

Data File : VX002254.D
Acq On : 04 Jun 2018 10:33
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Jun 05 02:06:53 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	21865	6.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.94%	
35) Dibromofluoromethane	5.51	113	15001	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
50) Toluene-d8	8.72	98	55308	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
62) 4-Bromofluorobenzene	11.14	95	20077	4.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.32%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	8648	3.83	ug/l	98
3) Chloromethane	1.33	50	17814	5.99	ug/l	99
4) Vinyl Chloride	1.41	62	15002	5.27	ug/l	100
5) Bromomethane	1.64	94	13539	5.98	ug/l	97
6) Chloroethane	1.71	64	11093	6.02	ug/l	92
7) Trichlorofluoromethane	1.92	101	18905	4.36	ug/l	99
8) Diethyl Ether	2.20	74	11081	6.27	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9193	3.93	ug/l	98
10) Methyl Iodide	2.51	142	16670	5.06	ug/l	97
11) Tert butyl alcohol	3.09	59	22235	31.92	ug/l	98
12) 1,1-Dichloroethene	2.37	96	12106	5.23	ug/l	98
13) Acrolein	2.30	56	11080	33.02	ug/l	100
14) Allyl chloride	2.73	41	28932	5.76	ug/l	100
15) Acrylonitrile	3.16	53	46787	31.55	ug/l	99
16) Acetone	2.46	43	48397	31.13	ug/l	98
17) Carbon Disulfide	2.57	76	30339	4.97	ug/l	100
18) Methyl Acetate	2.79	43	24099	6.57	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	58951	6.43	ug/l	99
20) Methylene Chloride	2.86	84	19523	6.32	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	14355	5.62	ug/l	97
22) Diisopropyl ether	3.88	45	55761	5.95	ug/l	94
23) Vinyl Acetate	3.83	43	248094	30.47	ug/l	98
24) 1,1-Dichloroethane	3.70	63	29973	6.04	ug/l	99
25) 2-Butanone	4.71	43	66785	31.33	ug/l	99
26) 2,2-Dichloropropane	4.59	77	21119	5.44	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	16641	6.00	ug/l	54
28) Bromochloromethane	5.03	49	14136	5.88	ug/l	99
29) Tetrahydrofuran	5.17	42	42910	31.22	ug/l	100
30) Chloroform	5.22	83	28208	5.89	ug/l	98
31) Cyclohexane	5.59	56	15851	4.04	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	20833	5.13	ug/l	99
36) 1,1-Dichloropropene	5.80	75	16931	4.34	ug/l	96
37) Ethyl Acetate	4.87	43	26163	5.58	ug/l	96
38) Carbon Tetrachloride	5.79	117	16348	4.01	ug/l	89

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Jun 05 02:06:53 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	13934	3.13	ug/l	89
40) Benzene	6.15	78	61969	5.18	ug/l	99
41) Methacrylonitrile	5.07	41	14706	5.48	ug/l	97
42) 1,2-Dichloroethane	6.21	62	25764	5.42	ug/l	99
43) Isopropyl Acetate	6.48	43	42404	5.32	ug/l	99
44) Trichloroethene	7.21	130	16027	4.83	ug/l	99
45) 1,2-Dichloropropane	7.52	63	17232	5.34	ug/l	93
46) Dibromomethane	7.67	93	11690	5.34	ug/l	98
47) Bromodichloromethane	7.90	83	19159	4.84	ug/l	93
48) Methyl methacrylate	7.78	41	20779	5.19	ug/l	99
49) 1,4-Dioxane	7.76	88	8165	109.12	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	135784	27.37	ug/l	99
52) Toluene	8.79	92	37987	4.99	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	22693	4.78	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	21532	4.81	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	16826	5.38	ug/l	95
56) Ethyl methacrylate	9.19	69	25952	5.20	ug/l	98
57) 1,3-Dichloropropane	9.38	76	28080	5.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	60257	26.07	ug/l	99
59) 2-Hexanone	9.50	43	103130	26.91	ug/l	99
60) Dibromochloromethane	9.59	129	14550	4.62	ug/l	100
61) 1,2-Dibromoethane	9.68	107	17104	5.24	ug/l	98
64) Tetrachloroethene	9.34	164	16819	4.60	ug/l	94
65) Chlorobenzene	10.14	112	43963	4.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	15397	4.82	ug/l	98
67) Ethyl Benzene	10.26	91	70898	4.81	ug/l	99
68) m/p-Xylenes	10.37	106	54306	9.47	ug/l	98
69) o-Xylene	10.70	106	28000	4.91	ug/l	97
70) Styrene	10.72	104	45121	4.84	ug/l	100
71) Bromoform	10.86	173	10557	4.17	ug/l #	97
73) Isopropylbenzene	11.02	105	68338	4.98	ug/l	99
74) N-amyl acetate	6.48	43	42404	5.73	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	24814	5.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	28299	7.15	ug/l	82
77) Bromobenzene	11.26	156	20817	5.40	ug/l	98
78) n-propylbenzene	11.37	91	71432	4.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	50530	5.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	59178	5.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	5951	4.82	ug/l	86
82) 4-Chlorotoluene	11.51	91	56363	5.07	ug/l	99
83) tert-Butylbenzene	11.77	119	56233	4.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	61141	5.04	ug/l	99
85) sec-Butylbenzene	11.95	105	59315	4.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	55229	4.51	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	34850	5.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	35419	4.98	ug/l	93
89) n-Butylbenzene	12.39	91	40007	3.89	ug/l	100
90) Hexachloroethane	12.60	117	8475	4.33	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	38027	5.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5029	5.32	ug/l	97

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Quantitation Report (Not Reviewed)

Data File : VX002254.D
Acq On : 04 Jun 2018 10:33
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 05 02:06:53 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	23561	4.71	ug/l	99
94) Hexachlorobutadiene	13.79	225	9376	3.79	ug/l	99
95) Naphthalene	13.84	128	73909	5.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	24712	4.84	ug/l	99

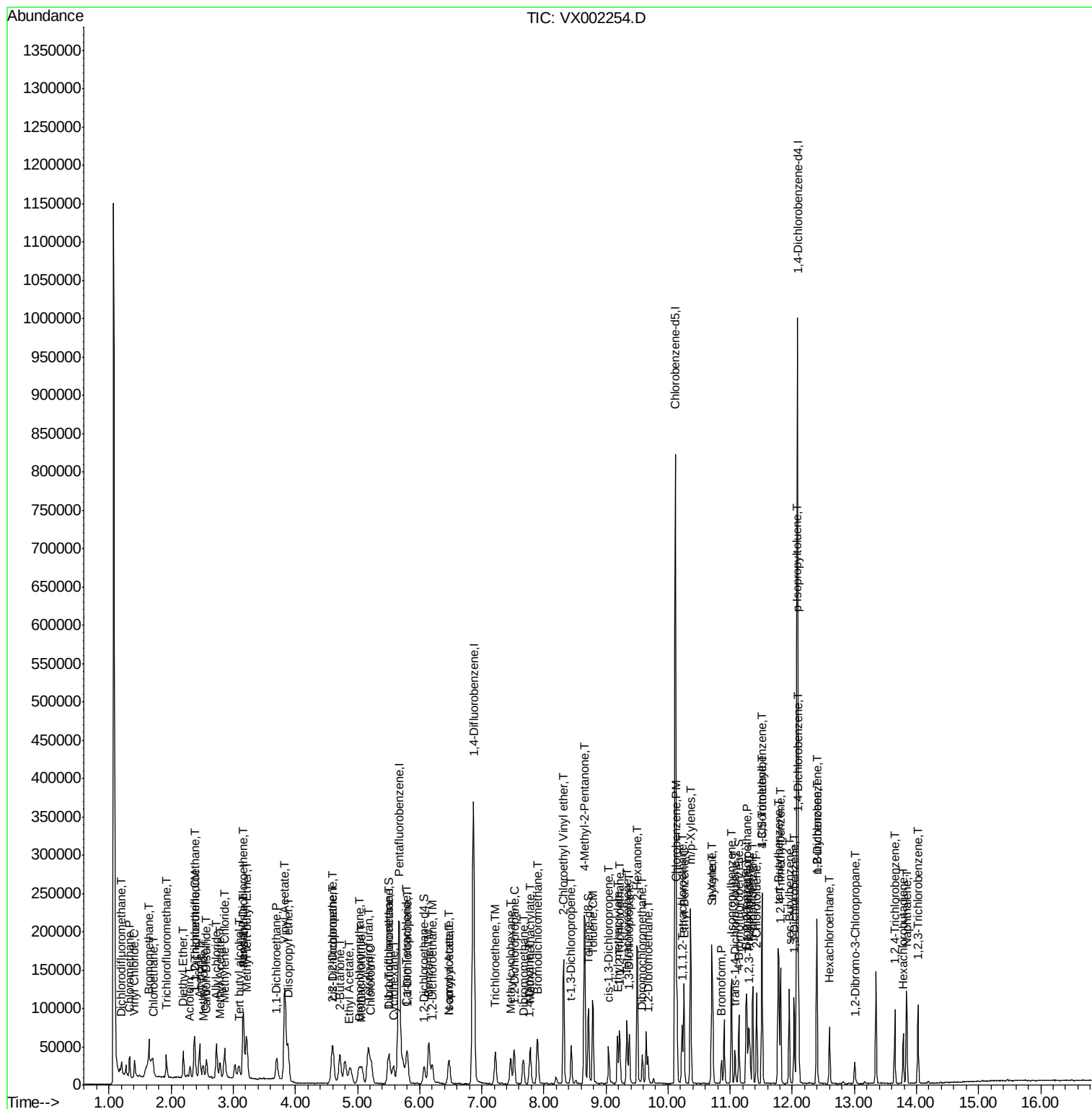
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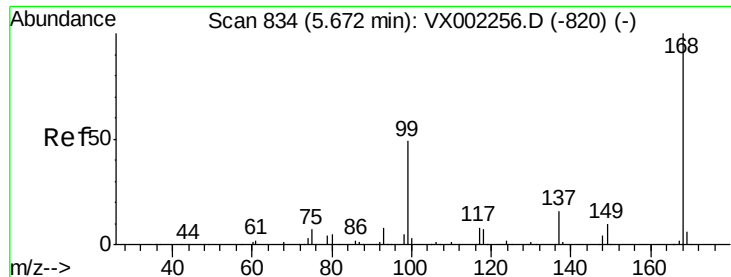
Data File : VX002254.D

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Acq On       : 04 Jun 2018   10:33
Operator    : JC/MD
Sample      : VSTDIC005
Misc       : 5.0mL/MSV0A_X/WATER
ALS Vial    : 3      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 05 02:06:53 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

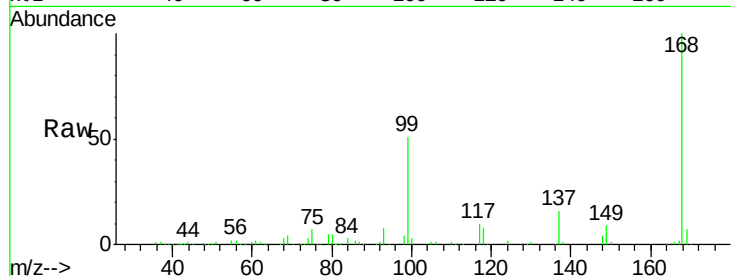
VSTDIC005

Tgt Ion:168 Resp: 217404

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

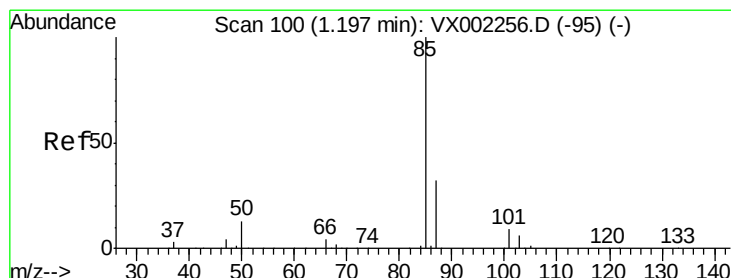
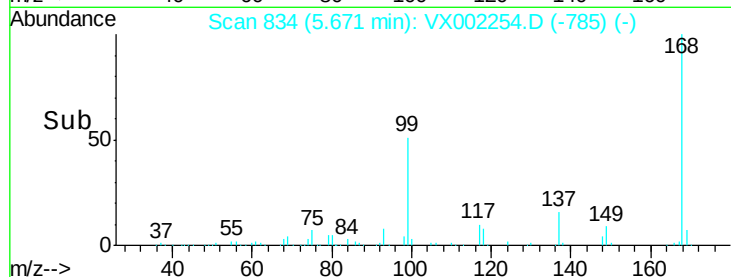
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 3.83 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002254.D

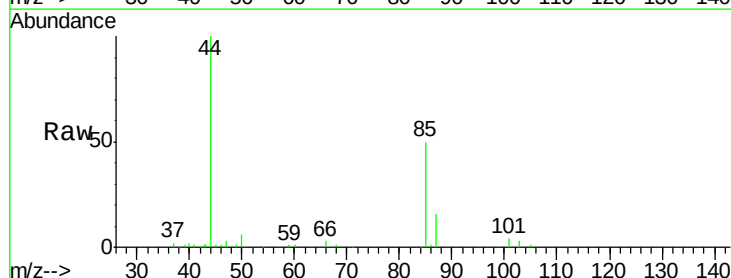
Acq: 04 Jun 2018 10:33

Tgt Ion: 85 Resp: 8648

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

8000

6000

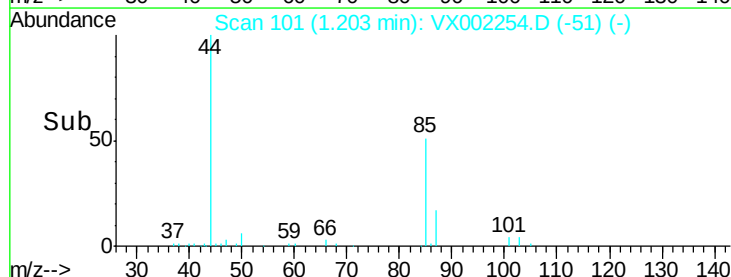
4000

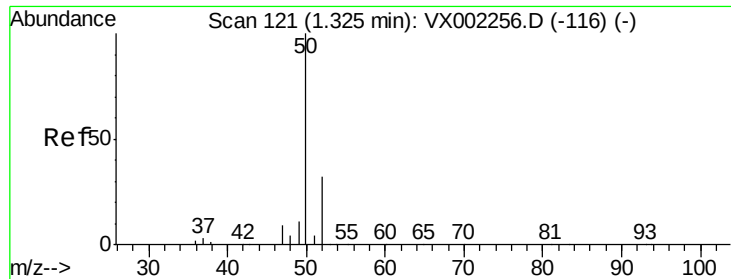
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.99 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

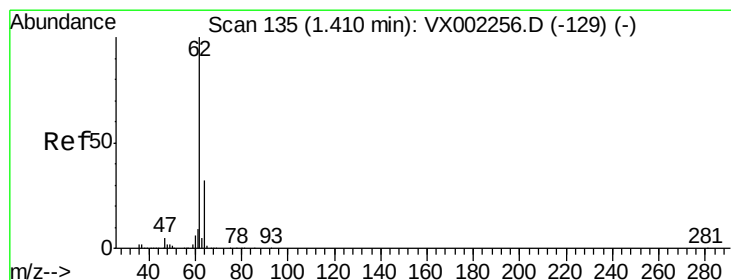
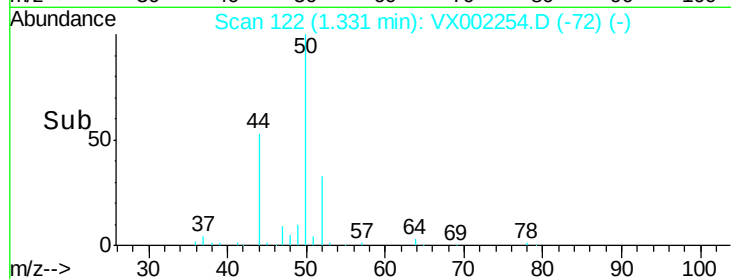
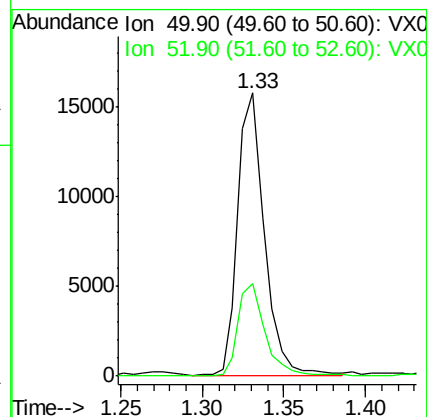
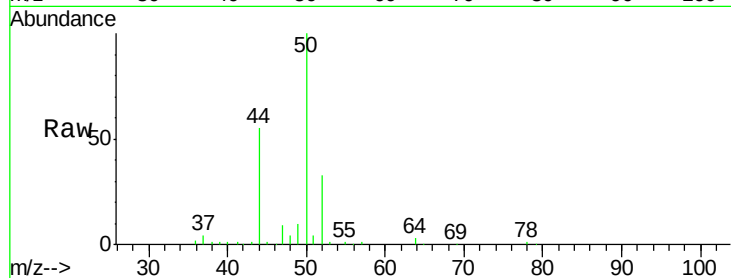
VSTDIC005

Tgt Ion: 50 Resp: 17814

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 5.27 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002254.D

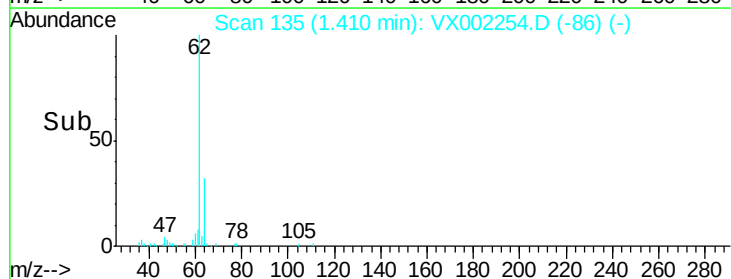
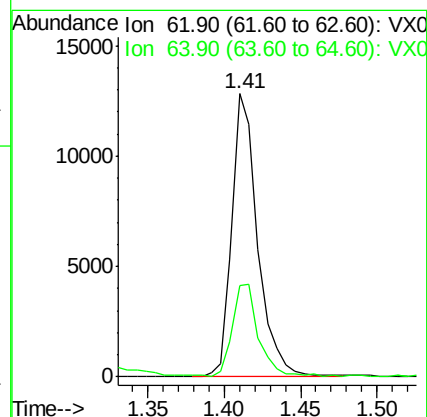
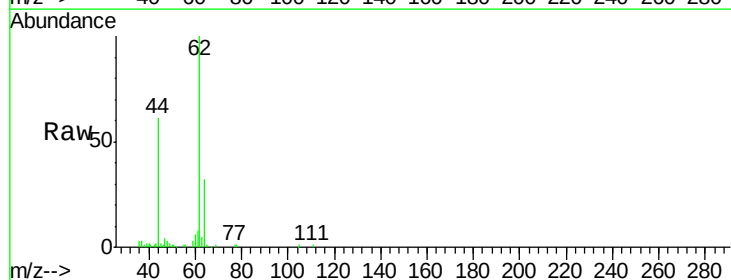
Acq: 04 Jun 2018 10:33

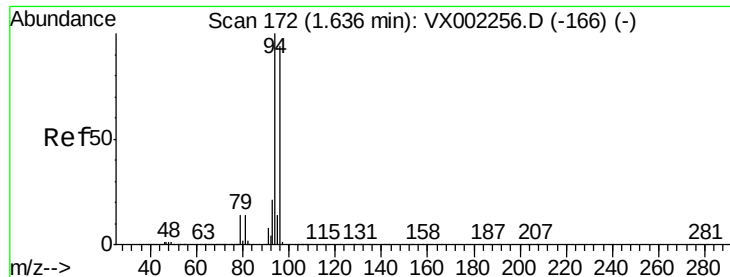
Tgt Ion: 62 Resp: 15002

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 5.98 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

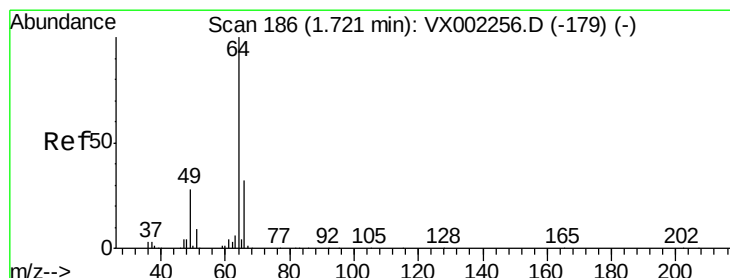
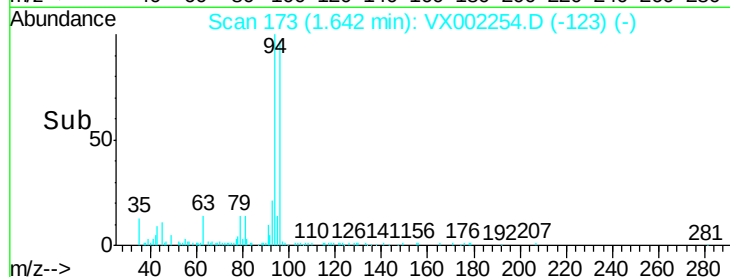
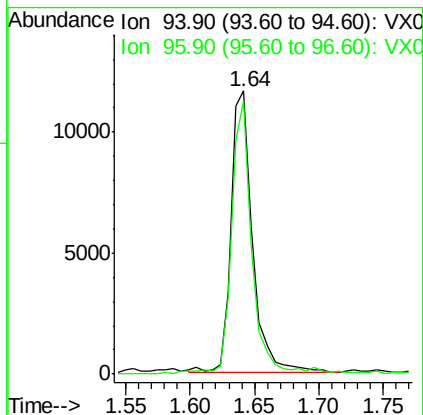
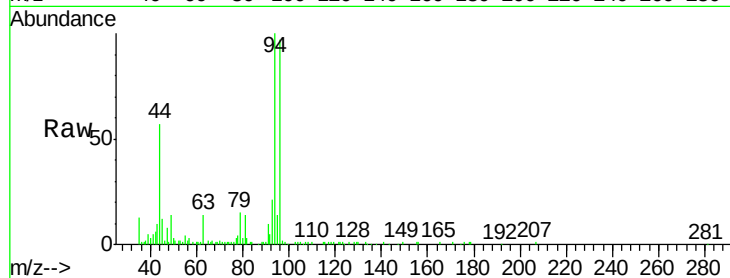
VSTDIC005

Tgt Ion: 94 Resp: 13539

Ion Ratio Lower Upper

94 100

96 96.5 74.9 112.3



#6

Chloroethane

Concen: 6.02 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002254.D

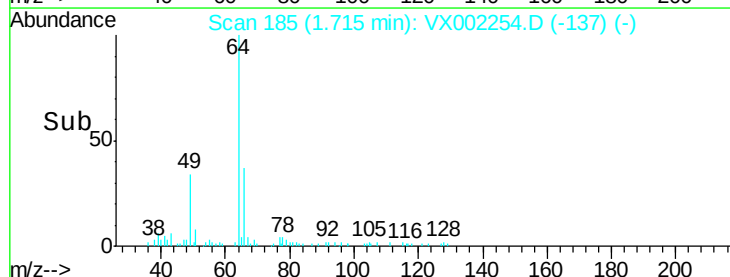
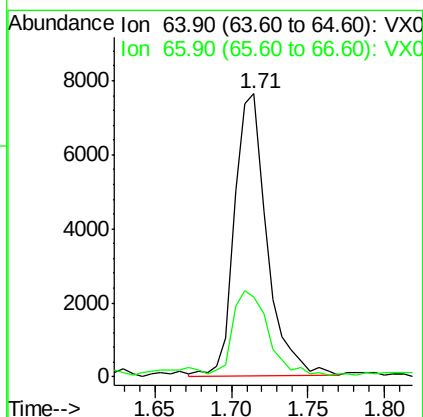
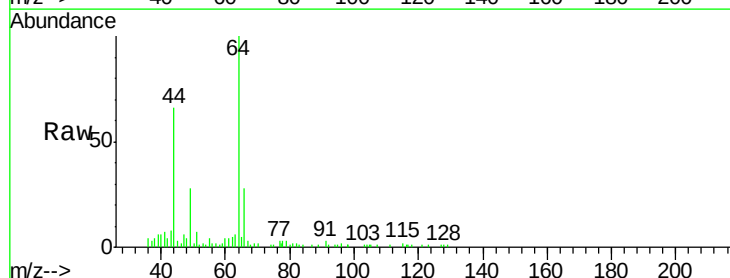
Acq: 04 Jun 2018 10:33

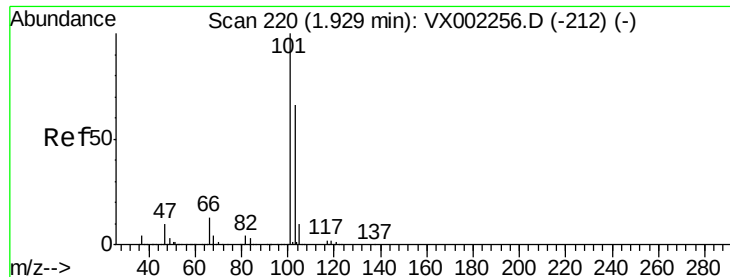
Tgt Ion: 64 Resp: 11093

Ion Ratio Lower Upper

64 100

66 27.7 25.5 38.3





#7

Trichlorofluoromethane

Concen: 4.36 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

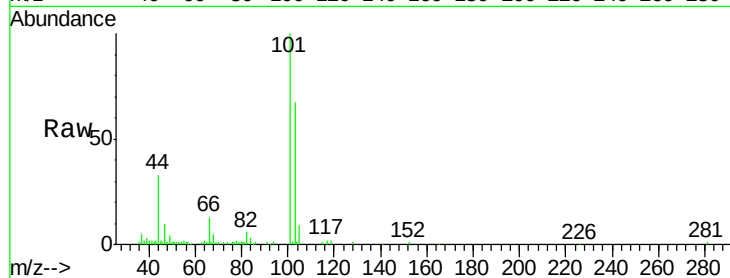
VSTDIC005

Tgt Ion:101 Resp: 18905

Ion Ratio Lower Upper

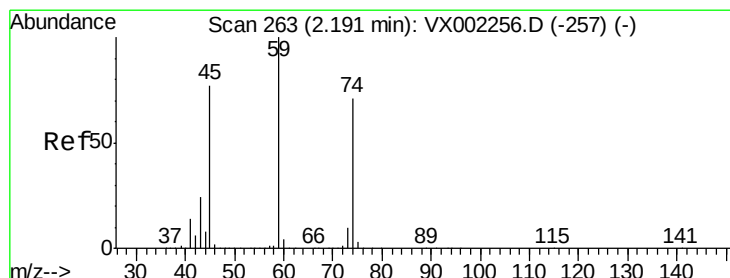
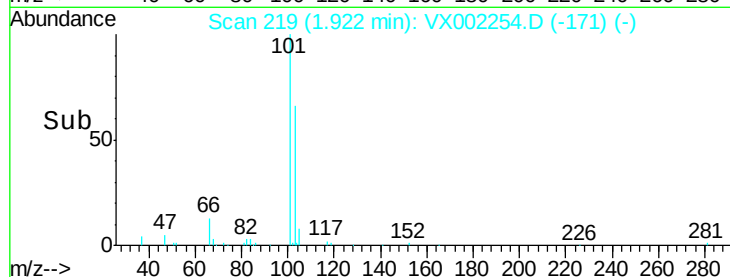
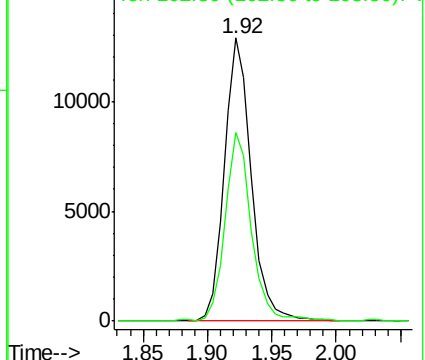
101 100

103 66.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 6.27 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX002254.D

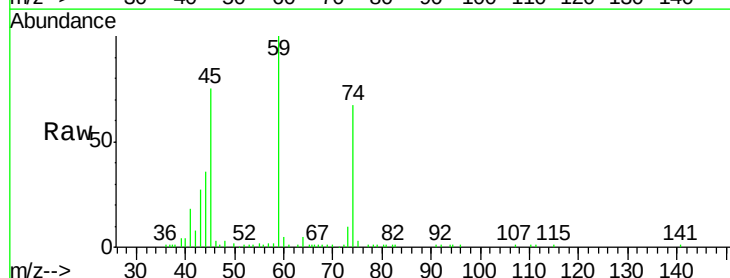
Acq: 04 Jun 2018 10:33

Tgt Ion: 74 Resp: 11081

Ion Ratio Lower Upper

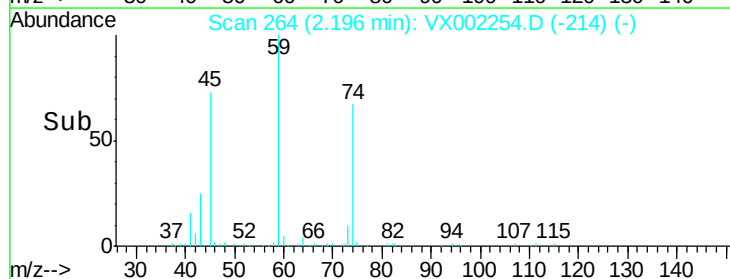
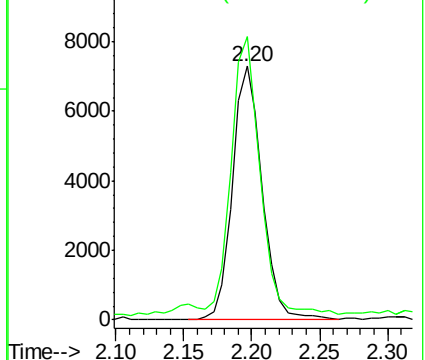
74 100

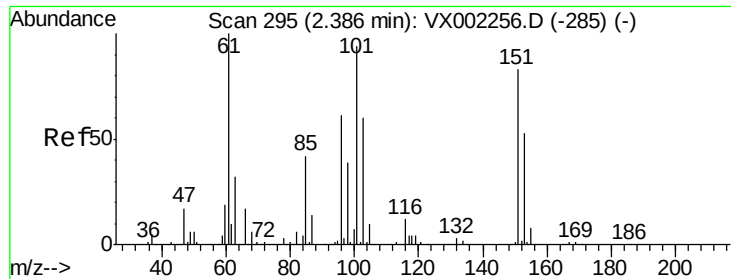
45 106.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.93 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

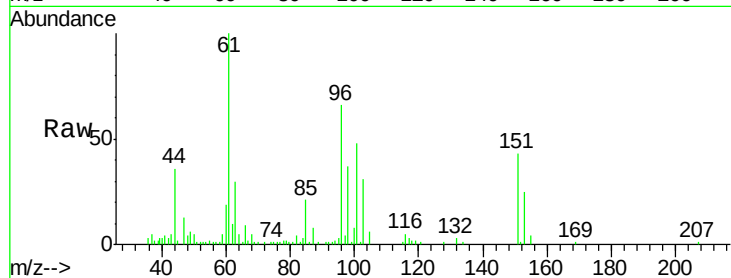
Tgt Ion:101 Resp: 9193

Ion Ratio Lower Upper

101 100

85 47.3 36.0 54.0

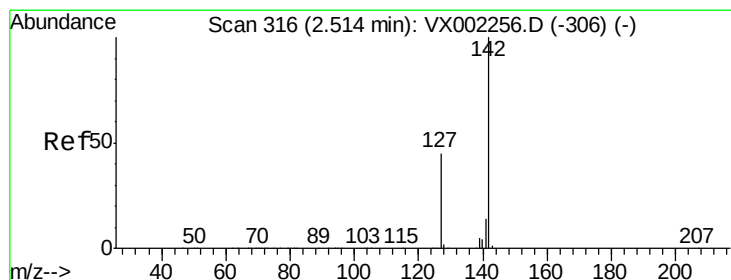
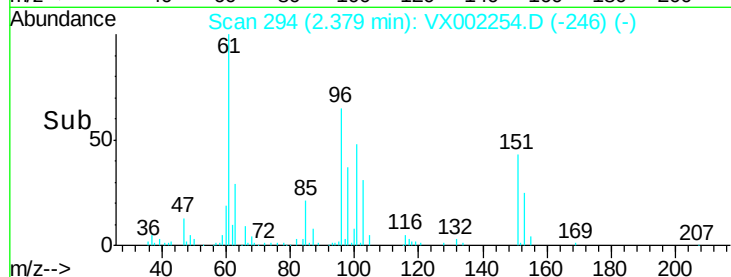
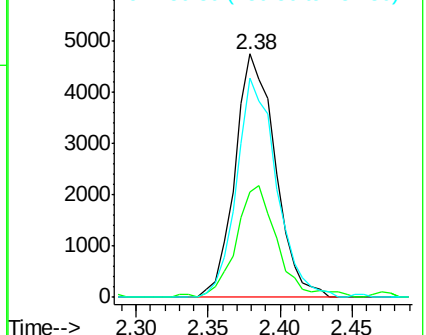
151 89.2 70.9 106.3



