

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
 Data File : VX005135.D
 Acq On : 08 Oct 2018 18:43
 Operator : JC/MD
 Sample : J5284-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

Quant Time: Oct 09 05:56:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143836	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	119730	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	443793	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	167988	56.88	ug/l	0.00
Spiked Amount			Recovery	=	113.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	131524	48.819	ug/l	99
3) Chloromethane	1.32	50	147187	45.030	ug/l	98
4) Vinyl Chloride	1.40	62	151666	49.473	ug/l	99
5) Bromomethane	1.64	94	91610	50.393	ug/l	95
6) Chloroethane	1.71	64	96251	57.983	ug/l	96
7) Trichlorofluoromethane	1.92	101	203236	53.550	ug/l	96
8) Diethyl Ether	2.19	74	83670	50.747	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134711	62.312	ug/l	99
10) Methyl Iodide	2.51	142	95181	32.901	ug/l	92
11) Tert butyl alcohol	3.08	59	208604	264.313	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119629	55.875	ug/l	97
13) Acrolein	2.29	56	41372	73.677	ug/l	89
14) Allyl chloride	2.72	41	243742	52.177	ug/l	96
15) Acrylonitrile	3.15	53	468261	269.519	ug/l	97
16) Acetone	2.45	43	412103	250.078	ug/l	93
17) Carbon Disulfide	2.56	76	279531	43.450	ug/l	100
18) Methyl Acetate	2.78	43	253643	60.751	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420329	56.917	ug/l	96
20) Methylene Chloride	2.85	84	128154	53.547	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	116226	49.591	ug/l	85
22) Diisopropyl ether	3.87	45	415771	52.855	ug/l	97
23) Vinyl Acetate	3.82	43	1668526	231.724	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232485	49.545	ug/l	99
25) 2-Butanone	4.71	43	613210	252.448	ug/l	97
26) 2,2-Dichloropropane	4.58	77	135245	41.390	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	138743	52.991	ug/l	96
28) Bromochloromethane	5.02	49	110659	50.079	ug/l	98
29) Tetrahydrofuran	5.16	42	400694	265.405	ug/l	98
30) Chloroform	5.21	83	220530	49.728	ug/l	99
31) Cyclohexane	5.57	56	185514	51.655	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	190194	52.514	ug/l	95
36) 1,1-Dichloropropene	5.80	75	158259	47.039	ug/l	95
37) Ethyl Acetate	4.86	43	201045	45.017	ug/l	98
38) Carbon Tetrachloride	5.78	117	167078	47.242	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178249	51.885	ug/l #	83
40) Benzene	6.14	78	483577	45.911	ug/l	95
41) Methacrylonitrile	5.06	41	123046	49.681	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176245	47.333	ug/l	97
43) Isopropyl Acetate	6.46	43	313478	48.632	ug/l	97
44) Trichloroethene	7.21	130	587385	226.847	ug/l	97
45) 1,2-Dichloropropane	7.52	63	135703	52.536	ug/l	98
46) Dibromomethane	7.66	93	84428	52.009	ug/l	99
47) Bromodichloromethane	7.90	83	167767	55.199	ug/l	99
48) Methyl methacrylate	7.78	41	170250	58.191	ug/l	99
49) 1,4-Dioxane	7.76	88	76930	1058.386	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1163088	286.570	ug/l	99
52) Toluene	8.79	92	303030	52.357	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	178093	51.854	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	188942	52.522	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130874	51.623	ug/l	96
56) Ethyl methacrylate	9.18	69	204767	49.787	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216796	51.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1030	14.687	ug/l #	49
59) 2-Hexanone	9.50	43	923464	273.040	ug/l	95
60) Dibromochloromethane	9.59	129	136817	53.963	ug/l	98
61) 1,2-Dibromoethane	9.68	107	134084	49.385	ug/l	95
64) Tetrachloroethene	9.34	164	126959	46.199	ug/l	95
65) Chlorobenzene	10.14	112	345906	48.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	128345	50.989	ug/l	99
67) Ethyl Benzene	10.26	91	587687	51.701	ug/l	96
68) m/p-Xylenes	10.36	106	457390	102.970	ug/l	96
69) o-Xylene	10.70	106	218543	53.566	ug/l	99
70) Styrene	10.71	104	374801	49.155	ug/l	99
71) Bromoform	10.86	173	111994	51.971	ug/l	96
73) Isopropylbenzene	11.02	105	602593	54.433	ug/l	100
74) N-amyl acetate	10.90	43	270265	44.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	217482	48.261	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244441	62.096	ug/l	85
77) Bromobenzene	11.26	156	161076	50.095	ug/l	99
78) n-propylbenzene	11.36	91	688360	54.194	ug/l	99
79) 2-Chlorotoluene	11.42	91	410256	51.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	512638	50.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57540	40.269	ug/l	98
82) 4-Chlorotoluene	11.51	91	487303	52.291	ug/l	99
83) tert-Butylbenzene	11.77	119	517194	56.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	526053	50.276	ug/l	100
85) sec-Butylbenzene	11.94	105	614643	55.364	ug/l	100
86) p-Isopropyltoluene	12.07	119	548470	54.529	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	298076	49.645	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	301753	48.685	ug/l	100
89) n-Butylbenzene	12.39	91	474184	51.910	ug/l	99
90) Hexachloroethane	12.60	117	89892	53.677	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304333	48.502	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52665	53.227	ug/l	99

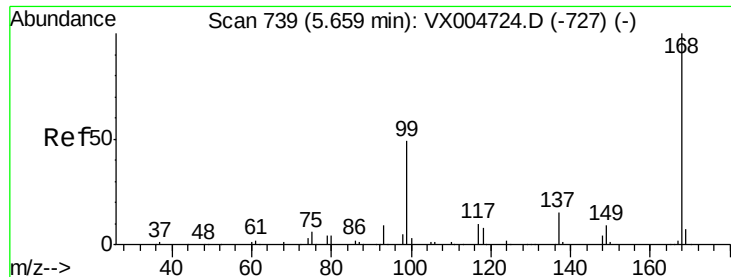
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225259	51.177	ug/l	99
94) Hexachlorobutadiene	13.78	225	110157	48.263	ug/l	99
95) Naphthalene	13.83	128	741001	50.712	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238965	52.556	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

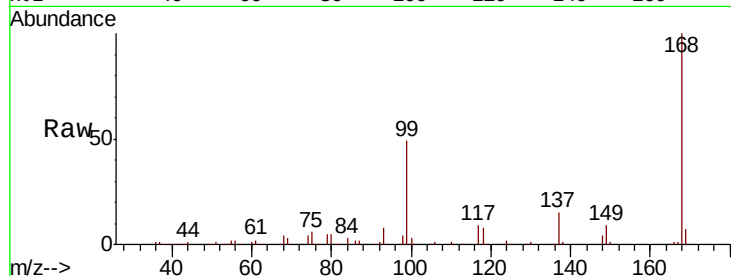
RE-125D2-2018001MS

Tot Ion:168 Resp: 197593

Ion Ratio Lower Upper

168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

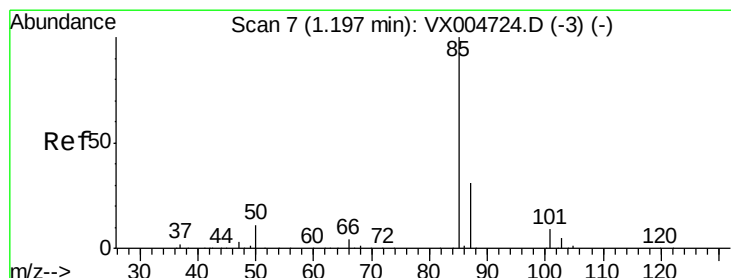
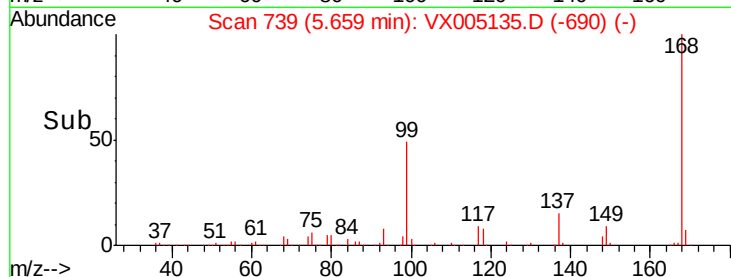
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.819 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005135.D

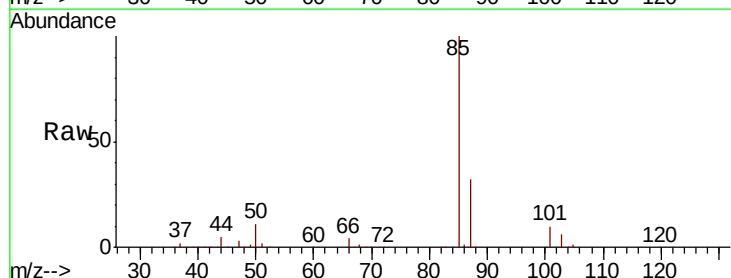
Acq: 08 Oct 2018 18:43

Tgt Ion: 85 Resp: 131524

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

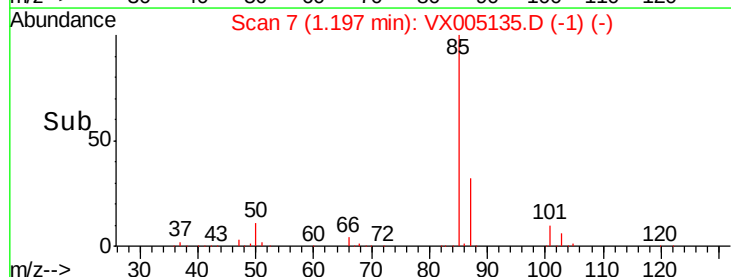
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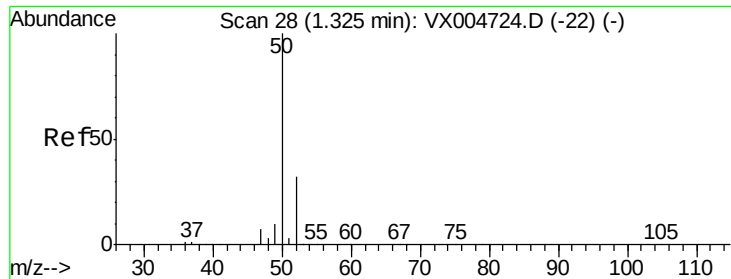
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1.20 1.30

Time-->

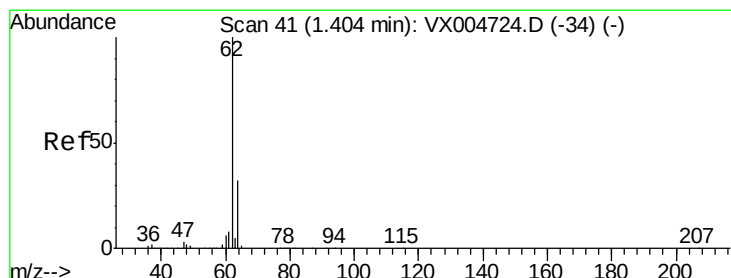
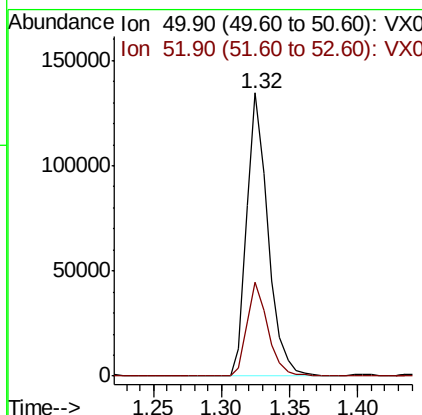
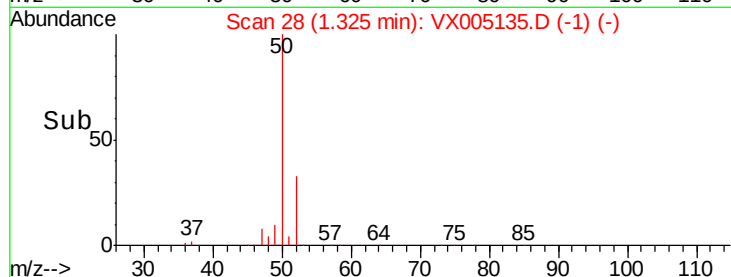
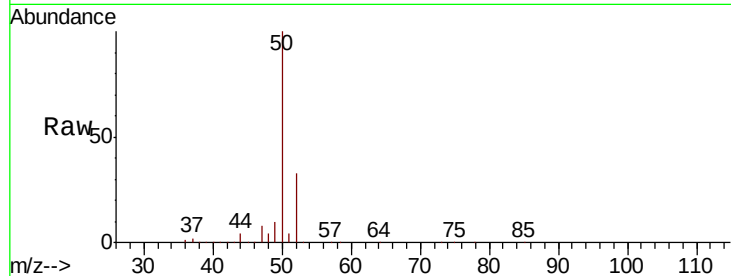




#3
 Chloromethane
 Concen: 45.030 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

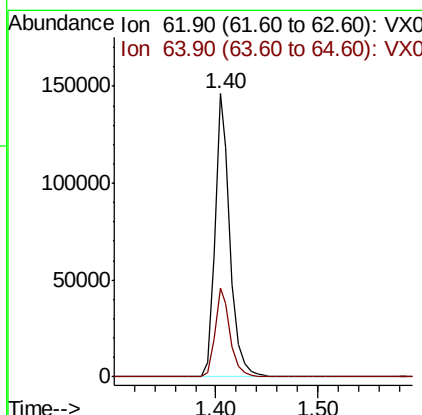
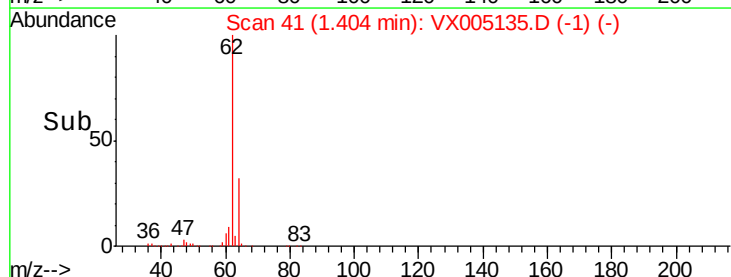
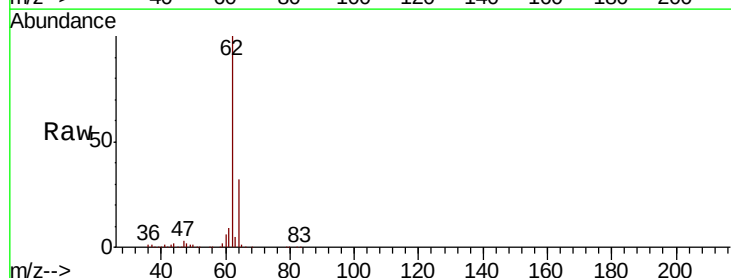
Instrument :
 MSVOA_X
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 RE-125D2-2018001MS

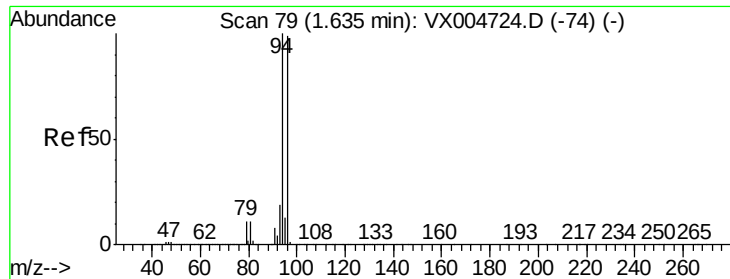
Tot Ion: 50 Resp: 147187
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.8 38.6



#4
 Vinyl Chloride
 Concen: 49.473 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 62 Resp: 151666
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.5 38.3





#5

Bromomethane

Concen: 50.393 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

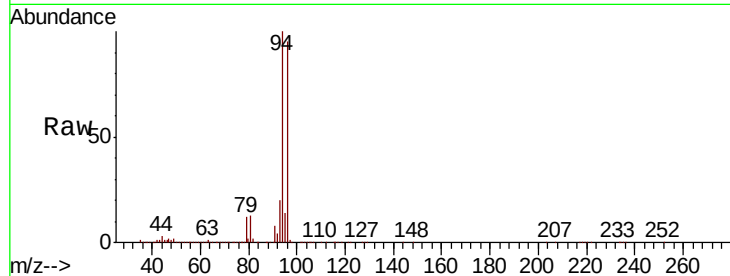
RE-125D2-2018001MS

Tot Ion: 94 Resp: 91610

Ion Ratio Lower Upper

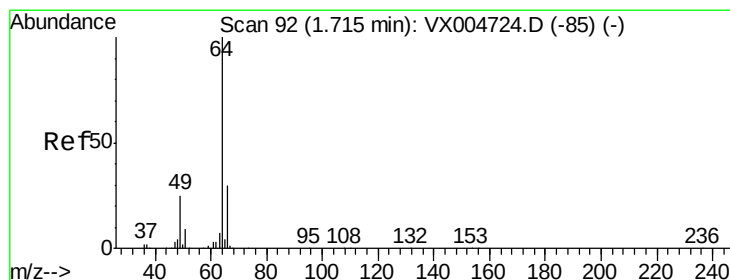
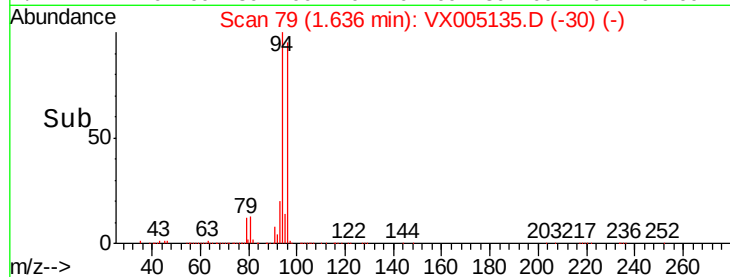
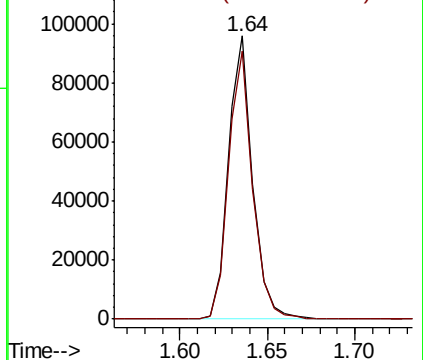
94 100

96 94.8 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.983 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005135.D

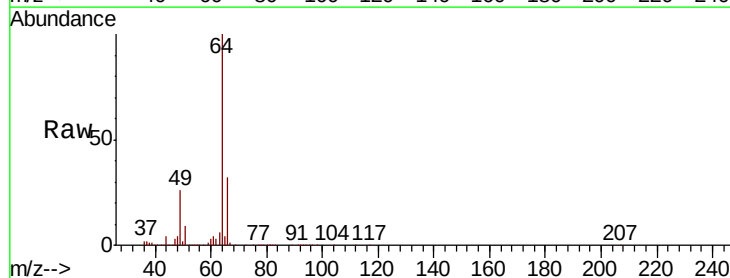
Acq: 08 Oct 2018 18:43

Tgt Ion: 64 Resp: 96251

Ion Ratio Lower Upper

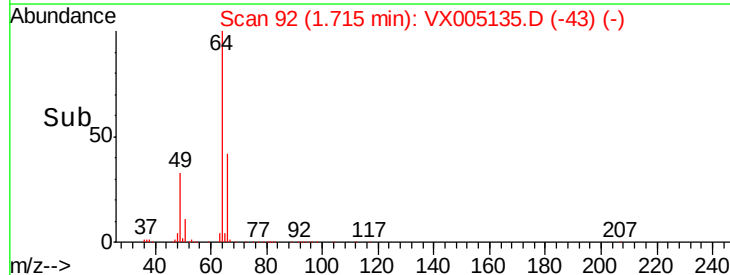
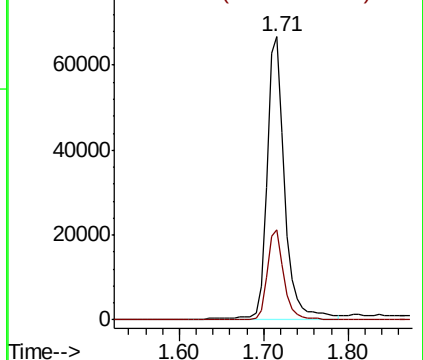
64 100

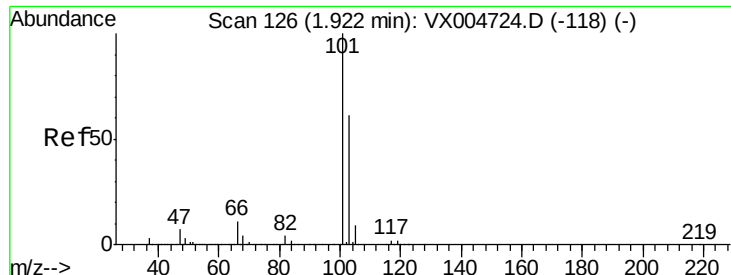
66 31.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



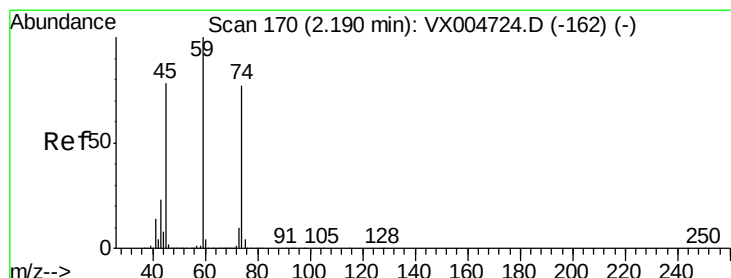
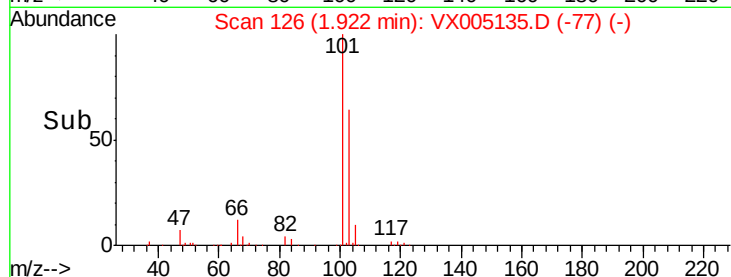
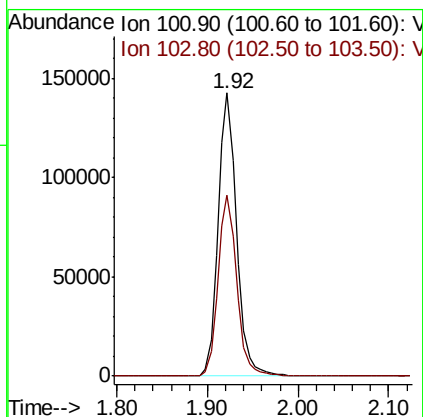
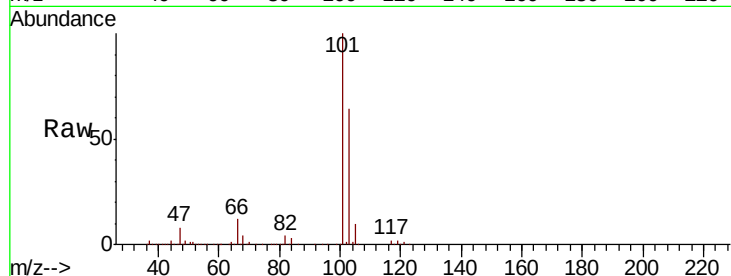


#7

Trichlorofluoromethane
Concen: 53.550 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Instrument :
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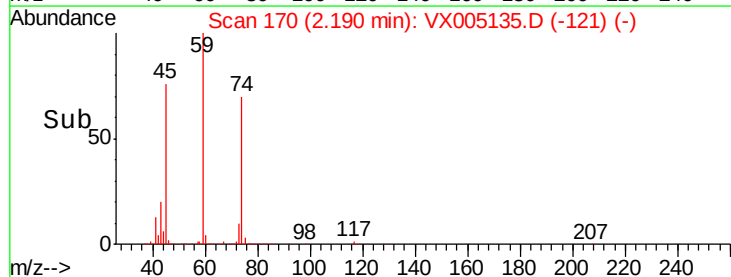
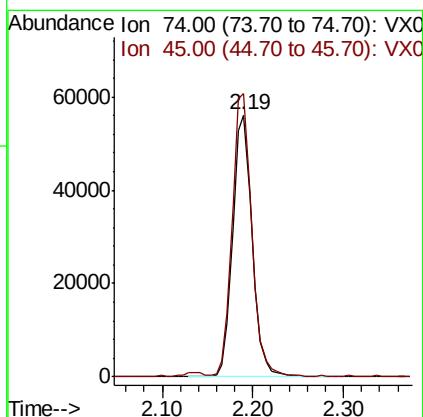
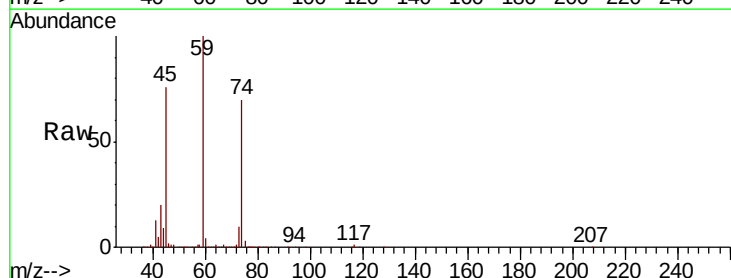
Tot Ion:101 Resp: 203236
Ion Ratio Lower Upper
101 100
103 63.8 48.4 72.6

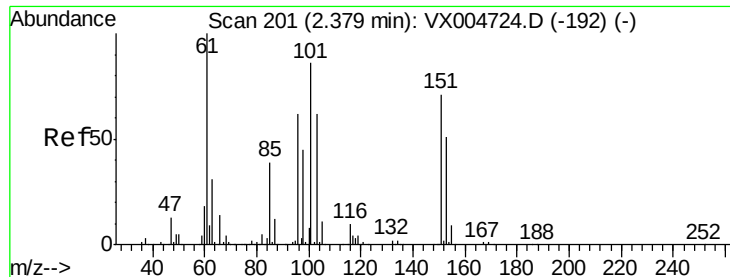


#8

Diethyl Ether
Concen: 50.747 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 74 Resp: 83670
Ion Ratio Lower Upper
74 100
45 108.1 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 62.312 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

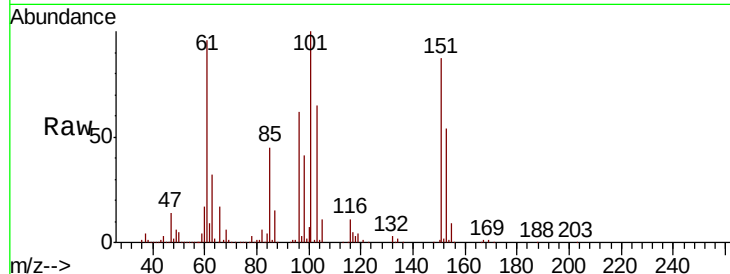
Tot Ion:101 Resp: 134711

Ion Ratio Lower Upper

101 100

85 44.8 35.9 53.9

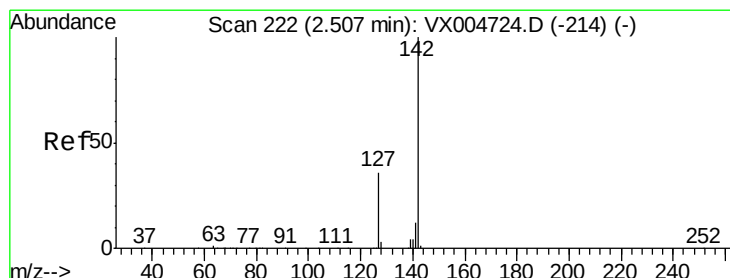
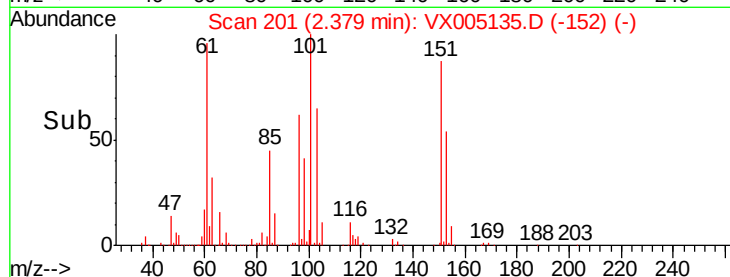
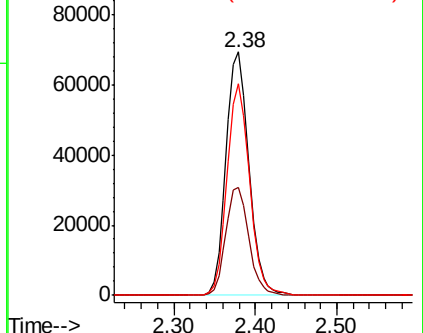
151 85.1 66.6 100.0



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: 32.901 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

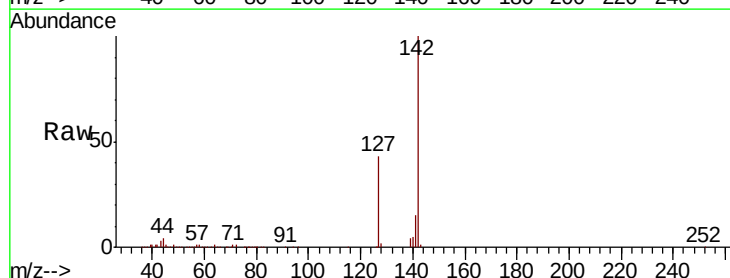
Tgt Ion:142 Resp: 95181

Ion Ratio Lower Upper

142 100

127 43.1 30.1 45.1

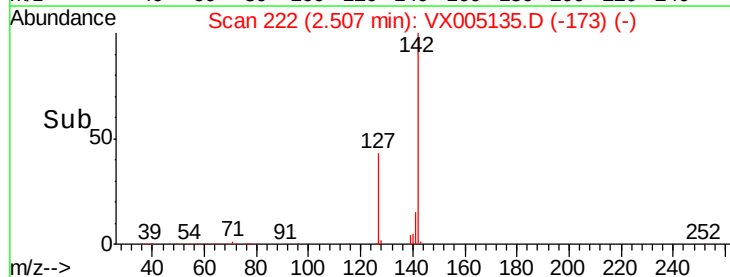
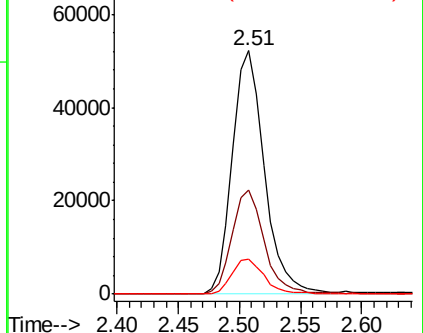
141 14.8 10.1 15.1

