

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\NOT REVIEWED DATA\
 Data File : VX008006.D
 Acq On : 12 Mar 2019 10:14
 Operator : JC/SP
 Sample : K1793-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

Quant Time: Mar 16 05:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123089	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.50	113	110442	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	416785	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.13	95	147106	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88400	45.444	ug/l	99
3) Chloromethane	1.33	50	121403	48.429	ug/l	98
4) Vinyl Chloride	1.41	62	122933	49.354	ug/l	100
5) Bromomethane	1.64	94	60245	51.576	ug/l	100
6) Chloroethane	1.72	64	76663	46.330	ug/l	98
7) Trichlorofluoromethane	1.93	101	159873	49.298	ug/l	98
8) Diethyl Ether	2.19	74	70771	50.396	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93008	46.281	ug/l	99
10) Methyl Iodide	2.51	142	154946	54.348	ug/l	99
11) Tert butyl alcohol	3.08	59	151807	282.623	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96295	49.709	ug/l	97
13) Acrolein	2.30	56	76184	250.626	ug/l	98
14) Allyl chloride	2.73	41	185368	45.538	ug/l	99
15) Acrylonitrile	3.15	53	345879	255.113	ug/l	100
16) Acetone	2.45	43	297633	214.092	ug/l	99
17) Carbon Disulfide	2.57	76	284351	48.322	ug/l	99
18) Methyl Acetate	2.78	43	119364	40.415	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	343212	51.500	ug/l	100
20) Methylene Chloride	2.86	84	109603	49.537	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102901	48.276	ug/l	98
22) Diisopropyl ether	3.87	45	359408	48.166	ug/l	97
23) Vinyl Acetate	3.82	43	1127108	172.249	ug/l	99
24) 1,1-Dichloroethane	3.70	63	197190	49.106	ug/l	99
25) 2-Butanone	4.70	43	476754	242.231	ug/l	98
26) 2,2-Dichloropropane	4.58	77	80723	30.343	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	119045	48.807	ug/l	95
28) Bromochloromethane	5.02	49	89829	47.983	ug/l	96
29) Tetrahydrofuran	5.15	42	315780	257.216	ug/l	98
30) Chloroform	5.21	83	190397	50.124	ug/l	99
31) Cyclohexane	5.57	56	174972	47.410	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	160082	50.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142147	46.646	ug/l	99
37) Ethyl Acetate	4.85	43	132061	36.518	ug/l	99
38) Carbon Tetrachloride	5.78	117	140943	48.717	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166145	44.994	ug/l	97
40) Benzene	6.14	78	448599	49.448	ug/l	100
41) Methacrylonitrile	5.06	41	98999	50.212	ug/l	99
42) 1,2-Dichloroethane	6.20	62	144954	48.857	ug/l	99
43) Isopropyl Acetate	6.46	43	225178	42.074	ug/l	99
44) Trichloroethene	7.21	130	149644	59.855	ug/l	99
45) 1,2-Dichloropropane	7.52	63	119043	49.681	ug/l	100
46) Dibromomethane	7.66	93	74470	49.110	ug/l	97
47) Bromodichloromethane	7.90	83	142916	49.710	ug/l	99
48) Methyl methacrylate	7.77	41	140829	50.049	ug/l	99
49) 1,4-Dioxane	7.75	88	63879	1105.120	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	884141	256.878	ug/l	99
52) Toluene	8.78	92	281272	50.782	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	144934	48.299	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	160604	47.395	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	114409	51.026	ug/l	99
56) Ethyl methacrylate	9.18	69	174649	51.879	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192550	51.146	ug/l	100
59) 2-Hexanone	9.49	43	666167	249.295	ug/l	99
60) Dibromochloromethane	9.58	129	121155	51.696	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122725	51.553	ug/l	99
64) Tetrachloroethene	9.34	164	121195	48.958	ug/l	98
65) Chlorobenzene	10.14	112	308088	49.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115260	51.447	ug/l	100
67) Ethyl Benzene	10.25	91	519869	50.523	ug/l	100
68) m/p-Xylenes	10.36	106	398117	100.377	ug/l	99
69) o-Xylene	10.69	106	195407	51.032	ug/l	99
70) Styrene	10.71	104	321029	51.234	ug/l	100
71) Bromoform	10.86	173	96375	50.092	ug/l #	99
73) Isopropylbenzene	11.02	105	513031	50.914	ug/l	100
74) N-amyl acetate	10.90	43	160916	34.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	170768	49.131	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	190360	60.887	ug/l	91
77) Bromobenzene	11.26	156	138537	50.147	ug/l	98
78) n-propylbenzene	11.36	91	564487	50.497	ug/l	100
79) 2-Chlorotoluene	11.42	91	338450	49.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	426673	51.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43134	44.101	ug/l	99
82) 4-Chlorotoluene	11.51	91	389392	49.713	ug/l	100
83) tert-Butylbenzene	11.77	119	421727	50.482	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	434854	51.148	ug/l	99
85) sec-Butylbenzene	11.94	105	499101	50.727	ug/l	99
86) p-Isopropyltoluene	12.06	119	448928	50.948	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	240342	49.176	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240505	48.051	ug/l	100
89) n-Butylbenzene	12.38	91	364074	48.770	ug/l	99
90) Hexachloroethane	12.60	117	73977	50.214	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240517	49.537	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36384	50.088	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	165447	48.506	ug/l	100

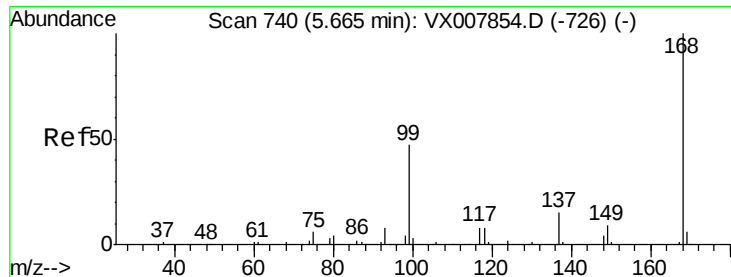
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	84637	47.462	ug/l	100
95) Naphthalene	13.83	128	510437	51.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168159	49.491	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

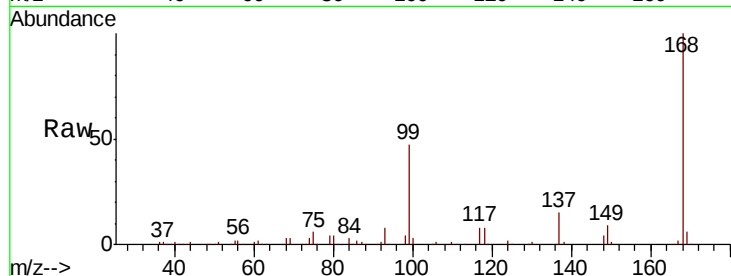
RE123D1-20190306MS

Tgt Ion:168 Resp: 227685

Ion Ratio Lower Upper

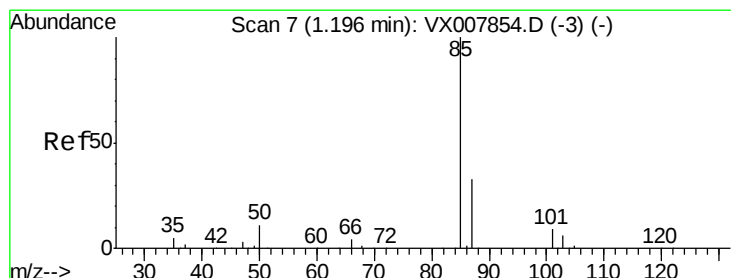
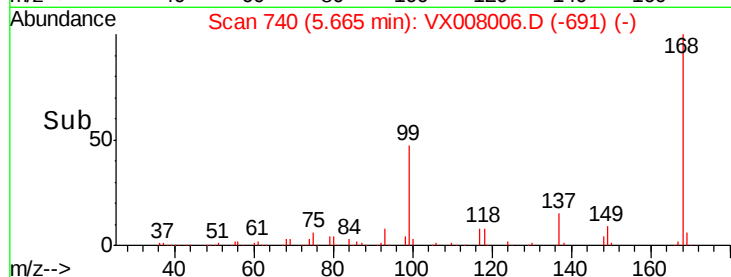
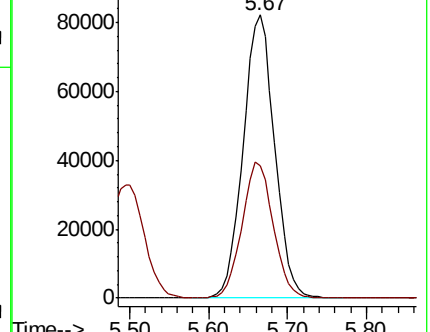
168 100

