

Data File : VX002255.D
Acq On : 04 Jun 2018 10:59
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jun 05 02:07:35 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	299102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	240256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	92307	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	
35) Dibromofluoromethane	5.51	113	70245	20.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.26%	
50) Toluene-d8	8.72	98	269927	20.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.38%	
62) 4-Bromofluorobenzene	11.14	95	98980	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	69420	22.33	ug/l	99
3) Chloromethane	1.32	50	80688	19.72	ug/l	99
4) Vinyl Chloride	1.41	62	81127	20.70	ug/l	100
5) Bromomethane	1.64	94	50621	16.25	ug/l	99
6) Chloroethane	1.73	64	51197	20.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	130038	21.78	ug/l	98
8) Diethyl Ether	2.19	74	46511	19.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71599	22.22	ug/l	99
10) Methyl Iodide	2.51	142	84721	18.69	ug/l	99
11) Tert butyl alcohol	3.07	59	97863	102.10	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64819	20.36	ug/l	97
13) Acrolein	2.30	56	44249	95.84	ug/l	96
14) Allyl chloride	2.73	41	134271	19.43	ug/l	99
15) Acrylonitrile	3.15	53	195346	95.76	ug/l	99
16) Acetone	2.45	43	220245	102.97	ug/l	100
17) Carbon Disulfide	2.57	76	163124	19.44	ug/l	98
18) Methyl Acetate	2.78	43	92682	18.37	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	239773	19.01	ug/l	99
20) Methylene Chloride	2.86	84	73322	17.25	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	69164	19.70	ug/l	99
22) Diisopropyl ether	3.88	45	238441	18.49	ug/l	100
23) Vinyl Acetate	3.83	43	1032494	92.17	ug/l	100
24) 1,1-Dichloroethane	3.70	63	135515	19.84	ug/l	98
25) 2-Butanone	4.71	43	288719	98.45	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105415	19.75	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	72141	18.89	ug/l	92
28) Bromochloromethane	5.03	49	65903	19.93	ug/l	97
29) Tetrahydrofuran	5.17	42	178734	94.53	ug/l	99
30) Chloroform	5.22	83	125418	19.03	ug/l	96
31) Cyclohexane	5.58	56	114343	21.17	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	112061	20.05	ug/l	99
36) 1,1-Dichloropropene	5.81	75	92819	20.40	ug/l	99
37) Ethyl Acetate	4.87	43	108625	19.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	100193	21.05	ug/l	98

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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	7.46	83	117770	22.71	ug/l	99
40) Benzene	6.15	78	280091	20.07	ug/l	100
41) Methacrylonitrile	5.07	41	60584	19.34	ug/l	99
42) 1,2-Dichloroethane	6.20	62	110198	19.88	ug/l	99
43) Isopropyl Acetate	6.47	43	180662	19.44	ug/l	99
44) Trichloroethene	7.22	130	79651	20.57	ug/l	99
45) 1,2-Dichloropropane	7.52	63	74339	19.73	ug/l	96
46) Dibromomethane	7.67	93	48255	18.90	ug/l	98
47) Bromodichloromethane	7.90	83	89362	19.35	ug/l	99
48) Methyl methacrylate	7.78	41	91209	19.53	ug/l	100
49) 1,4-Dioxane	7.76	88	34605	396.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	575215	99.37	ug/l	100
52) Toluene	8.79	92	180305	20.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	109374	19.75	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	100641	19.26	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	71363	19.55	ug/l	98
56) Ethyl methacrylate	9.18	69	112387	19.29	ug/l	100
57) 1,3-Dichloropropane	9.38	76	120578	19.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	267729	99.26	ug/l	99
59) 2-Hexanone	9.50	43	450314	100.71	ug/l	100
60) Dibromochloromethane	9.59	129	70108	19.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73981	19.44	ug/l	99
64) Tetrachloroethene	9.34	164	89056	21.42	ug/l	99
65) Chlorobenzene	10.14	112	201923	20.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	72695	20.01	ug/l	99
67) Ethyl Benzene	10.26	91	350245	20.86	ug/l	99
68) m/p-Xylenes	10.37	106	267130	40.93	ug/l	100
69) o-Xylene	10.70	106	132454	20.40	ug/l	99
70) Styrene	10.72	104	212224	19.99	ug/l	99
71) Bromoform	10.86	173	53136	18.45	ug/l	99
73) Isopropylbenzene	11.02	105	359755	21.53	ug/l	100
74) N-amyl acetate	6.47	43	180662	20.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101586	19.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	123608	25.65	ug/l	80
77) Bromobenzene	11.26	156	94463	20.13	ug/l	99
78) n-propylbenzene	11.37	91	405025	21.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	241233	20.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298903	20.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28851	19.18	ug/l	92
82) 4-Chlorotoluene	11.51	91	281931	20.82	ug/l	100
83) tert-Butylbenzene	11.77	119	294043	21.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	306334	20.76	ug/l	100
85) sec-Butylbenzene	11.95	105	363159	22.19	ug/l	100
86) p-Isopropyltoluene	12.07	119	325645	21.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	168918	20.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	171390	19.82	ug/l	99
89) n-Butylbenzene	12.39	91	272420	21.79	ug/l	99
90) Hexachloroethane	12.60	117	48051	20.19	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	174588	20.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23010	20.02	ug/l	97

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

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Acq On : 04 Jun 2018 10:59
Operator : JC/MD
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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	123525	20.29	ug/l	99
94) Hexachlorobutadiene	13.79	225	66448	22.09	ug/l	100
95) Naphthalene	13.84	128	355544	20.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126916	20.45	ug/l	100

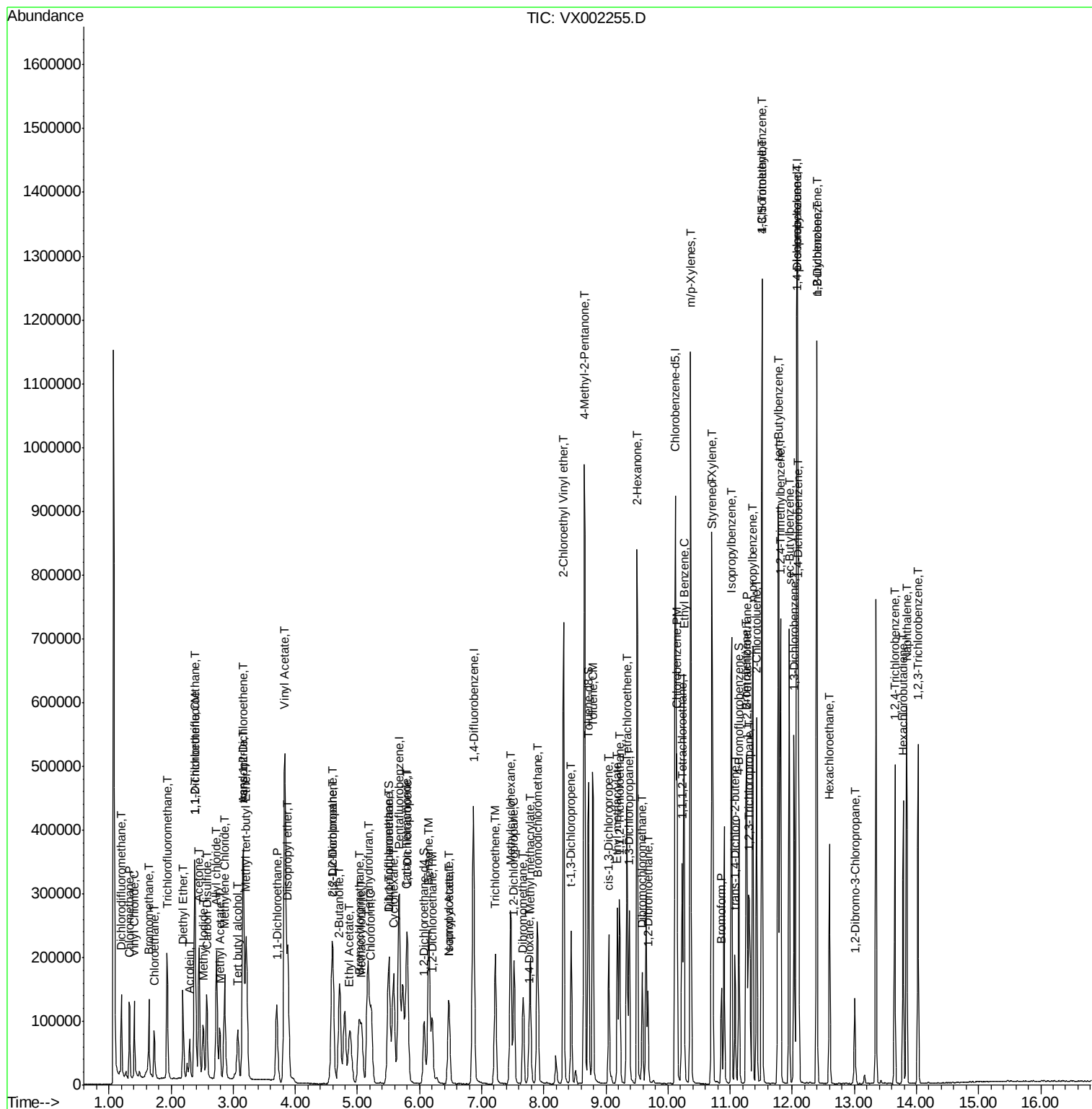
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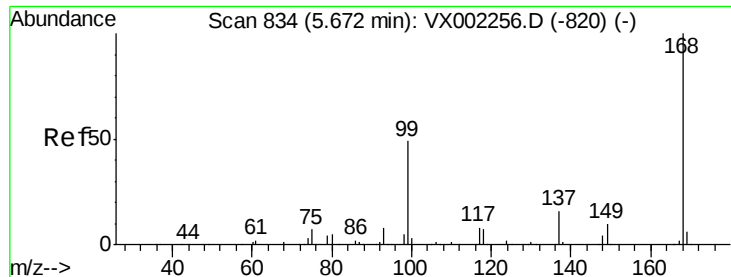
Data File : VX002255.D

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Acq On       : 04 Jun 2018   10:59
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Sample      : VSTDICC020
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ALS Vial    : 4      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jun 05 02:07:35 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

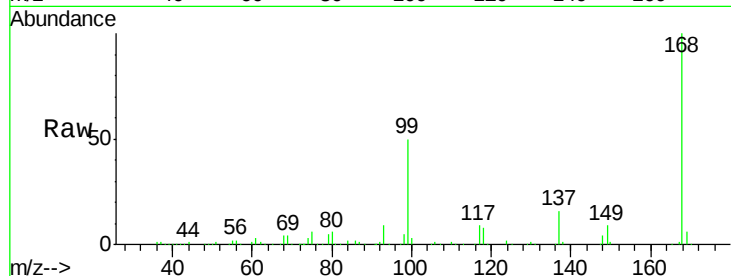
VSTDIC020

Tgt Ion:168 Resp: 299102

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

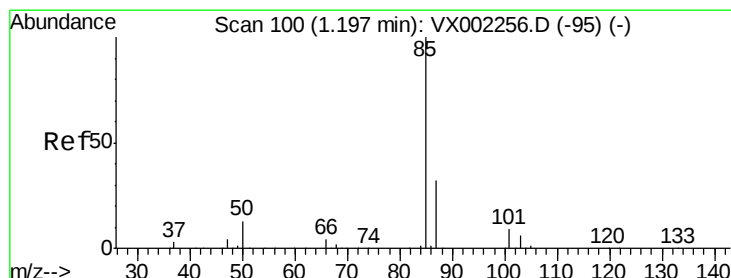
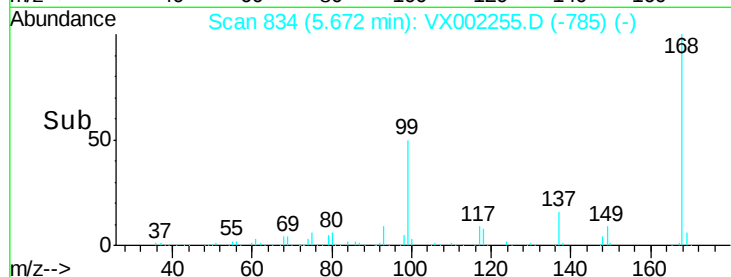
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002255.D

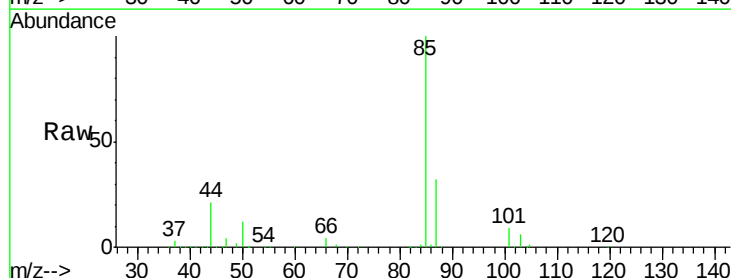
Acq: 04 Jun 2018 10:59

Tgt Ion: 85 Resp: 69420

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

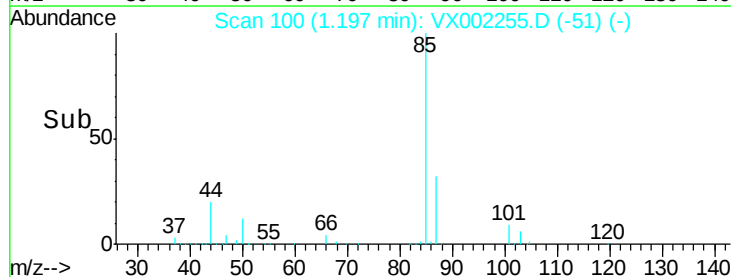
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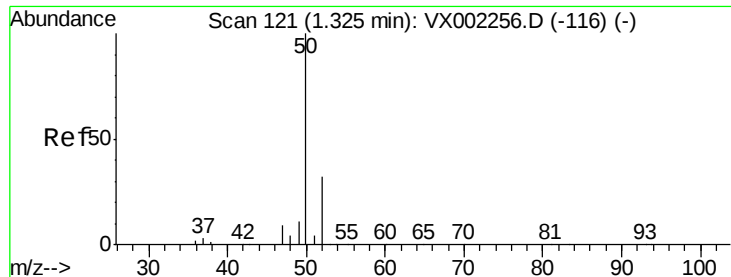
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

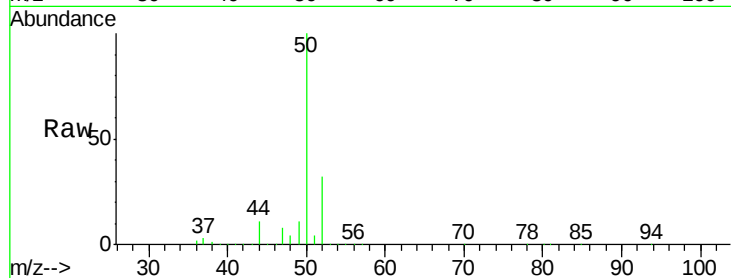
VSTDIC020

Tgt Ion: 50 Resp: 80688

Ion Ratio Lower Upper

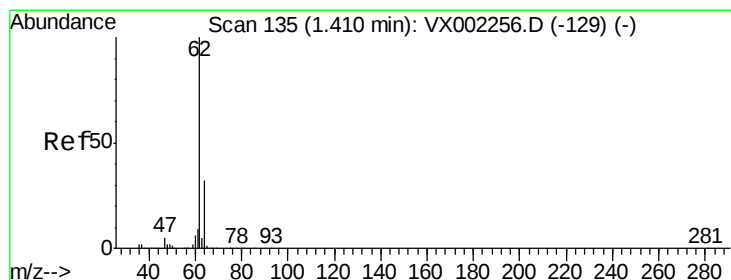
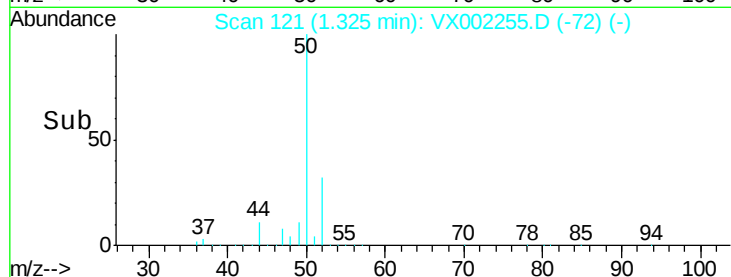
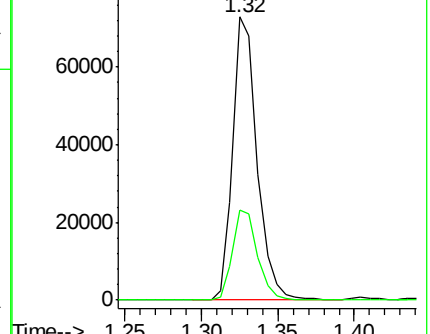
50 100

52 31.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.70 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002255.D

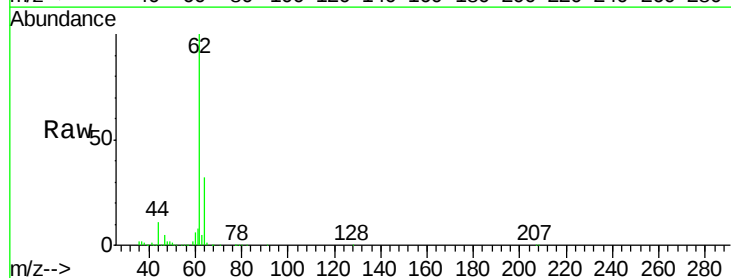
Acq: 04 Jun 2018 10:59

Tgt Ion: 62 Resp: 81127

Ion Ratio Lower Upper

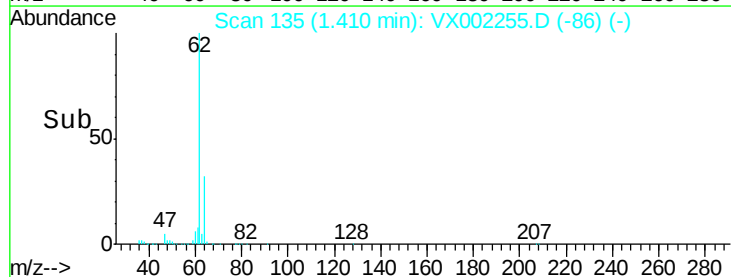
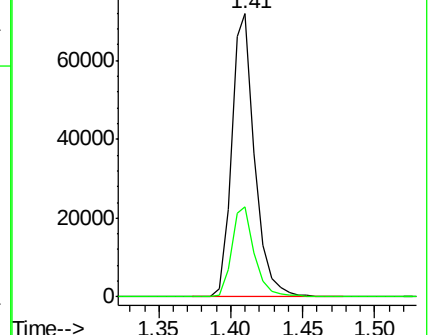
62 100

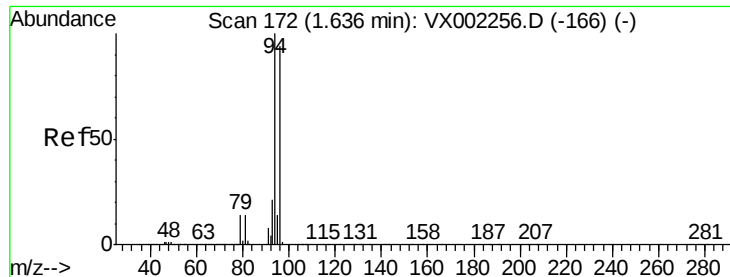
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.25 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

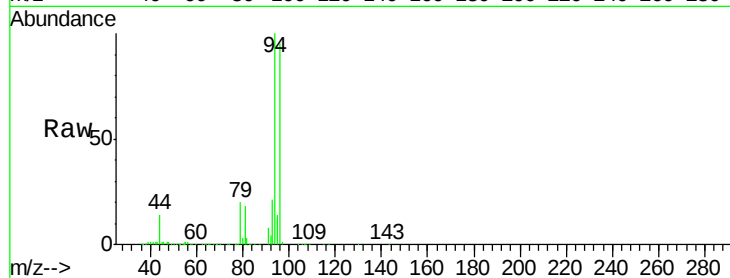
VSTDIC020

Tgt Ion: 94 Resp: 50621

Ion Ratio Lower Upper

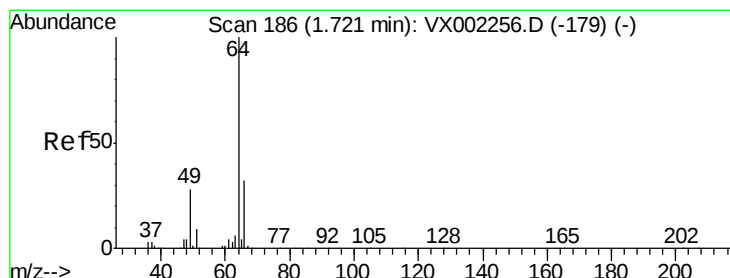
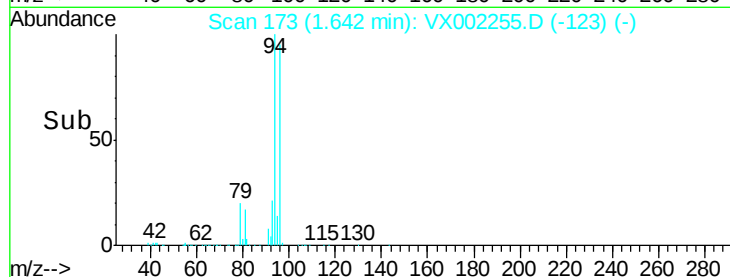
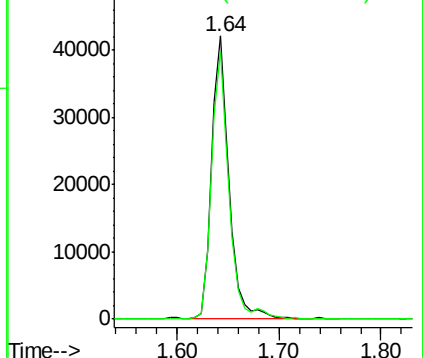
94 100

96 94.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.20 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002255.D

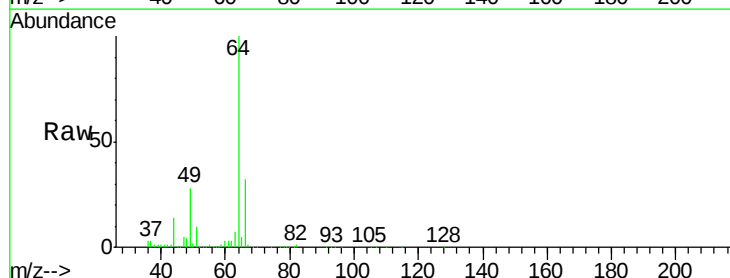
Acq: 04 Jun 2018 10:59

Tgt Ion: 64 Resp: 51197

Ion Ratio Lower Upper

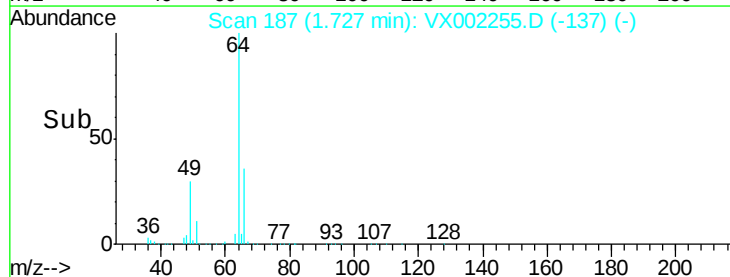
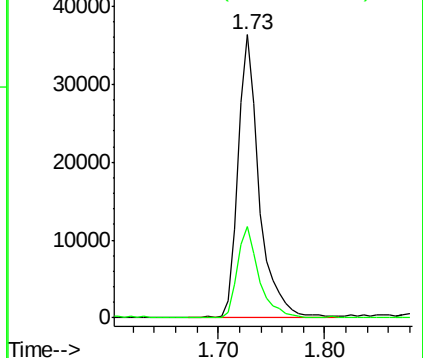
64 100

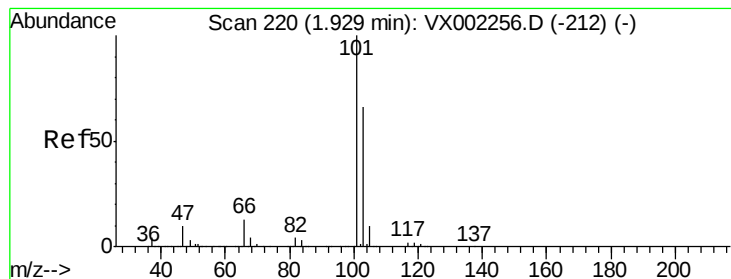
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



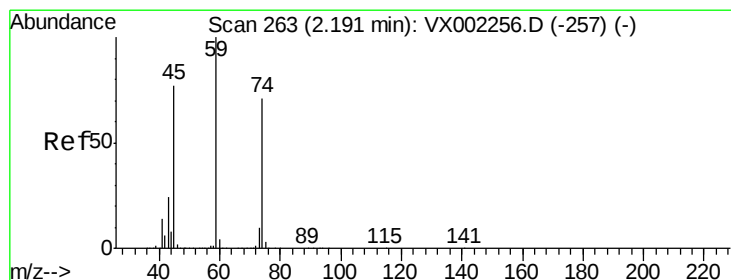
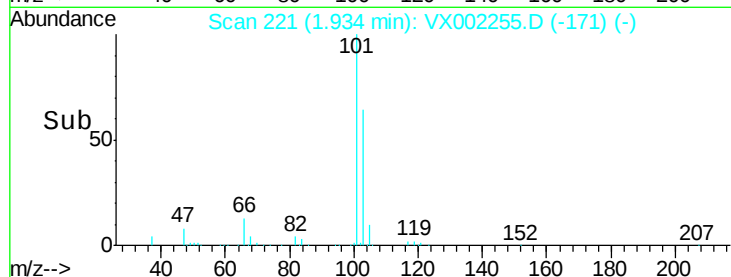
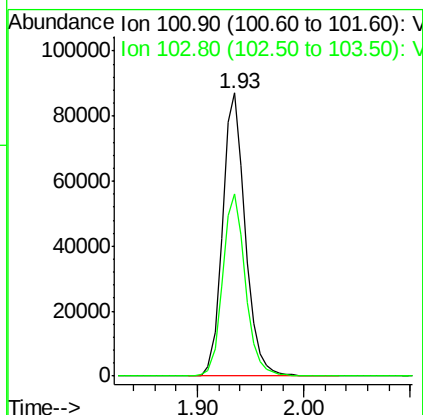
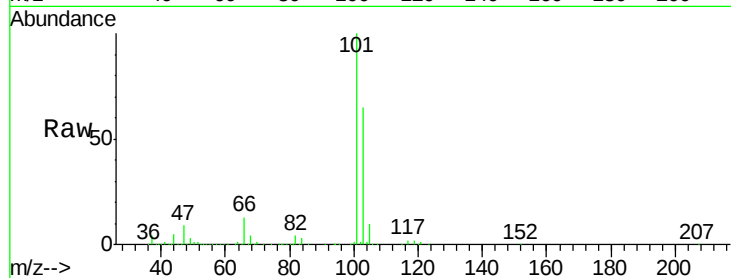


#7

Trichlorofluoromethane
 Concen: 21.78 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

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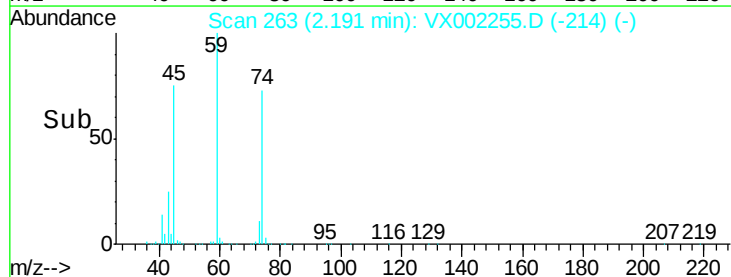
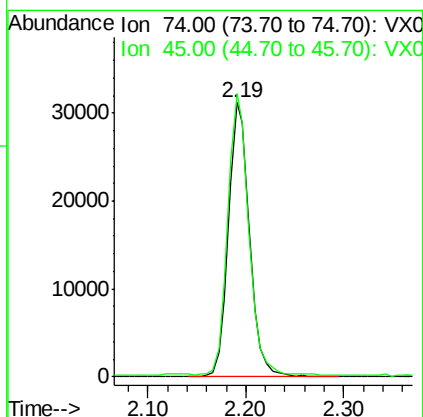
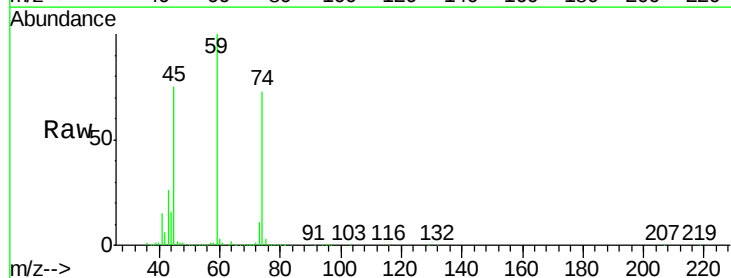
Tgt Ion:101 Resp: 130038
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

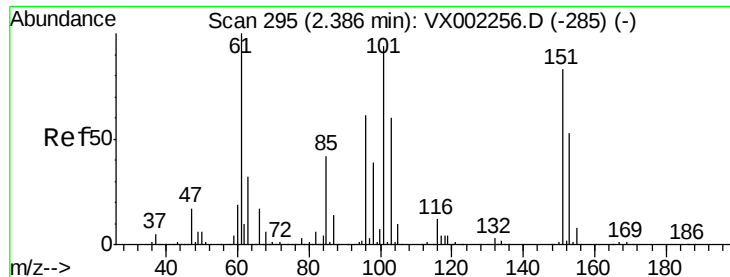


#8

Diethyl Ether
 Concen: 19.12 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion: 74 Resp: 46511
 Ion Ratio Lower Upper
 74 100
 45 102.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

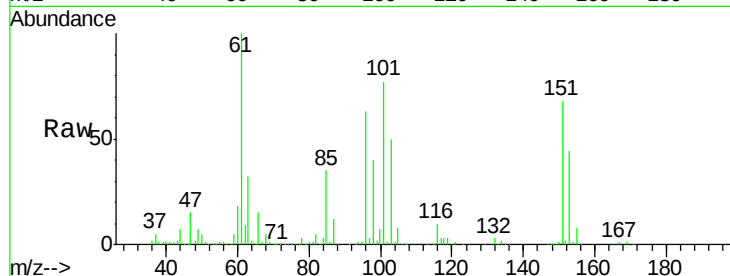
Tgt Ion:101 Resp: 71599

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

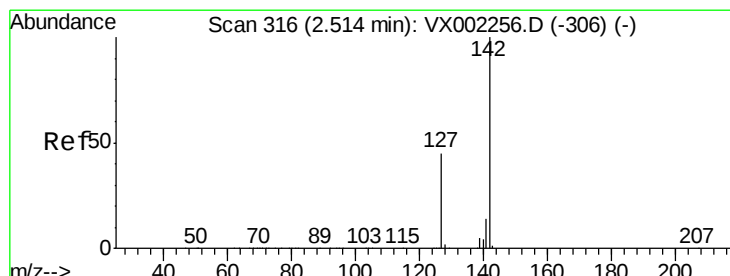
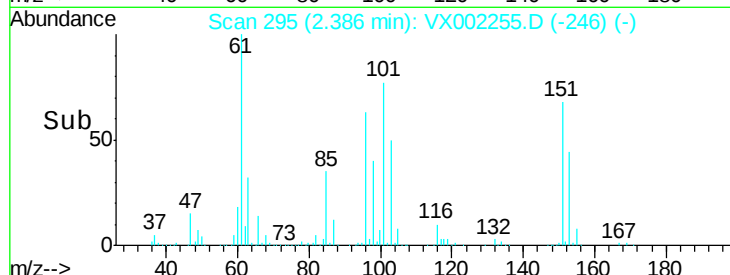
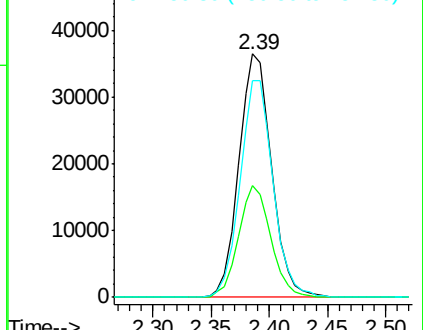
151 89.8 70.9 106.3