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: 5.06 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

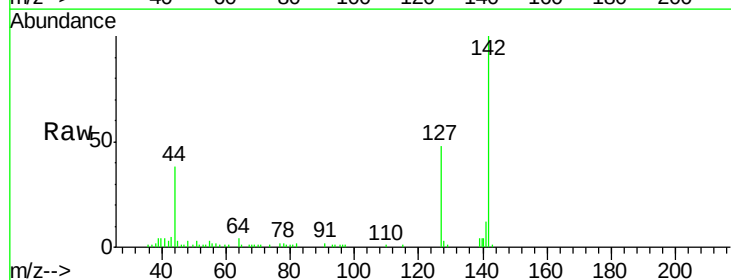
Tgt Ion:142 Resp: 16670

Ion Ratio Lower Upper

142 100

127 47.3 36.6 55.0

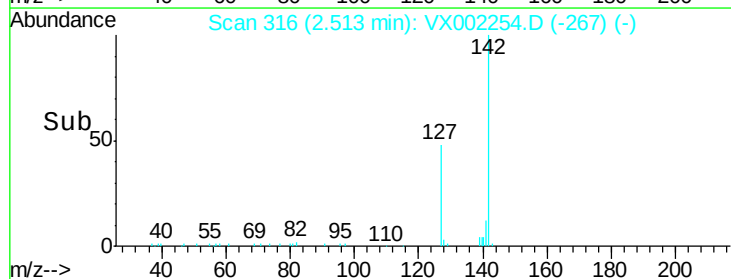
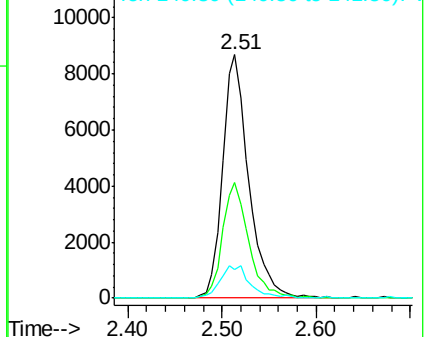
141 15.4 11.3 16.9

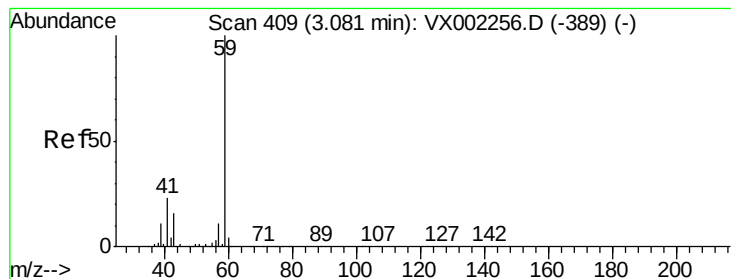


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 31.92 ug/l

RT: 3.09 min Scan# 411

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

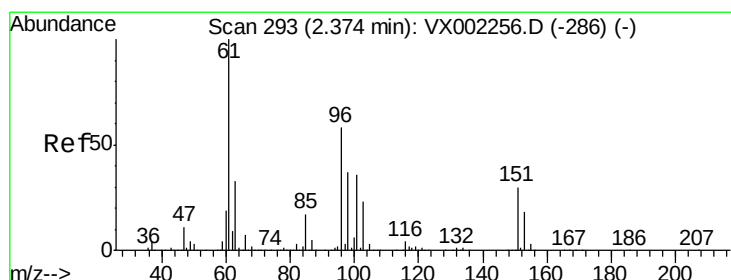
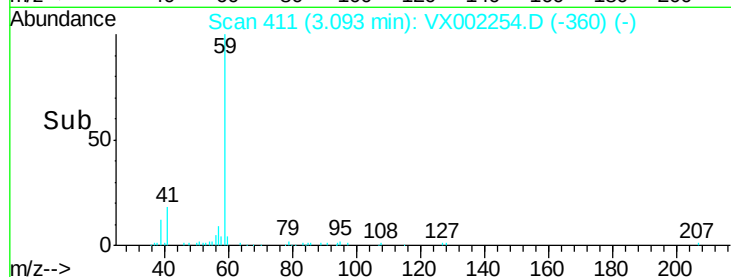
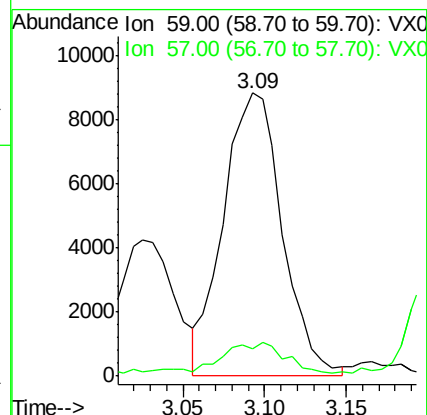
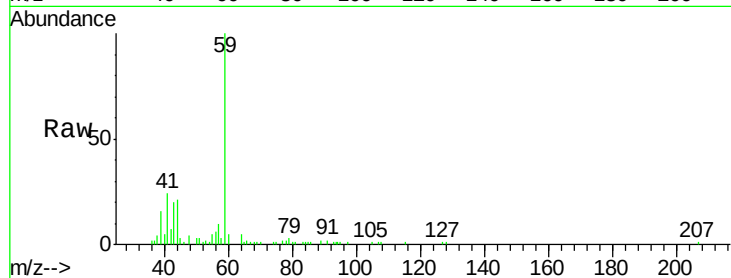
VSTDIC005

Tgt Ion: 59 Resp: 22235

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 5.23 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

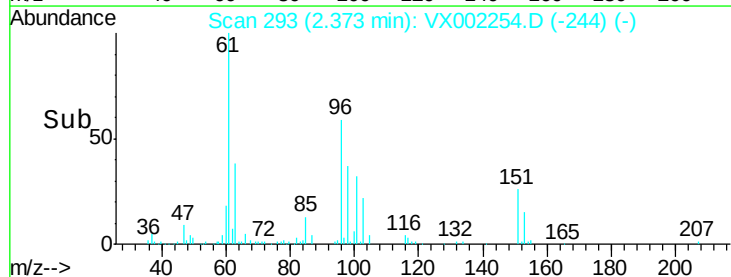
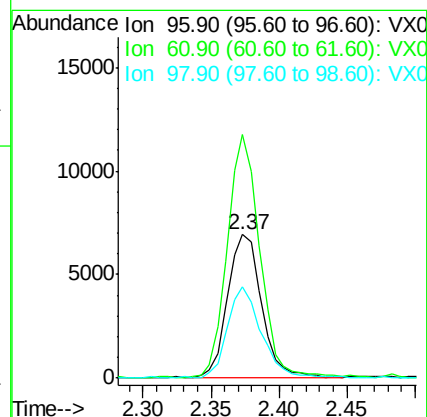
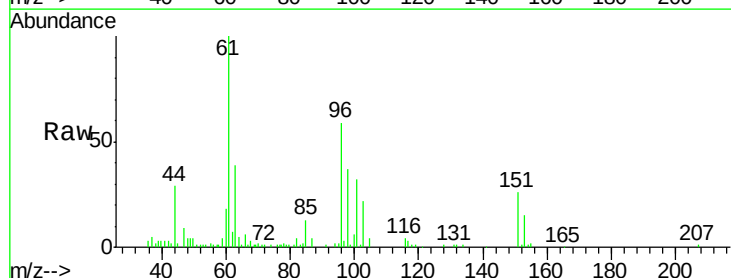
Tgt Ion: 96 Resp: 12106

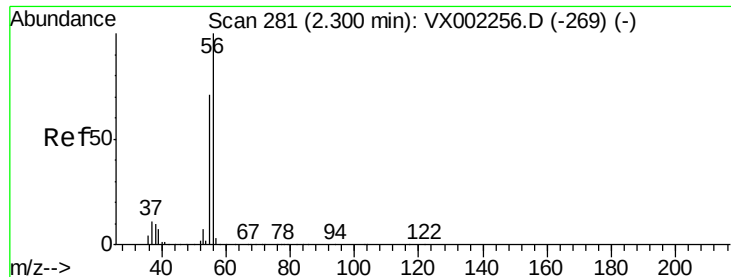
Ion Ratio Lower Upper

96 100

61 168.7 137.9 206.9

98 63.5 51.6 77.4





#13

Acrolein

Concen: 33.02 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

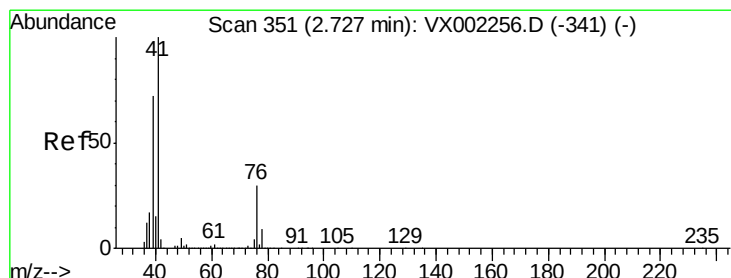
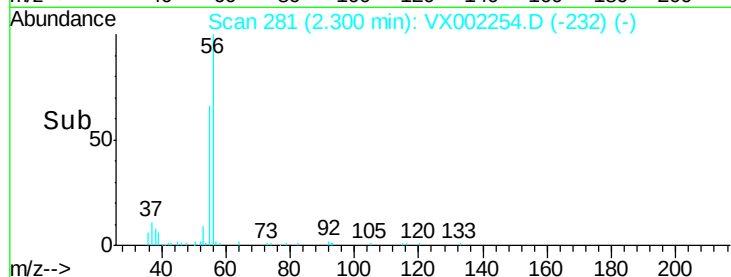
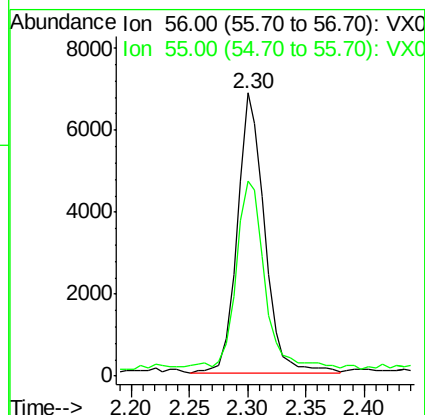
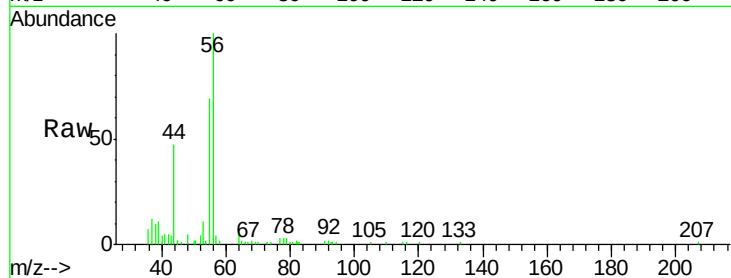
VSTDIC005

Tgt Ion: 56 Resp: 11080

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 5.76 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

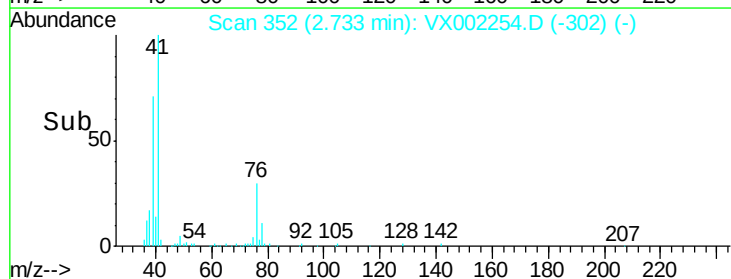
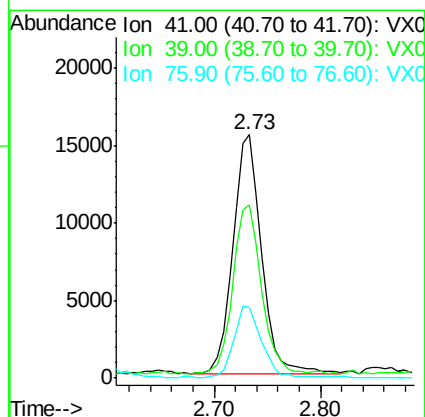
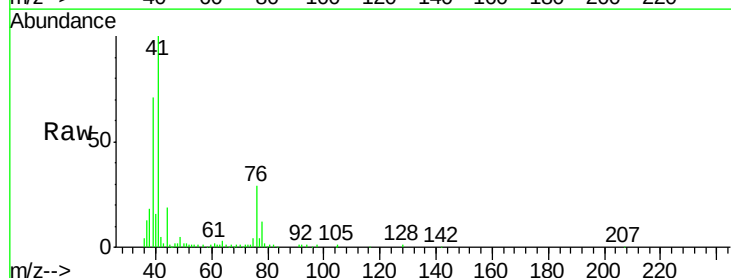
Tgt Ion: 41 Resp: 28932

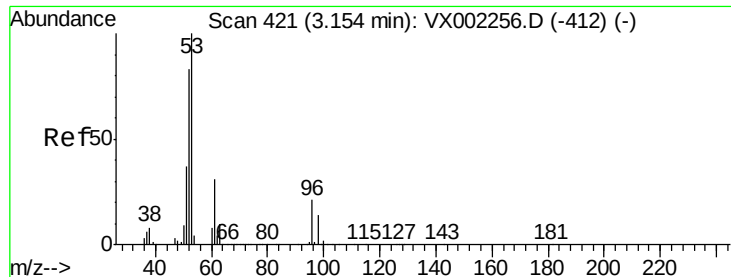
Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 31.55 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

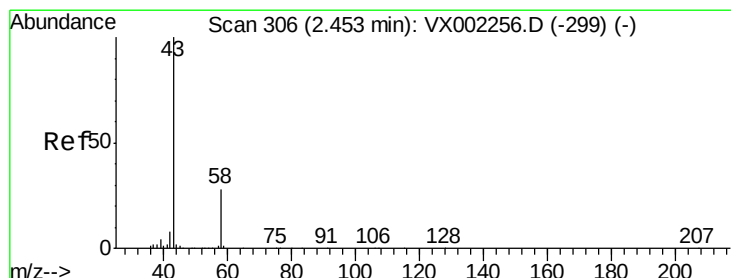
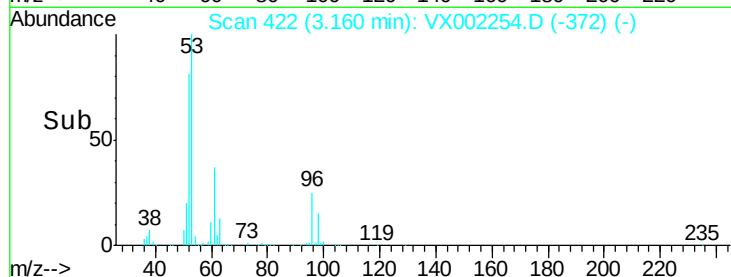
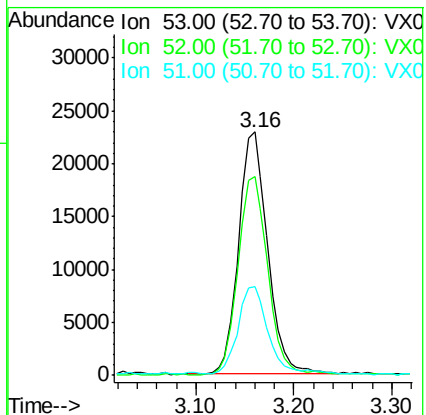
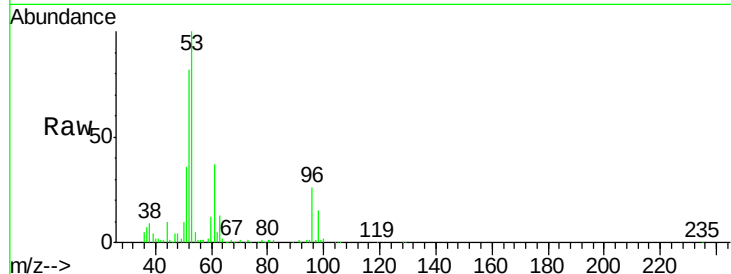
Tgt Ion: 53 Resp: 46787

Ion Ratio Lower Upper

53 100

52 84.9 66.7 100.1

51 37.9 29.9 44.9



#16

Acetone

Concen: 31.13 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX002254.D

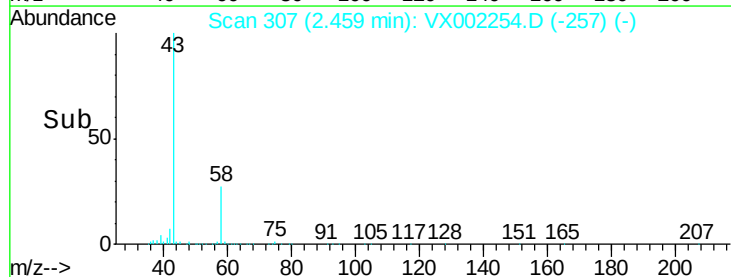
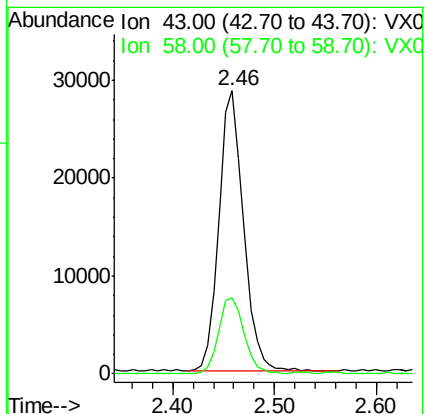
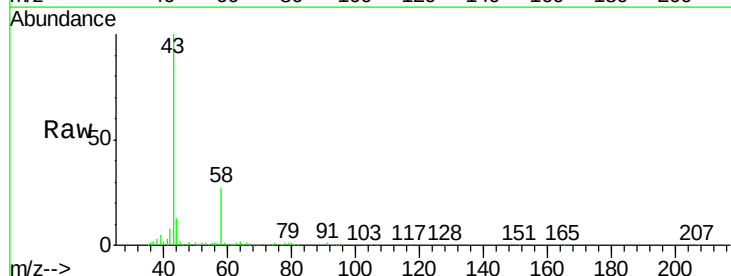
Acq: 04 Jun 2018 10:33

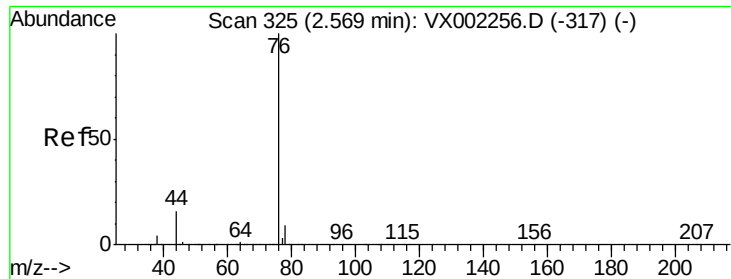
Tgt Ion: 43 Resp: 48397

Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1

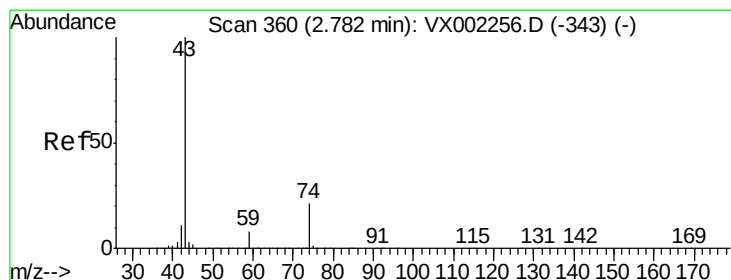
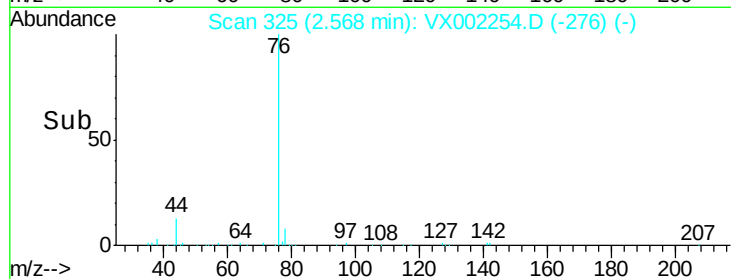
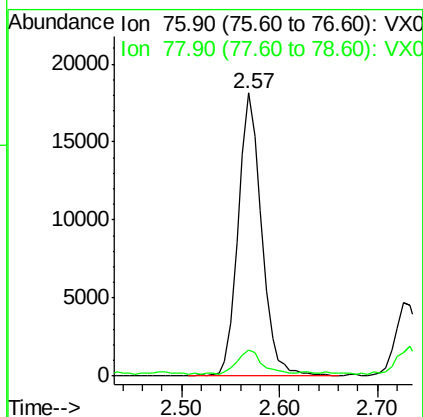
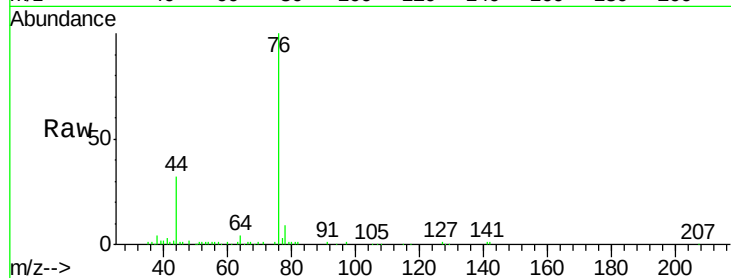




#17
Carbon Disulfide
Concen: 4.97 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

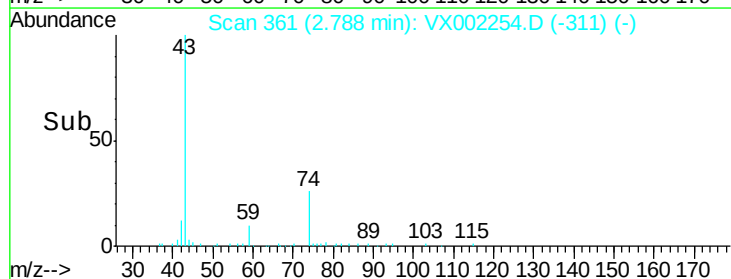
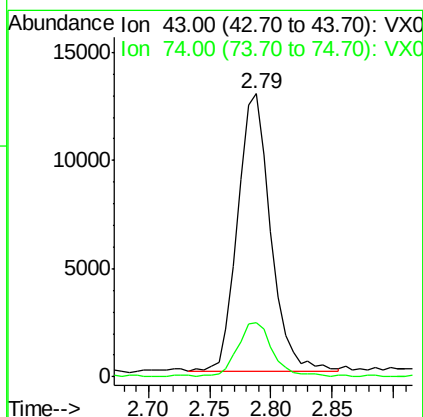
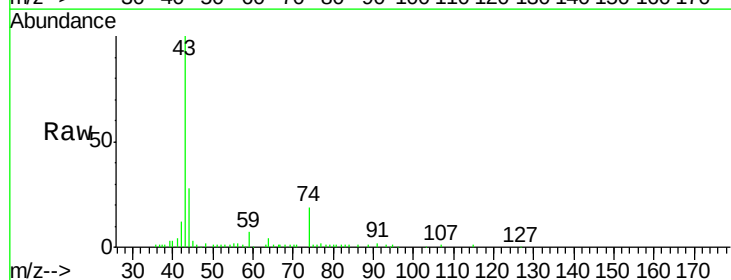
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

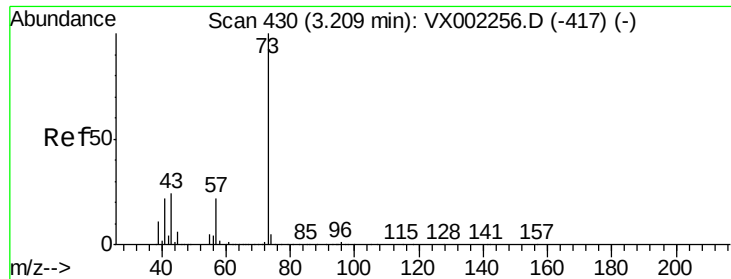
Tgt Ion: 76 Resp: 30339
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 6.57 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 43 Resp: 24099
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

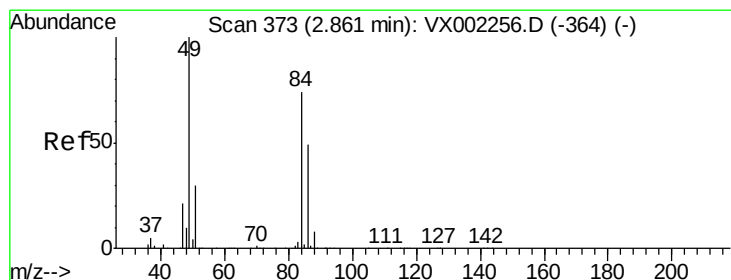
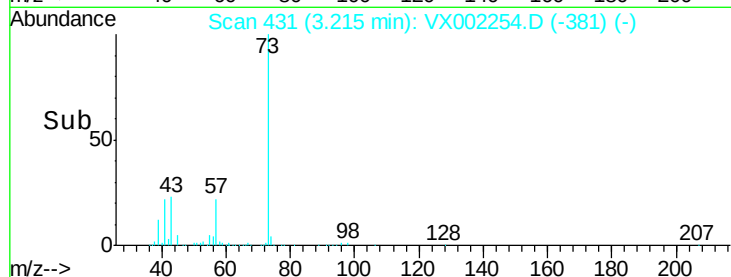
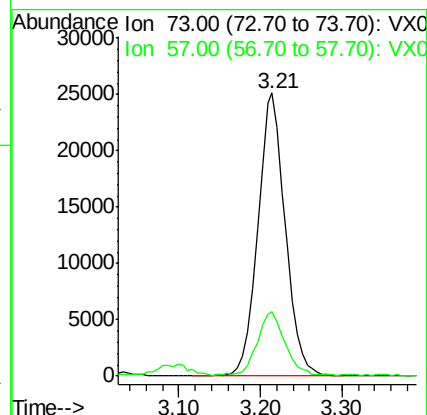
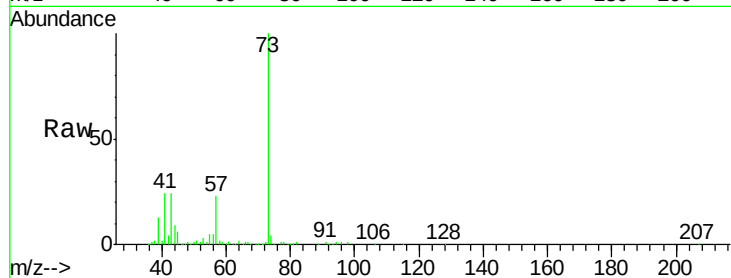




#19
Methyl tert-butyl Ether
Concen: 6.43 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

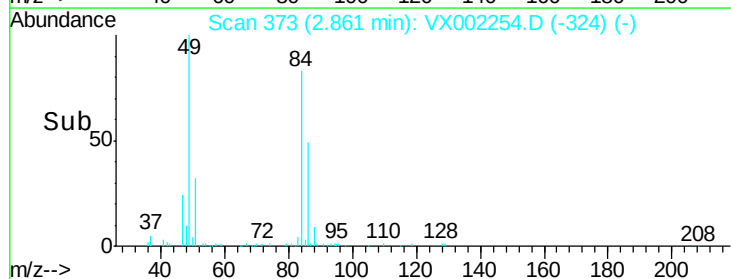
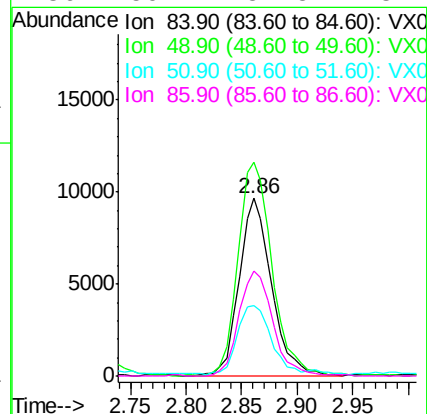
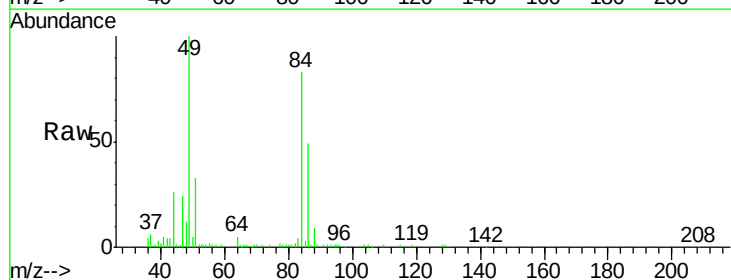
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

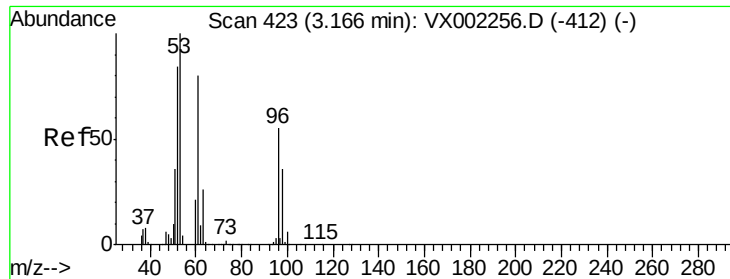
Tgt Ion: 73 Resp: 58951
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 6.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 84 Resp: 19523
Ion Ratio Lower Upper
84 100
49 119.7 107.8 161.6
51 38.9 32.8 49.2
86 59.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

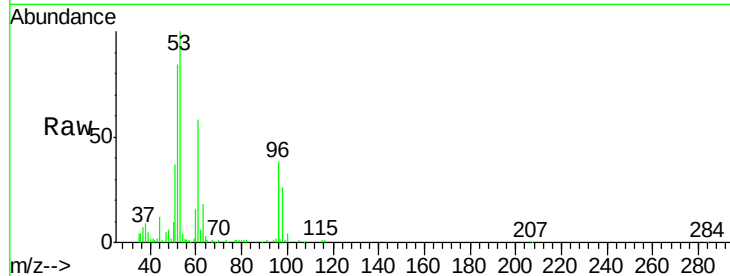
Tgt Ion: 96 Resp: 14355

Ion Ratio Lower Upper

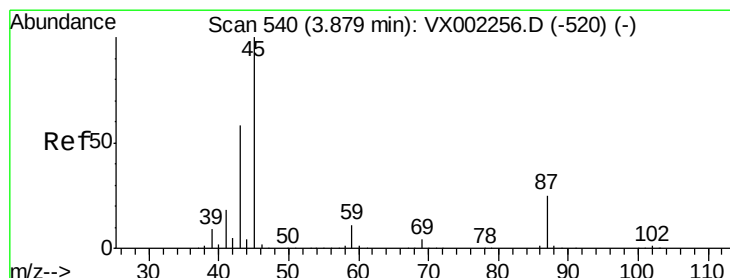
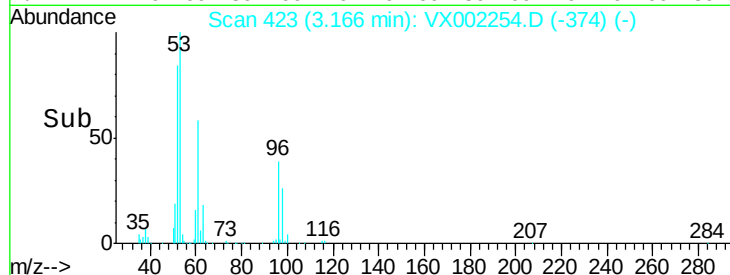
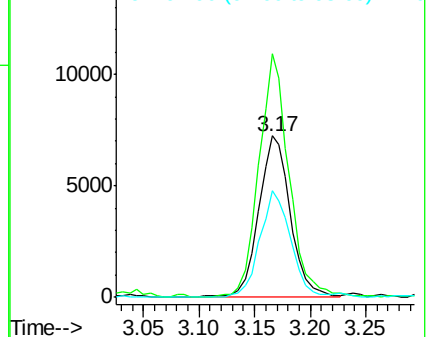
96 100