99 46.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX007854.D (-726) (-)



#2

Dichlorodifluoromethane

Concen: 45.444 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008006.D

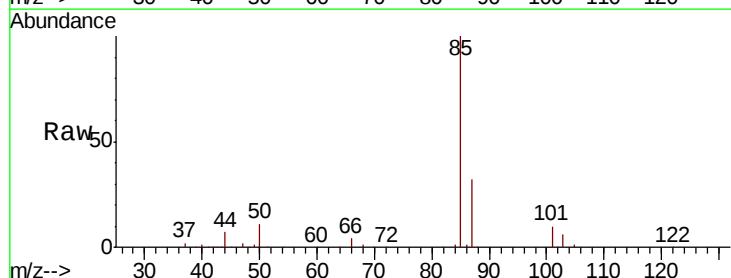
Acq: 12 Mar 2019 10:14

Tgt Ion: 85 Resp: 88400

Ion Ratio Lower Upper

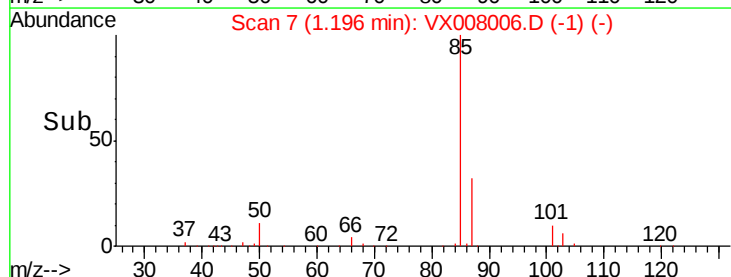
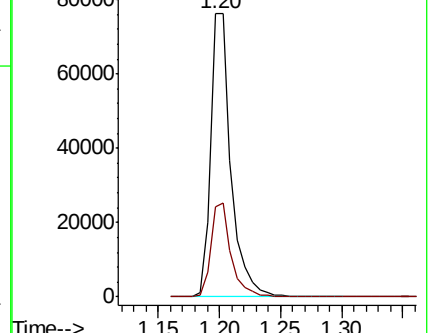
85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX007854.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX007854.D (-3) (-)





#3

Chloromethane

Concen: 48.429 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

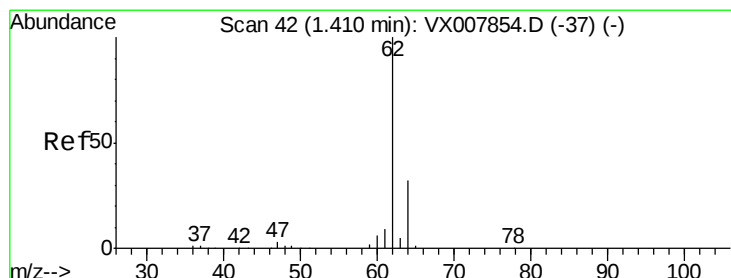
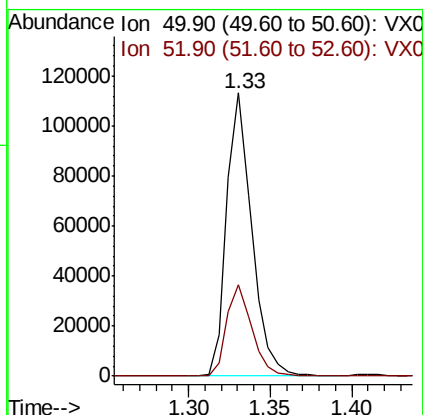
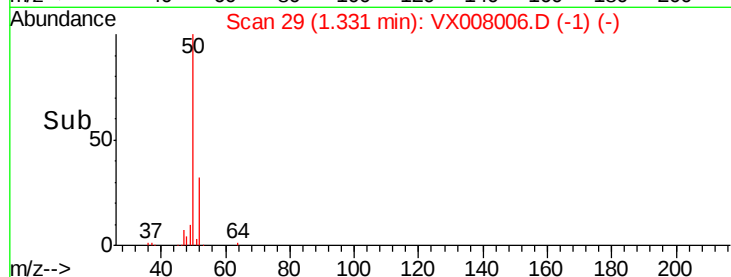
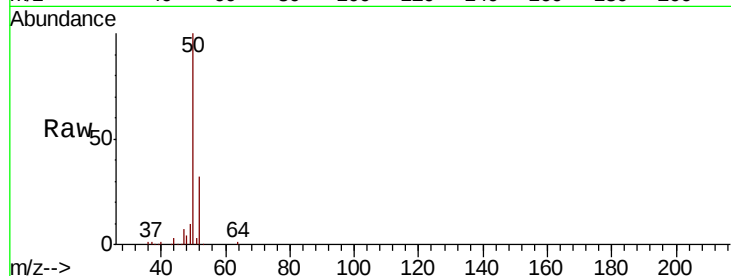
RE123D1-20190306MS

Tgt Ion: 50 Resp: 121403

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 49.354 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008006.D

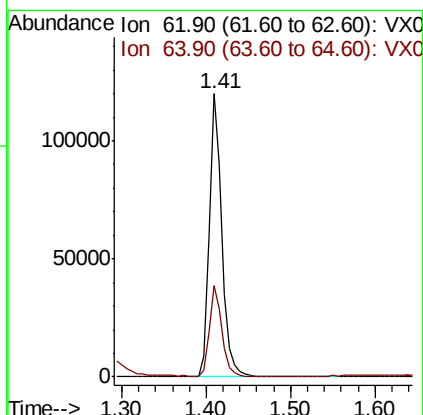
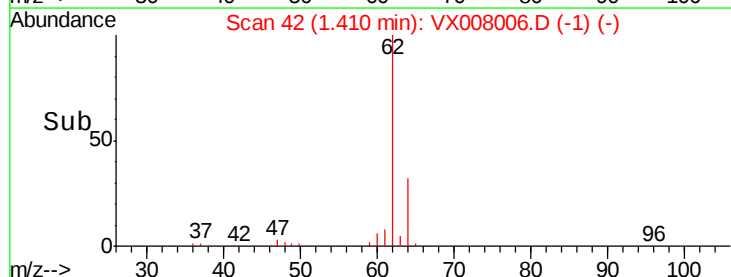
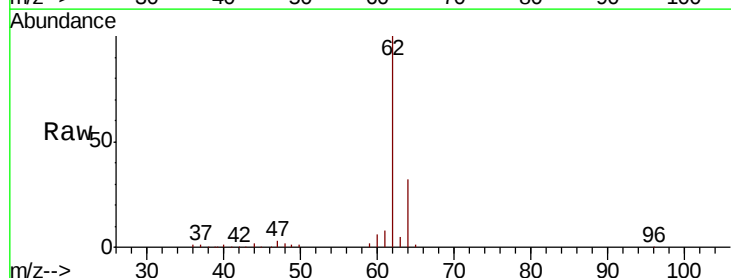
Acq: 12 Mar 2019 10:14