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: 18.69 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

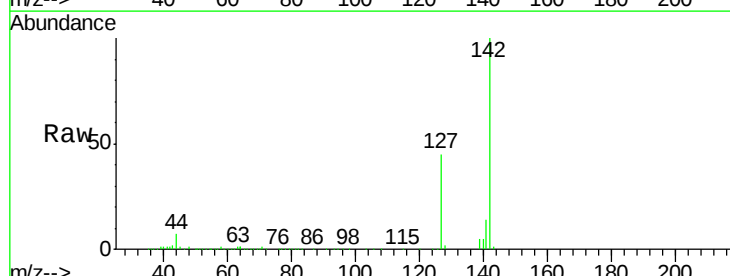
Tgt Ion:142 Resp: 84721

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

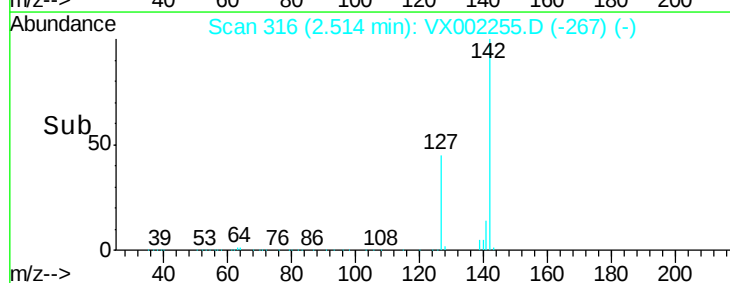
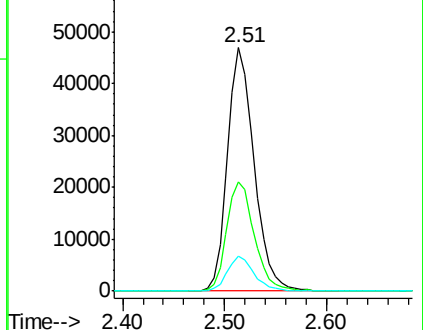
141 14.5 11.3 16.9

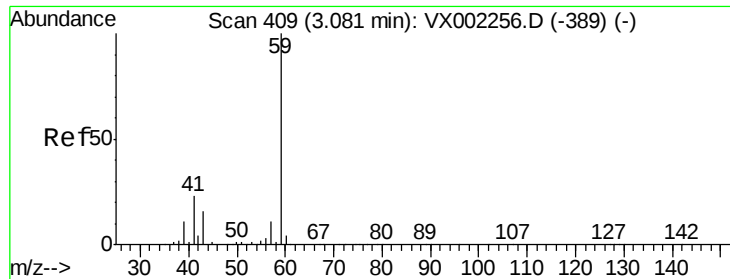


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

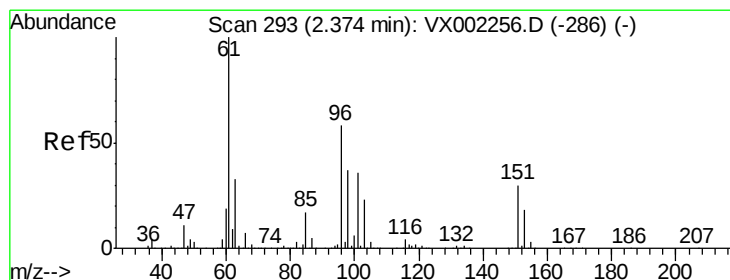
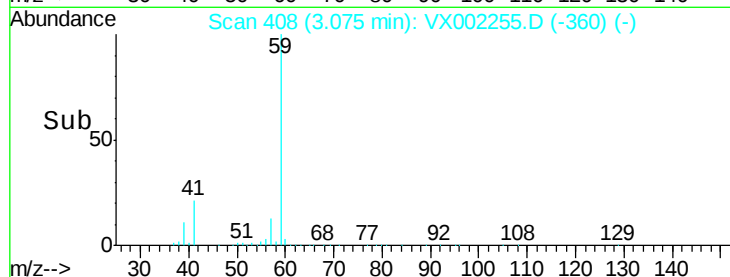
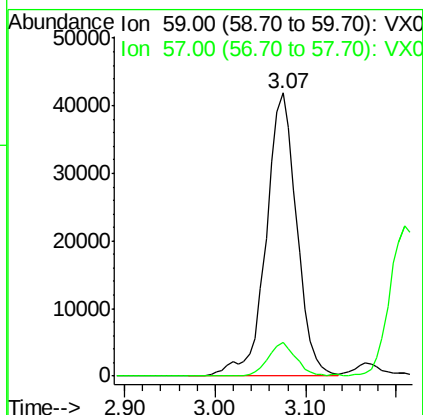
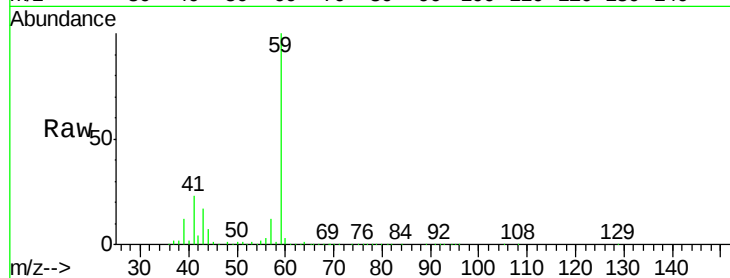




#11
Tert butyl alcohol
Concen: 102.10 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

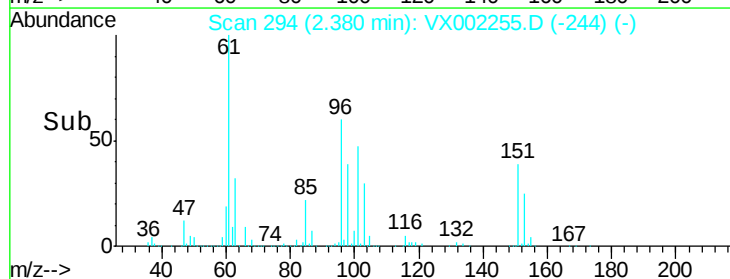
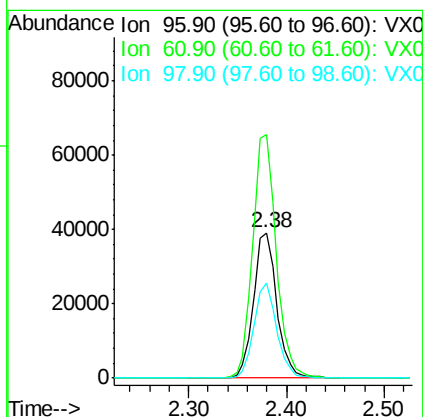
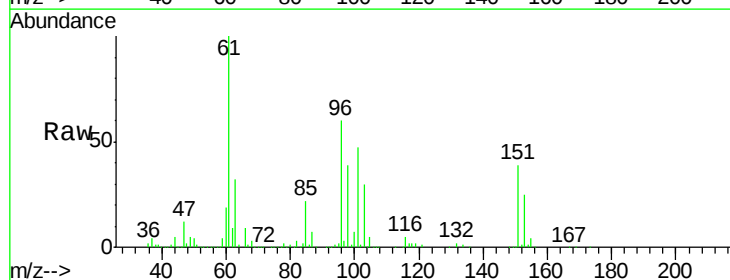
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

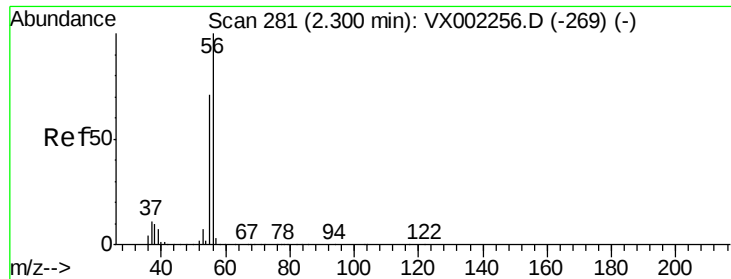
Tgt Ion: 59 Resp: 97863
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.36 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 96 Resp: 64819
Ion Ratio Lower Upper
96 100
61 167.2 137.9 206.9
98 65.0 51.6 77.4





#13

Acrolein

Concen: 95.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

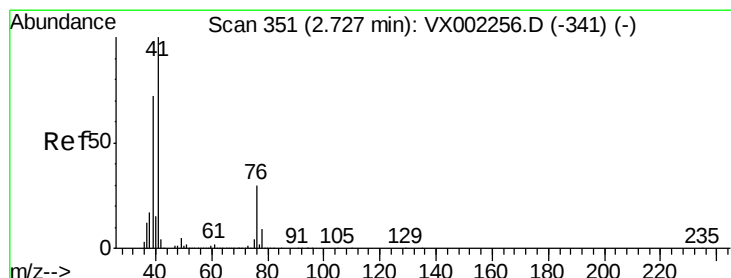
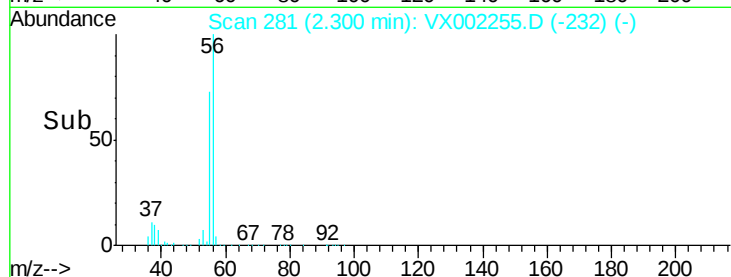
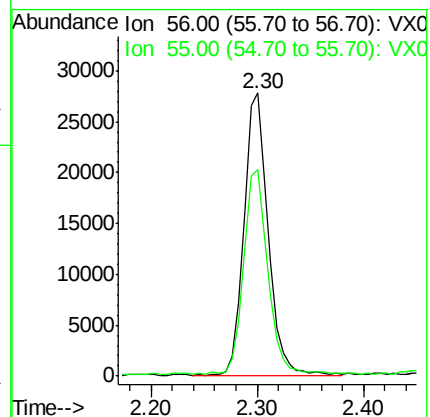
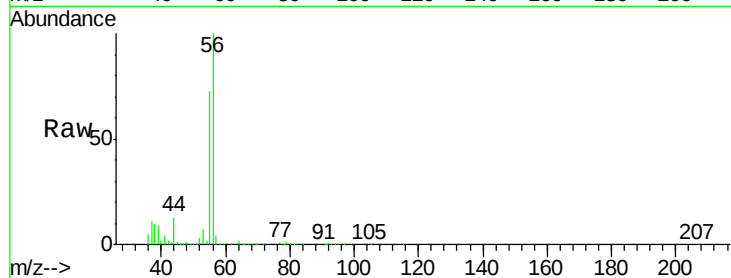
VSTDIC020

Tgt Ion: 56 Resp: 44249

Ion Ratio Lower Upper

56 100

55 74.2 57.0 85.4



#14

Allyl chloride

Concen: 19.43 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

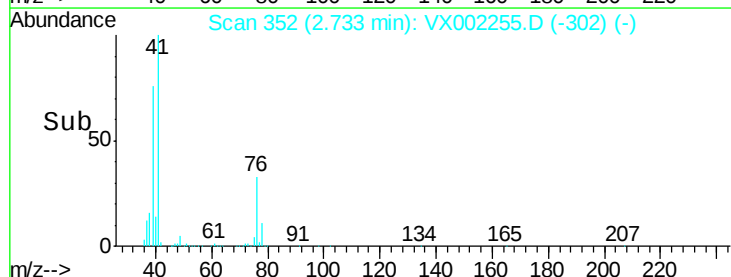
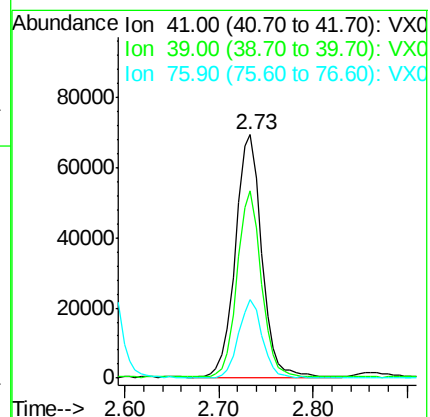
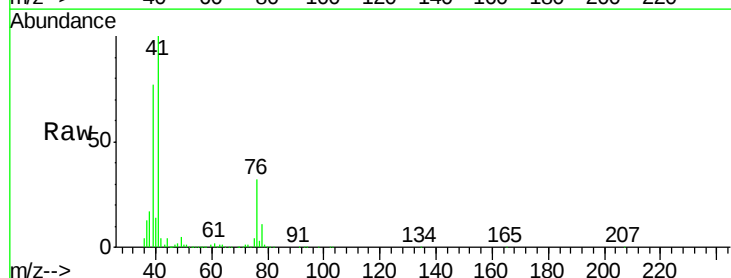
Tgt Ion: 41 Resp: 134271

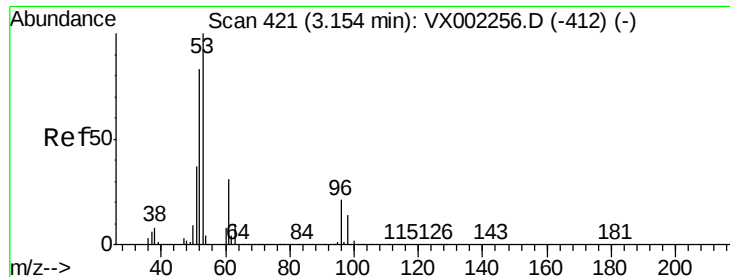
Ion Ratio Lower Upper

41 100

39 70.6 56.8 85.2

76 29.2 23.8 35.8





#15

Acrylonitrile

Concen: 95.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

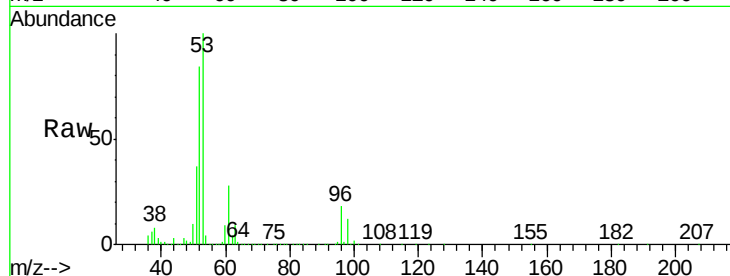
Tgt Ion: 53 Resp: 195346

Ion Ratio Lower Upper

53 100

52 84.2 66.7 100.1

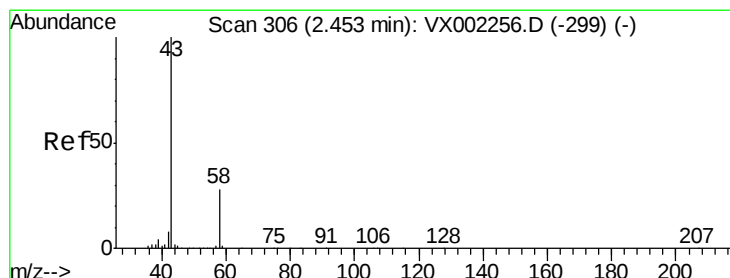
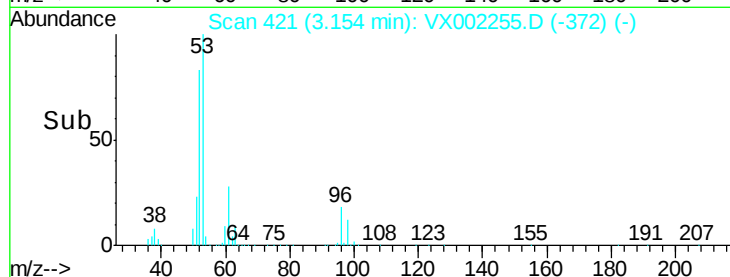
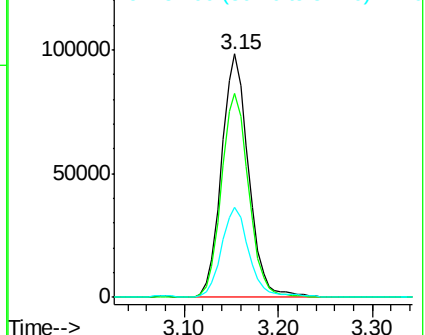
51 37.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.97 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002255.D

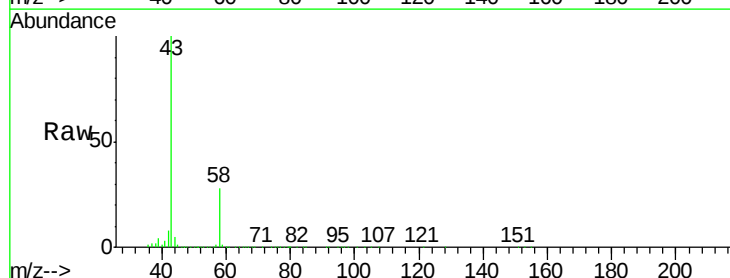
Acq: 04 Jun 2018 10:59

Tgt Ion: 43 Resp: 220245

Ion Ratio Lower Upper

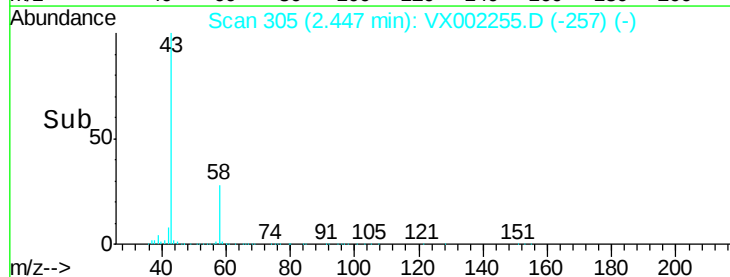
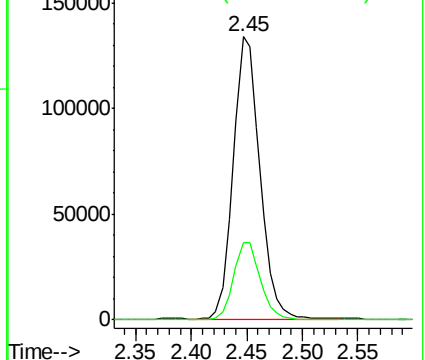
43 100

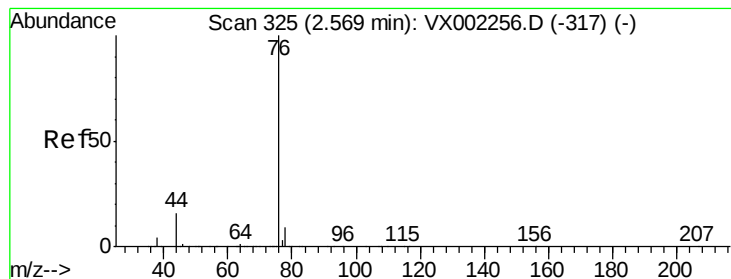
58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.44 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

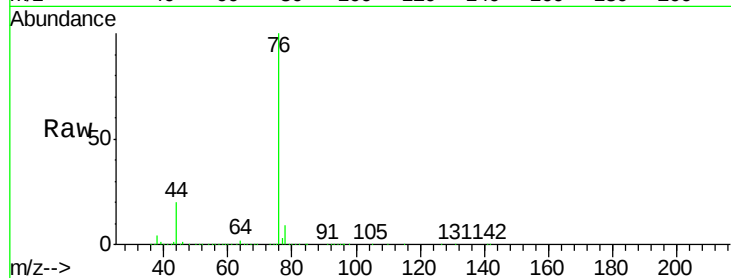
VSTDIC020

Tgt Ion: 76 Resp: 163124

Ion Ratio Lower Upper

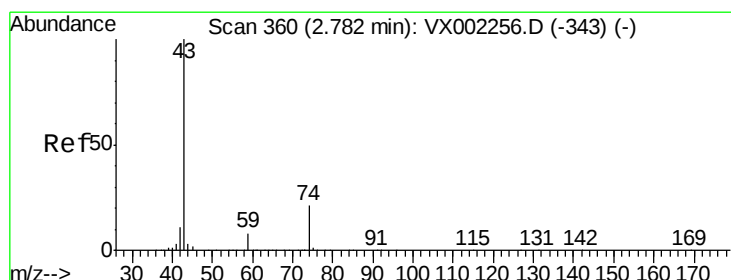
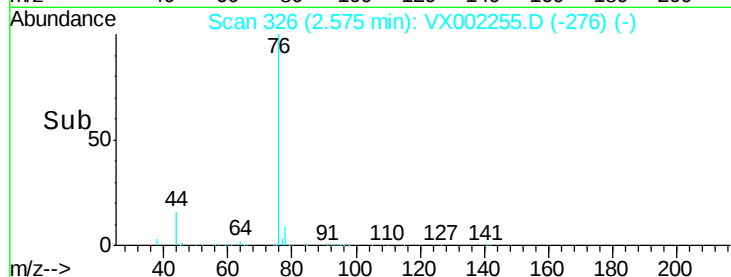
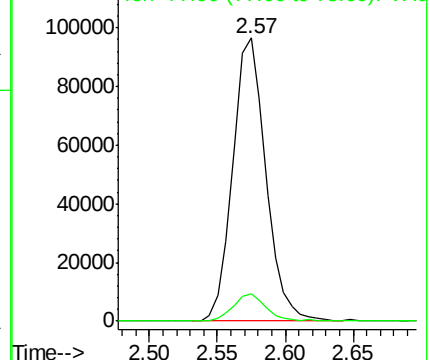
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.37 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002255.D

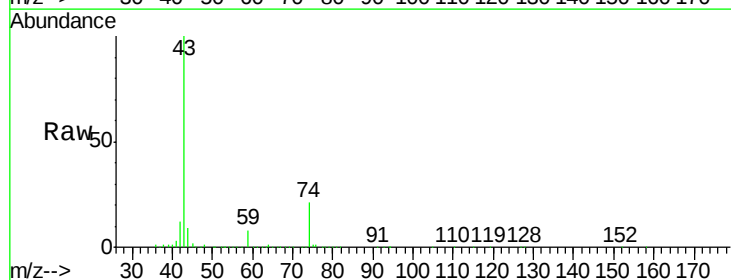
Acq: 04 Jun 2018 10:59

Tgt Ion: 43 Resp: 92682

Ion Ratio Lower Upper

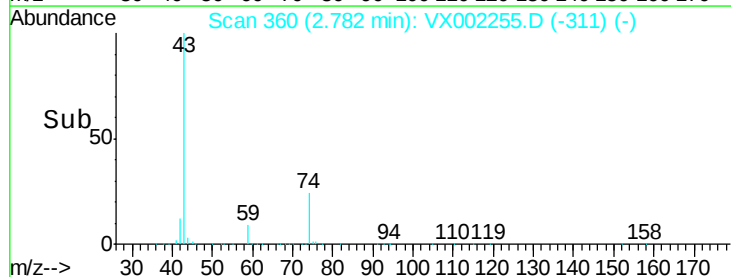
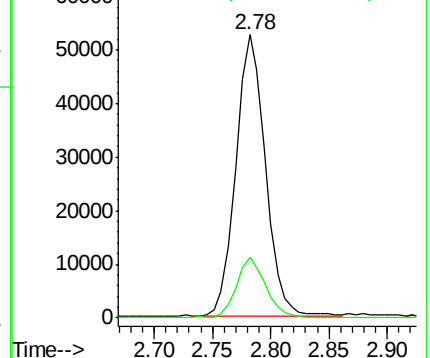
43 100

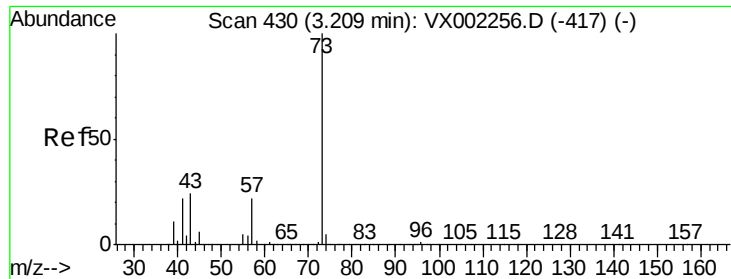
74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.01 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

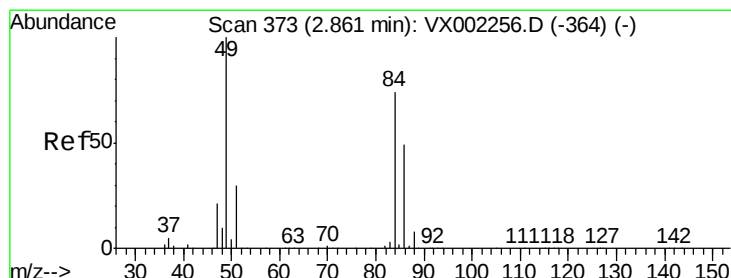
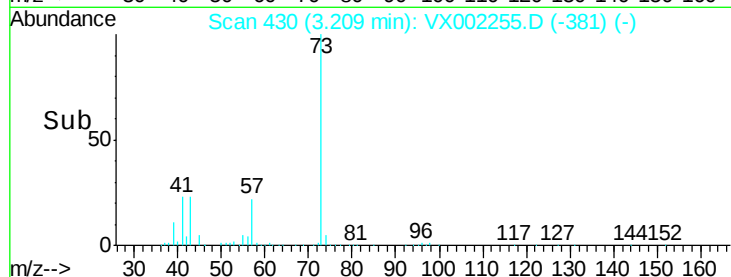
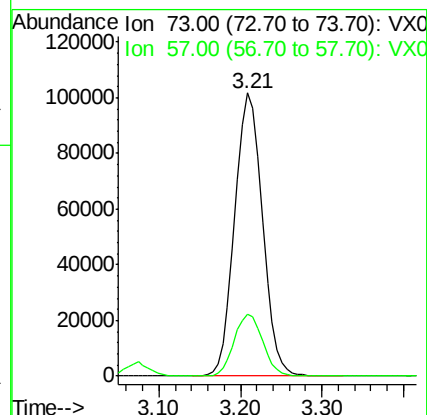
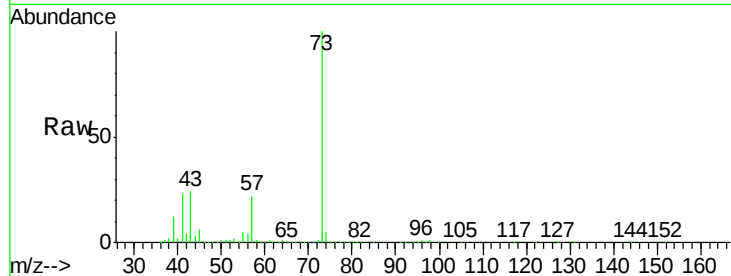
VSTDIC020

Tgt Ion: 73 Resp: 239773

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 17.25 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Tgt Ion: 84 Resp: 73322

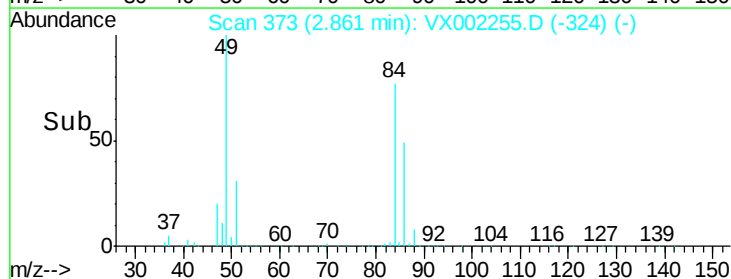
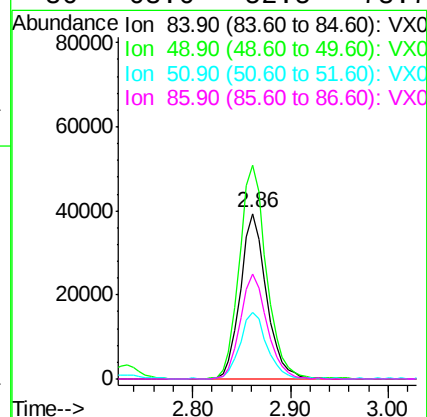
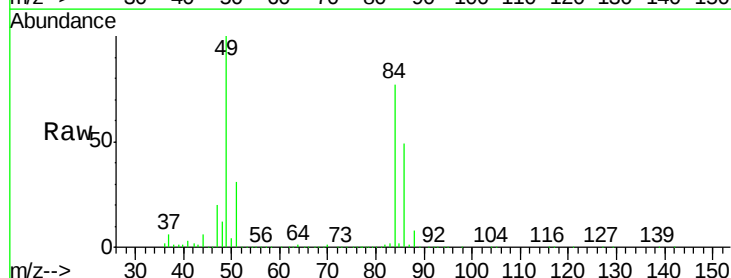
Ion Ratio Lower Upper

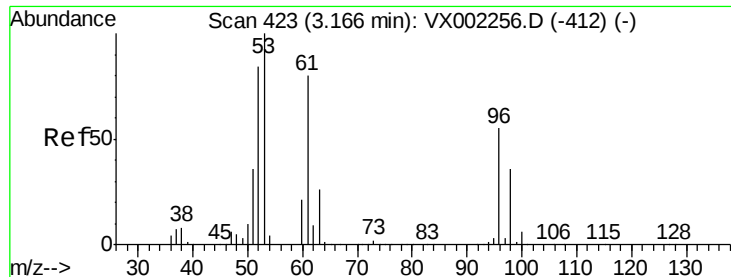
84 100

49 129.3 107.8 161.6

51 40.0 32.8 49.2

86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

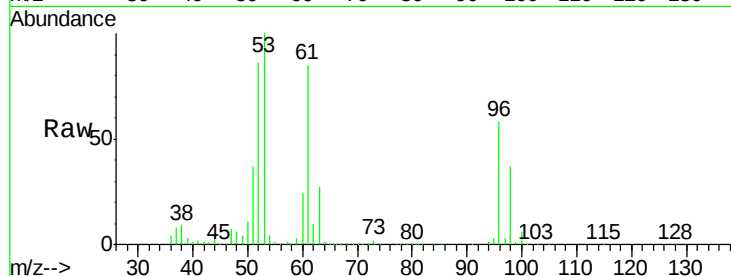
Tgt Ion: 96 Resp: 69164

Ion Ratio Lower Upper

96 100

61 146.3 117.0 175.4

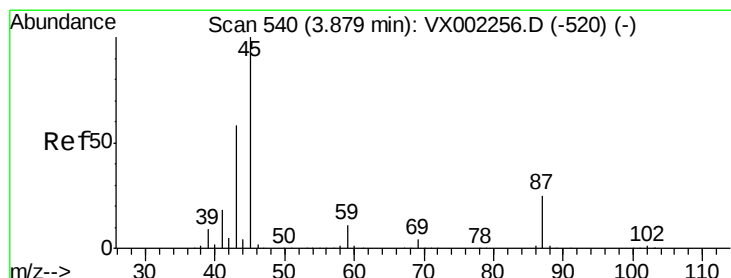
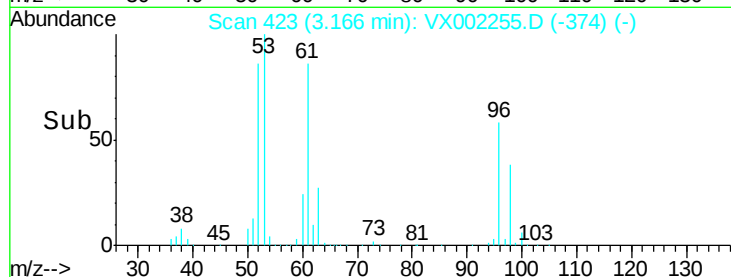
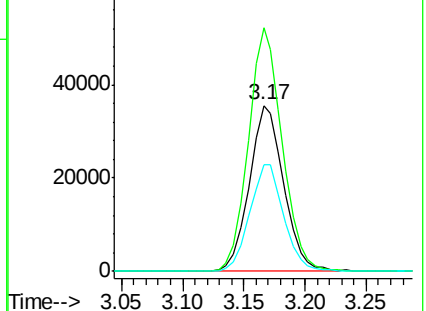
98 64.3 52.4 78.6



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: 18.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Tgt Ion: 45 Resp: 238441