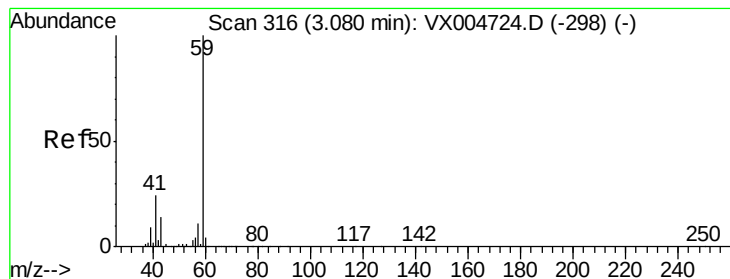


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



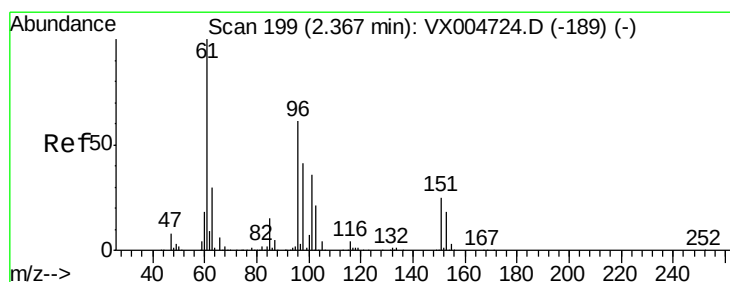
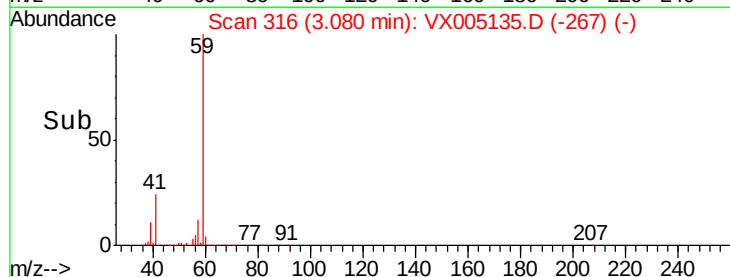
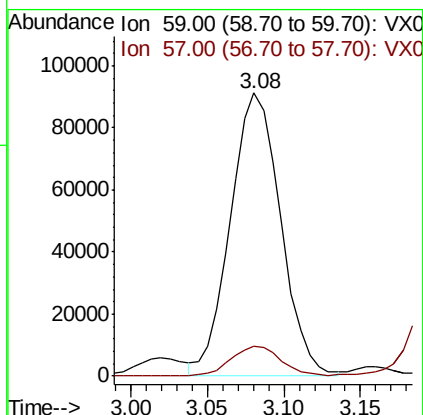
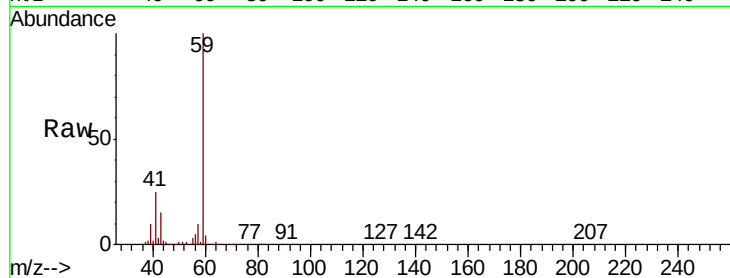


#11

Tert butyl alcohol
 Concen: 264.313 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

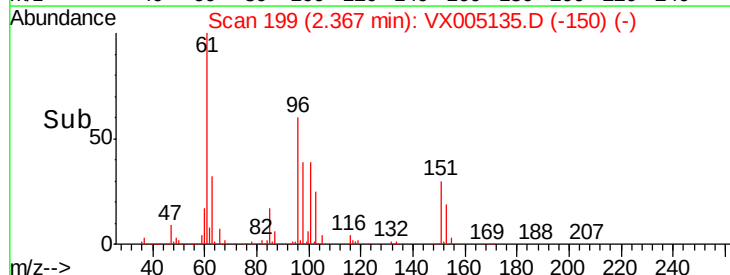
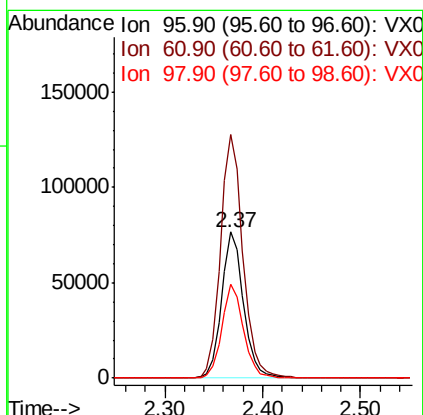
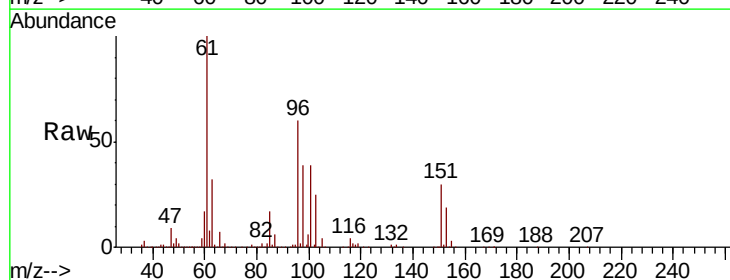
Tot Ion: 59 Resp: 208604
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

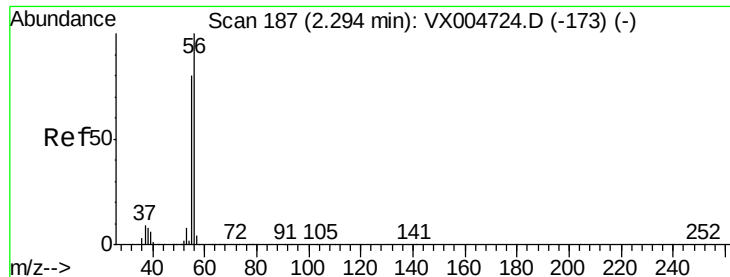


#12

1,1-Dichloroethene
 Concen: 55.875 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 96 Resp: 119629
 Ion Ratio Lower Upper
 96 100
 61 166.6 130.2 195.4
 98 64.3 53.4 80.0





#13

Acrolein

Concen: 73.677 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

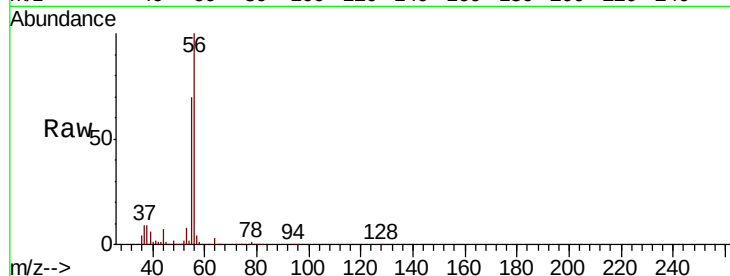
RE-125D2-2018001MS

Tot Ion: 56 Resp: 41372

Ion Ratio Lower Upper

56 100

55 69.7 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

10000

5000

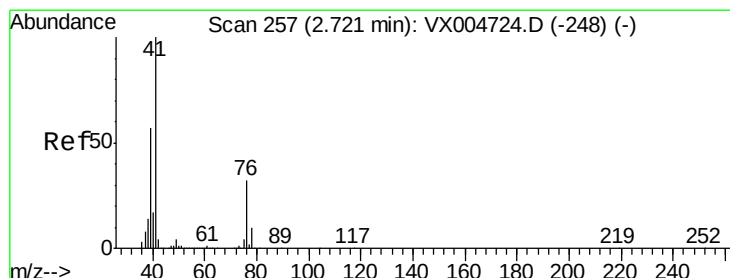
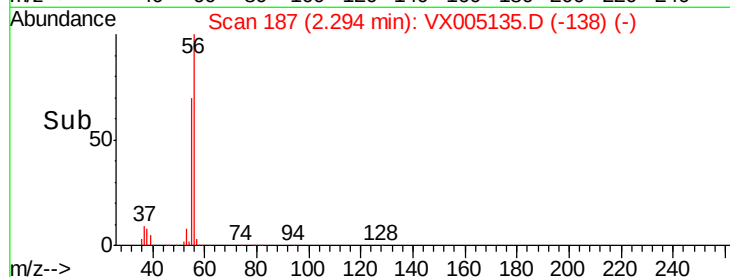
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 52.177 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

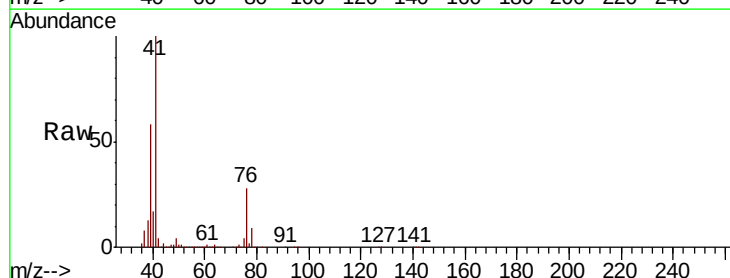
Tgt Ion: 41 Resp: 243742

Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

76 28.1 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

100000

50000

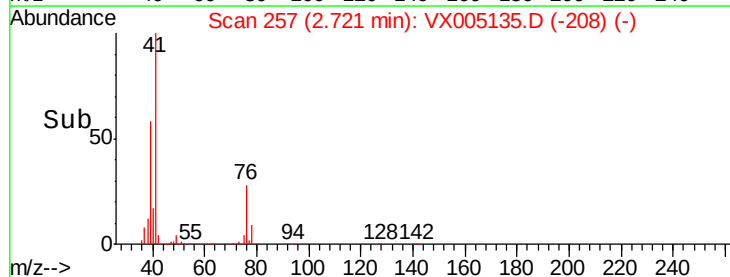
0

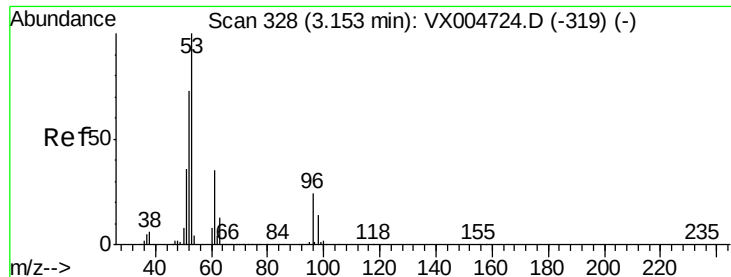
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 269.519 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

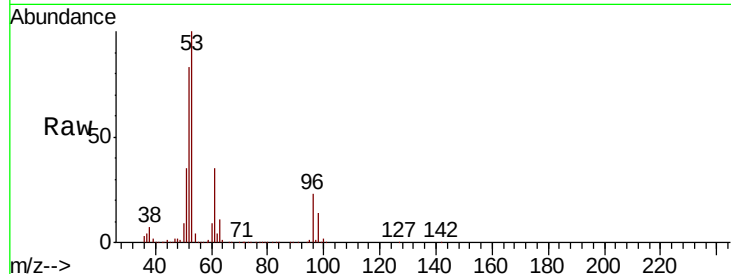
Tot Ion: 53 Resp: 468261

Ion Ratio Lower Upper

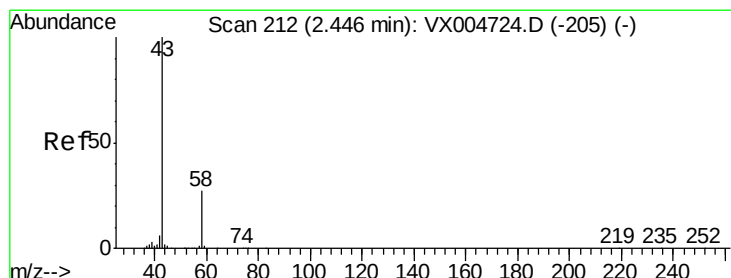
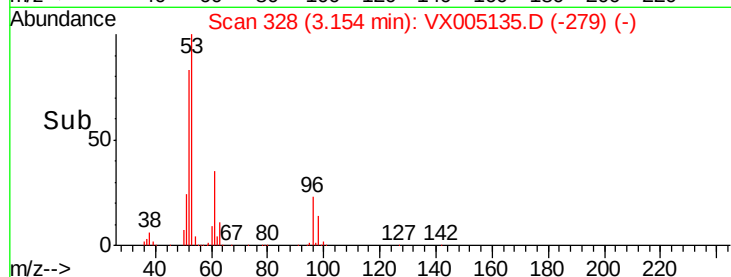
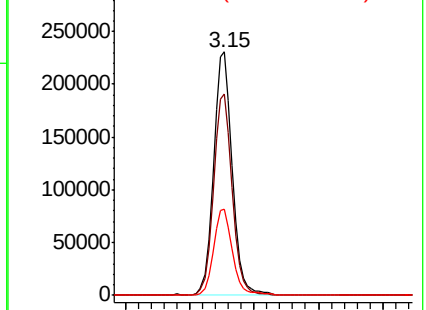
53 100

52 82.7 63.0 94.4

51 35.7 28.6 42.8



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: 250.078 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005135.D

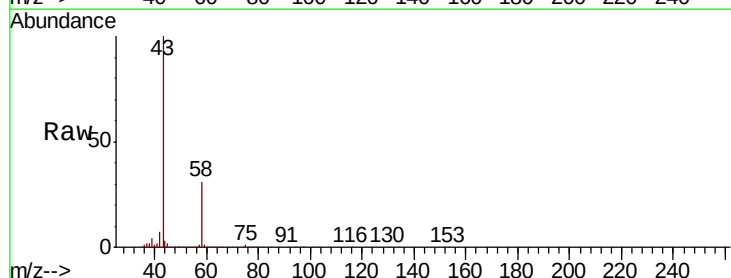
Acq: 08 Oct 2018 18:43

Tgt Ion: 43 Resp: 412103

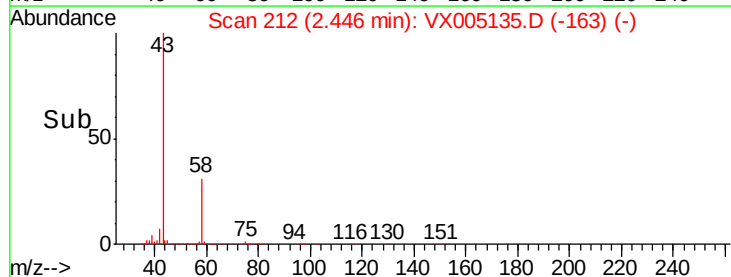
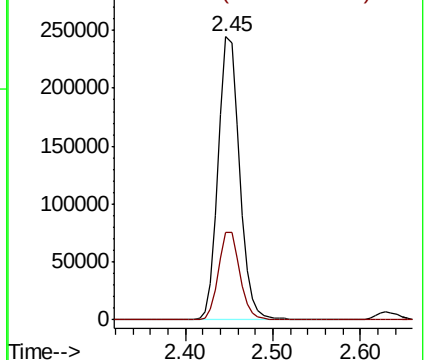
Ion Ratio Lower Upper

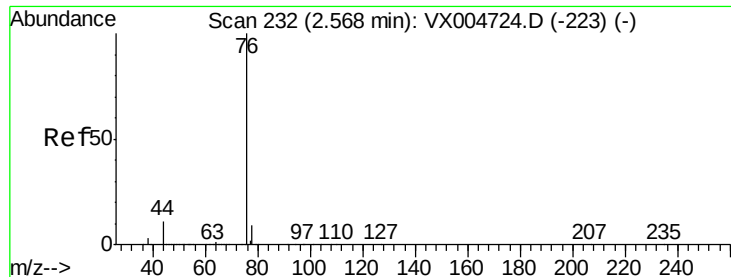
43 100

58 31.1 21.8 32.6



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





#17

Carbon Disulfide

Concen: 43.450 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

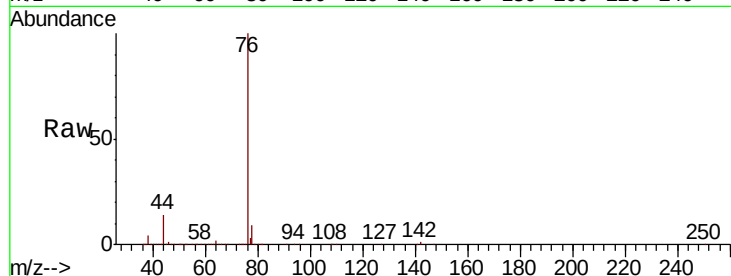
RE-125D2-2018001MS

Tot Ion: 76 Resp: 279531

Ion Ratio Lower Upper

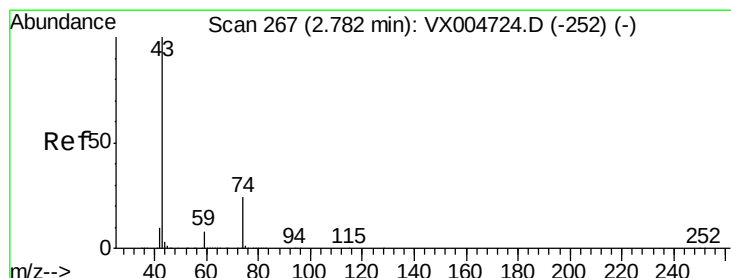
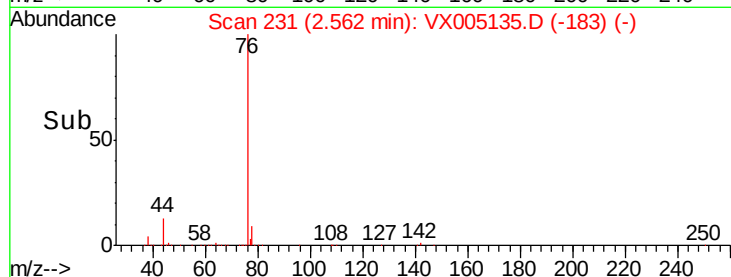
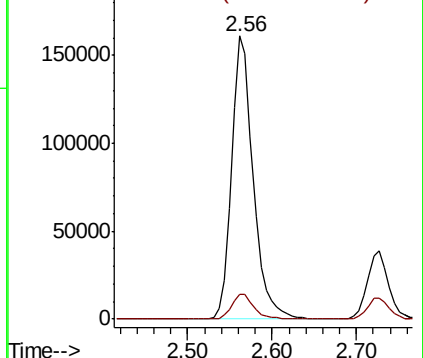
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.751 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005135.D

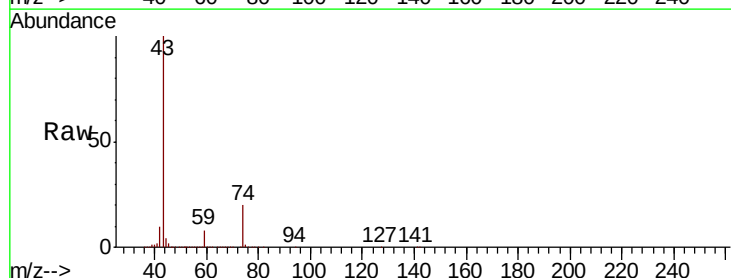
Acq: 08 Oct 2018 18:43

Tgt Ion: 43 Resp: 253643

Ion Ratio Lower Upper

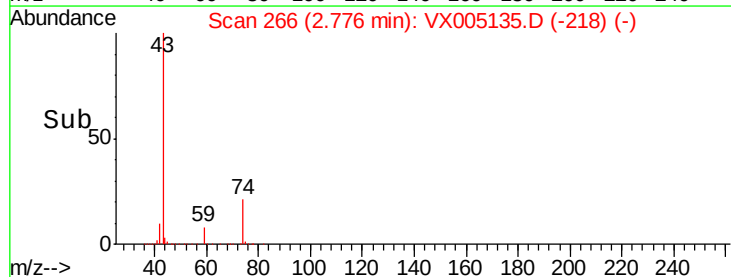
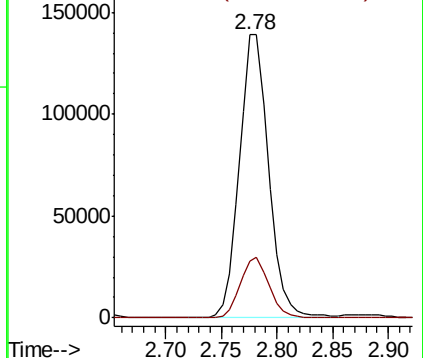
43 100

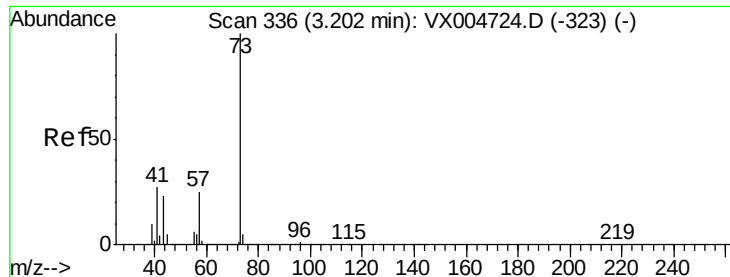
74 21.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



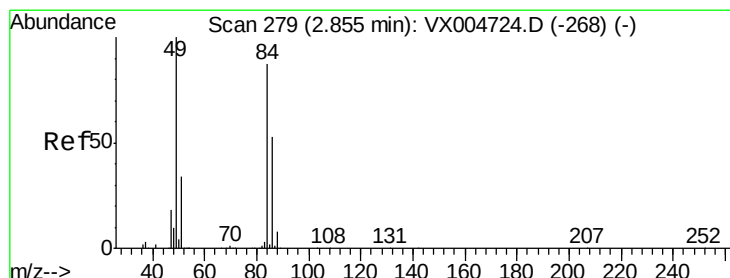
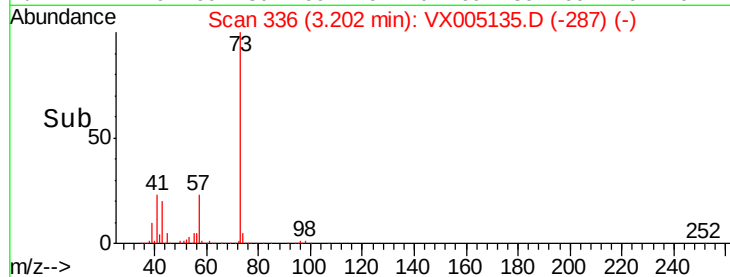
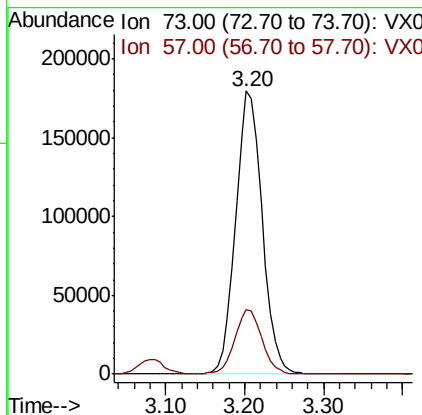
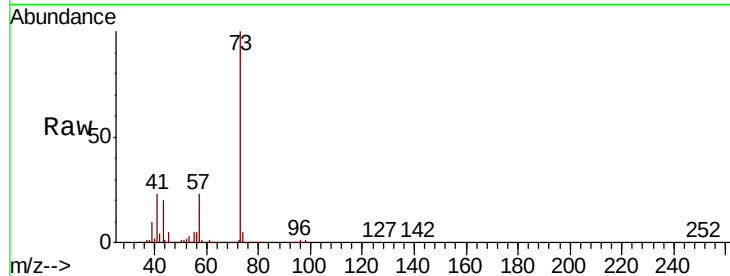


#19

Methyl tert-butyl Ether
 Concen: 56.917 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

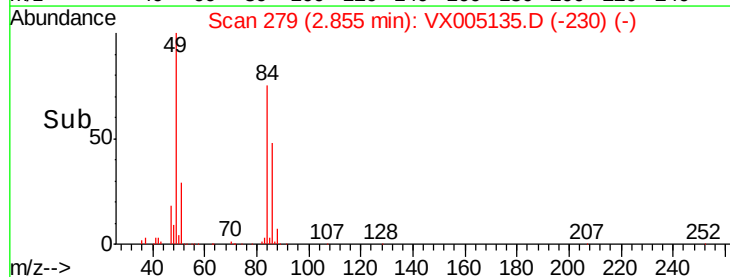
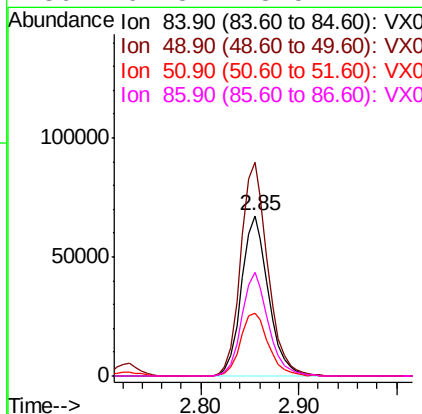
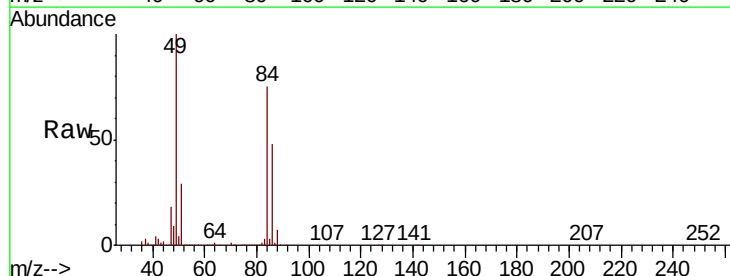
Tot Ion: 73 Resp: 420329
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.9 29.9

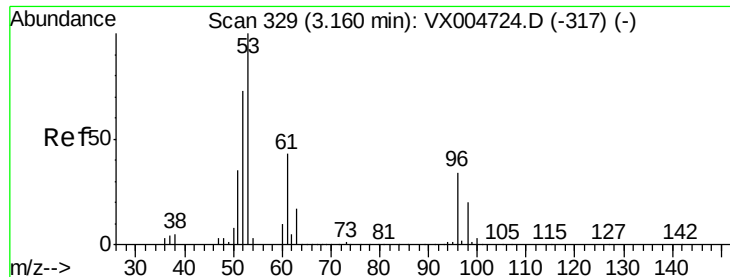


#20

Methylene Chloride
 Concen: 53.547 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 84 Resp: 128154
 Ion Ratio Lower Upper
 84 100
 49 132.9 92.3 138.5
 51 38.9 31.8 47.6
 86 64.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 49.591 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

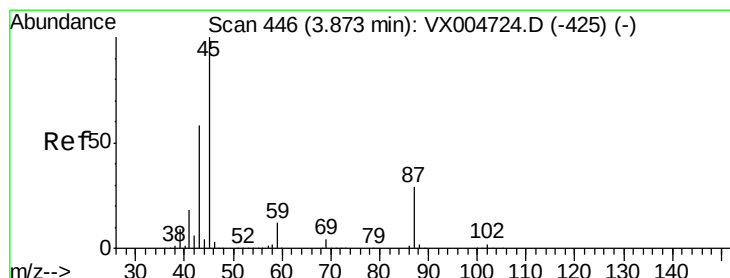
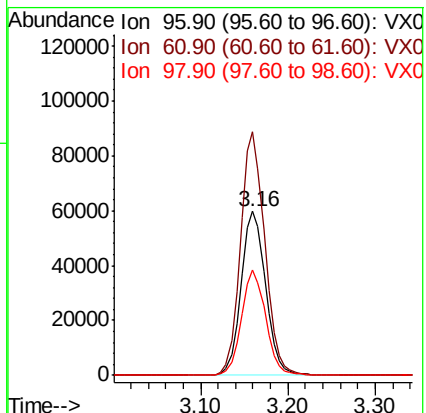
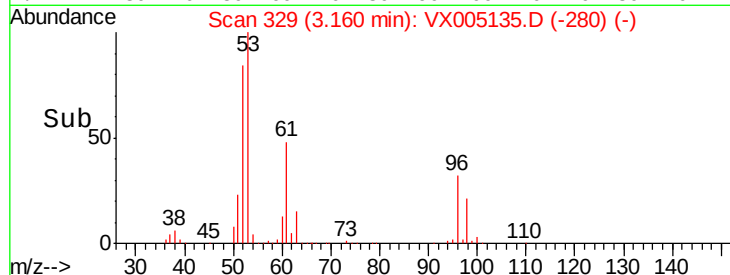
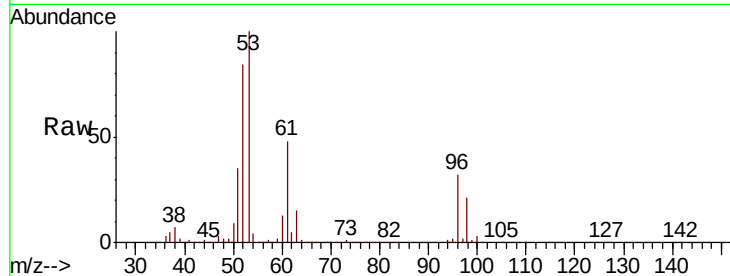
Tot Ion: 96 Resp: 116226

Ion Ratio Lower Upper

96 100

61 148.1 101.0 151.6

98 64.0 47.2 70.8



#22

Diisopropyl ether

Concen: 52.855 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Tgt Ion: 45 Resp: 415771

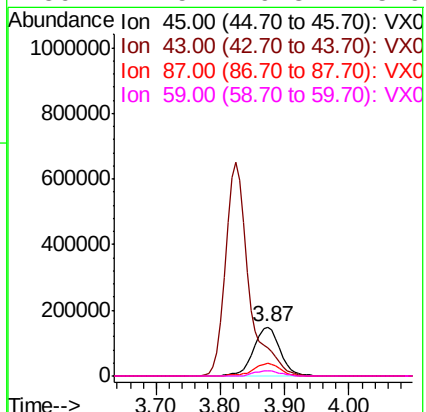
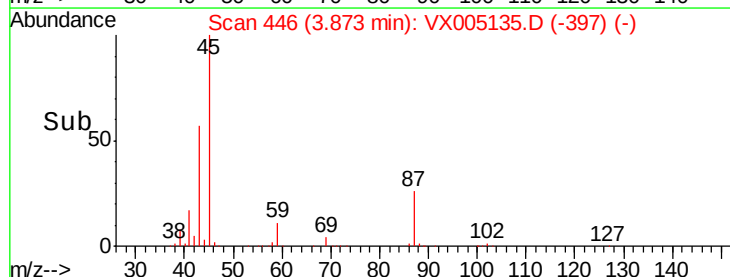
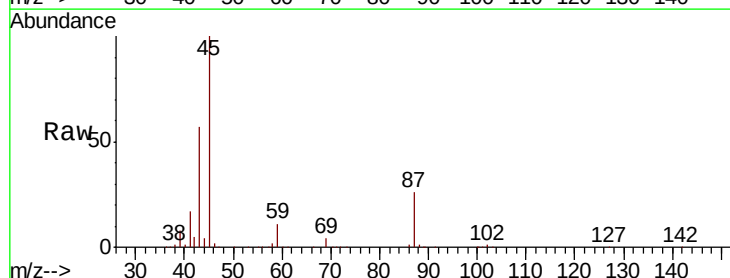
Ion Ratio Lower Upper

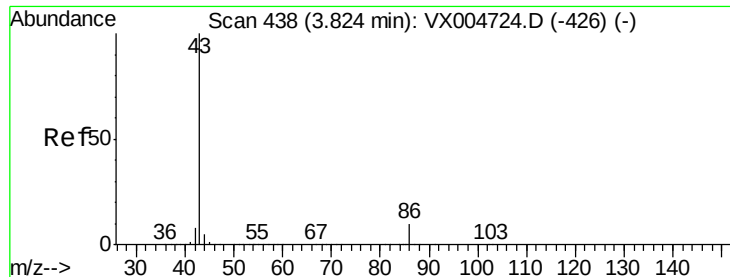
45 100

43 57.0 46.7 70.1

87 26.2 22.9 34.3

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 231.724 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

