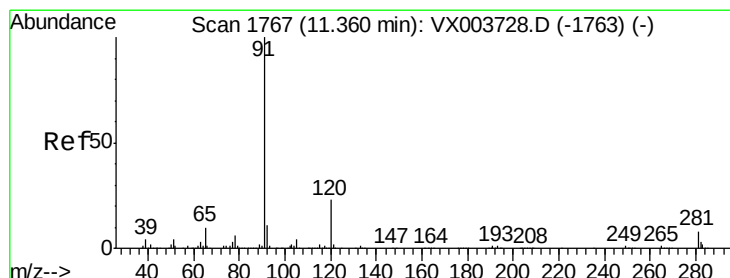
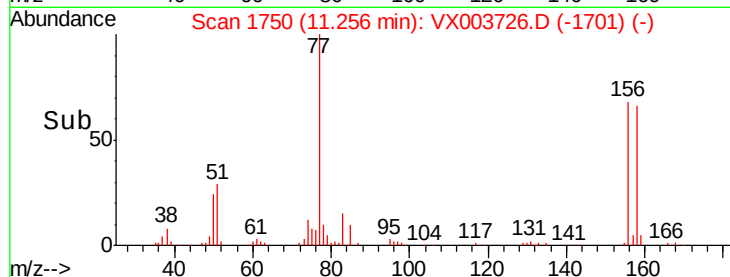
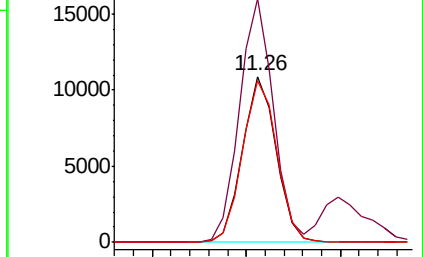
158 99.7 48.8 146.4



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: 9.928 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003726.D

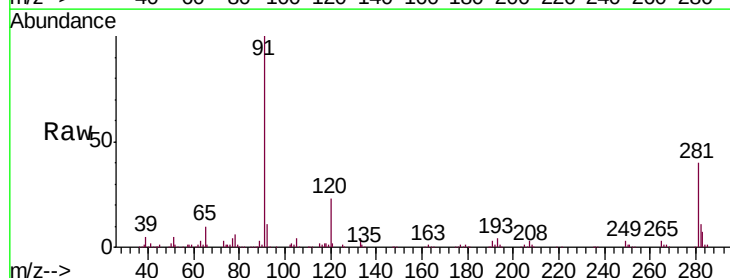
Acq: 30 Jul 2018 16:24

Tgt Ion: 91 Resp: 62387

Ion Ratio Lower Upper

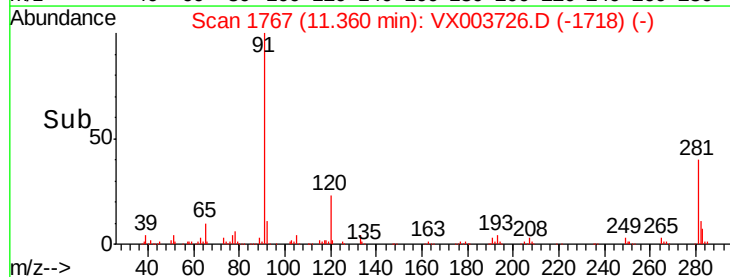
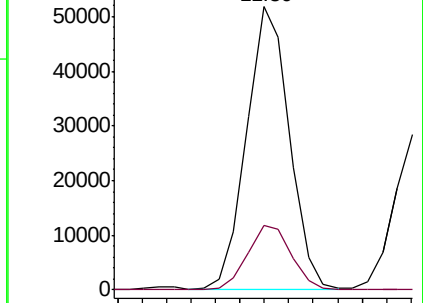
91 100

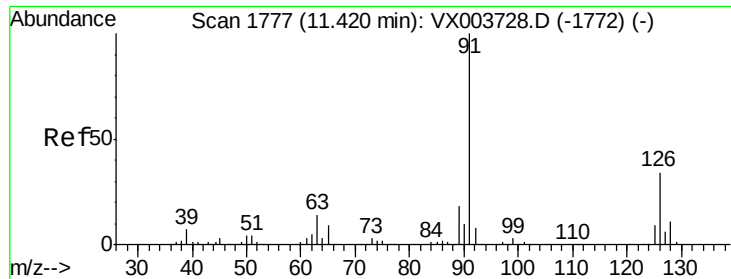
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

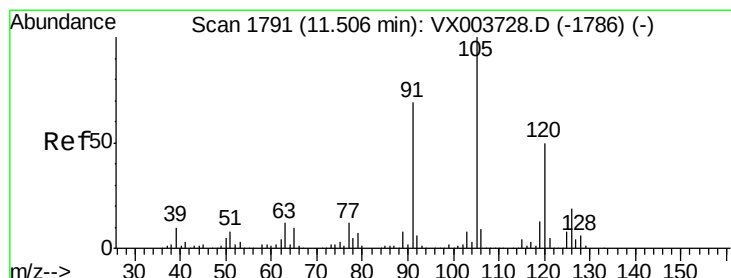
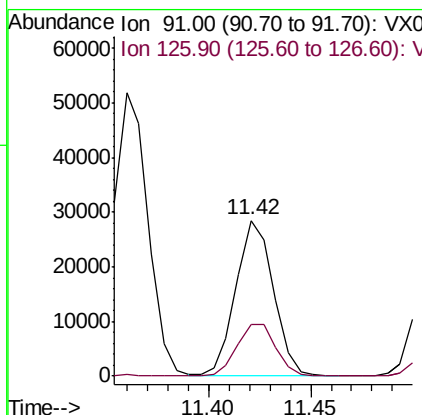
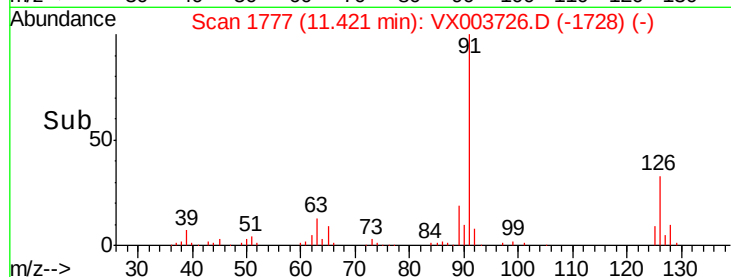
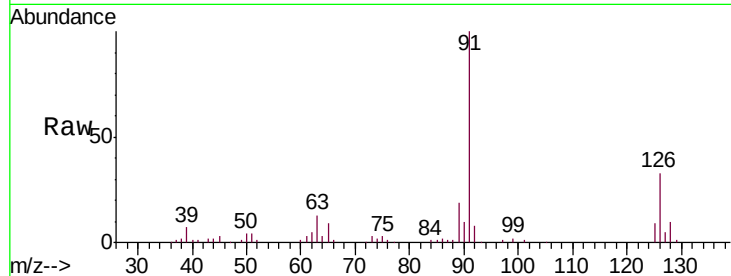