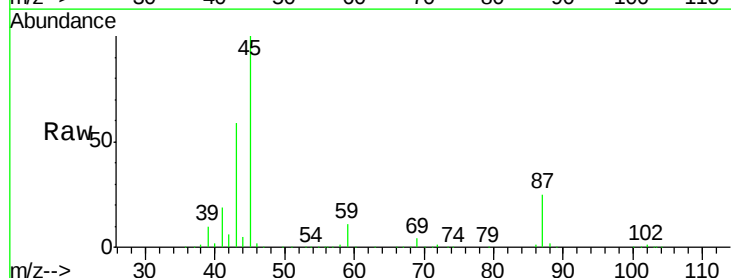
Ion Ratio Lower Upper

45 100

43 58.6 46.8 70.2

87 25.3 20.2 30.4

59 11.2 8.7 13.1

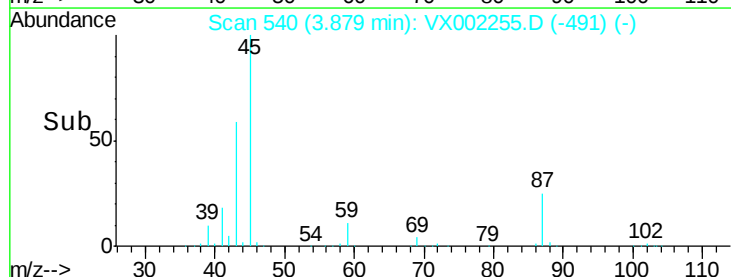
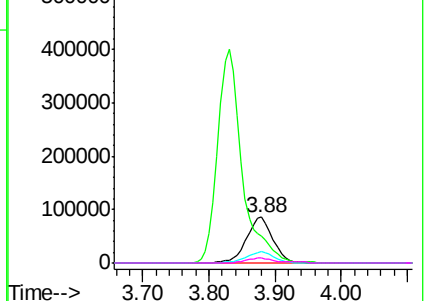


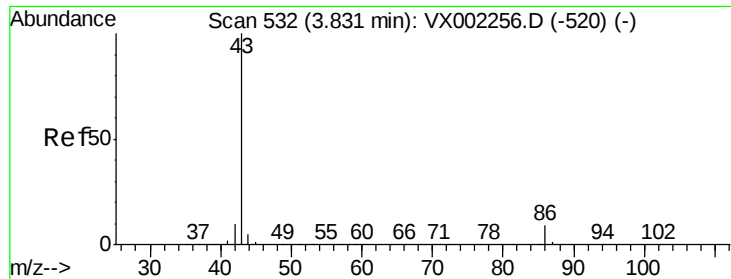
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 92.17 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

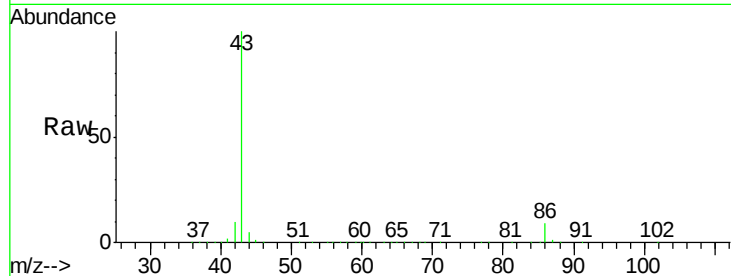
VSTDIC020

Tgt Ion: 43 Resp: 1032494

Ion Ratio Lower Upper

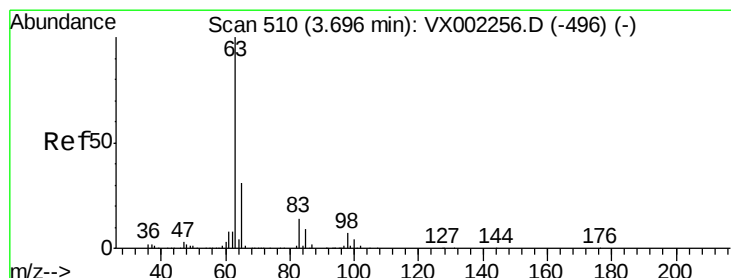
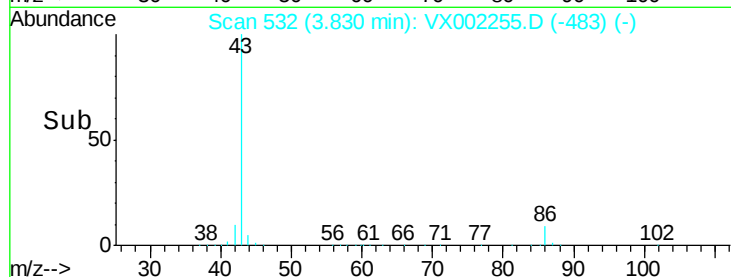
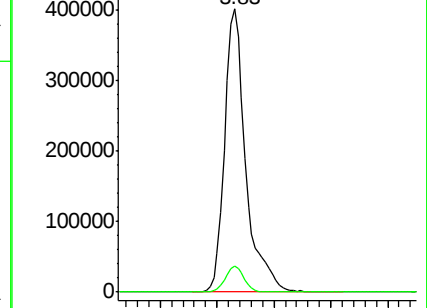
43 100

86 9.1 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: 19.84 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

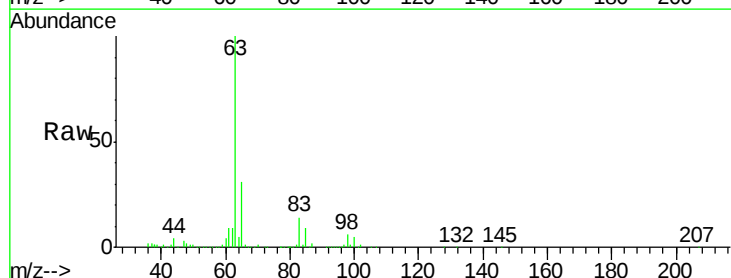
Tgt Ion: 63 Resp: 135515

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

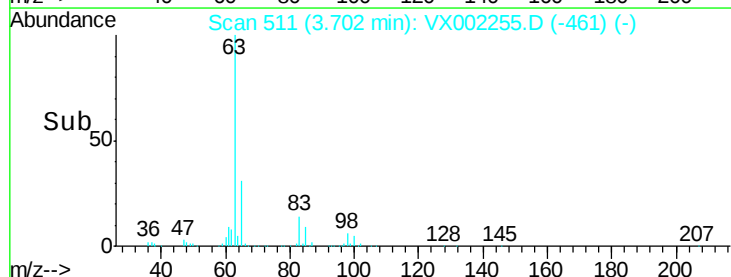
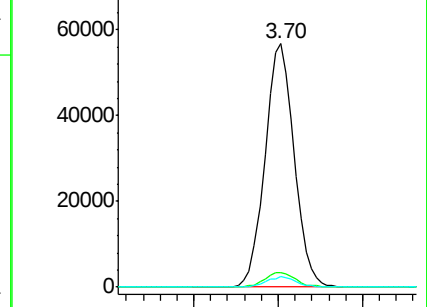
100 4.5 2.0 6.0

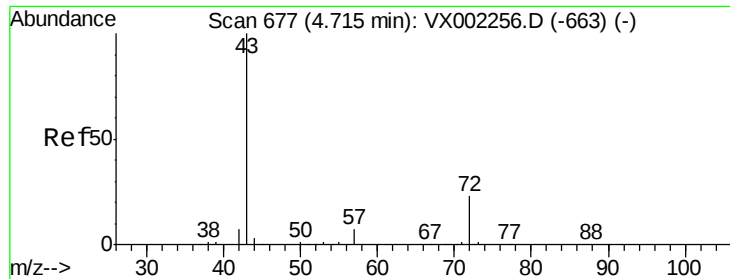


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.45 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

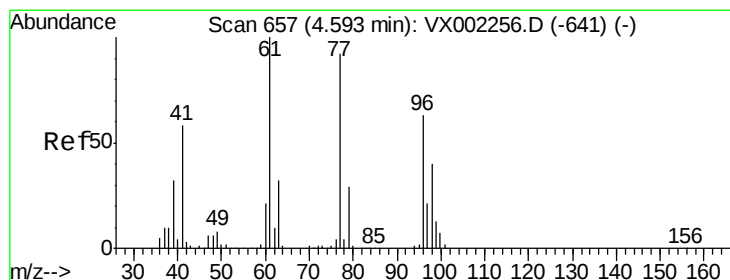
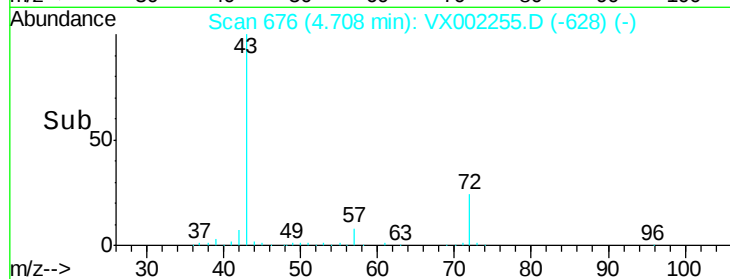
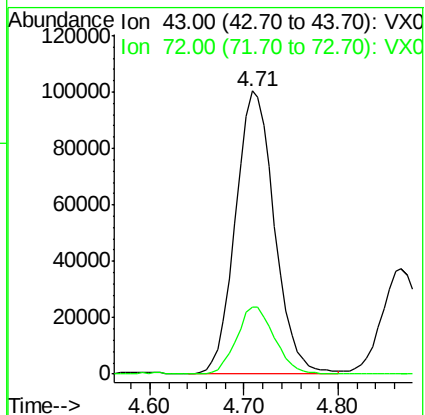
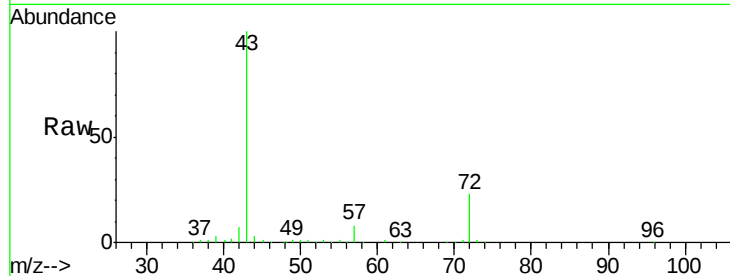
VSTDIC020

Tgt Ion: 43 Resp: 288719

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.75 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002255.D

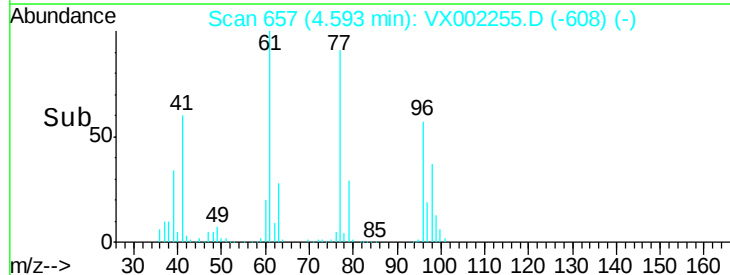
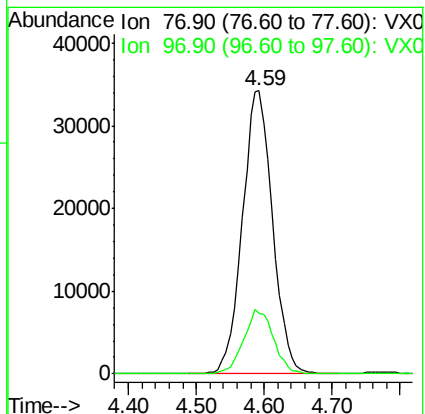
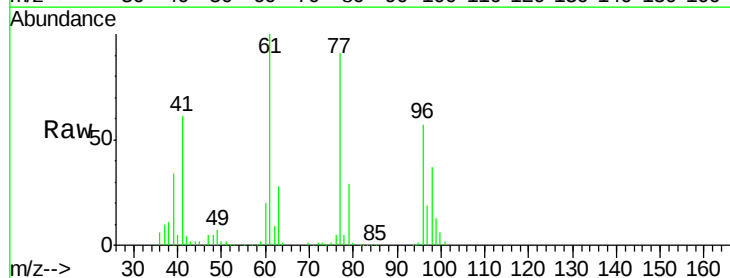
Acq: 04 Jun 2018 10:59

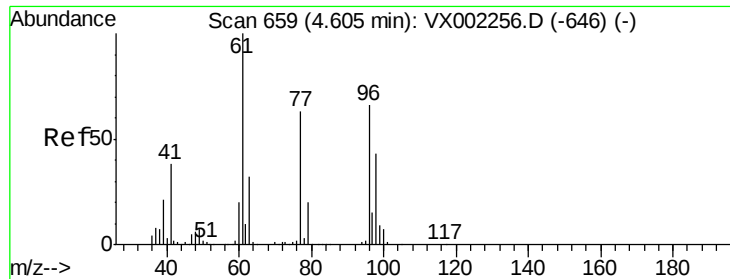
Tgt Ion: 77 Resp: 105415

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.89 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

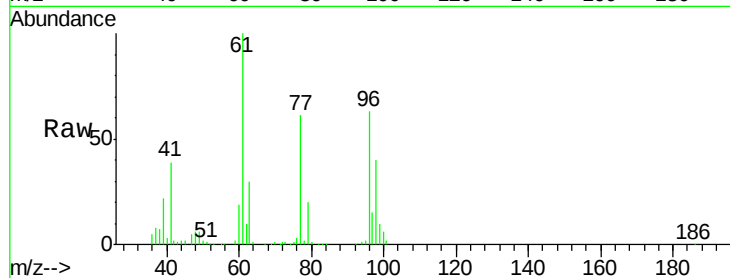
Tgt Ion: 96 Resp: 72141

Ion Ratio Lower Upper

96 100

61 178.9 0.0 330.2

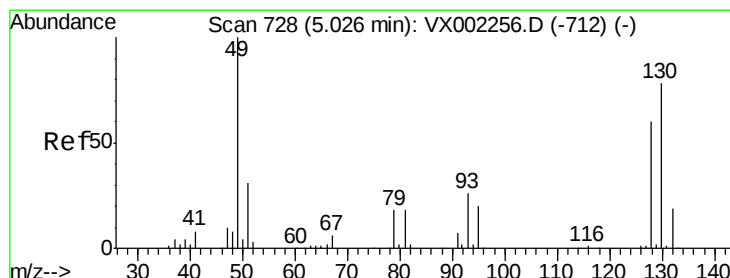
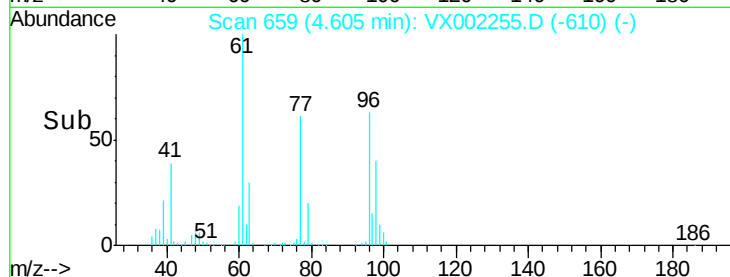
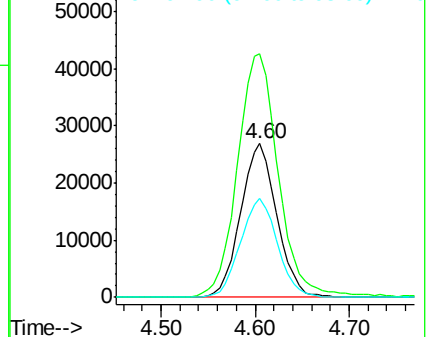
98 65.9 0.0 130.2



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: 19.93 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

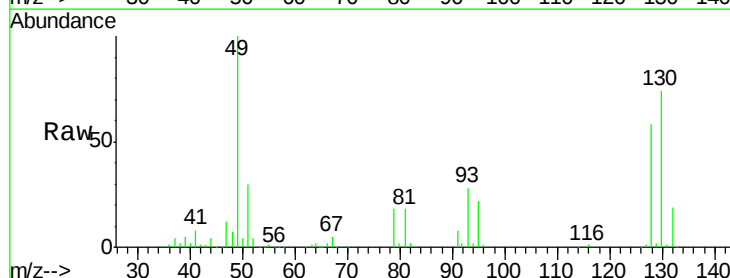
Tgt Ion: 49 Resp: 65903

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

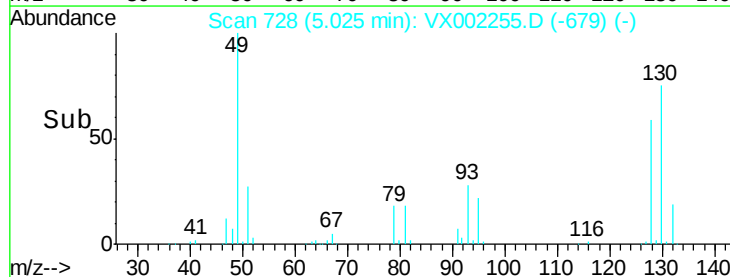
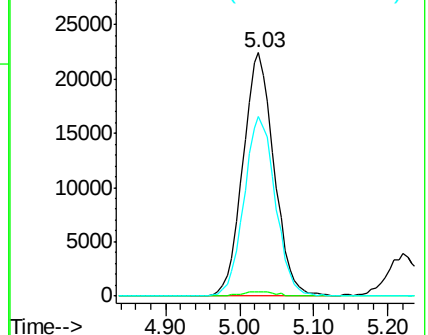
130 74.0 61.2 91.8

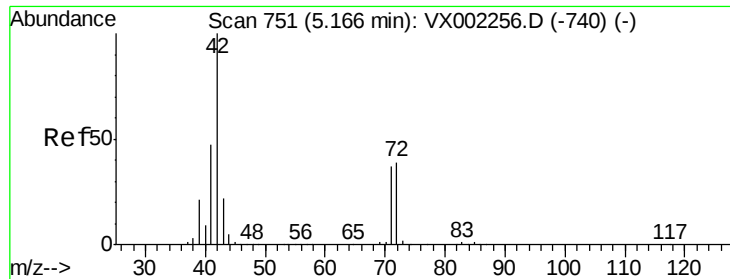


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.53 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

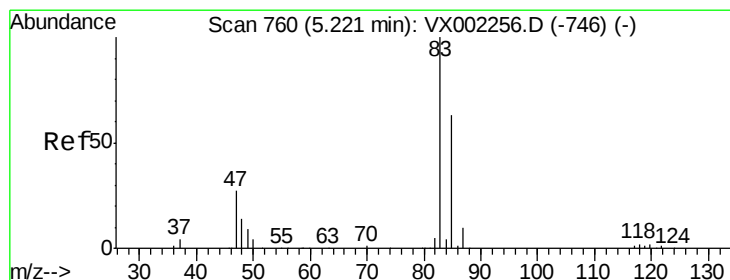
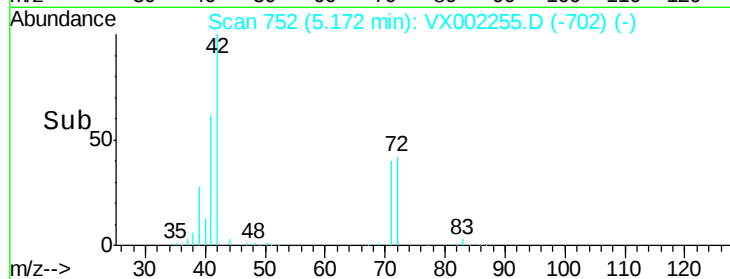
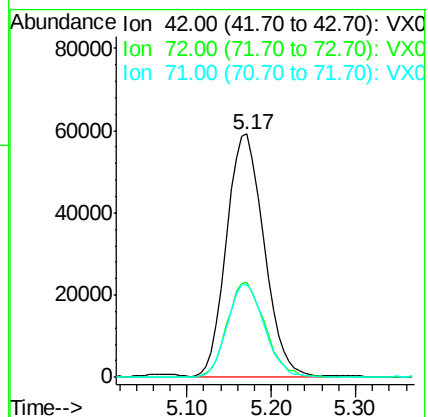
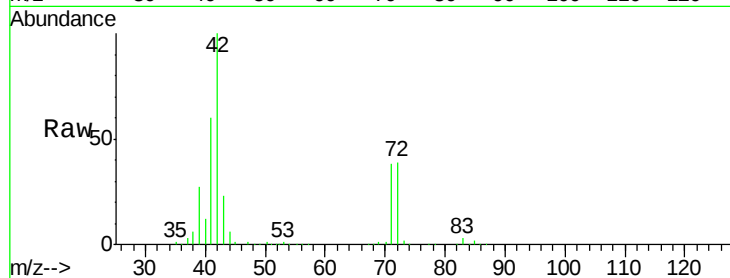
Tgt Ion: 42 Resp: 178734

Ion Ratio Lower Upper

42 100

72 39.8 32.0 48.0

71 38.2 30.1 45.1



#30

Chloroform

Concen: 19.03 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002255.D

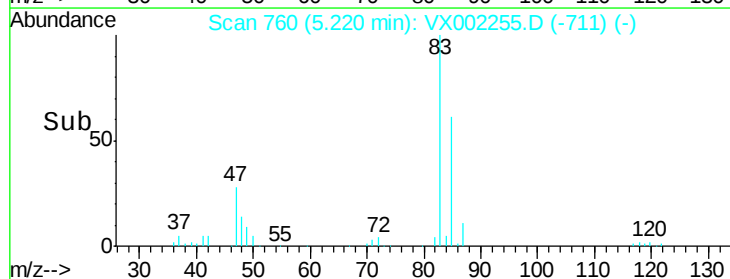
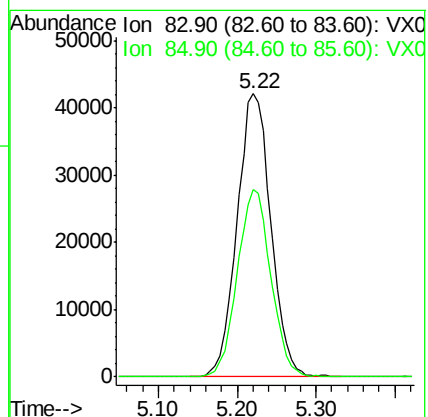
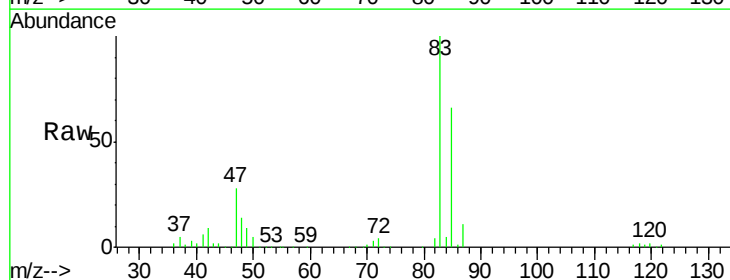
Acq: 04 Jun 2018 10:59

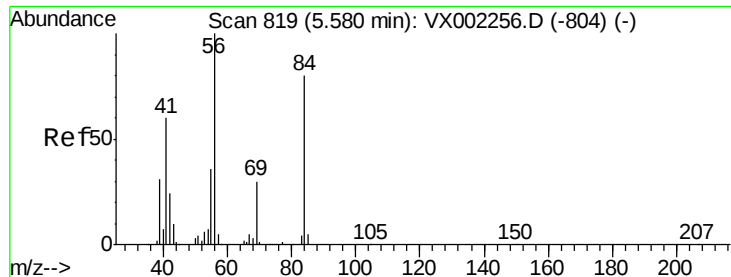
Tgt Ion: 83 Resp: 125418

Ion Ratio Lower Upper

83 100

85 66.2 50.4 75.6

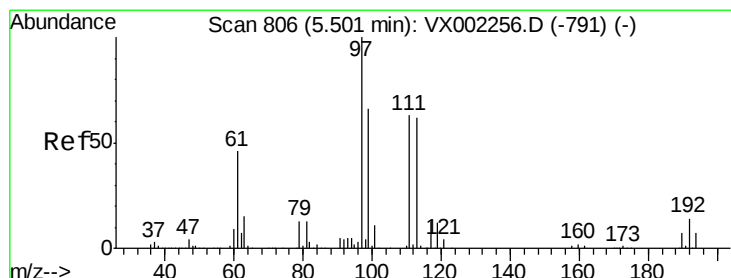
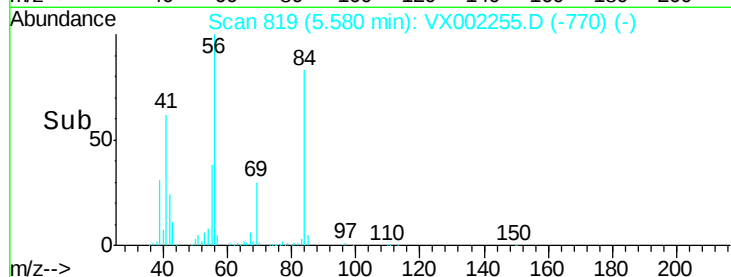
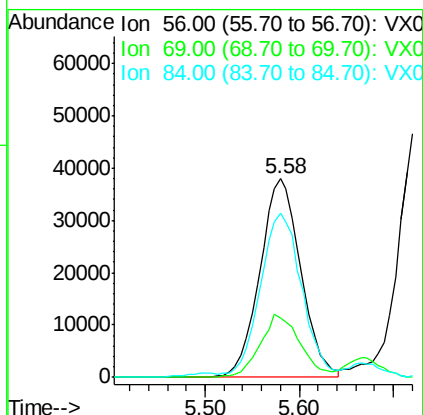
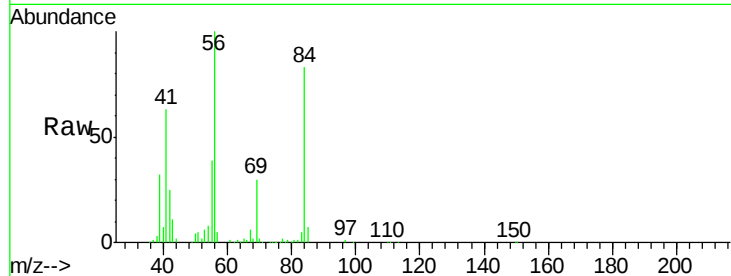




#31
Cyclohexane
Concen: 21.17 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

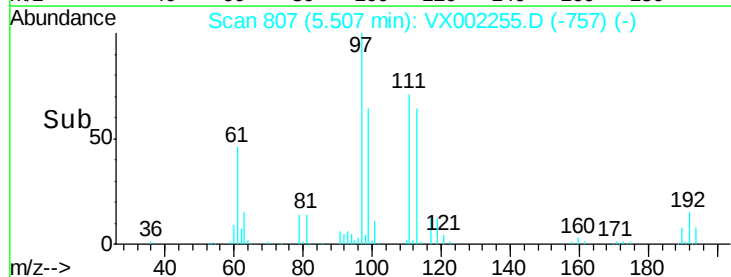
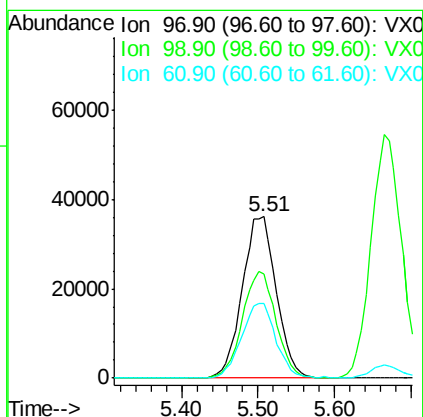
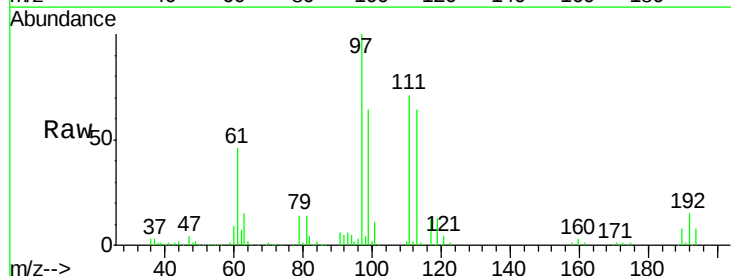
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

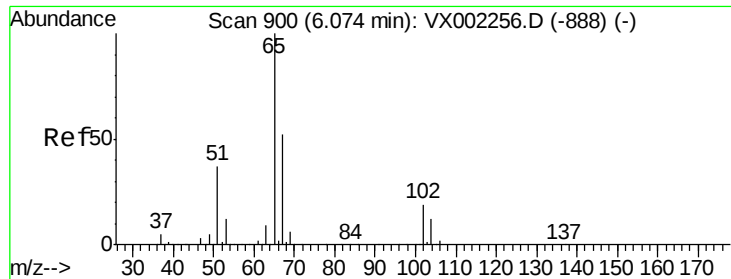
Tgt Ion: 56 Resp: 114343
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 81.7 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 20.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 97 Resp: 112061
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 46.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

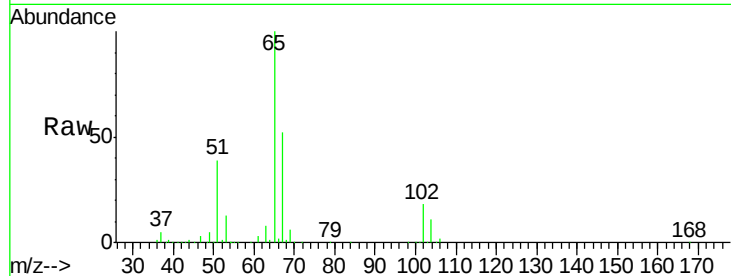
VSTDIC020

Tgt Ion: 65 Resp: 92307

Ion Ratio Lower Upper

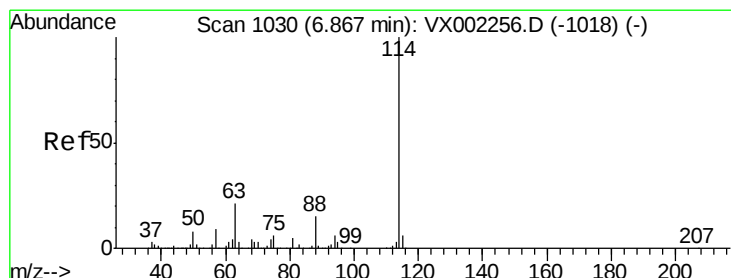
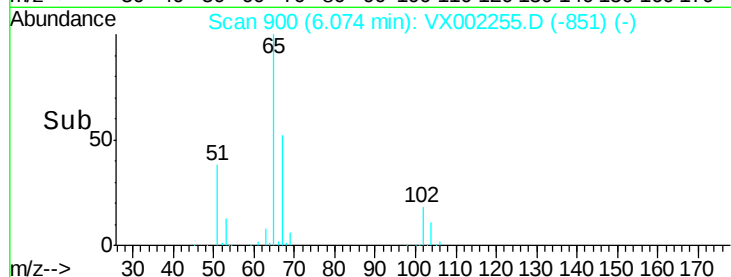
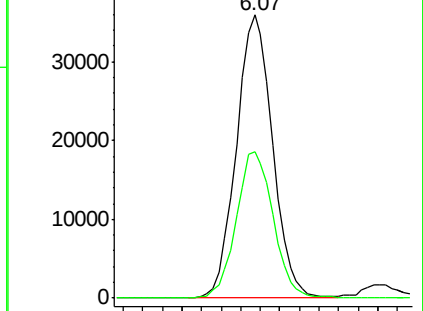
65 100

67 52.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

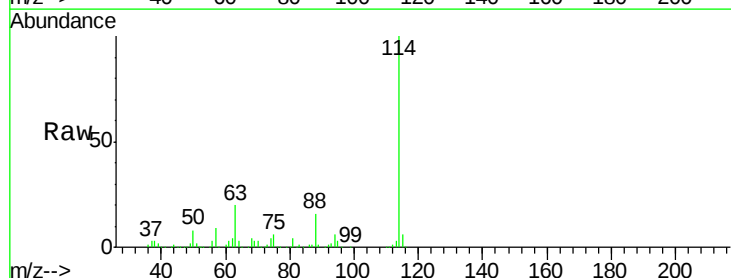
Tgt Ion: 114 Resp: 432880

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

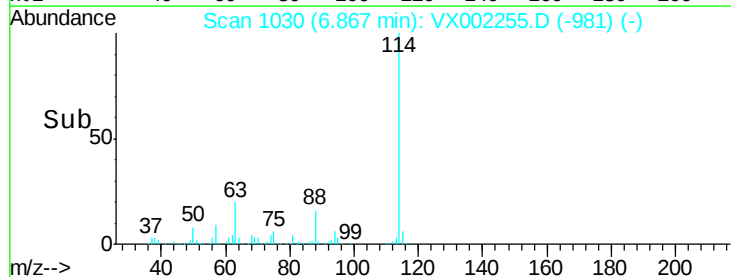
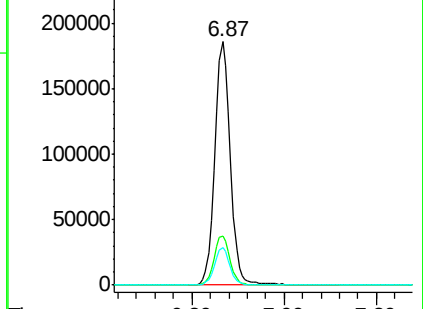
88 15.6 0.0 30.0