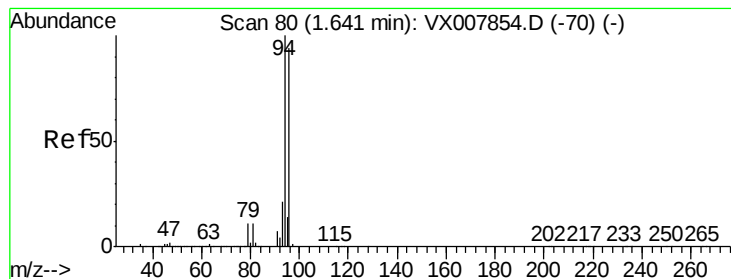
Tgt Ion: 62 Resp: 122933

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 51.576 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

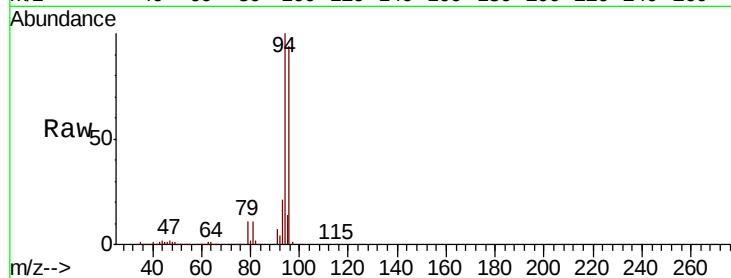
RE123D1-20190306MS

Tgt Ion: 94 Resp: 60245

Ion Ratio Lower Upper

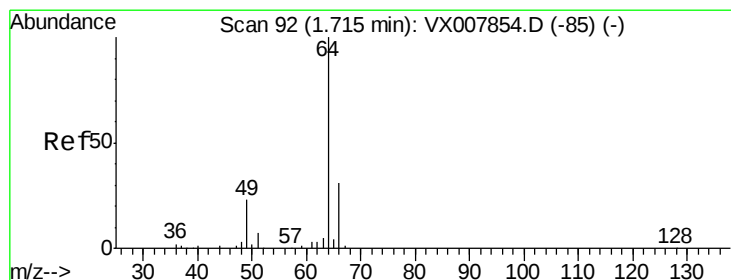
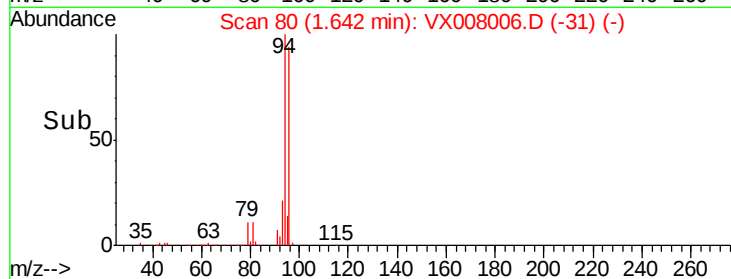
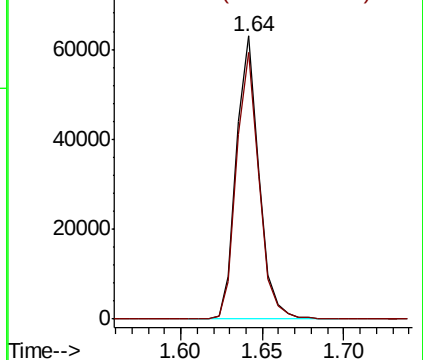
94 100

96 94.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.330 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008006.D

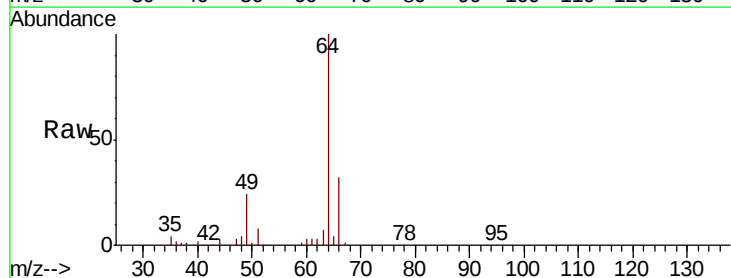
Acq: 12 Mar 2019 10:14

Tgt Ion: 64 Resp: 76663

Ion Ratio Lower Upper

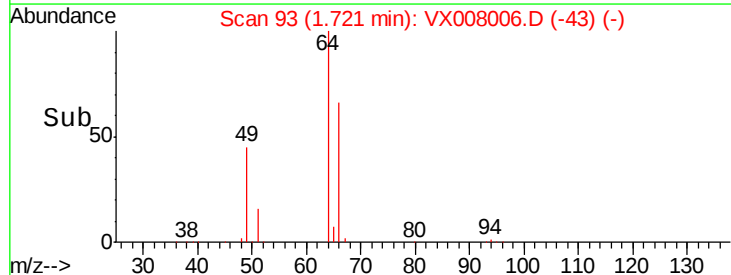
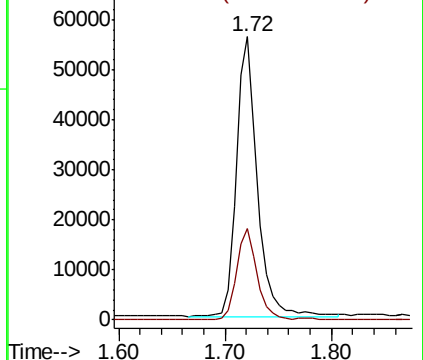
64 100

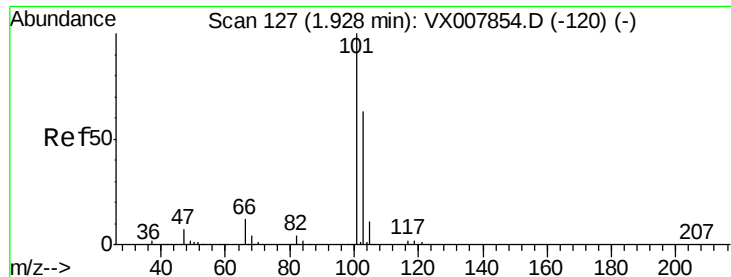
66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



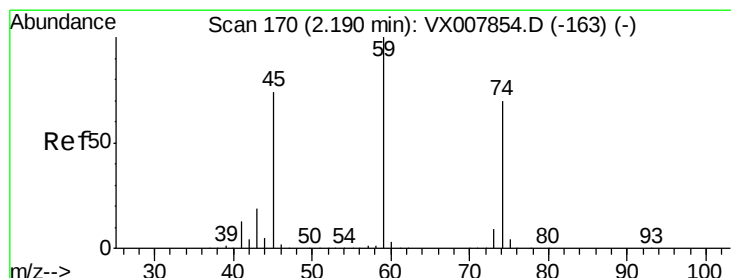
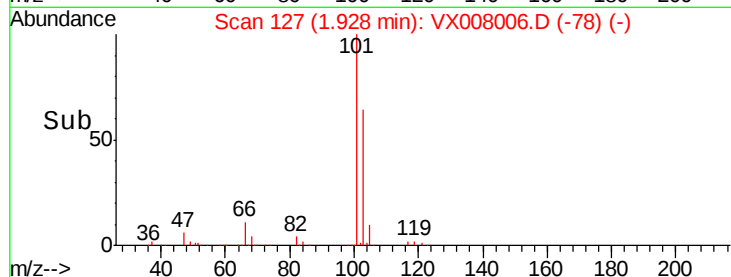
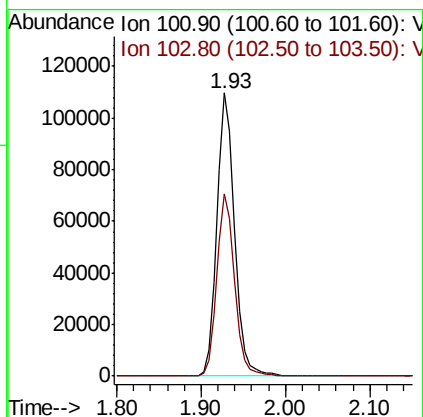
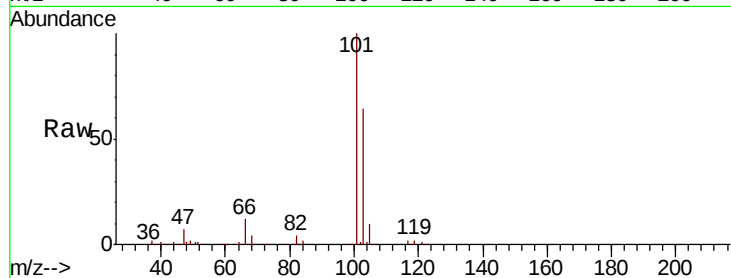