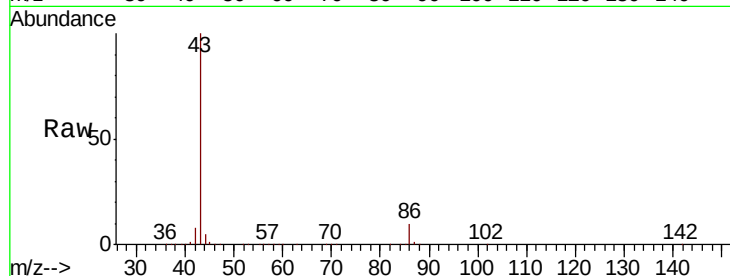
RE-125D2-2018001MS

Tot Ion: 43 Resp: 1668526

Ion Ratio Lower Upper

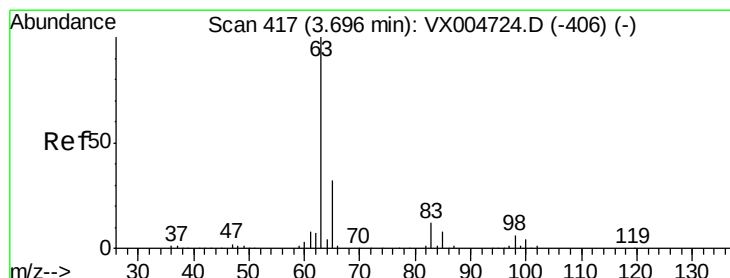
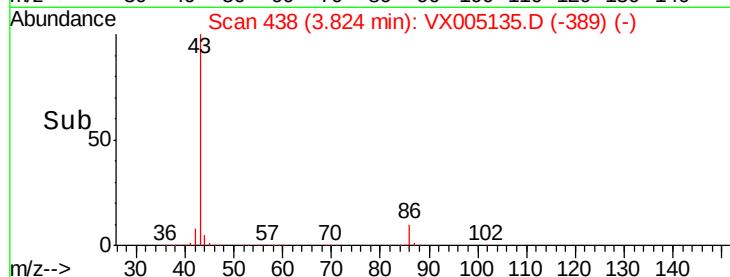
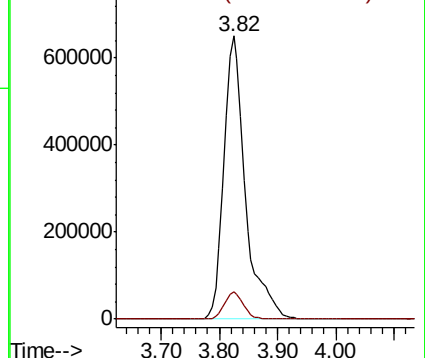
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.545 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

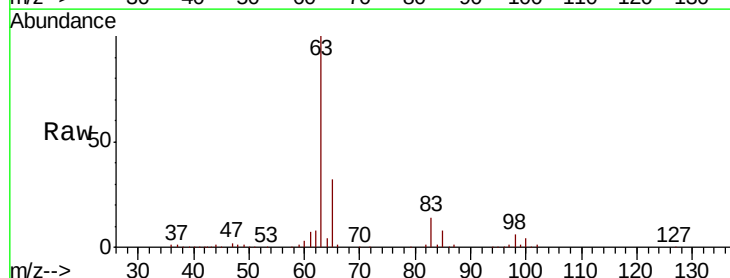
Tgt Ion: 63 Resp: 232485

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

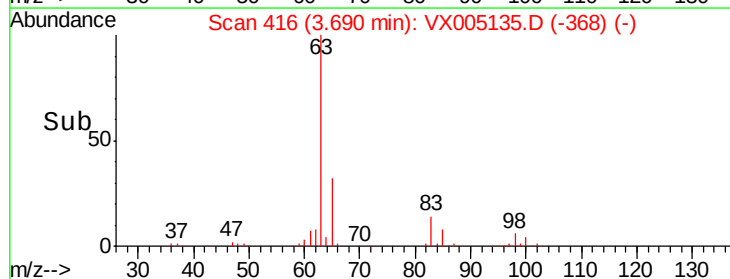
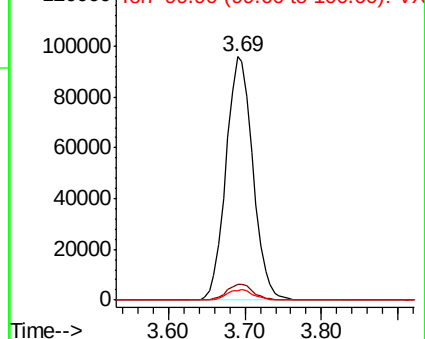
100 3.8 2.0 5.8

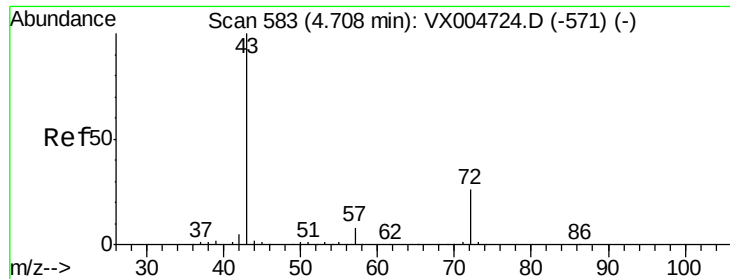


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 252.448 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

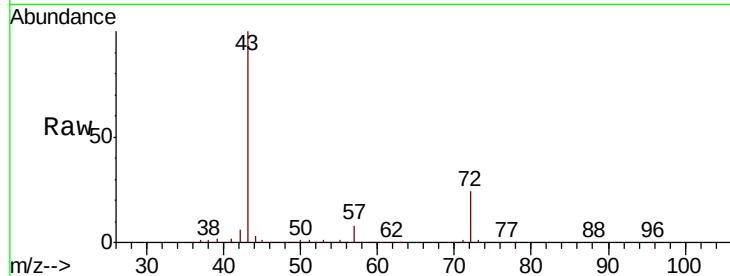
RE-125D2-2018001MS

Tot Ion: 43 Resp: 613210

Ion Ratio Lower Upper

43 100

72 24.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

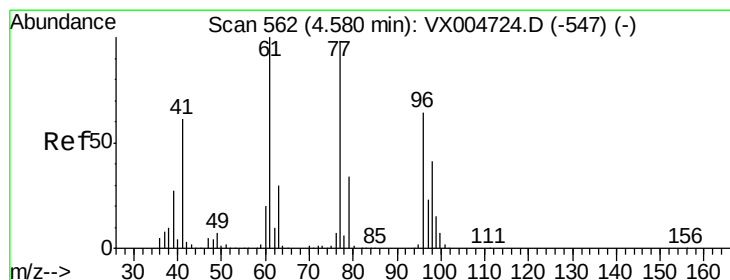
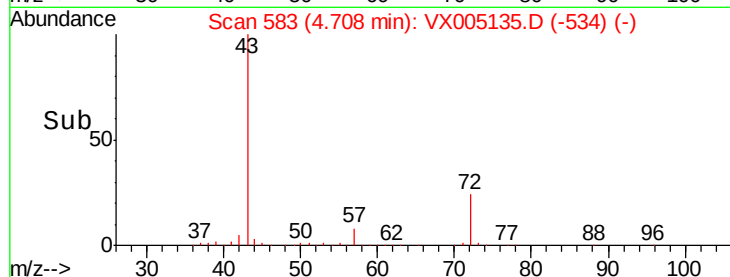
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.390 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005135.D

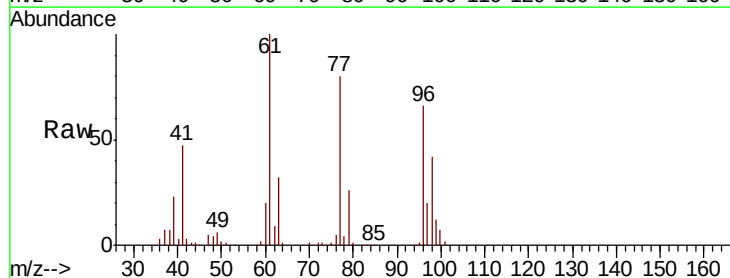
Acq: 08 Oct 2018 18:43

Tgt Ion: 77 Resp: 135245

Ion Ratio Lower Upper

77 100

97 24.6 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

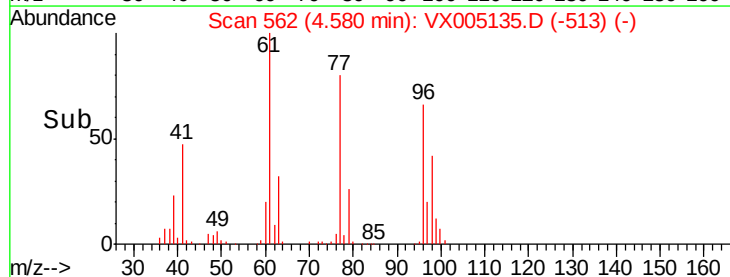
20000

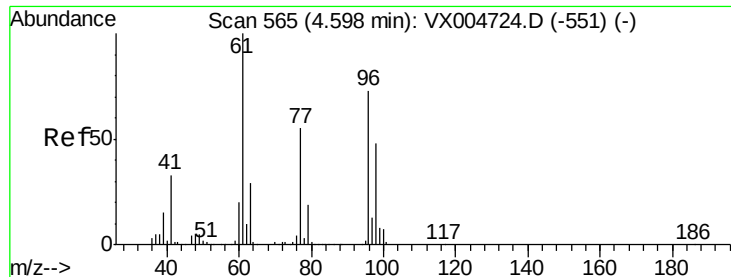
10000

0

4.50 4.60 4.70

Time-->



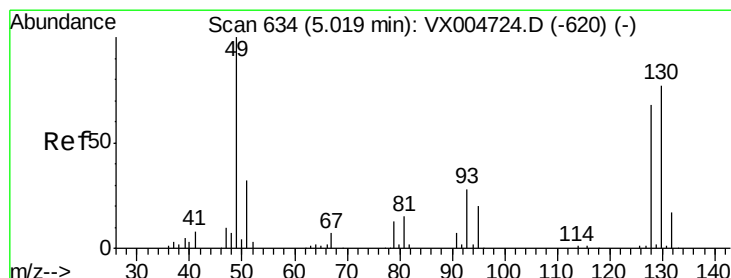
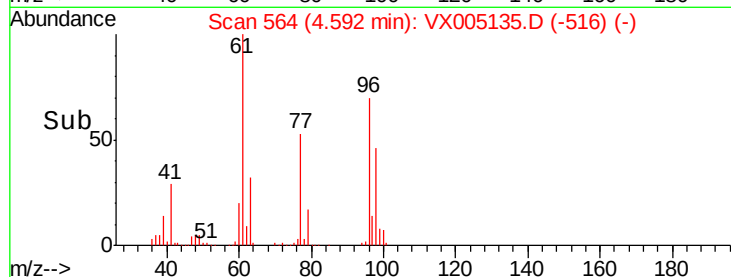
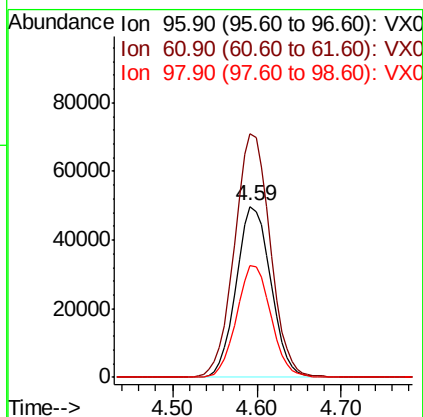
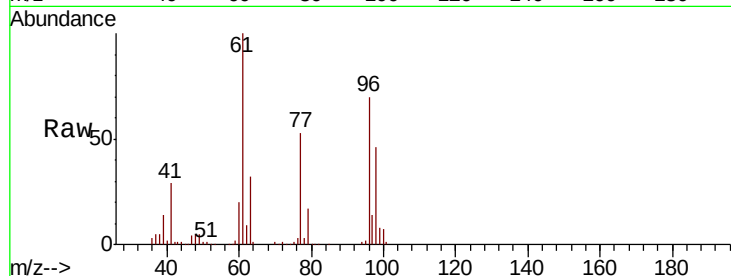


#27

cis-1,2-Dichloroethene
 Concen: 52.991 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

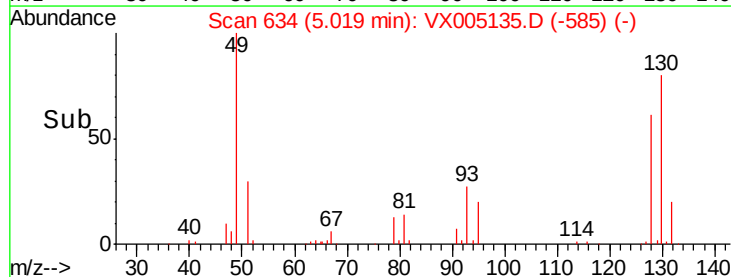
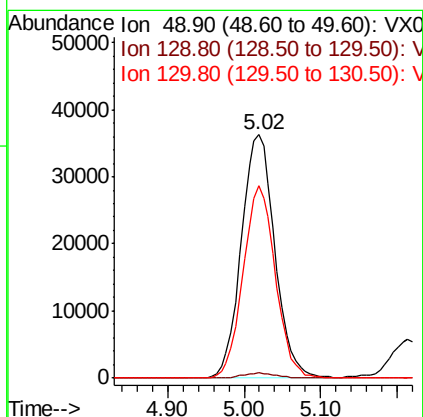
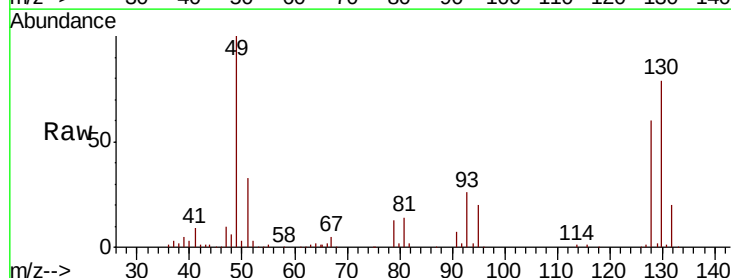
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	285.8
98	64.6	0.0	136.2

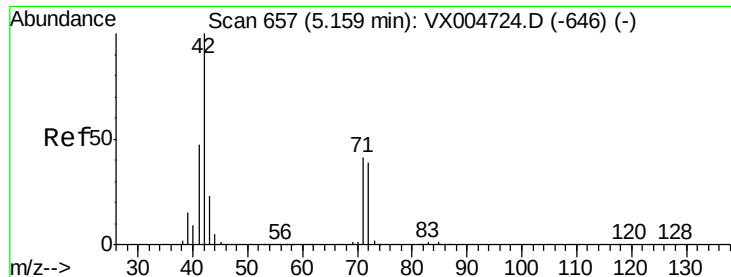


#28

Bromochloromethane
 Concen: 50.079 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.7	62.0	93.0





#29

Tetrahydrofuran

Concen: 265.405 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

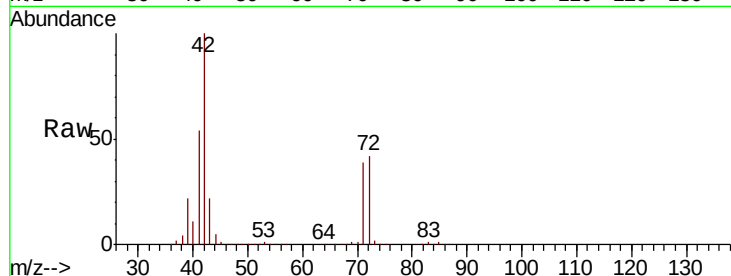
Tot Ion: 42 Resp: 400694

Ion Ratio Lower Upper

42 100

72 41.4 33.7 50.5

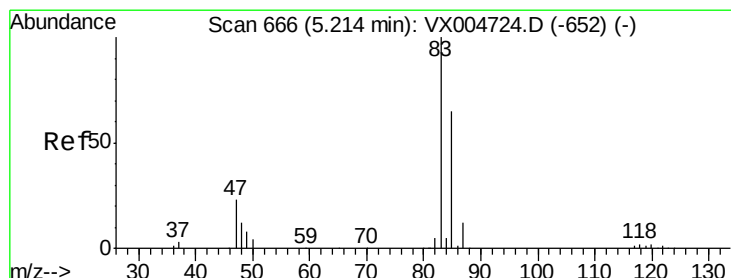
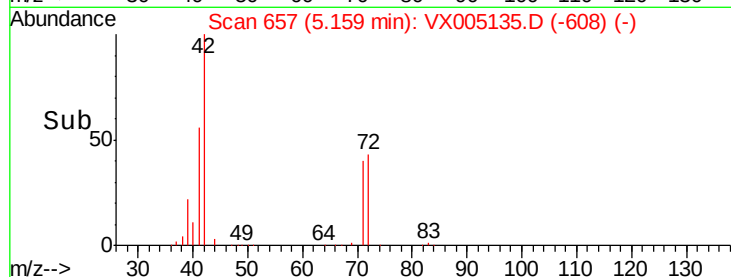
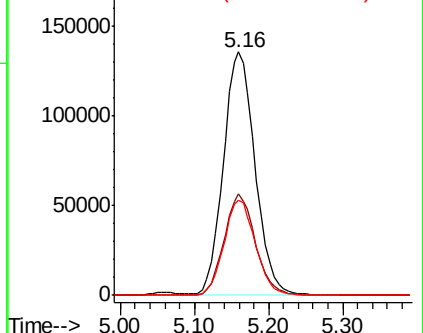
71 39.0 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.728 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005135.D

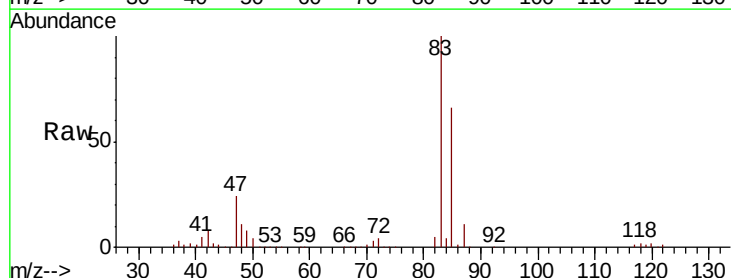
Acq: 08 Oct 2018 18:43

Tgt Ion: 83 Resp: 220530

Ion Ratio Lower Upper

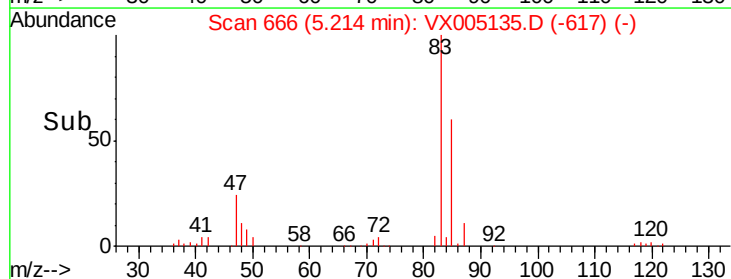
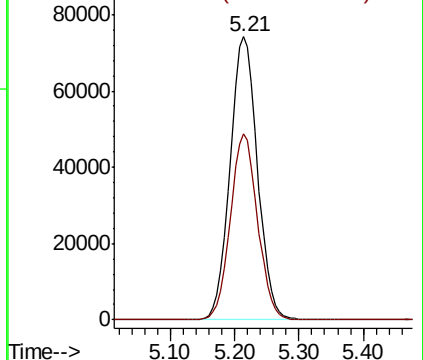
83 100

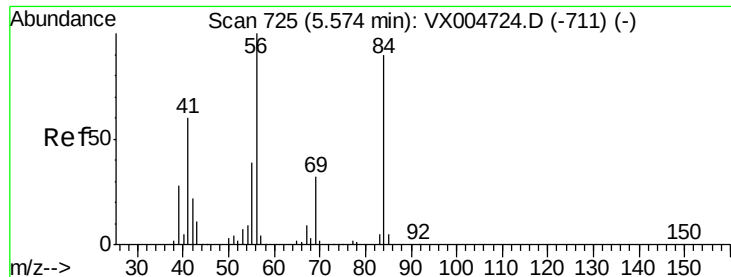
85 66.0 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

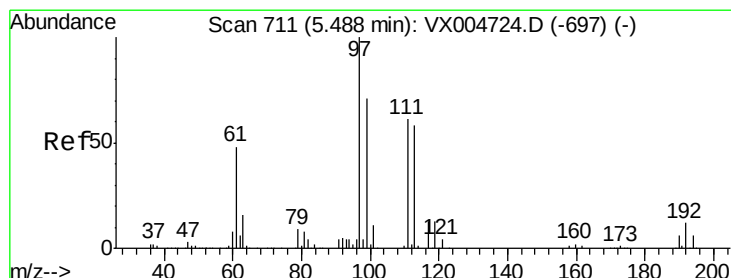
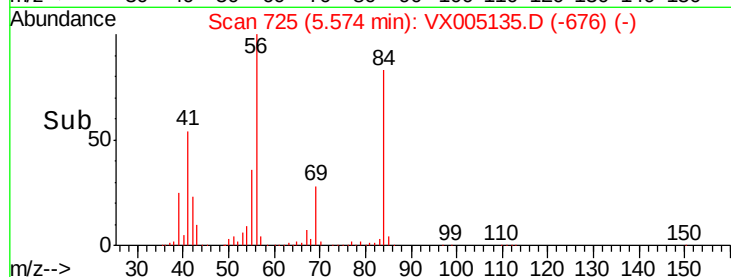
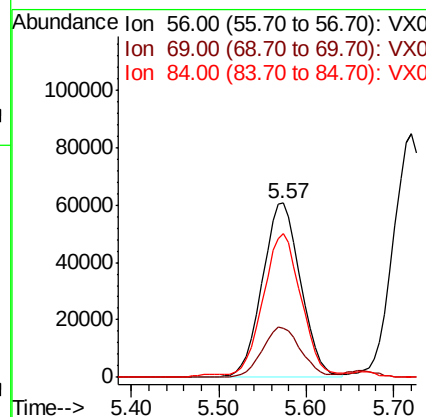
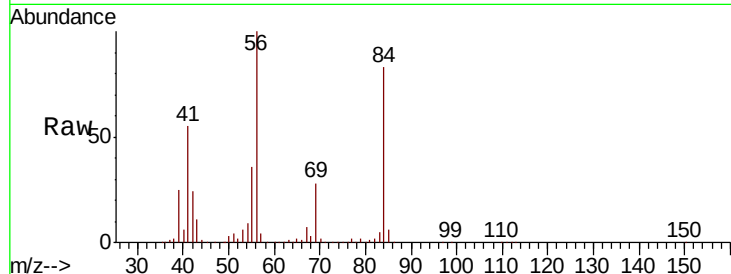




#31
Cyclohexane
Concen: 51.655 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

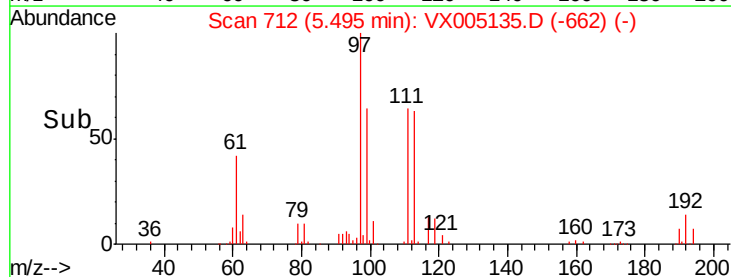
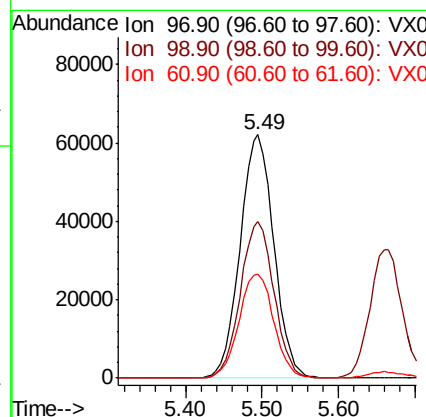
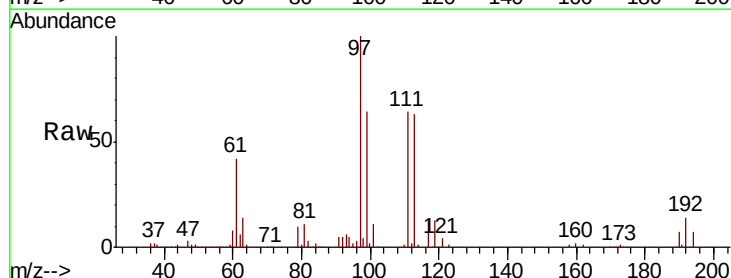
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

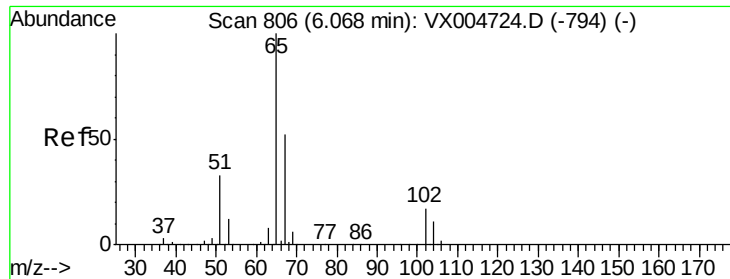
Tot Ion: 56 Resp: 185514
Ion Ratio Lower Upper
56 100
69 28.4 25.9 38.9
84 81.9 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 52.514 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 97 Resp: 190194
Ion Ratio Lower Upper
97 100
99 63.9 54.6 82.0
61 44.0 37.5 56.3

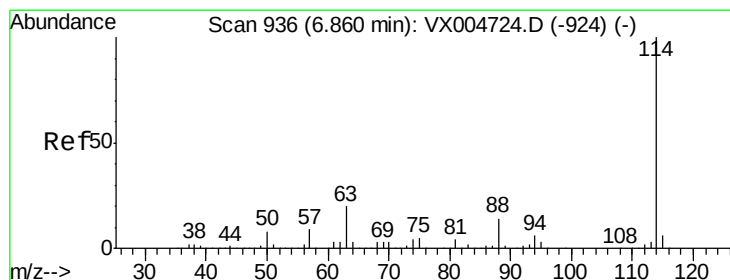
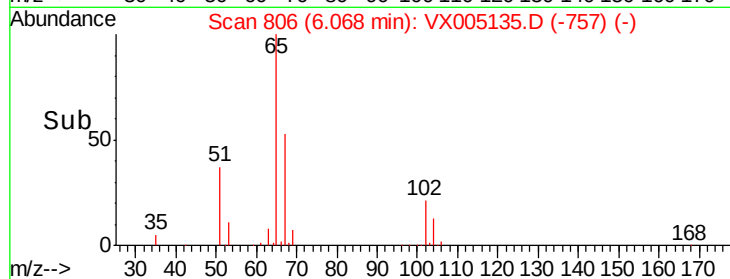
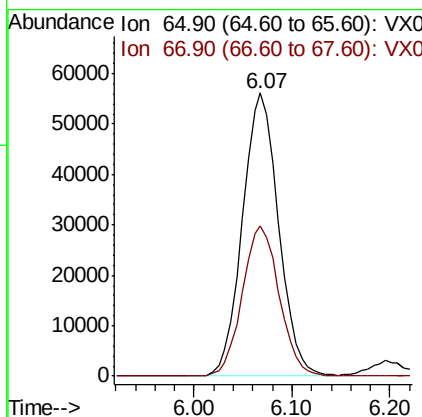
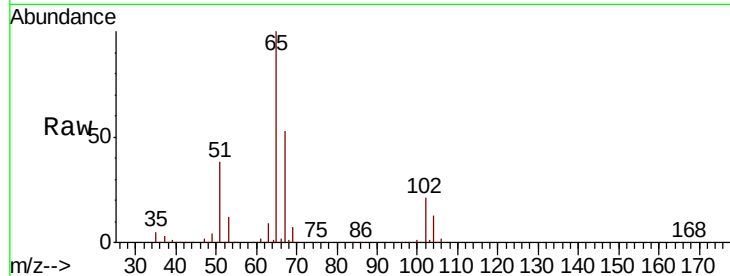




#33
 1,2-Dichloroethane-d4
 Concen: 50.958 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

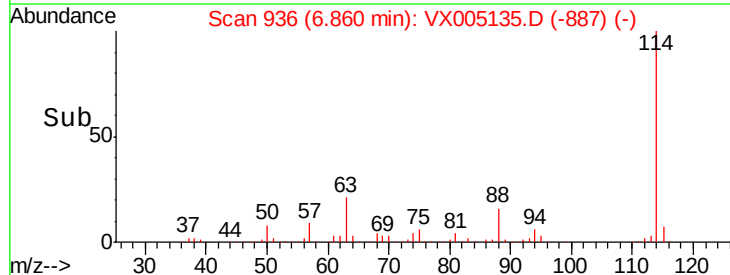
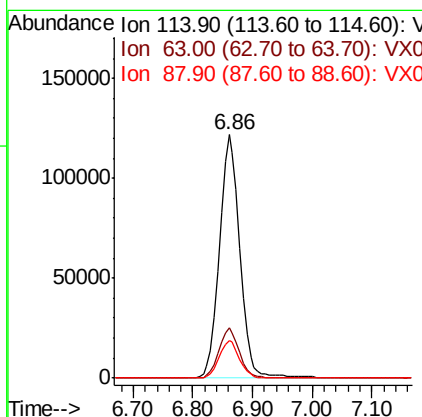
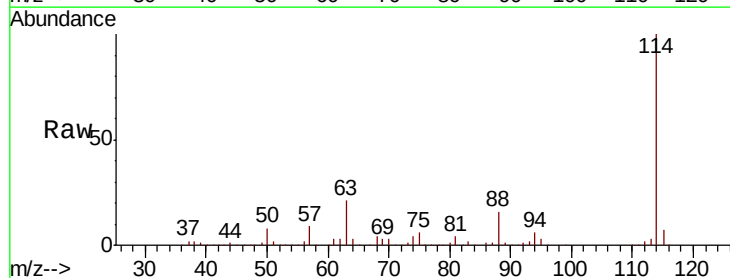
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

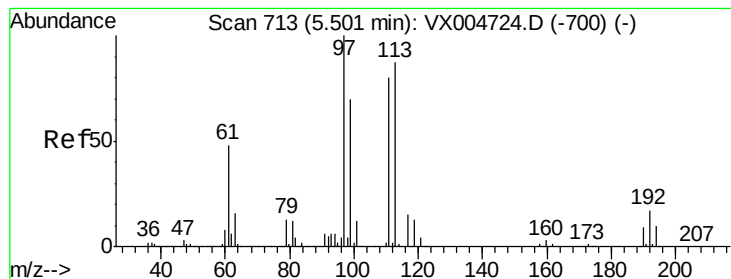
Tot Ion: 65 Resp: 143836
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 114 Resp: 290960
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

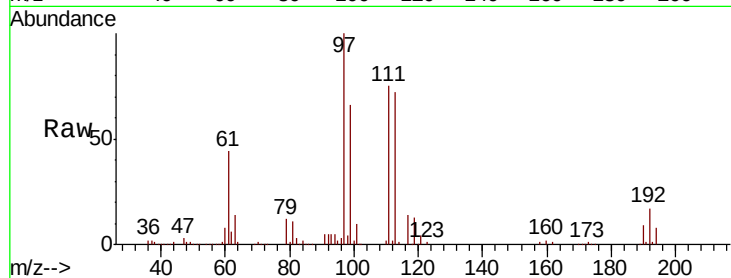
Tot Ion:113 Resp: 119730

Ion Ratio Lower Upper

113 100

111 101.7 77.0 115.4

192 23.1 17.0 25.6

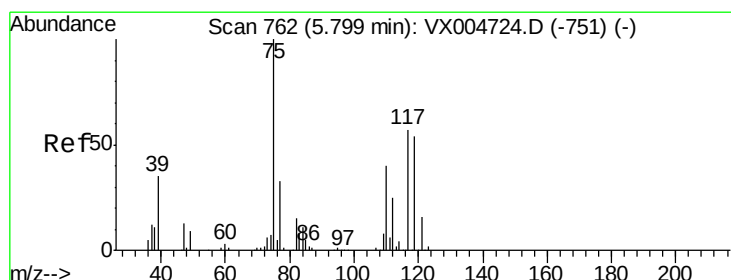
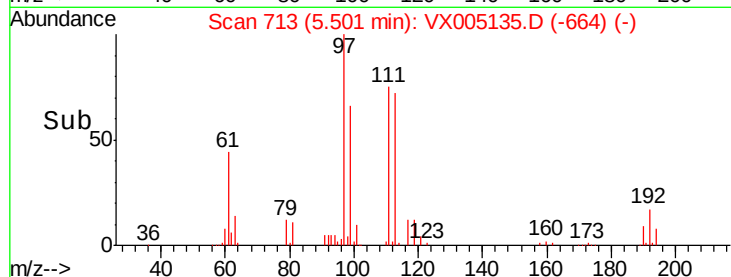
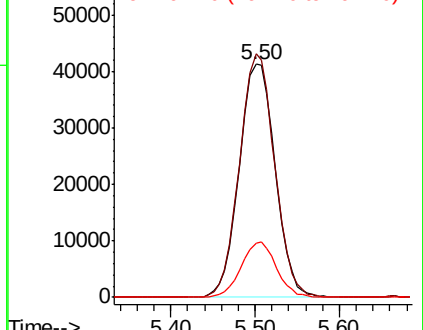