61 151.1 117.0 175.4

98 66.3 52.4 78.6



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: 5.95 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Tgt Ion: 45 Resp: 55761

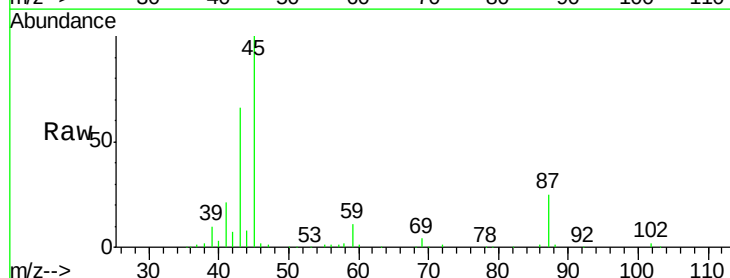
Ion Ratio Lower Upper

45 100

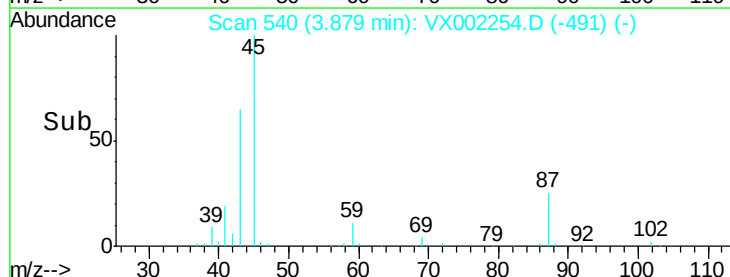
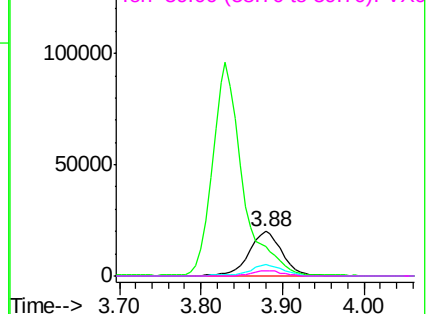
43 65.1 46.8 70.2

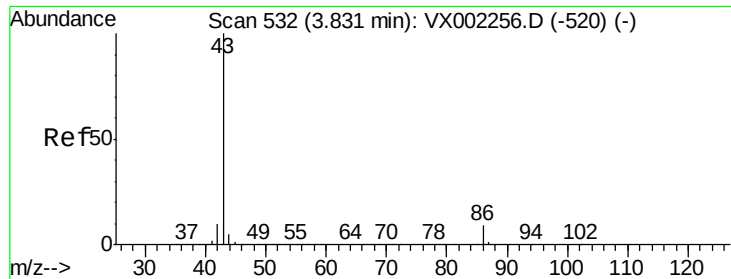
87 25.4 20.2 30.4

59 11.2 8.7 13.1



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: 30.47 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

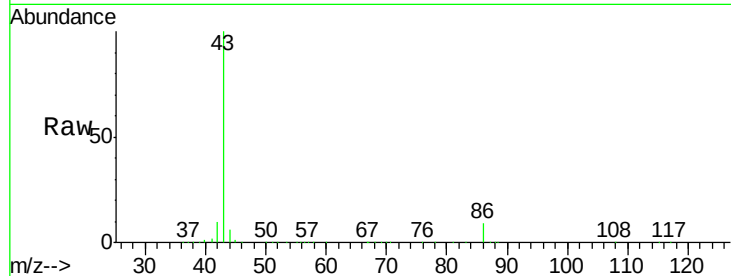
VSTDIC005

Tgt Ion: 43 Resp: 248094

Ion Ratio Lower Upper

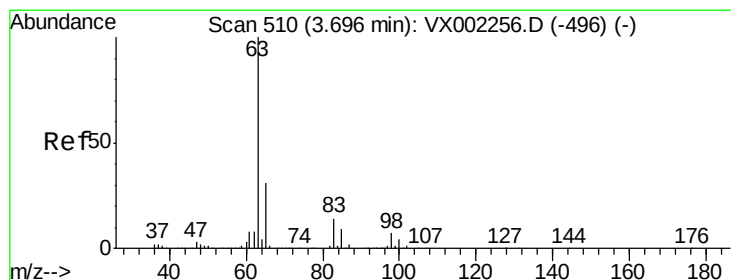
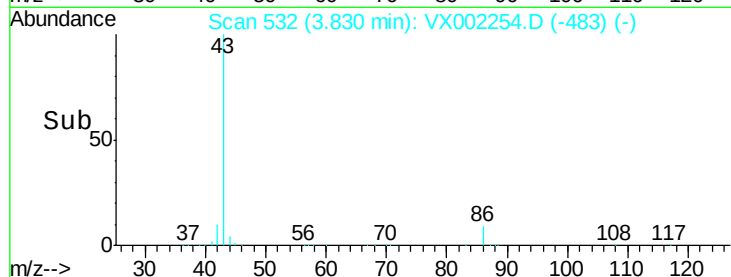
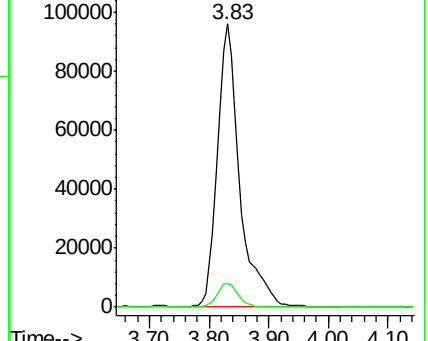
43 100

86 8.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 6.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

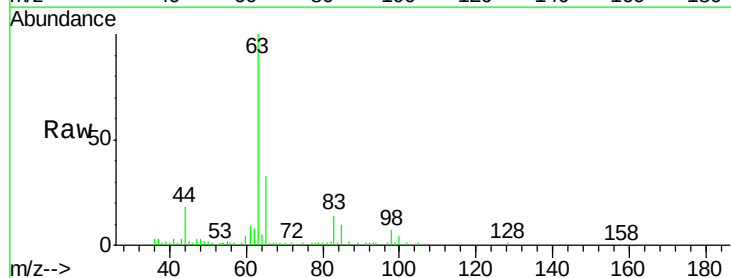
Tgt Ion: 63 Resp: 29973

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

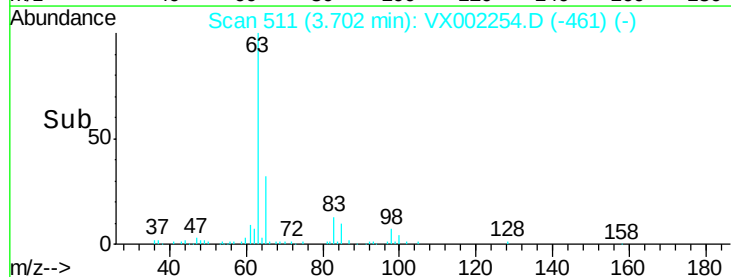
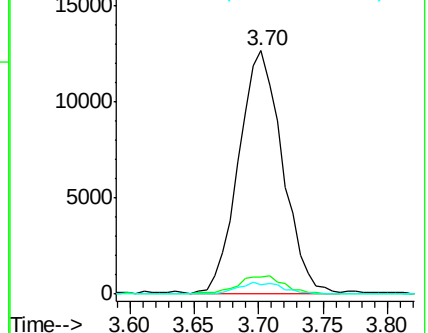
100 3.8 2.0 6.0

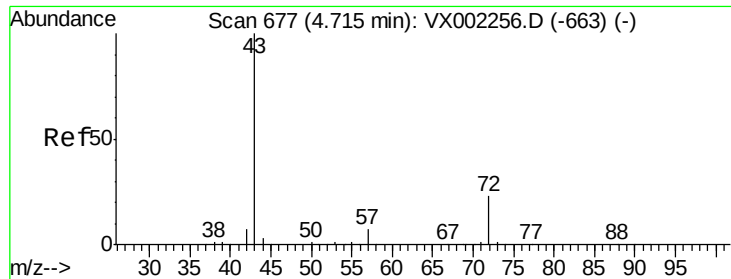


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 31.33 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampled :

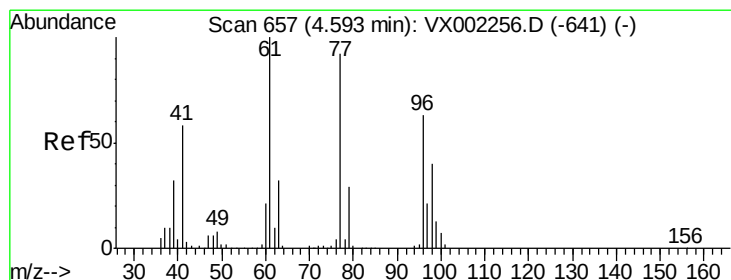
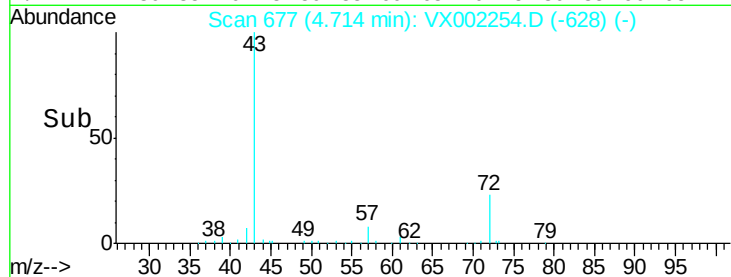
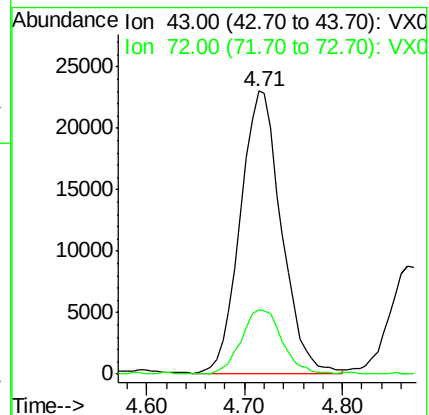
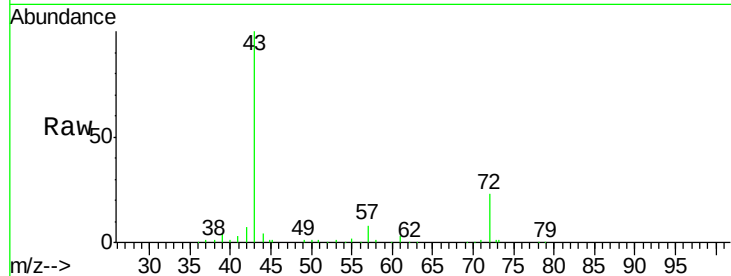
VSTDIC005

Tgt Ion: 43 Resp: 66785

Ion Ratio Lower Upper

43 100

72 22.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 5.44 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002254.D

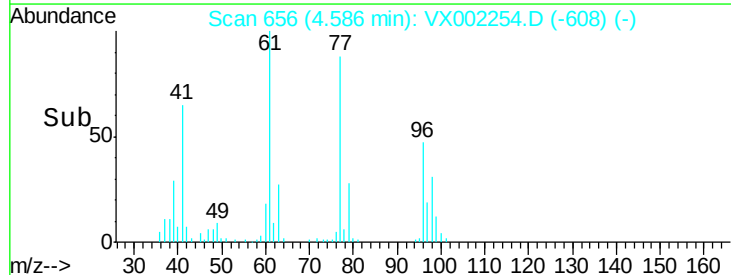
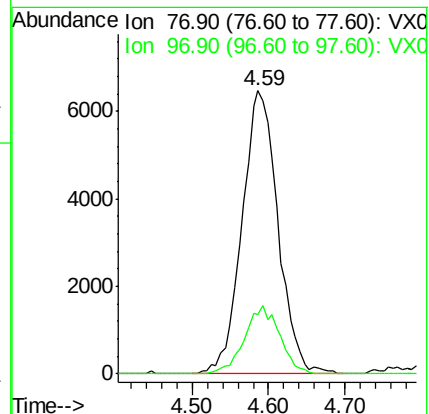
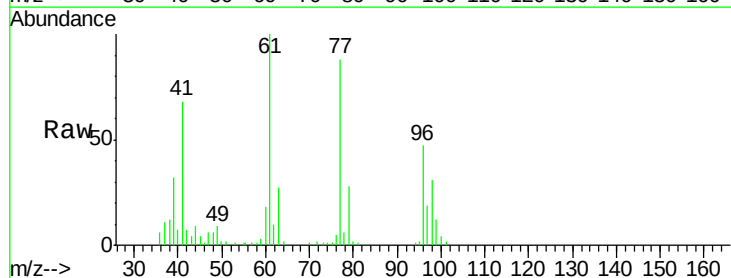
Acq: 04 Jun 2018 10:33

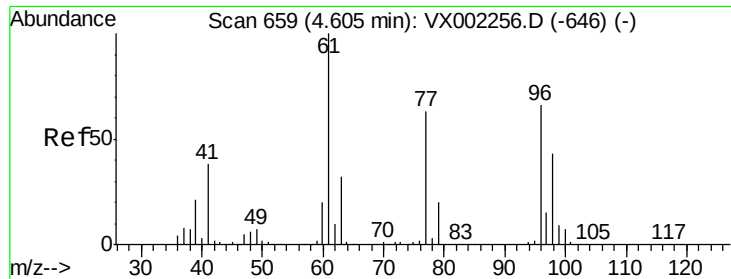
Tgt Ion: 77 Resp: 21119

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 6.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

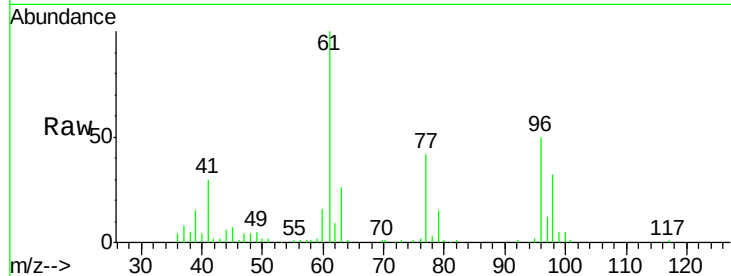
Tgt Ion: 96 Resp: 16641

Ion Ratio Lower Upper

96 100

61 250.1 0.0 330.2

98 66.2 0.0 130.2

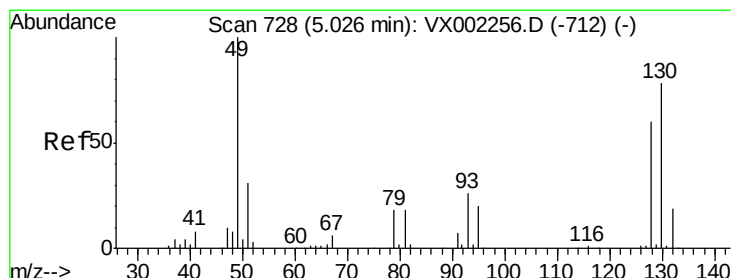
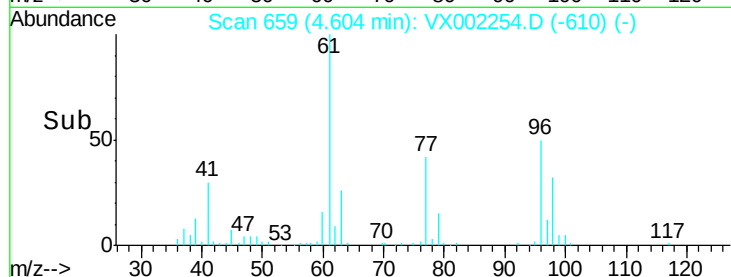
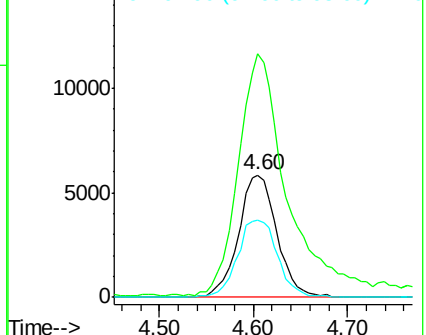


Abundance

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



#28

Bromochloromethane

Concen: 5.88 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

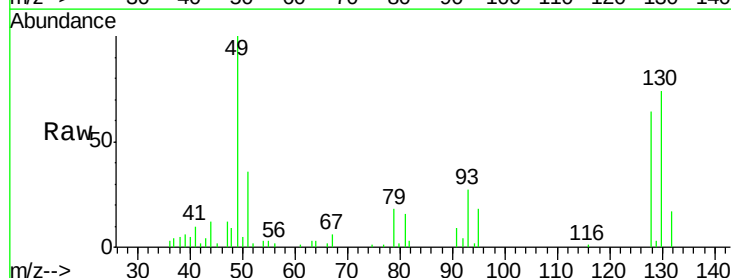
Tgt Ion: 49 Resp: 14136

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 77.0 61.2 91.8

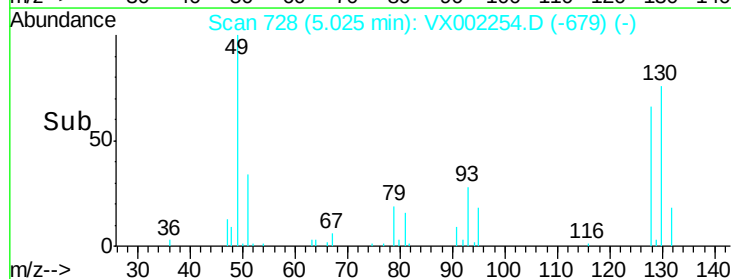
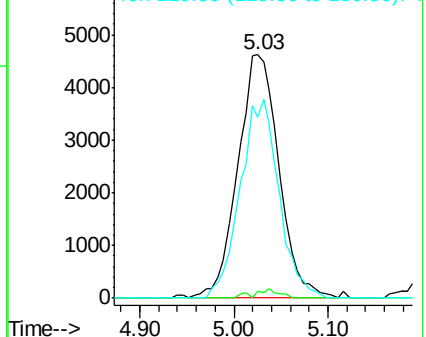


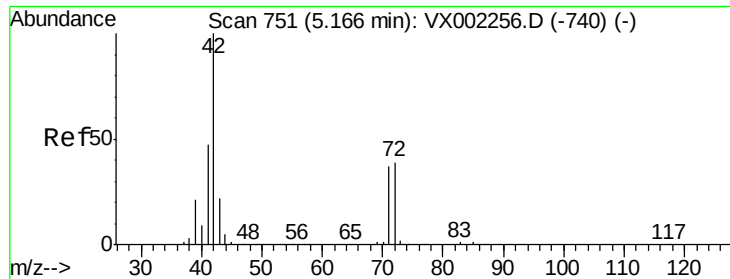
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 31.22 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

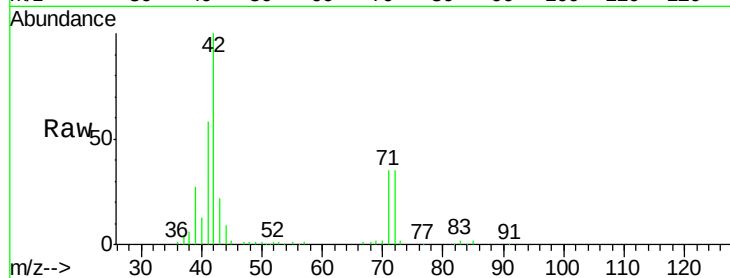
Tgt Ion: 42 Resp: 42910

Ion Ratio Lower Upper

42 100

72 40.3 32.0 48.0

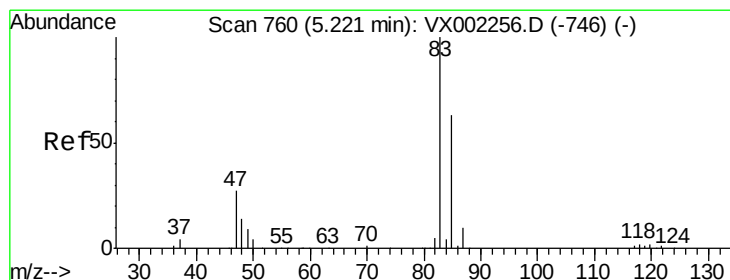
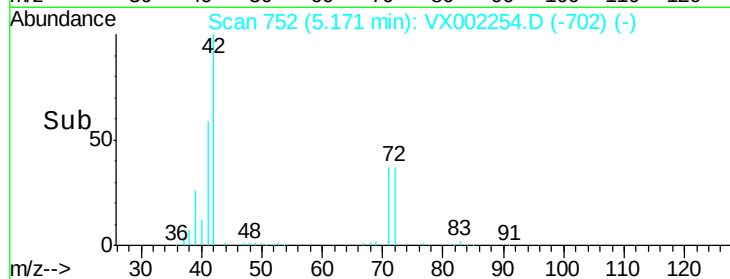
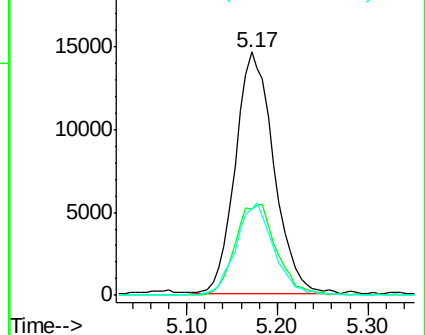
71 37.7 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.89 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002254.D

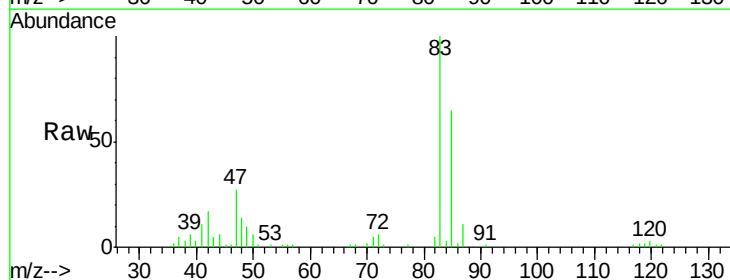
Acq: 04 Jun 2018 10:33

Tgt Ion: 83 Resp: 28208

Ion Ratio Lower Upper

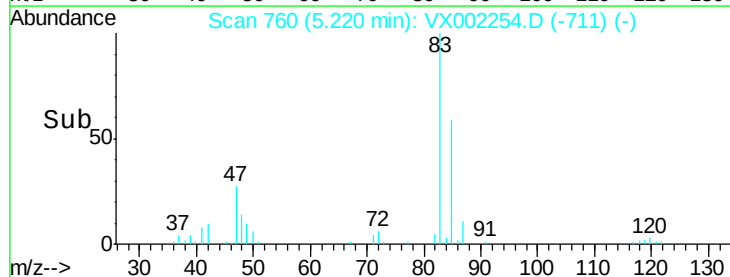
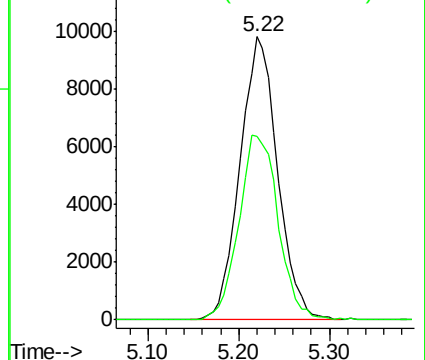
83 100

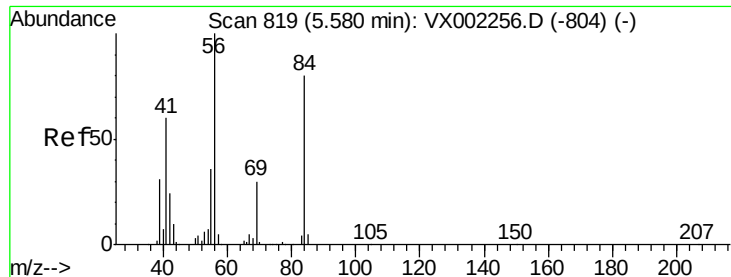
85 64.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

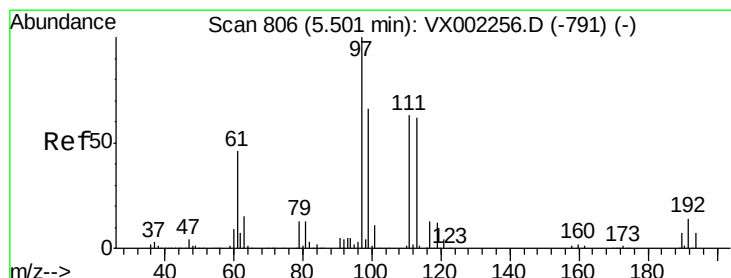
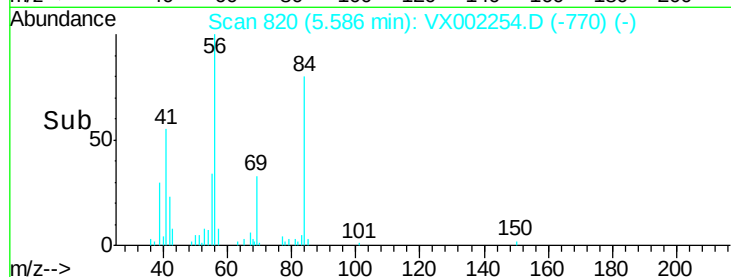
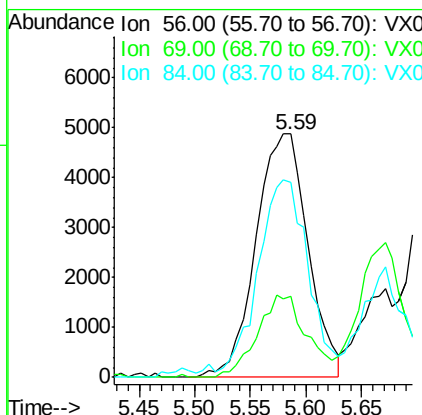
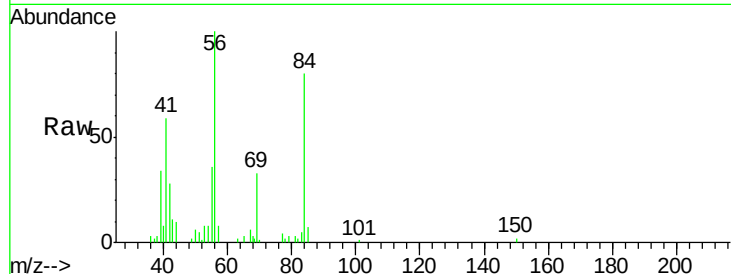




#31
Cyclohexane
Concen: 4.04 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

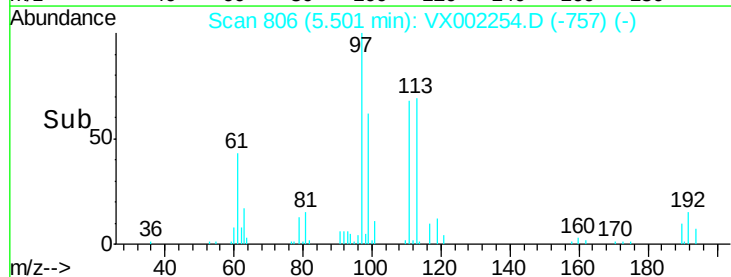
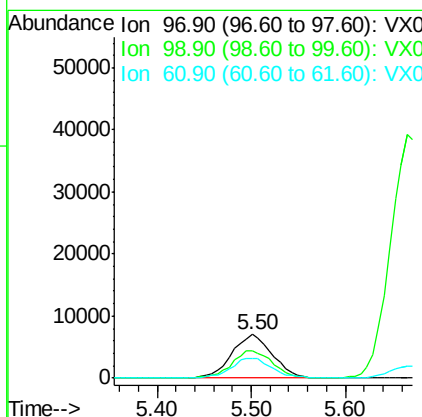
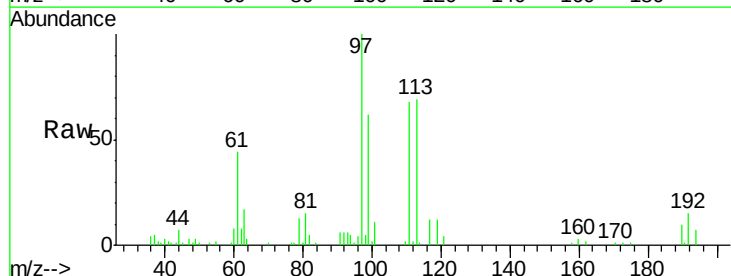
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

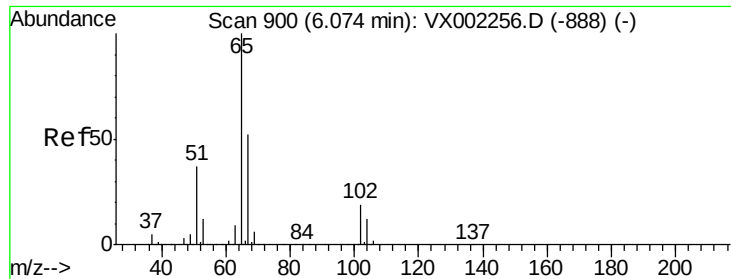
Tgt Ion: 56 Resp: 15851
Ion Ratio Lower Upper
56 100
69 33.1 23.7 35.5
84 77.5 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 5.13 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 97 Resp: 20833
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 47.0 36.4 54.6

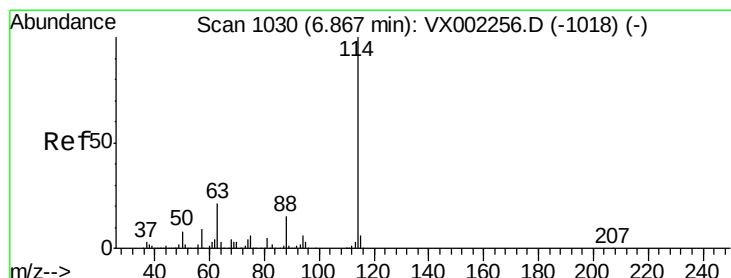
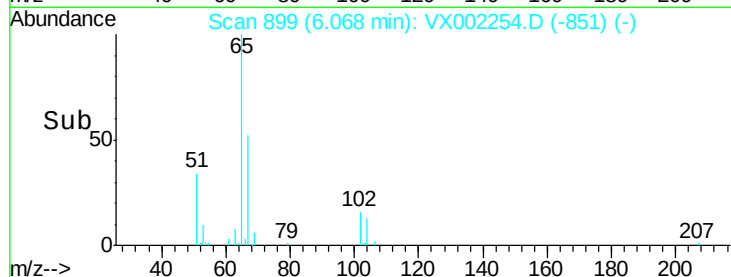
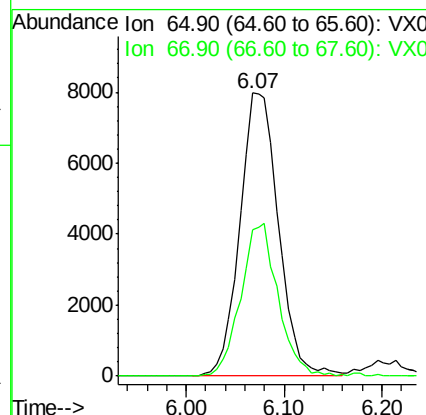
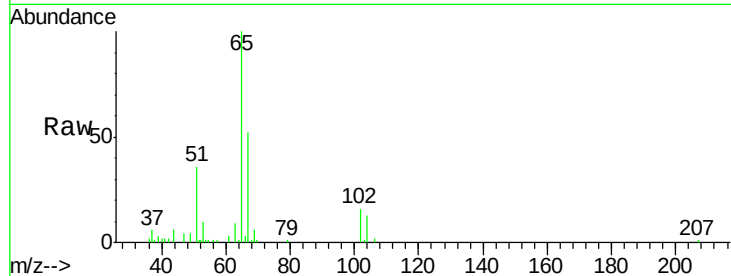




#33
 1,2-Dichloroethane-d4
 Concen: 6.47 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