#7

Trichlorofluoromethane
 Concen: 49.298 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Instrument :
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 RE123D1-20190306MS

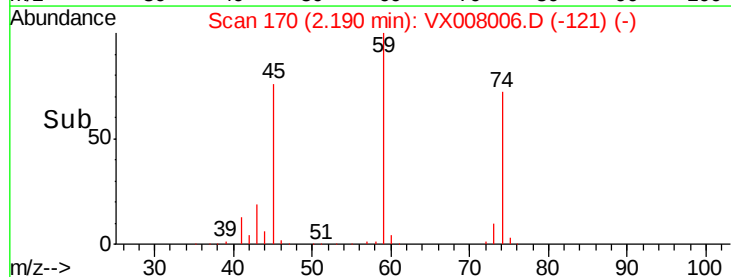
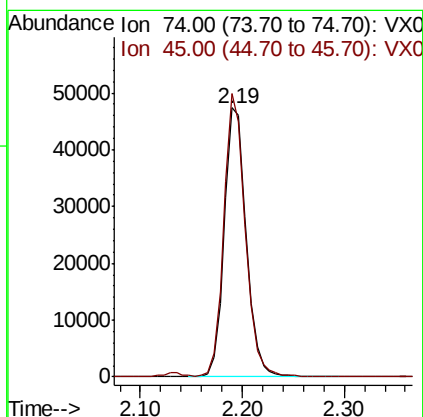
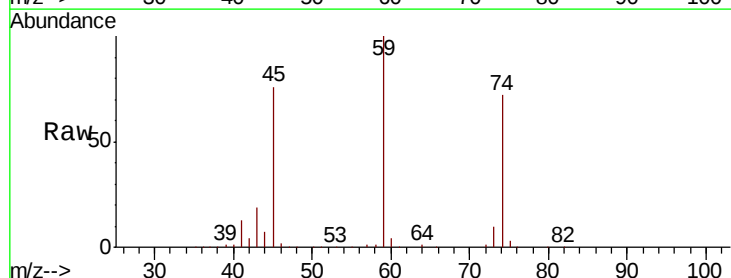
Tgt Ion:101 Resp: 159873
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.4 75.6

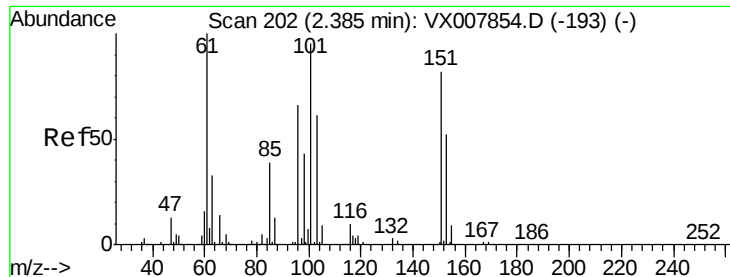


#8

Diethyl Ether
 Concen: 50.396 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 74 Resp: 70771
 Ion Ratio Lower Upper
 74 100
 45 101.5 52.1 156.4

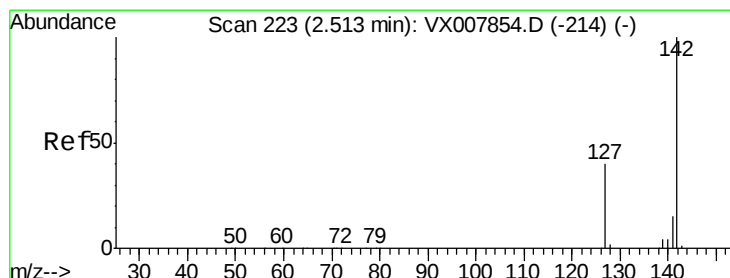
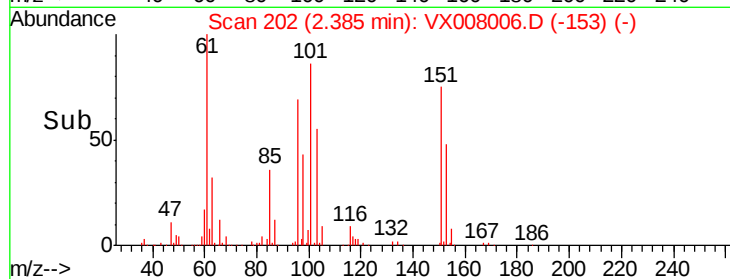
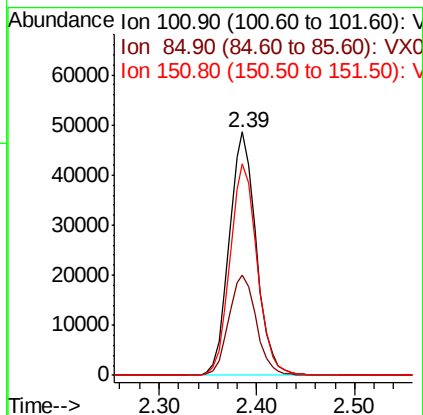
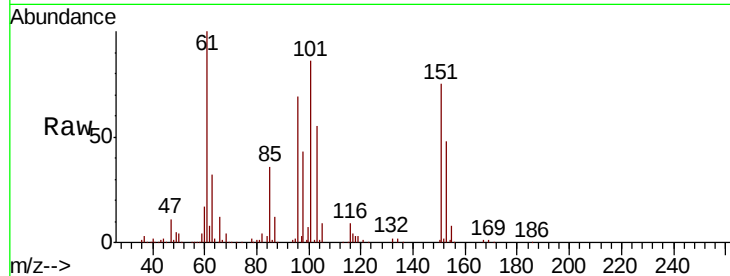




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.281 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

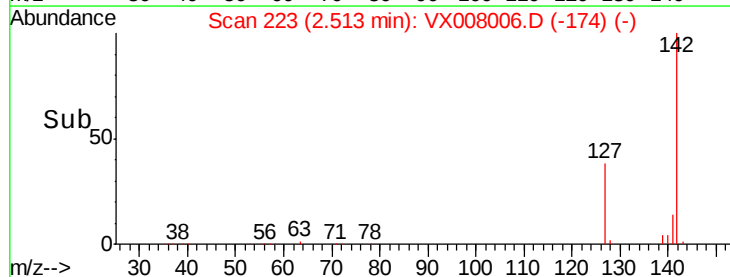
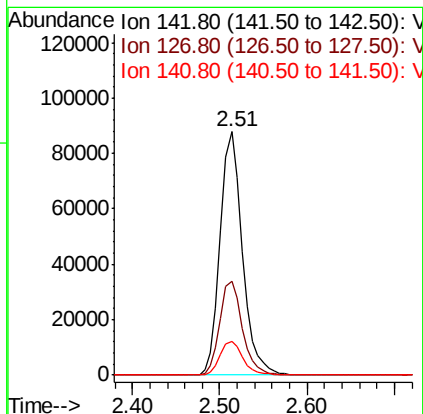
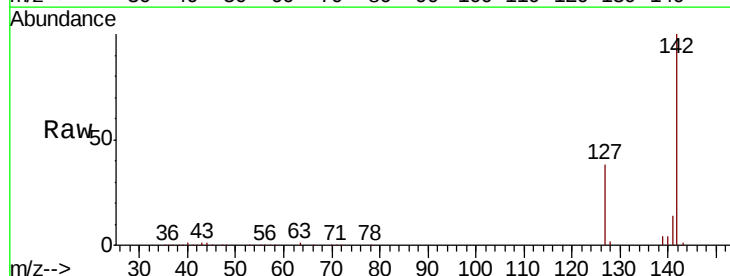
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