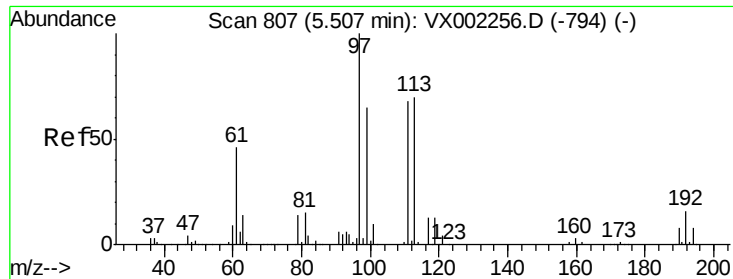


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

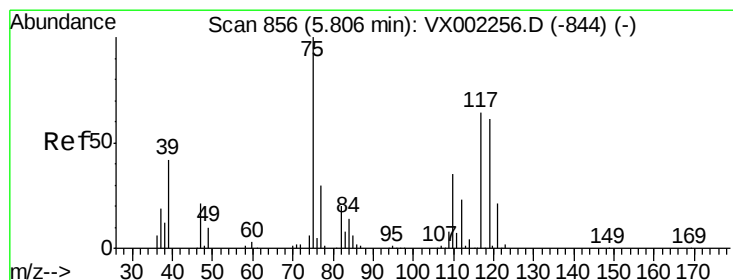
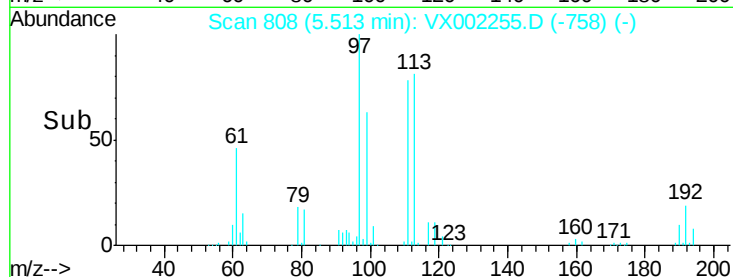
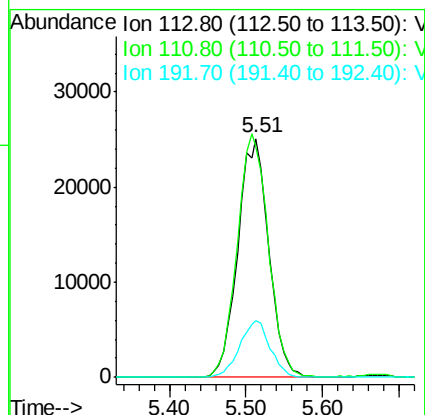
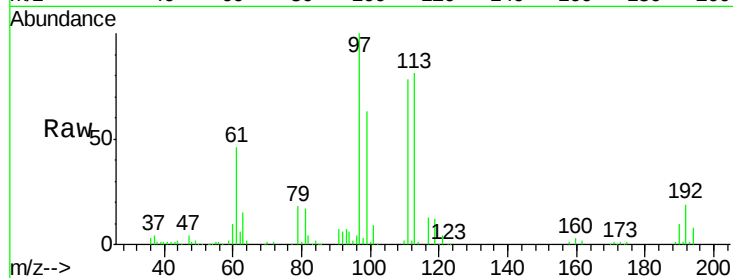




#35
Dibromofluoromethane
Concen: 20.63 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

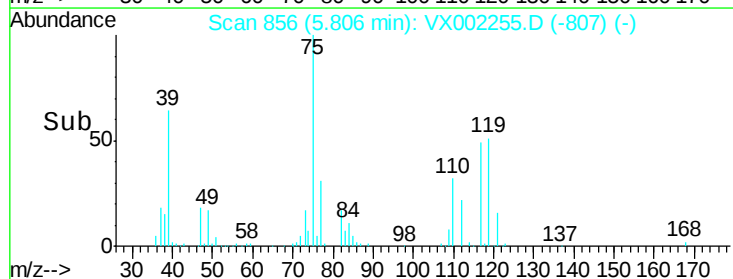
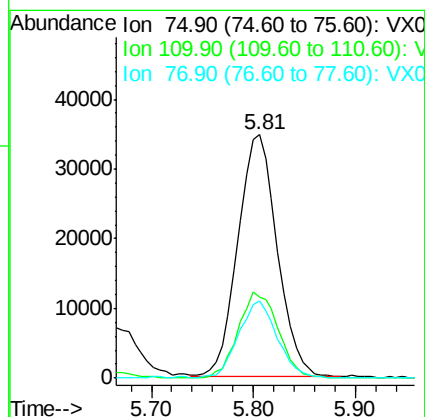
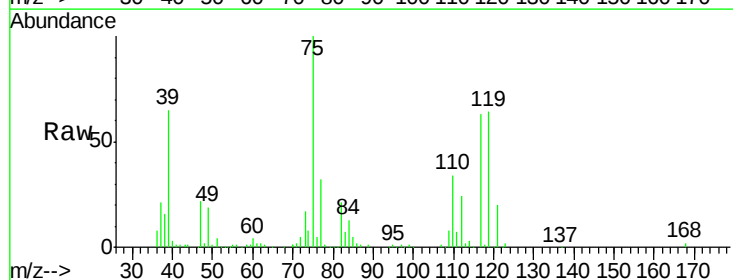
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

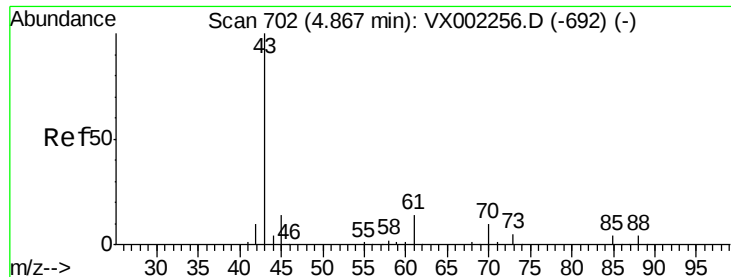
Tgt Ion:113 Resp: 70245
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 23.4 19.1 28.7



#36
1,1-Dichloropropene
Concen: 20.40 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 75 Resp: 92819
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 30.8 24.3 36.5

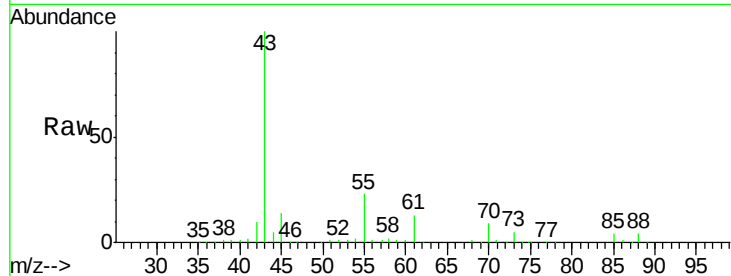




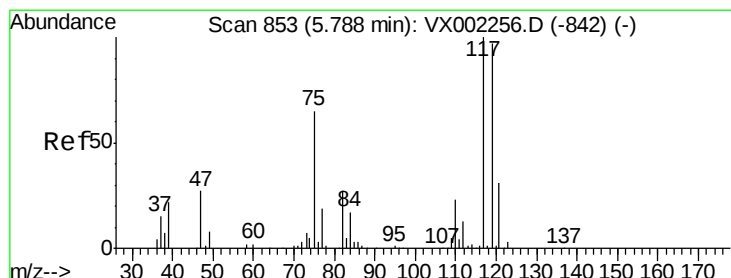
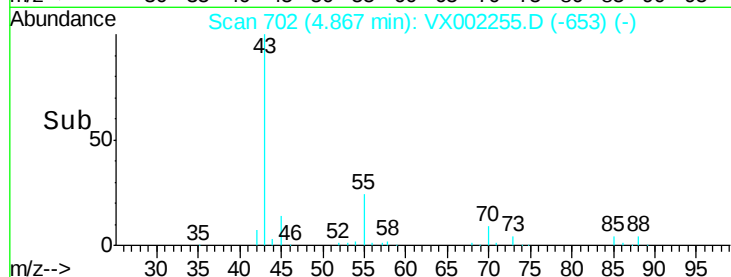
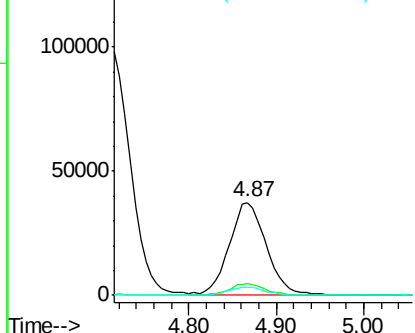
#37
Ethyl Acetate
Concen: 19.85 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 108625
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.4 7.6 11.4

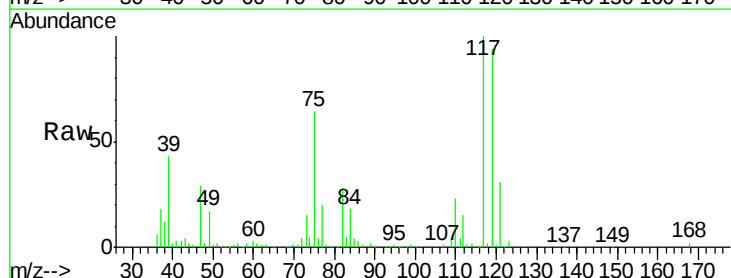


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

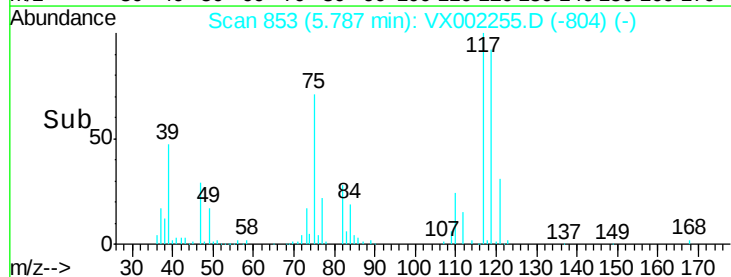
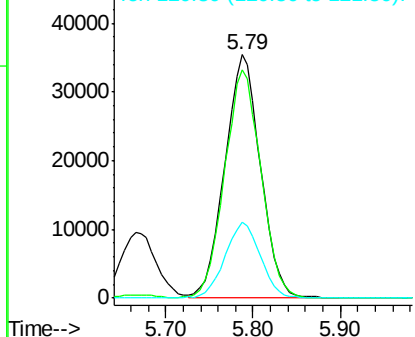


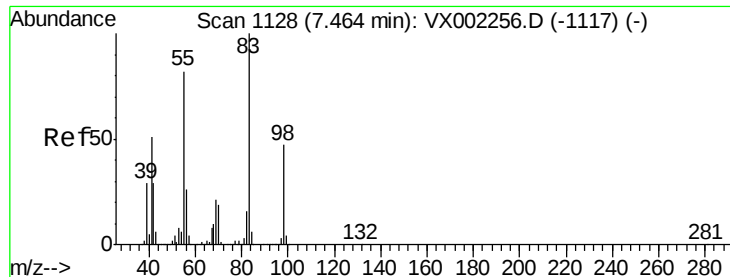
#38
Carbon Tetrachloride
Concen: 21.05 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 117 Resp: 100193
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 31.0 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

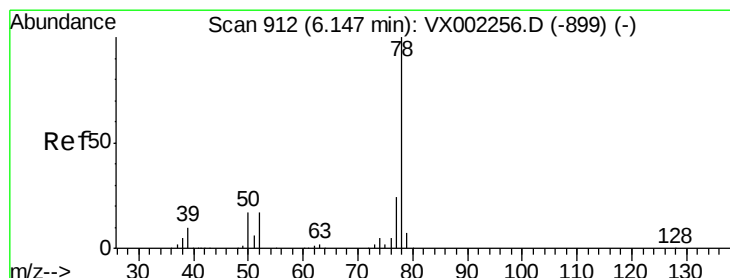
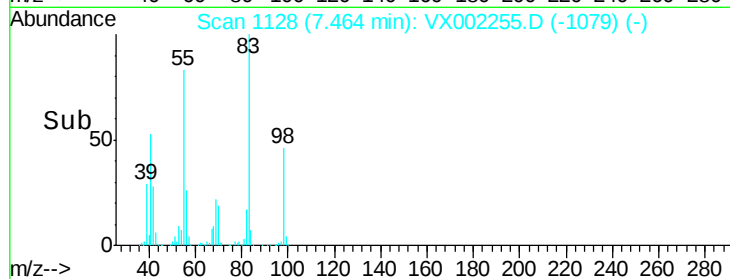
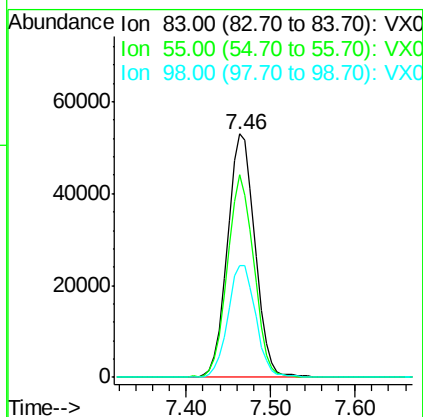
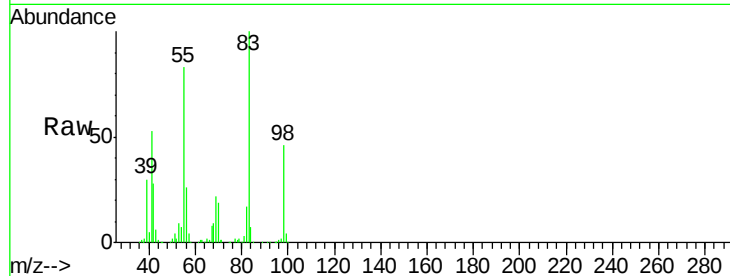




#39
Methylcyclohexane
Concen: 22.71 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

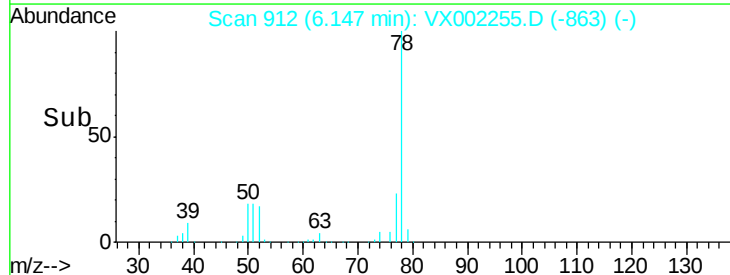
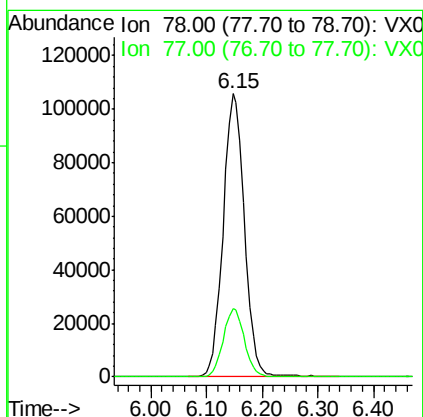
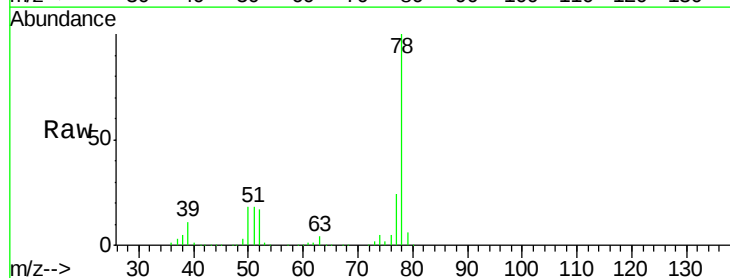
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

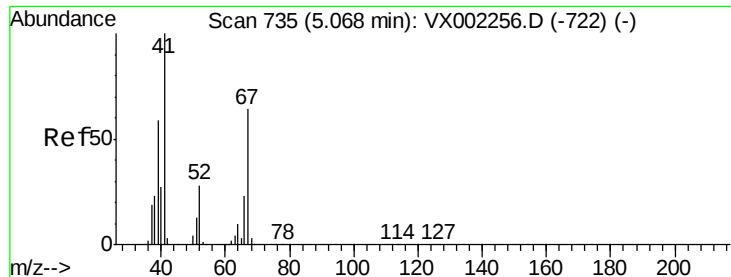
Tgt Ion: 83 Resp: 117770
Ion Ratio Lower Upper
83 100
55 82.8 65.4 98.0
98 45.9 37.4 56.0



#40
Benzene
Concen: 20.07 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 78 Resp: 280091
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#41

Methacrylonitrile

Concen: 19.34 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 60584

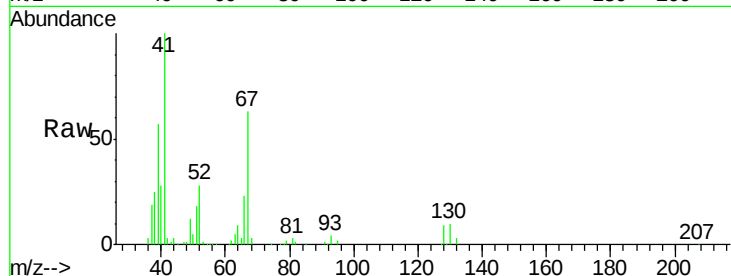
Ion Ratio Lower Upper

41 100

39 58.0 45.8 68.6

67 64.5 51.3 76.9

52 29.3 23.0 34.6

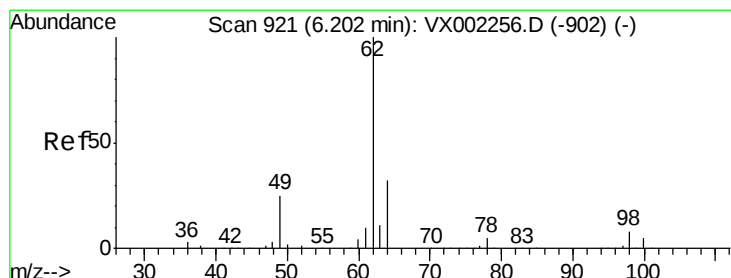
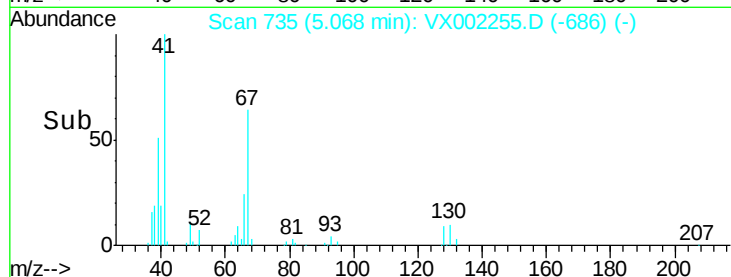
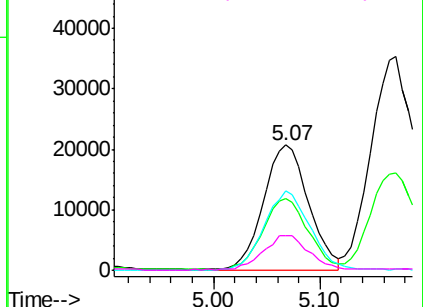


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.88 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002255.D

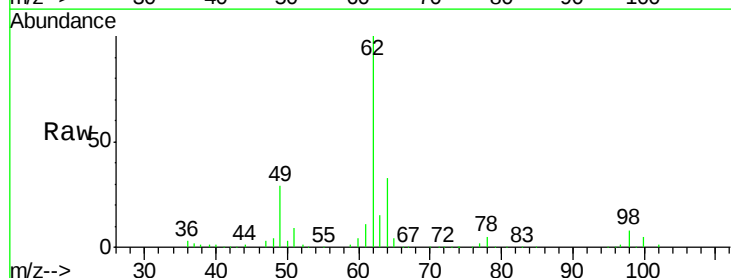
Acq: 04 Jun 2018 10:59

Tgt Ion: 62 Resp: 110198

Ion Ratio Lower Upper

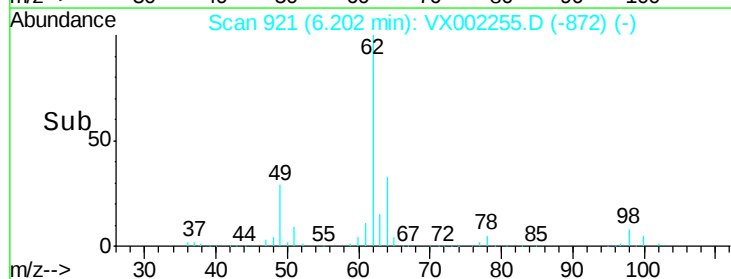
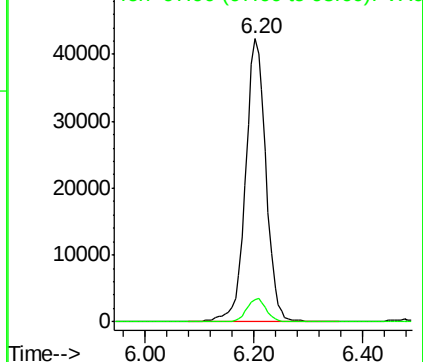
62 100

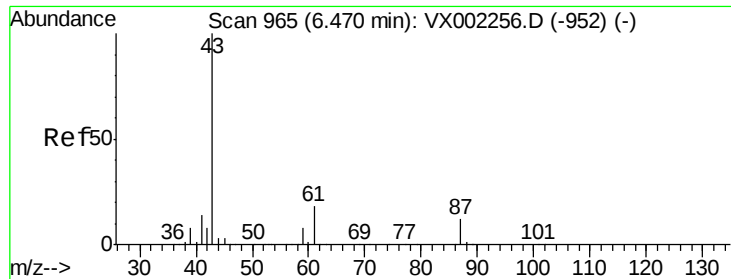
98 8.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

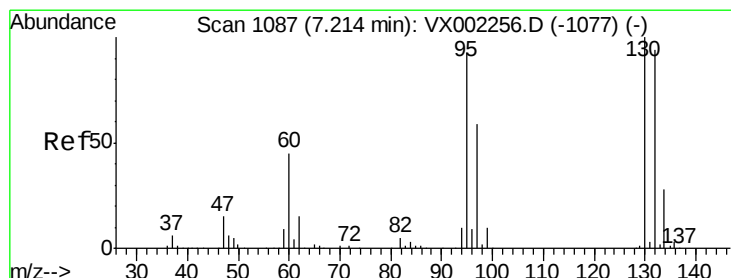
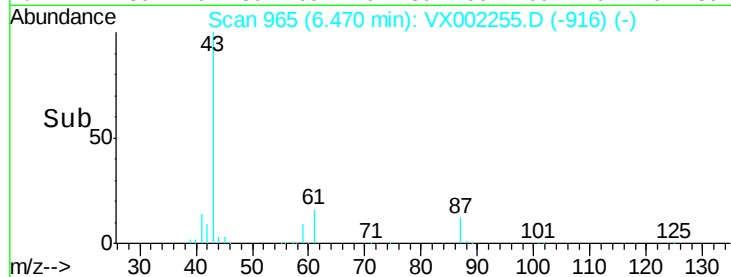
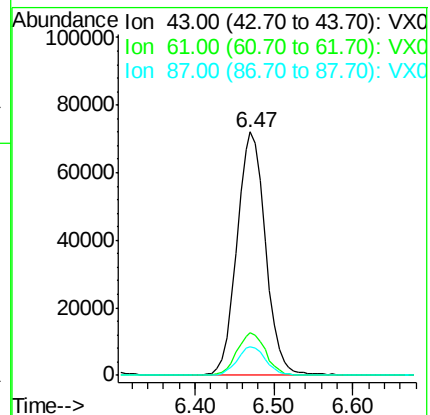
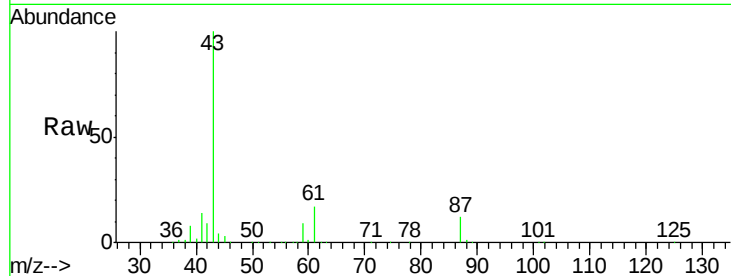
Tgt Ion: 43 Resp: 180662

Ion Ratio Lower Upper

43 100

61 17.6 14.4 21.6

87 11.8 9.5 14.3



#44

Trichloroethene

Concen: 20.57 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002255.D

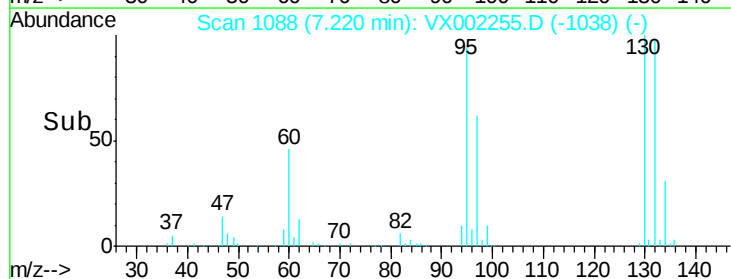
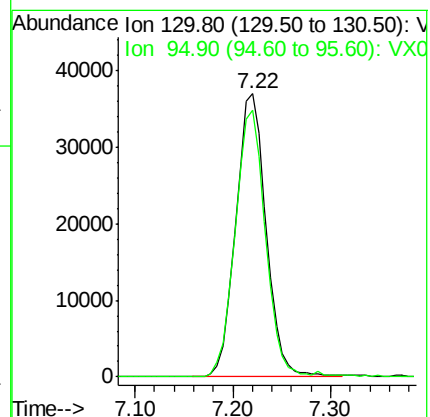
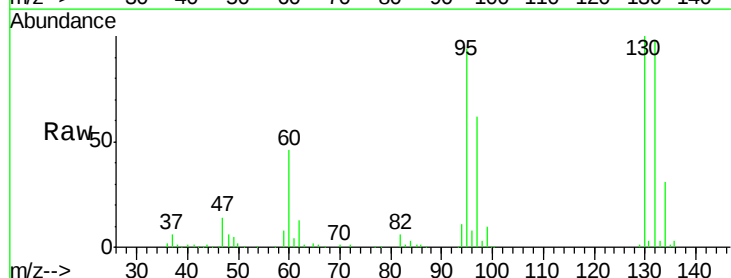
Acq: 04 Jun 2018 10:59

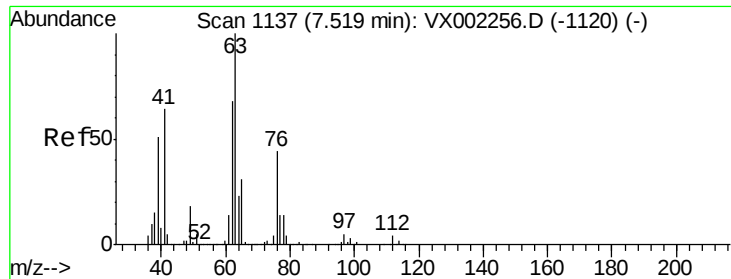
Tgt Ion:130 Resp: 79651

Ion Ratio Lower Upper

130 100

95 94.1 0.0 185.4

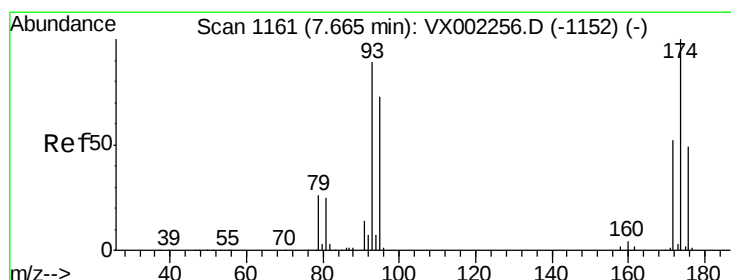
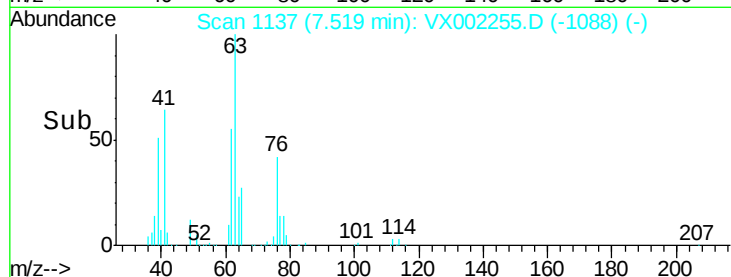
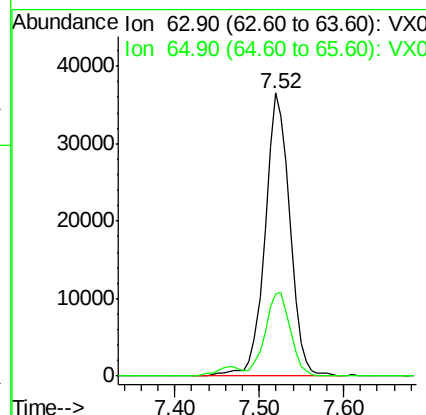
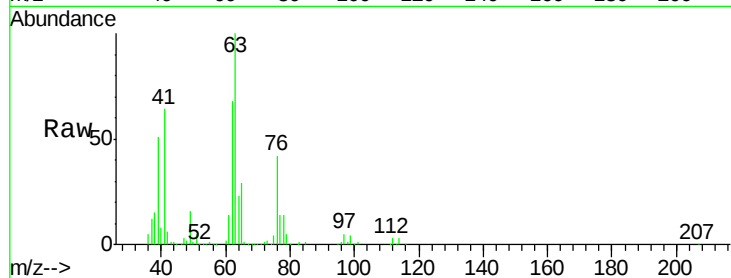




#45
 1,2-Dichloropropane
 Concen: 19.73 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

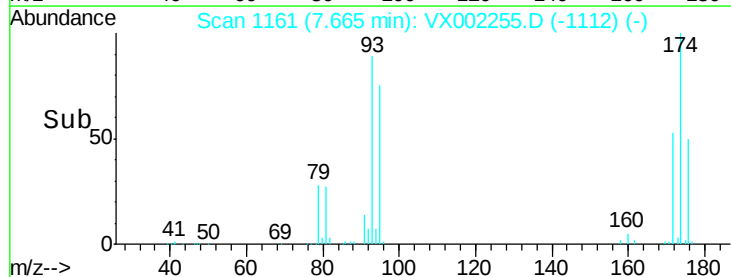
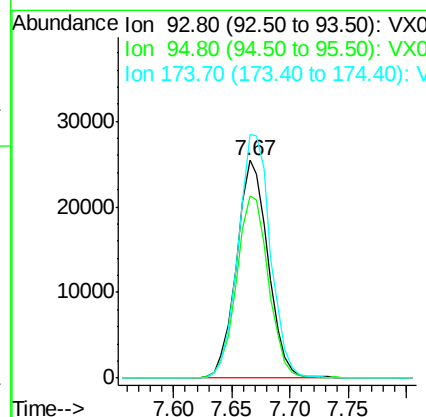
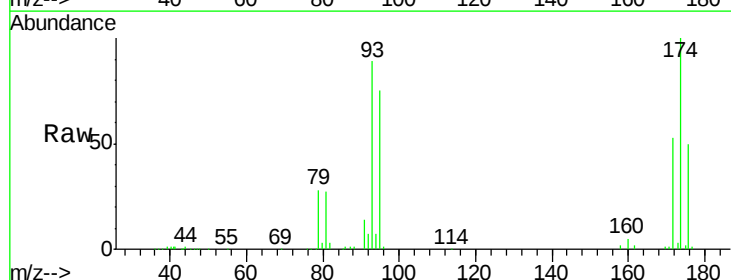
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