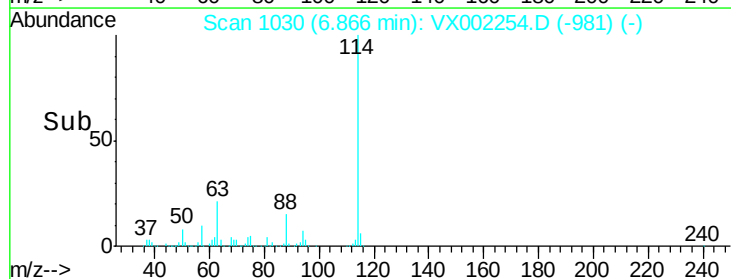
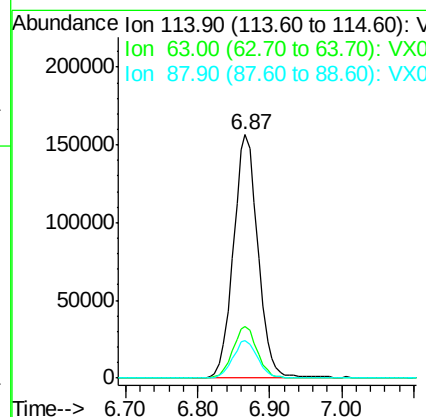
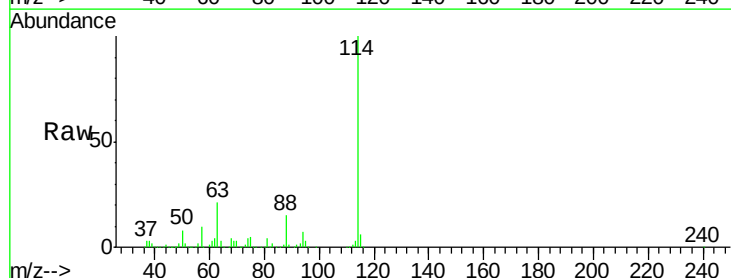
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

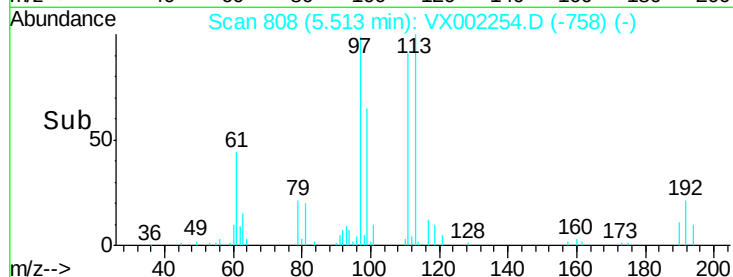
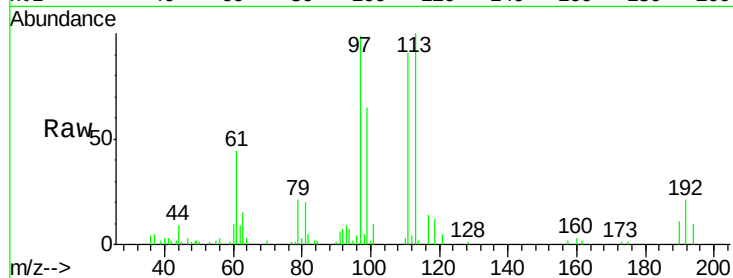
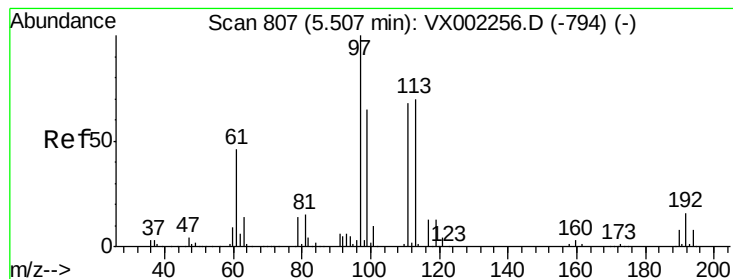
Tgt Ion: 65 Resp: 21865
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion: 114 Resp: 370993
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 5.14 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

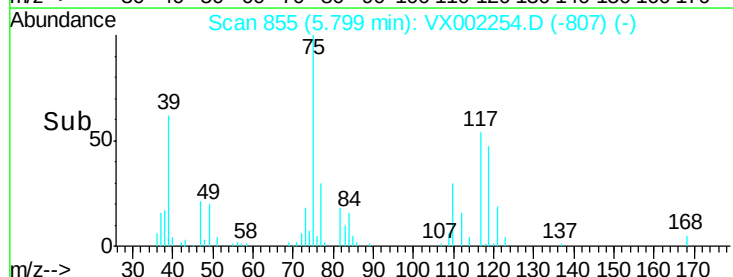
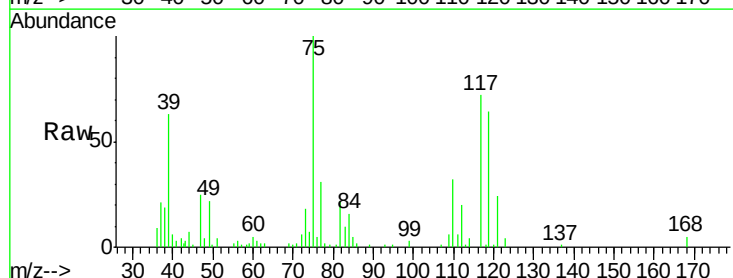
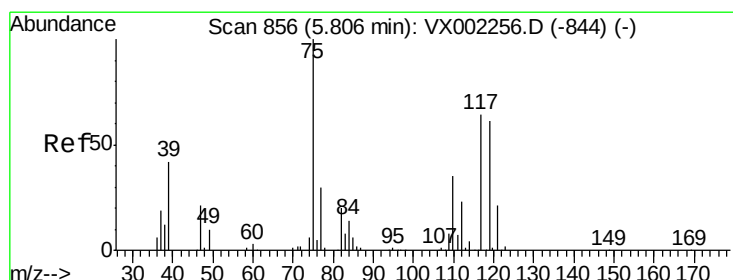
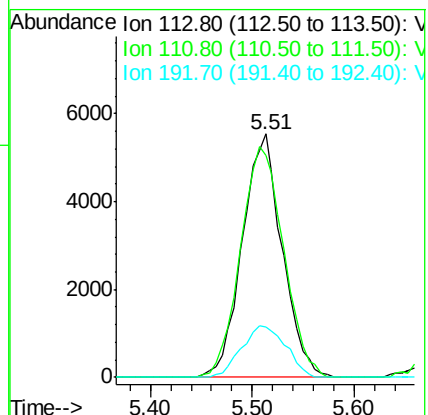
Tgt Ion:113 Resp: 15001

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 23.5 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.34 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

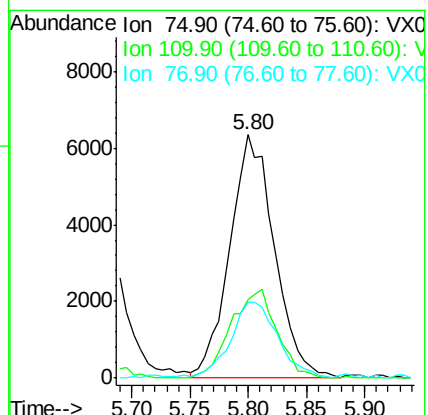
Tgt Ion: 75 Resp: 16931

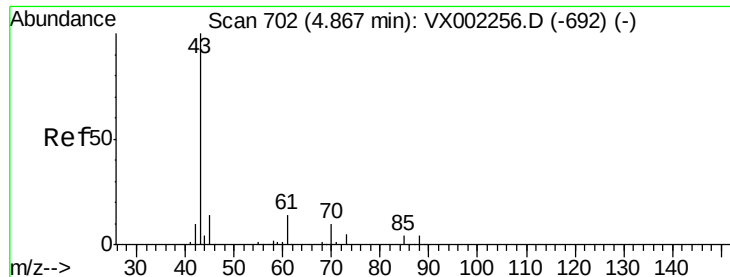
Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

77 33.5 24.3 36.5

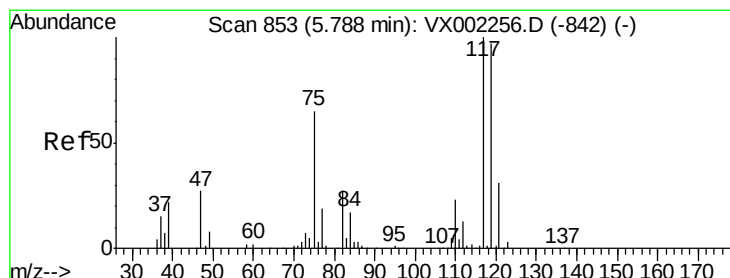
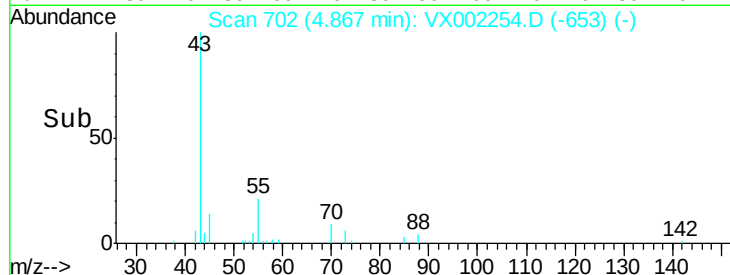
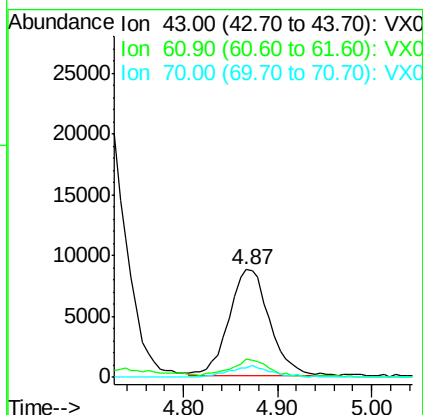
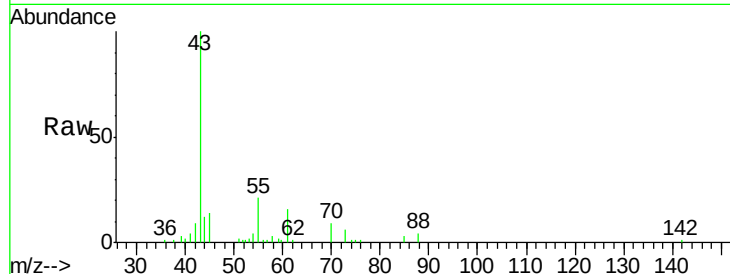




#37
Ethyl Acetate
Concen: 5.58 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

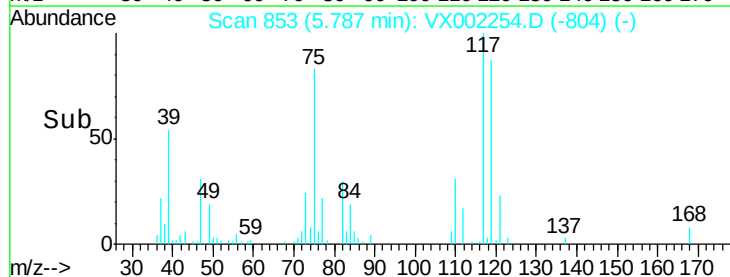
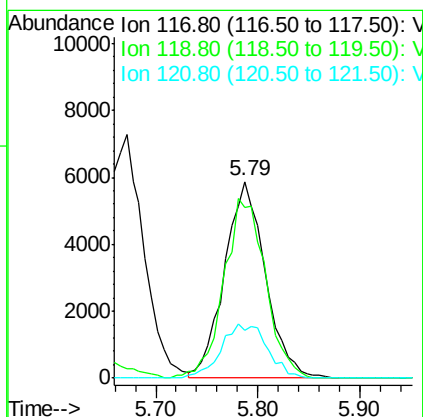
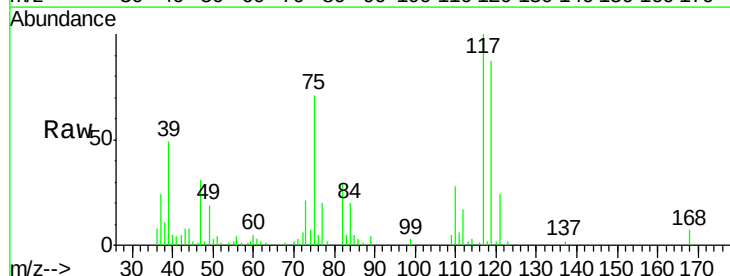
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

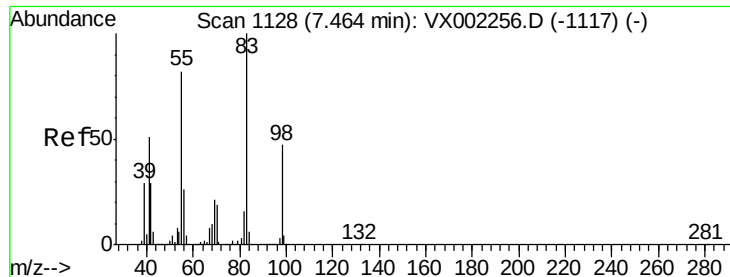
Tgt Ion: 43 Resp: 26163
Ion Ratio Lower Upper
43 100
61 14.7 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 4.01 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 117 Resp: 16348
Ion Ratio Lower Upper
117 100
119 86.6 77.4 116.0
121 24.4 24.4 36.6

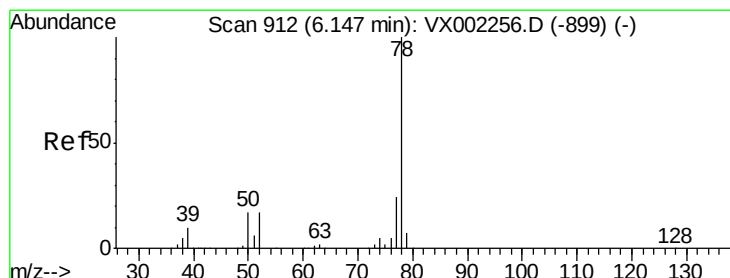
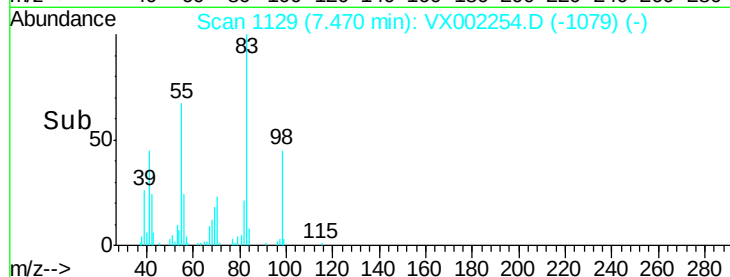
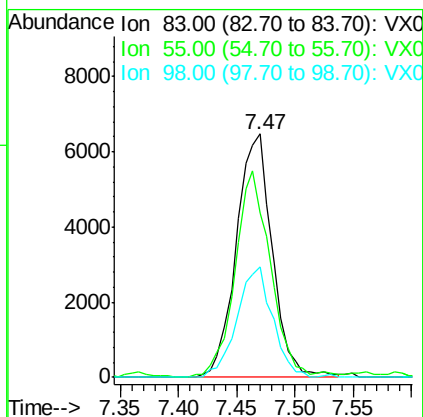
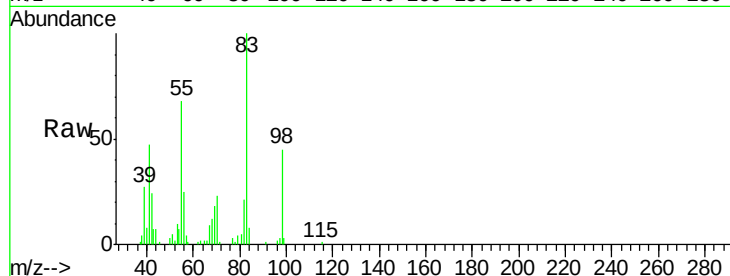




#39
Methylcyclohexane
Concen: 3.13 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

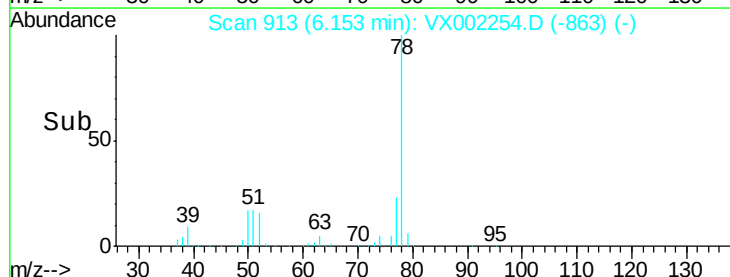
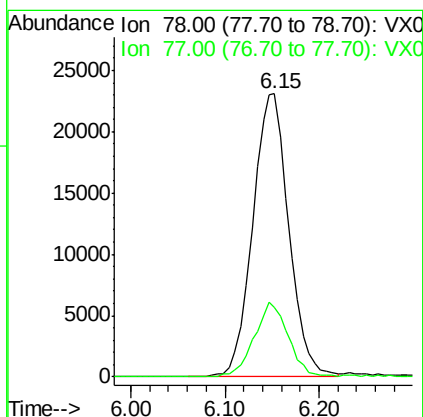
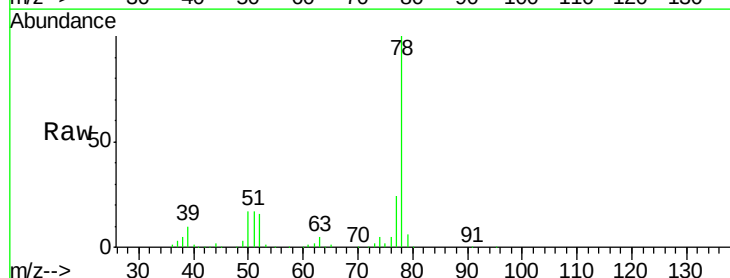
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

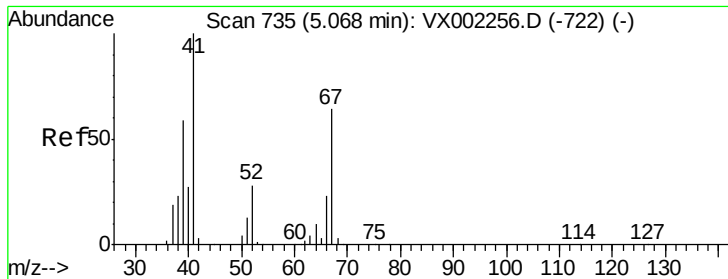
Tgt Ion: 83 Resp: 13934
Ion Ratio Lower Upper
83 100
55 67.7 65.4 98.0
98 45.4 37.4 56.0



#40
Benzene
Concen: 5.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 78 Resp: 61969
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

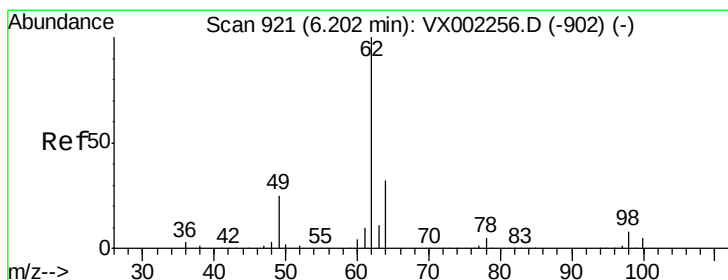
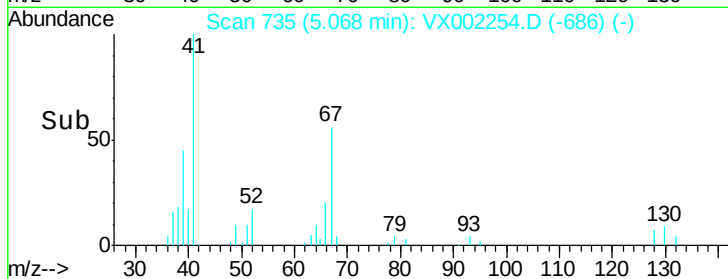
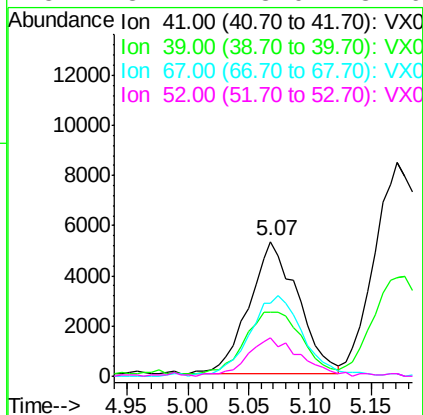
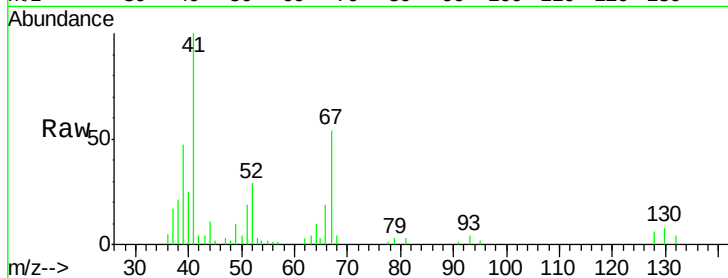




#41
Methacrylonitrile
Concen: 5.48 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

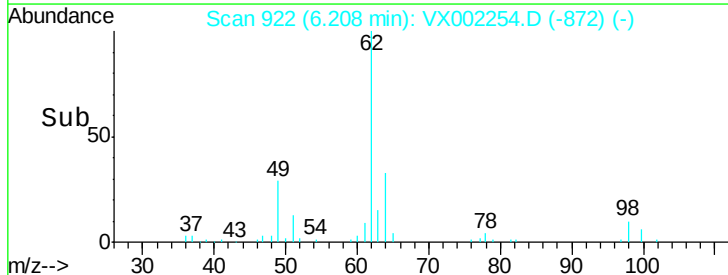
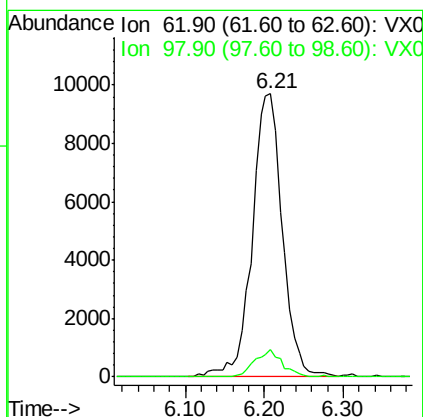
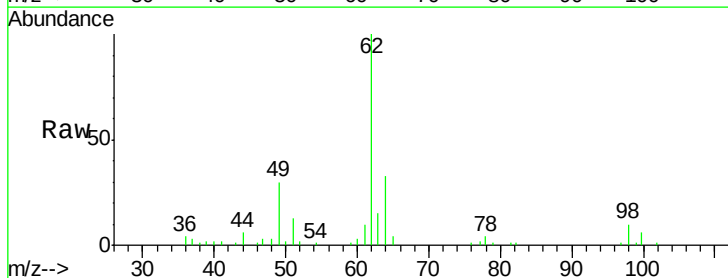
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

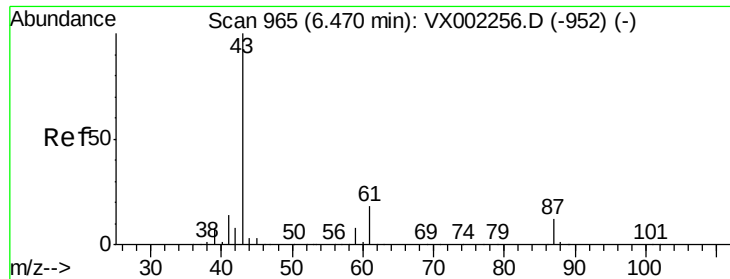
Tgt Ion:	41	Resp:	14706
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.8	68.6
67	66.2	51.3	76.9
52	31.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 5.42 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion:	62	Resp:	25764
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 5.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

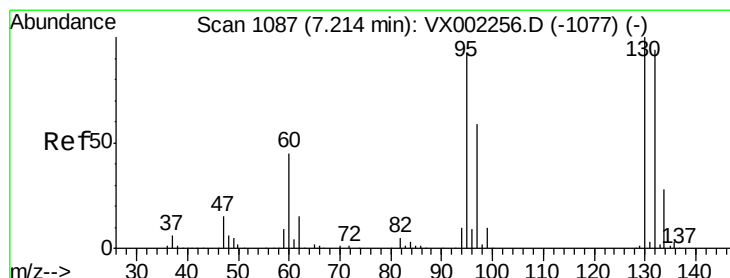
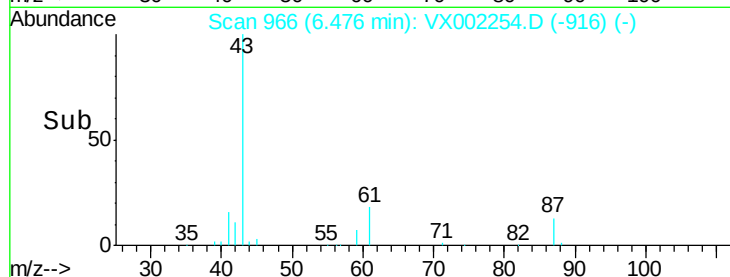
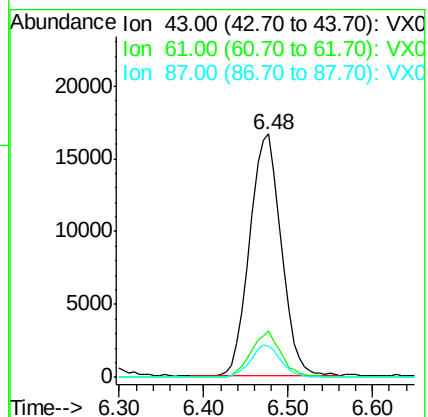
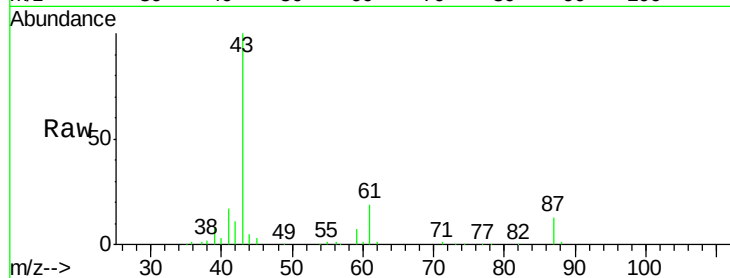
Tgt Ion: 43 Resp: 42404

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

87 12.7 9.5 14.3



#44

Trichloroethene

Concen: 4.83 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002254.D

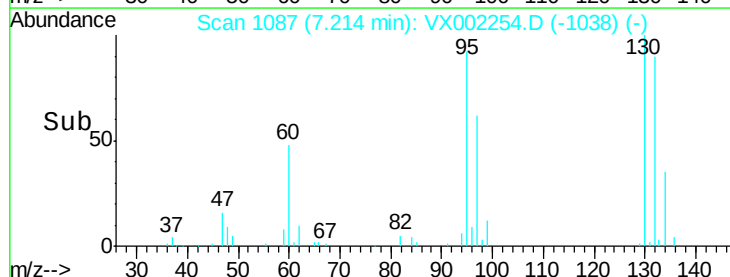
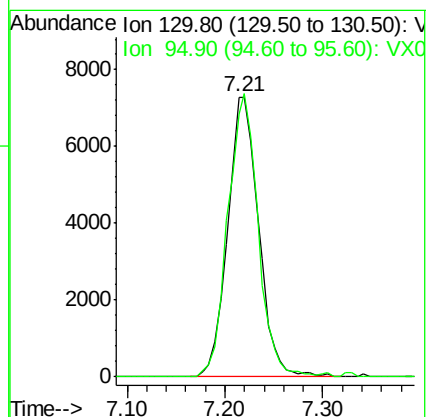
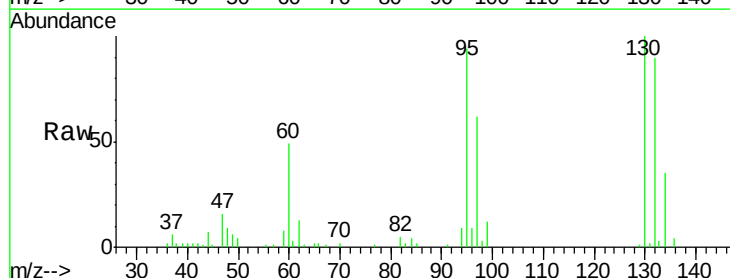
Acq: 04 Jun 2018 10:33

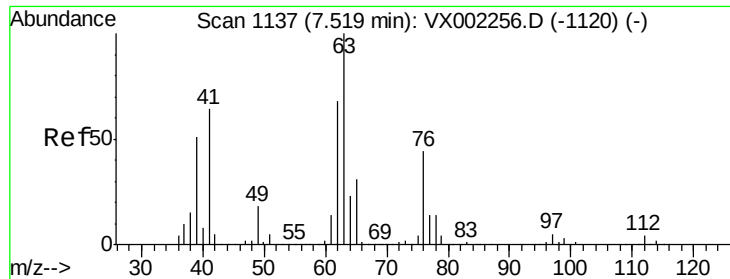
Tgt Ion: 130 Resp: 16027

Ion Ratio Lower Upper

130 100

95 93.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 5.34 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

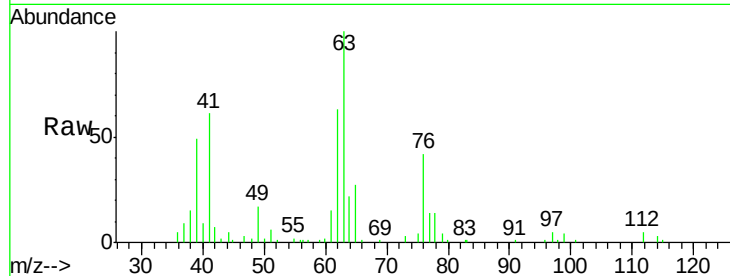
VSTDIC005

Tgt Ion: 63 Resp: 17232

Ion Ratio Lower Upper

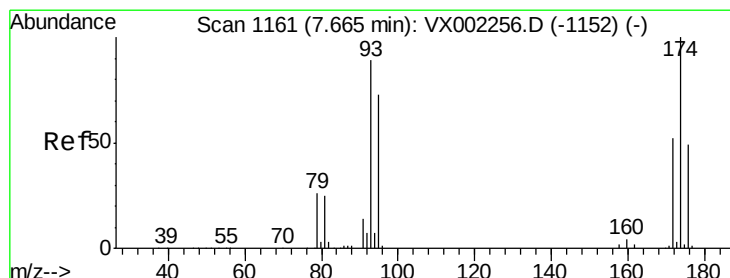
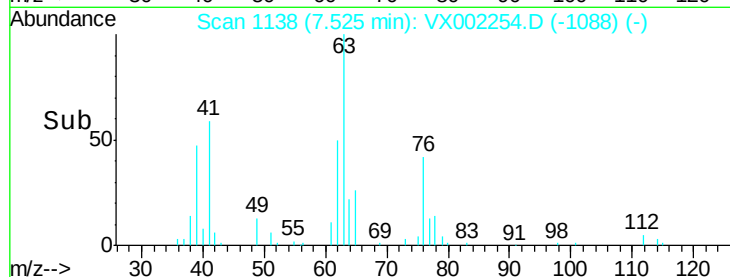
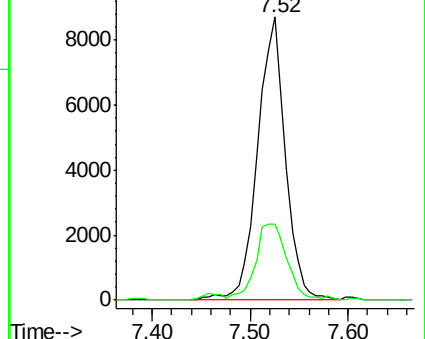
63 100

65 26.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.34 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

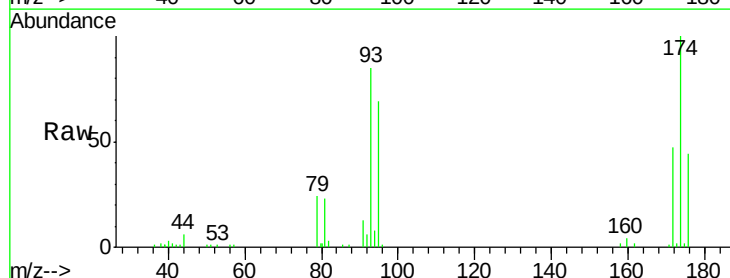
Tgt Ion: 93 Resp: 11690

Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

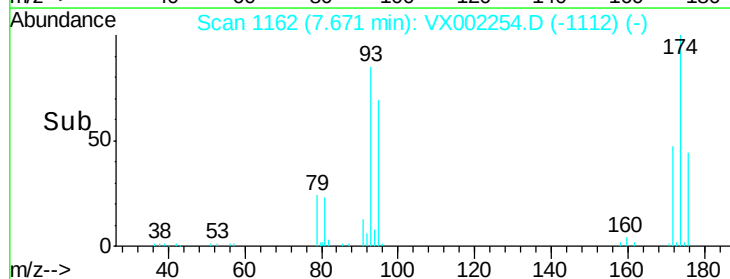
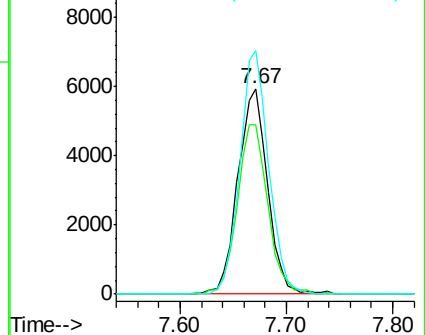
174 114.3 92.4 138.6