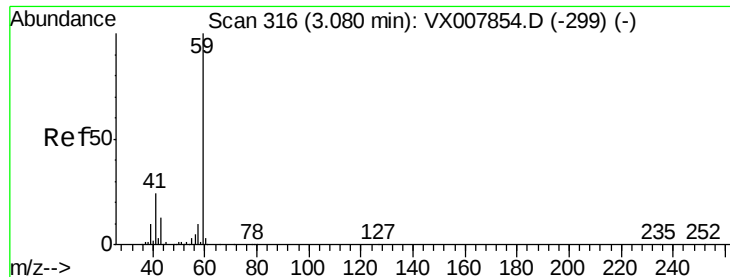
Tgt Ion:101 Resp: 93008
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.8 50.6
 151 87.6 69.1 103.7



#10
 Methyl Iodide
 Concen: 54.348 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion:142 Resp: 154946
 Ion Ratio Lower Upper
 142 100
 127 39.3 32.1 48.1
 141 14.3 11.4 17.2

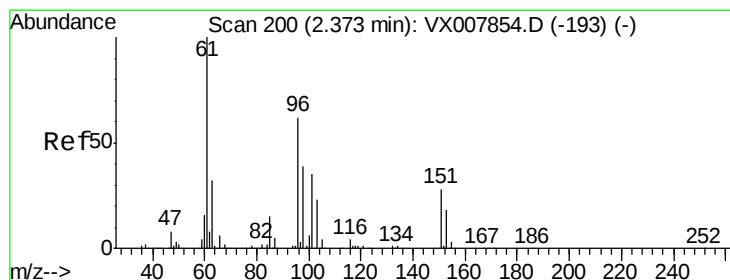
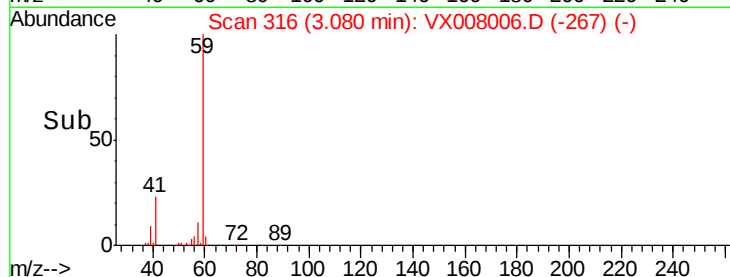
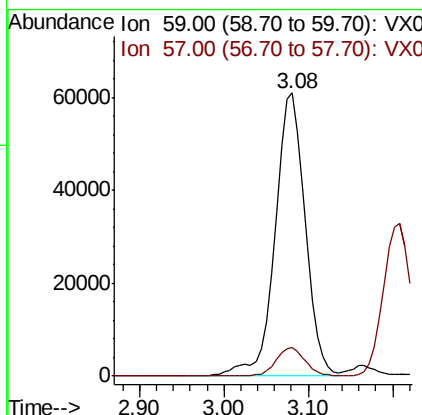
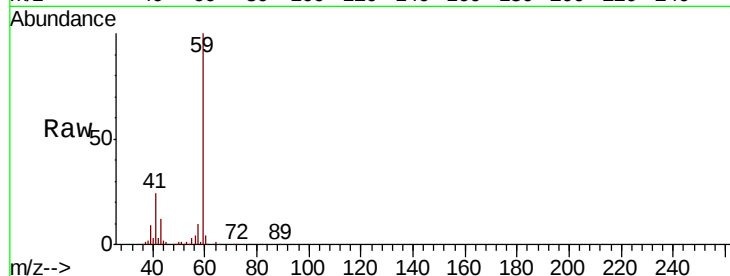




#11
Tert butyl alcohol
Concen: 282.623 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

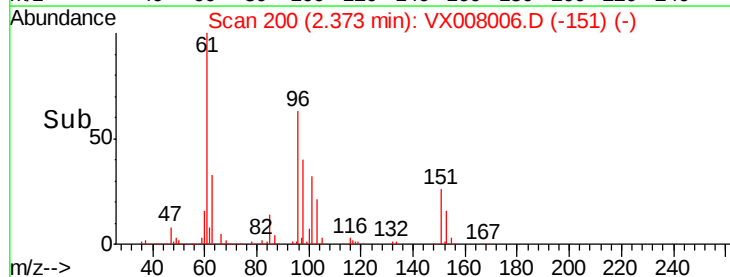
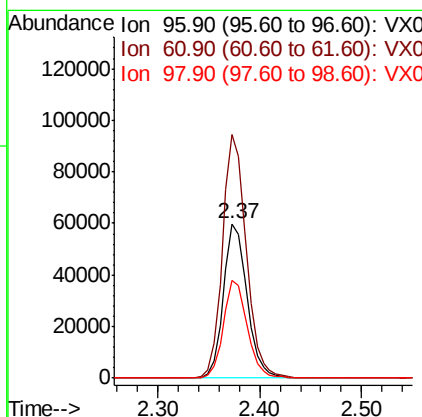
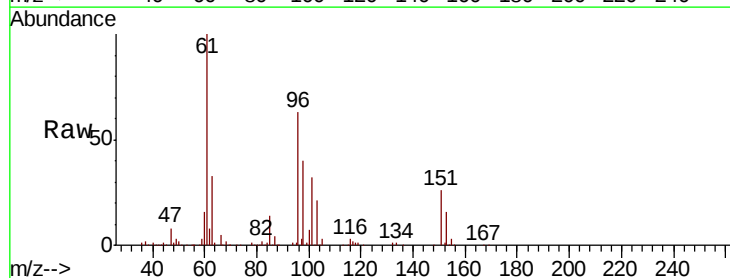
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 59 Resp: 151807
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.709 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 96 Resp: 96295
Ion Ratio Lower Upper
96 100
61 157.7 129.8 194.6
98 63.0 51.0 76.6





#13

Acrolein

Concen: 250.626 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

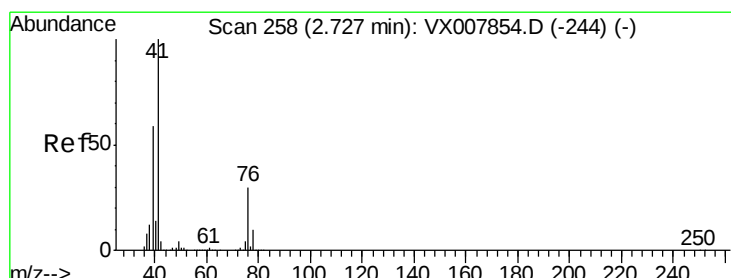
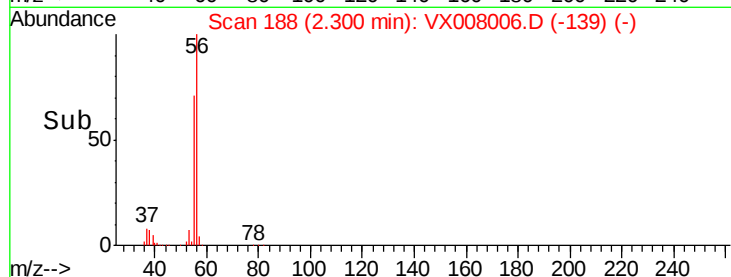
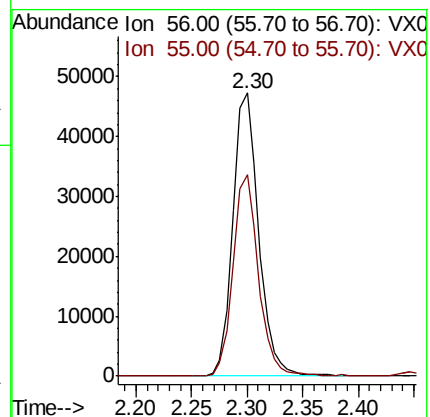
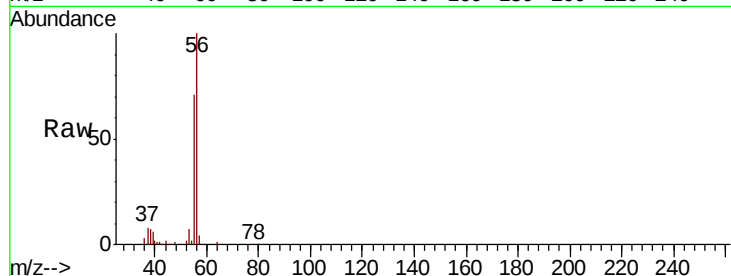
RE123D1-20190306MS