#79
 2-Chlorotoluene
 Concen: 10.150 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

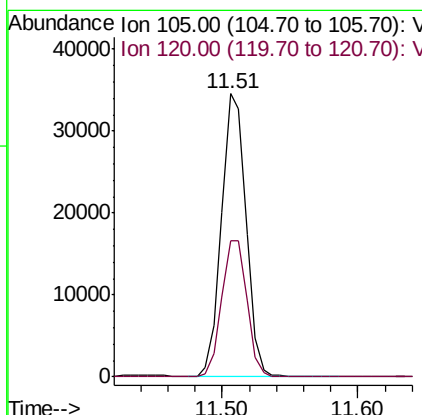
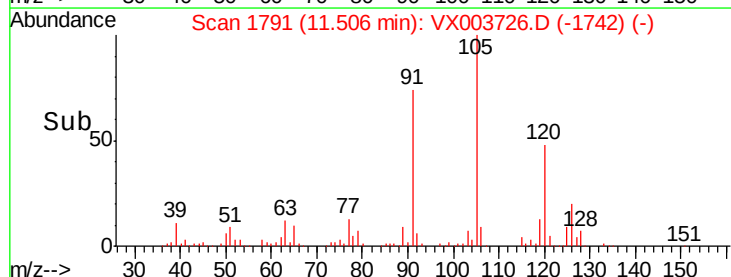
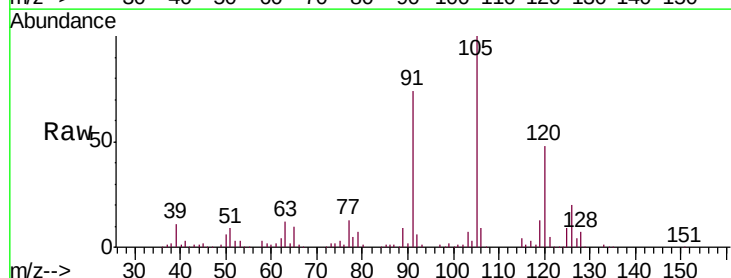
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

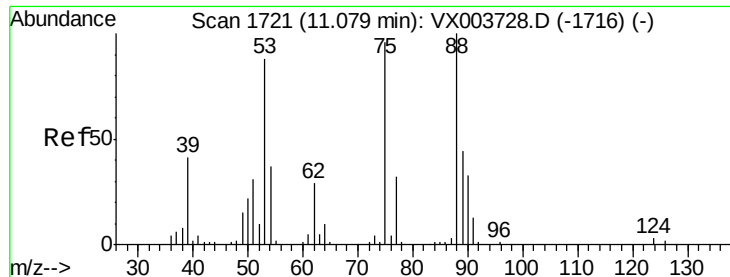
Tgt Ion: 91 Resp: 36210
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 8.564 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion: 105 Resp: 43334
 Ion Ratio Lower Upper
 105 100
 120 49.7 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 9.192 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

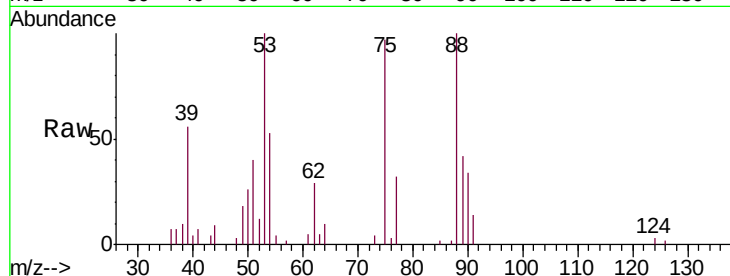
Tgt Ion: 75 Resp: 3544

Ion Ratio Lower Upper

75 100

53 107.9 75.8 113.8

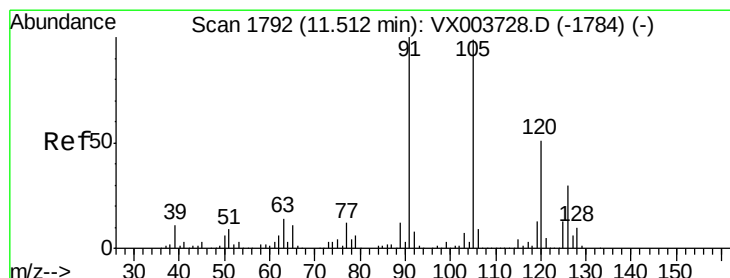
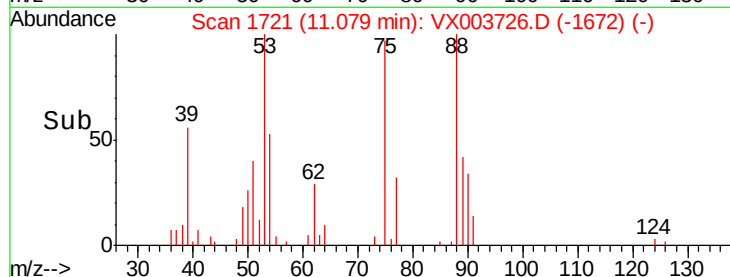
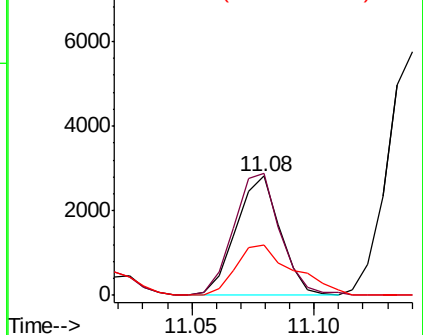
89 55.3 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 10.123 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003726.D