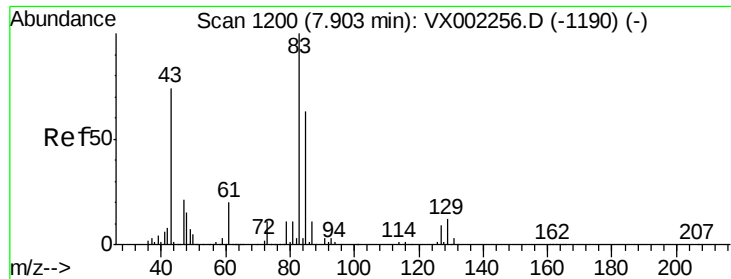
Tgt Ion: 63 Resp: 74339
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.7 37.1



#46
 Dibromomethane
 Concen: 18.90 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion: 93 Resp: 48255
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.9 98.9
 174 114.5 92.4 138.6





#47

Bromodichloromethane

Concen: 19.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

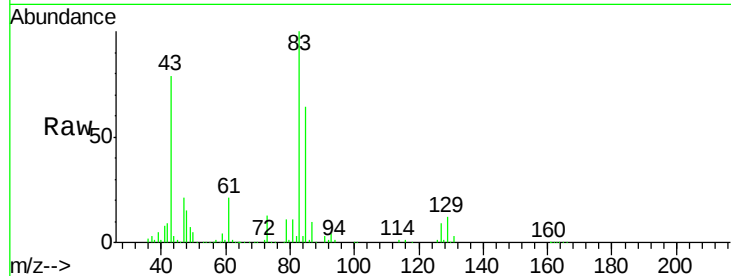
Tgt Ion: 83 Resp: 89362

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

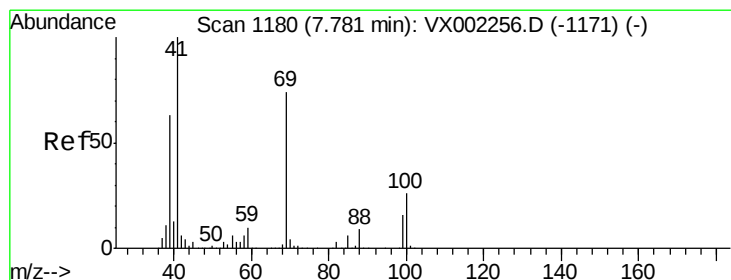
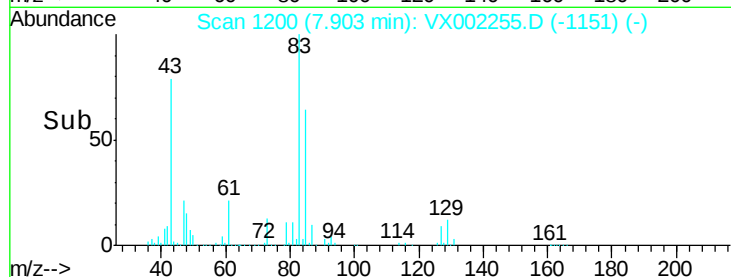
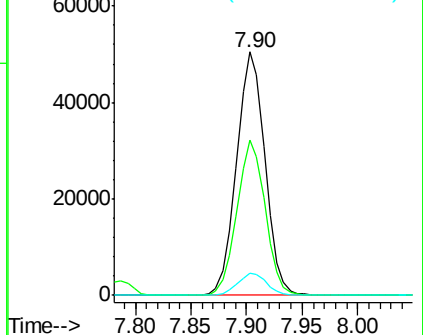
127 8.9 7.0 10.4



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: 19.53 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

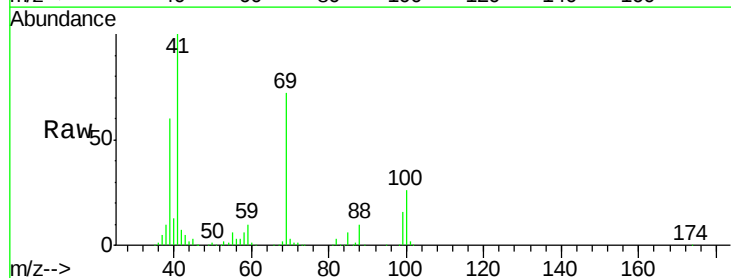
Tgt Ion: 41 Resp: 91209

Ion Ratio Lower Upper

41 100

69 73.7 59.1 88.7

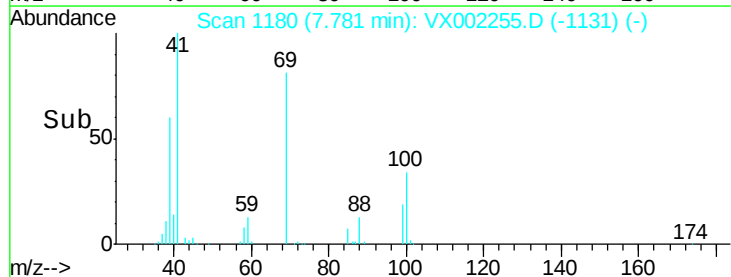
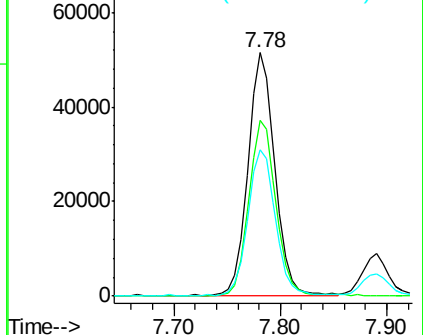
39 61.0 48.9 73.3

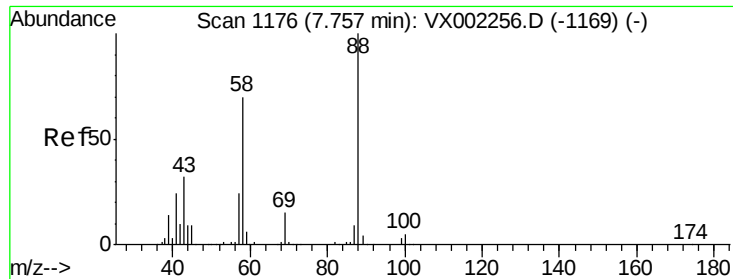


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

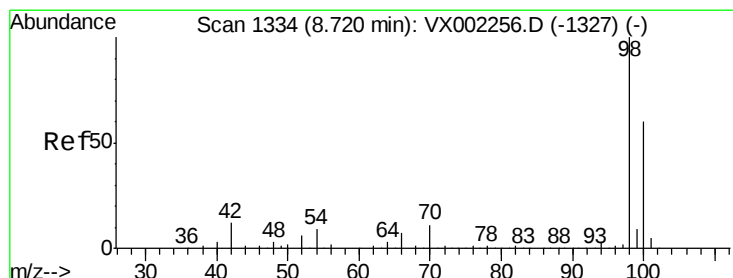
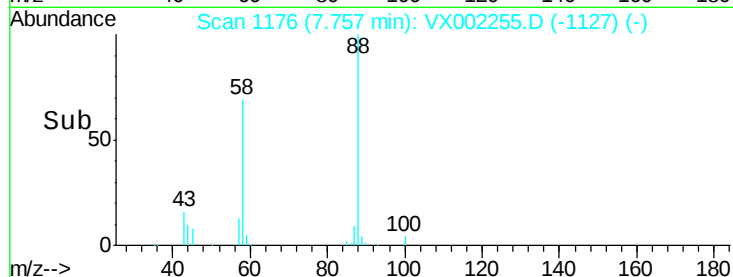
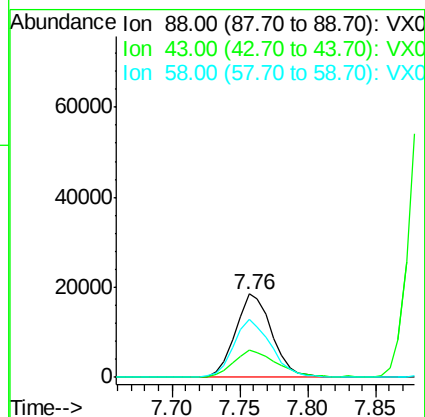
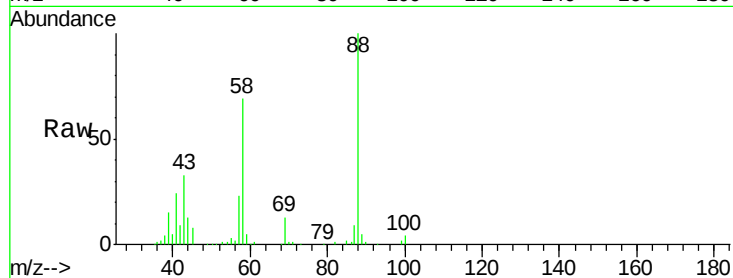




#49
1,4-Dioxane
Concen: 396.37 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

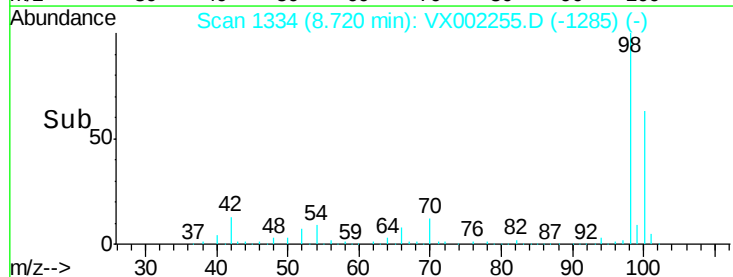
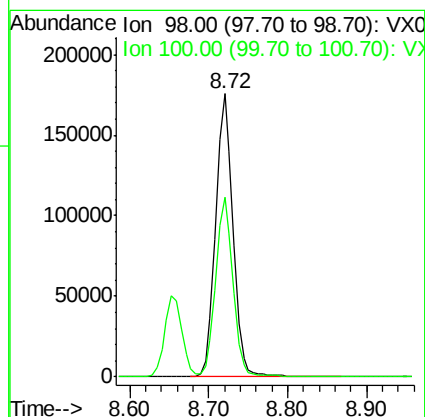
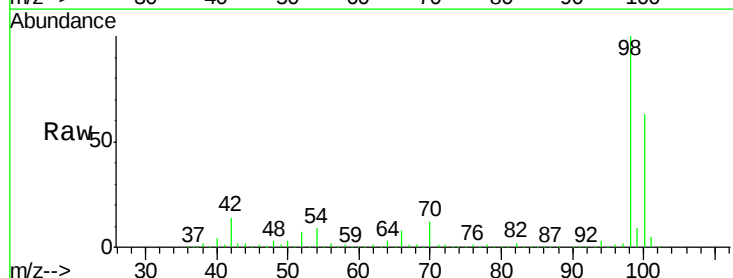
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

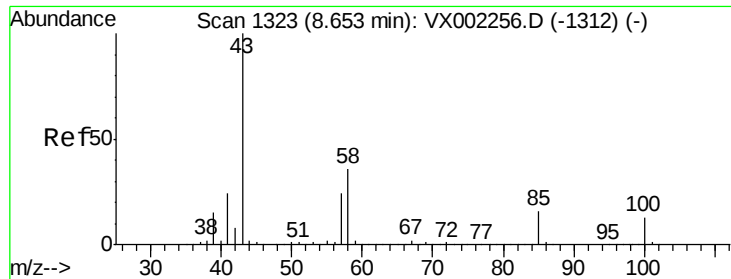
Tgt Ion: 88 Resp: 34605
Ion Ratio Lower Upper
88 100
43 38.3 29.8 44.6
58 71.1 57.1 85.7



#50
Toluene-d8
Concen: 20.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 98 Resp: 269927
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 99.37 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

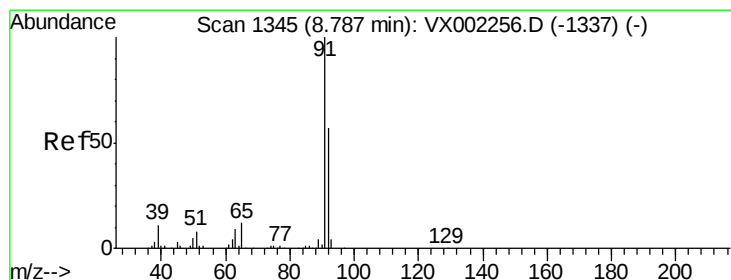
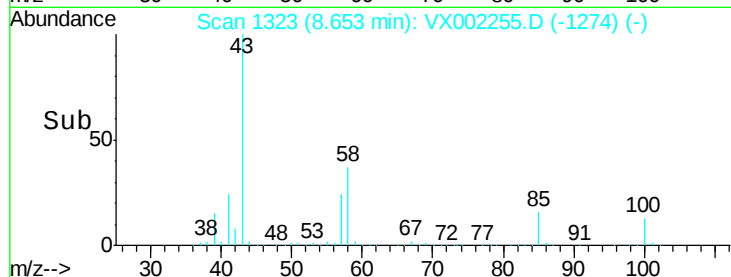
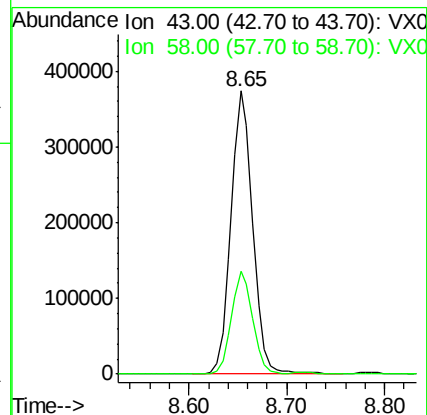
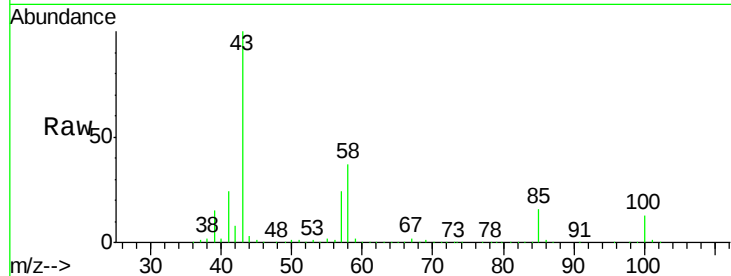
VSTDIC020

Tgt Ion: 43 Resp: 575215

Ion Ratio Lower Upper

43 100

58 35.5 28.6 42.8



#52

Toluene

Concen: 20.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002255.D

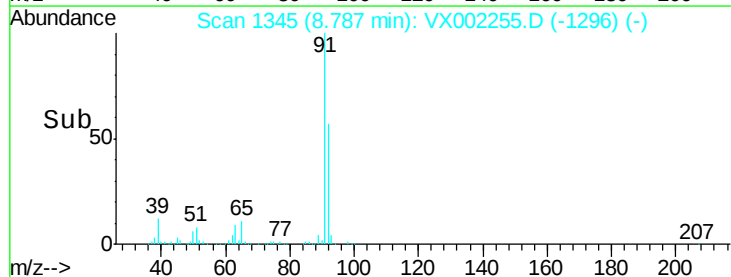
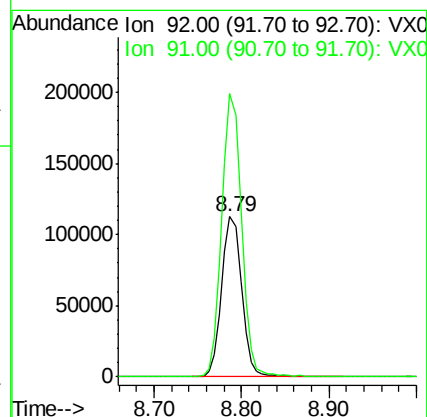
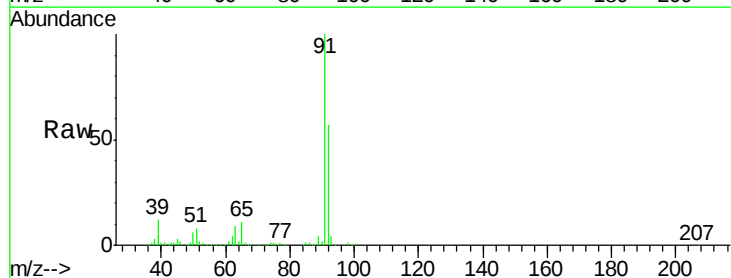
Acq: 04 Jun 2018 10:59

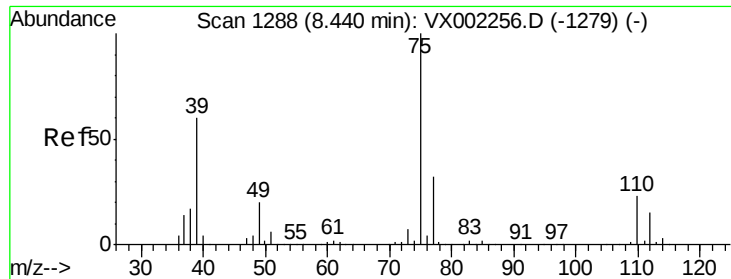
Tgt Ion: 92 Resp: 180305

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6

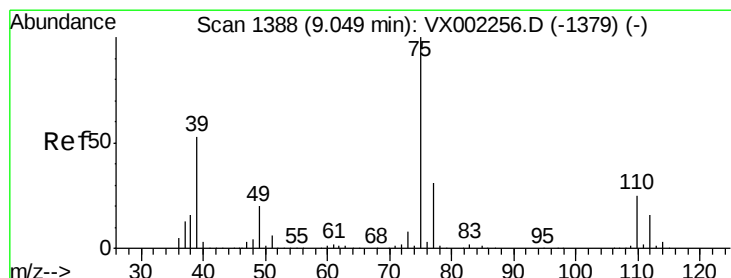
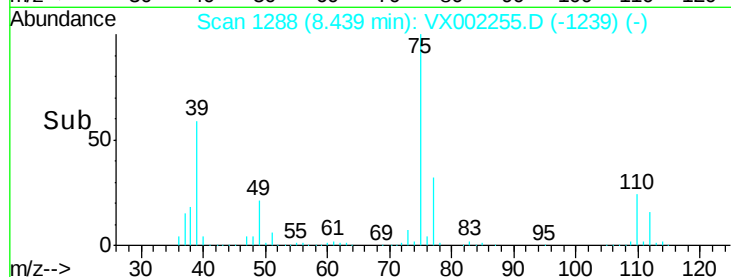
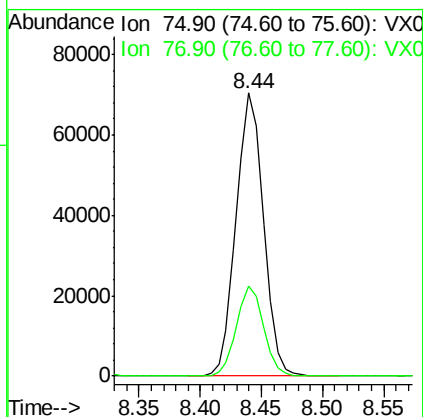
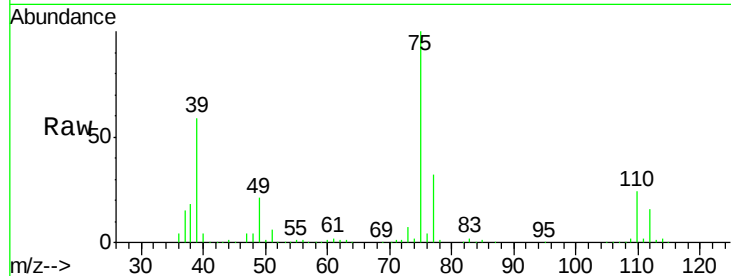




#53
t-1,3-Dichloropropene
Concen: 19.75 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

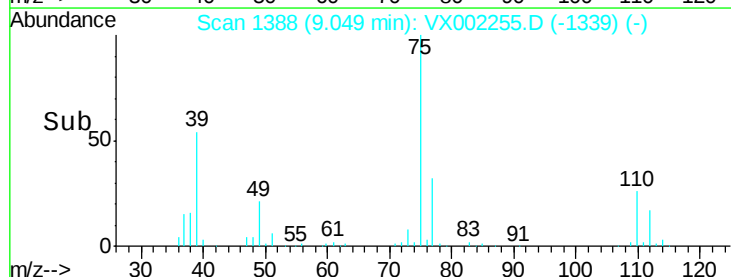
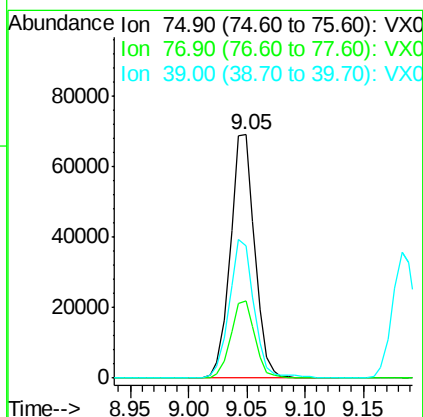
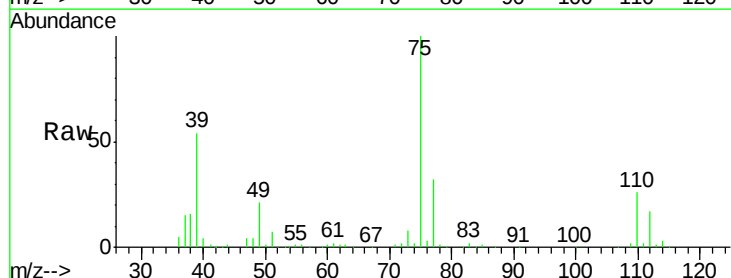
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

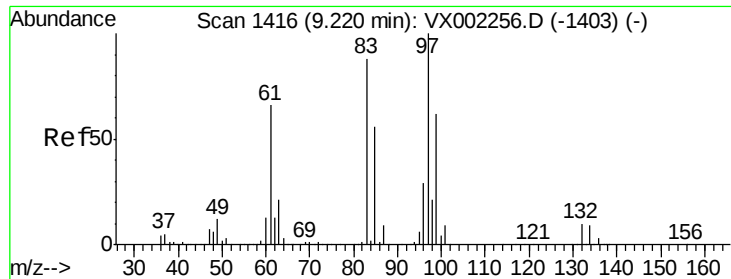
Tgt Ion: 75 Resp: 109374
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.26 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 75 Resp: 100641
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 54.2 42.4 63.6

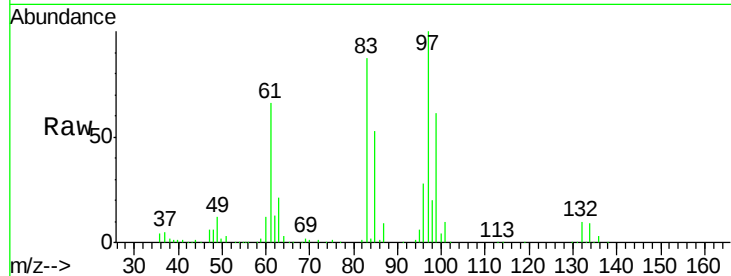




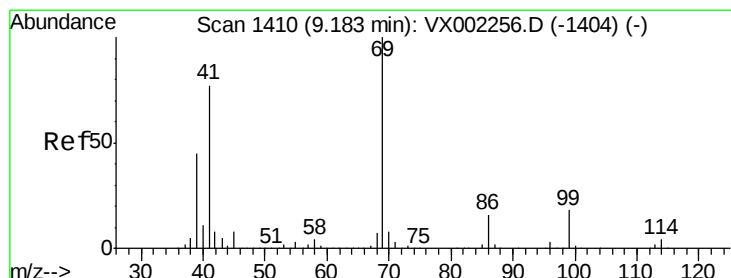
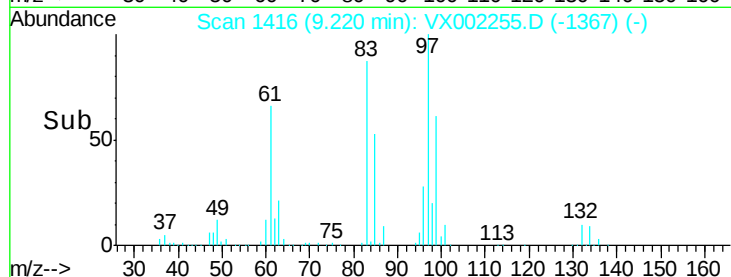
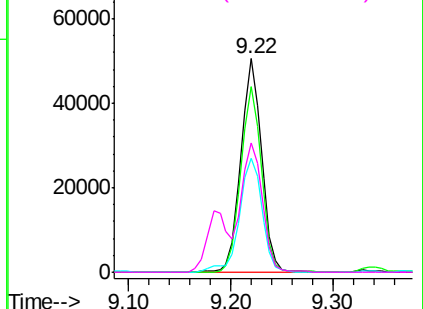
#55
 1,1,2-Trichloroethane
 Concen: 19.55 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 71363
 Ion Ratio Lower Upper
 97 100
 83 86.9 70.2 105.2
 85 53.2 44.9 67.3
 99 60.4 49.8 74.8

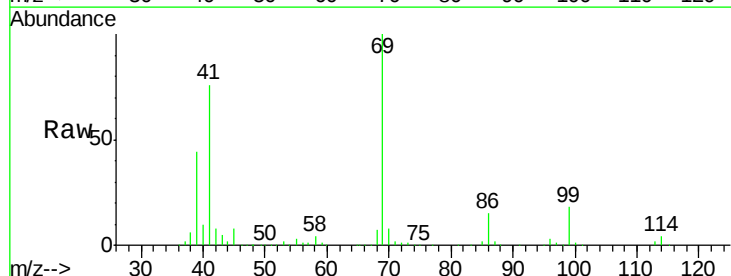


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

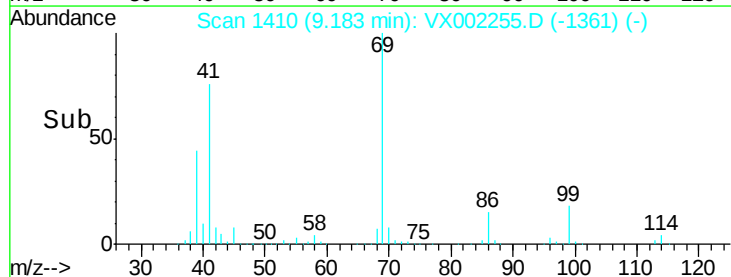
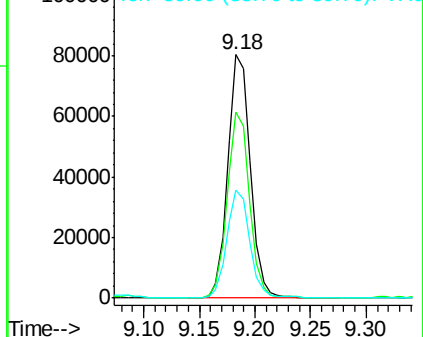


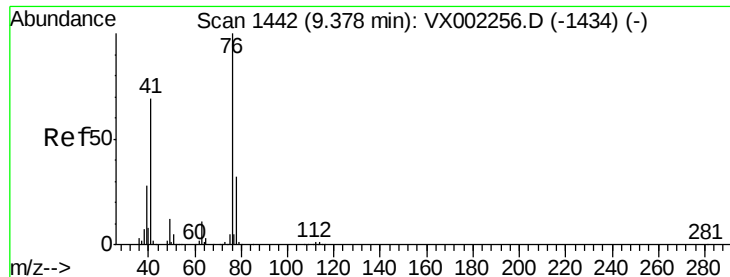
#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion: 69 Resp: 112387
 Ion Ratio Lower Upper
 69 100
 41 75.1 60.3 90.5
 39 45.0 35.8 53.8



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





#57

1,3-Dichloropropane

Concen: 19.69 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

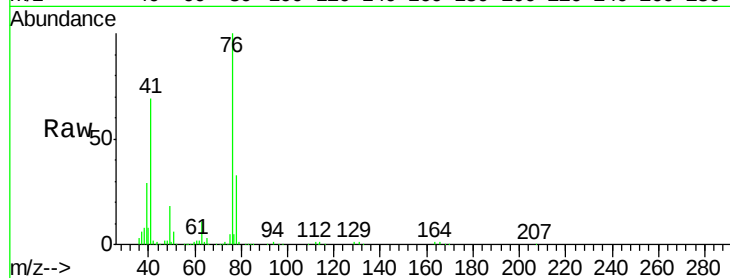
VSTDIC020

Tgt Ion: 76 Resp: 120578

Ion Ratio Lower Upper

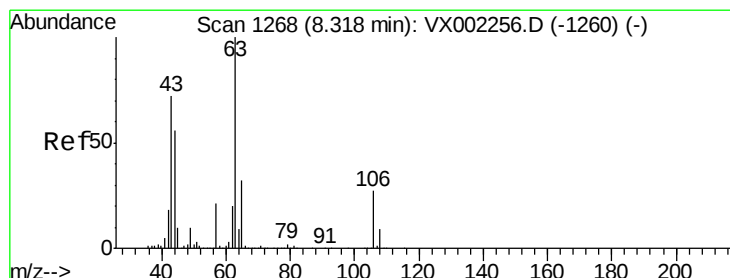
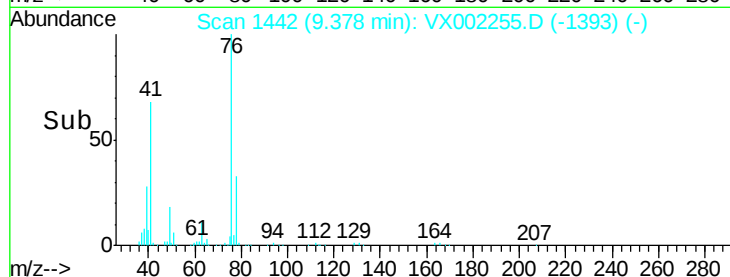
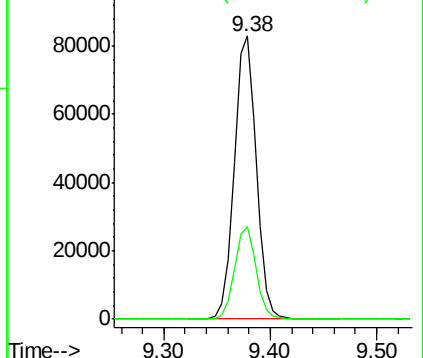
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.26 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002255.D

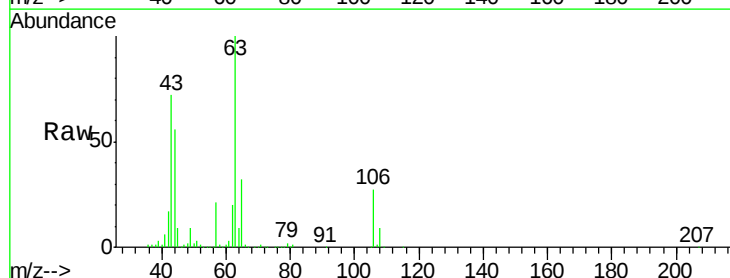
Acq: 04 Jun 2018 10:59

Tgt Ion: 63 Resp: 267729

Ion Ratio Lower Upper

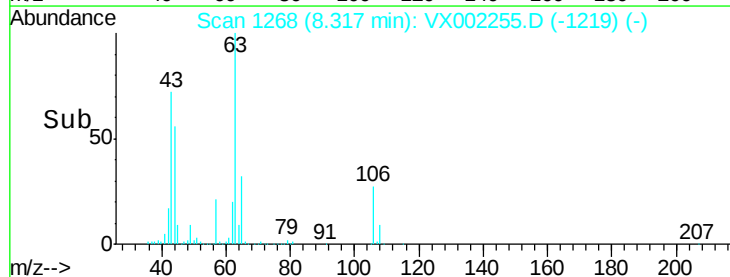
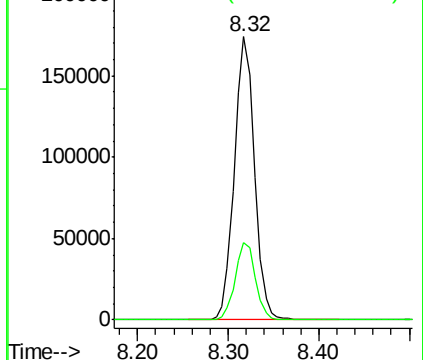
63 100

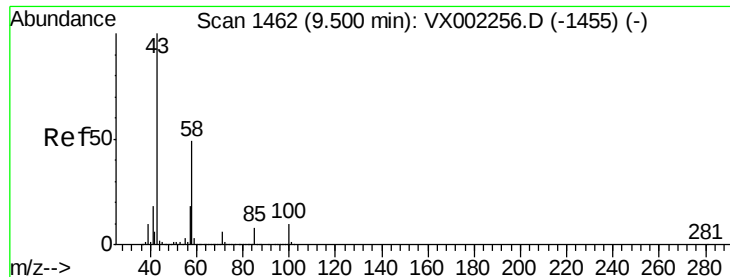
106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