Tgt Ion: 56 Resp: 76184

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 45.538 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

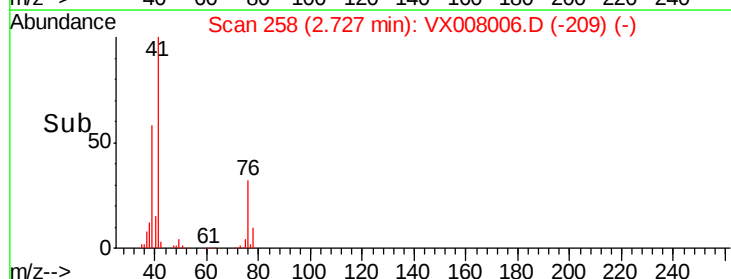
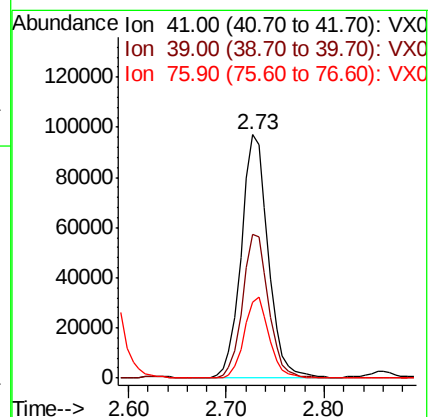
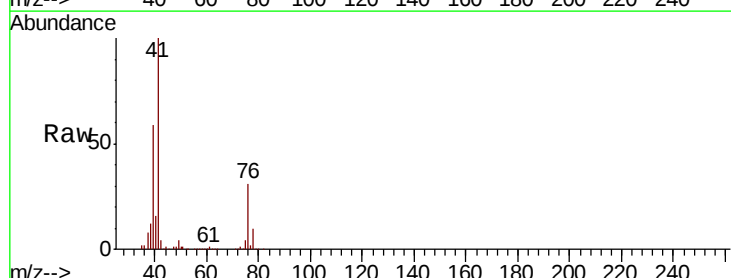
Tgt Ion: 41 Resp: 185368

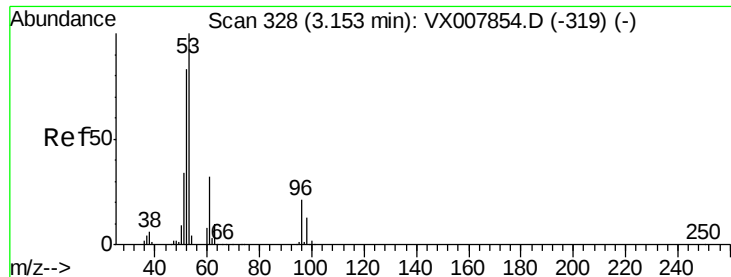
Ion Ratio Lower Upper

41 100

39 56.8 46.1 69.1

76 31.0 24.0 36.0

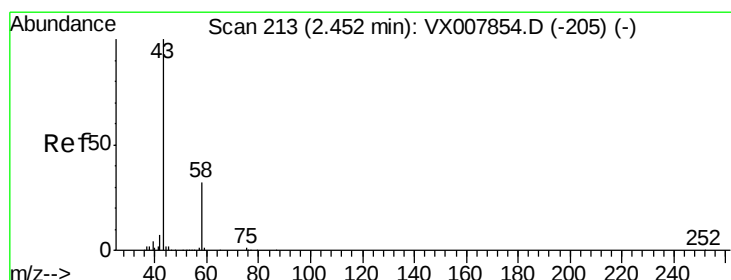
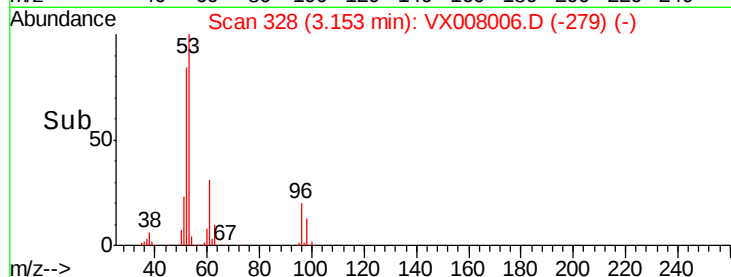
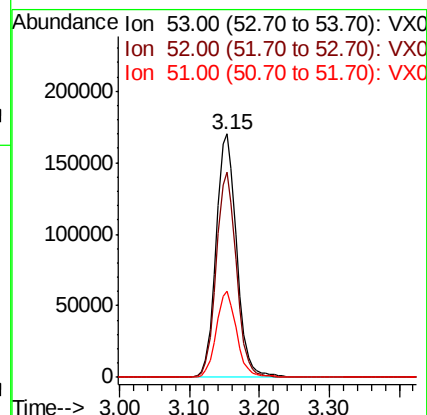
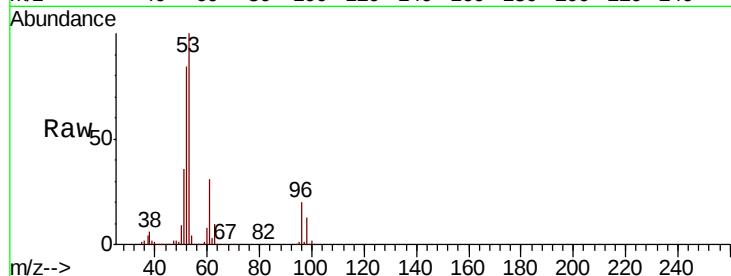




#15
 Acrylonitrile
 Concen: 255.113 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

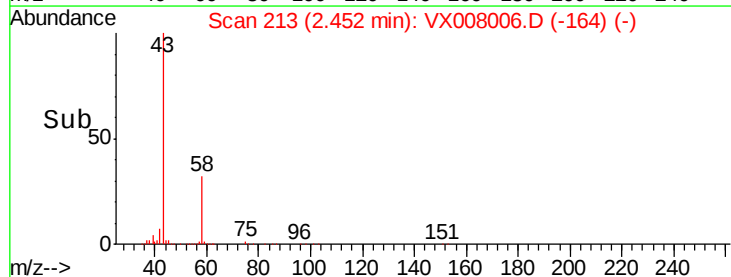
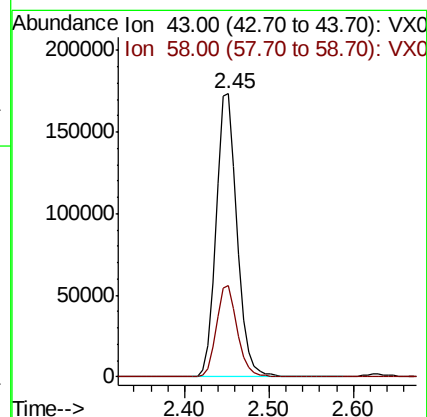
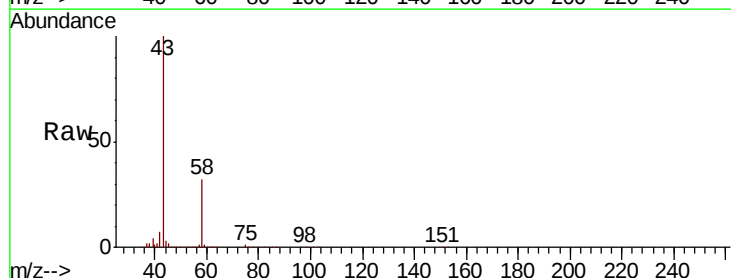
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