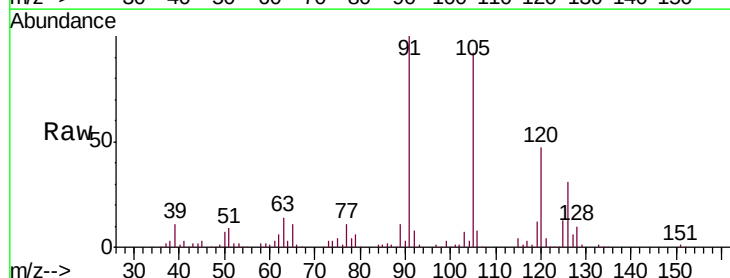
Acq: 30 Jul 2018 16:24

Tgt Ion: 91 Resp: 43806

Ion Ratio Lower Upper

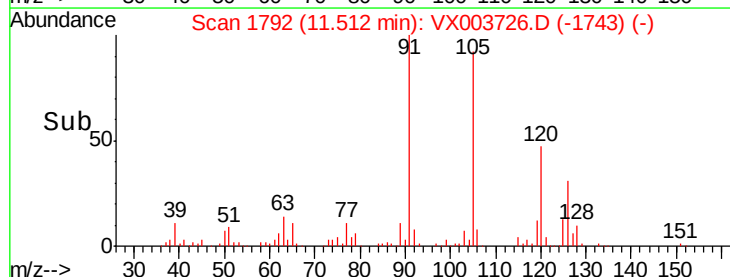
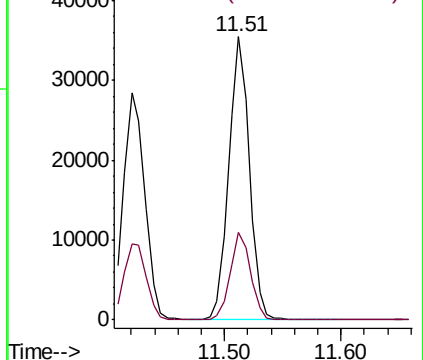
91 100

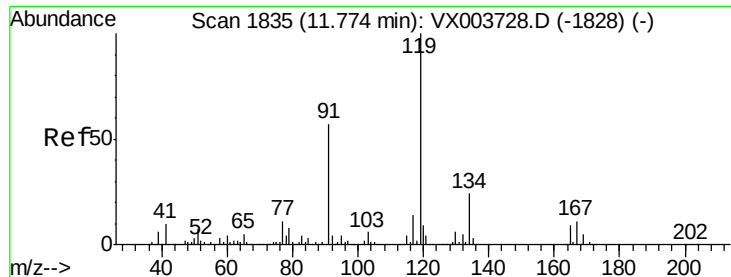
126 30.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

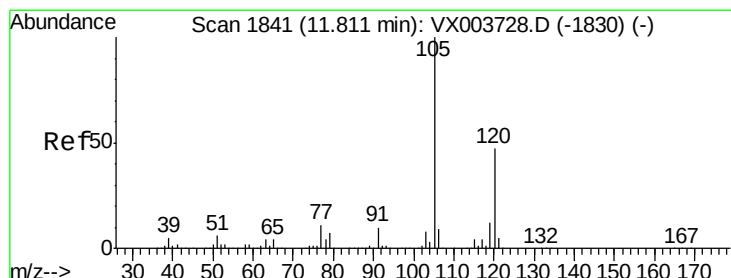
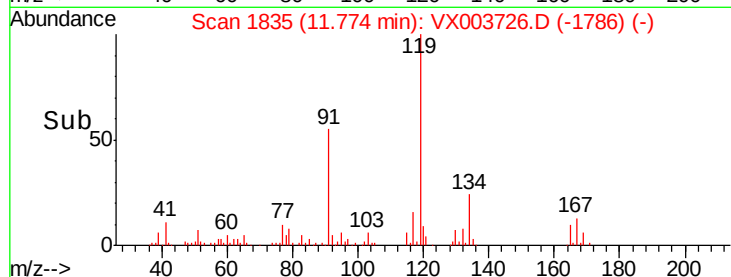
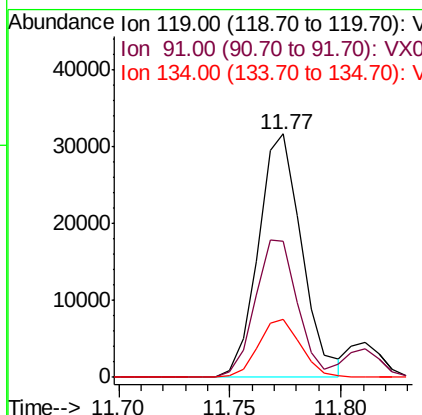
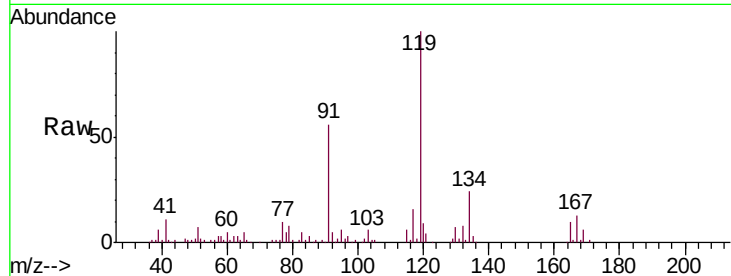




#83
 tert-Butylbenzene
 Concen: 9.819 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

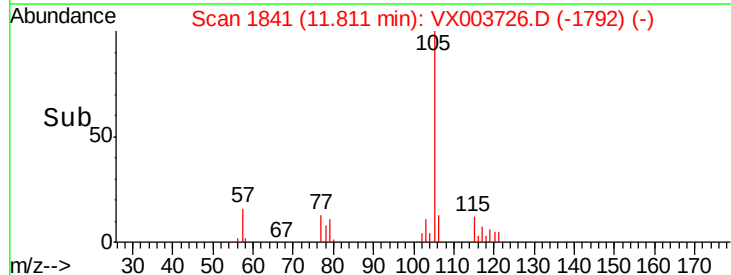
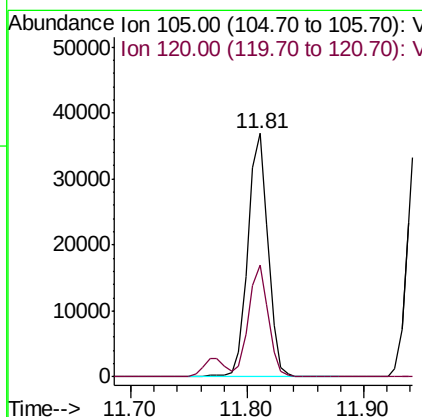
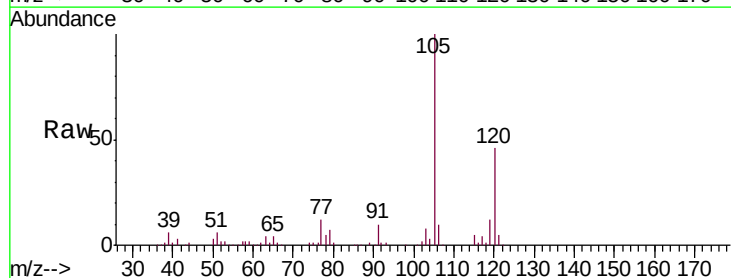
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