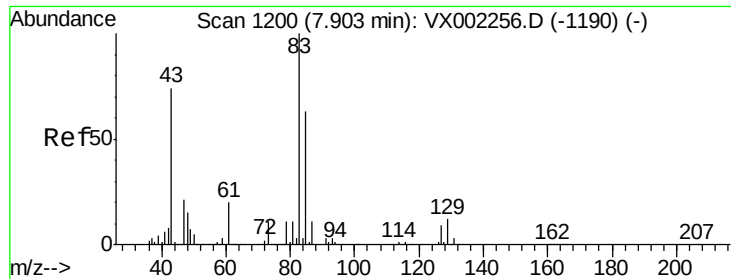


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

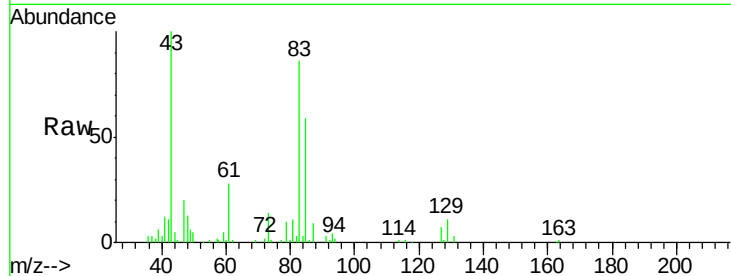
Tgt Ion: 83 Resp: 19159

Ion Ratio Lower Upper

83 100

85 68.9 50.3 75.5

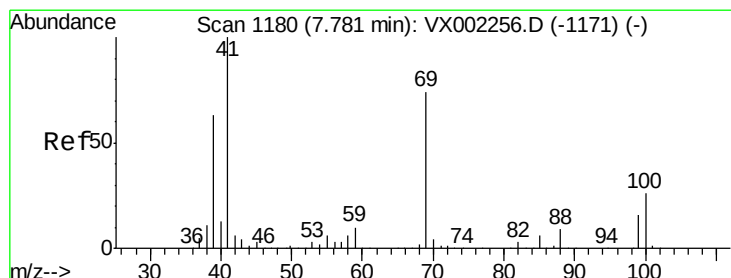
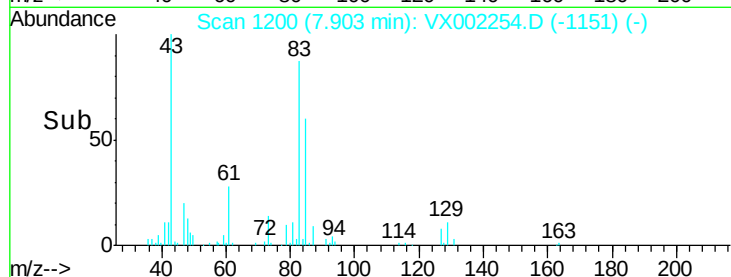
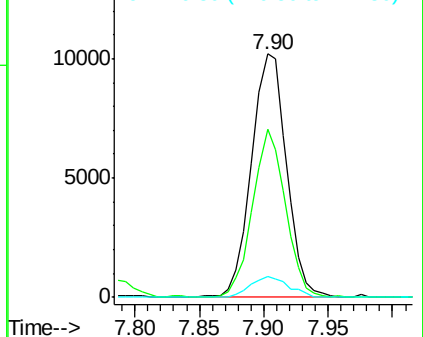
127 8.7 7.0 10.4



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: 5.19 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

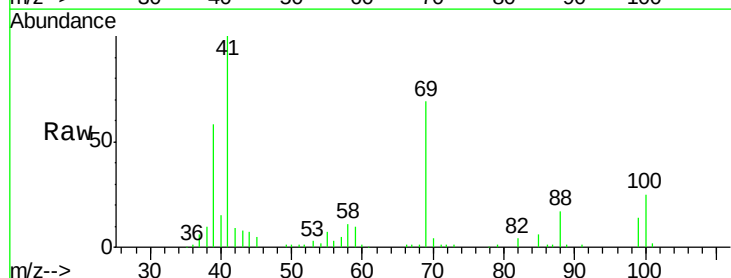
Tgt Ion: 41 Resp: 20779

Ion Ratio Lower Upper

41 100

69 75.9 59.1 88.7

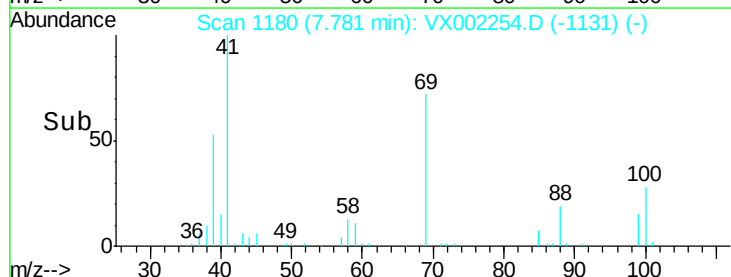
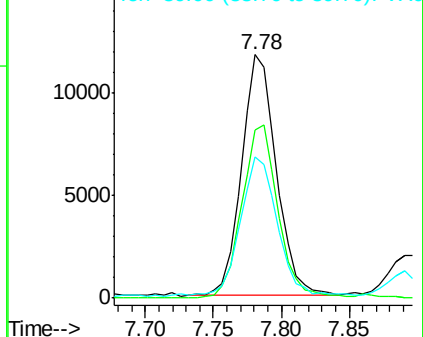
39 61.2 48.9 73.3

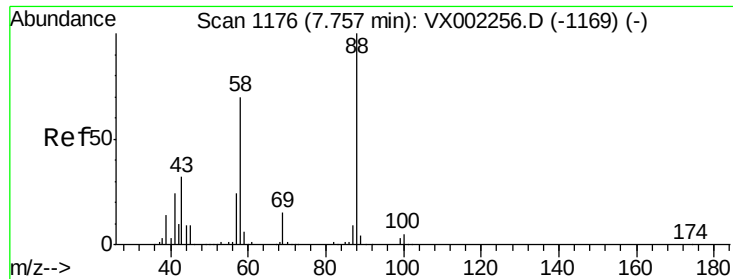


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

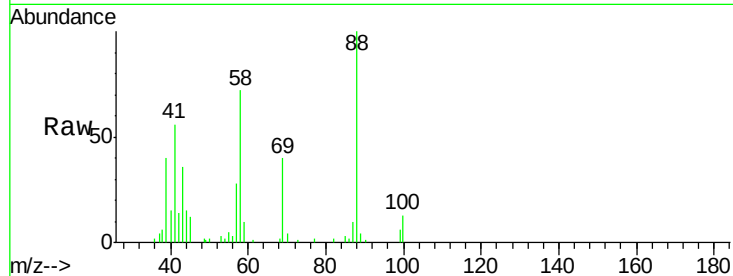




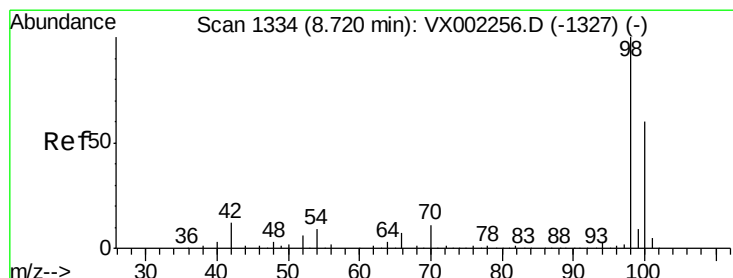
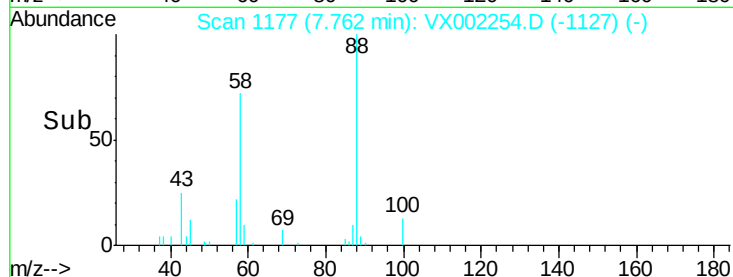
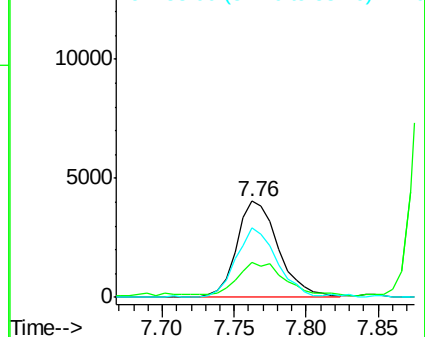
#49
1,4-Dioxane
Concen: 109.12 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 8165
Ion Ratio Lower Upper
88 100
43 39.1 29.8 44.6
58 70.0 57.1 85.7

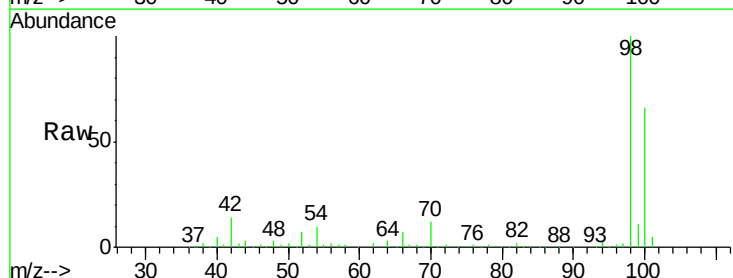


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

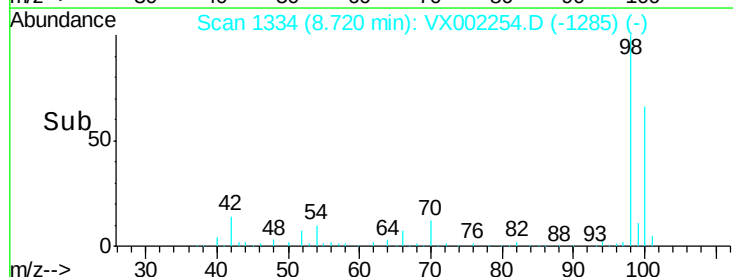
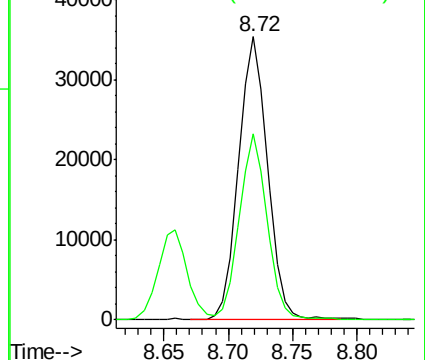


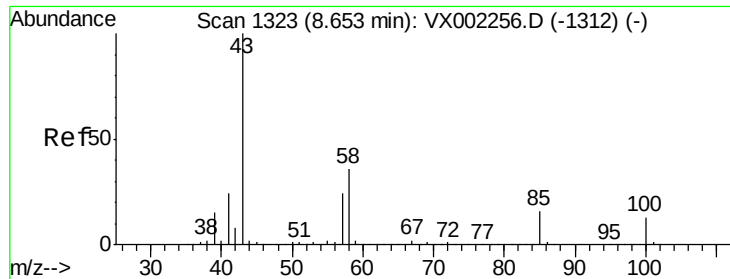
#50
Toluene-d8
Concen: 4.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 98 Resp: 55308
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



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

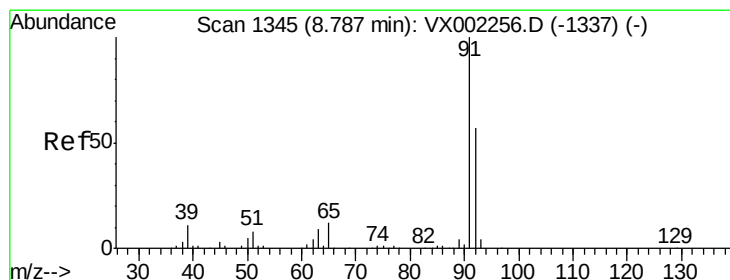
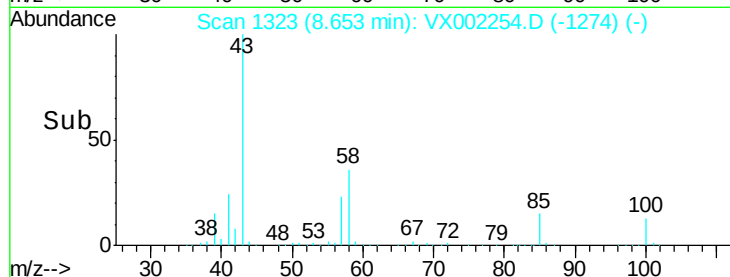
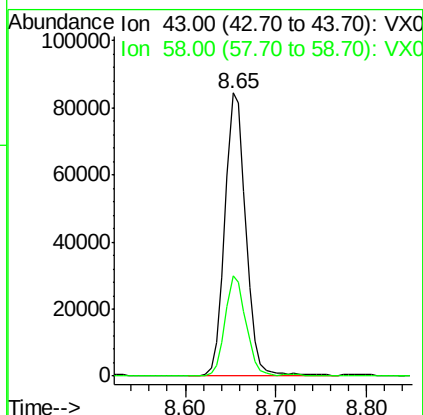
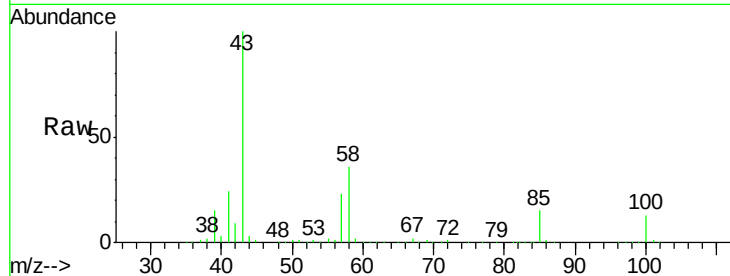




#51
 4-Methyl-2-Pentanone
 Concen: 27.37 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

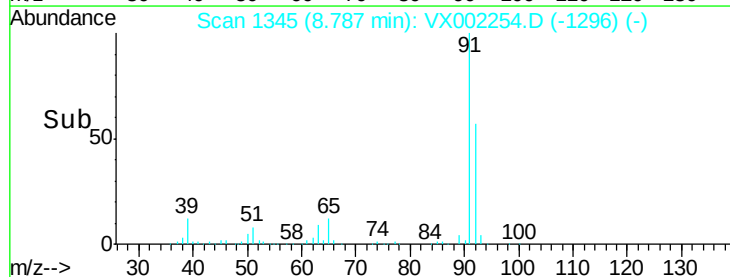
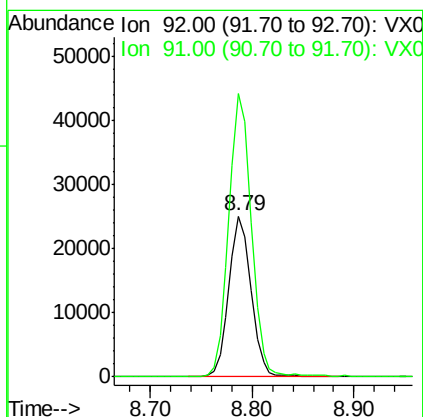
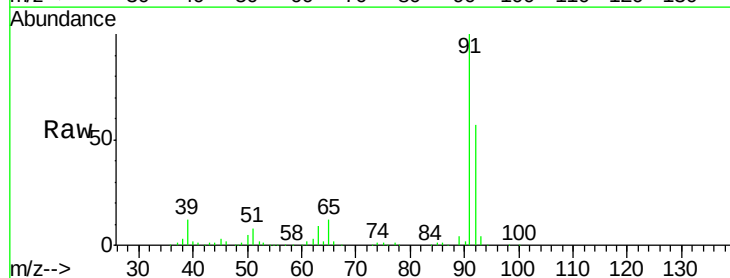
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

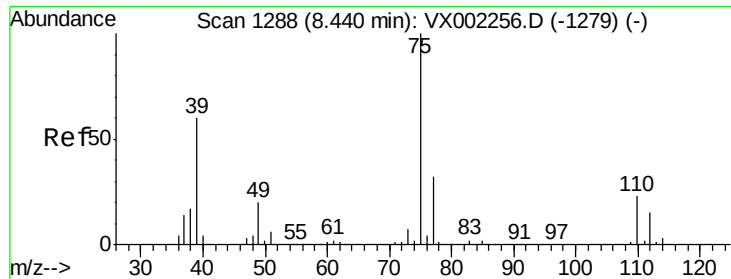
Tgt Ion: 43 Resp: 135784
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.6 42.8



#52
 Toluene
 Concen: 4.99 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion: 92 Resp: 37987
 Ion Ratio Lower Upper
 92 100
 91 179.2 140.4 210.6

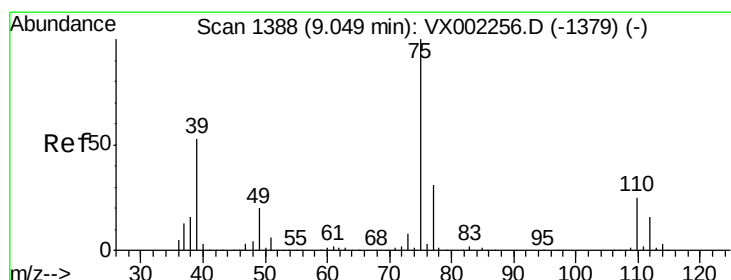
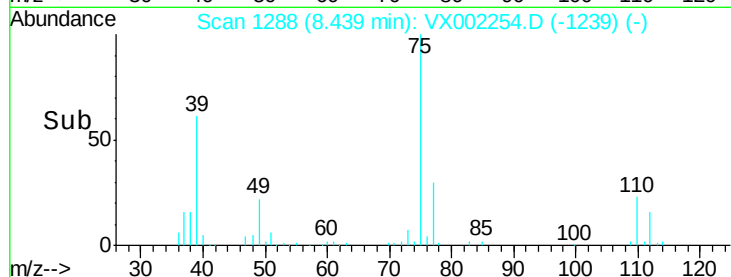
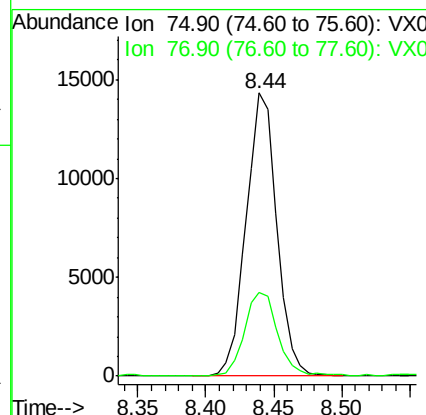
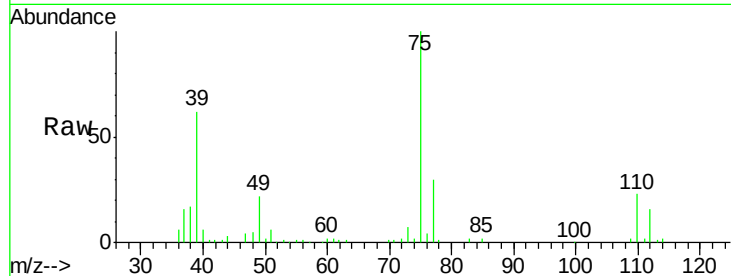




#53
 t-1,3-Dichloropropene
 Concen: 4.78 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

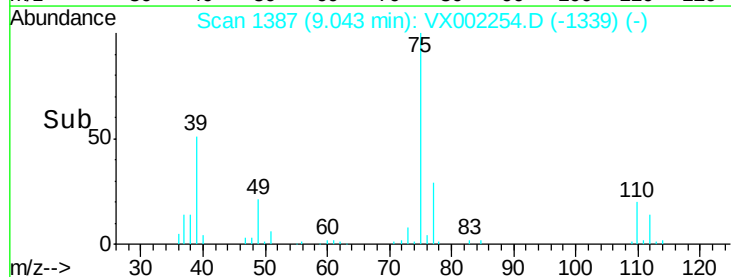
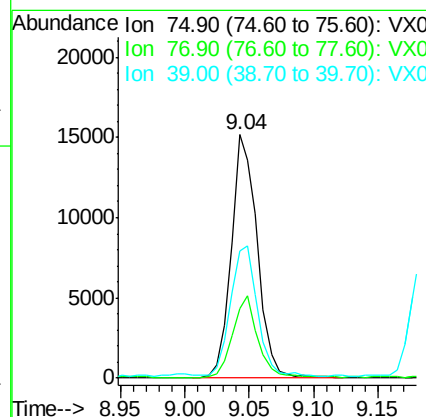
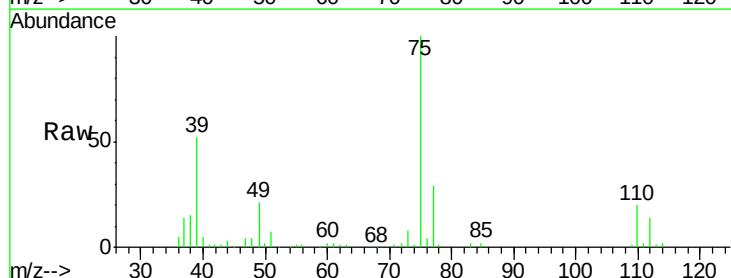
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

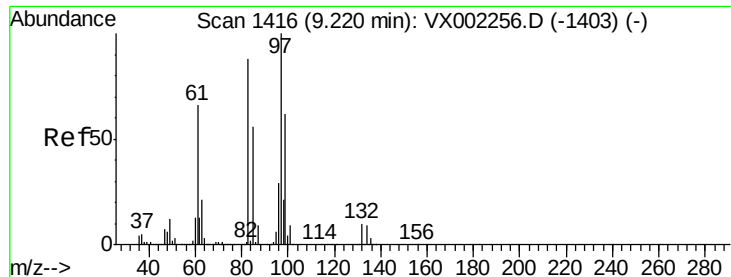
Tgt Ion: 75 Resp: 22693
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.81 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion: 75 Resp: 21532
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.8 37.2
 39 51.1 42.4 63.6

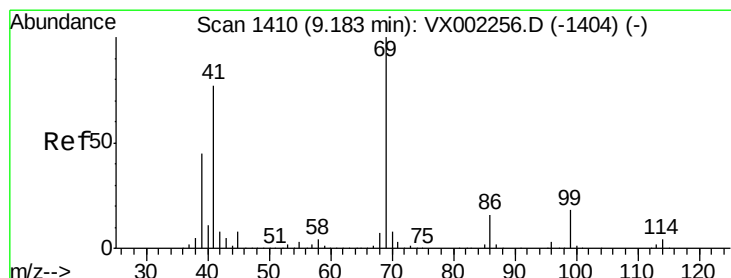
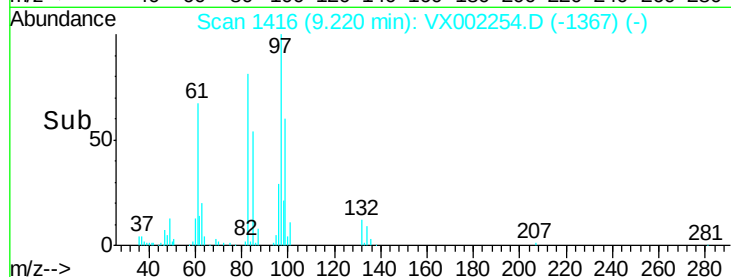
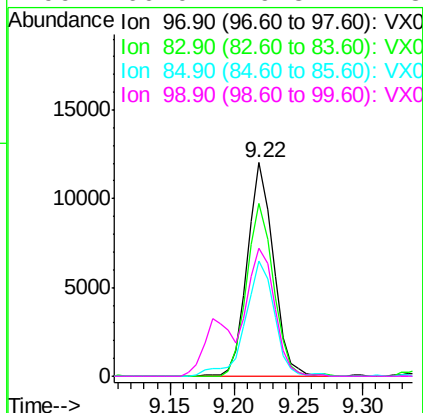
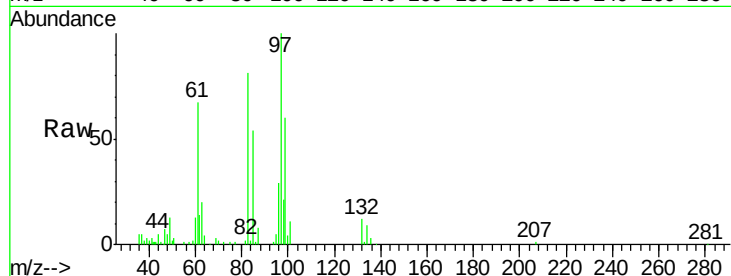




#55
 1,1,2-Trichloroethane
 Concen: 5.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

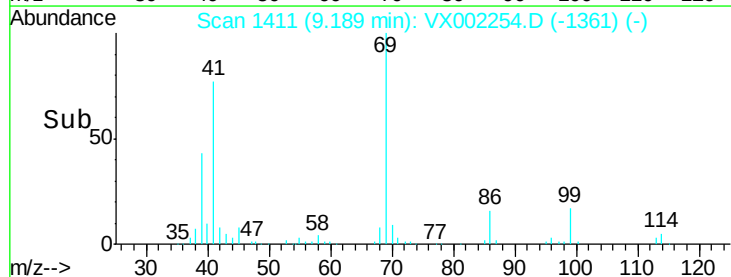
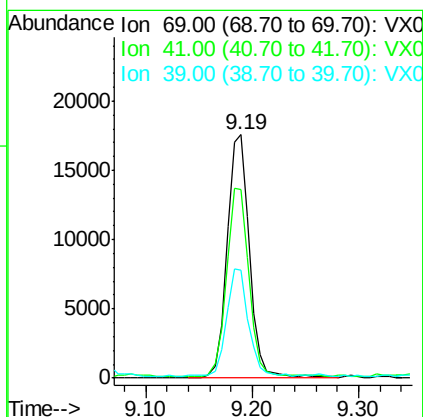
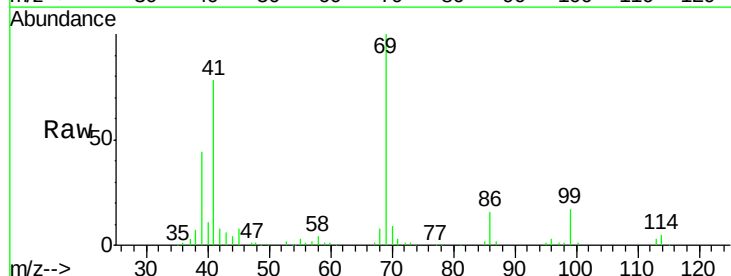
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

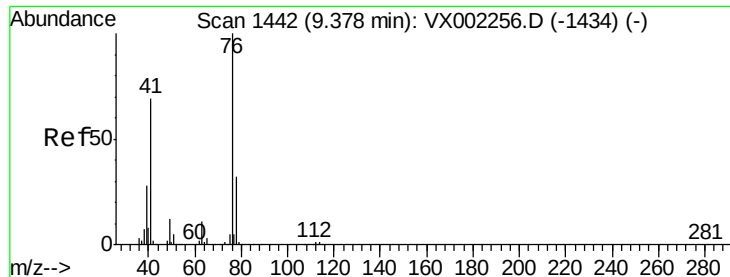
Tgt Ion:	97	Resp:	16826
Ion	Ratio	Lower	Upper
97	100		
83	80.9	70.2	105.2
85	53.8	44.9	67.3
99	60.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 5.20 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion:	69	Resp:	25952
Ion	Ratio	Lower	Upper
69	100		
41	78.1	60.3	90.5
39	44.4	35.8	53.8

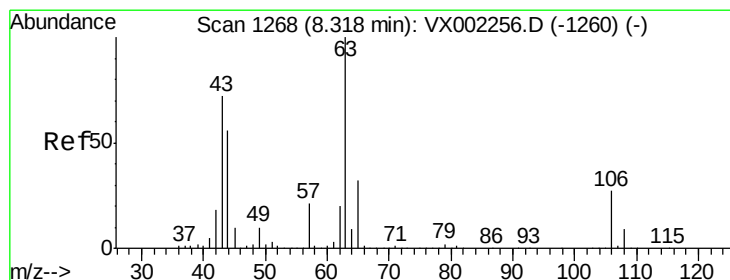
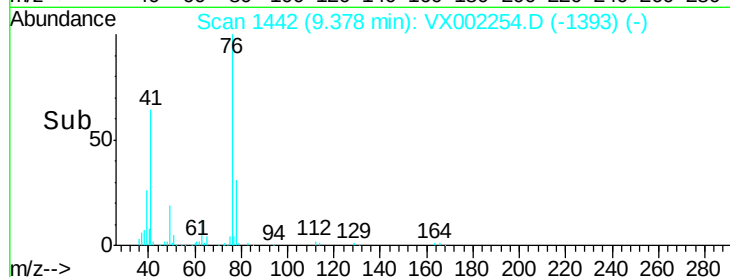
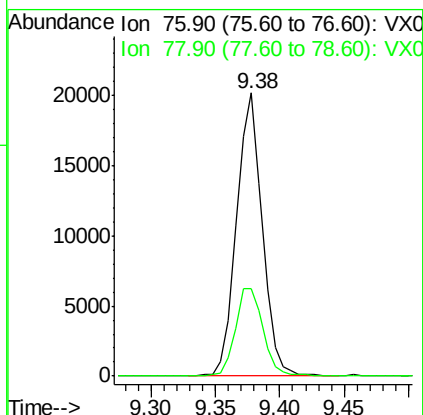
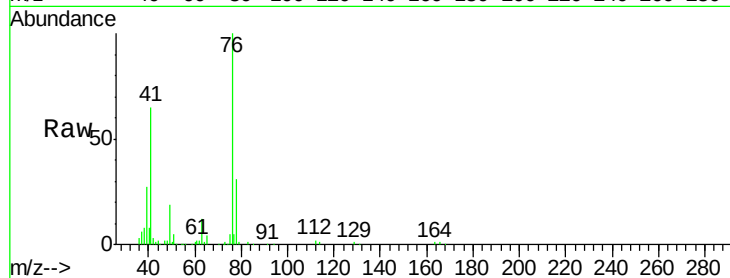




#57
 1,3-Dichloropropane
 Concen: 5.35 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

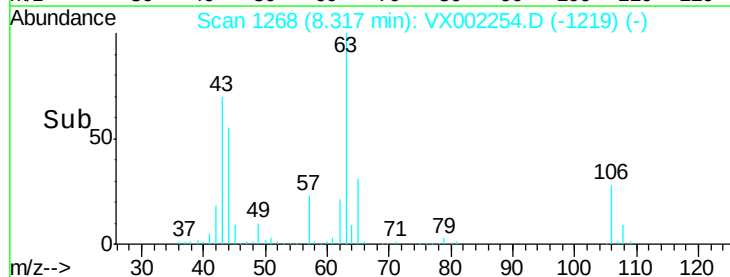
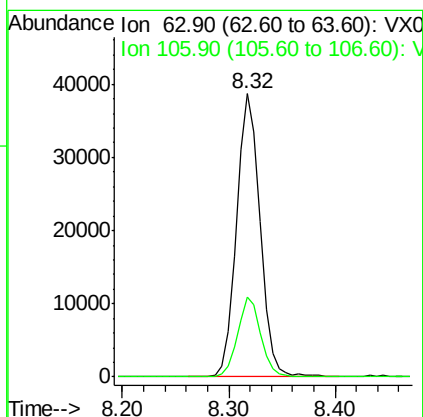
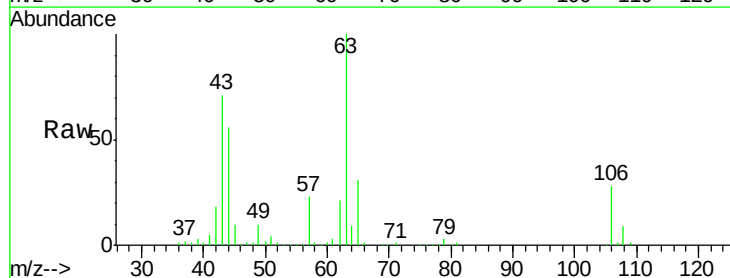
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