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.039 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

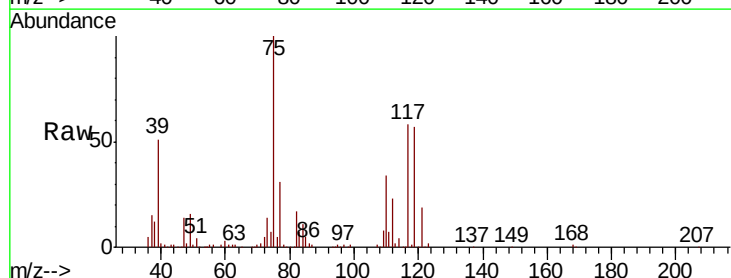
Tgt Ion: 75 Resp: 158259

Ion Ratio Lower Upper

75 100

110 36.1 20.0 59.9

77 31.5 27.1 40.7

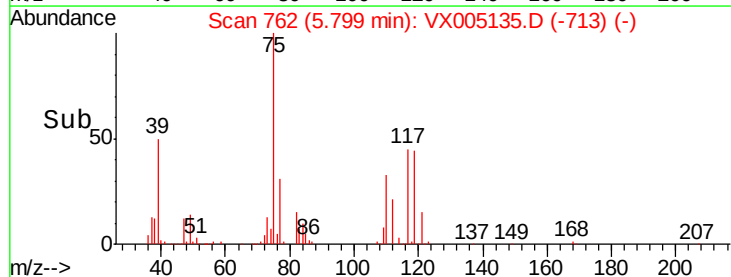
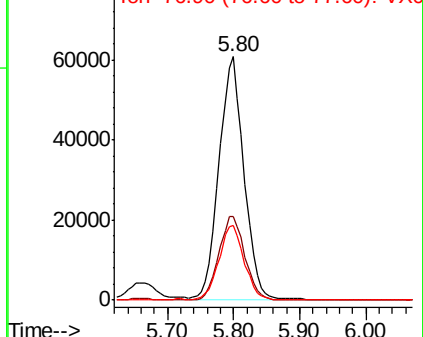


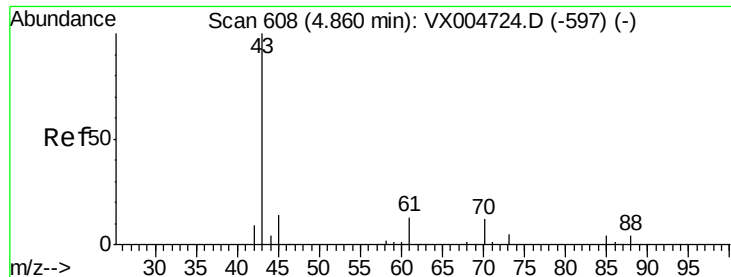
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

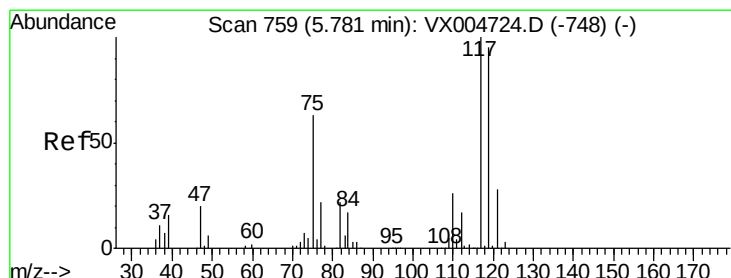
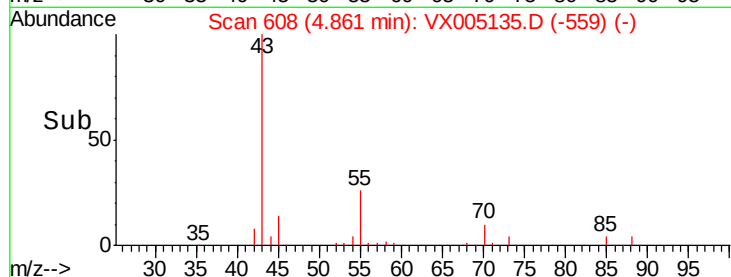
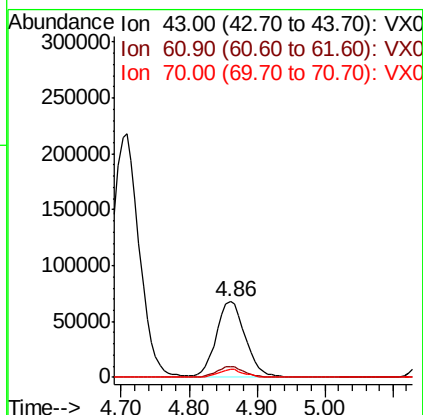
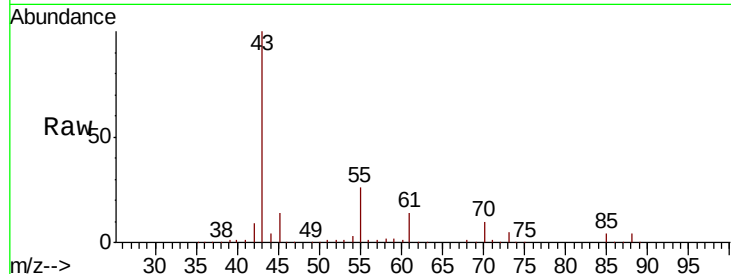




#37
Ethyl Acetate
Concen: 45.017 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

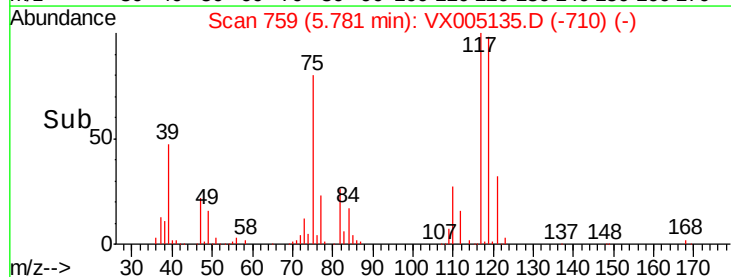
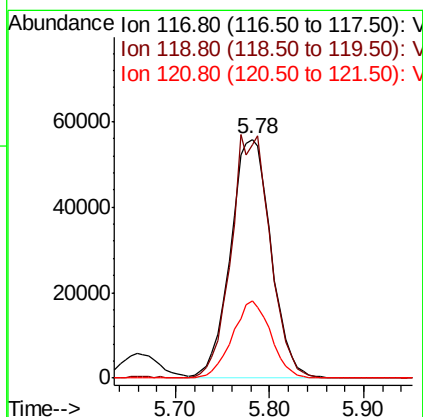
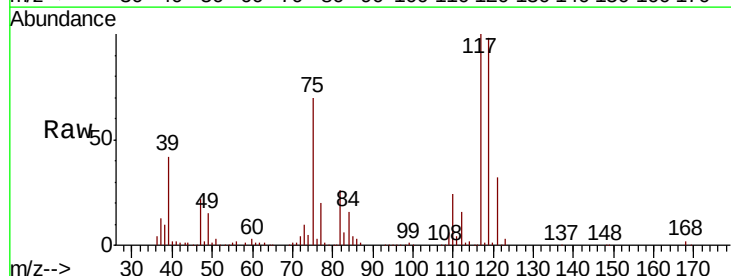
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

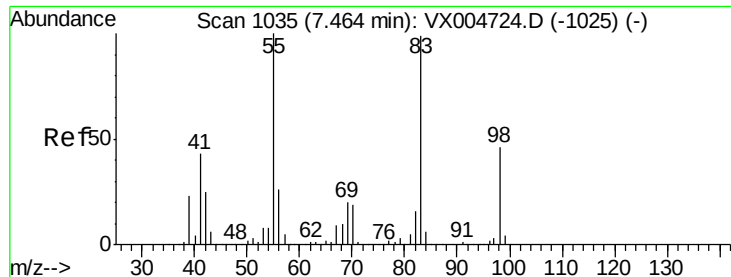
Tot Ion: 43 Resp: 201045
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 9.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.242 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 117 Resp: 167078
Ion Ratio Lower Upper
117 100
119 97.7 75.2 112.8
121 32.2 22.5 33.7

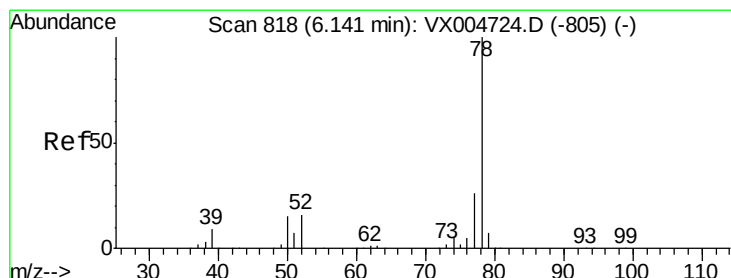
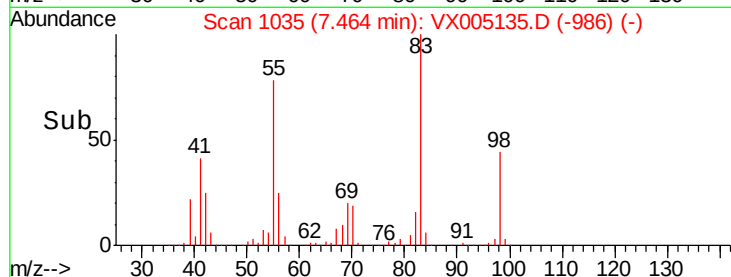
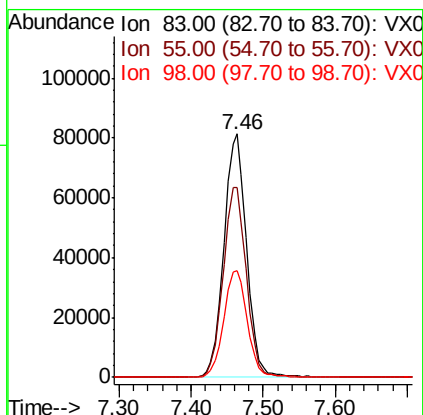
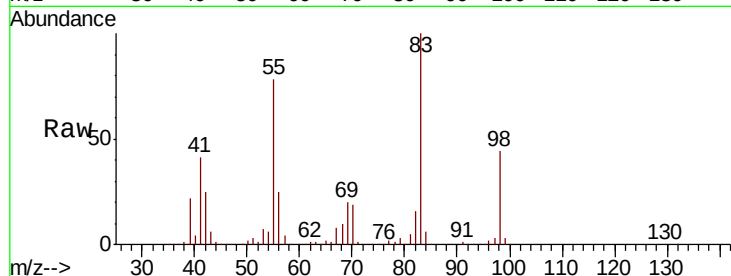




#39
Methylvlcyclohexane
Concen: 51.885 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

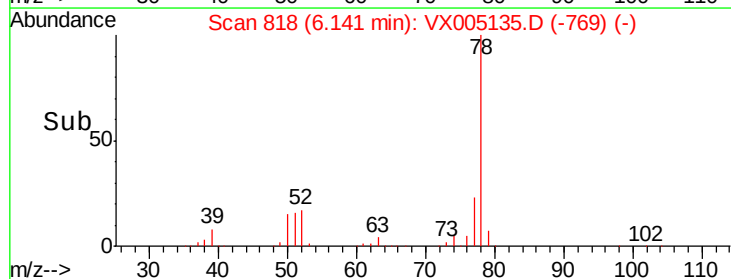
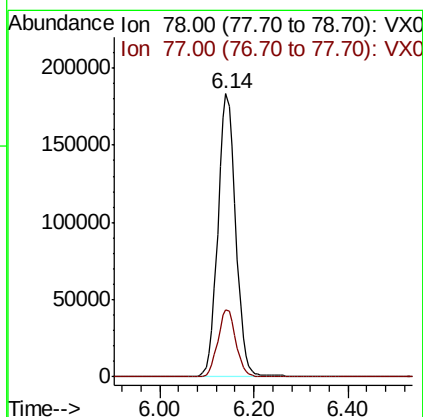
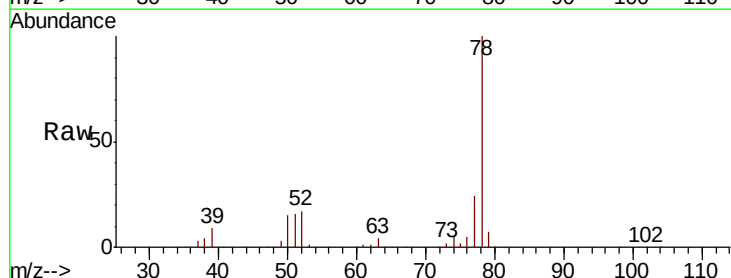
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

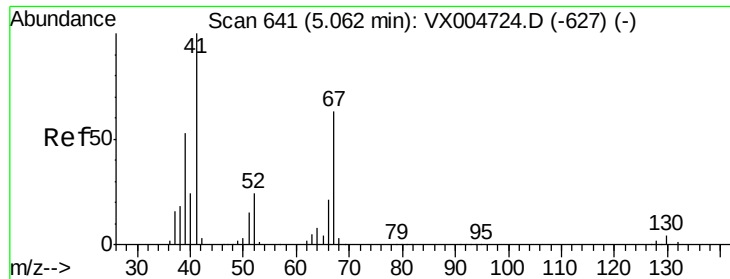
Tot Ion: 83 Resp: 178249
Ion Ratio Lower Upper
83 100
55 78.1 81.1 121.7#
98 43.9 37.3 55.9



#40
Benzene
Concen: 45.911 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 78 Resp: 483577
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4

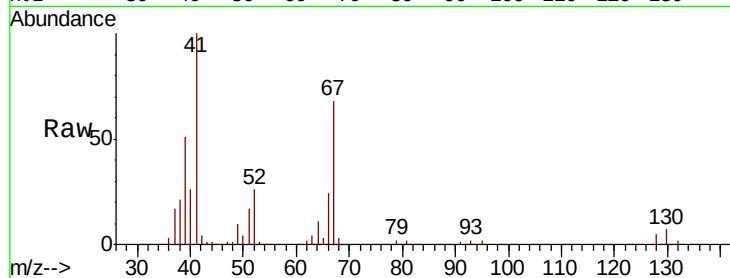




#41
Methacrylonitrile
Concen: 49.681 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

Tot Ion:	41	Resp:	123046
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	68.5	53.0	79.6
52	27.2	19.8	29.8



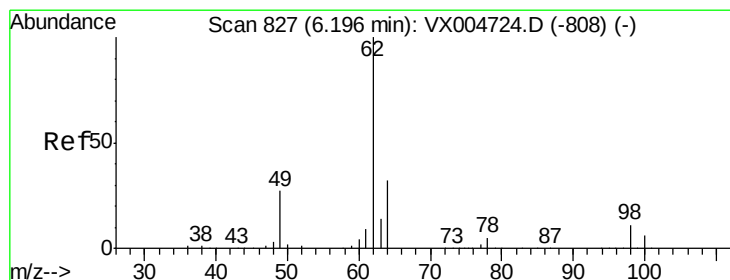
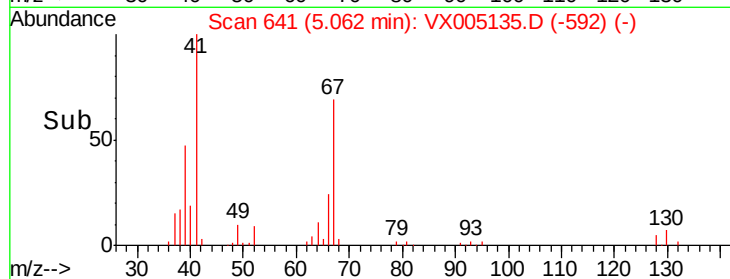
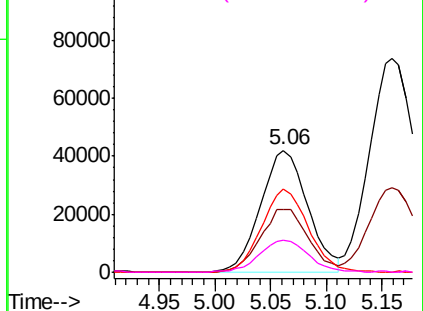
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

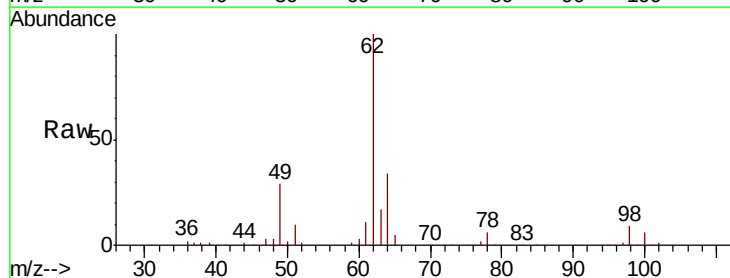
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 47.333 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

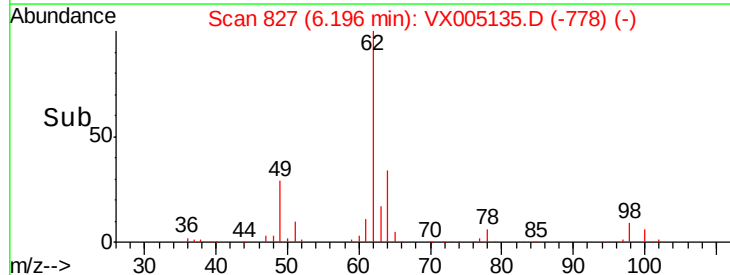
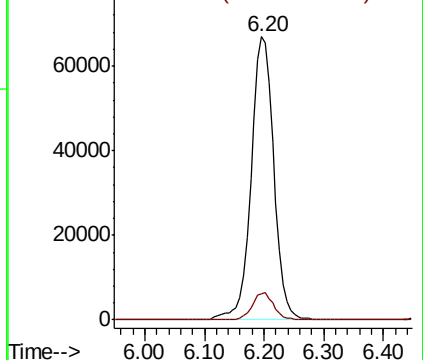
Tgt Ion:	62	Resp:	176245
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

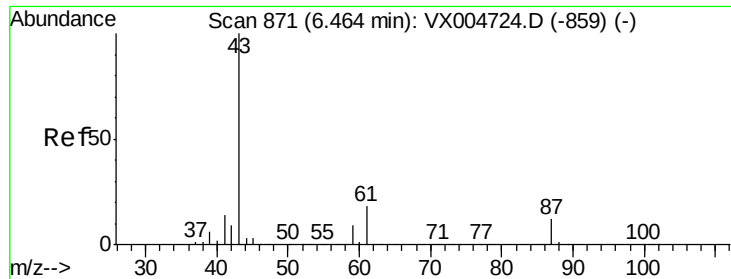


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.632 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

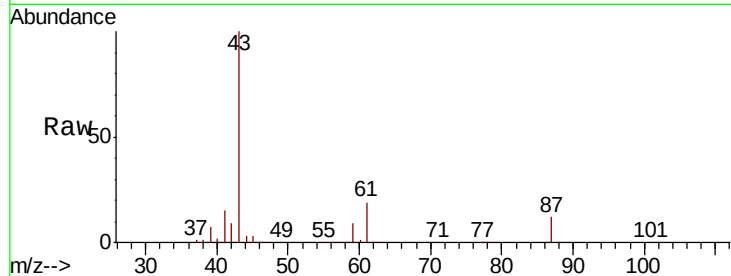
Tot Ion: 43 Resp: 313478

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.4

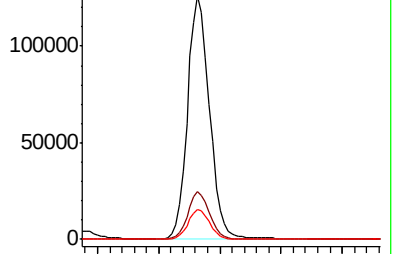
87 12.3 9.3 13.9



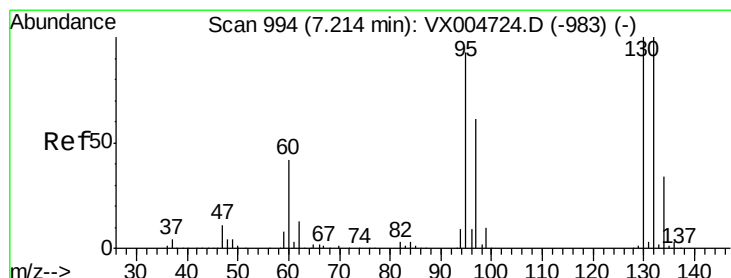
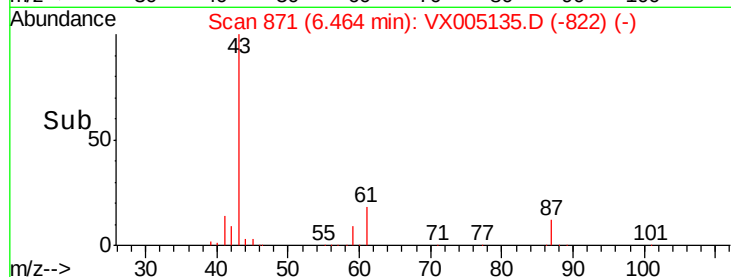
Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



Time-->



#44

Trichloroethene

Concen: 226.847 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005135.D

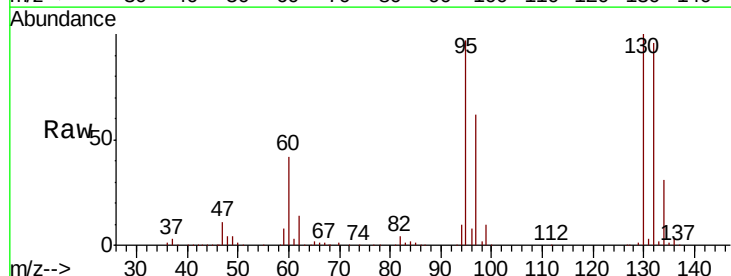
Acq: 08 Oct 2018 18:43

Tgt Ion:130 Resp: 587385

Ion Ratio Lower Upper

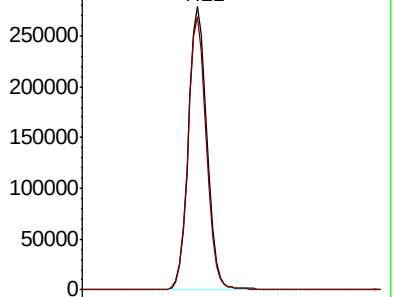
130 100

95 96.6 0.0 186.8

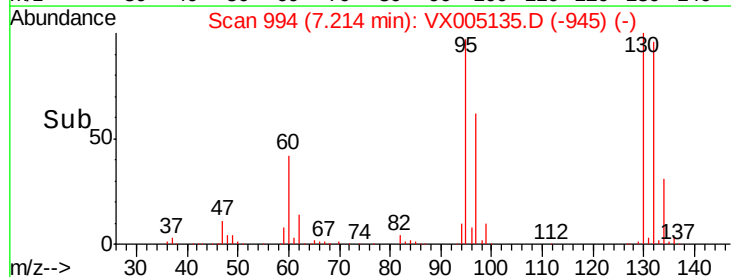


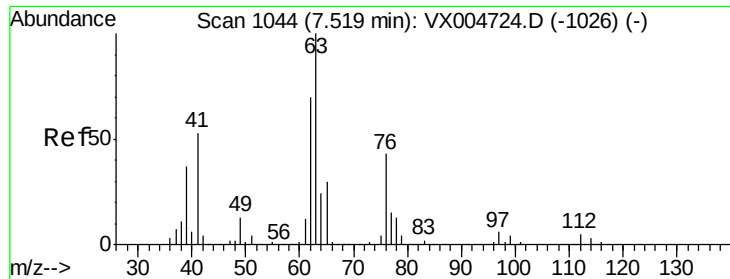
Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)



Time-->

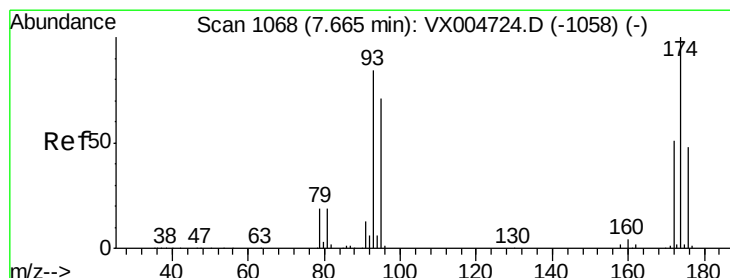
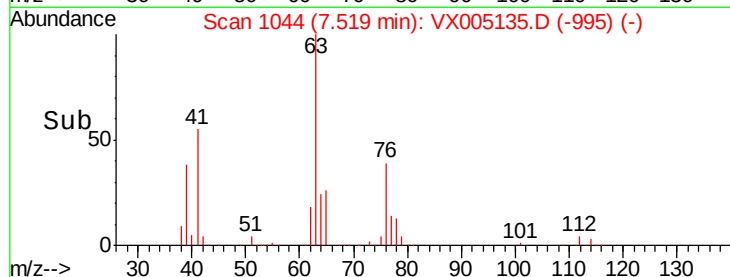
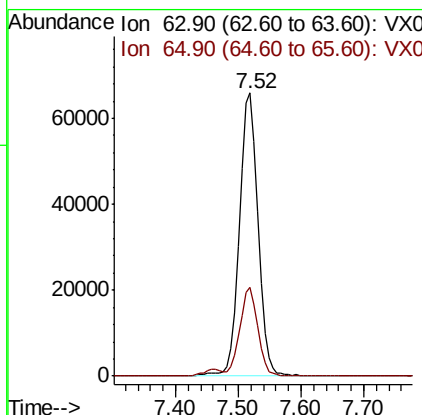
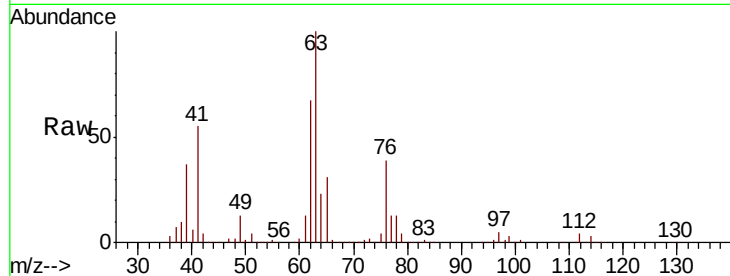




#45
 1,2-Dichloropropane
 Concen: 52.536 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

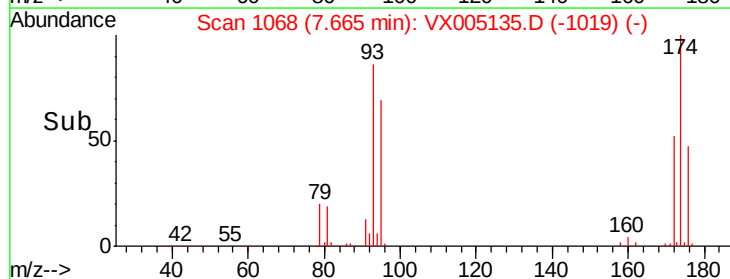
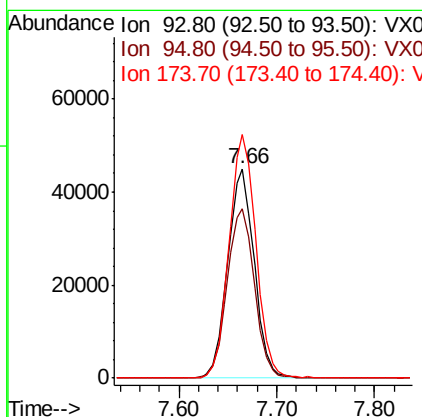
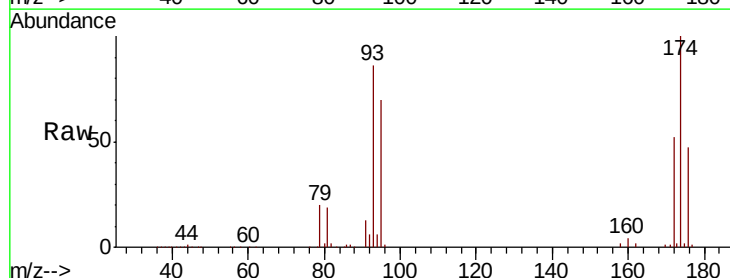
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

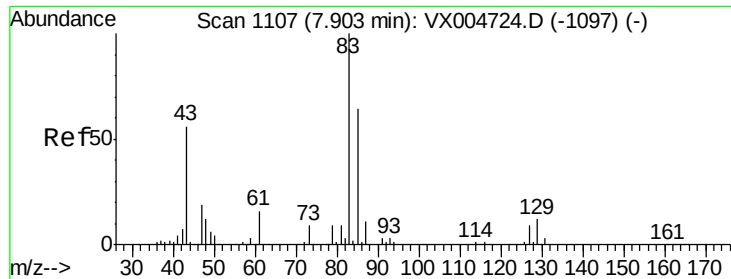
Tot Ion: 63 Resp: 135703
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.9 35.9



#46
 Dibromomethane
 Concen: 52.009 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 93 Resp: 84428
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 117.8 92.7 139.1

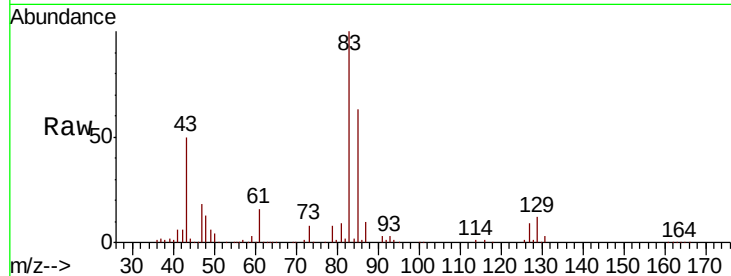




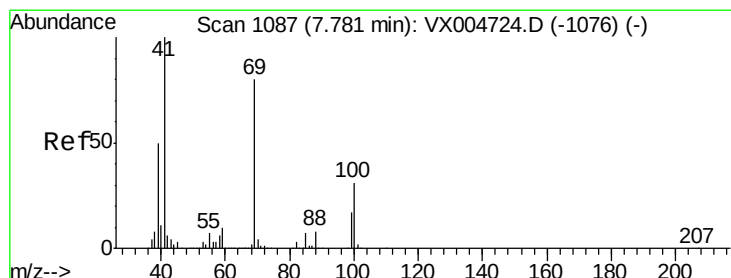
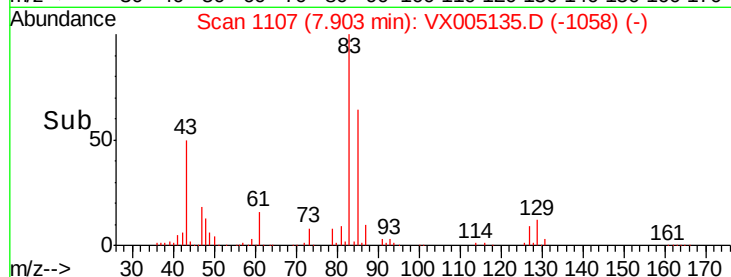
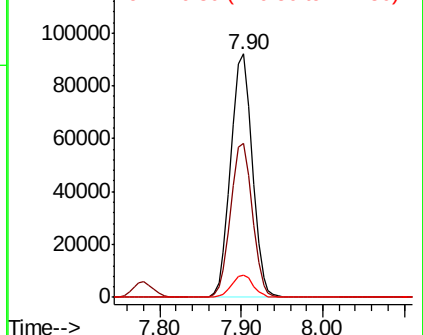
#47
 Bromodichloromethane
 Concen: 55.199 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