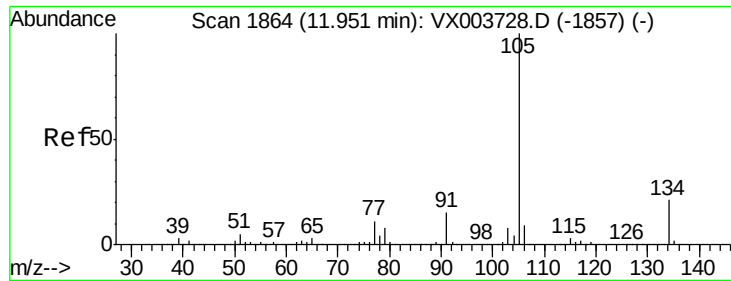
Tgt Ion:119 Resp: 42997
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.2 81.6
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 9.824 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion:105 Resp: 44769
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.1 69.2

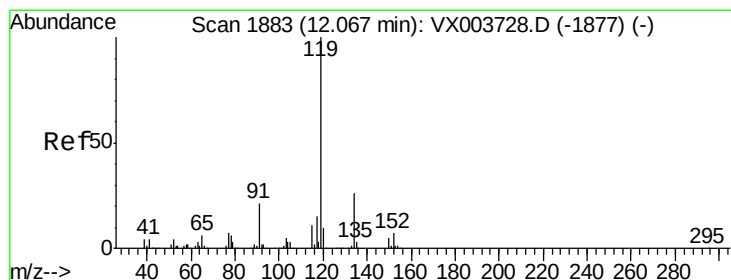
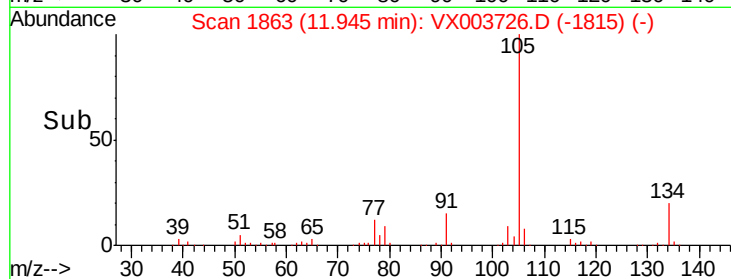
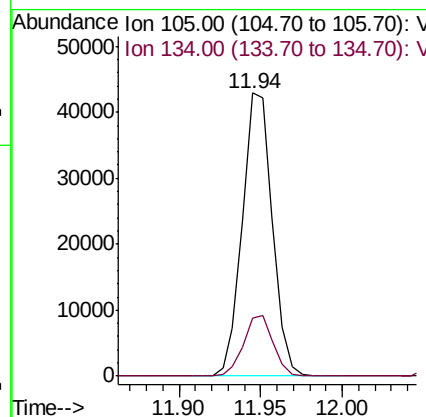
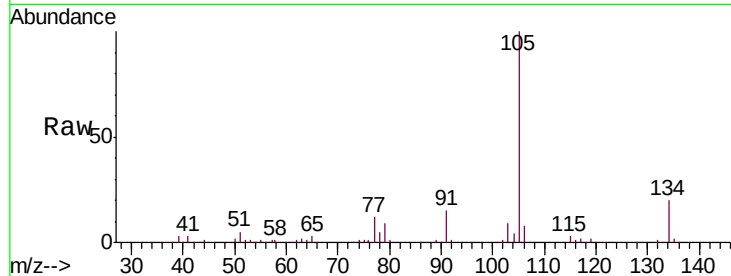




#85
 sec-Butylbenzene
 Concen: 9.845 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

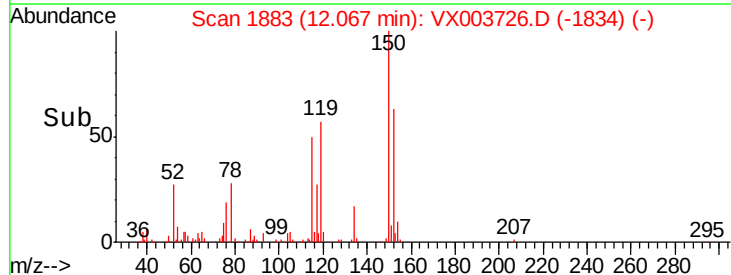
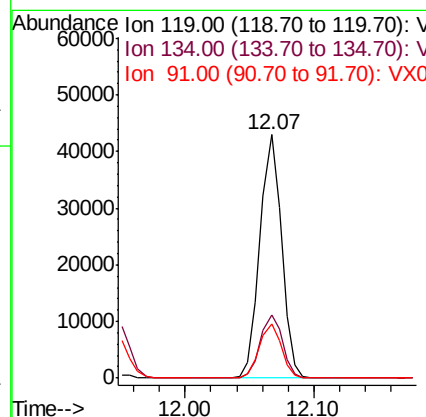
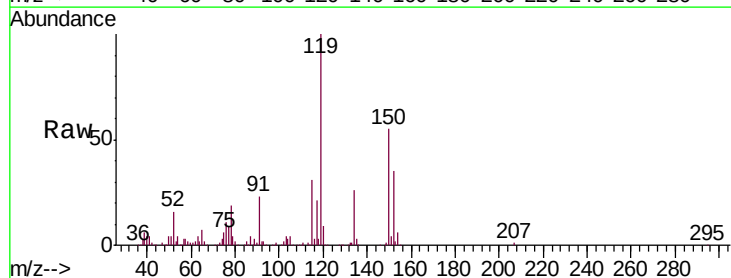
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