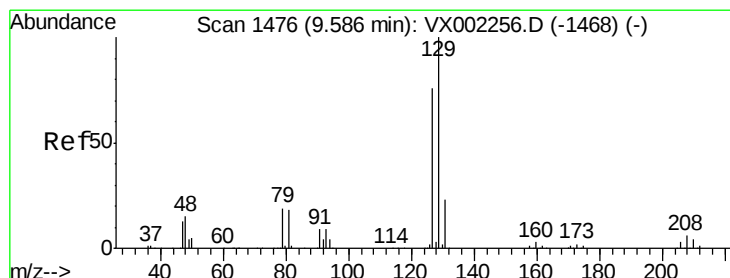
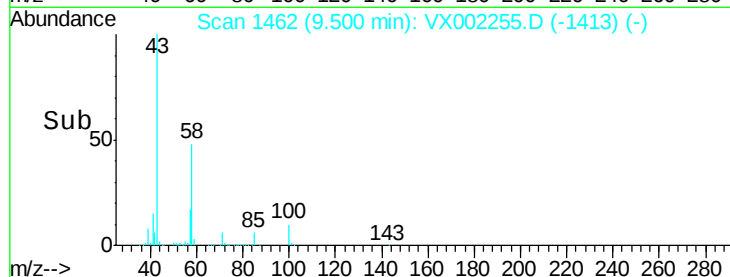
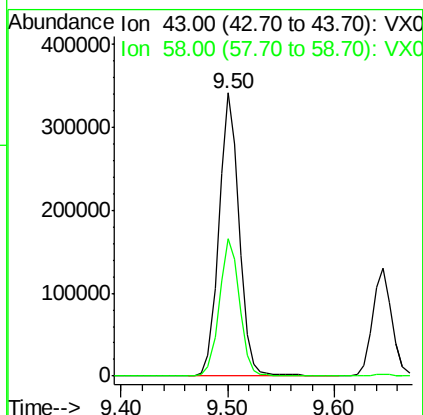
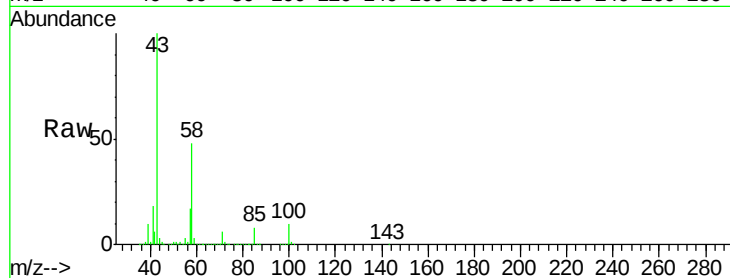




#59
2-Hexanone
Concen: 100.71 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

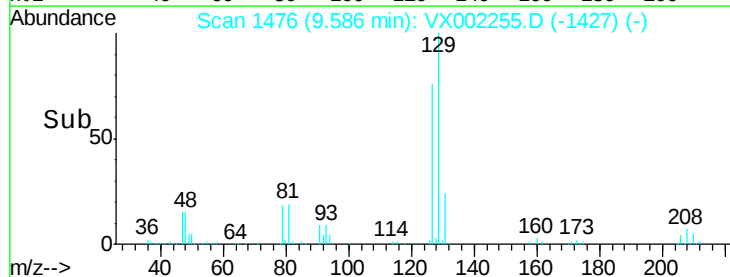
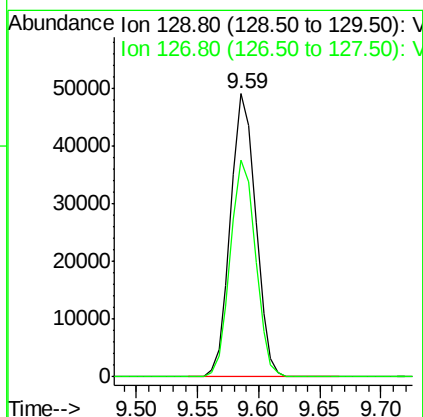
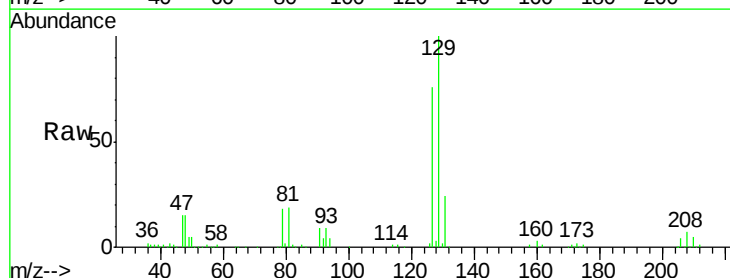
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

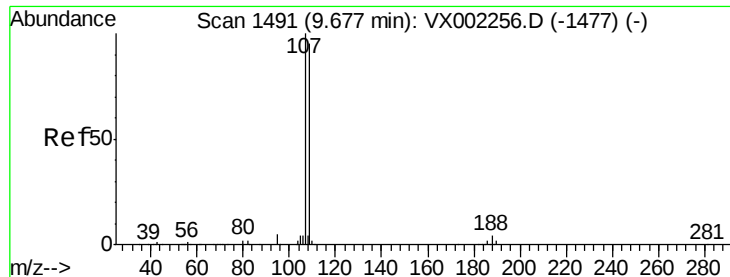
Tgt Ion: 43 Resp: 450314
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#60
Dibromochloromethane
Concen: 19.10 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 129 Resp: 70108
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

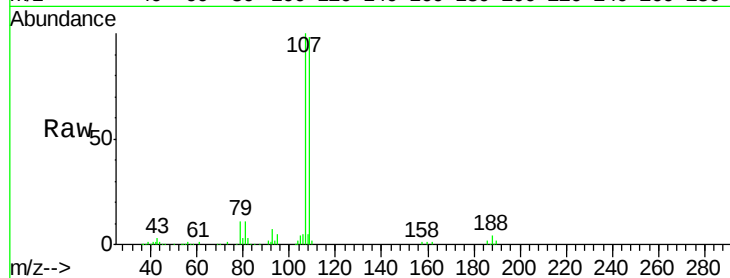
VSTDIC020

Tgt Ion: 107 Resp: 73981

Ion Ratio Lower Upper

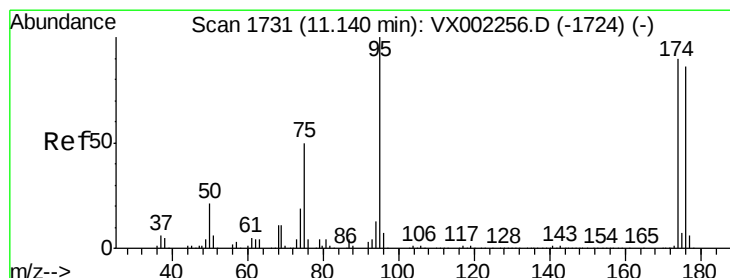
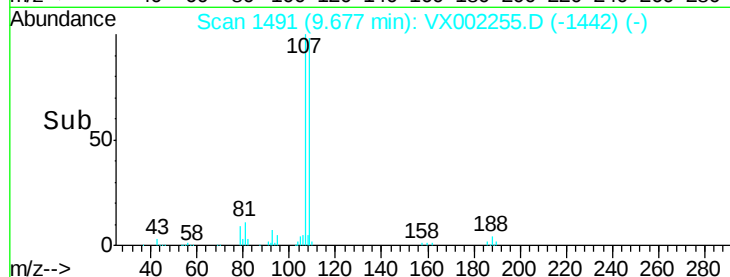
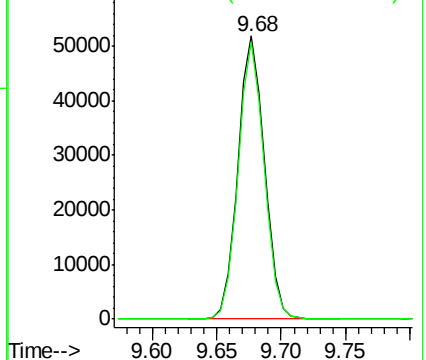
107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

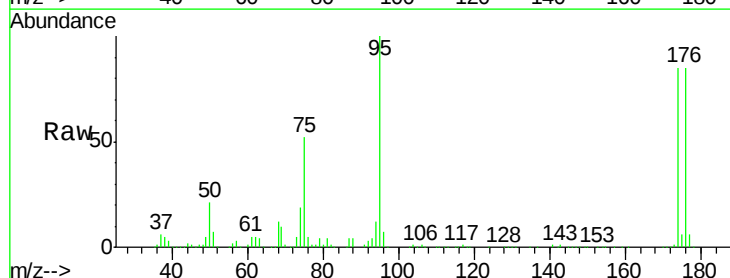
Tgt Ion: 95 Resp: 98980

Ion Ratio Lower Upper

95 100

174 91.9 0.0 187.4

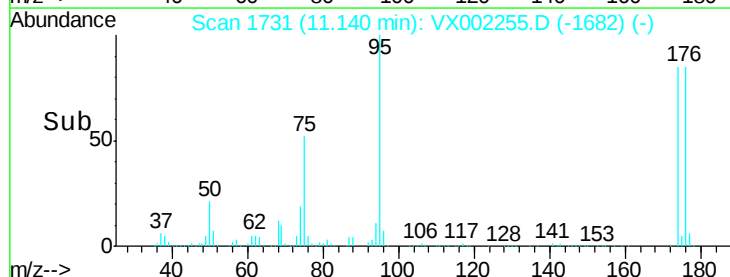
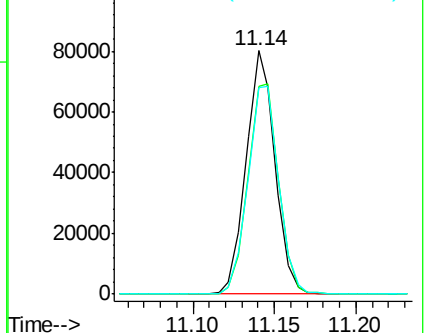
176 91.6 0.0 181.0

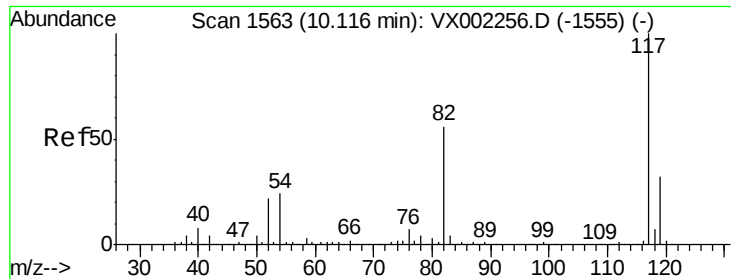


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

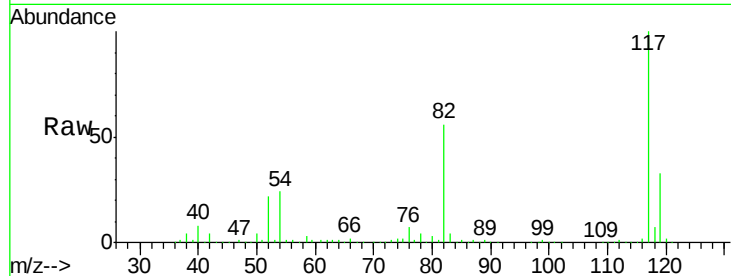




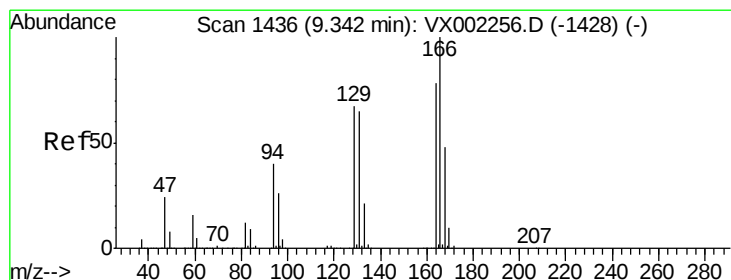
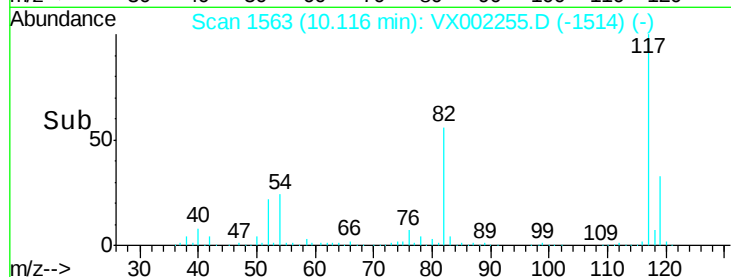
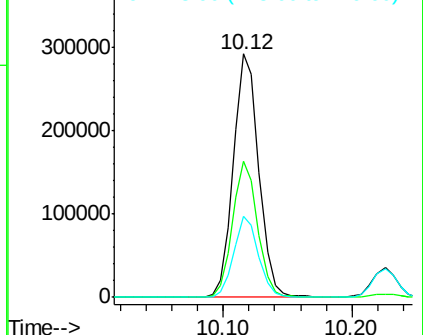
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 403146
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 33.3 25.8 38.6



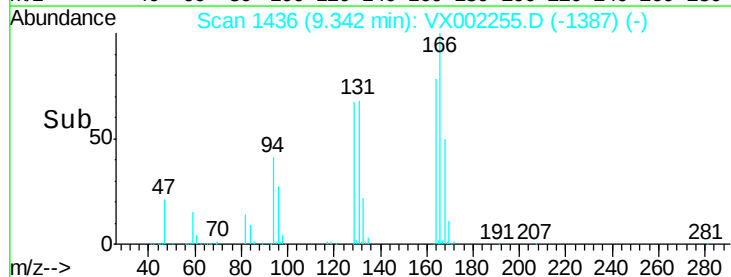
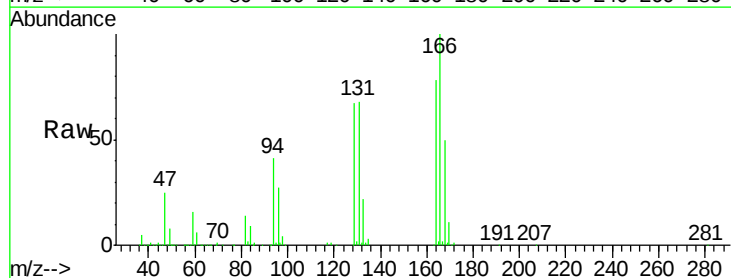
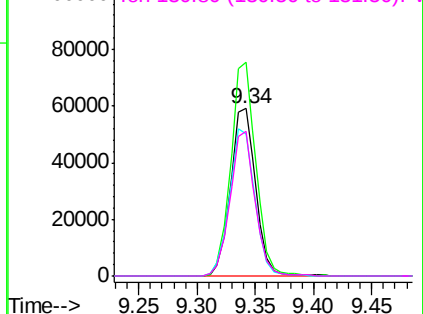
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

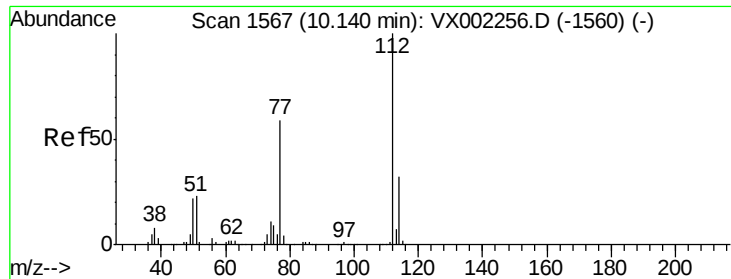


#64
Tetrachloroethene
Concen: 21.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion:164 Resp: 89056
Ion Ratio Lower Upper
164 100
166 127.5 102.9 154.3
129 85.1 68.6 102.8
131 86.4 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

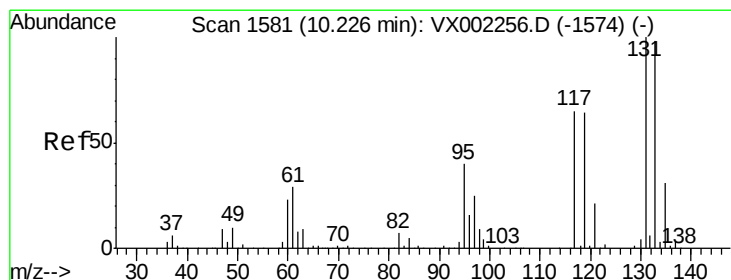
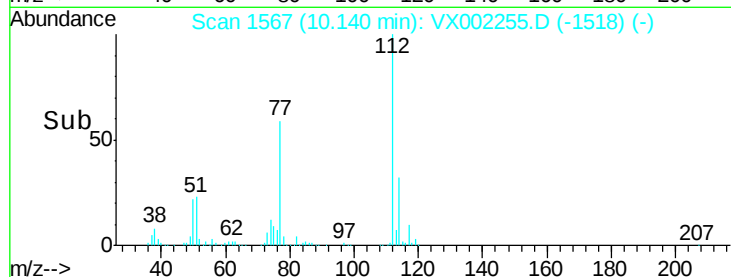
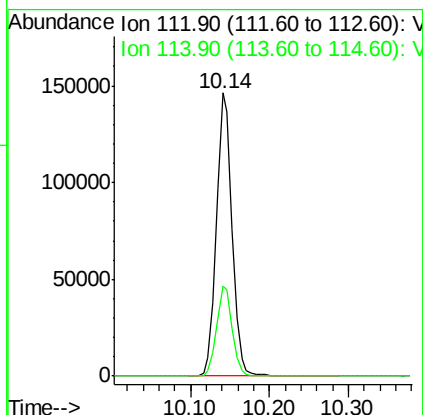
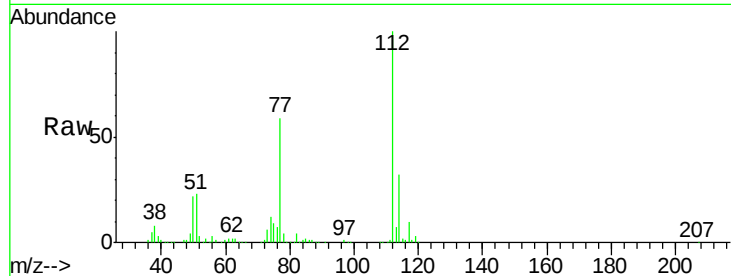




#65
Chlorobenzene
Concen: 20.13 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

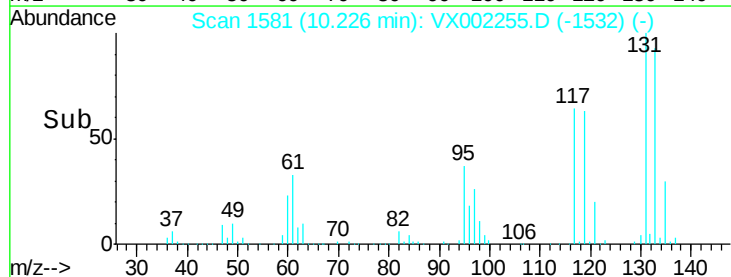
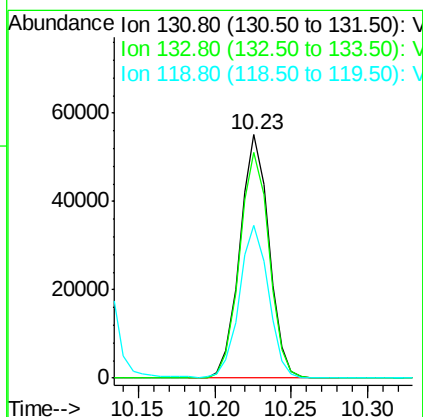
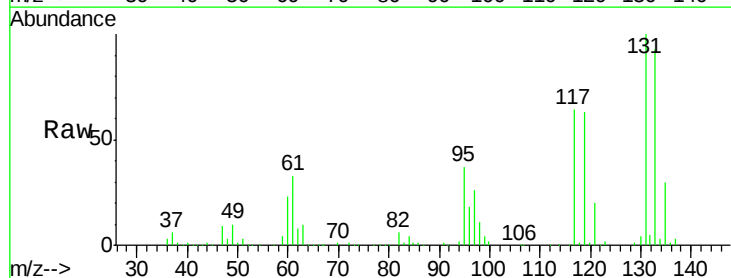
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

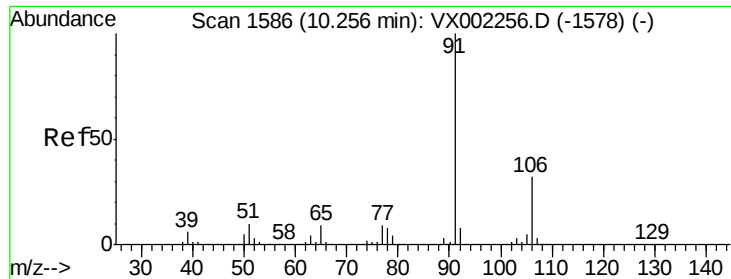
Tgt Ion:112 Resp: 201923
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.01 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion:131 Resp: 72695
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 63.3 31.8 95.3

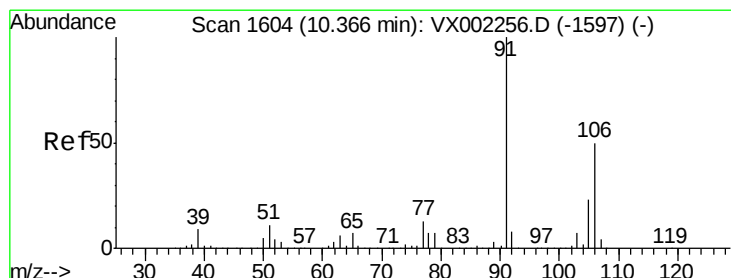
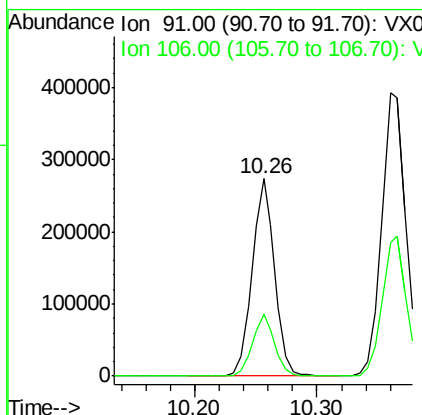
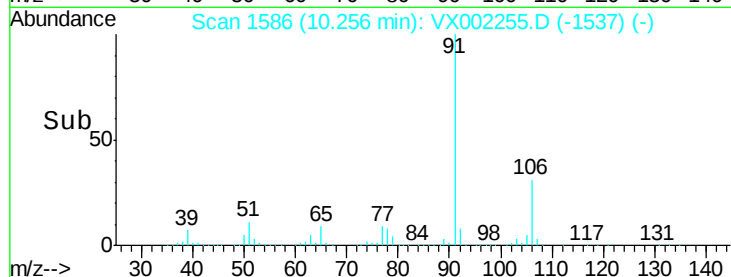
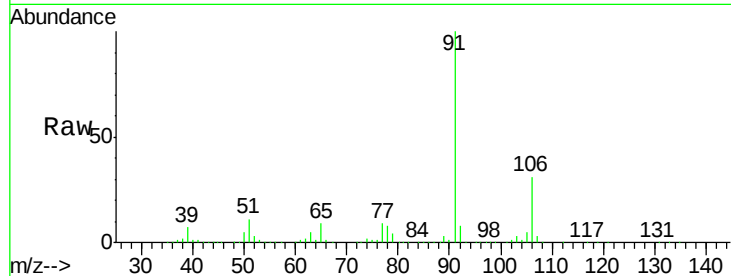




#67
Ethyl Benzene
Concen: 20.86 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

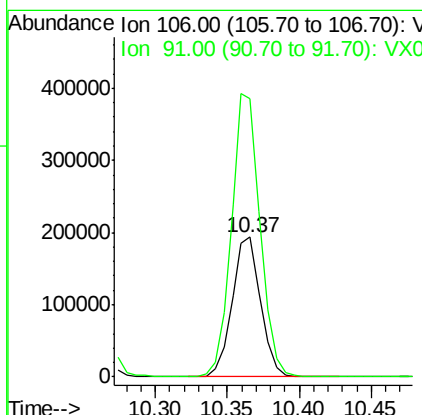
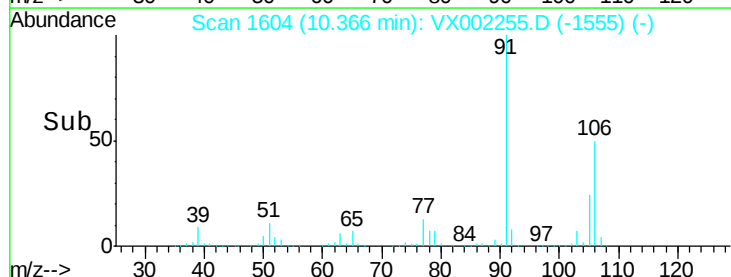
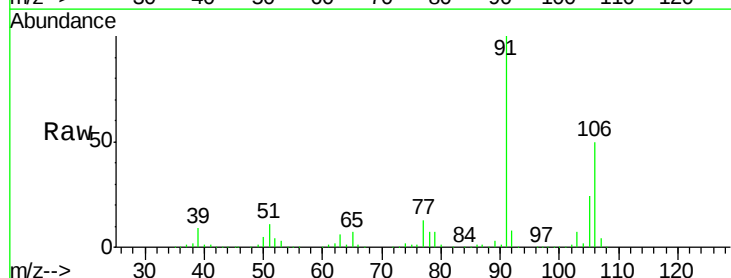
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

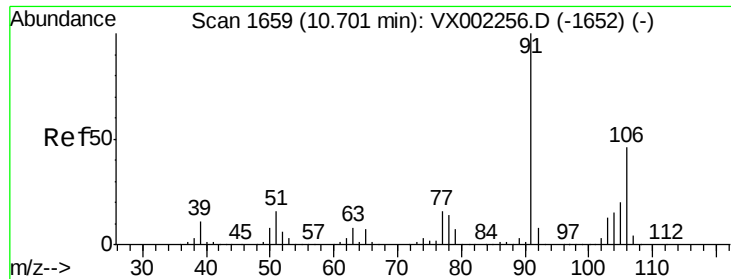
Tgt Ion: 91 Resp: 350245
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 40.93 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 106 Resp: 267130
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.2

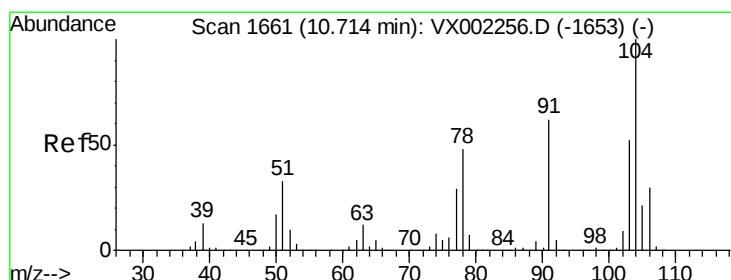
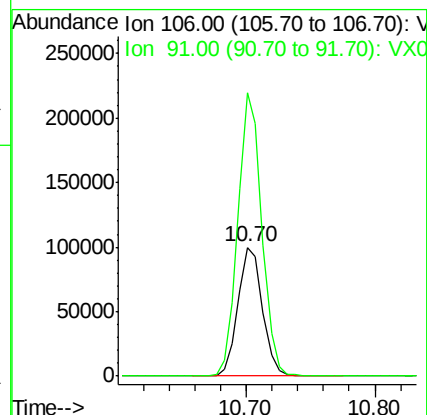
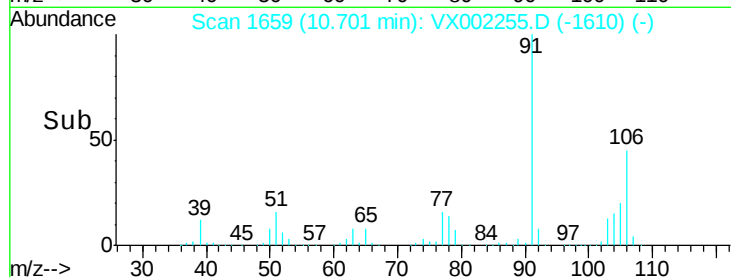
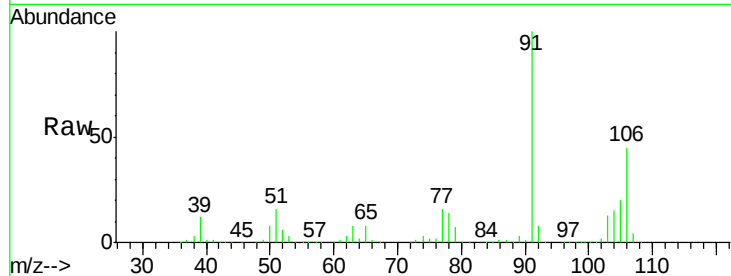




#69
o-Xylene
Concen: 20.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

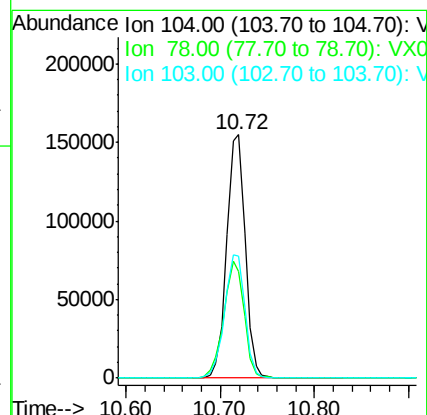
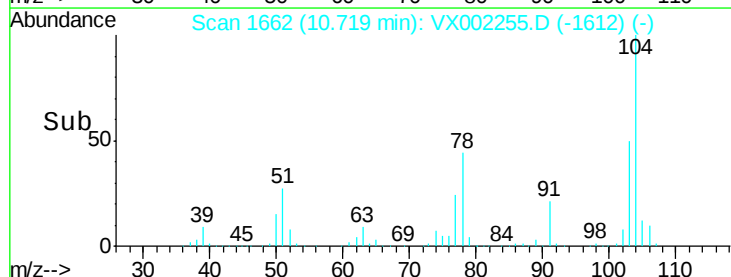
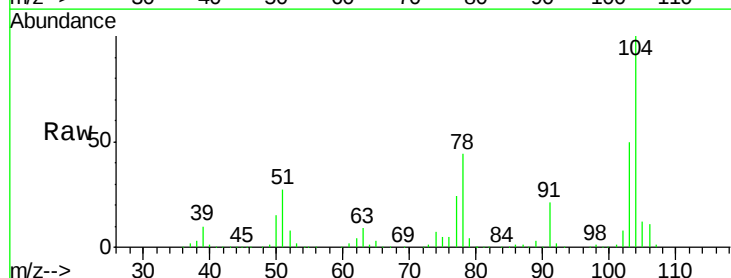
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

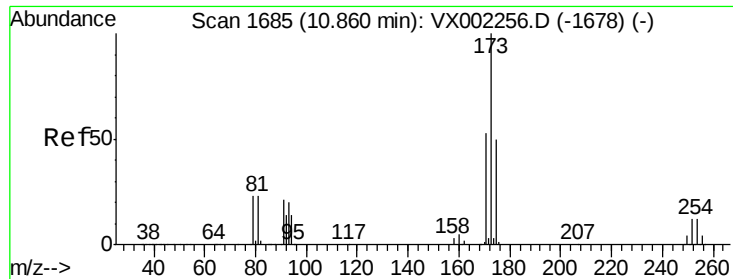
Tgt Ion:106 Resp: 132454
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6



#70
Styrene
Concen: 19.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion:104 Resp: 212224
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 18.45 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