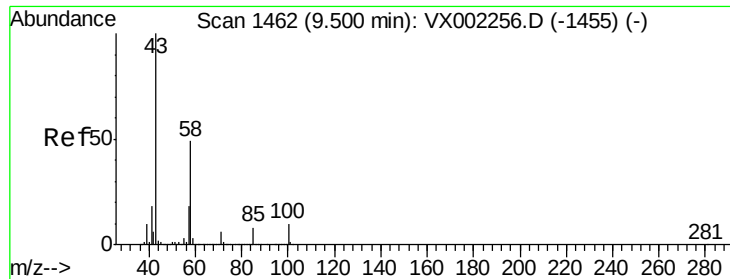
Tgt Ion: 76 Resp: 28080
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.07 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion: 63 Resp: 60257
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

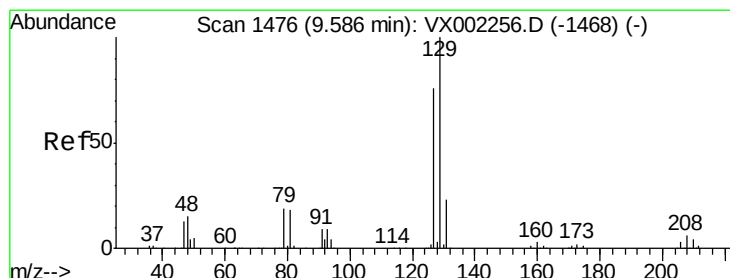
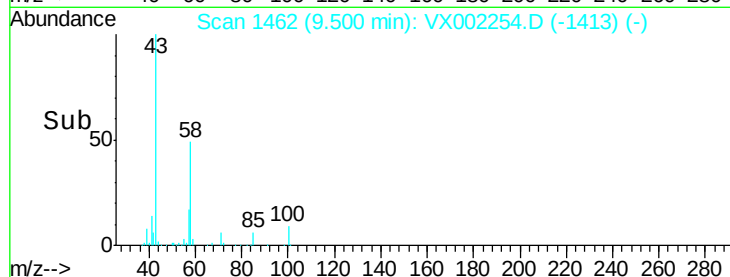
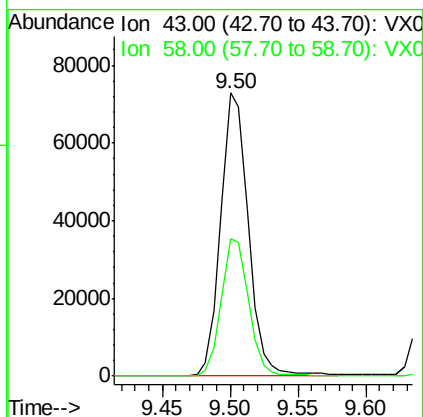
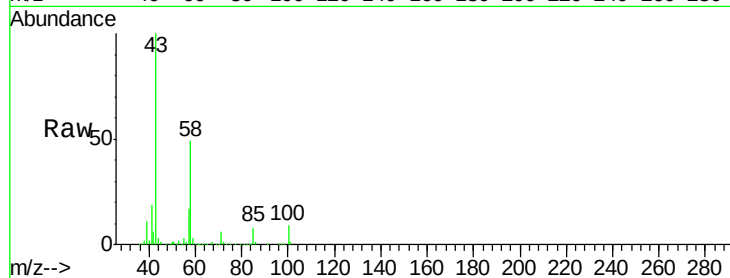




#59
2-Hexanone
Concen: 26.91 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

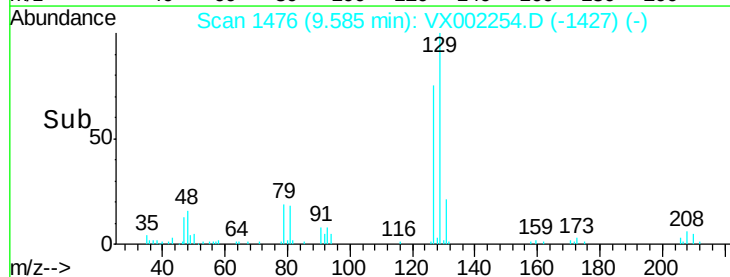
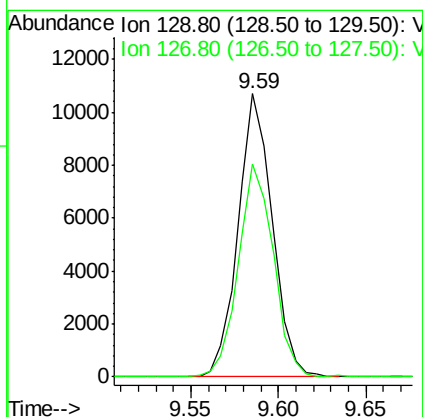
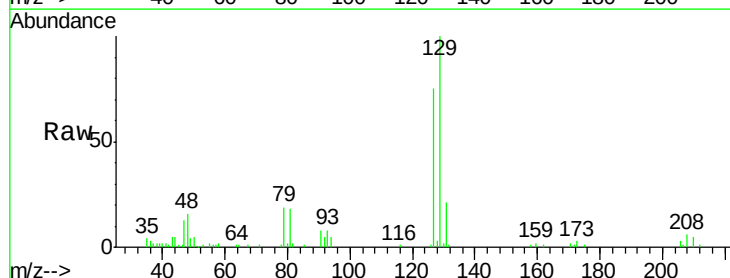
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

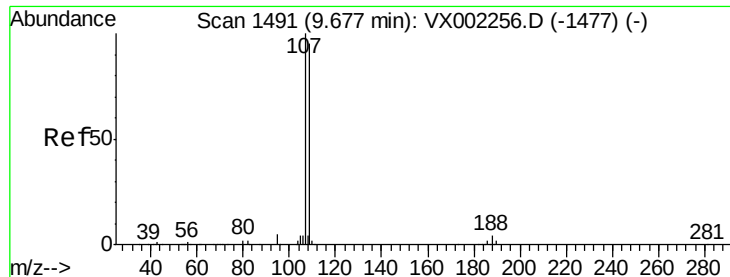
Tgt Ion: 43 Resp: 103130
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.6



#60
Dibromochloromethane
Concen: 4.62 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 129 Resp: 14550
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 5.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

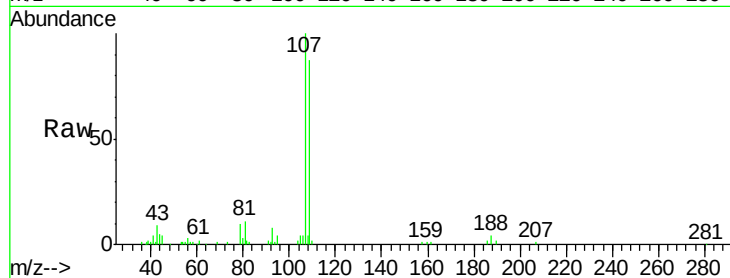
VSTDIC005

Tgt Ion: 107 Resp: 17104

Ion Ratio Lower Upper

107 100

109 92.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

15000

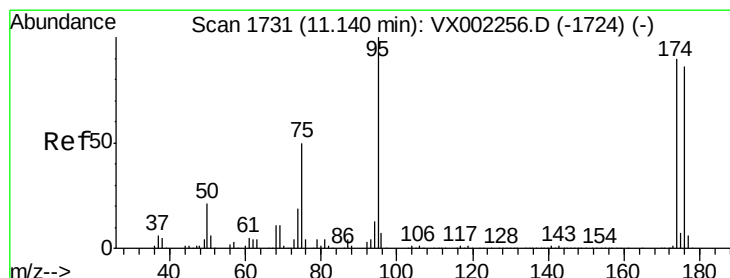
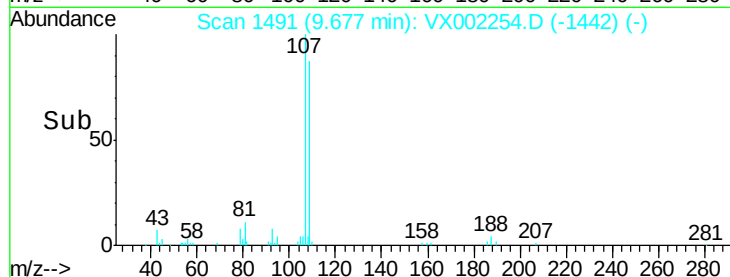
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 4.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

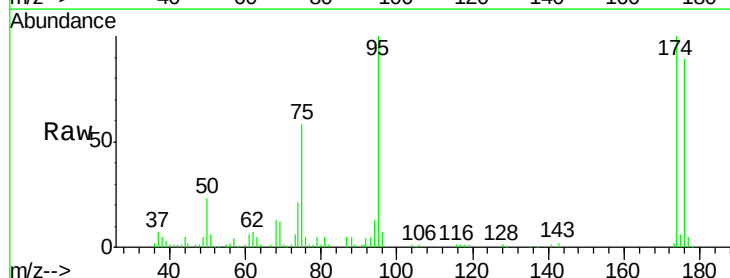
Tgt Ion: 95 Resp: 20077

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 92.3 0.0 181.0



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

11.14

20000

15000

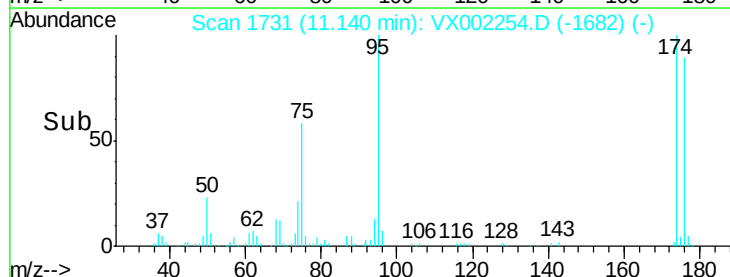
10000

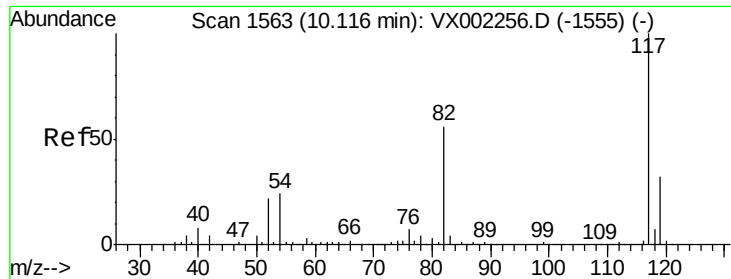
5000

0

Time-->

11.10 11.15 11.20

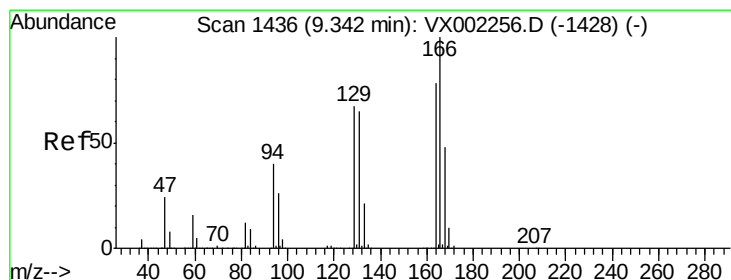
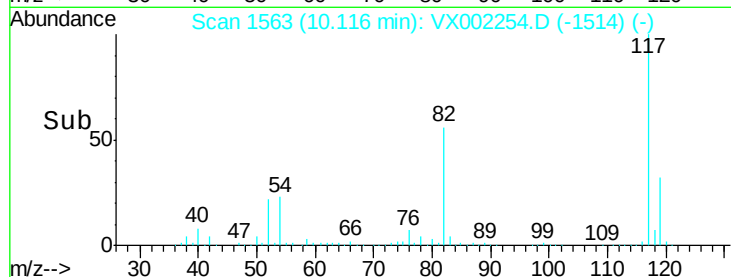
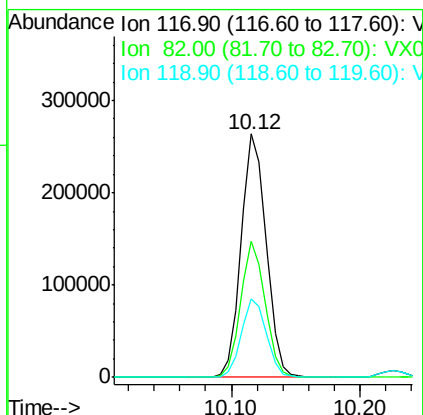
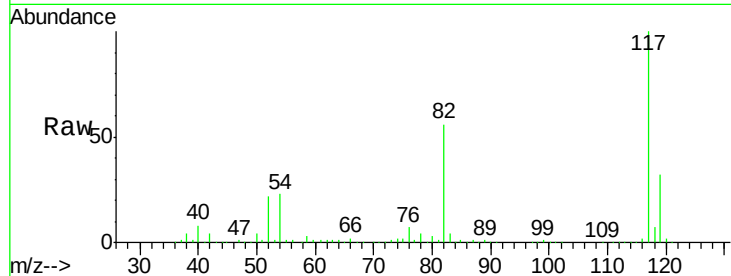




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

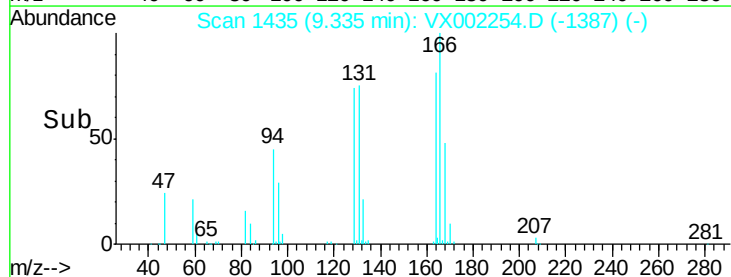
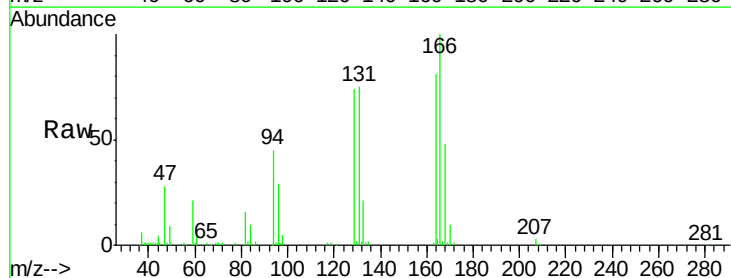
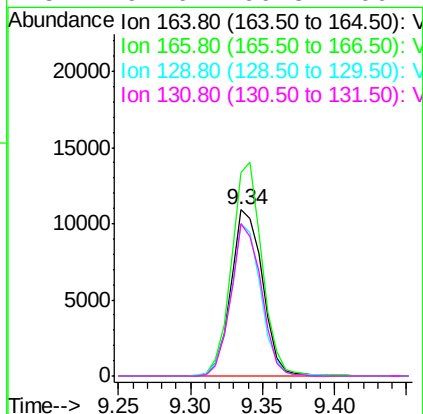
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

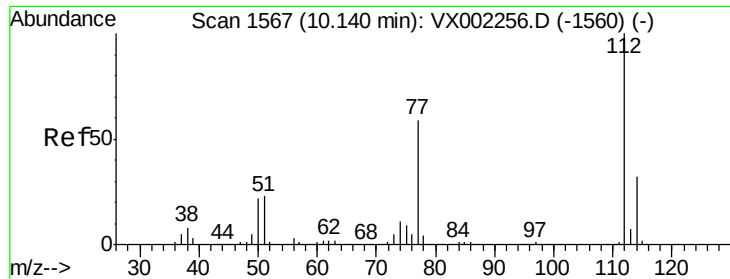
Tgt Ion:117 Resp: 354269
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 4.60 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion:164 Resp: 16819
Ion Ratio Lower Upper
164 100
166 122.9 102.9 154.3
129 91.5 68.6 102.8
131 91.6 66.8 100.2

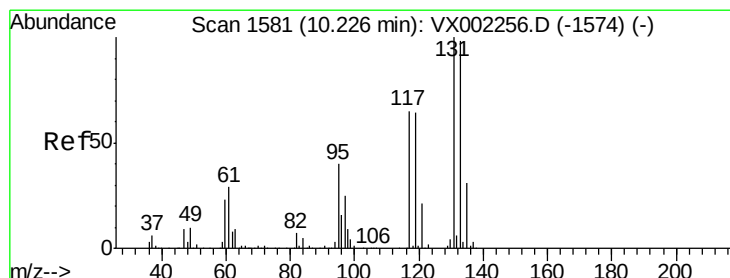
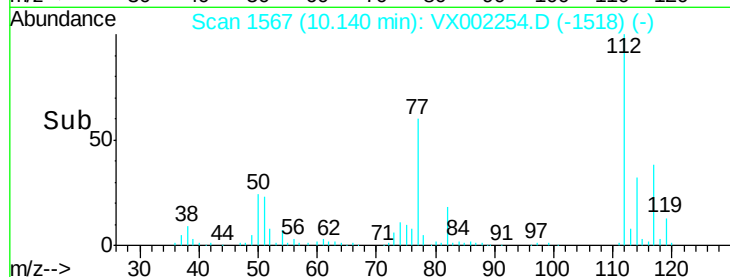
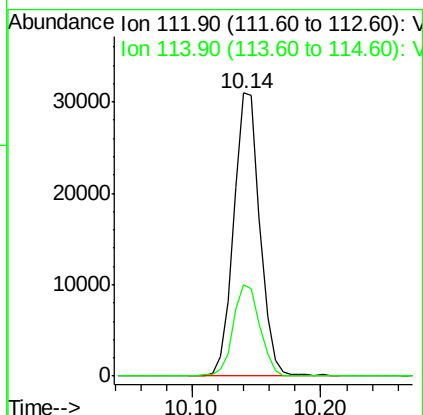
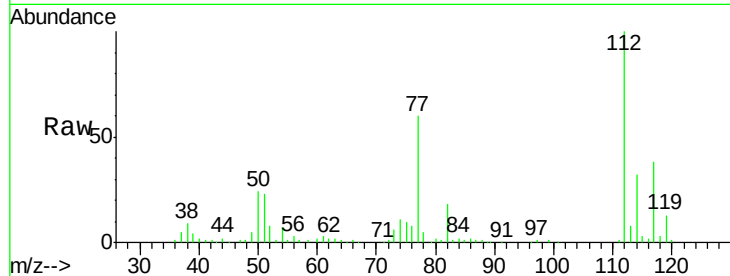




#65
Chlorobenzene
Concen: 4.99 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

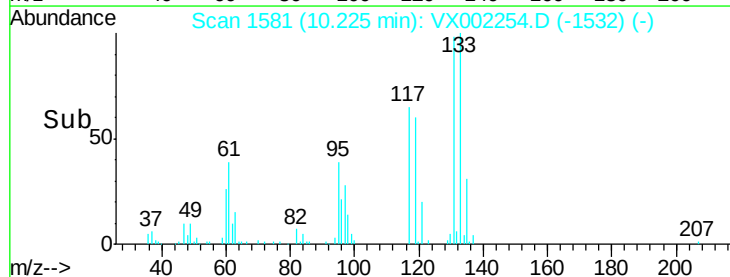
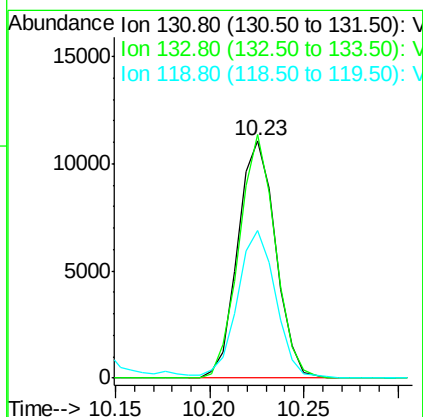
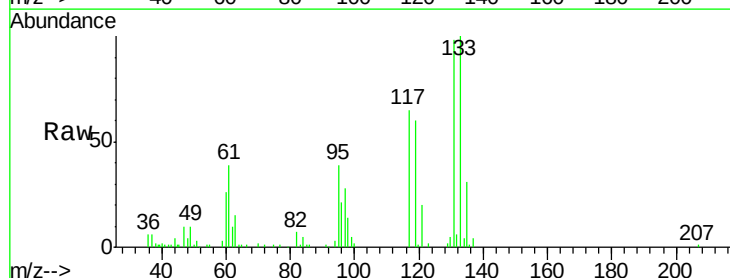
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

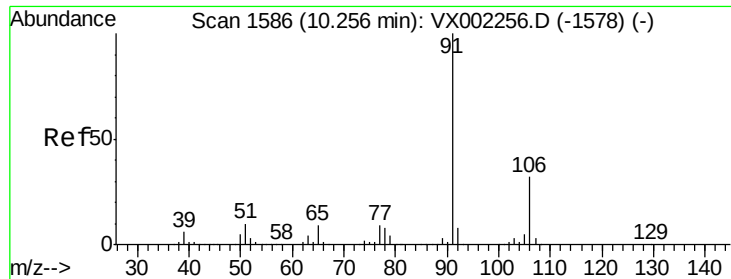
Tgt Ion:112 Resp: 43963
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.82 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion:131 Resp: 15397
Ion Ratio Lower Upper
131 100
133 98.4 47.9 143.6
119 63.1 31.8 95.3

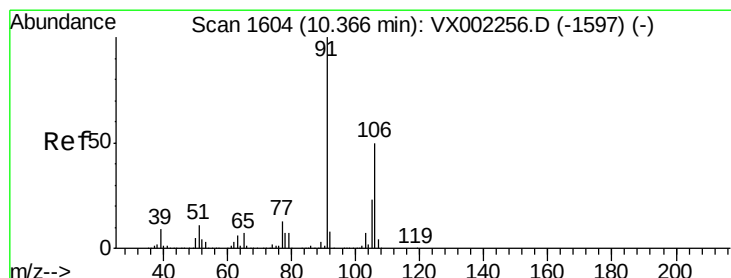
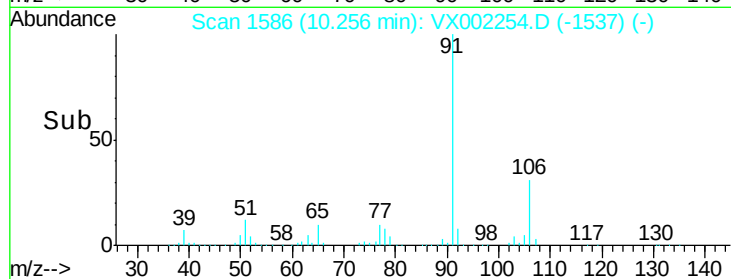
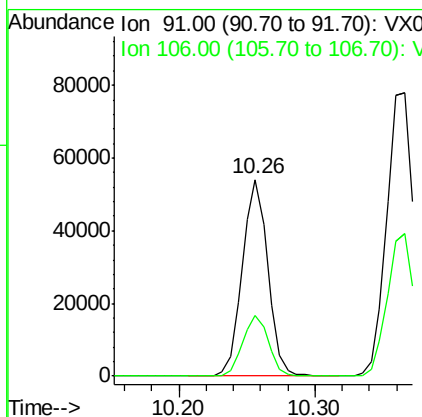
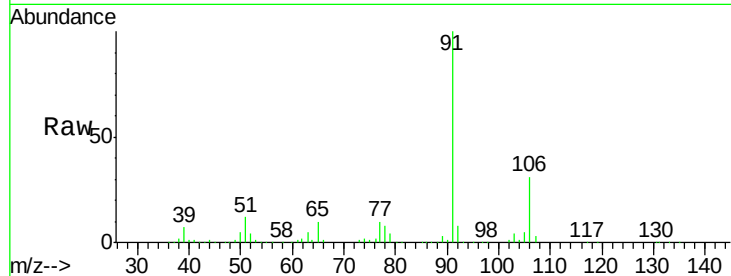




#67
Ethyl Benzene
Concen: 4.81 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

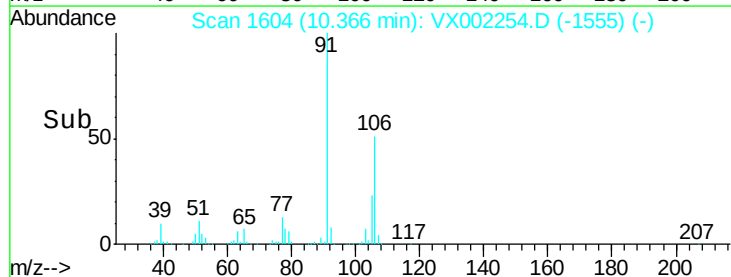
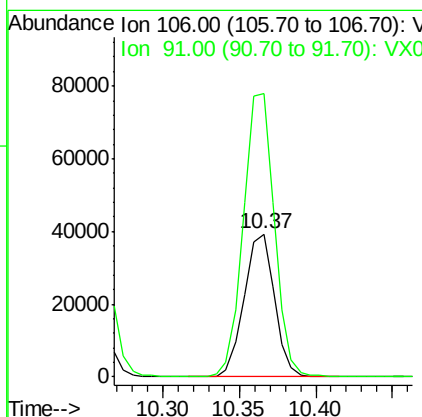
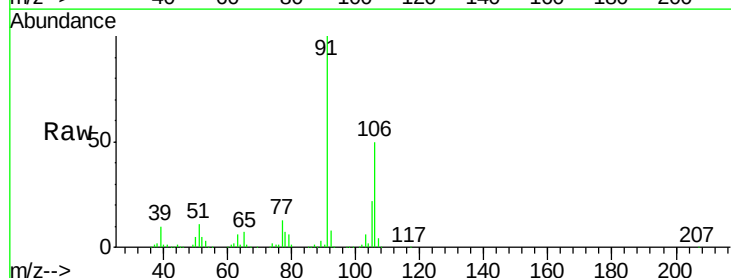
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

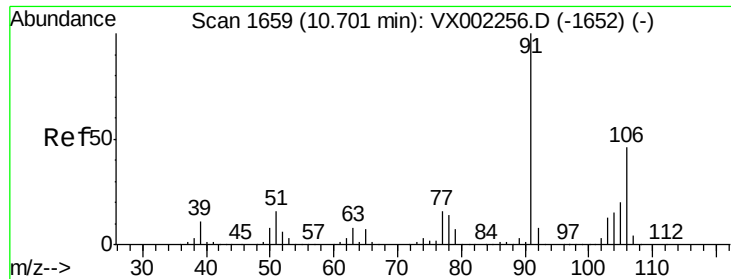
Tgt Ion: 91 Resp: 70898
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 9.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 106 Resp: 54306
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2

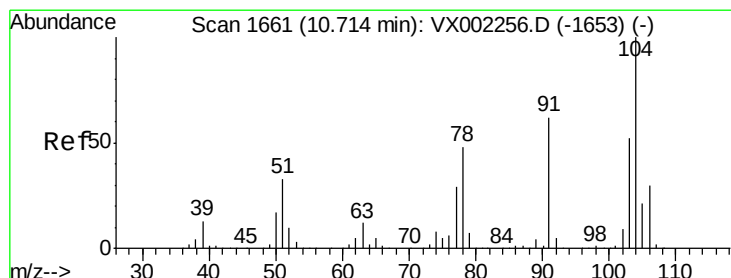
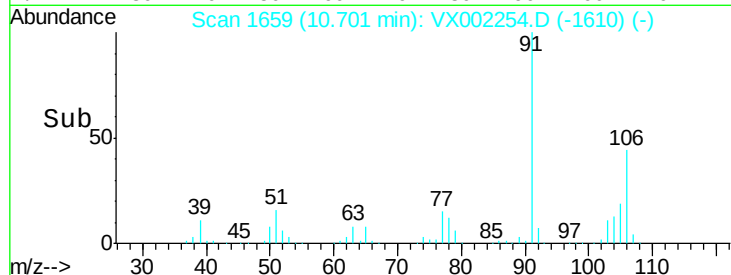
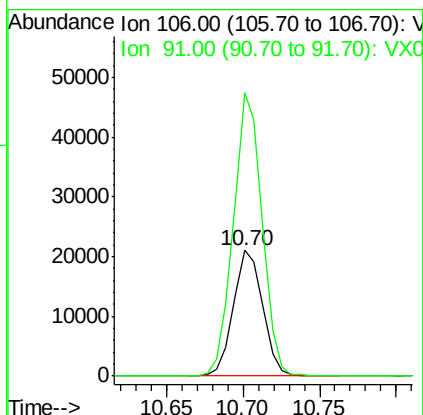
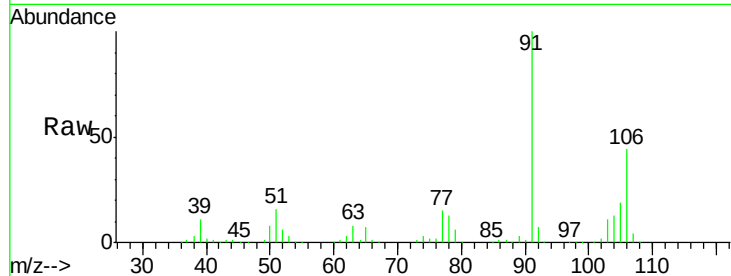




#69
o-Xylene
Concen: 4.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

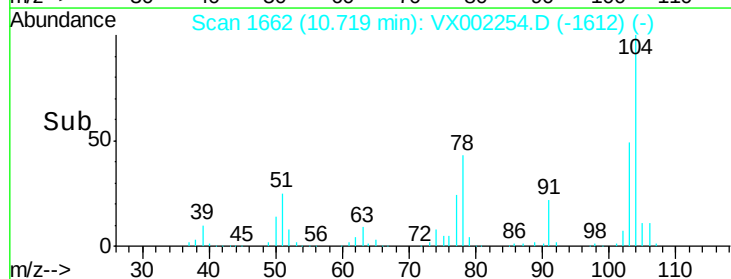
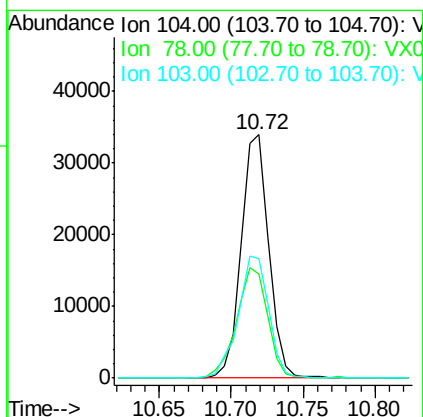
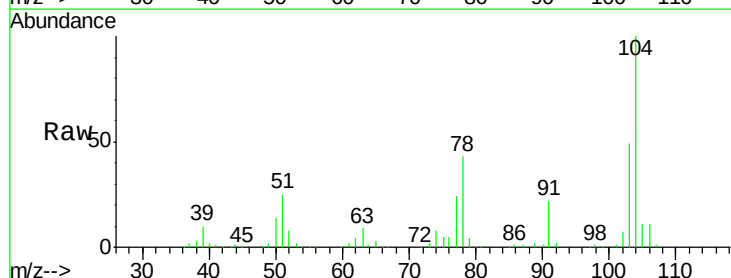
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

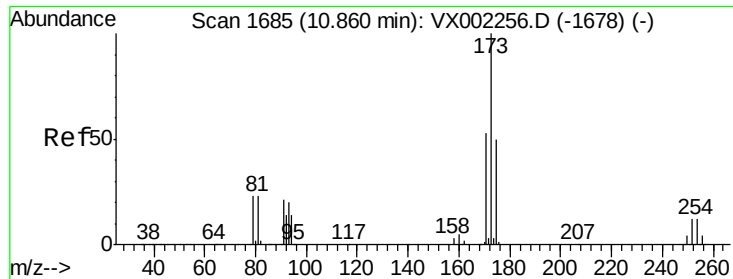
Tgt Ion:106 Resp: 28000
Ion Ratio Lower Upper
106 100
91 220.9 108.2 324.6



#70
Styrene
Concen: 4.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion:104 Resp: 45121
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 4.17 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