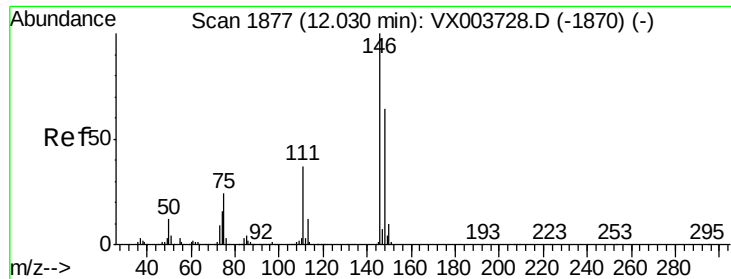
Tgt Ion:105 Resp: 55153
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 11.079 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion:119 Resp: 49765
 Ion Ratio Lower Upper
 119 100
 134 26.4 10.1 30.1
 91 23.2 23.6 70.8#

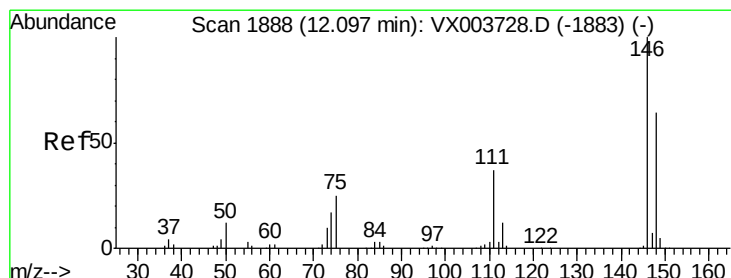
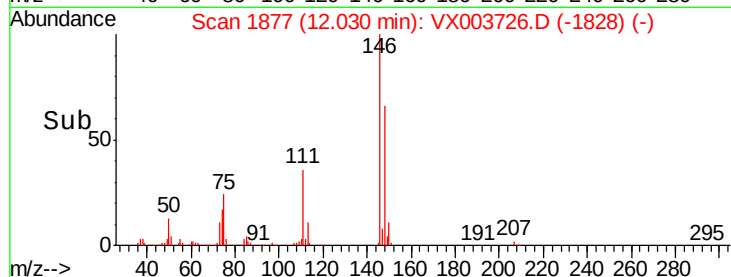
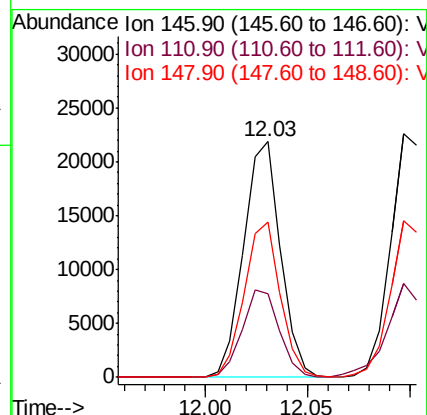
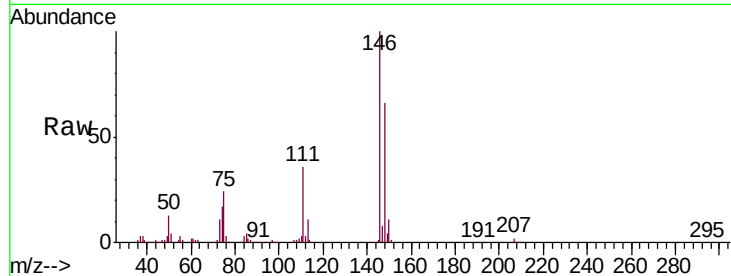




#87
 1,3-Dichlorobenzene
 Concen: 10.059 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

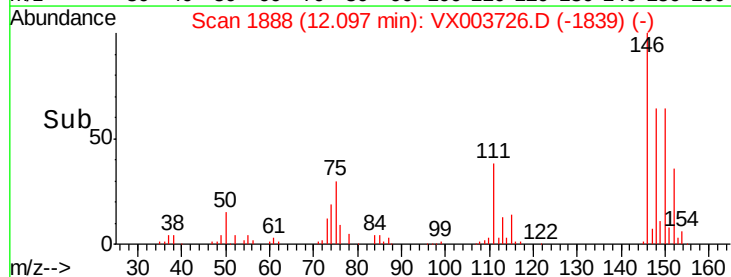
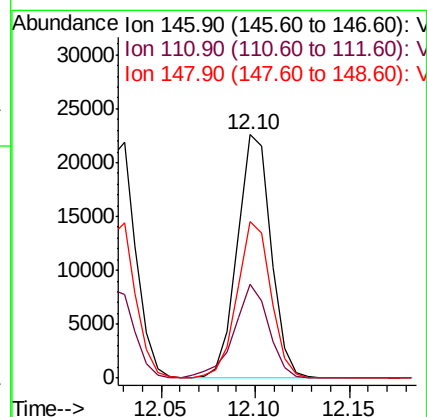
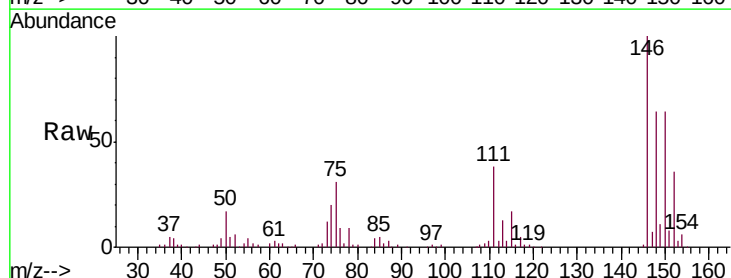
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

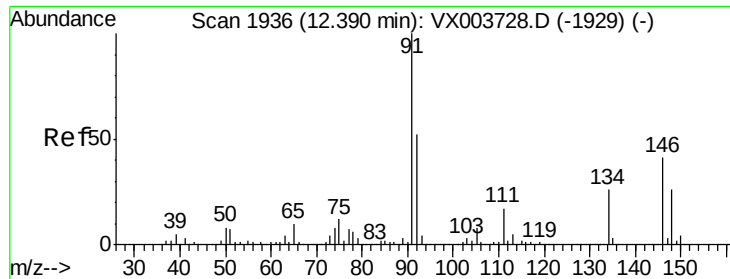
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.0	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 10.067 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.3	54.9
148	64.4	32.0	96.2