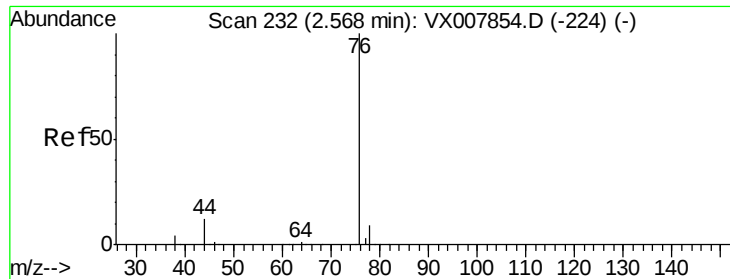
Tgt Ion: 53 Resp: 345879
 Ion Ratio Lower Upper
 53 100
 52 82.4 66.0 99.0
 51 35.1 28.0 42.0



#16
 Acetone
 Concen: 214.092 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 43 Resp: 297633
 Ion Ratio Lower Upper
 43 100
 58 32.4 25.5 38.3

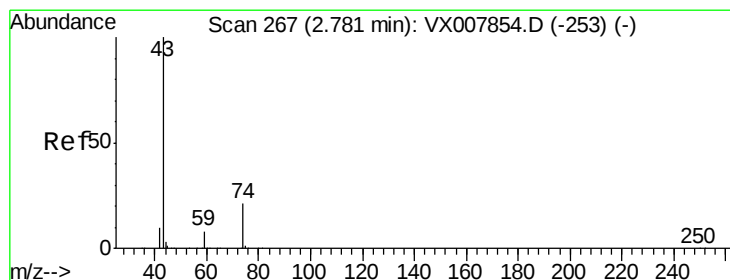
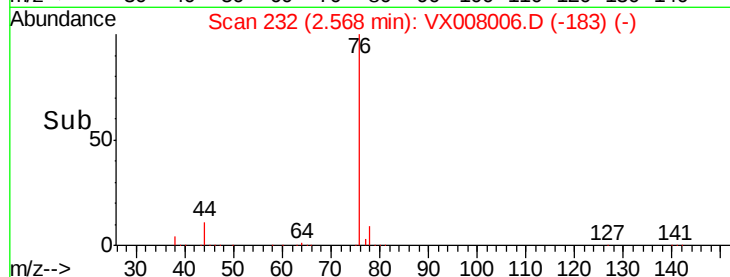
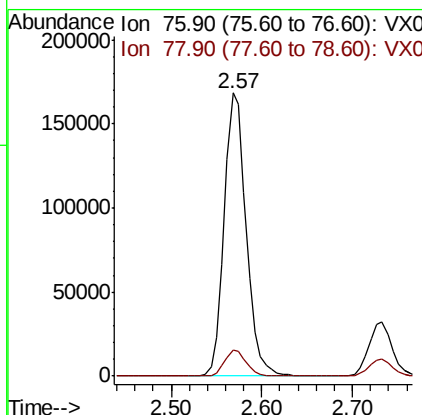
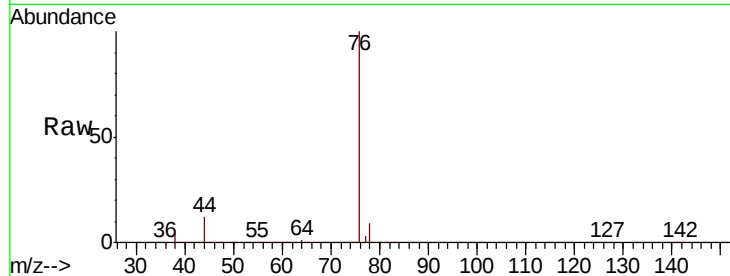




#17
Carbon Disulfide
Concen: 48.322 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

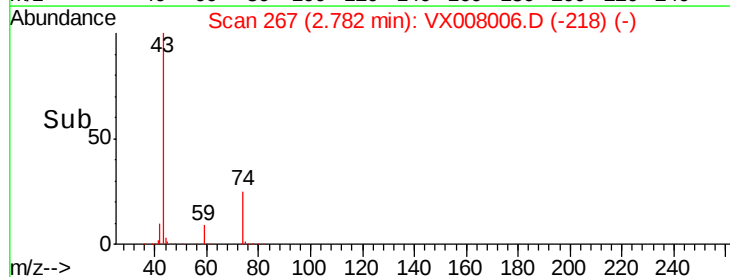
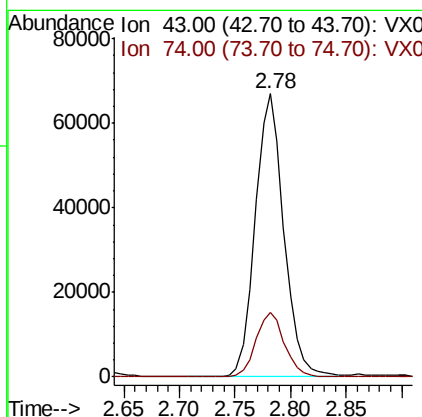
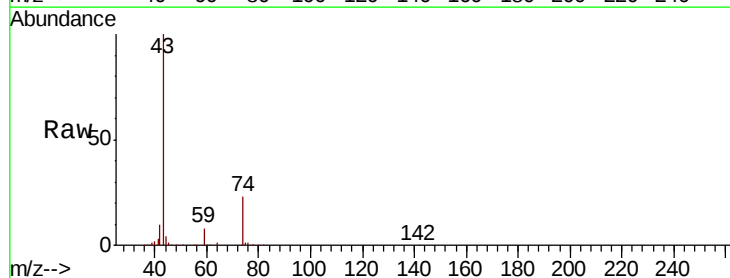
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

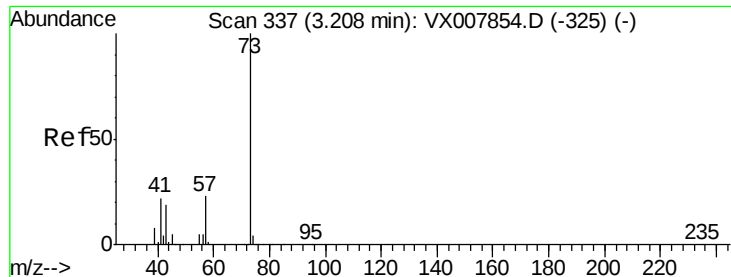
Tgt Ion: 76 Resp: 284351
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 40.415 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 43 Resp: 119364
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.6