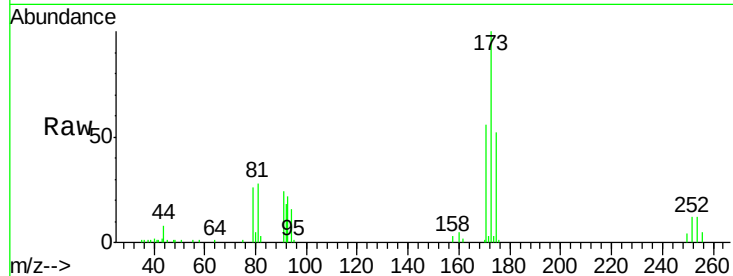
Tgt Ion:173 Resp: 10557

Ion Ratio Lower Upper

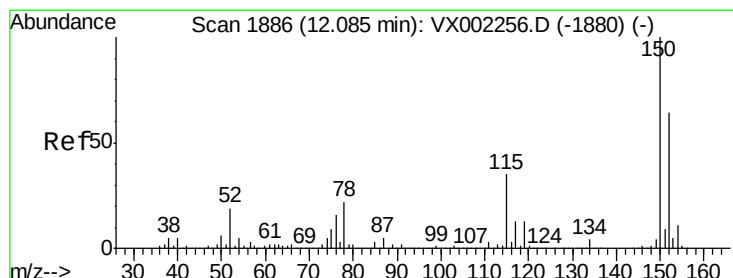
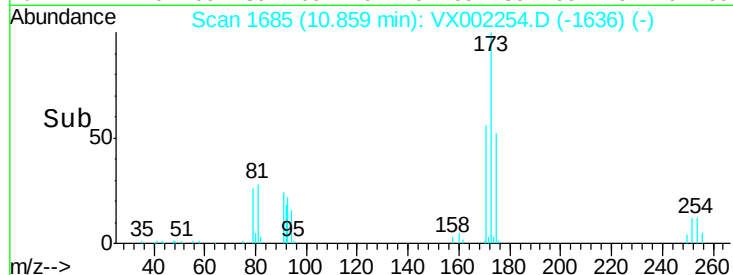
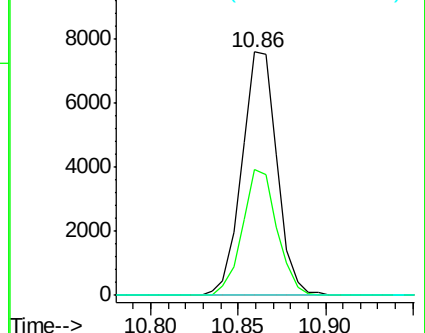
173 100

175 51.2 24.7 74.1

254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

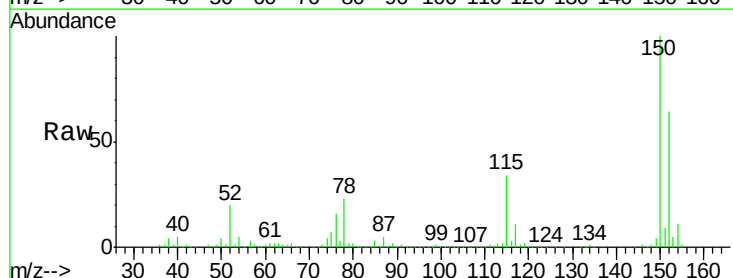
Tgt Ion:152 Resp: 197436

Ion Ratio Lower Upper

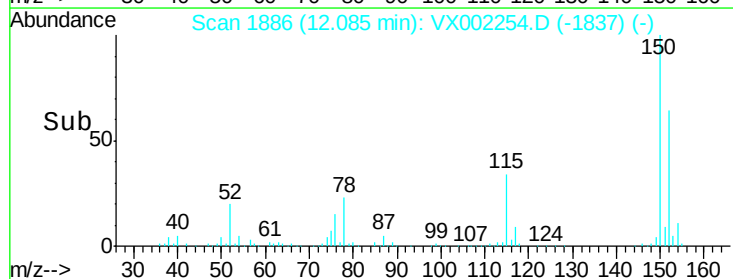
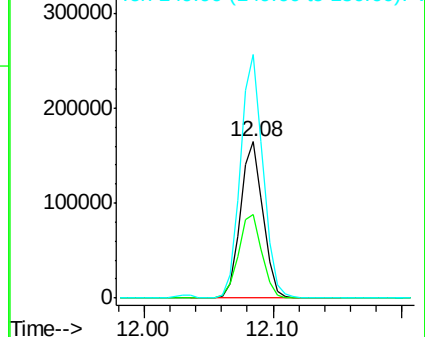
152 100

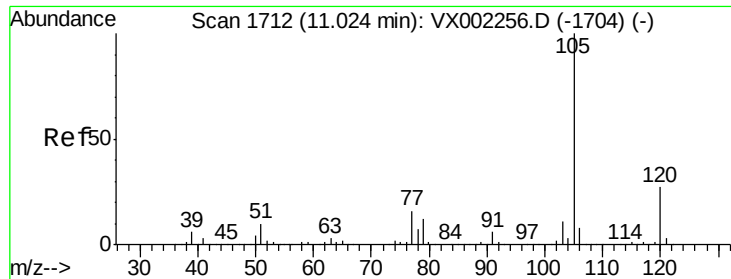
115 56.7 40.1 120.2

150 157.4 0.0 347.2



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

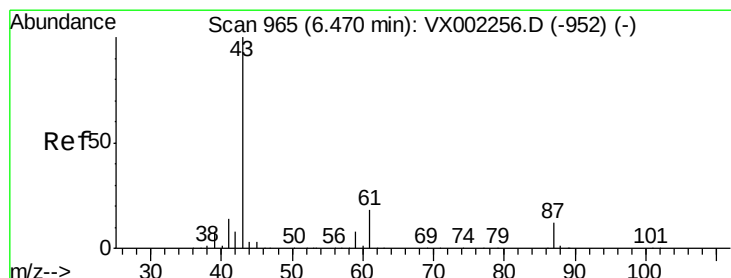
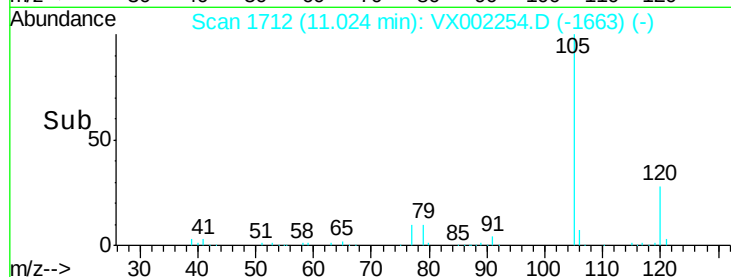
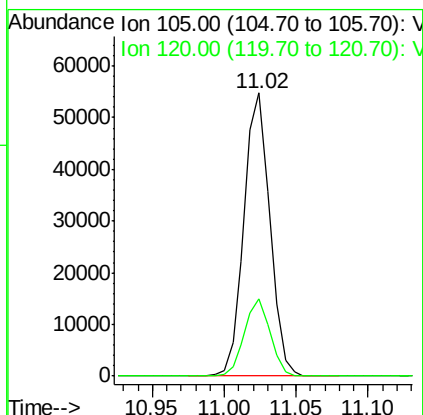
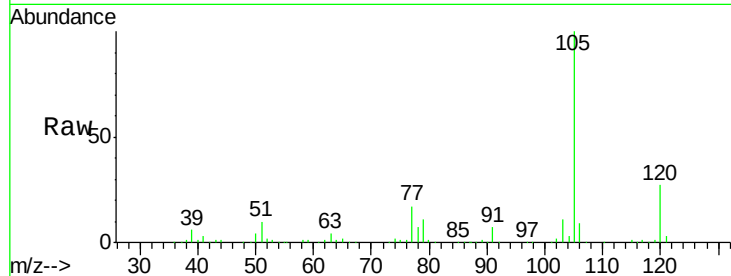




#73
Isopropylbenzene
Concen: 4.98 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

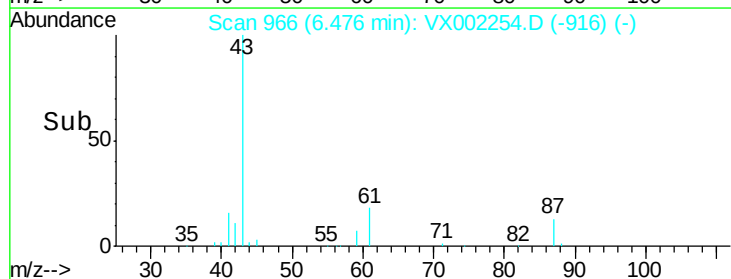
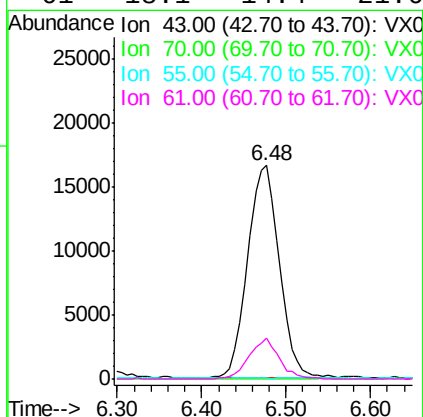
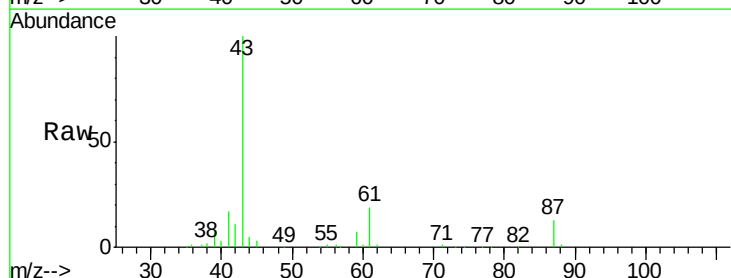
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

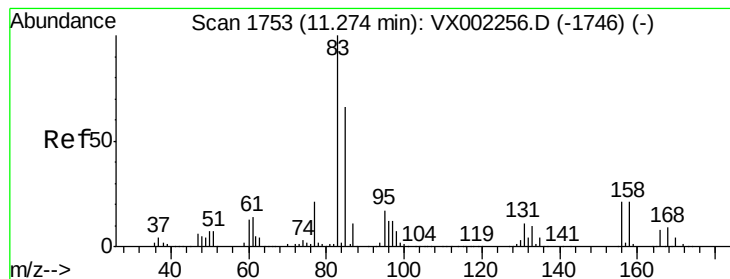
Tgt Ion: 105 Resp: 68338
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 5.73 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002254.D
Acq: 04 Jun 2018 10:33

Tgt Ion: 43 Resp: 42404
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.3 0.0 0.0#
61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.74 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

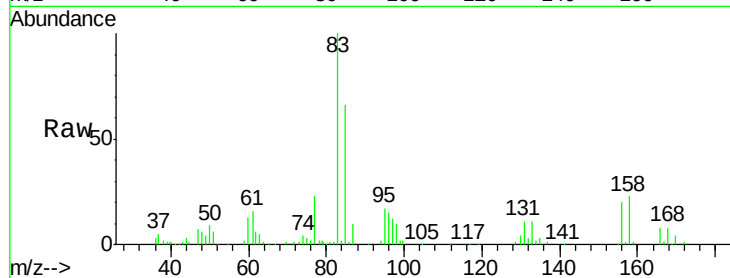
Tgt Ion: 83 Resp: 24814

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

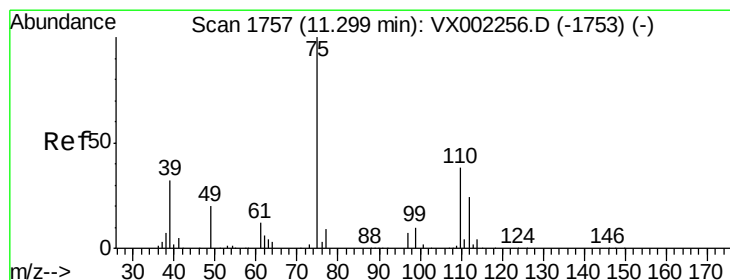
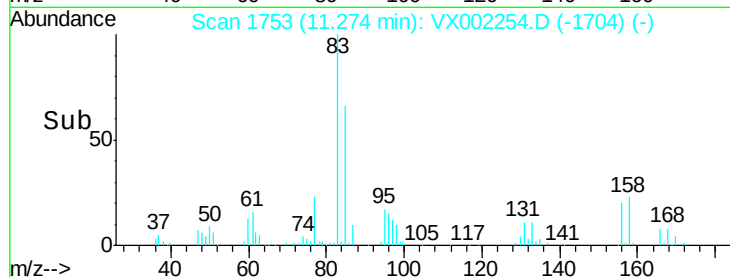
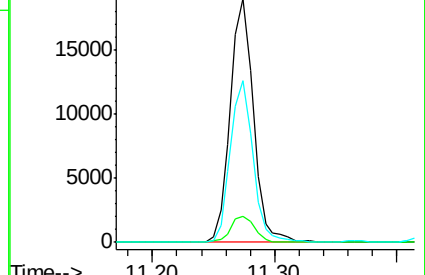
85 65.4 32.4 97.2



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: 7.15 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002254.D

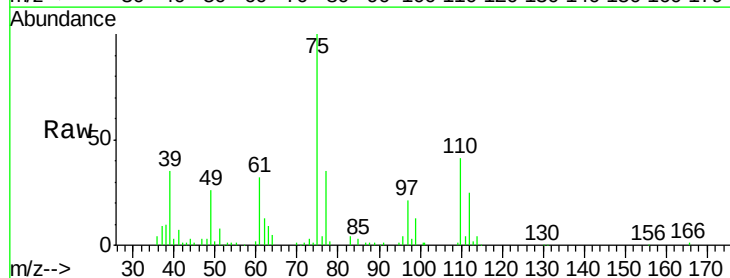
Acq: 04 Jun 2018 10:33

Tgt Ion: 75 Resp: 28299

Ion Ratio Lower Upper

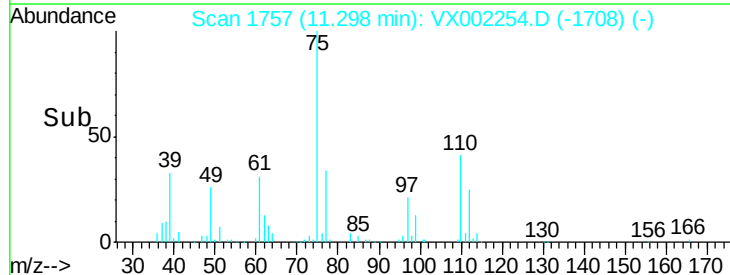
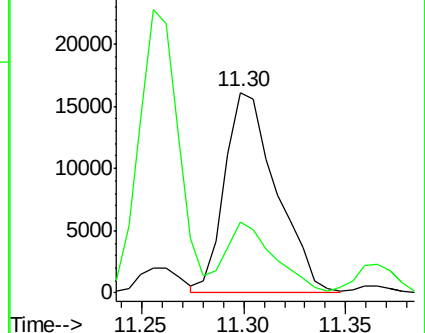
75 100

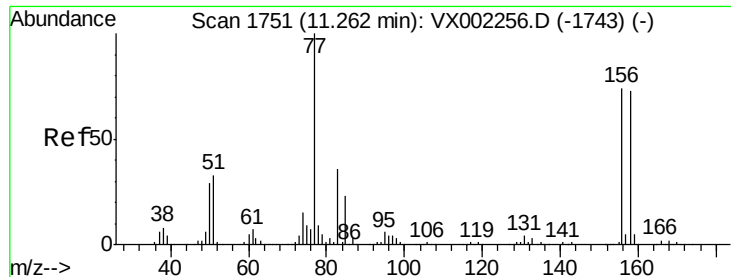
77 33.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

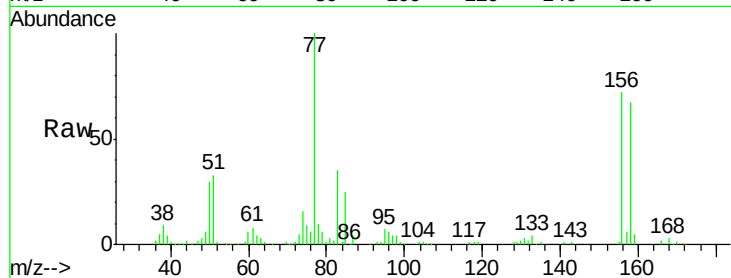
Tgt Ion:156 Resp: 20817

Ion Ratio Lower Upper

156 100

77 146.1 71.4 214.2

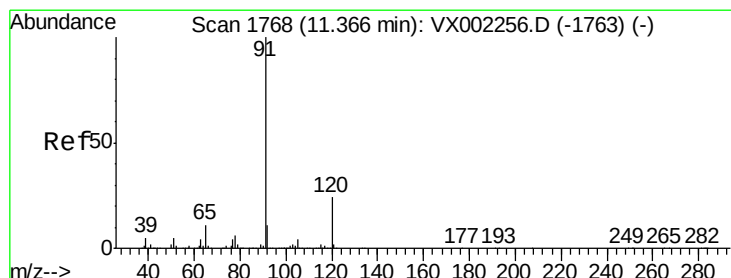
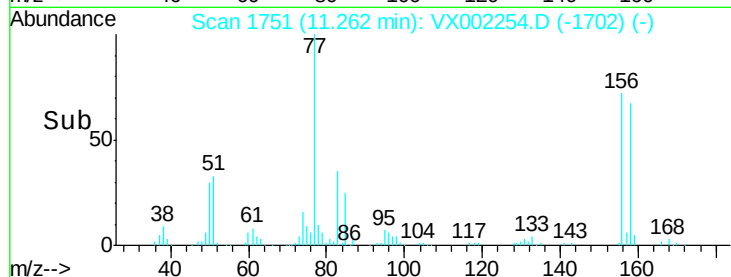
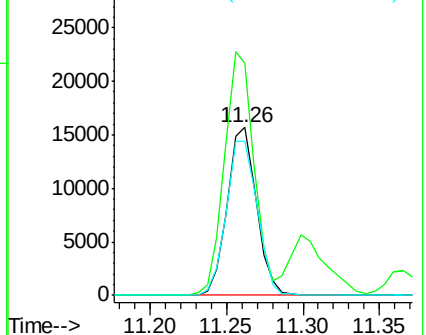
158 97.1 48.9 146.6



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: 4.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002254.D

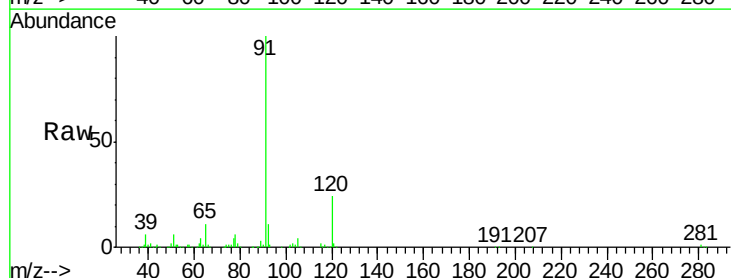
Acq: 04 Jun 2018 10:33

Tgt Ion: 91 Resp: 71432

Ion Ratio Lower Upper

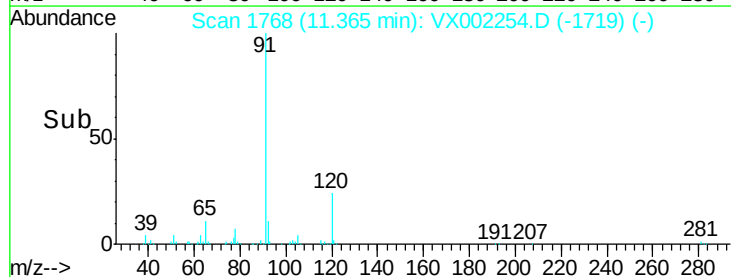
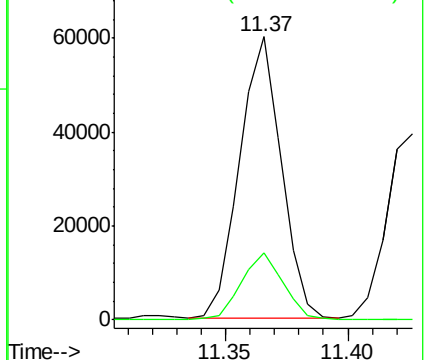
91 100

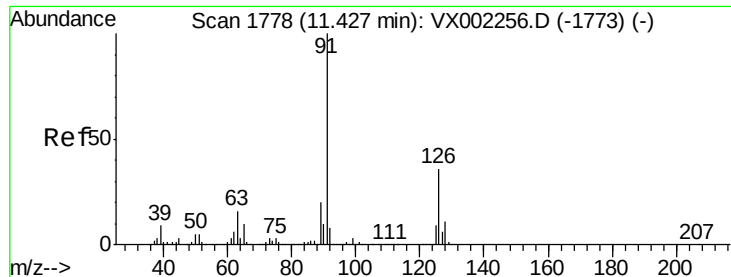
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

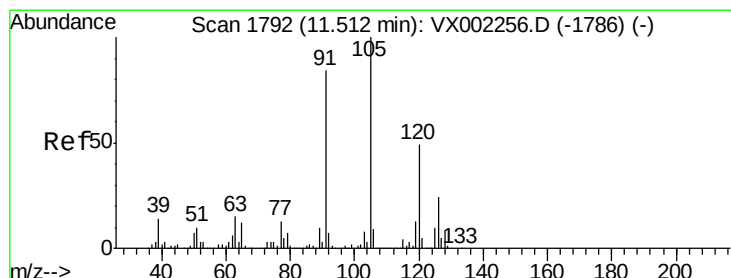
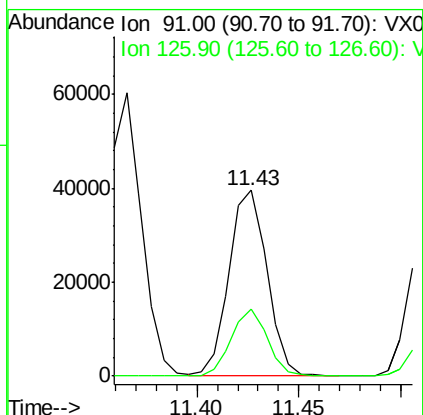
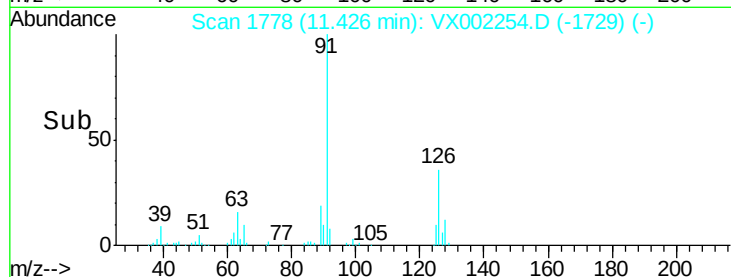
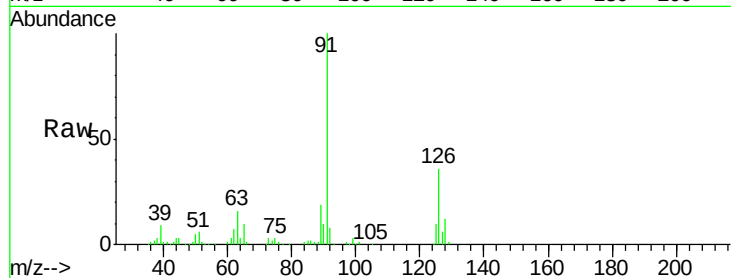
VSTDIC005

Tgt Ion: 91 Resp: 50530

Ion Ratio Lower Upper

91 100

126 34.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 5.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002254.D

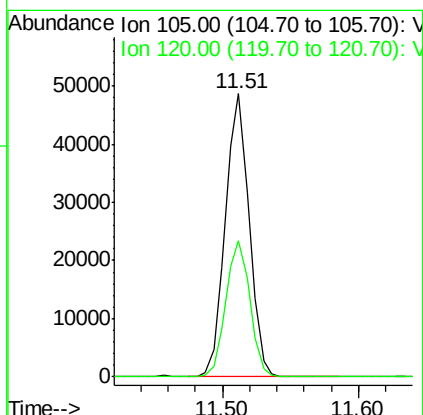
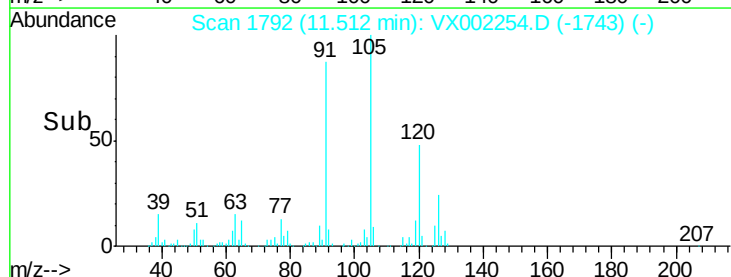
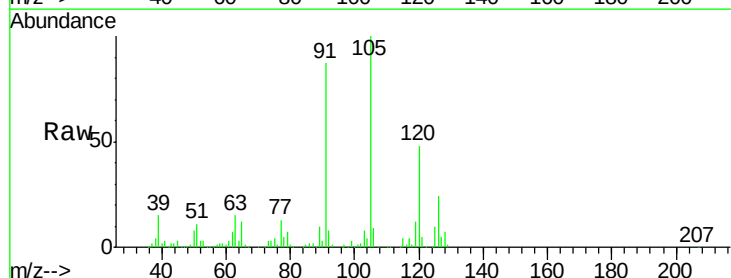
Acq: 04 Jun 2018 10:33

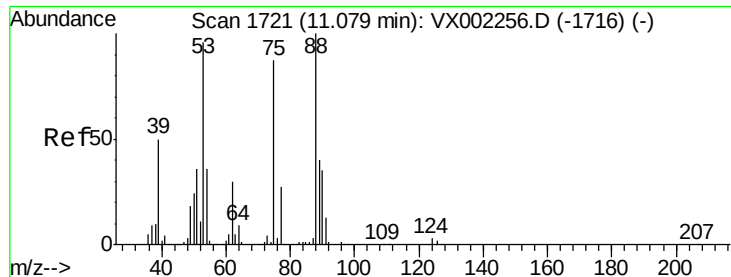
Tgt Ion: 105 Resp: 59178

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

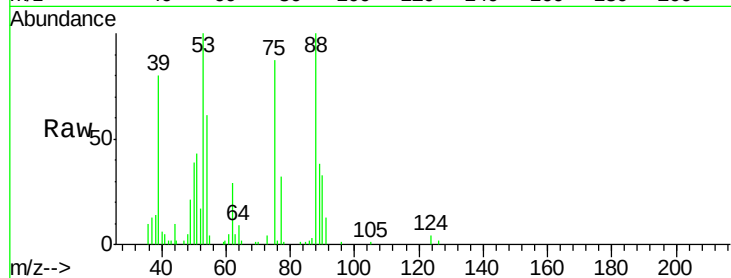
Tgt Ion: 75 Resp: 5951

Ion Ratio Lower Upper

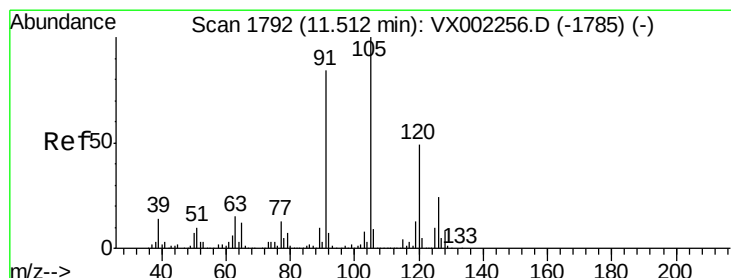
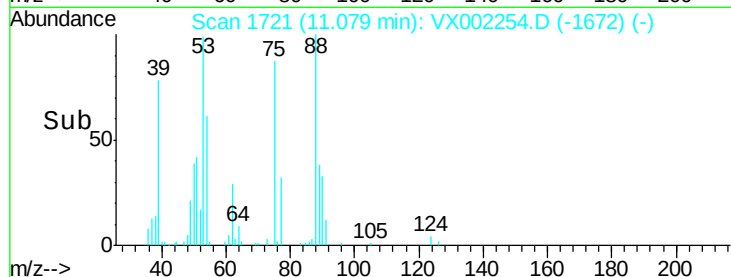
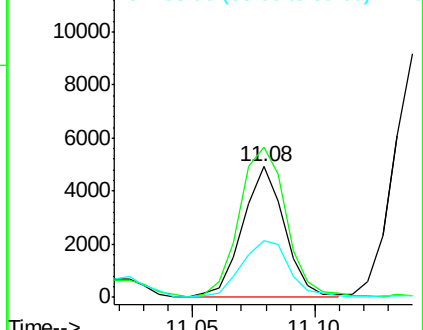
75 100

53 128.1 86.8 130.2

89 49.5 38.2 57.2



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: 5.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002254.D

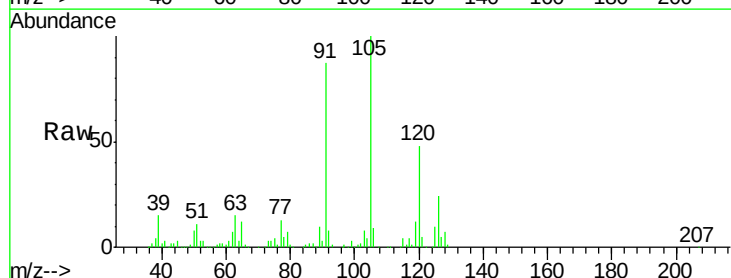
Acq: 04 Jun 2018 10:33

Tgt Ion: 91 Resp: 56363

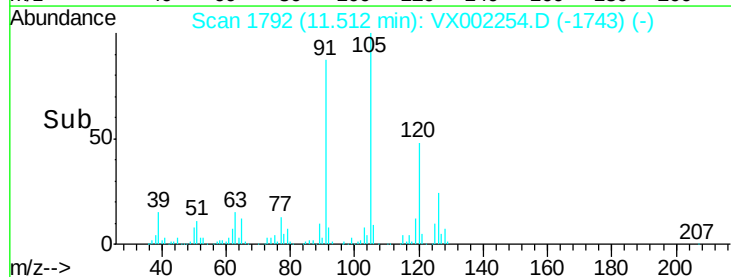
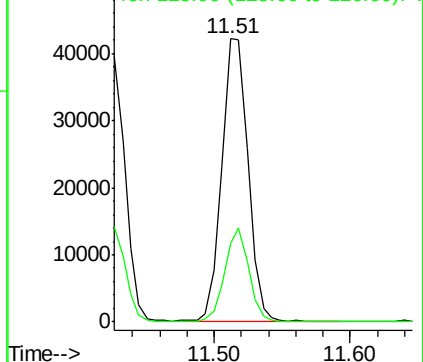
Ion Ratio Lower Upper

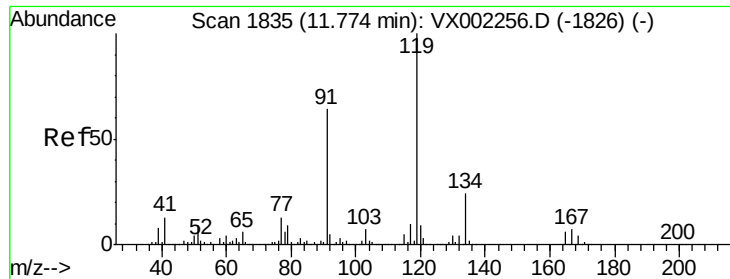
91 100

126 30.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

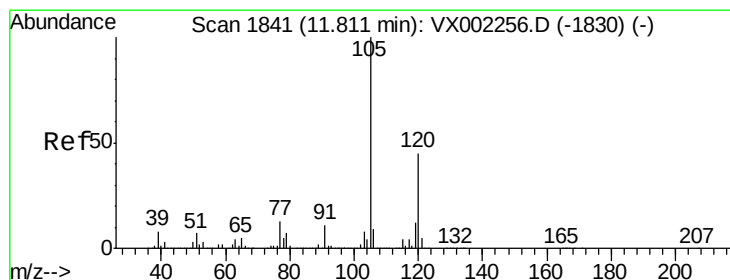
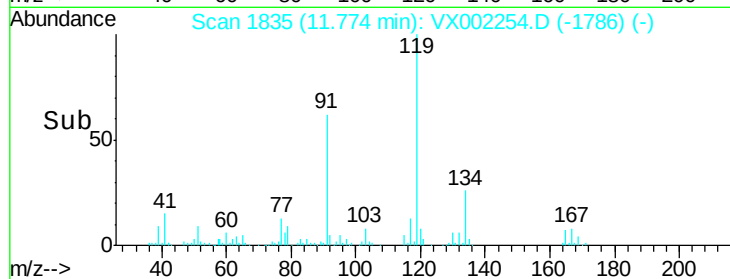
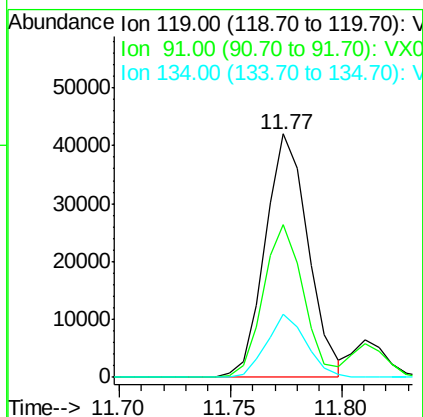
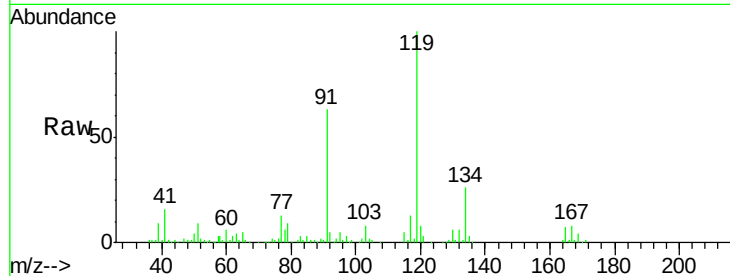