#89

n-Butylbenzene

Concen: 9.776 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

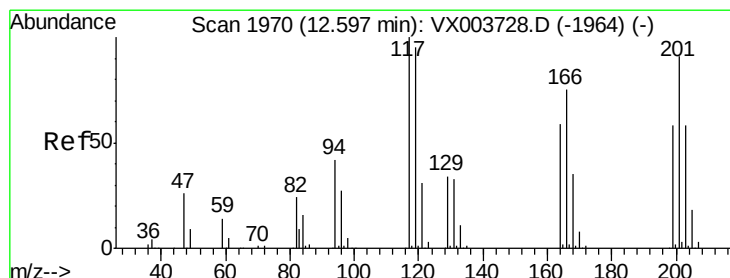
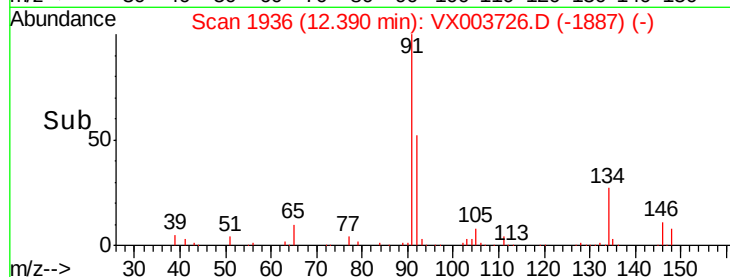
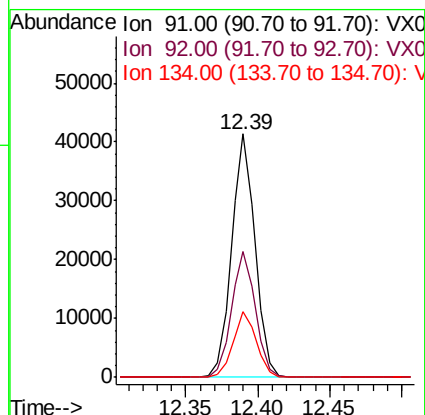
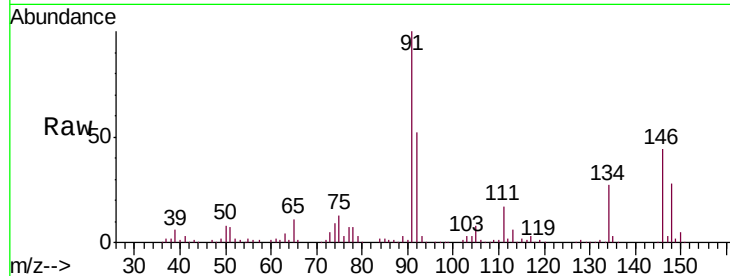
Tgt Ion: 91 Resp: 47376

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

134 26.6 13.6 40.7



#90

Hexachloroethane

Concen: 9.272 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003726.D

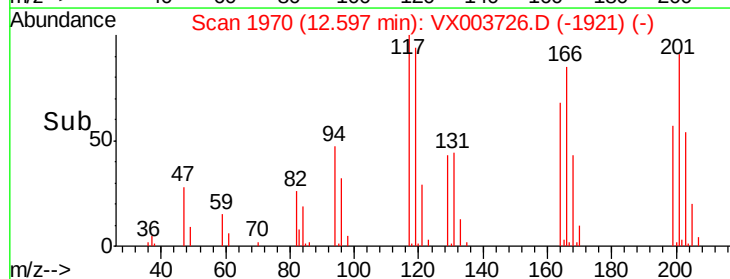
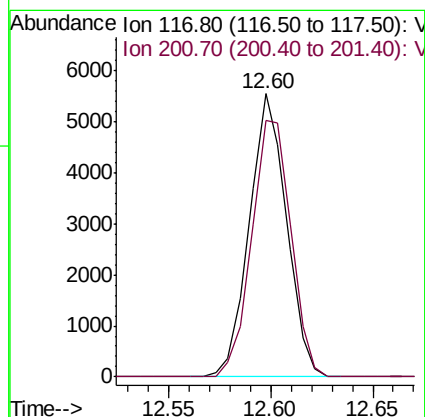
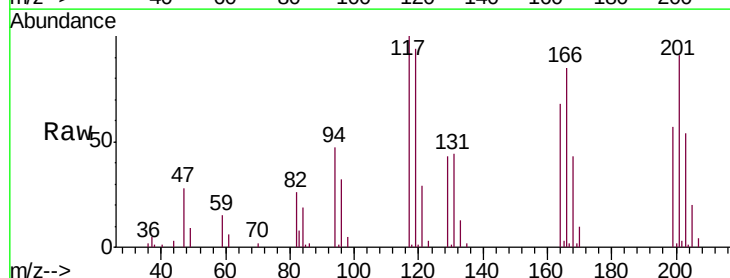
Acq: 30 Jul 2018 16:24