Tot Ion: 83 Resp: 167767
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.2 76.8
 127 9.0 7.0 10.6

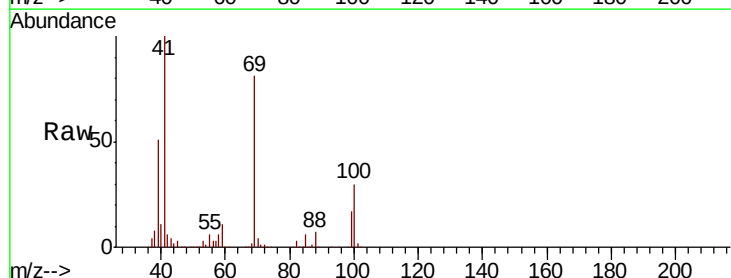


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

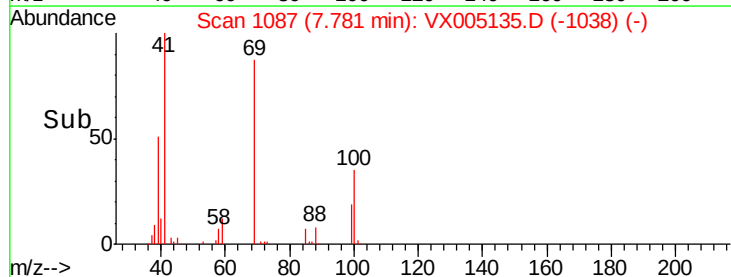
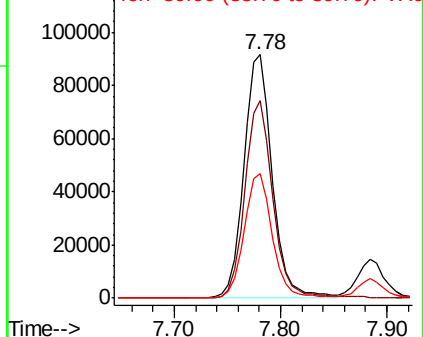


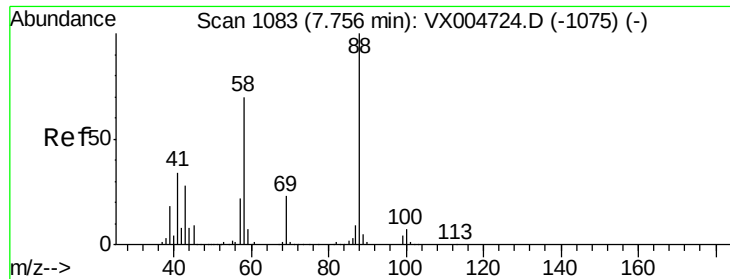
#48
 Methyl methacrylate
 Concen: 58.191 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 41 Resp: 170250
 Ion Ratio Lower Upper
 41 100
 69 80.8 63.8 95.6
 39 50.8 40.7 61.1



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: 1058.386 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

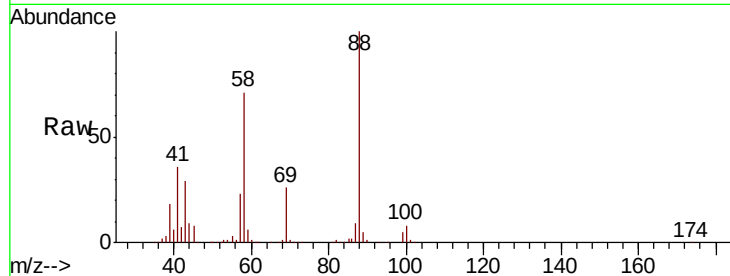
Tot Ion: 88 Resp: 76930

Ion Ratio Lower Upper

88 100

43 32.3 25.1 37.7

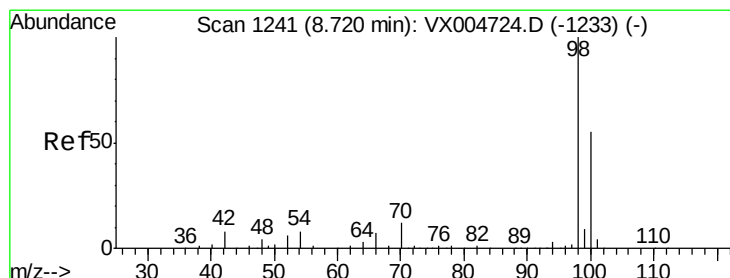
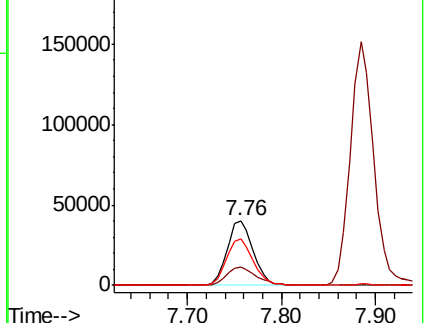
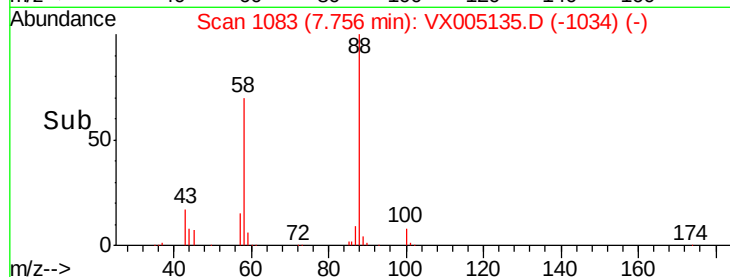
58 73.8 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.135 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005135.D

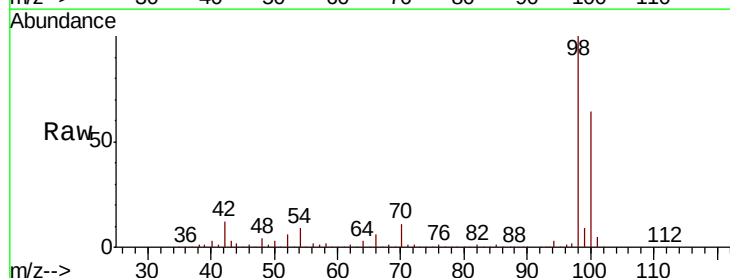
Acq: 08 Oct 2018 18:43

Tgt Ion: 98 Resp: 443793

Ion Ratio Lower Upper

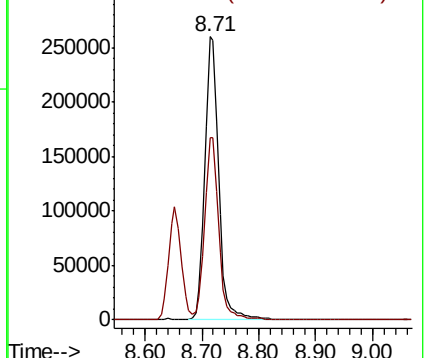
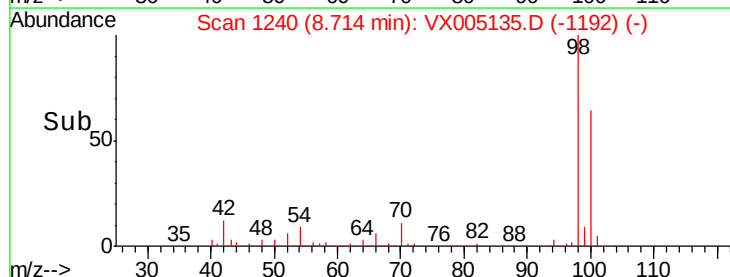
98 100

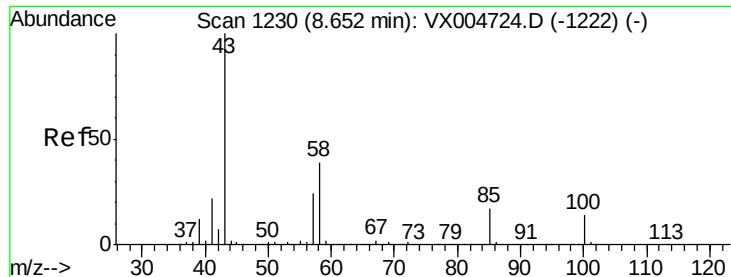
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 286.570 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

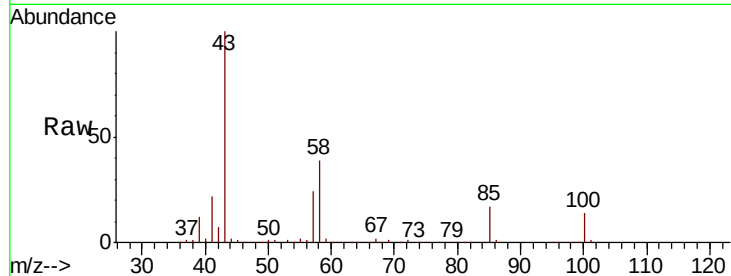
RE-125D2-2018001MS

Tot Ion: 43 Resp: 1163088

Ion Ratio Lower Upper

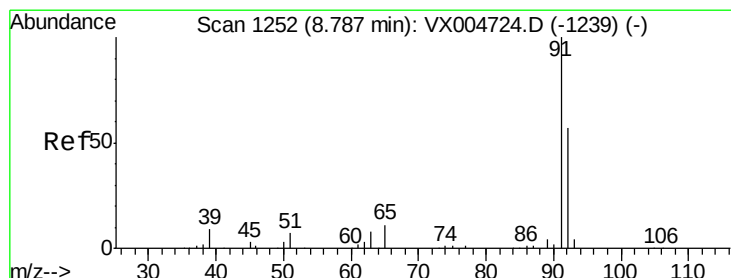
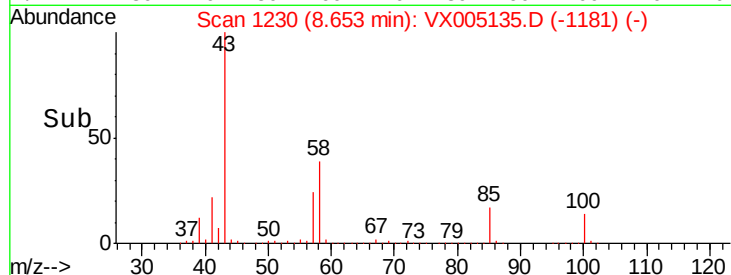
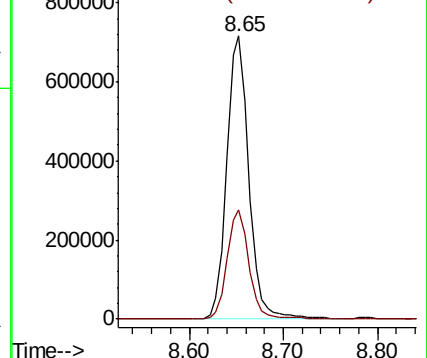
43 100

58 38.5 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.357 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005135.D

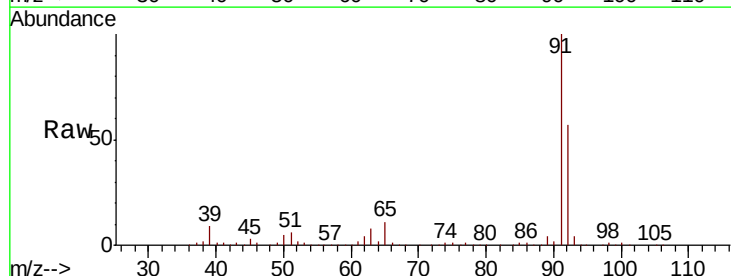
Acq: 08 Oct 2018 18:43

Tgt Ion: 92 Resp: 303030

Ion Ratio Lower Upper

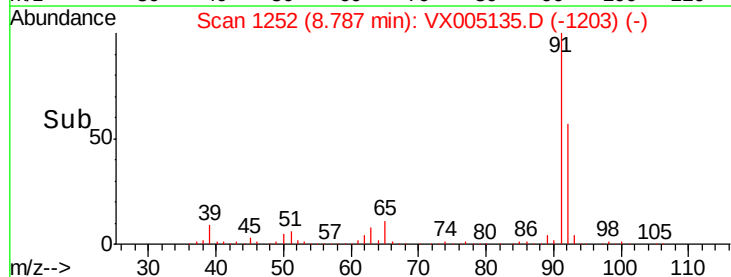
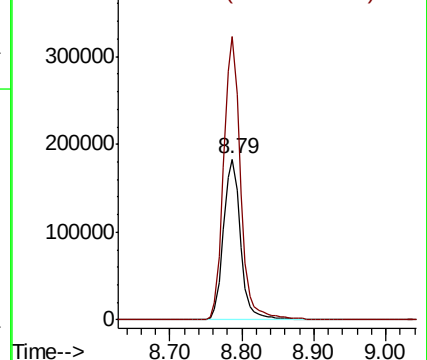
92 100

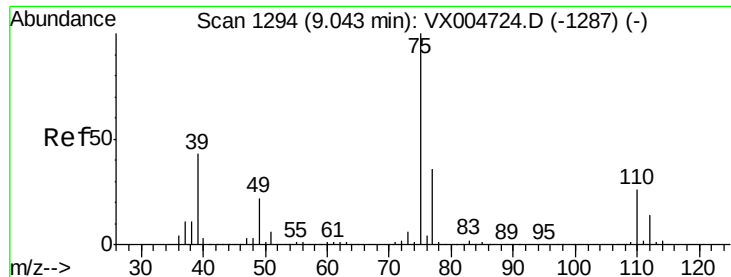
91 174.3 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

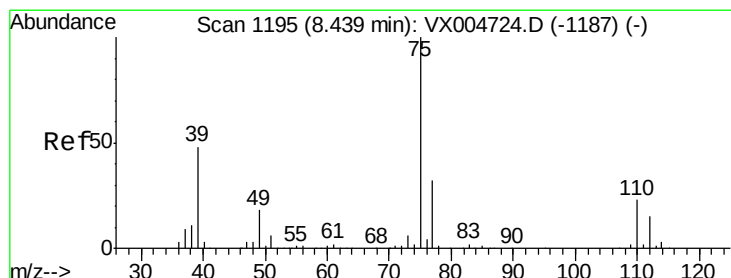
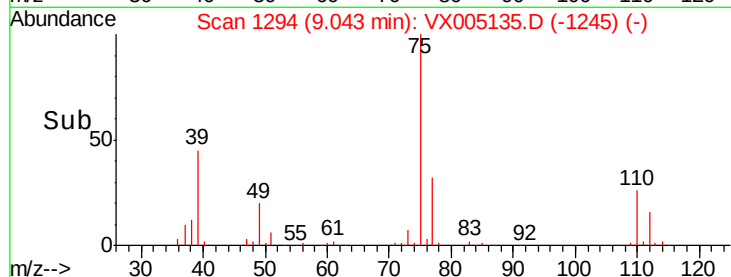
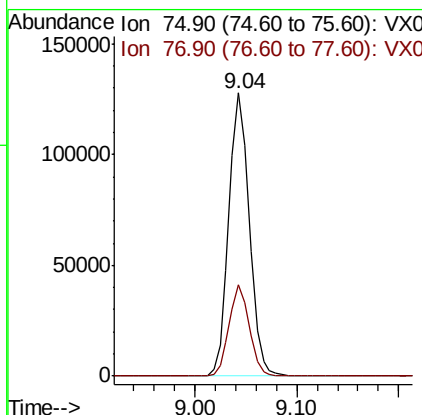
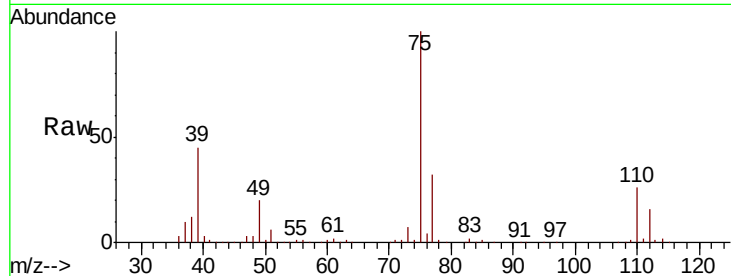




#53
 t-1,3-Dichloropropene
 Concen: 51.854 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

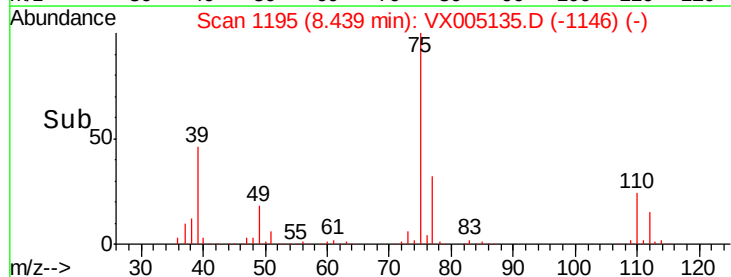
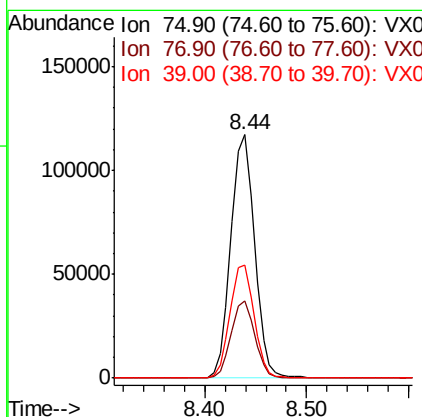
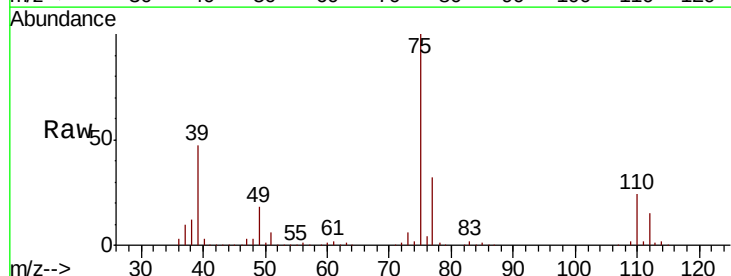
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

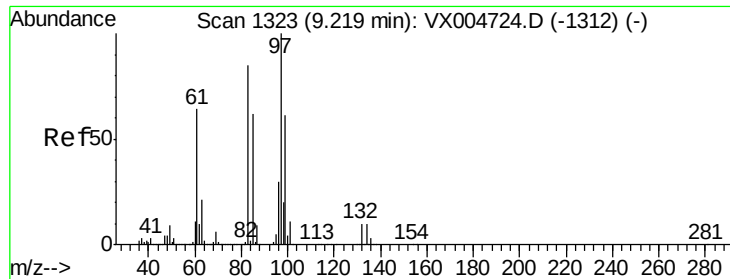
Tot Ion: 75 Resp: 178093
 Ion Ratio Lower Upper
 75 100
 77 32.2 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.522 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 75 Resp: 188942
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 46.5 38.3 57.5

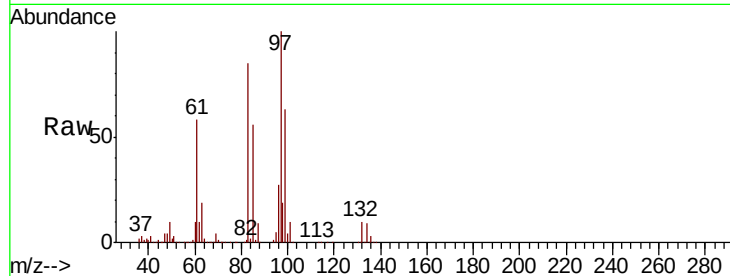




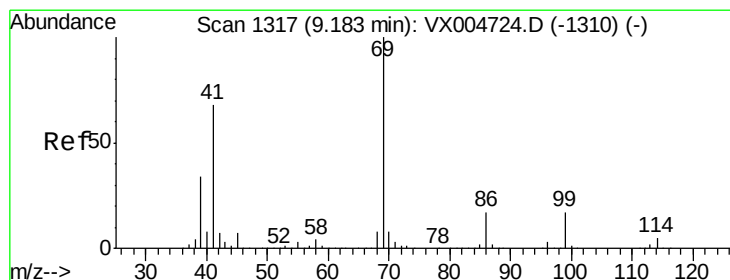
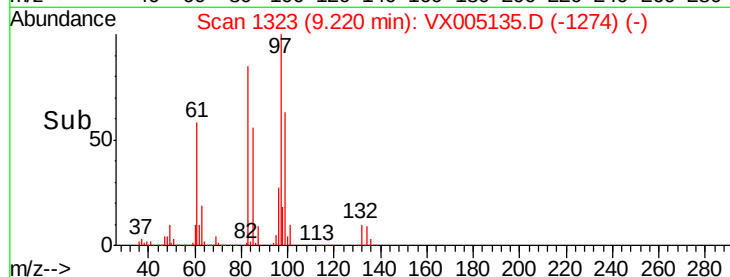
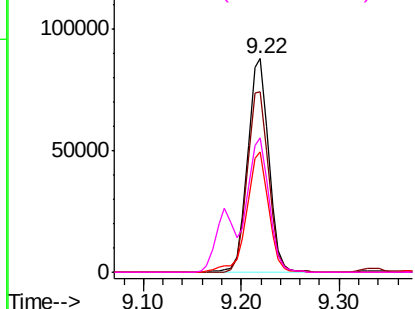
#55
 1,1,2-Trichloroethane
 Concen: 51.623 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

Tot Ion: 97 Resp: 130874
 Ion Ratio Lower Upper
 97 100
 83 84.5 68.2 102.2
 85 56.1 49.9 74.9
 99 63.1 48.9 73.3

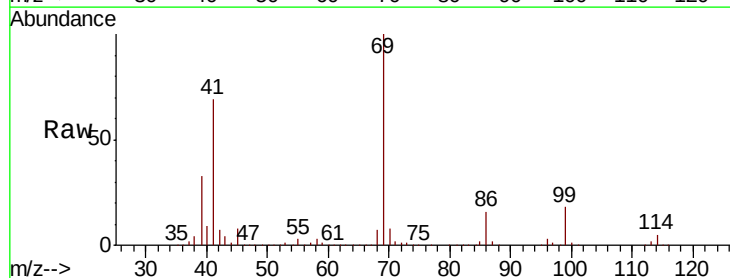


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

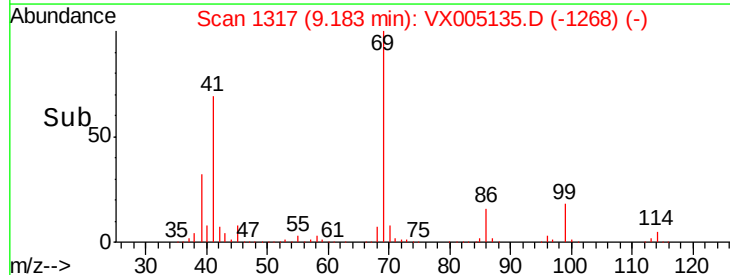
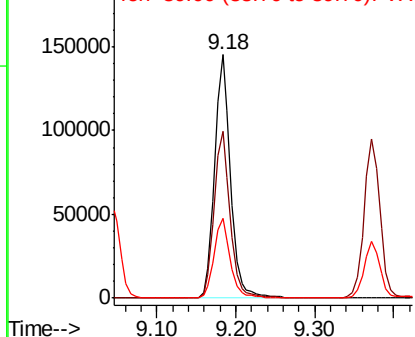


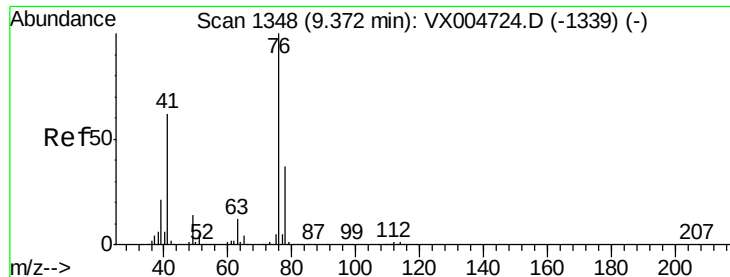
#56
 Ethyl methacrylate
 Concen: 49.787 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 69 Resp: 204767
 Ion Ratio Lower Upper
 69 100
 41 68.9 56.9 85.3
 39 33.0 28.4 42.6



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

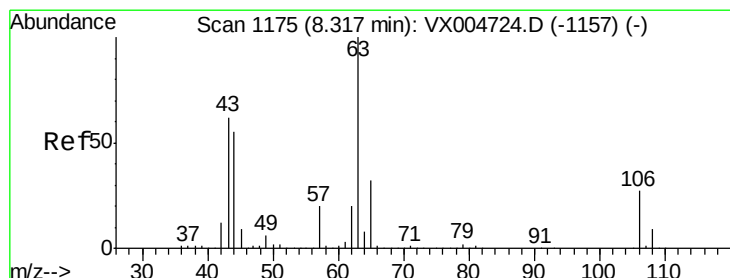
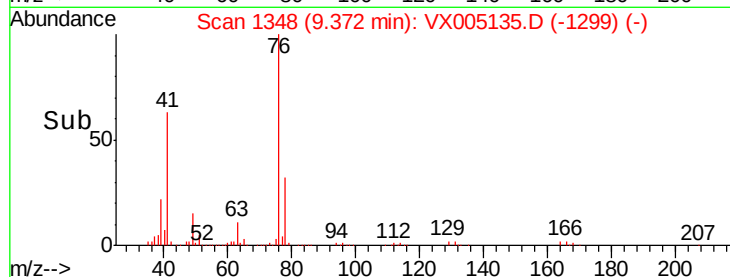
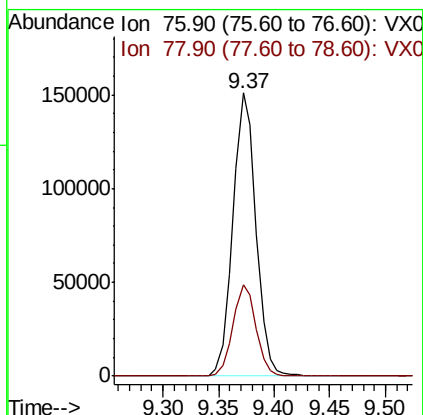
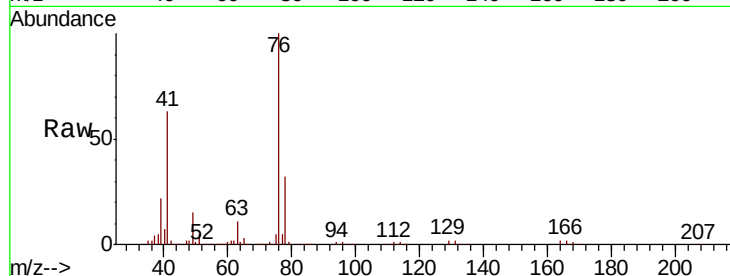




#57
 1,3-Dichloropropane
 Concen: 51.380 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

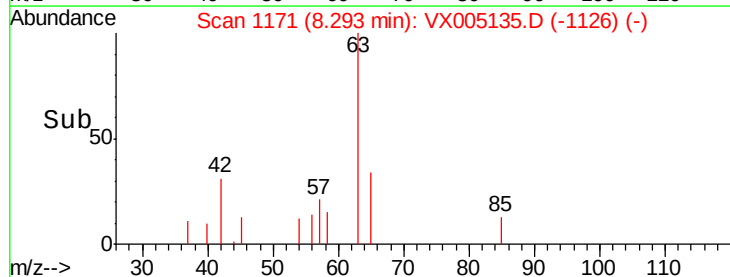
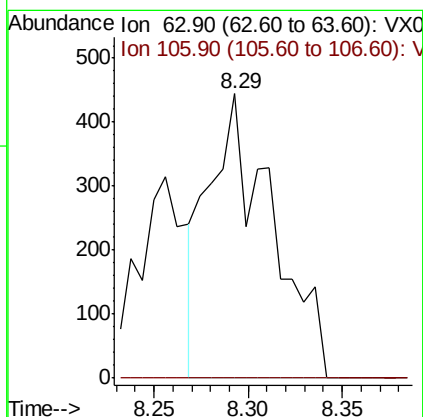
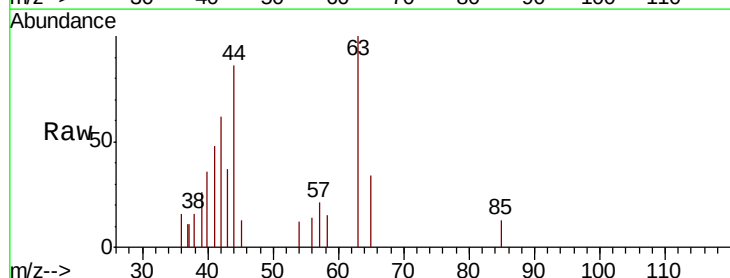
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

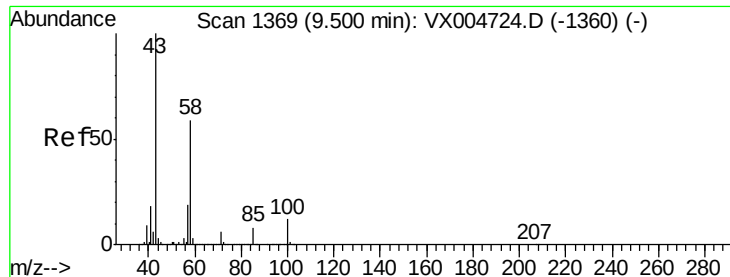
Tot Ion: 76 Resp: 216796
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.687 ug/l
 RT: 8.29 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 63 Resp: 1030
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#

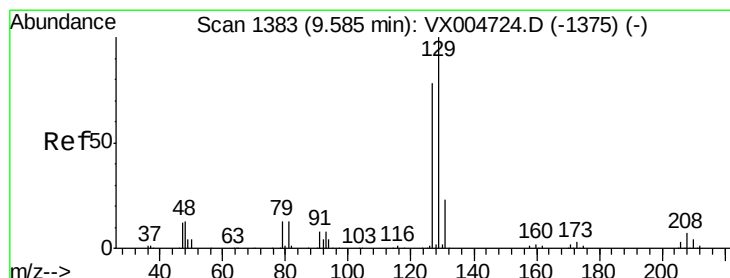
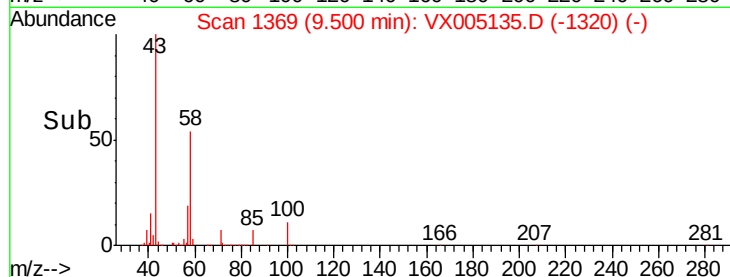
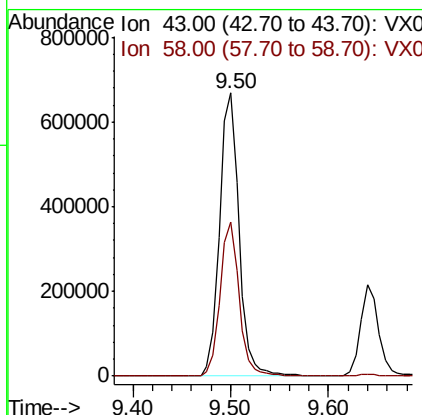
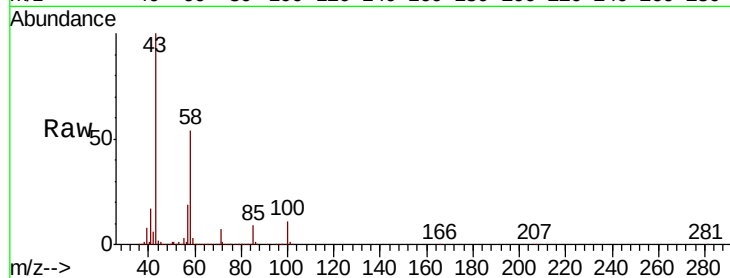