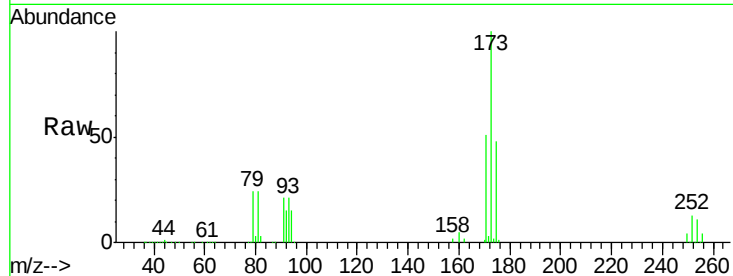
Tgt Ion:173 Resp: 53136

Ion Ratio Lower Upper

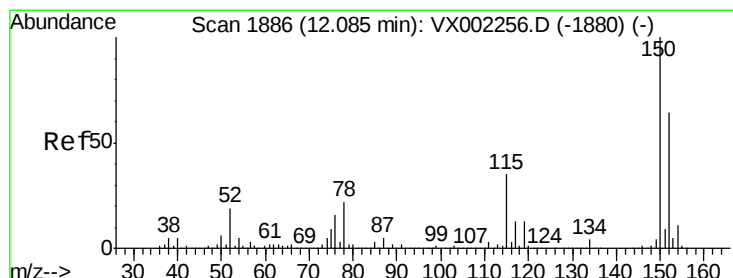
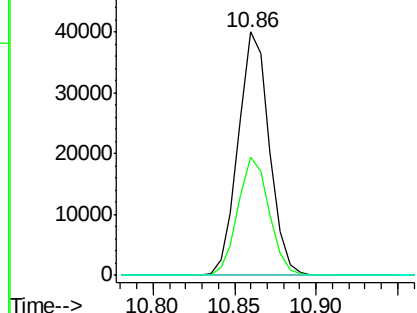
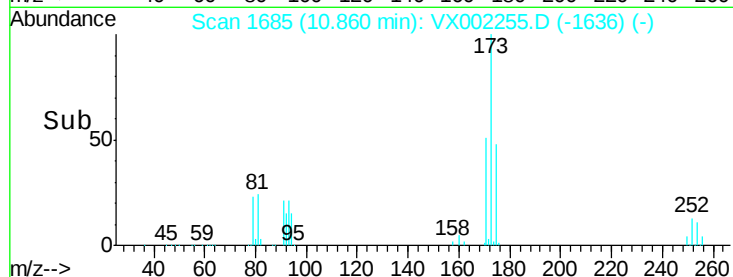
173 100

175 48.9 24.7 74.1

254 0.2 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

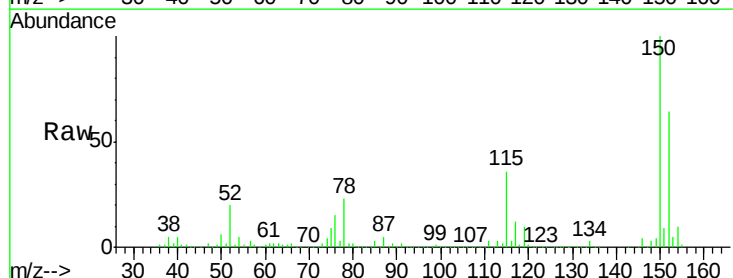
Tgt Ion:152 Resp: 240256

Ion Ratio Lower Upper

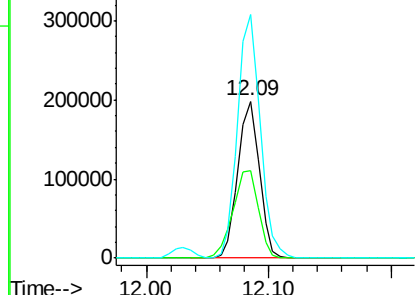
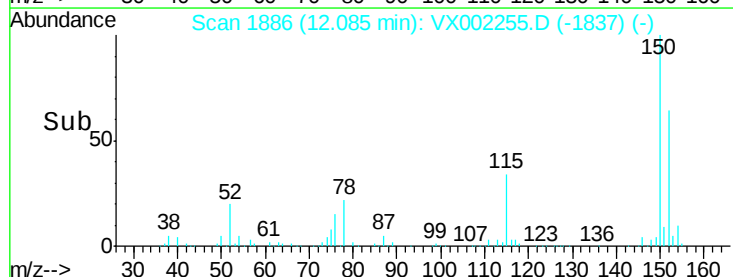
152 100

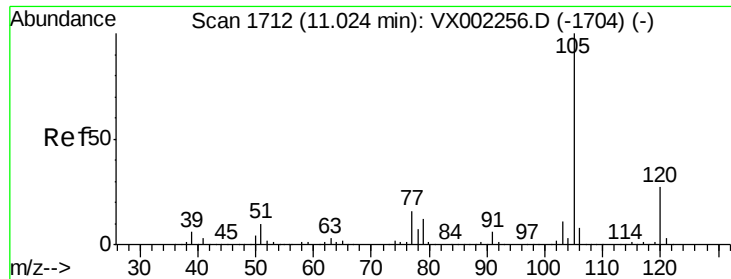
115 66.3 40.1 120.2

150 164.1 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: 21.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

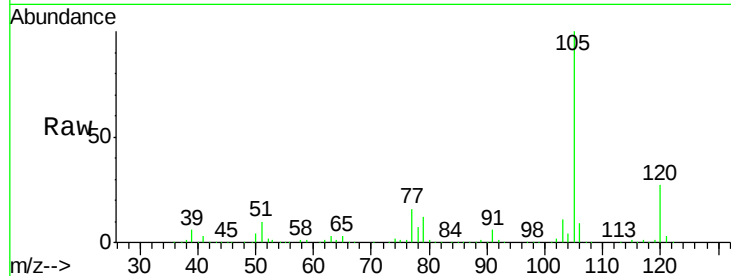
VSTDIC020

Tgt Ion:105 Resp: 359755

Ion Ratio Lower Upper

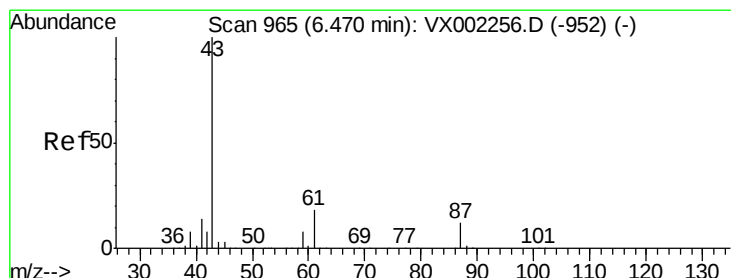
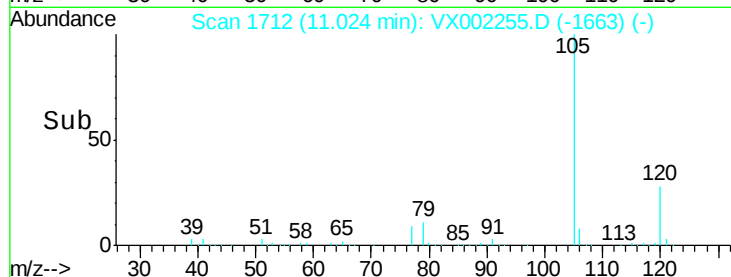
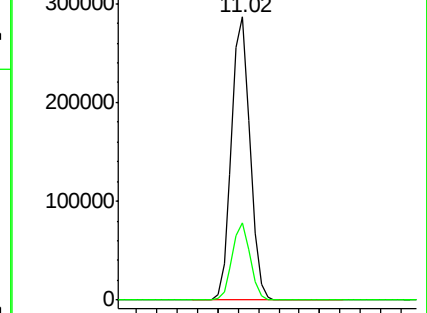
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.06 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Tgt Ion: 43 Resp: 180662

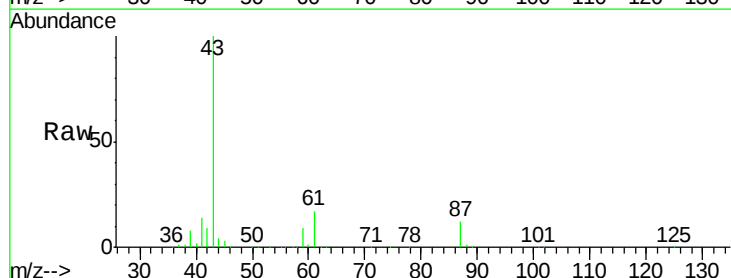
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.6 14.4 21.6

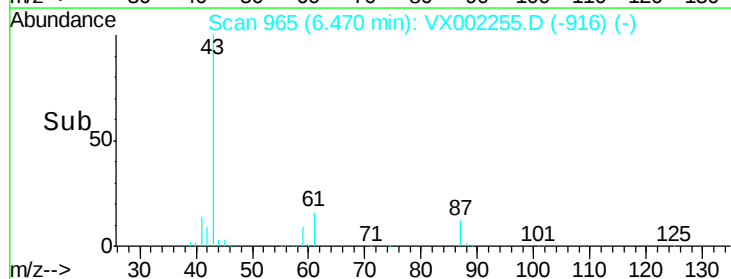
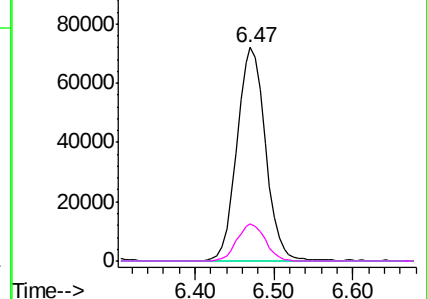


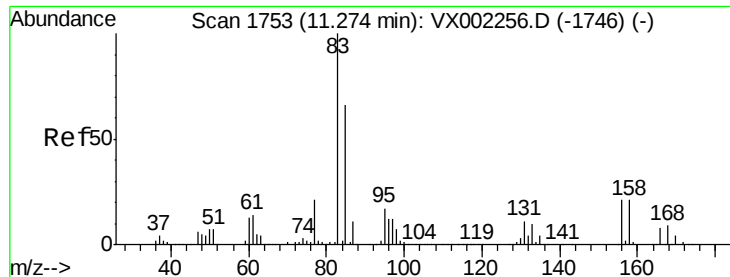
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

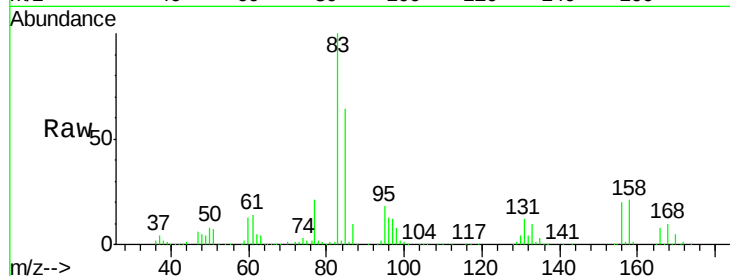
Tgt Ion: 83 Resp: 101586

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

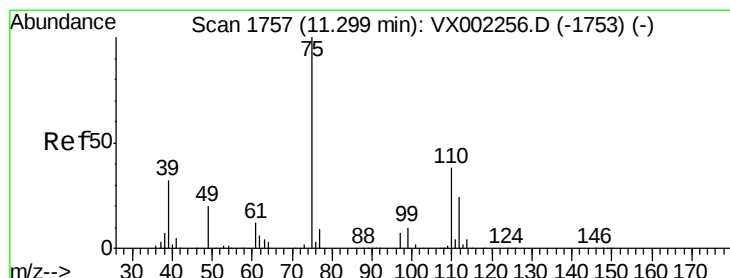
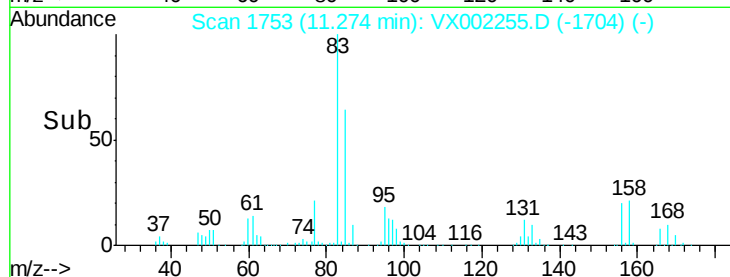
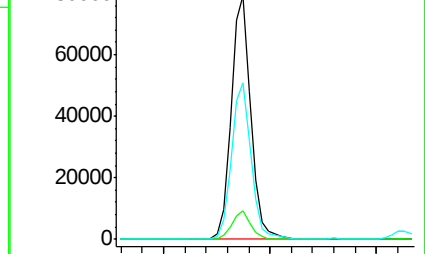
85 64.8 32.4 97.2



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: 25.65 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002255.D

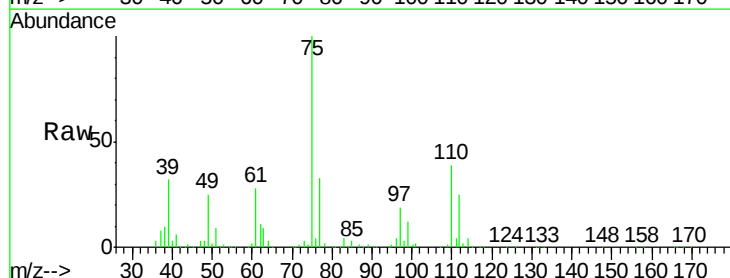
Acq: 04 Jun 2018 10:59

Tgt Ion: 75 Resp: 123608

Ion Ratio Lower Upper

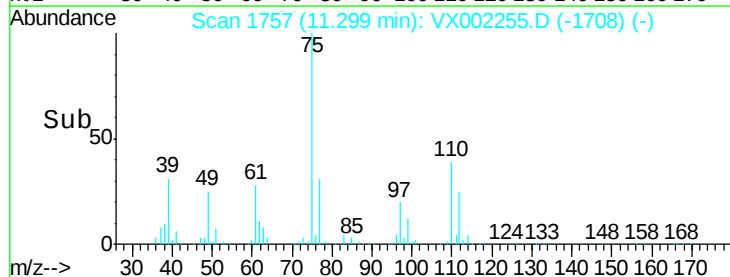
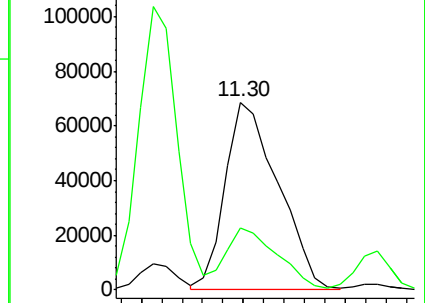
75 100

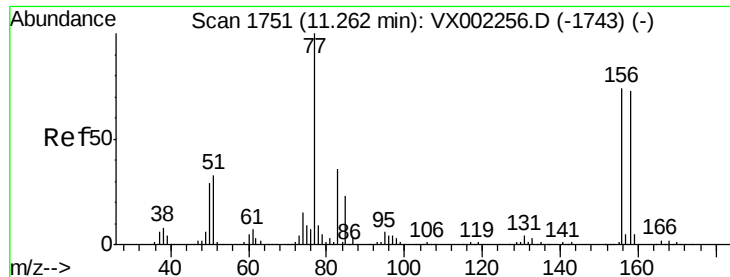
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.13 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

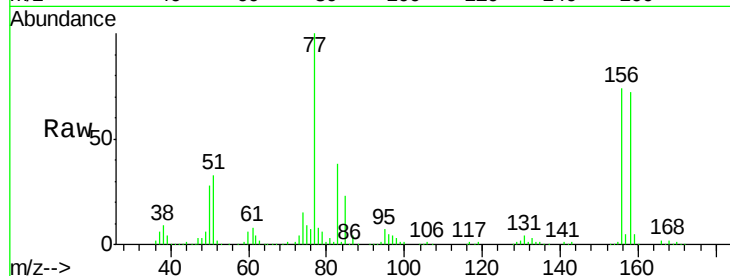
Tgt Ion:156 Resp: 94463

Ion Ratio Lower Upper

156 100

77 143.3 71.4 214.2

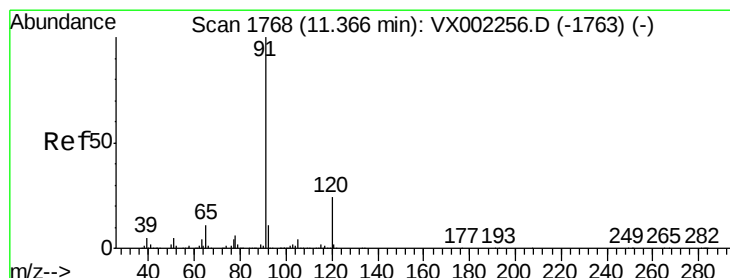
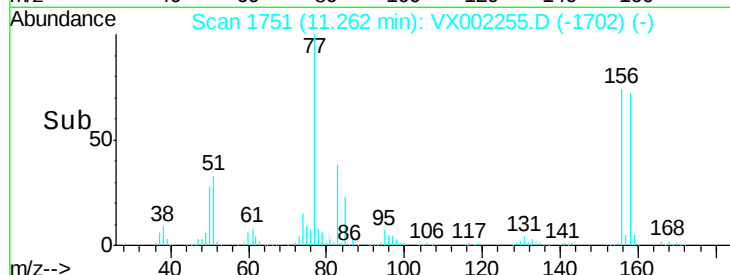
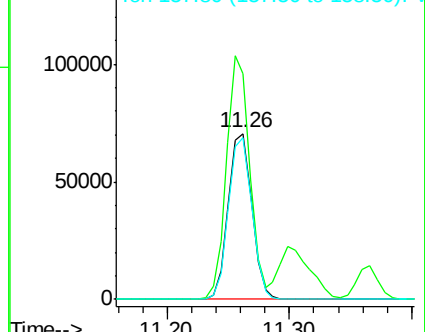
158 96.6 48.9 146.6



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: 21.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002255.D

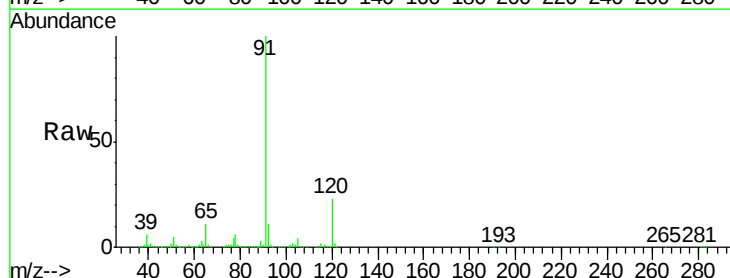
Acq: 04 Jun 2018 10:59

Tgt Ion: 91 Resp: 405025

Ion Ratio Lower Upper

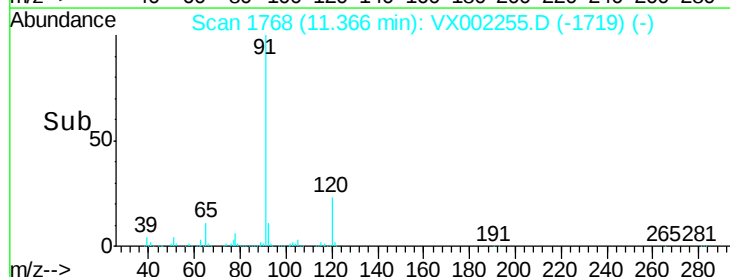
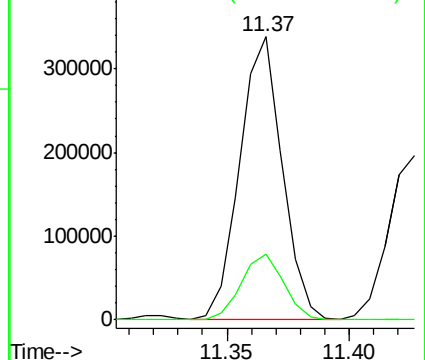
91 100

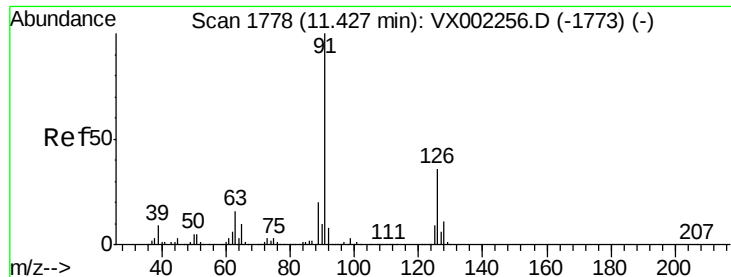
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.57 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

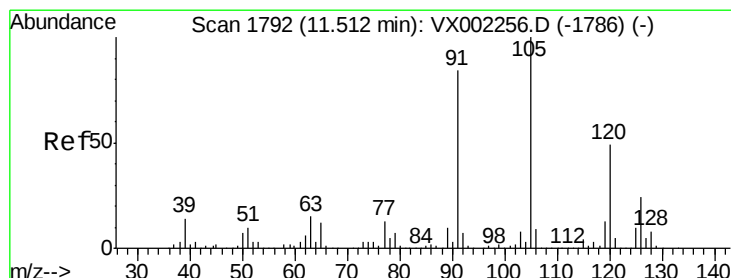
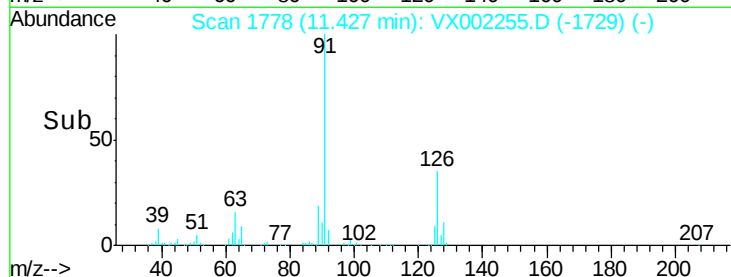
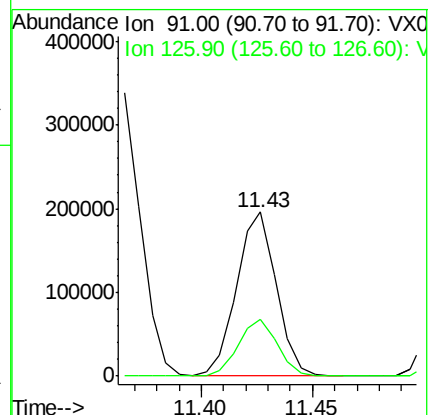
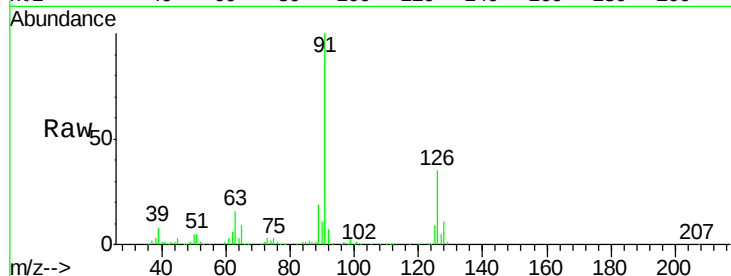
VSTDIC020

Tgt Ion: 91 Resp: 241233

Ion Ratio Lower Upper

91 100

126 34.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002255.D

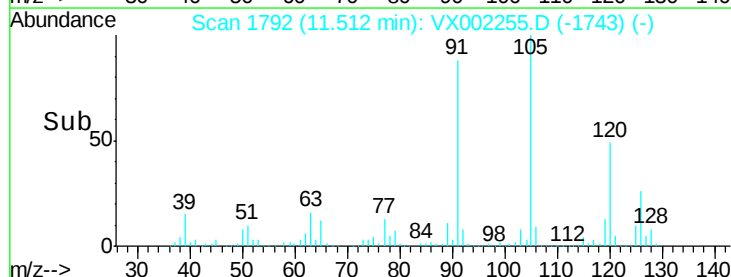
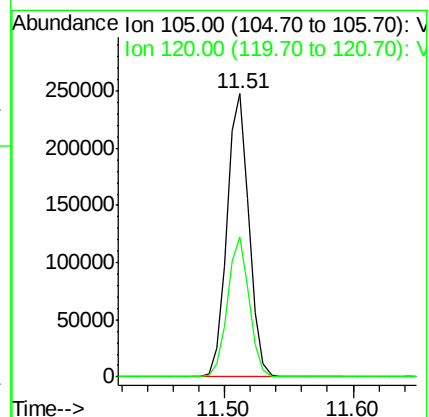
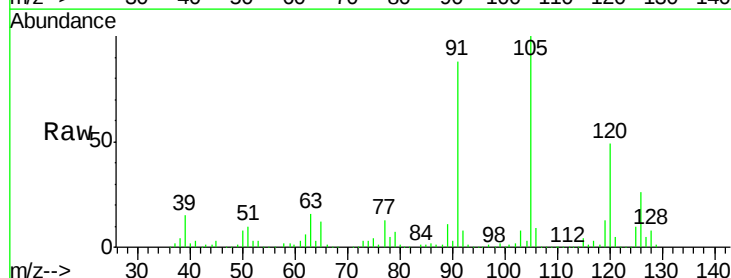
Acq: 04 Jun 2018 10:59

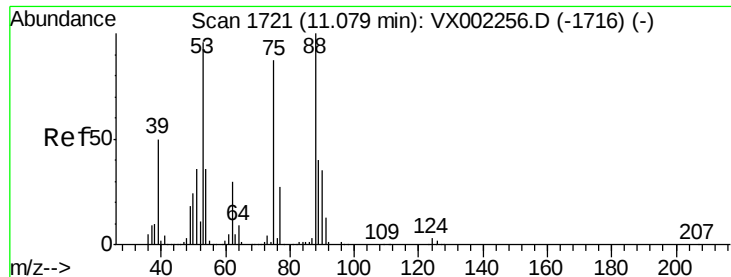
Tgt Ion: 105 Resp: 298903

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.18 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

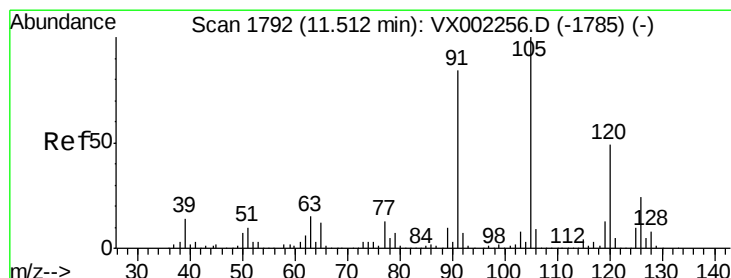
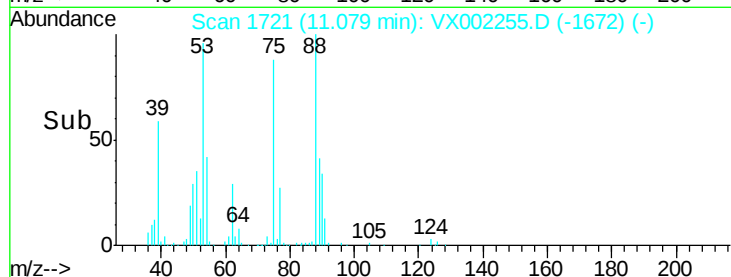
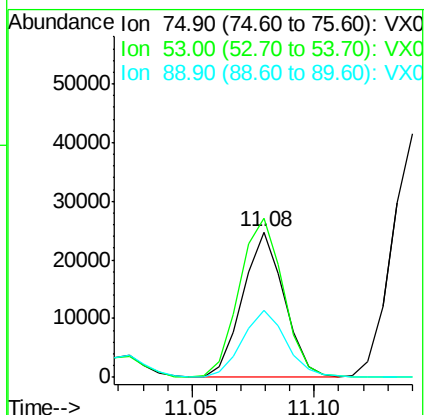
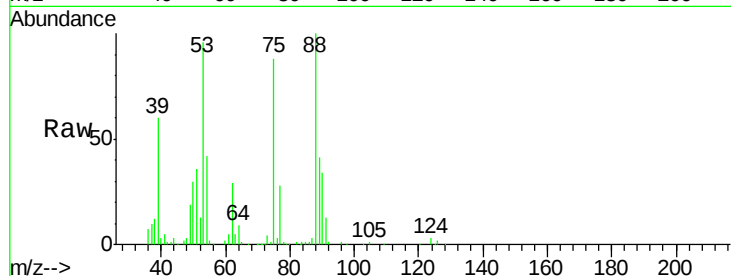
Tgt Ion: 75 Resp: 28851

Ion Ratio Lower Upper

75 100

53 118.4 86.8 130.2

89 49.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.82 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002255.D

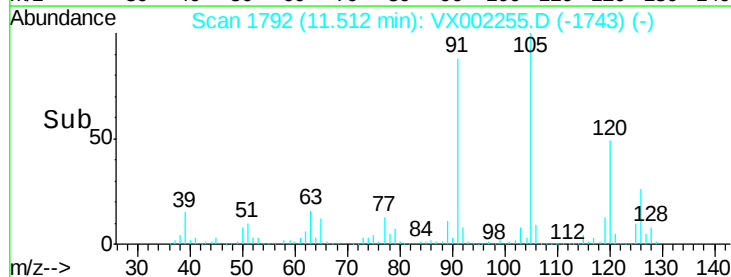
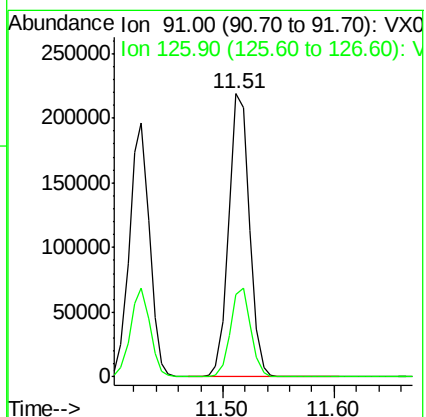
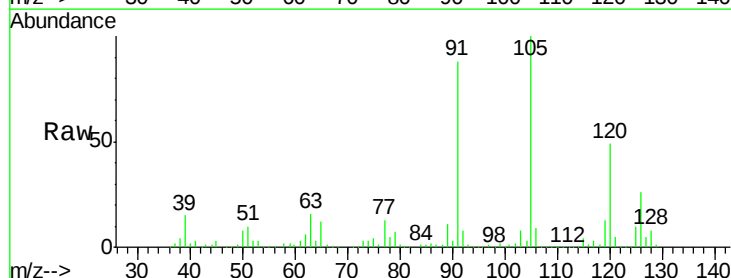
Acq: 04 Jun 2018 10:59

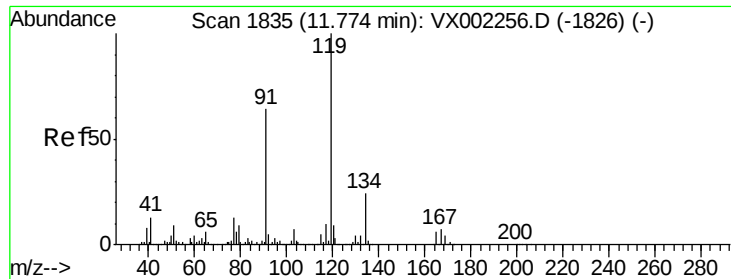
Tgt Ion: 91 Resp: 281931

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

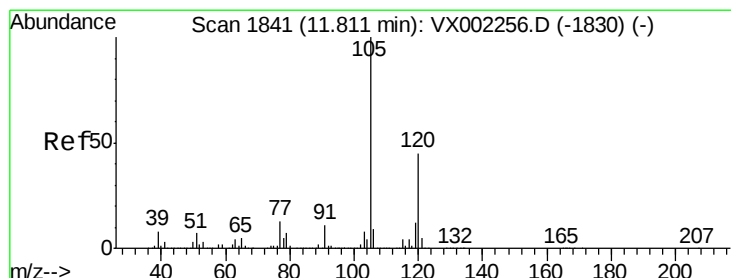
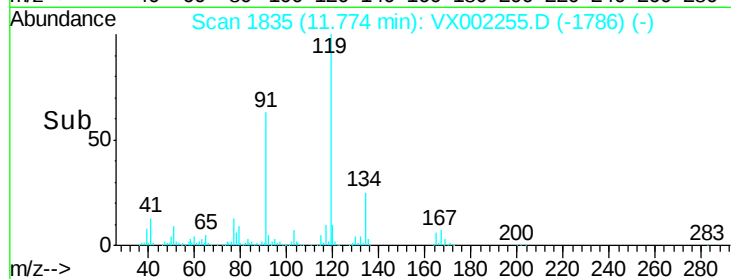
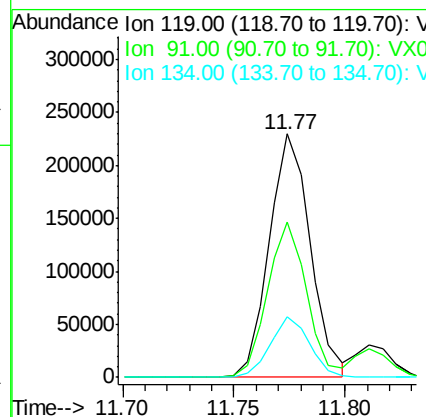
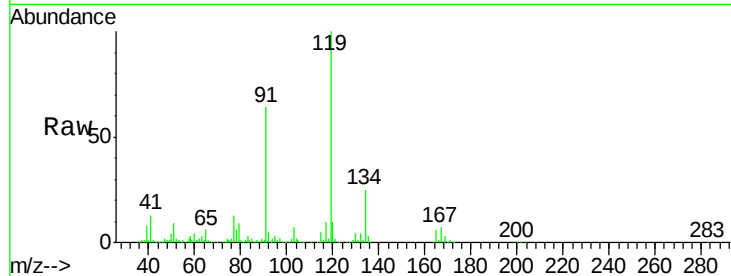