#83
 tert-Butylbenzene
 Concen: 4.90 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

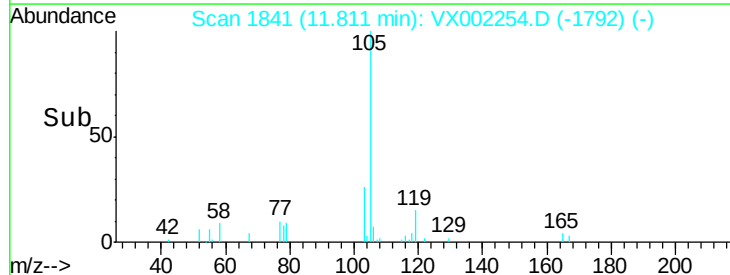
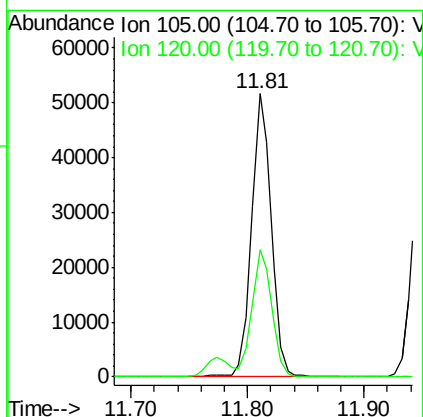
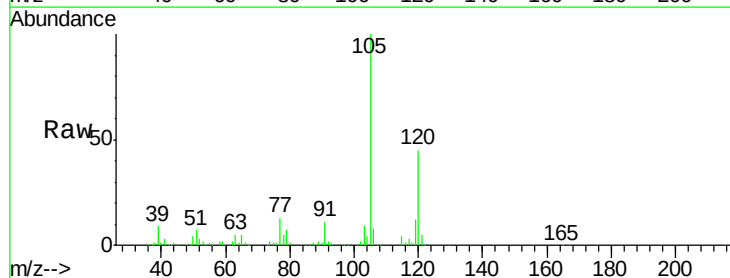
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

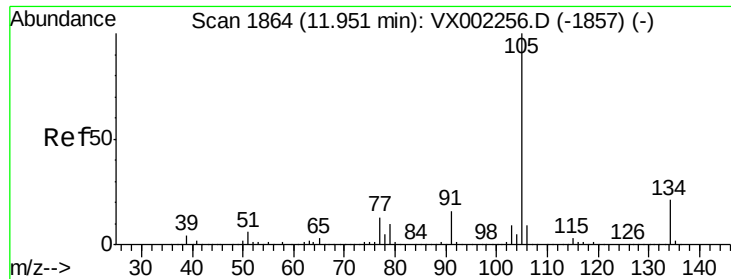
Tgt Ion:119 Resp: 56233
 Ion Ratio Lower Upper
 119 100
 91 59.5 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion:105 Resp: 61141
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 4.41 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

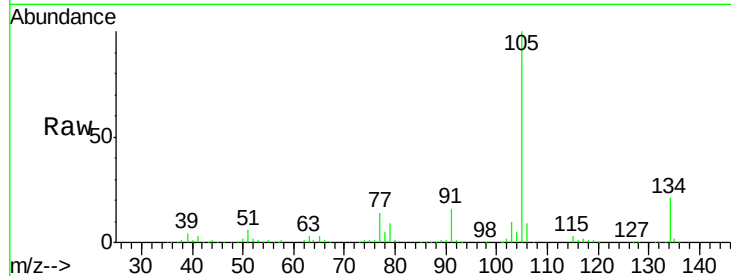
VSTDIC005

Tgt Ion:105 Resp: 59315

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

60000

50000

40000

30000

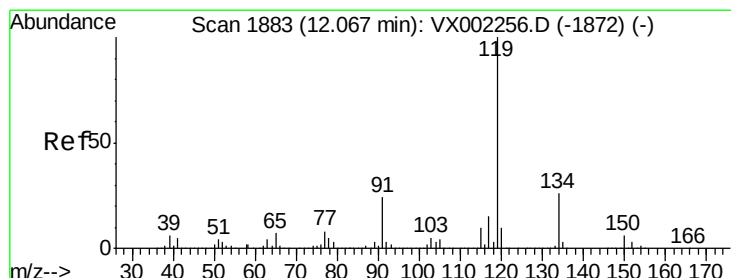
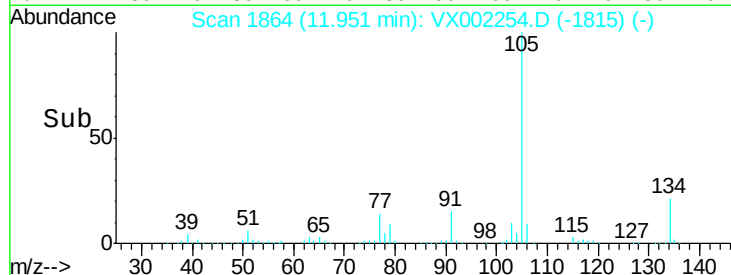
20000

10000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 4.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

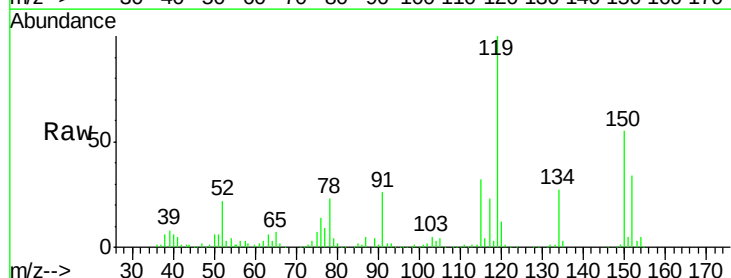
Tgt Ion:119 Resp: 55229

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 25.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

60000

50000

40000

30000

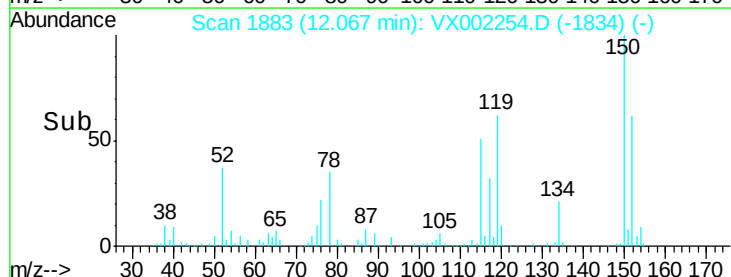
20000

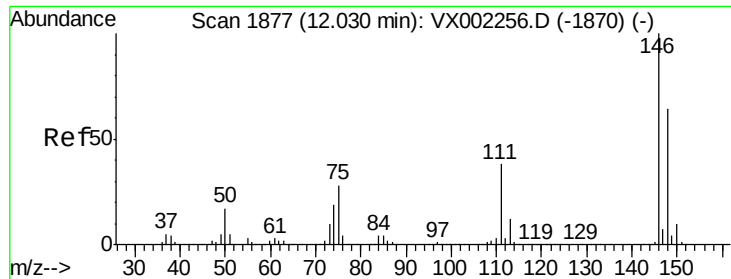
10000

0

12.00 12.05 12.10

Time-->

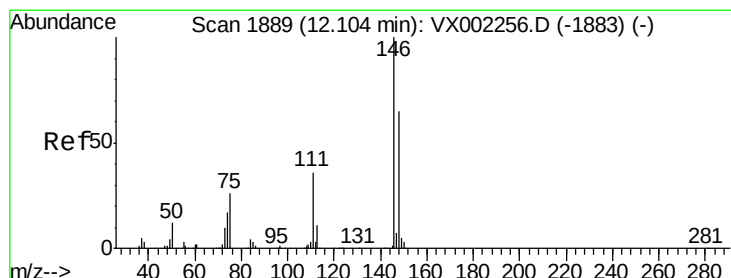
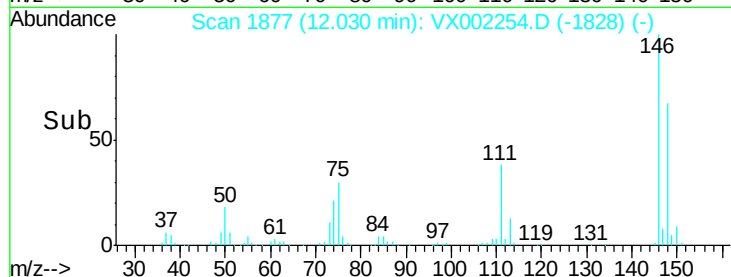
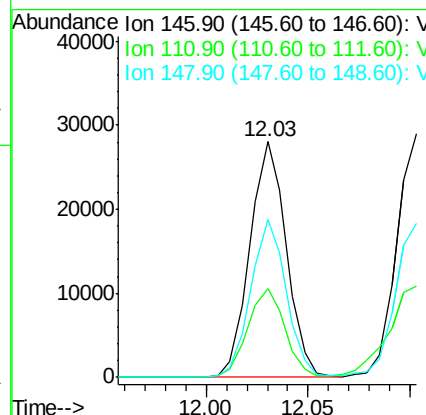
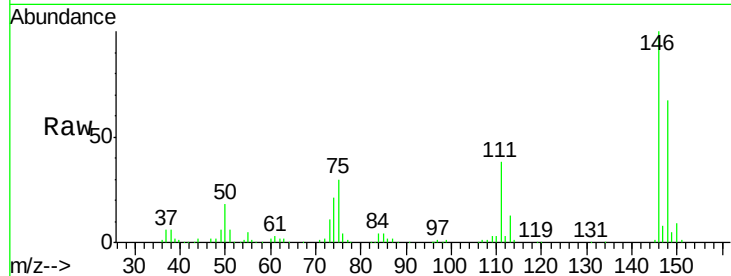




#87
 1,3-Dichlorobenzene
 Concen: 5.05 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

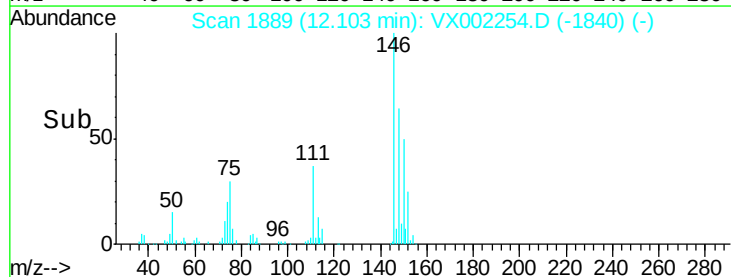
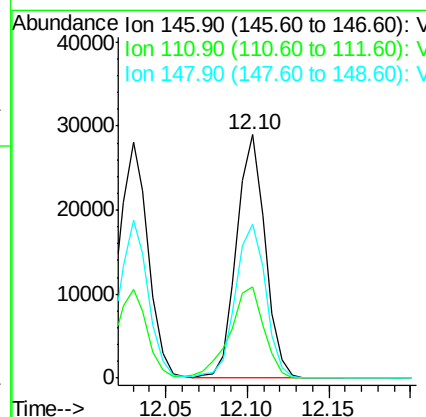
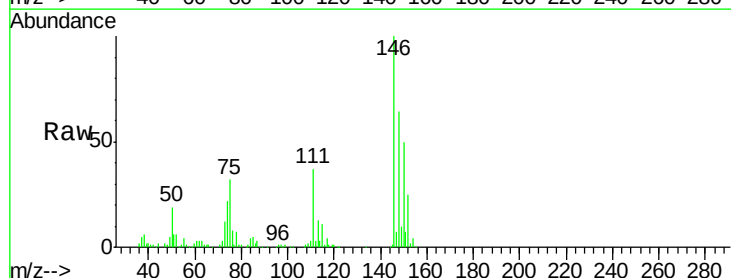
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

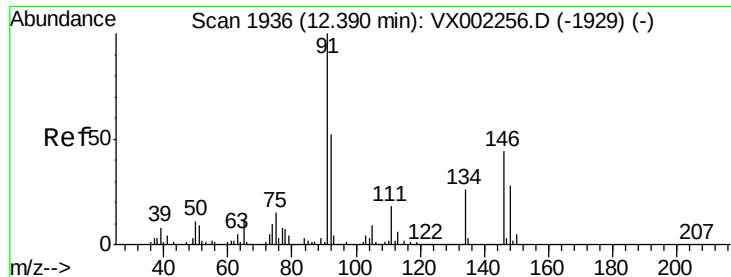
Tgt Ion:146 Resp: 34850
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.7
 148 65.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 4.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion:146 Resp: 35419
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.7 56.1
 148 67.1 32.4 97.0





#89

n-Butylbenzene

Concen: 3.89 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

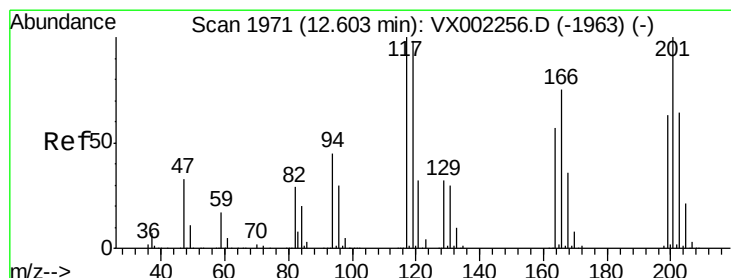
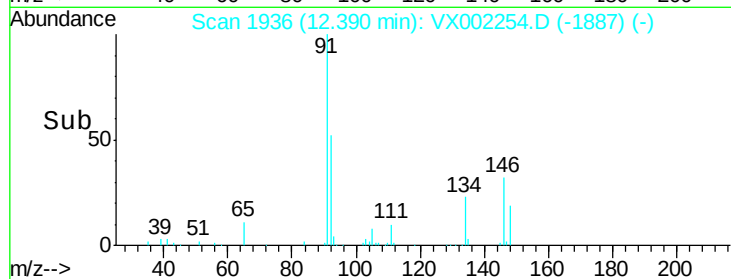
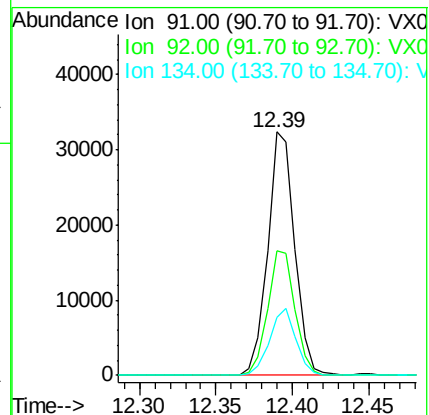
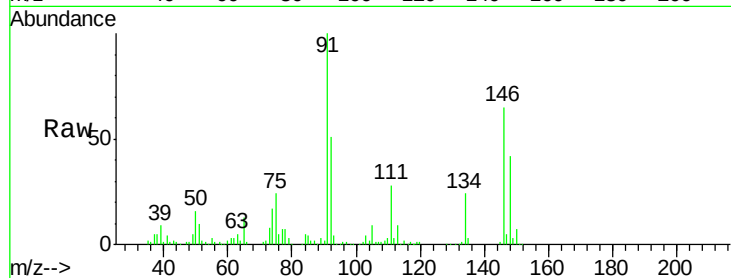
Tgt Ion: 91 Resp: 40007

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 4.33 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002254.D

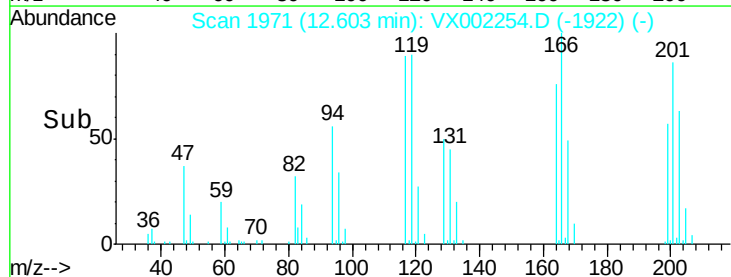
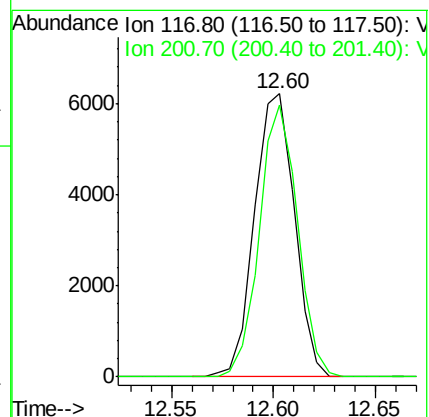
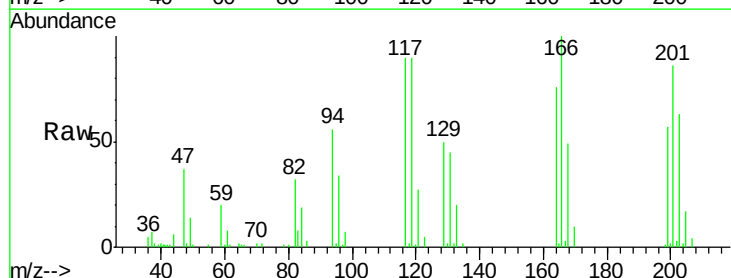
Acq: 04 Jun 2018 10:33

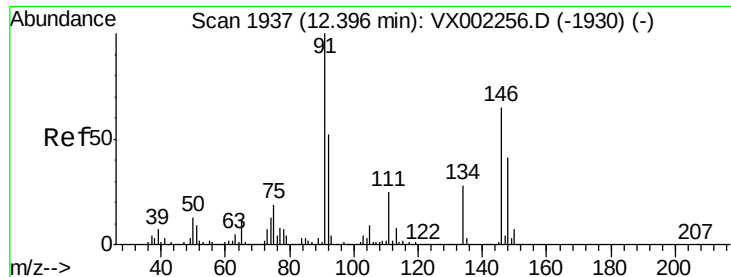
Tgt Ion: 117 Resp: 8475

Ion Ratio Lower Upper

117 100

201 91.7 49.0 147.0

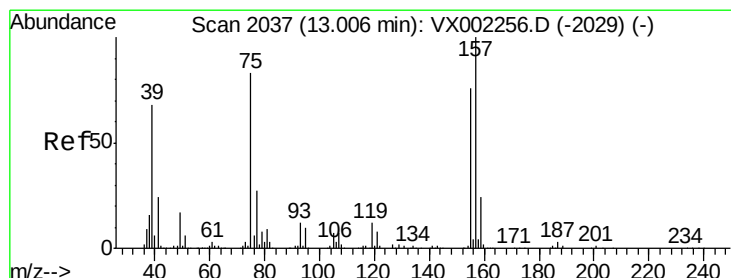
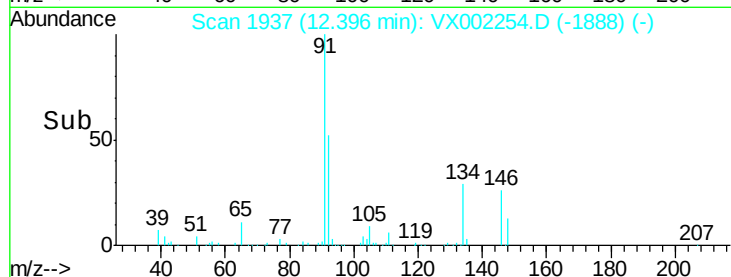
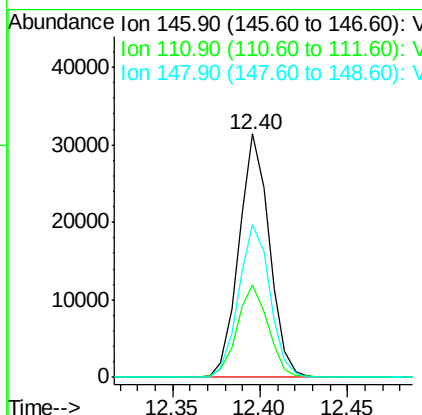
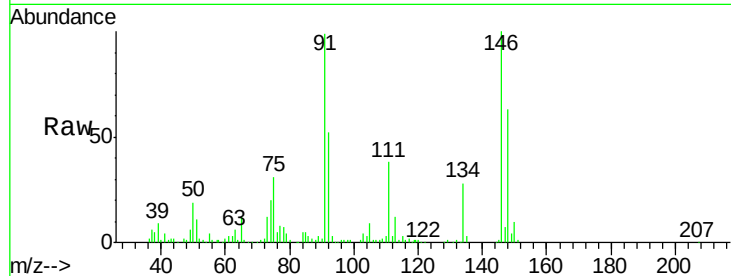




#91
 1,2-Dichlorobenzene
 Concen: 5.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

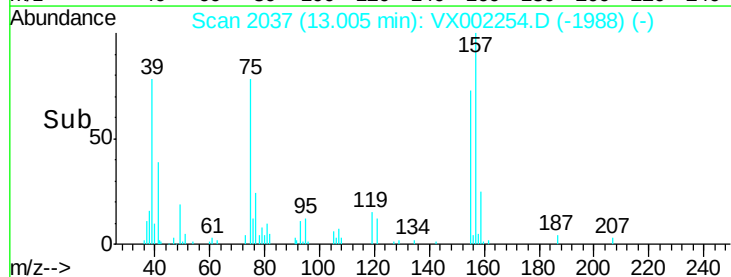
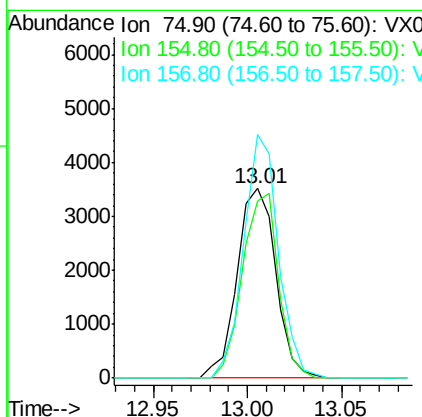
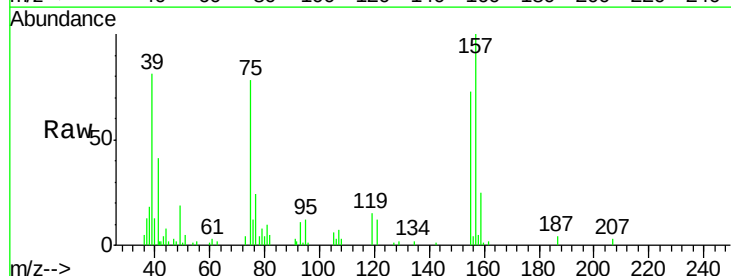
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

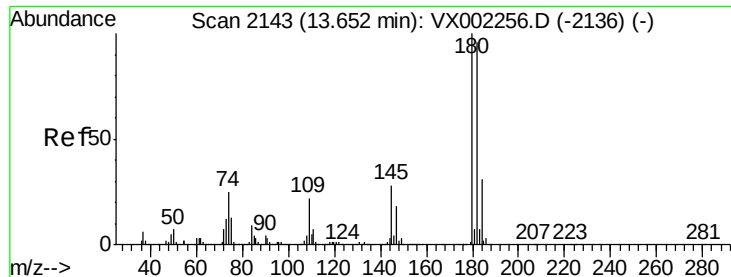
Tgt Ion: 146 Resp: 38027
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion: 75 Resp: 5029
 Ion Ratio Lower Upper
 75 100
 155 90.2 45.8 137.4
 157 115.0 60.1 180.3

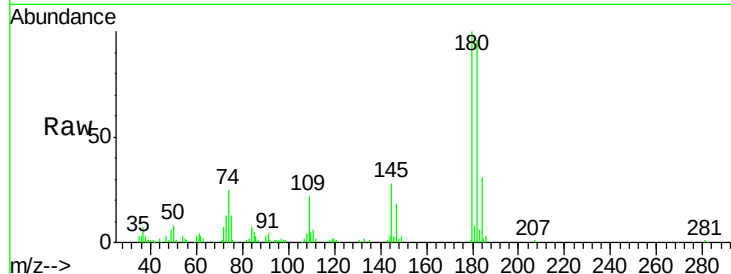




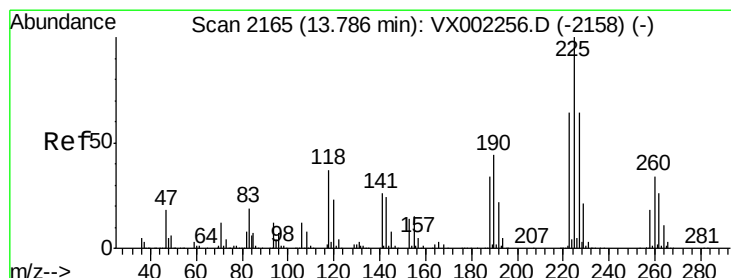
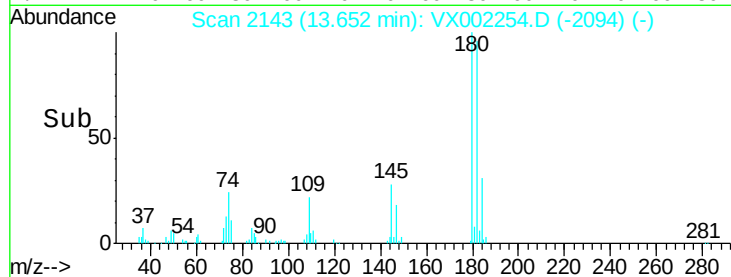
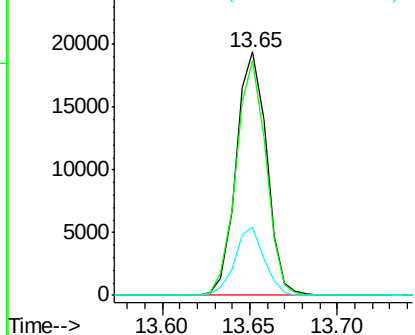
#93
 1,2,4-Trichlorobenzene
 Concen: 4.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 23561
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 27.0 14.1 42.4

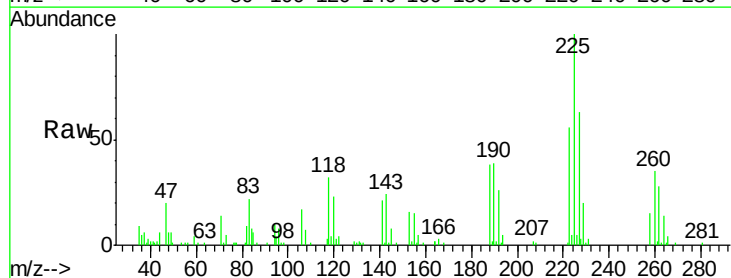


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

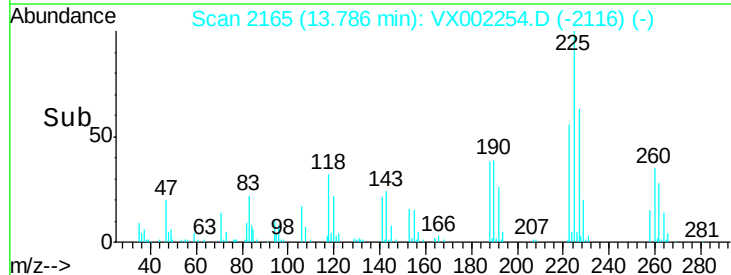
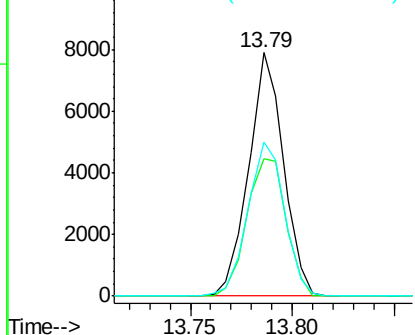


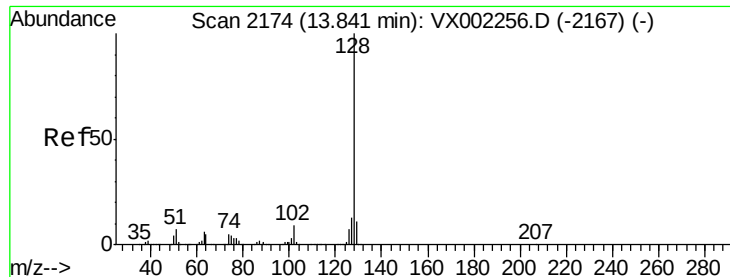
#94
 Hexachlorobutadiene
 Concen: 3.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002254.D
 Acq: 04 Jun 2018 10:33

Tgt Ion:225 Resp: 9376
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 66.8 32.4 97.2



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: 5.14 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

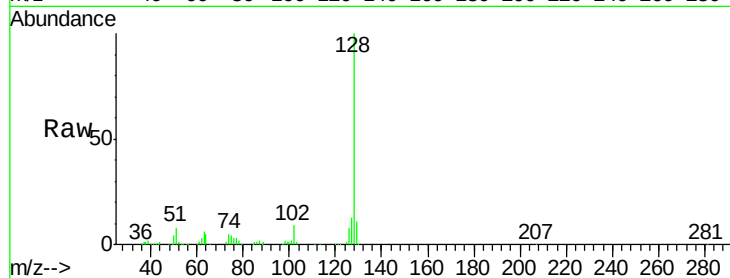
Tgt Ion:128 Resp: 73909

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

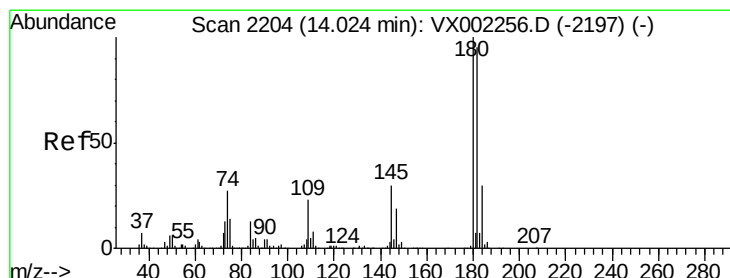
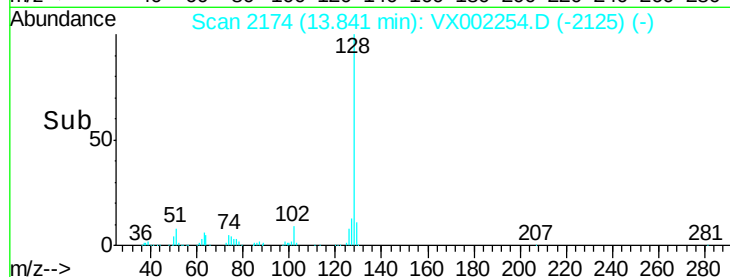
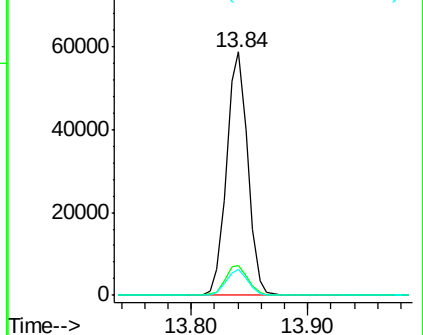
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.84 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002254.D

Acq: 04 Jun 2018 10:33

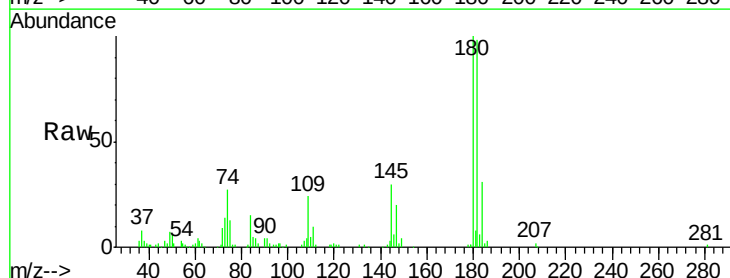
Tgt Ion:180 Resp: 24712

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.0

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