#59
2-Hexanone
Concen: 273.040 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

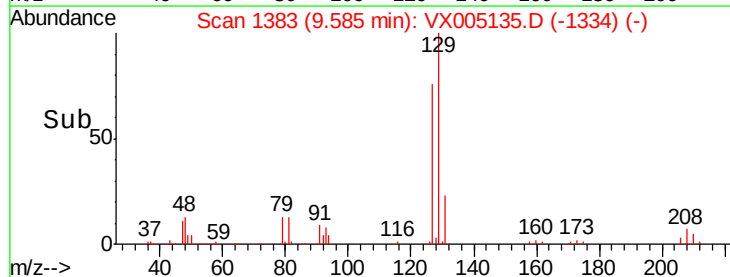
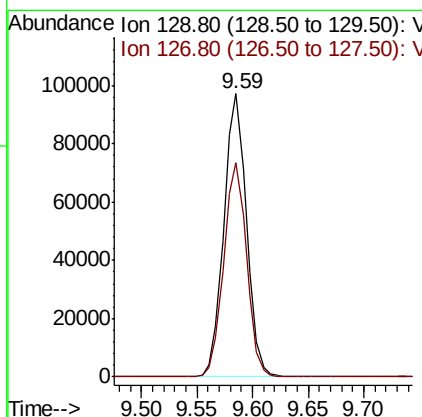
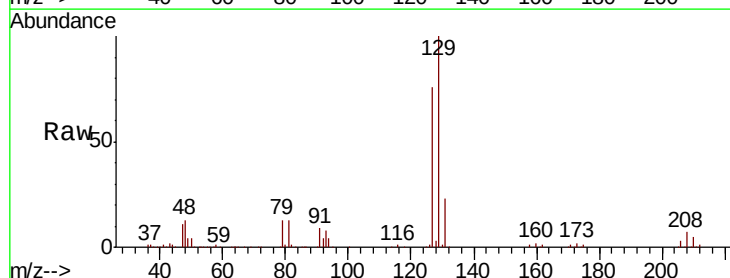
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

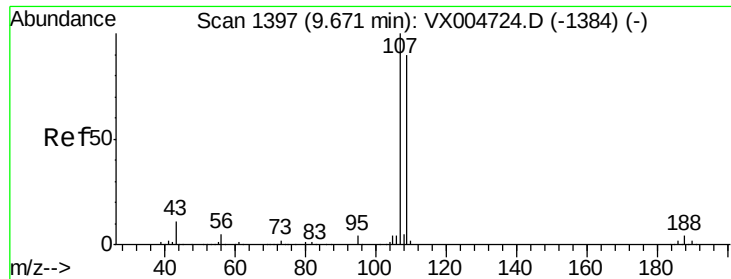
Tot Ion: 43 Resp: 923464
Ion Ratio Lower Upper
43 100
58 53.3 28.4 85.3



#60
Dibromochloromethane
Concen: 53.963 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion:129 Resp: 136817
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.385 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

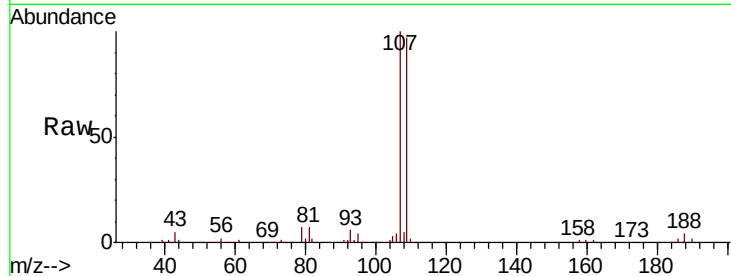
RE-125D2-2018001MS

Tot Ion:107 Resp: 134084

Ion Ratio Lower Upper

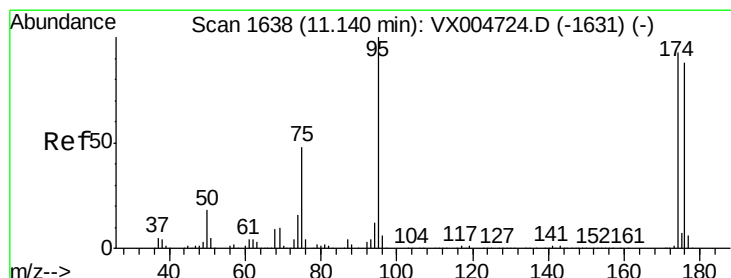
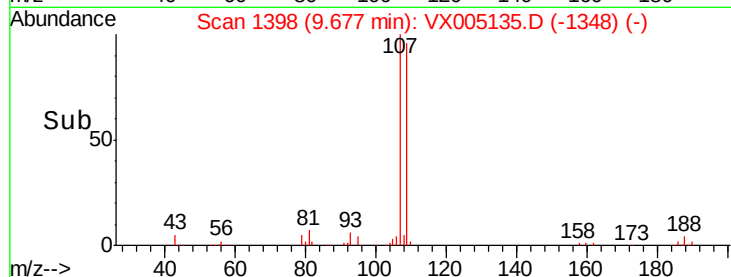
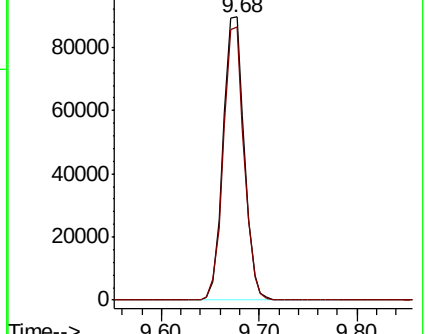
107 100

109 95.2 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.880 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

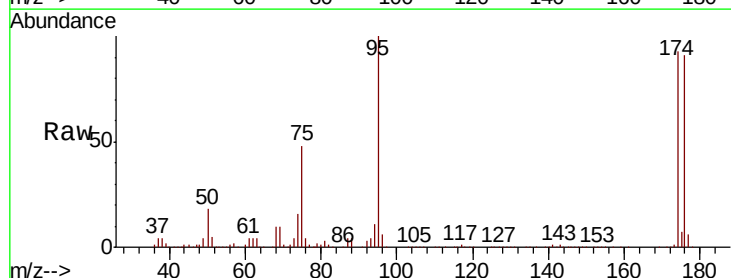
Tgt Ion: 95 Resp: 167988

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.0

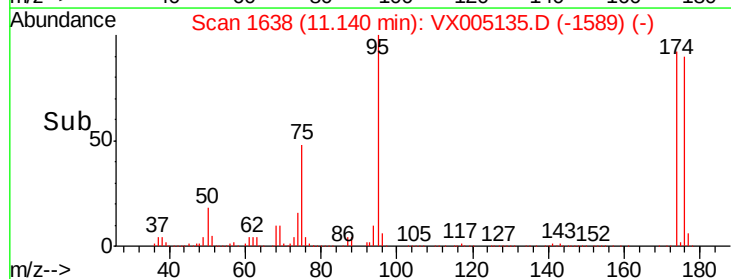
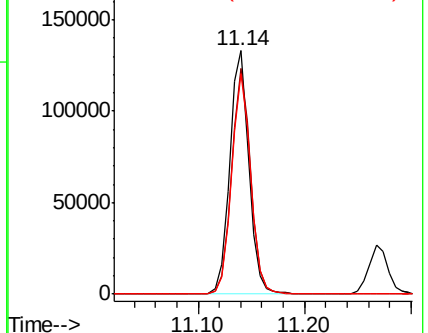
176 90.0 0.0 180.2

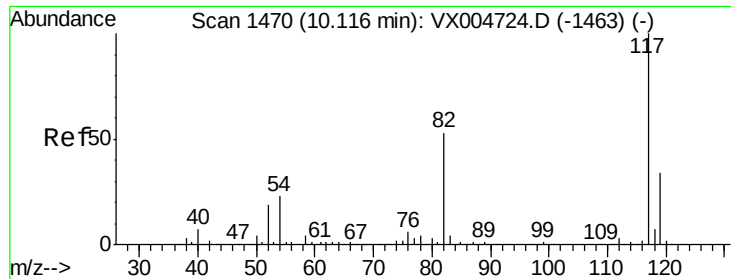


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

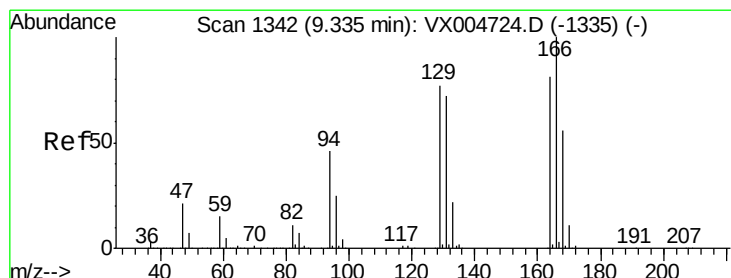
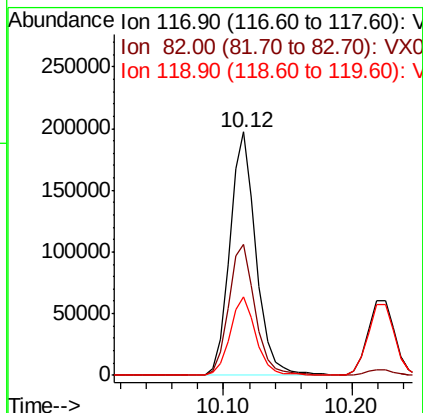
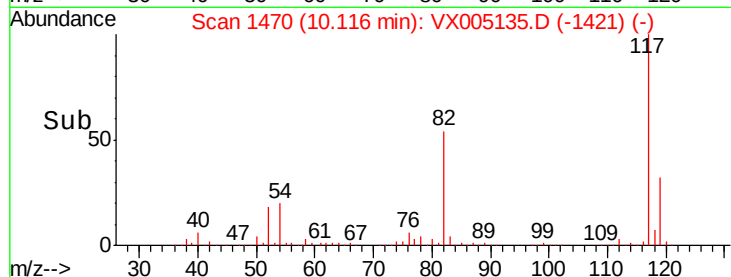
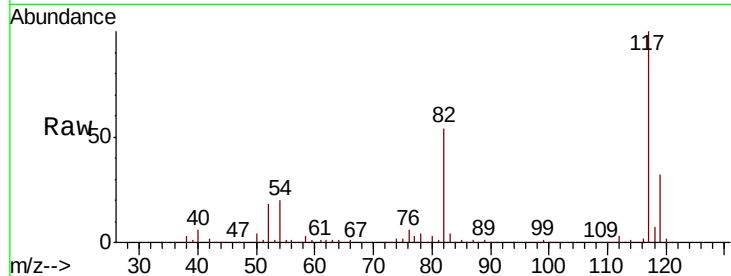




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

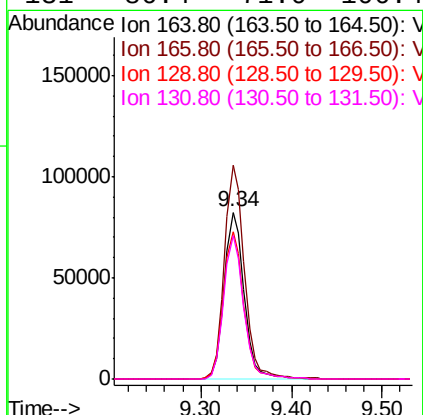
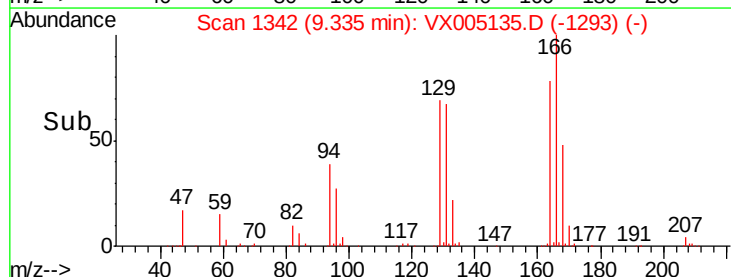
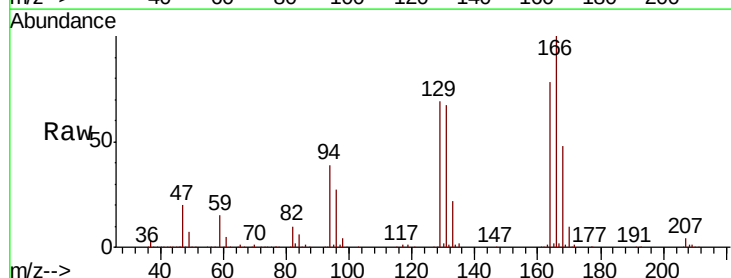
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

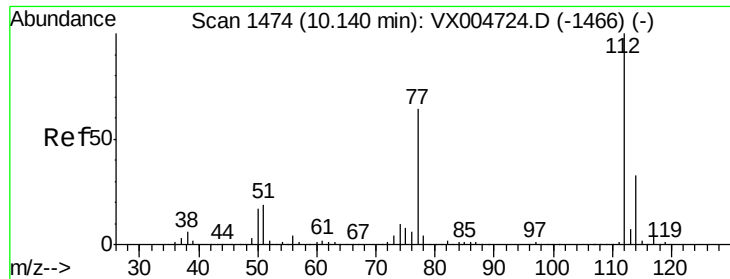
Tot Ion:117 Resp: 279214
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 46.199 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion:164 Resp: 126959
Ion Ratio Lower Upper
164 100
166 128.4 98.4 147.6
129 88.7 76.1 114.1
131 86.4 71.0 106.4

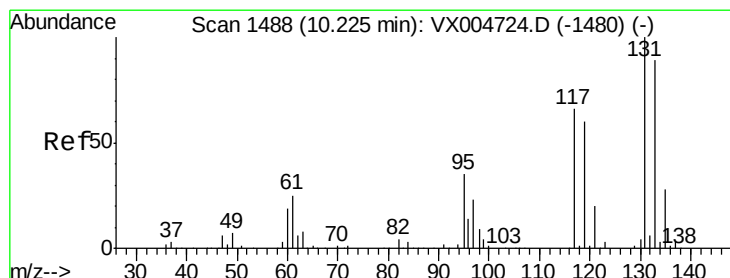
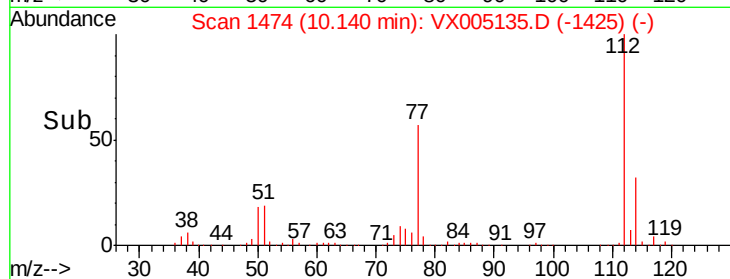
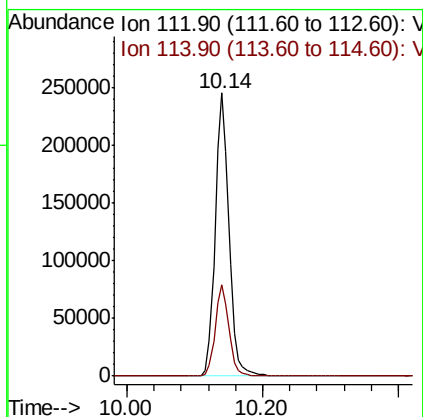
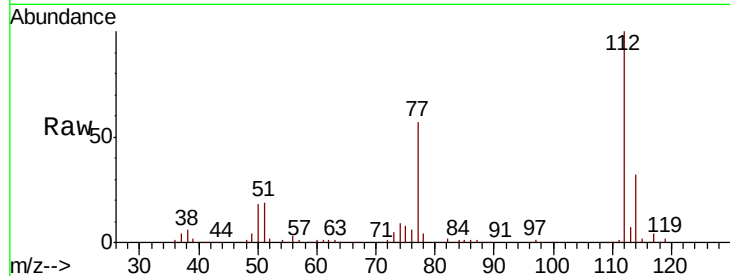




#65
Chlorobenzene
Concen: 48.312 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

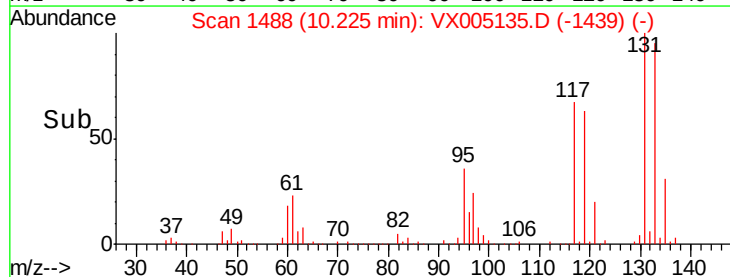
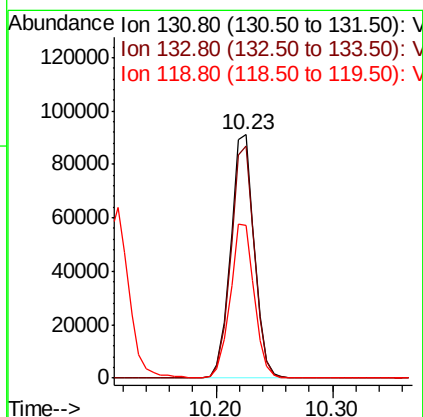
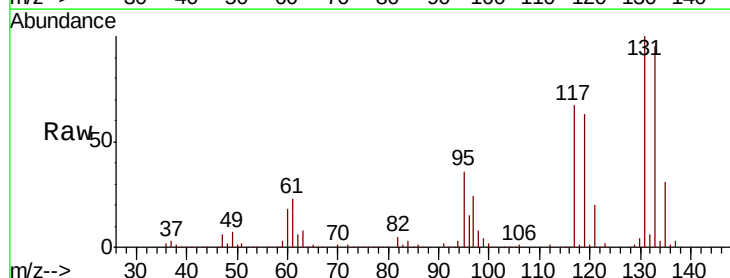
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

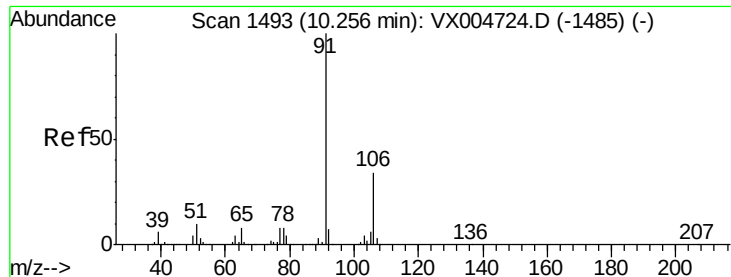
Tot Ion:112 Resp: 345906
Ion Ratio Lower Upper
112 100
114 32.1 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.989 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion:131 Resp: 128345
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 64.0 32.3 96.8

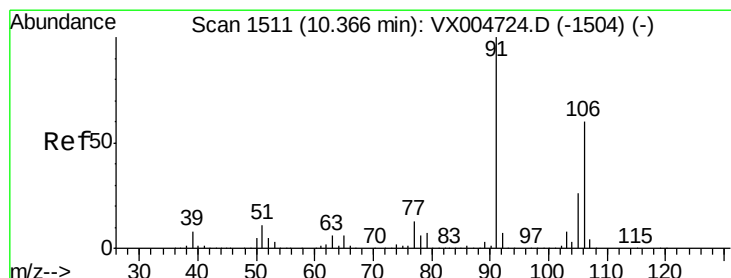
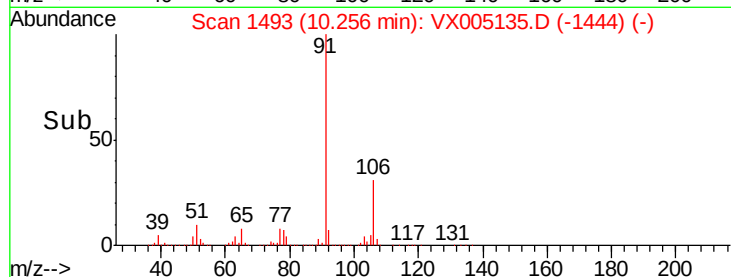
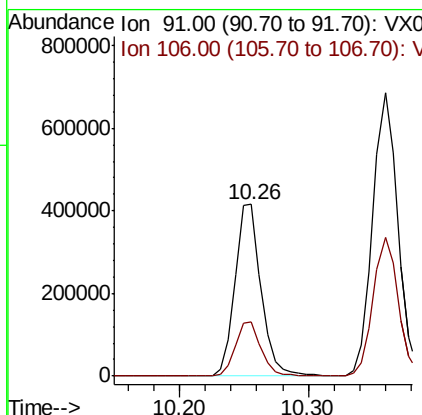
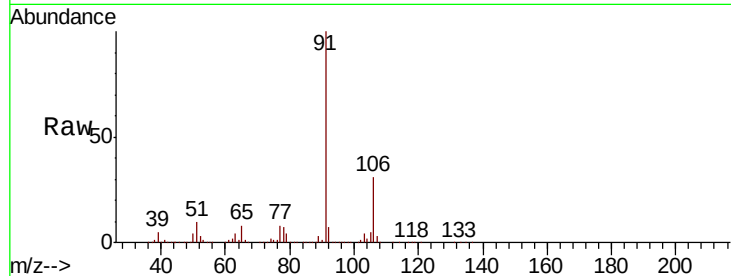




#67
Ethyl Benzene
Concen: 51.701 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

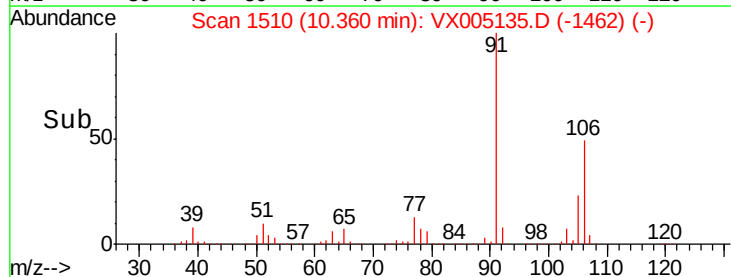
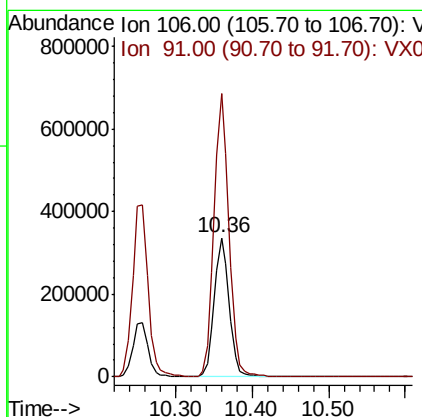
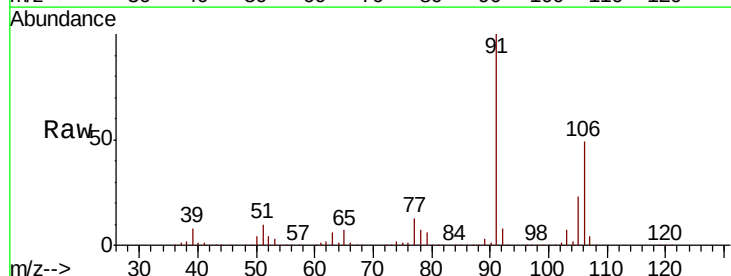
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

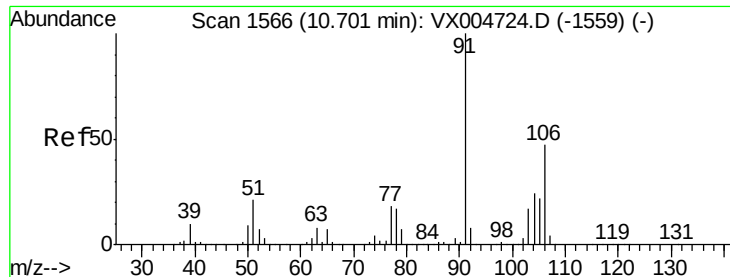
Tot Ion: 91 Resp: 587687
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 102.970 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 106 Resp: 457390
Ion Ratio Lower Upper
106 100
91 203.5 157.5 236.3

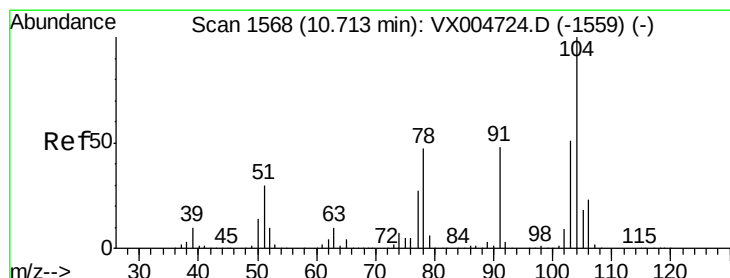
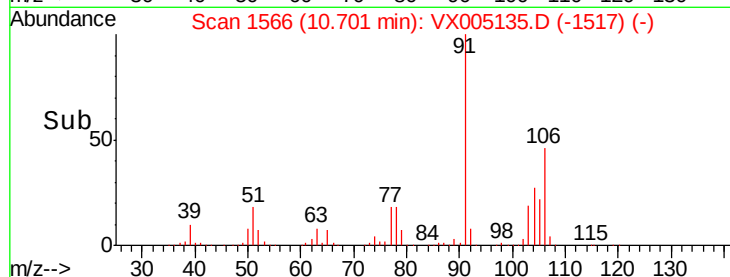
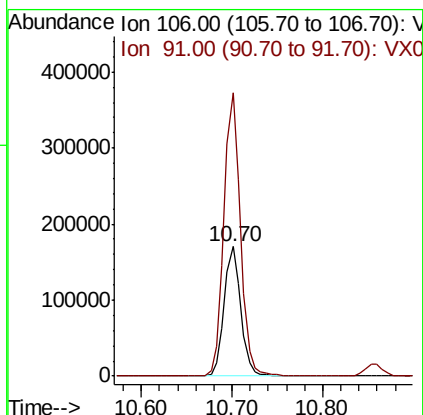
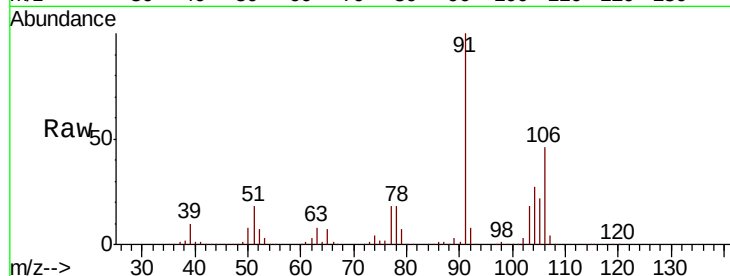




#69
o-Xylene
Concen: 53.566 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

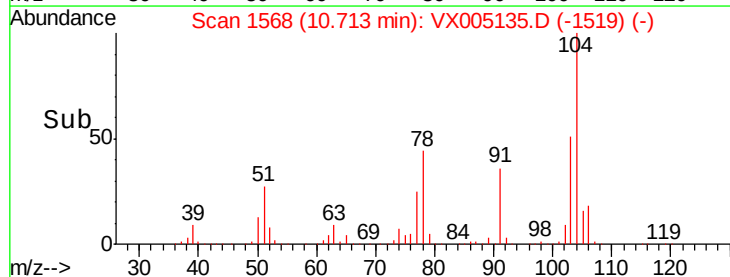
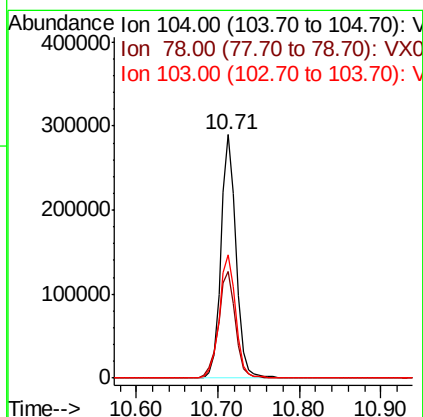
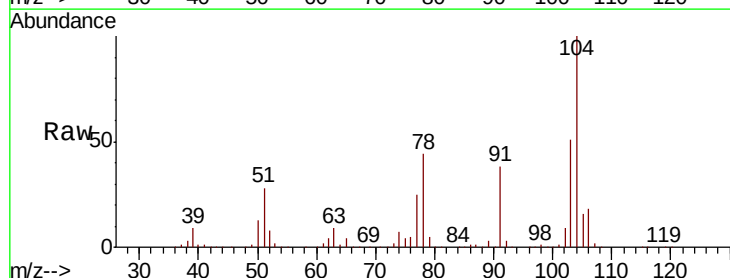
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

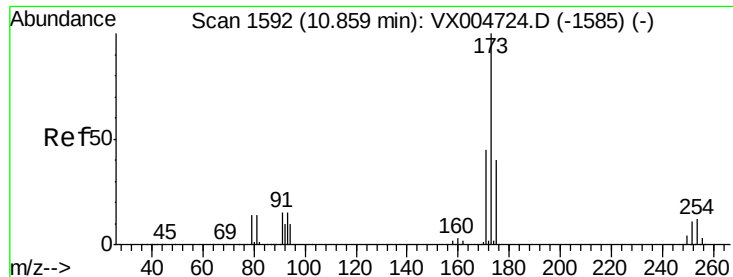
Tot Ion:106 Resp: 218543
Ion Ratio Lower Upper
106 100
91 217.4 108.3 324.8



#70
Styrene
Concen: 49.155 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion:104 Resp: 374801
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.8 44.3 66.5





#71

Bromoform

Concen: 51.971 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

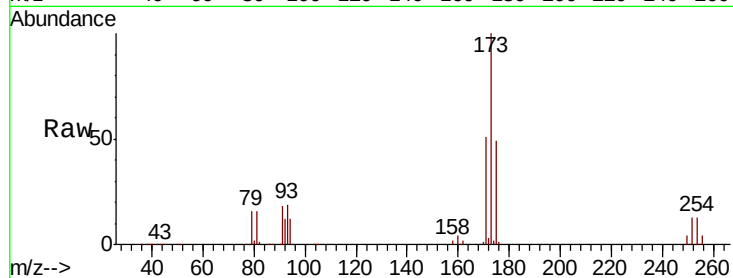
Tot Ion:173 Resp: 111994

Ion Ratio Lower Upper

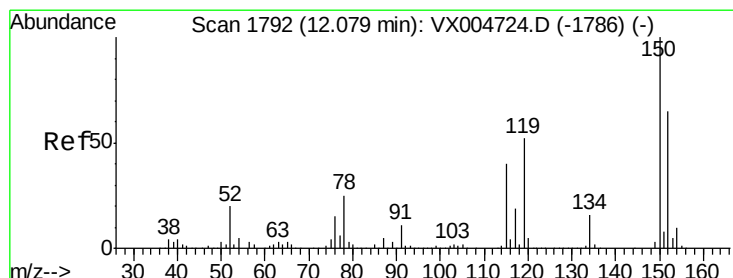
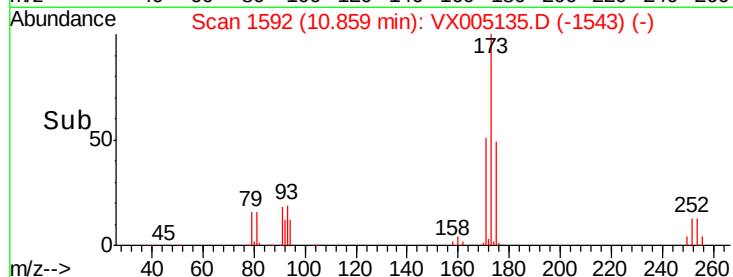
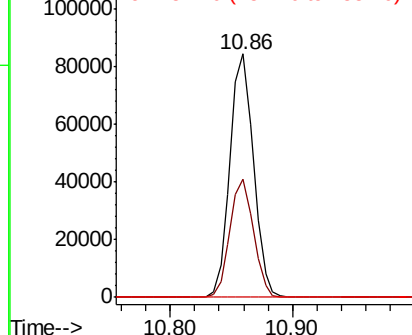
173 100