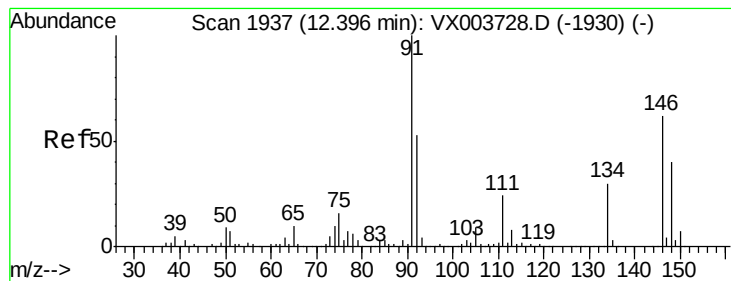
Tgt Ion: 117 Resp: 7010

Ion Ratio Lower Upper

117 100

201 96.0 49.3 147.8





#91

1,2-Dichlorobenzene

Concen: 9.869 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

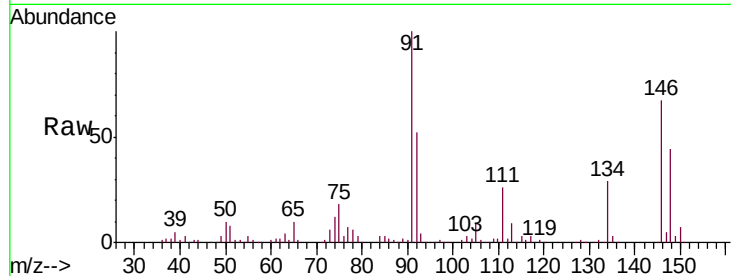
Tgt Ion:146 Resp: 25142

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.4

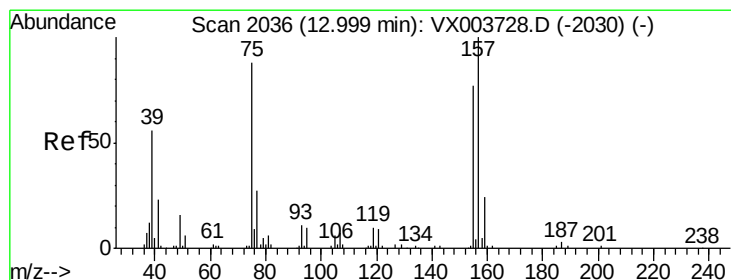
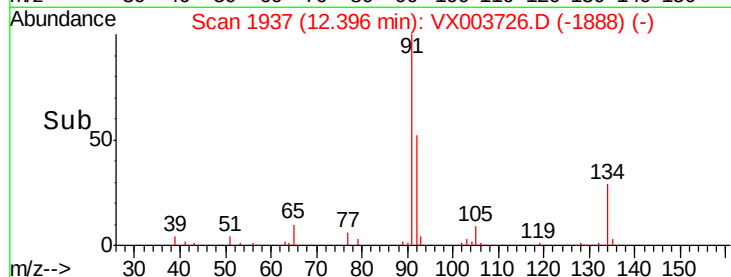
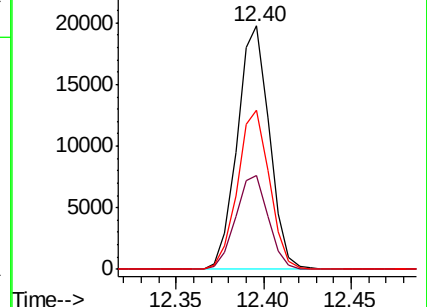
148 64.9 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.971 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003726.D

Acq: 30 Jul 2018 16:24

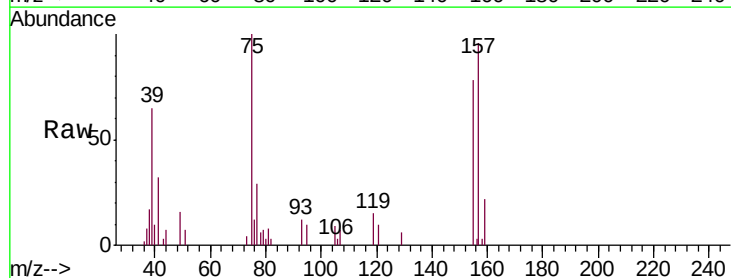
Tgt Ion: 75 Resp: 2668

Ion Ratio Lower Upper

75 100

155 91.0 48.9 146.7

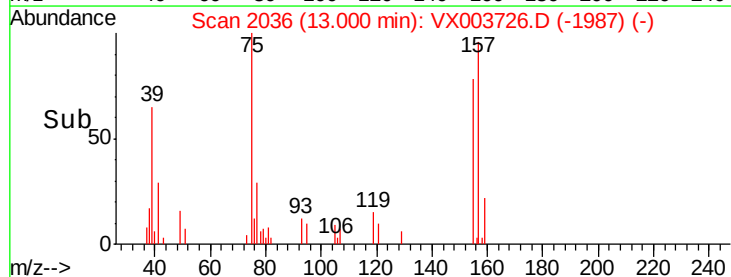
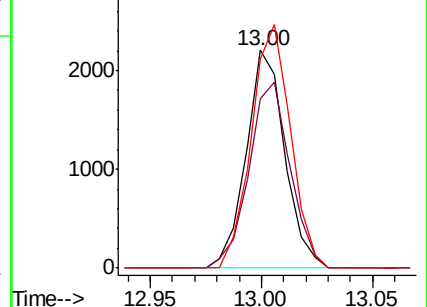
157 113.3 63.7 191.1

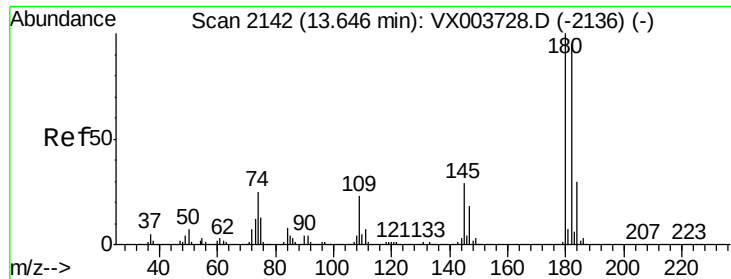


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

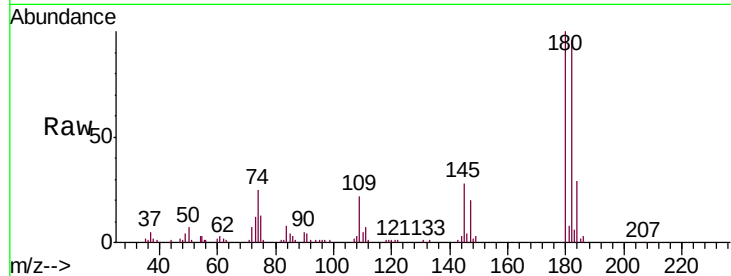




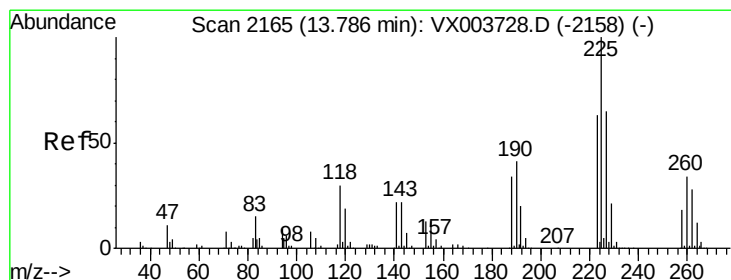
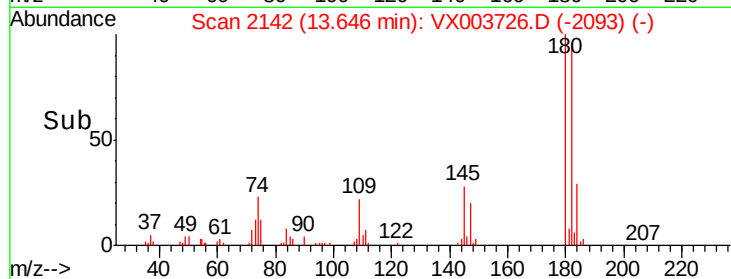
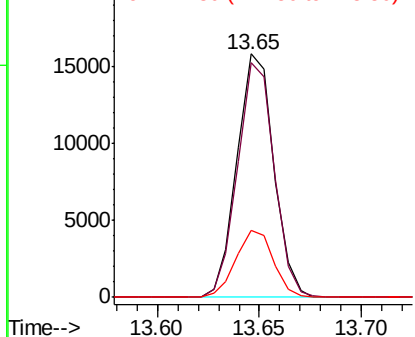
#93
 1,2,4-Trichlorobenzene
 Concen: 9.811 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 19827
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 28.1 14.1 42.2