#83
 tert-Butylbenzene
 Concen: 21.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

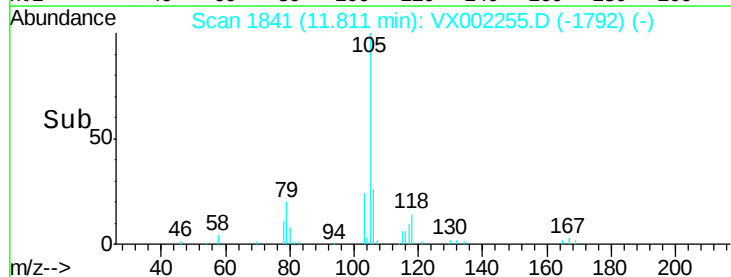
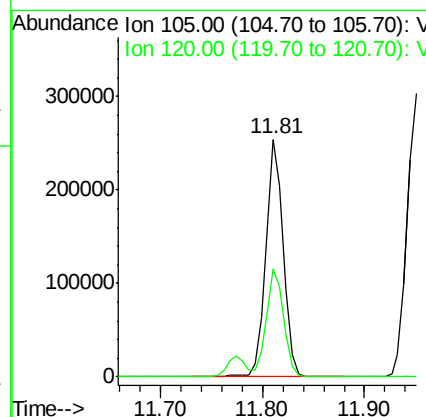
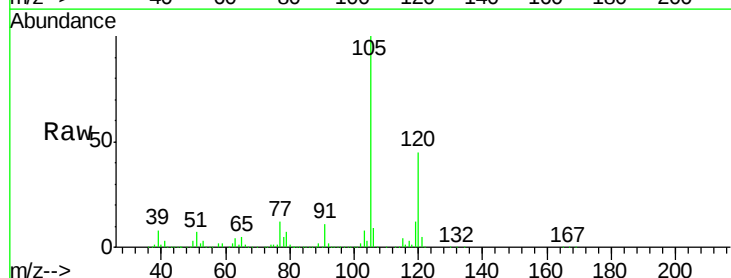
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

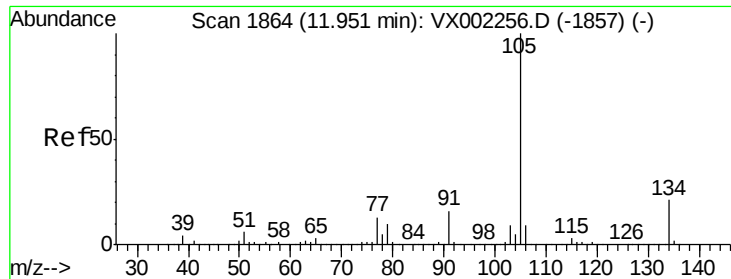
Tgt Ion:119 Resp: 294043
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.76 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion:105 Resp: 306334
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8

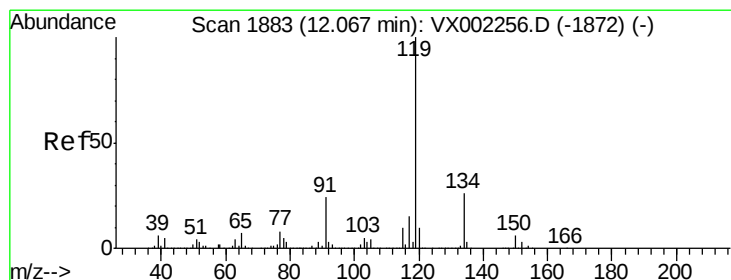
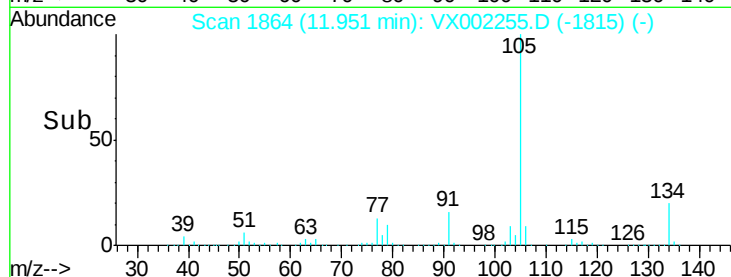
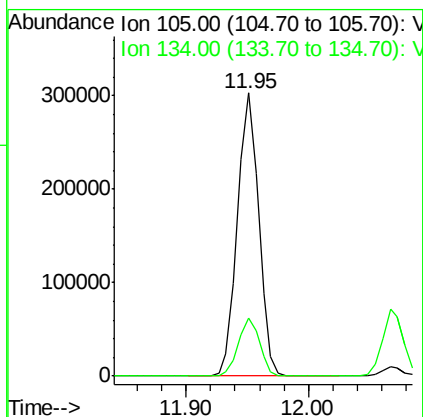
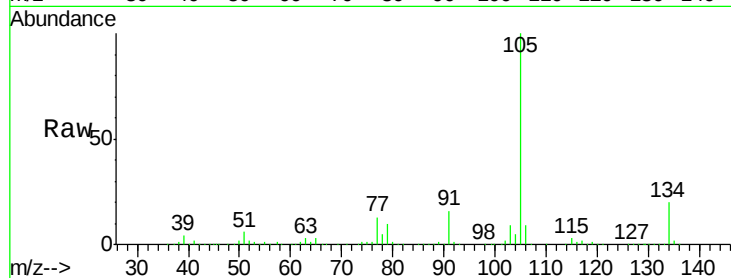




#85
 sec-Butylbenzene
 Concen: 22.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

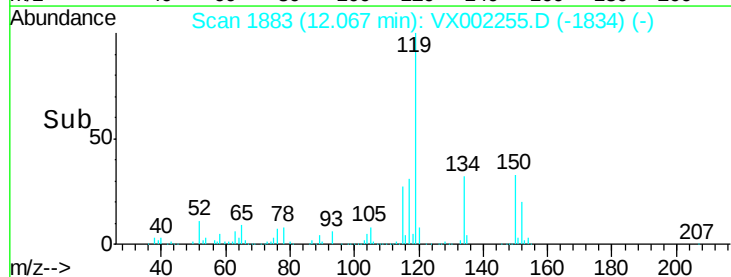
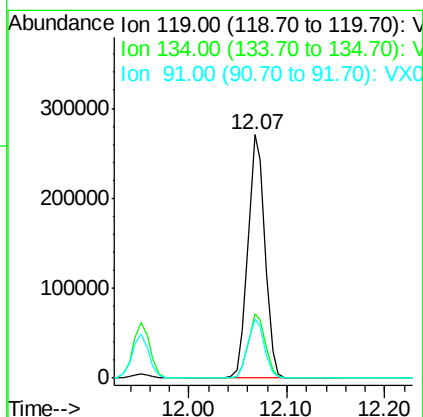
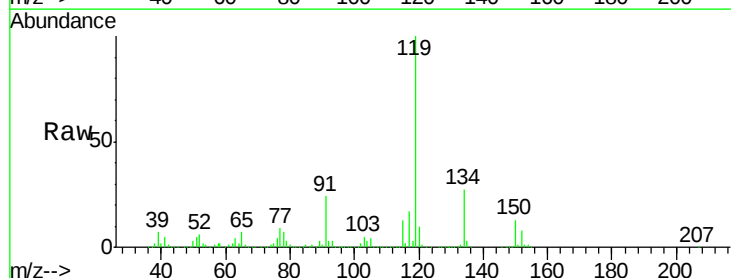
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

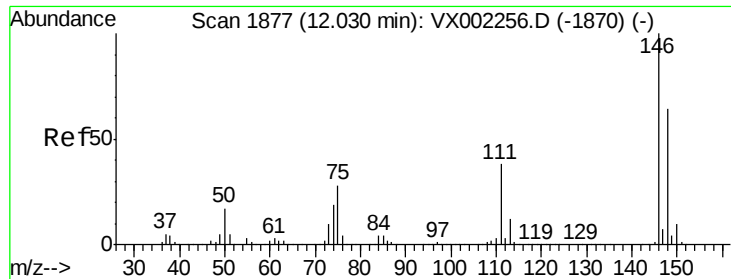
Tgt Ion:105 Resp: 363159
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.85 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion:119 Resp: 325645
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.9 11.9 35.7

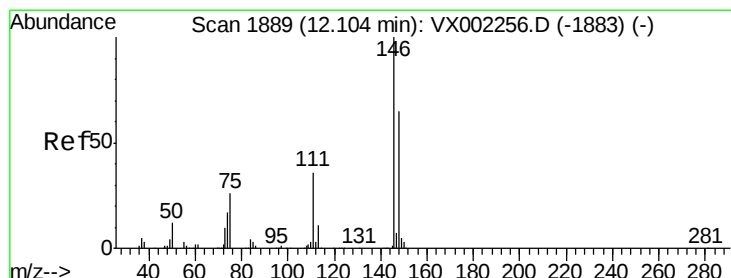
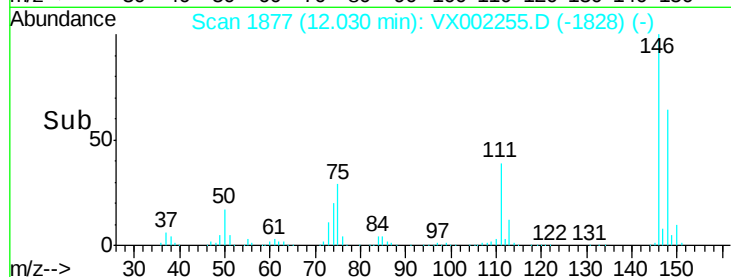
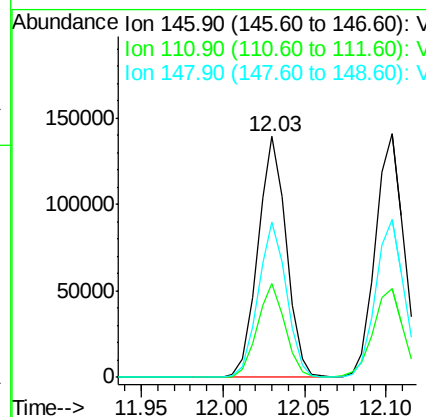
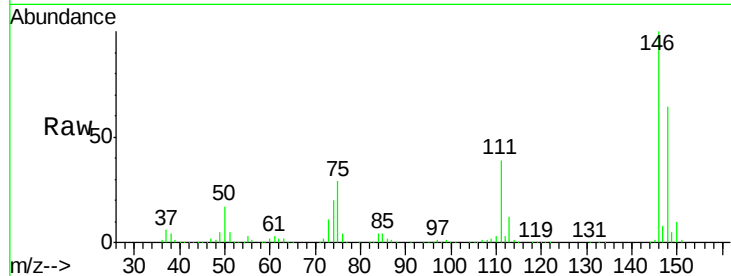




#87
 1,3-Dichlorobenzene
 Concen: 20.13 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

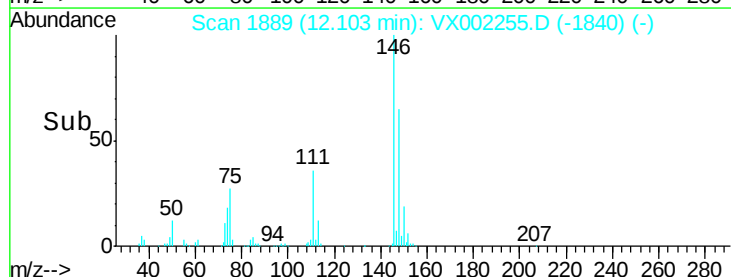
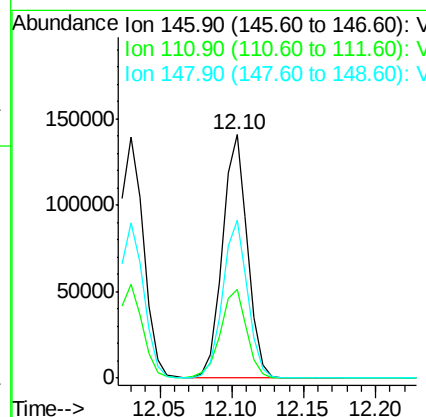
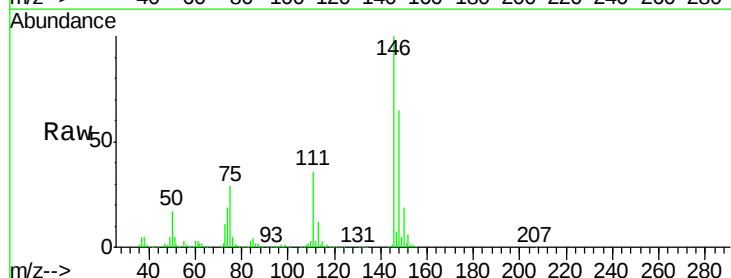
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

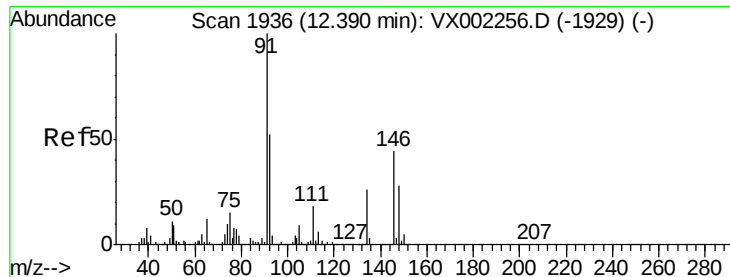
Tgt Ion:146 Resp: 168918
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.82 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion:146 Resp: 171390
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 21.79 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002255.D

Acq: 04 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

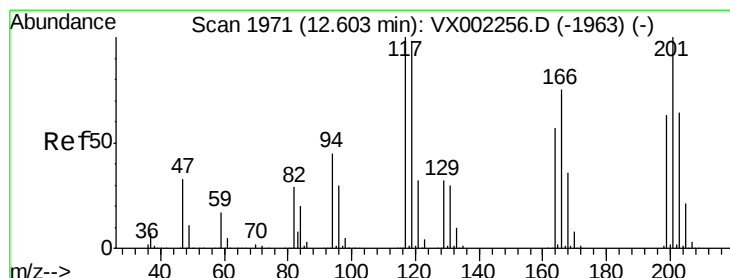
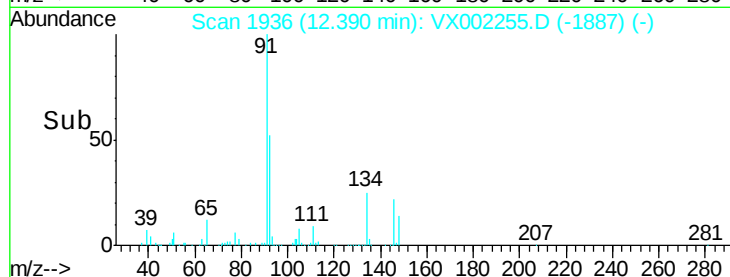
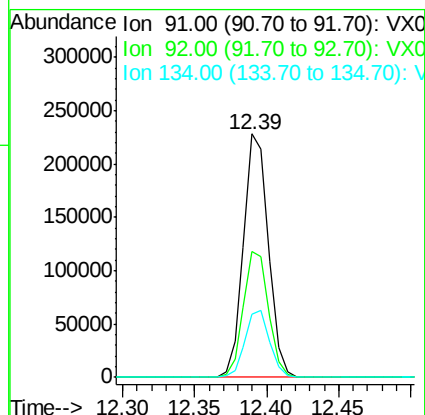
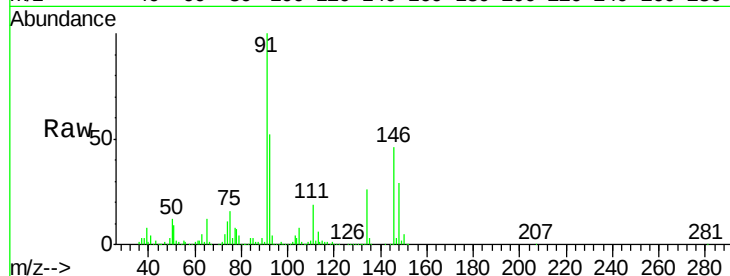
Tgt Ion: 91 Resp: 272420

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 20.19 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002255.D

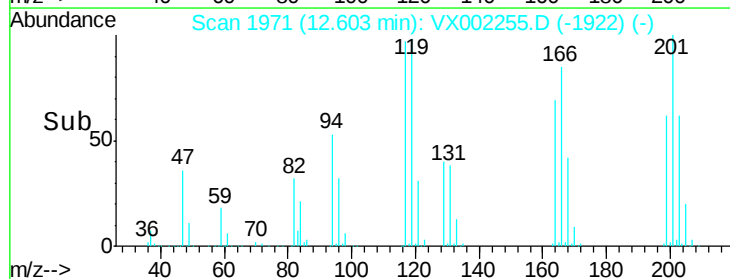
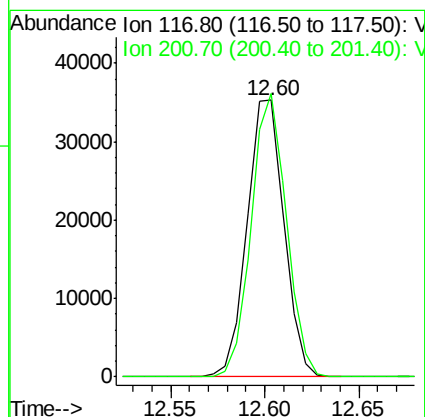
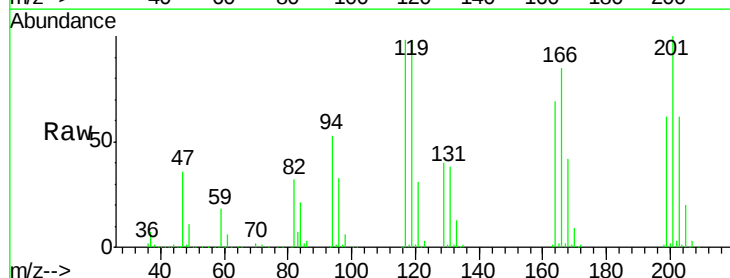
Acq: 04 Jun 2018 10:59

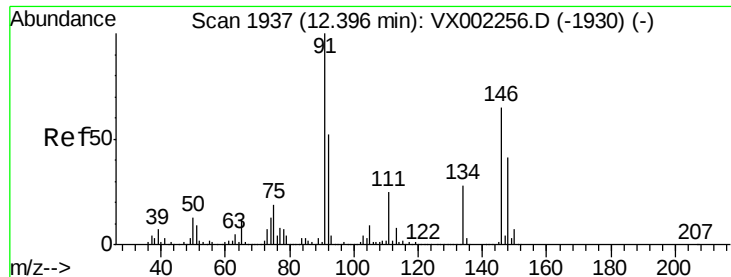
Tgt Ion: 117 Resp: 48051

Ion Ratio Lower Upper

117 100

201 96.9 49.0 147.0

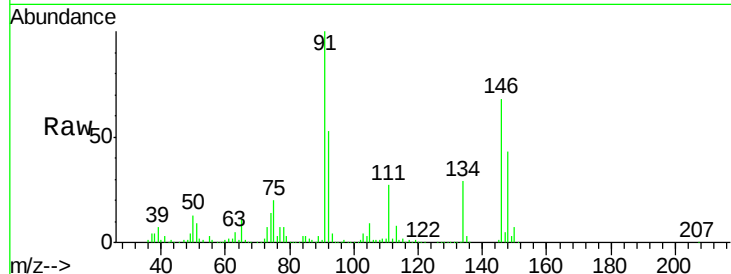




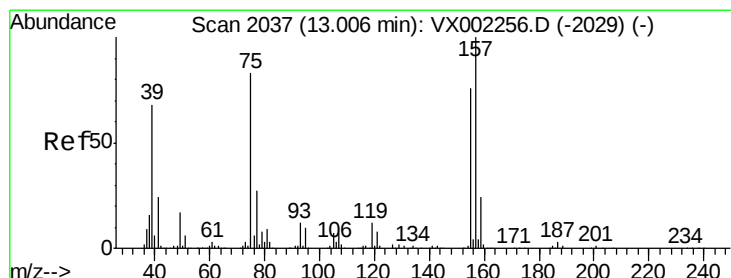
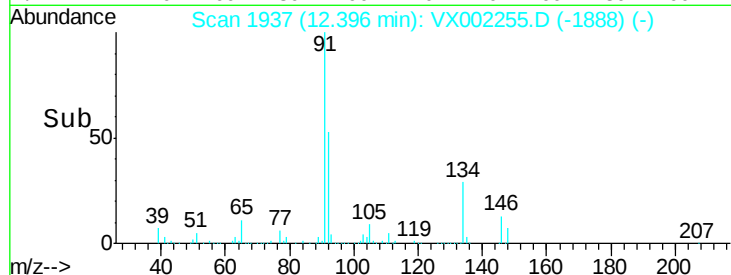
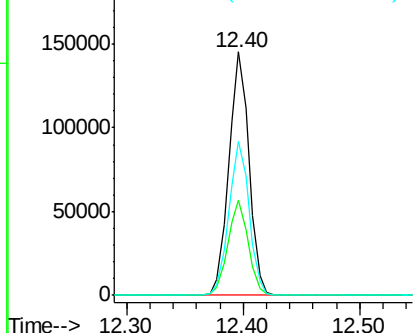
#91
1,2-Dichlorobenzene
Concen: 20.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 146 Resp: 174588
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.1
148 63.7 31.7 95.1

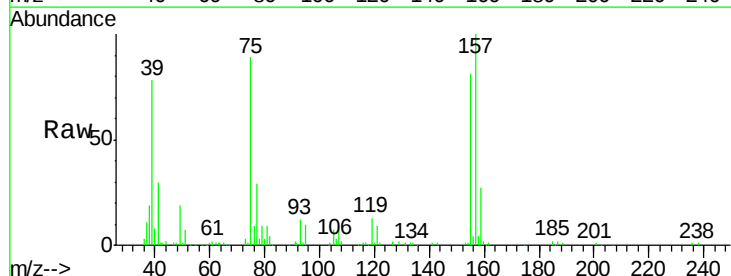


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

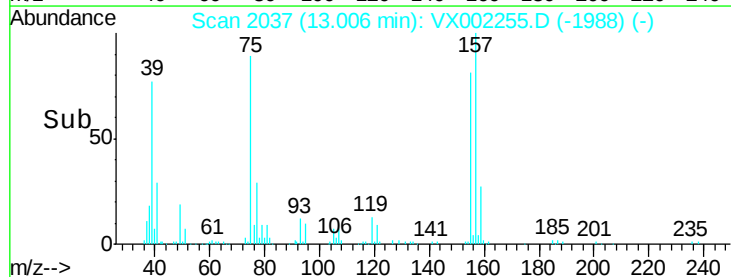
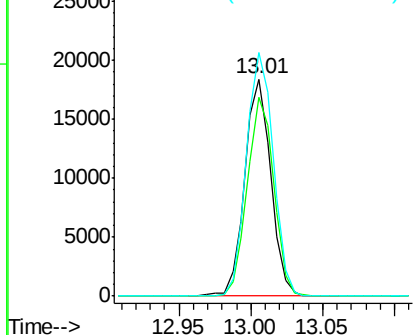


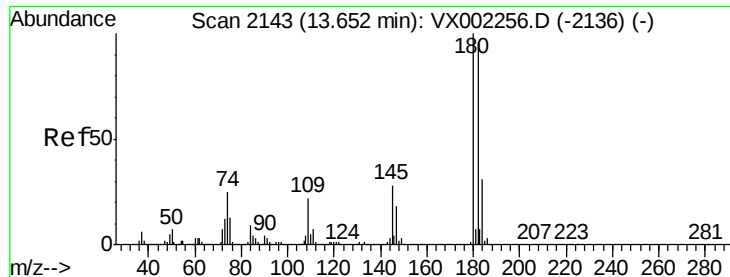
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.02 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion: 75 Resp: 23010
Ion Ratio Lower Upper
75 100
155 92.7 45.8 137.4
157 115.1 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

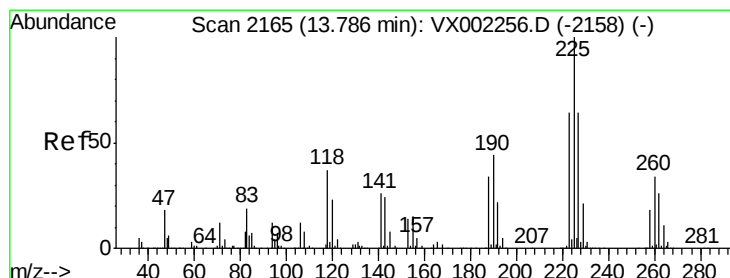
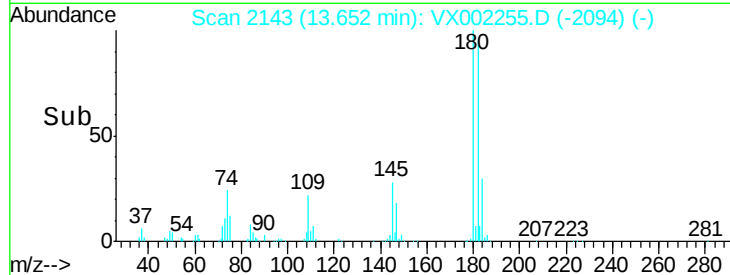
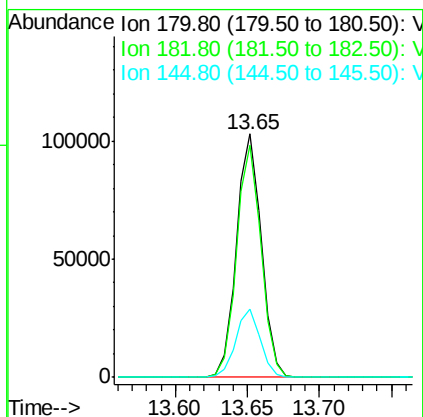
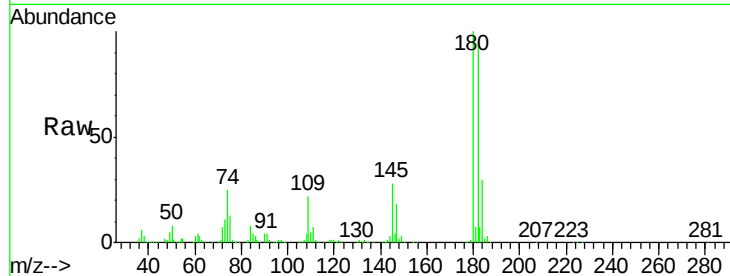




#93
 1,2,4-Trichlorobenzene
 Concen: 20.29 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

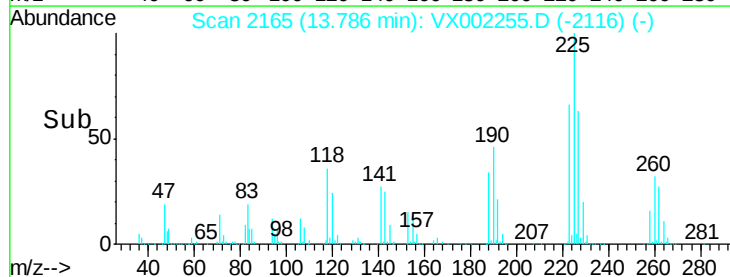
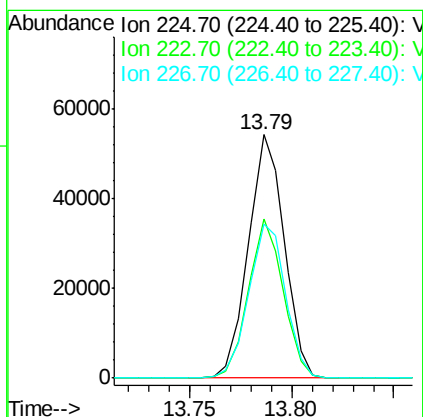
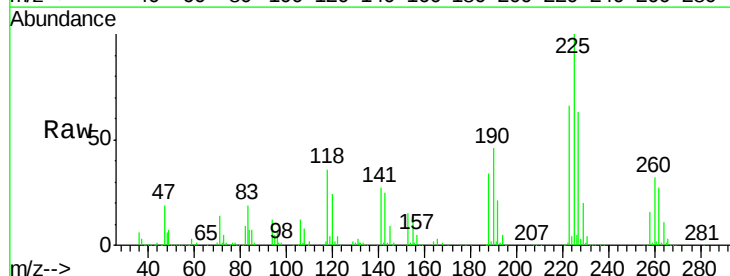
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

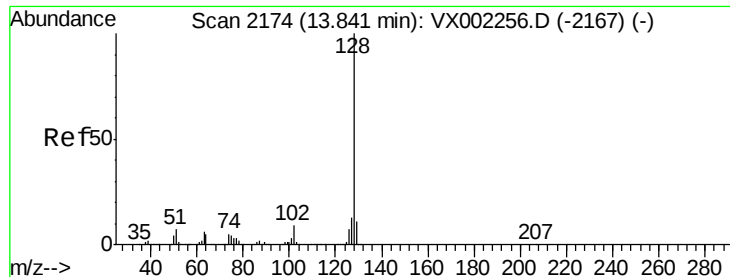
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 22.09 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002255.D
 Acq: 04 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	95.0
227	65.0	32.4	97.2

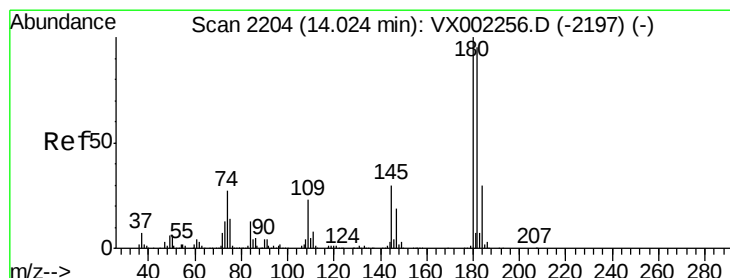
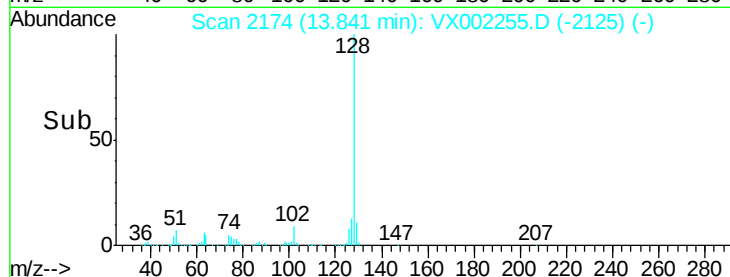
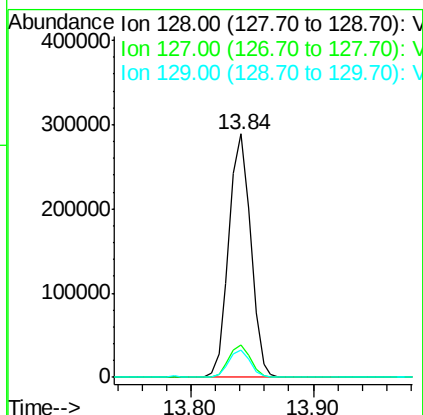
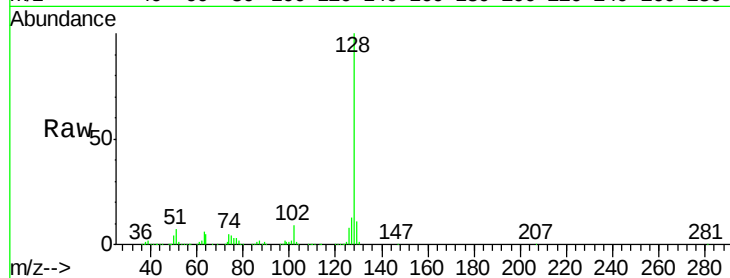




#95
Naphthalene
Concen: 20.33 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 355544
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.45 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002255.D
Acq: 04 Jun 2018 10:59

Tgt Ion:180 Resp: 126916
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 30.0 14.8 44.3