175 48.9 23.3 69.8

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

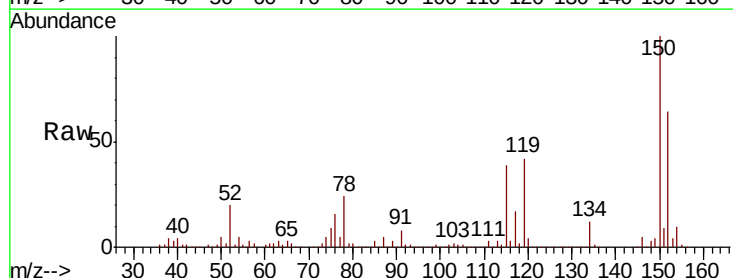
Tgt Ion:152 Resp: 175631

Ion Ratio Lower Upper

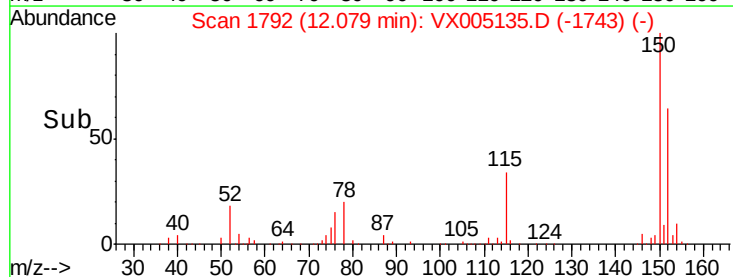
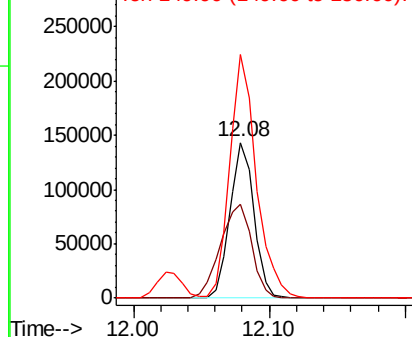
152 100

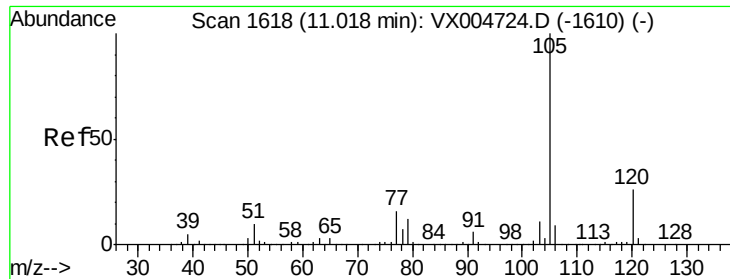
115 78.2 40.2 120.6

150 173.2 0.0 351.0



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: 54.433 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

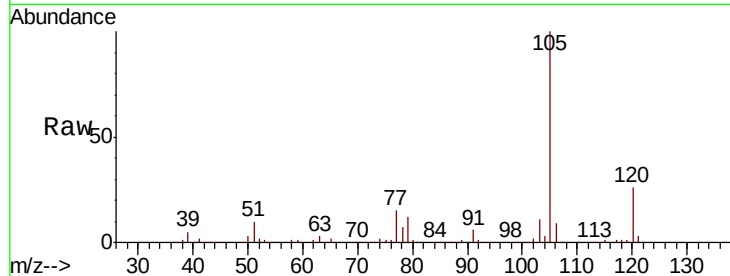
RE-125D2-2018001MS

Tot Ion: 105 Resp: 602593

Ion Ratio Lower Upper

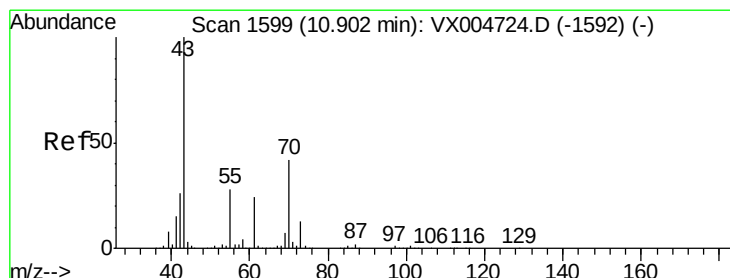
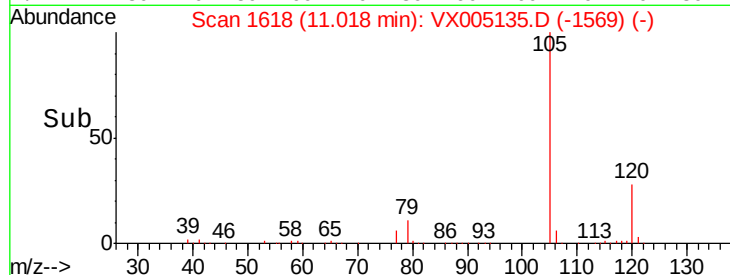
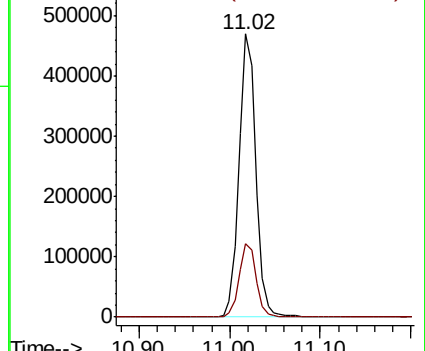
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.612 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Tgt Ion: 43 Resp: 270265

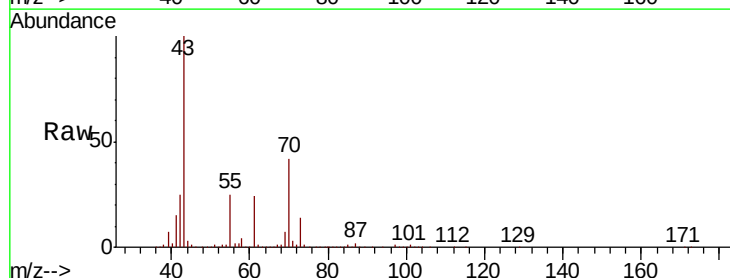
Ion Ratio Lower Upper

43 100

70 40.6 32.6 48.8

55 25.4 21.6 32.4

61 23.6 19.1 28.7

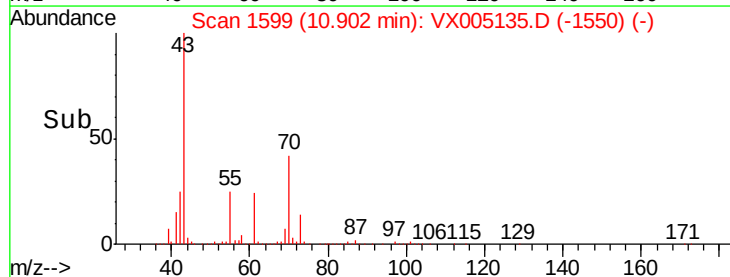
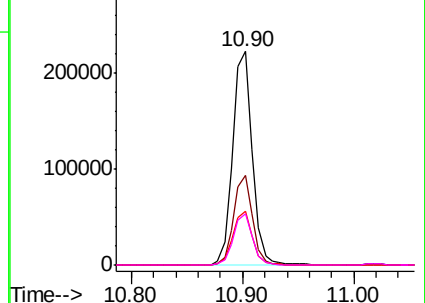


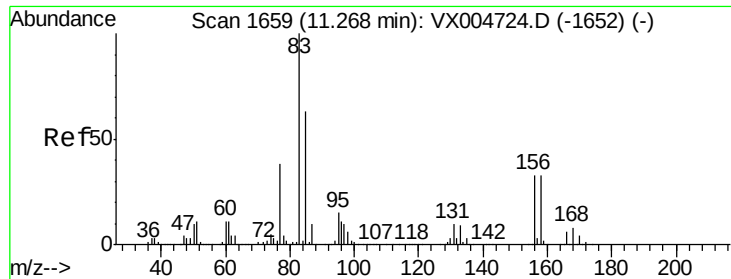
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

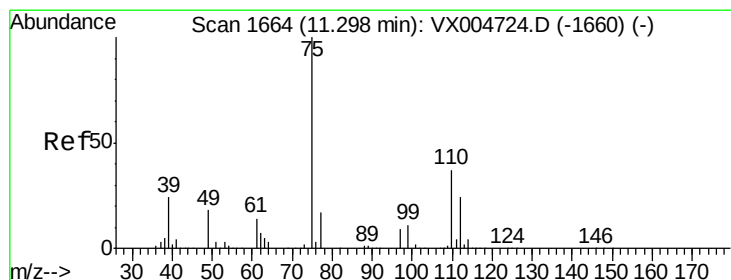
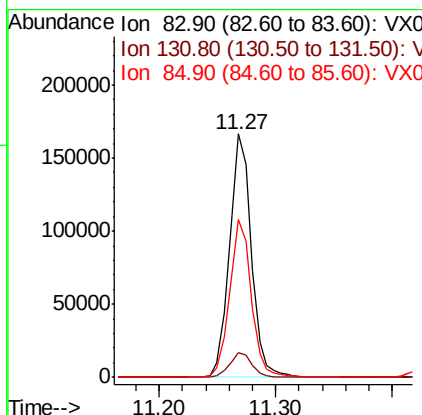
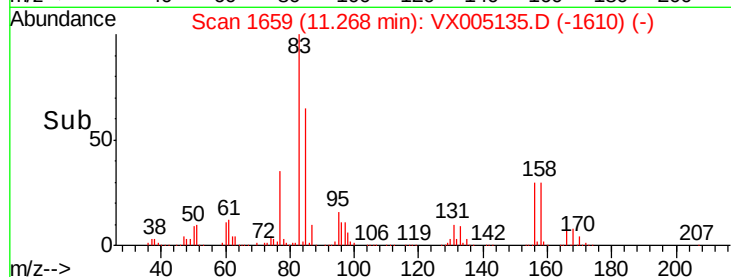
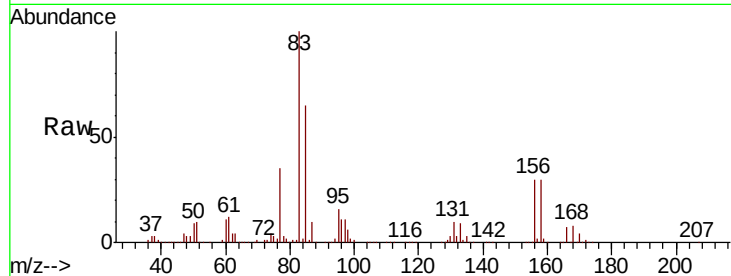




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.261 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

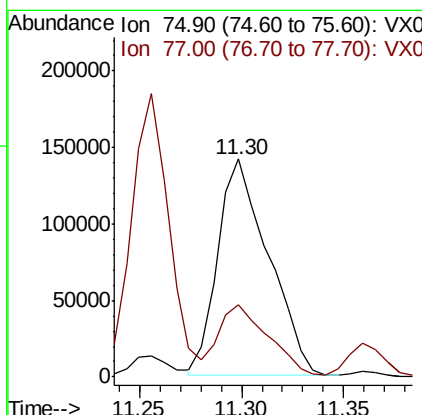
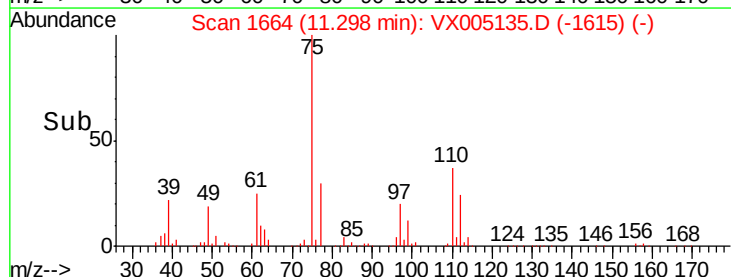
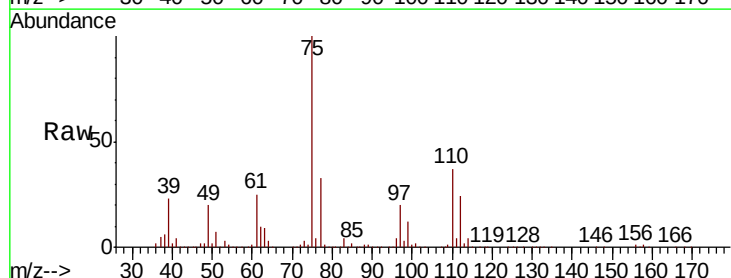
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

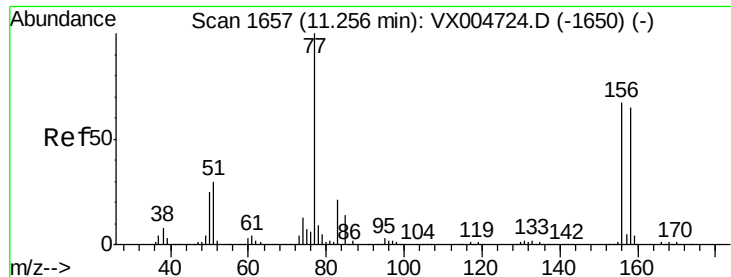
Tot Ion: 83 Resp: 217482
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 62.096 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion: 75 Resp: 244441
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.4 64.3





#77

Bromobenzene

Concen: 50.095 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

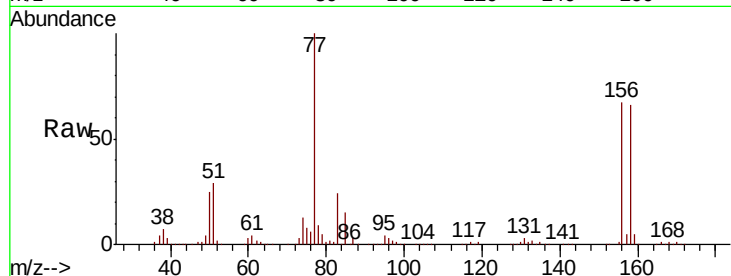
Tot Ion:156 Resp: 161076

Ion Ratio Lower Upper

156 100

77 147.7 73.4 220.2

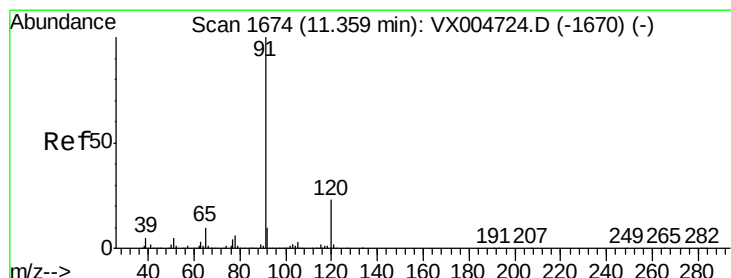
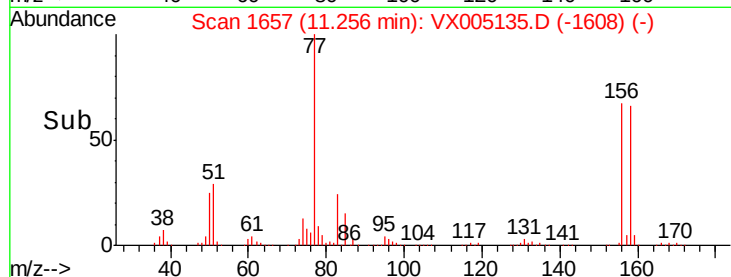
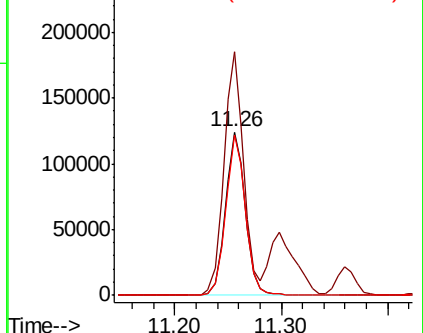
158 97.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.194 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005135.D

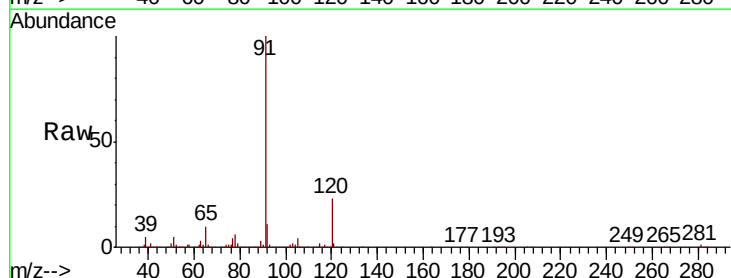
Acq: 08 Oct 2018 18:43

Tgt Ion: 91 Resp: 688360

Ion Ratio Lower Upper

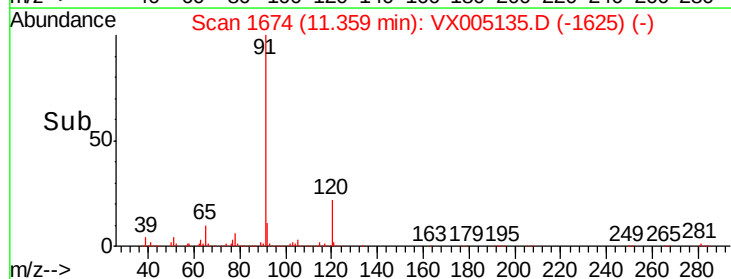
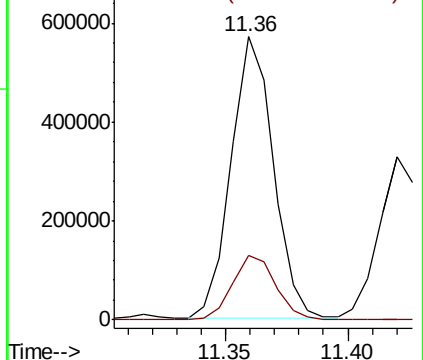
91 100

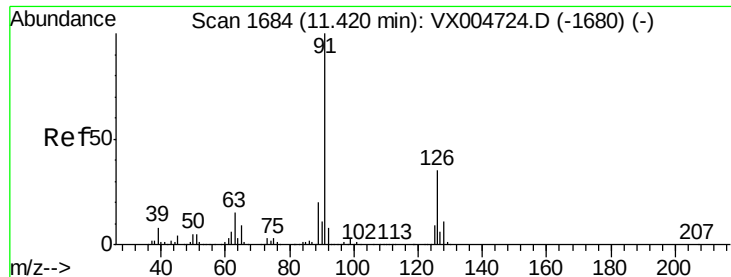
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.818 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

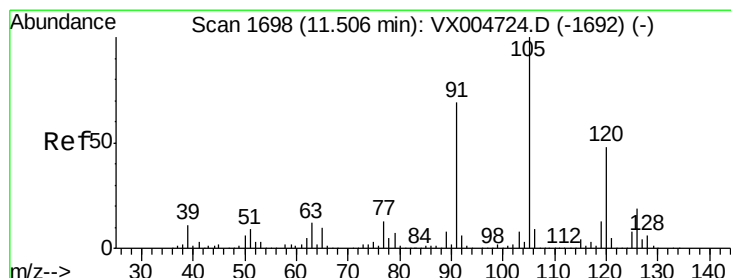
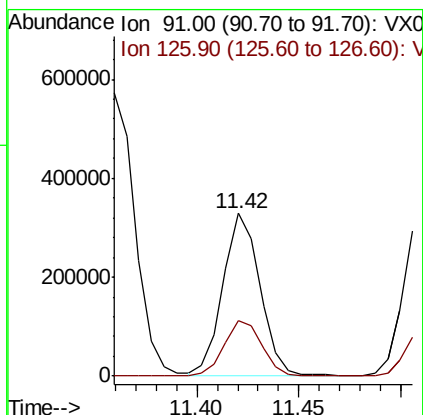
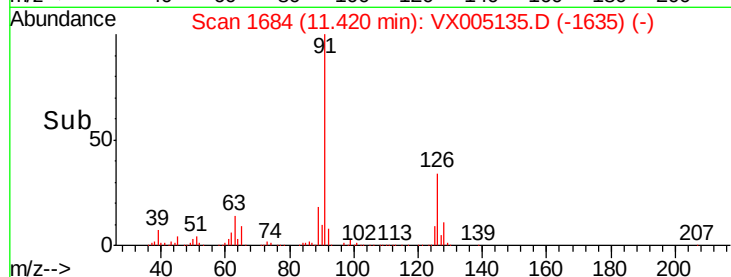
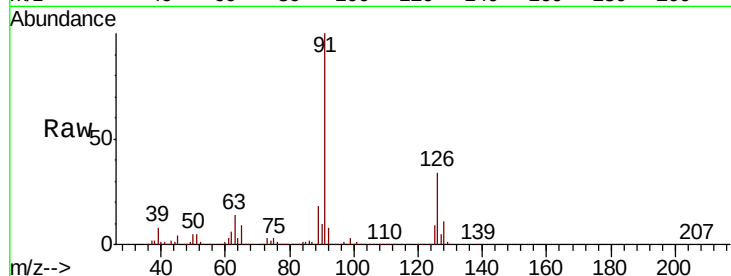
RE-125D2-2018001MS

Tot Ion: 91 Resp: 410256

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 50.527 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005135.D

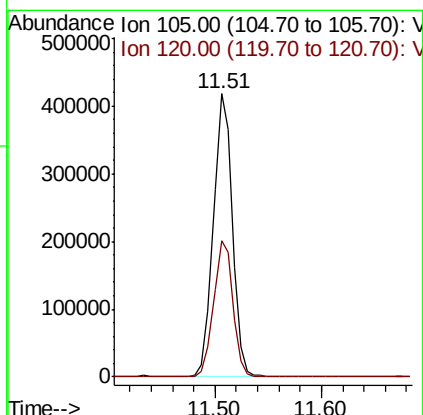
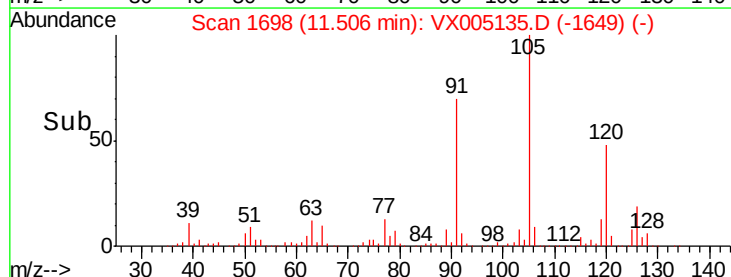
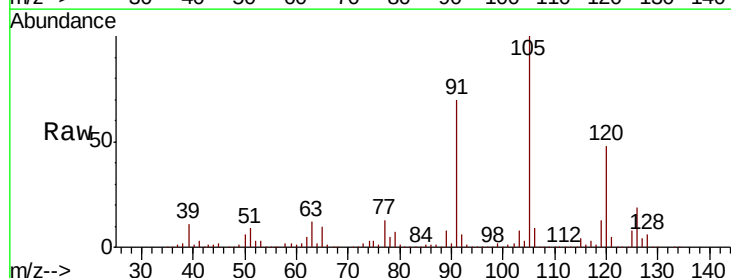
Acq: 08 Oct 2018 18:43

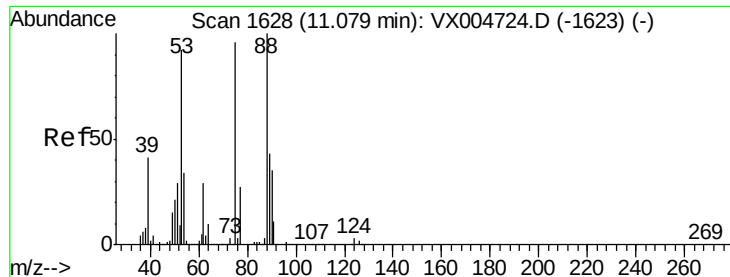
Tgt Ion: 105 Resp: 512638

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.269 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

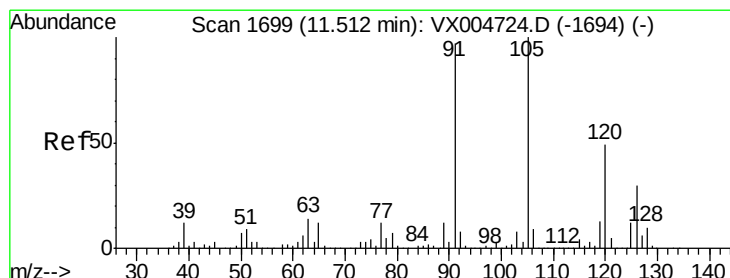
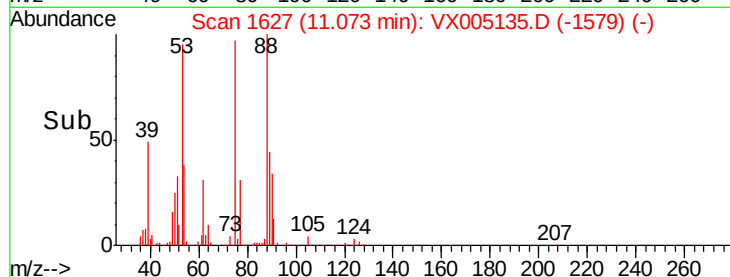
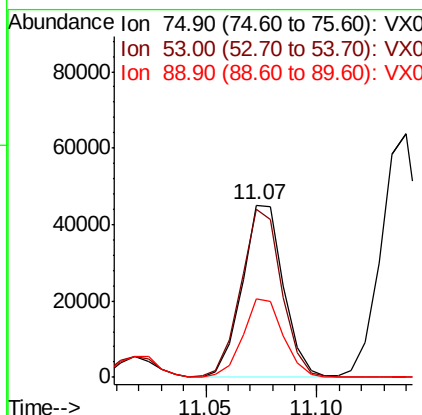
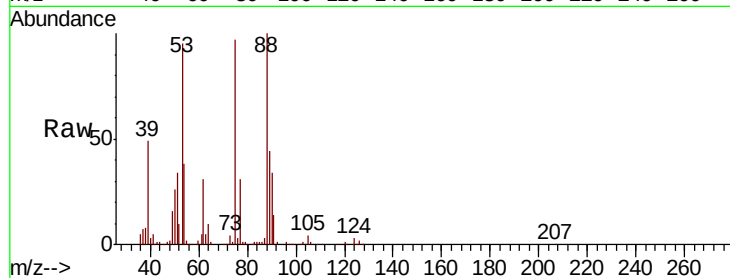
Tot Ion: 75 Resp: 57540

Ion Ratio Lower Upper

75 100

53 98.5 80.2 120.4

89 45.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 52.291 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005135.D

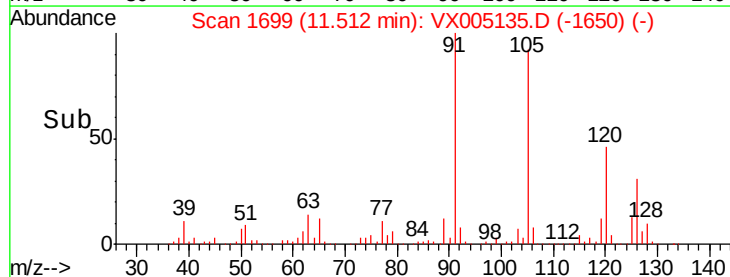
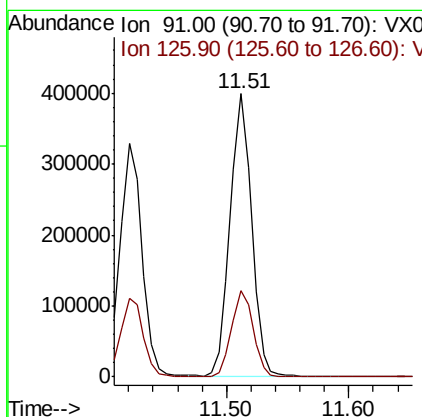
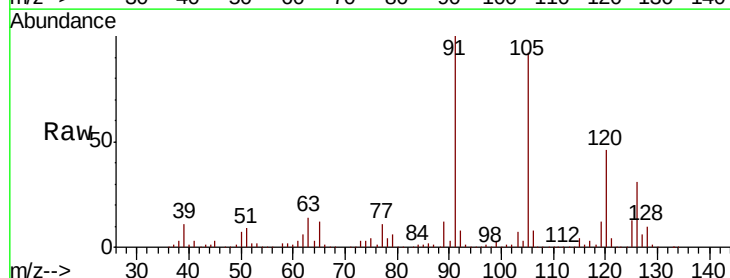
Acq: 08 Oct 2018 18:43

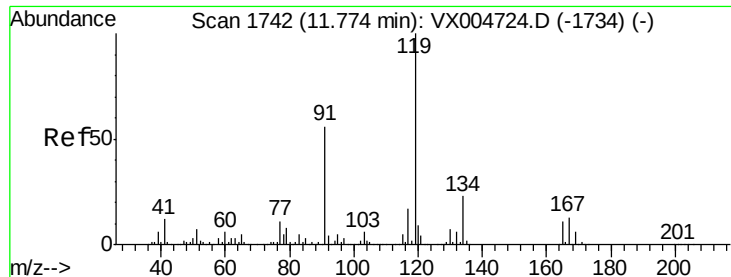
Tgt Ion: 91 Resp: 487303

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

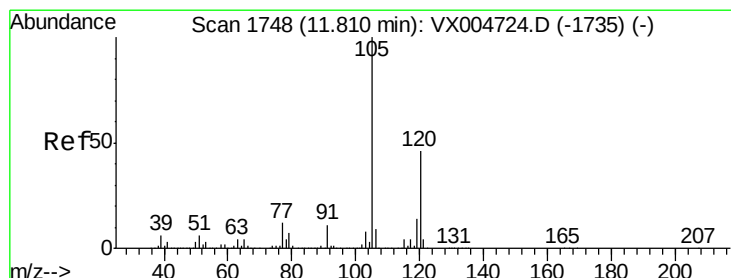
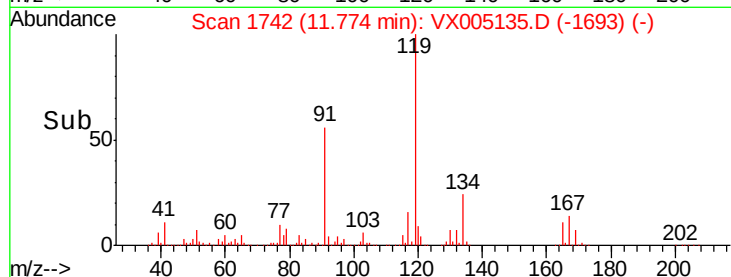
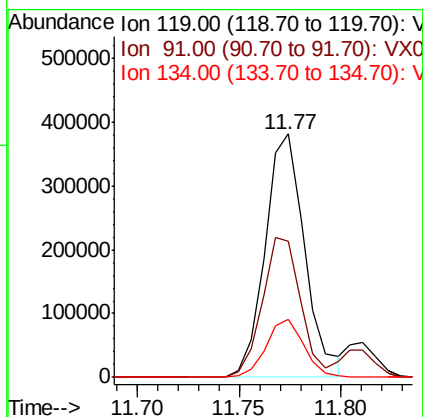
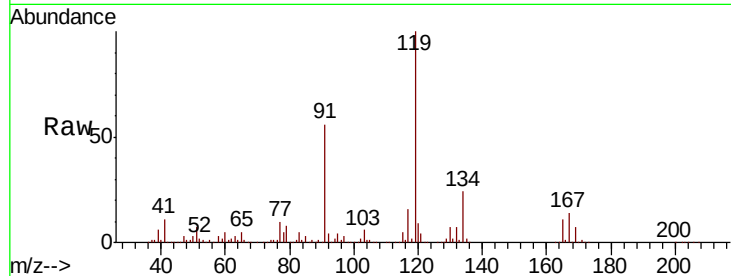