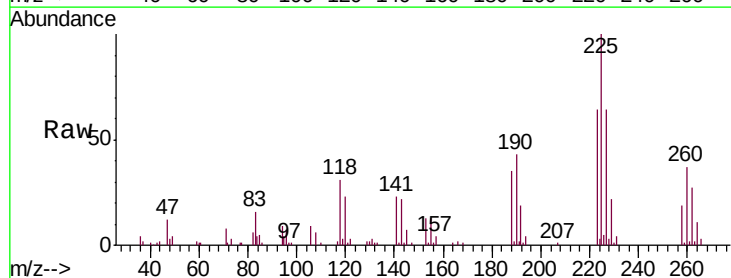


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

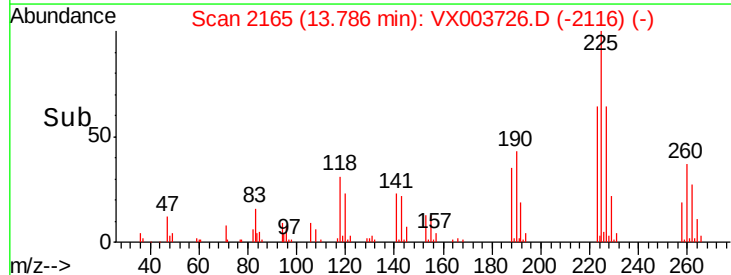
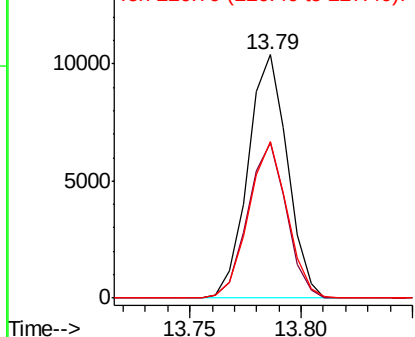


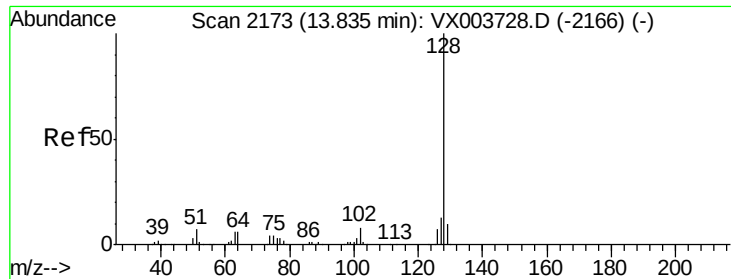
#94
 Hexachlorobutadiene
 Concen: 9.919 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003726.D
 Acq: 30 Jul 2018 16:24

Tgt Ion:225 Resp: 12819
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 62.8 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

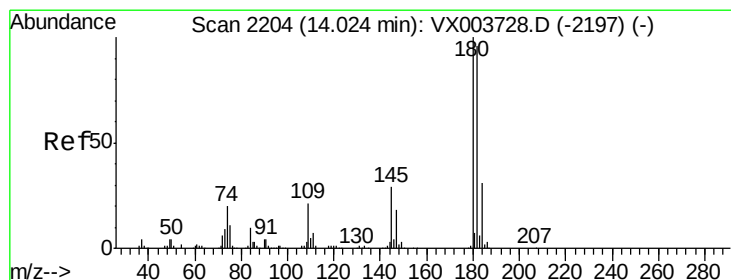
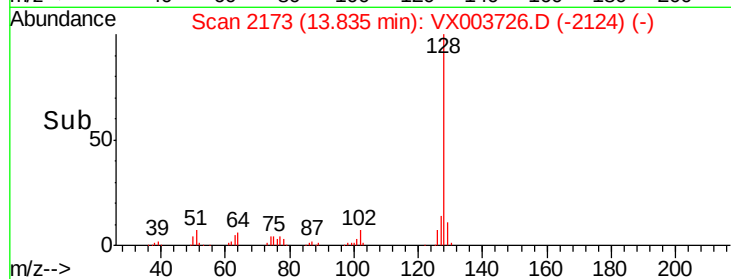
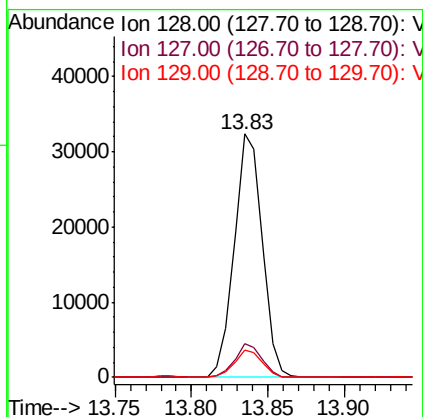
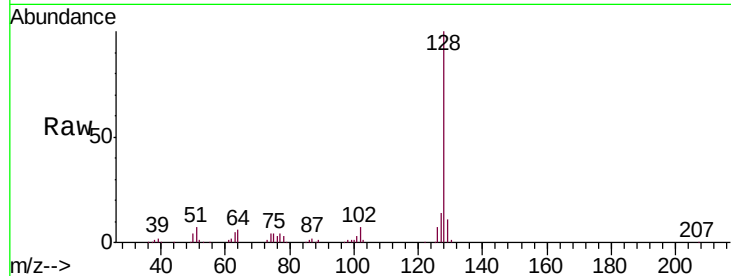




#95
Naphthalene
Concen: 9.492 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 40989
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.864 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003726.D
Acq: 30 Jul 2018 16:24

Tgt Ion:180 Resp: 18094
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 29.5 14.7 44.1