#83
 tert-Butylbenzene
 Concen: 56.744 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

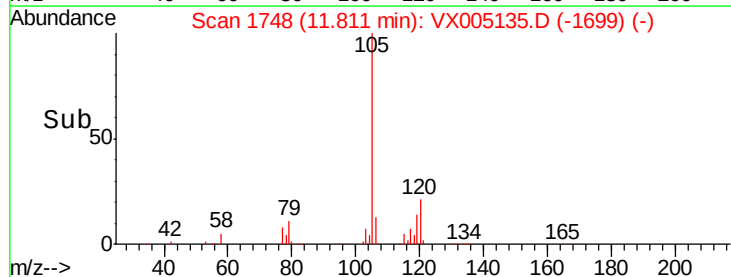
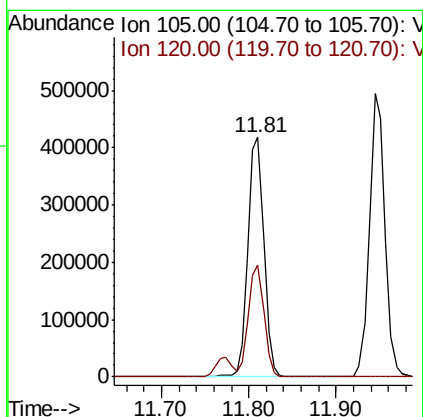
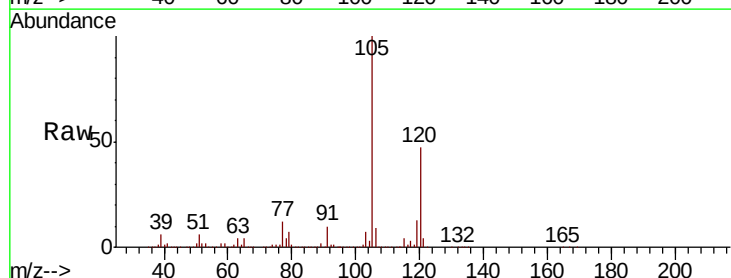
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

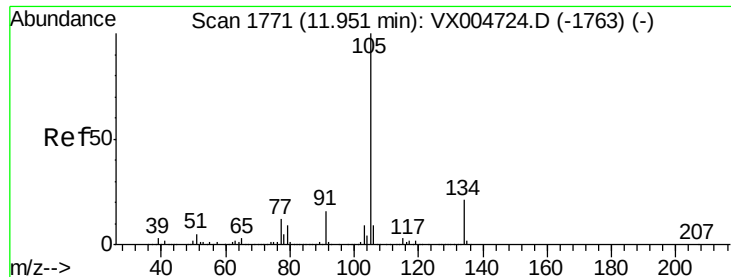
Tot Ion:119 Resp: 517194
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.5 82.5
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.276 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion:105 Resp: 526053
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

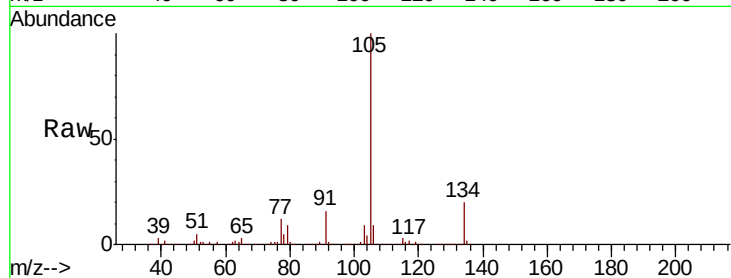
RE-125D2-2018001MS

Tot Ion:105 Resp: 614643

Ion Ratio Lower Upper

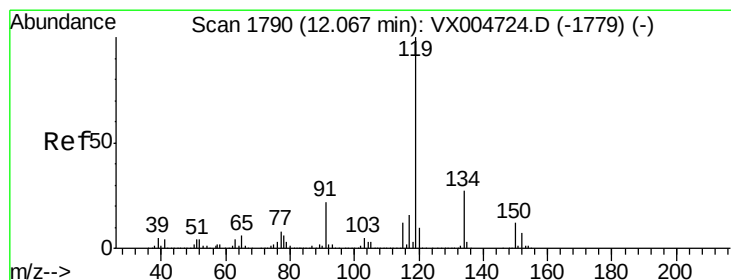
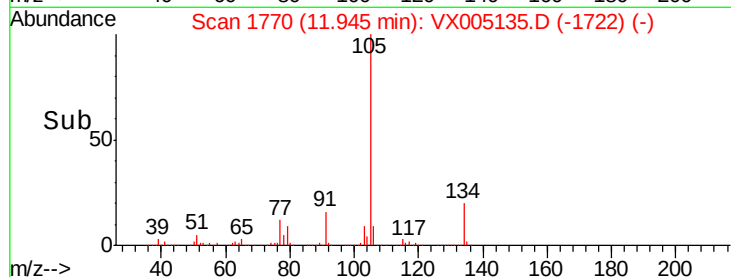
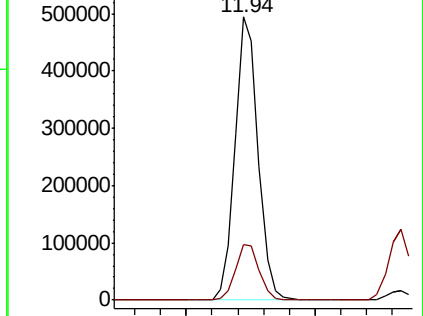
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.529 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

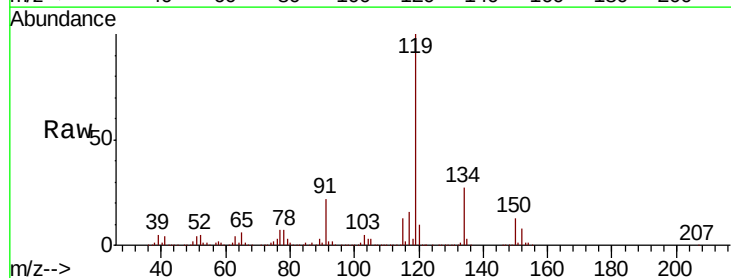
Tgt Ion:119 Resp: 548470

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

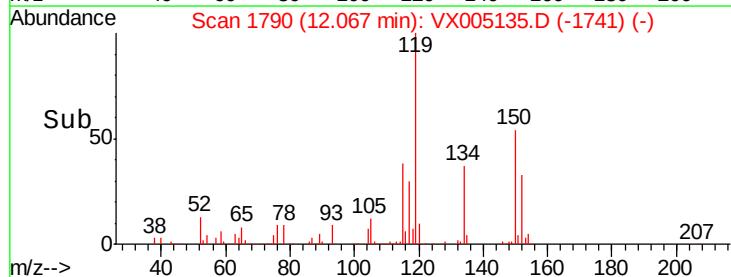
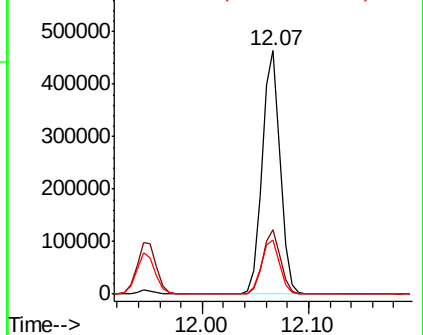
91 22.7 11.5 34.4

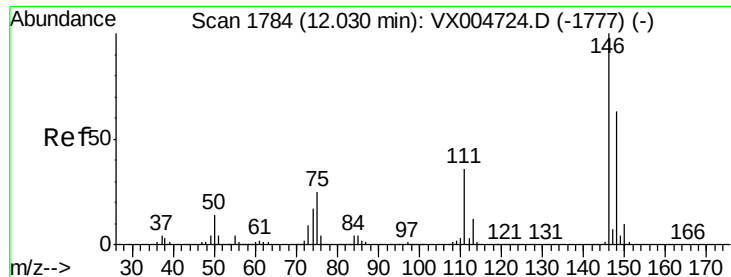


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.645 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

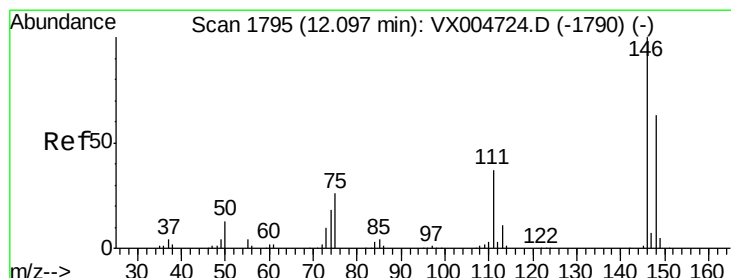
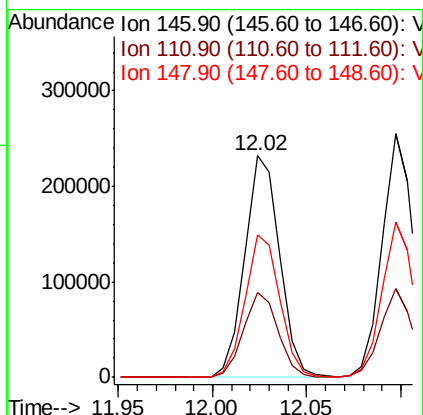
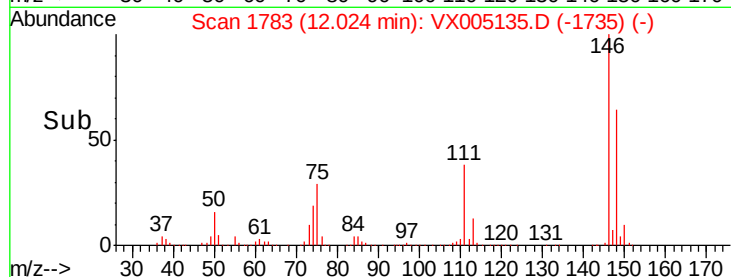
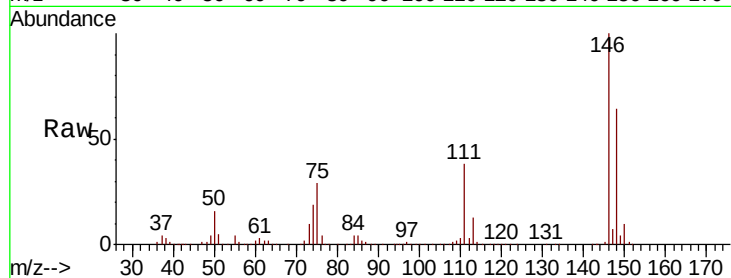
Tot Ion:146 Resp: 298076

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.685 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

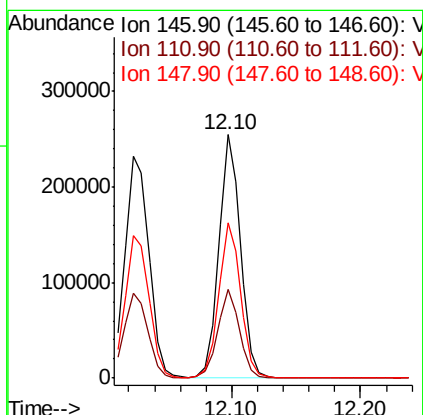
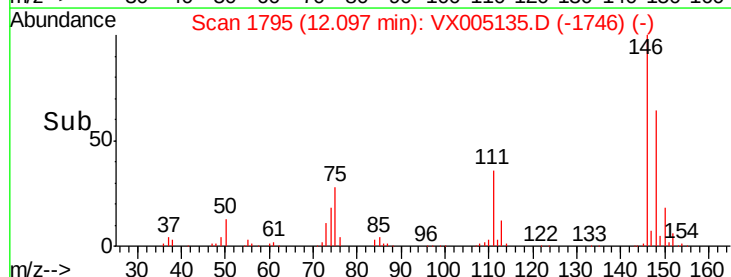
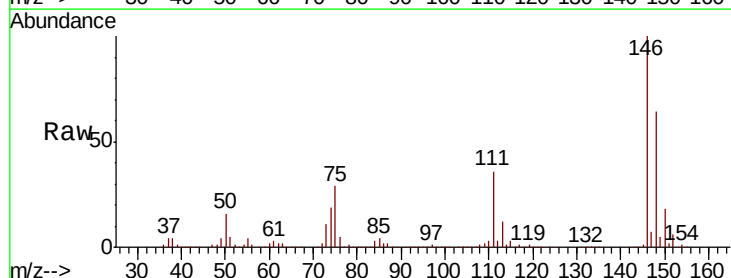
Tgt Ion:146 Resp: 301753

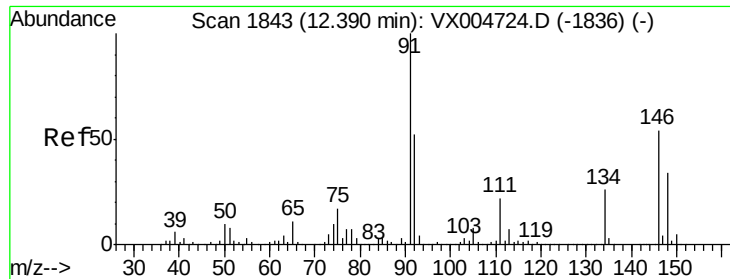
Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.2

148 64.5 32.0 96.0

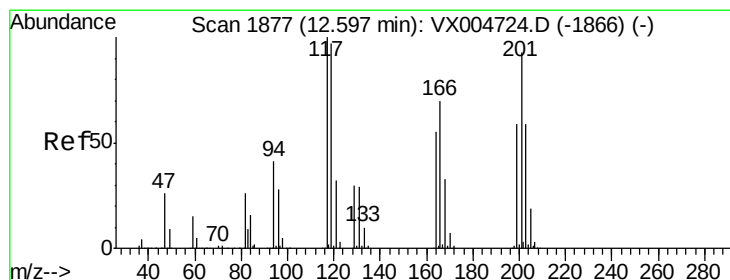
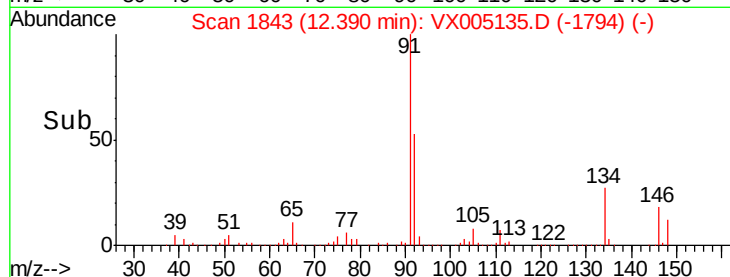
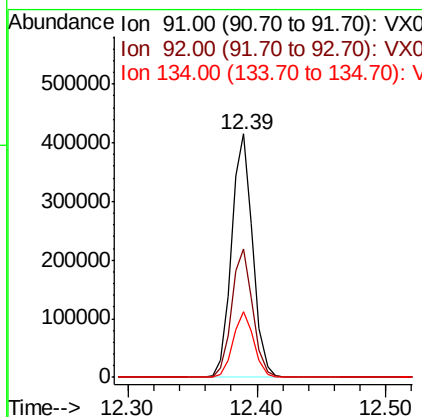
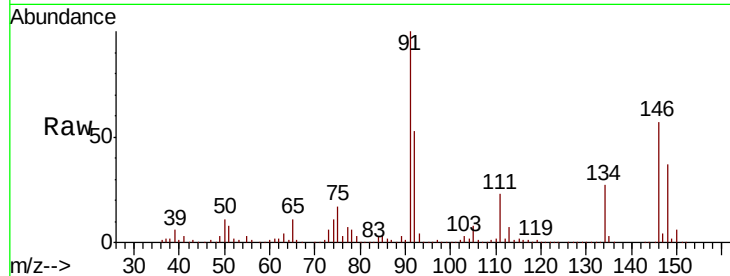




#89
n-Butylbenzene
Concen: 51.910 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

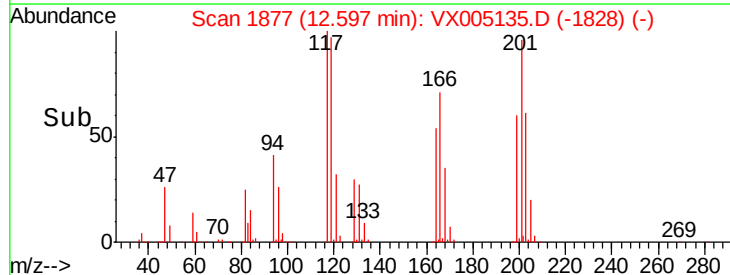
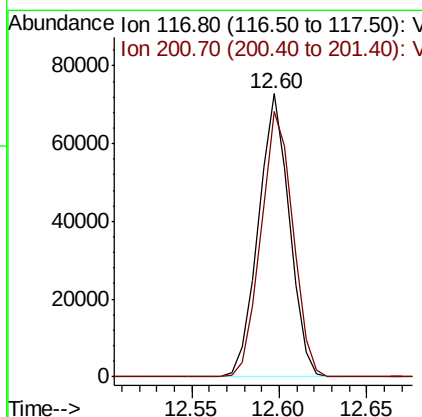
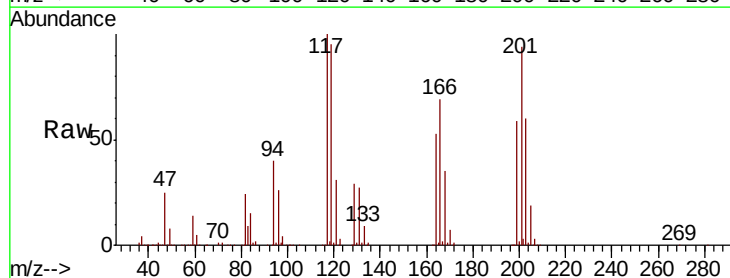
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

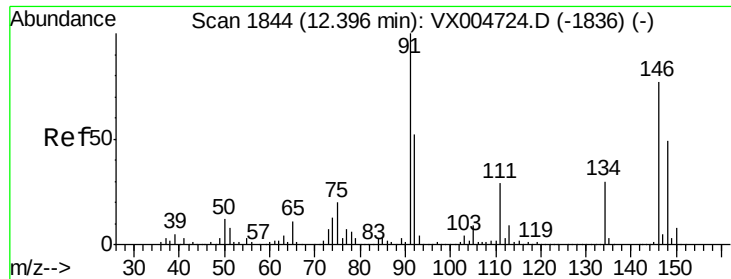
Tot Ion: 91 Resp: 474184
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 53.677 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion: 117 Resp: 89892
Ion Ratio Lower Upper
117 100
201 96.6 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 48.502 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MS

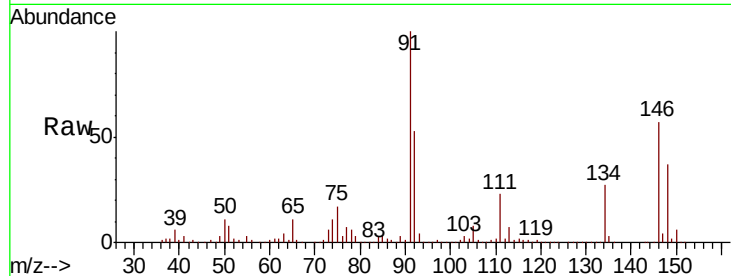
Tot Ion:146 Resp: 304333

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

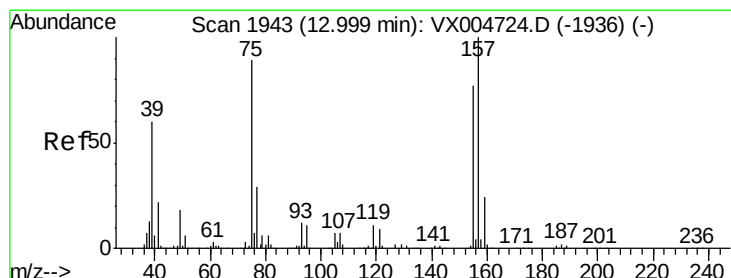
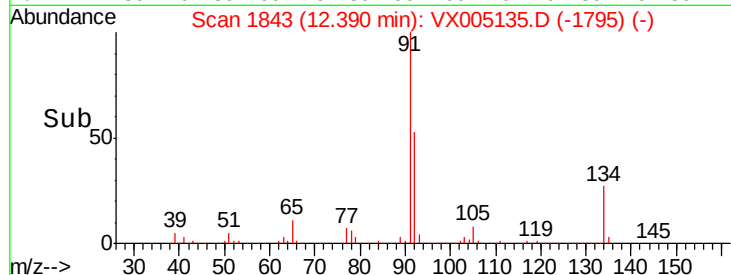
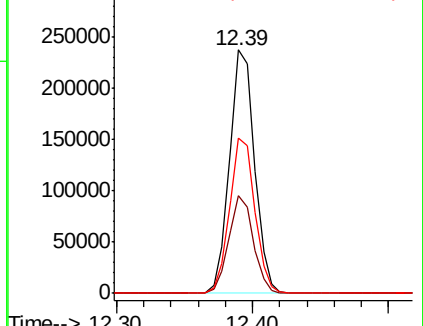
148 64.3 31.8 95.4



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: 53.227 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005135.D

Acq: 08 Oct 2018 18:43

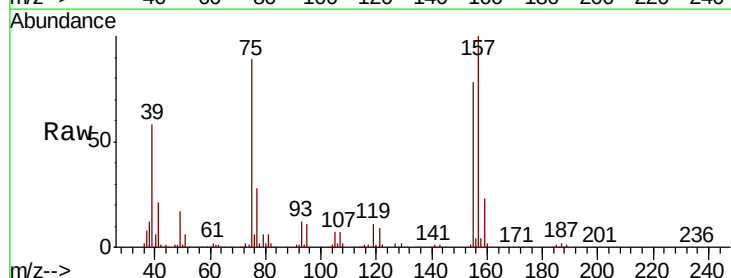
Tgt Ion: 75 Resp: 52665

Ion Ratio Lower Upper

75 100

155 94.1 46.1 138.3

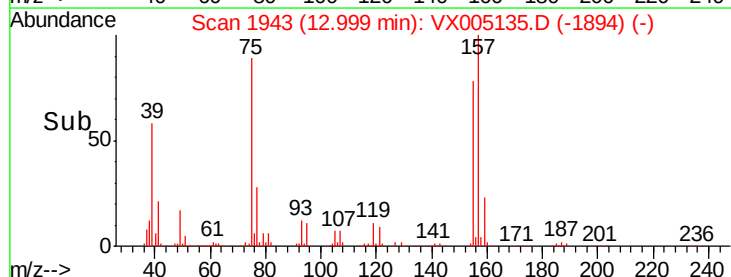
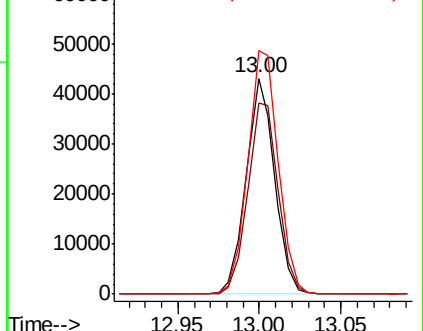
157 120.5 60.2 180.6

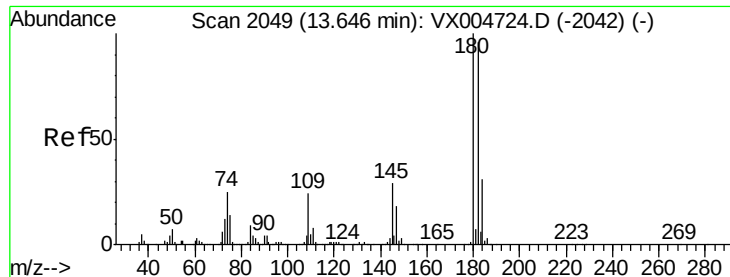


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

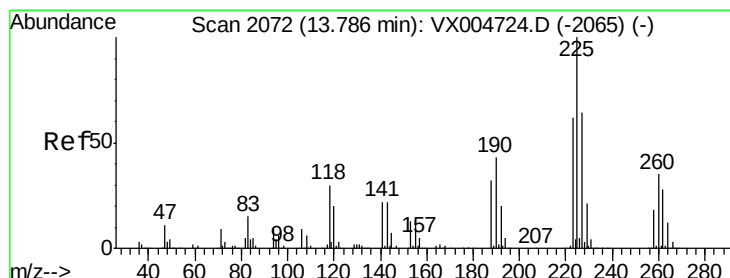
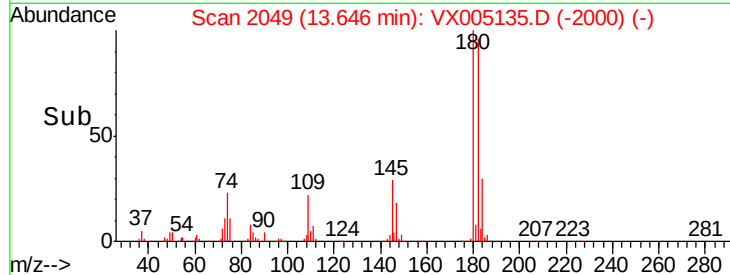
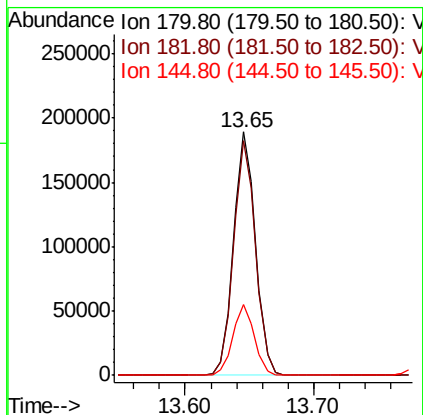
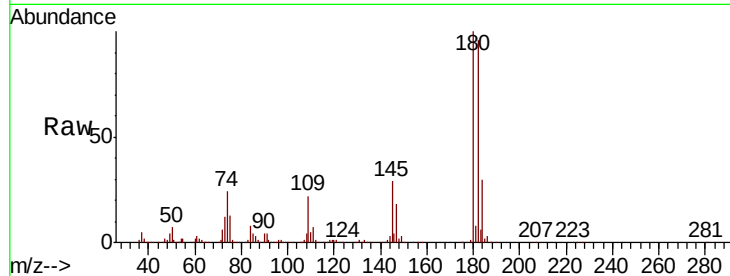




#93
 1,2,4-Trichlorobenzene
 Concen: 51.177 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

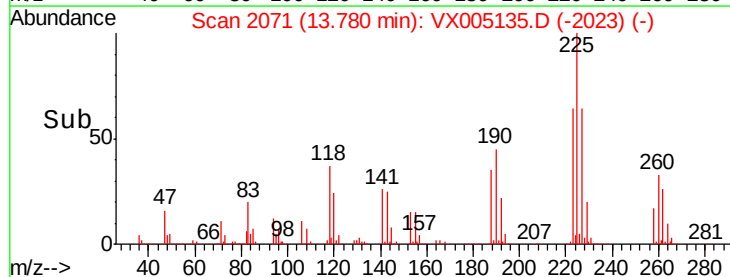
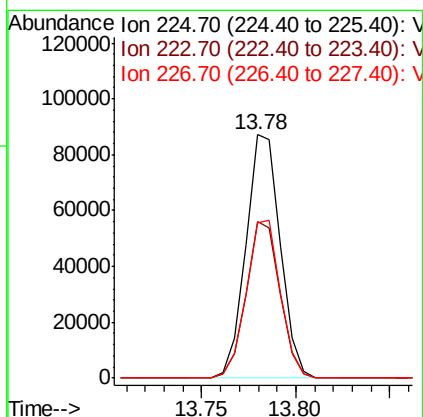
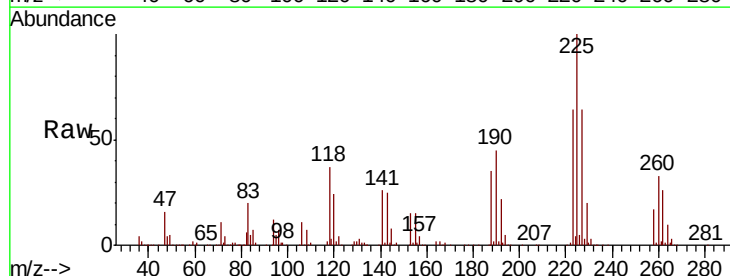
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

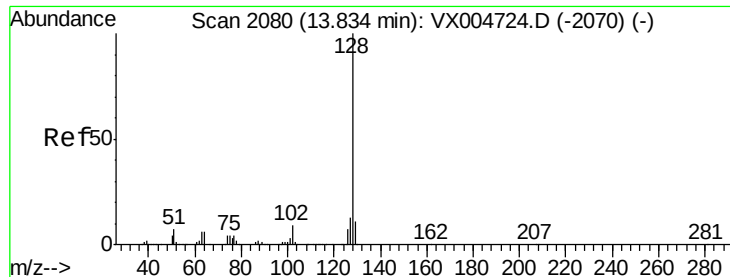
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	28.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 48.263 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005135.D
 Acq: 08 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	64.4	31.9	95.5

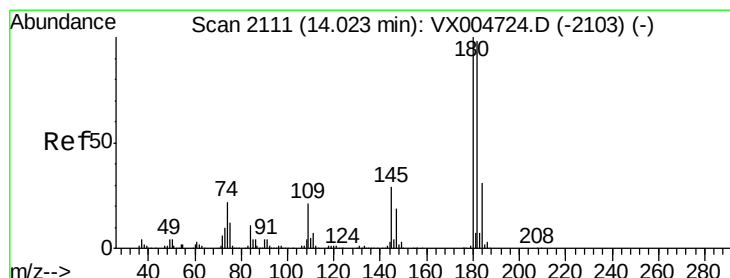
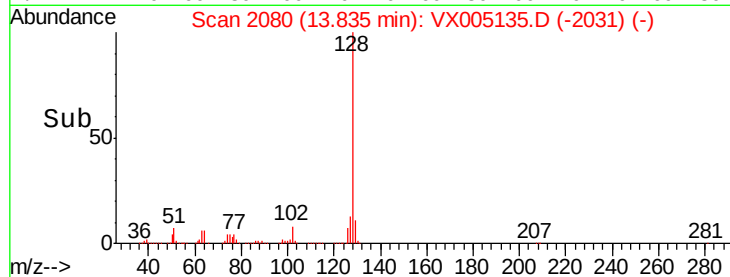
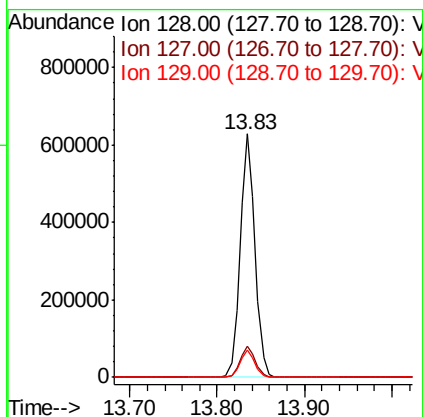
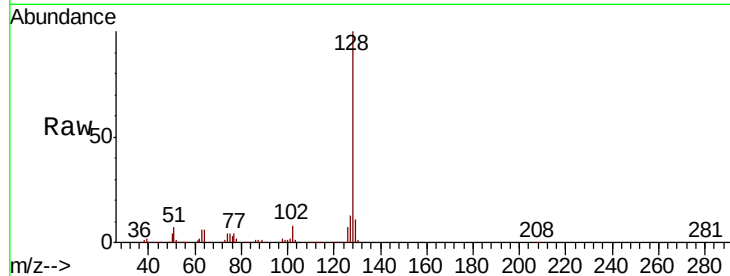




#95
Naphthalene
Concen: 50.712 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MS

Tot Ion:128 Resp: 741001
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.556 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005135.D
Acq: 08 Oct 2018 18:43

Tgt Ion:180 Resp: 238965
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 30.3 15.0 45.0