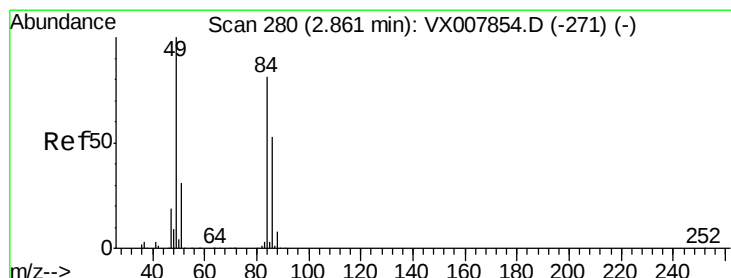
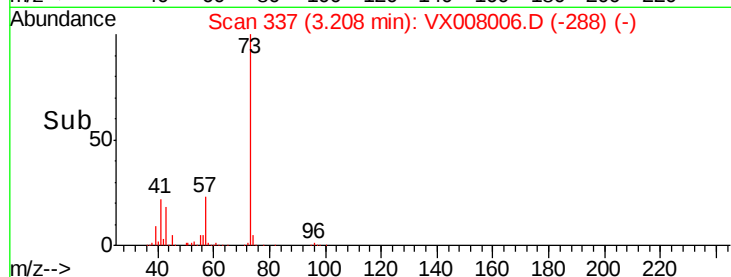
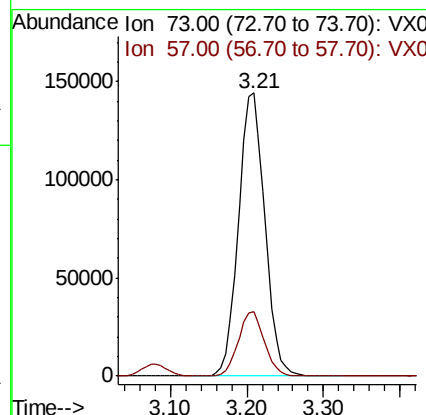
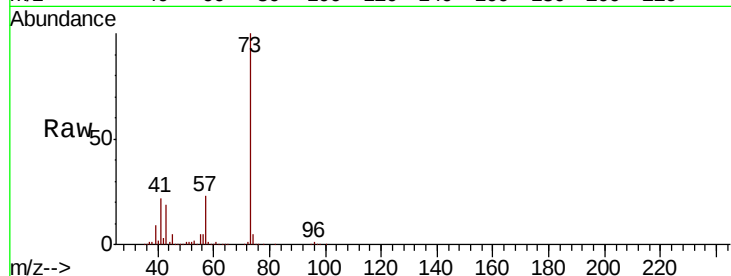


#19

Methyl tert-butyl Ether
 Concen: 51.500 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

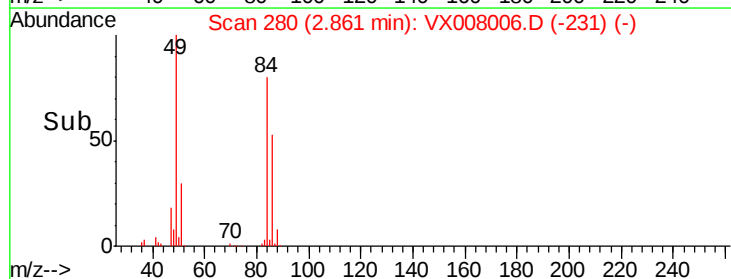
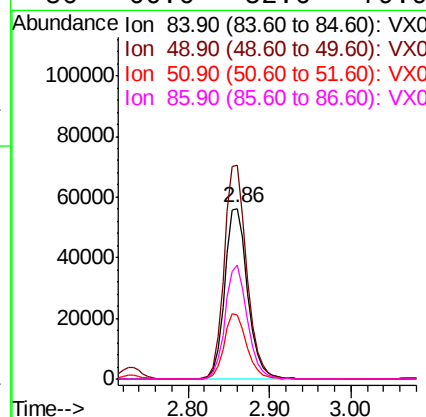
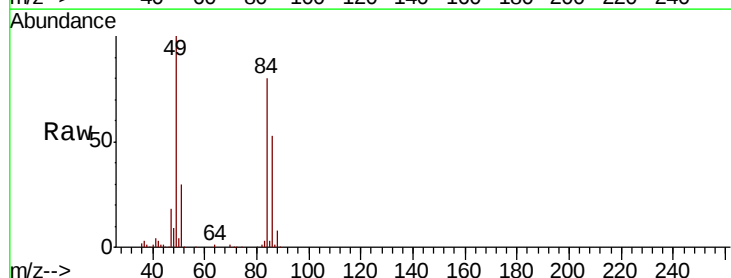
Tgt Ion: 73 Resp: 343212
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.2 27.4

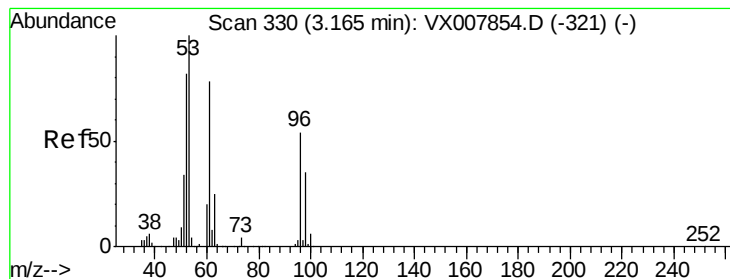


#20

Methylene Chloride
 Concen: 49.537 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 84 Resp: 109603
 Ion Ratio Lower Upper
 84 100
 49 125.3 99.3 148.9
 51 37.5 31.3 46.9
 86 66.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.276 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

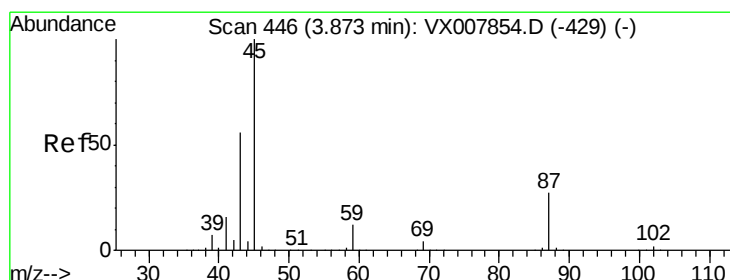
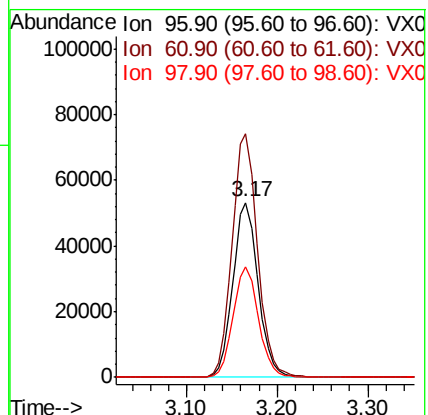
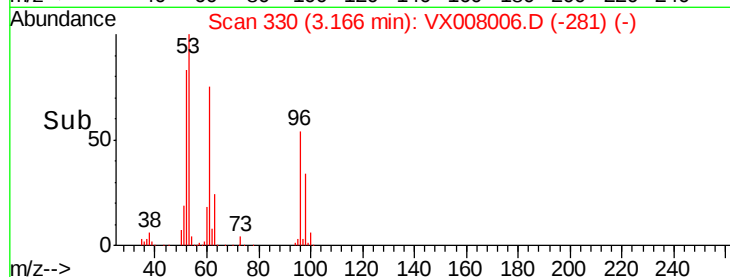
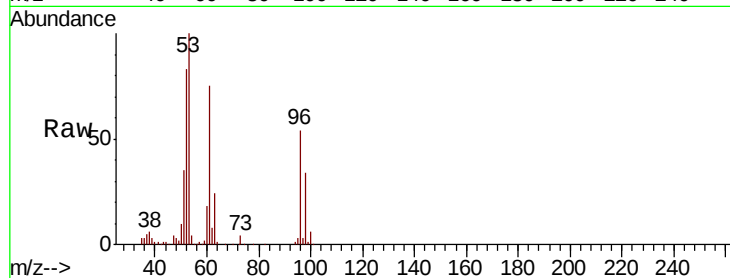
Tgt Ion: 96 Resp: 102901

Ion Ratio Lower Upper

96 100

61 139.2 114.4 171.6

98 63.3 51.1 76.7



#22

Diisopropyl ether

Concen: 48.166 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Tgt Ion: 45 Resp: 359408

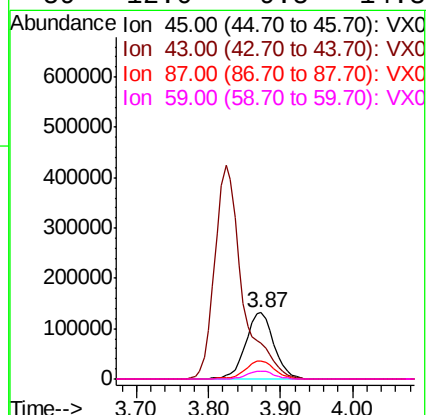
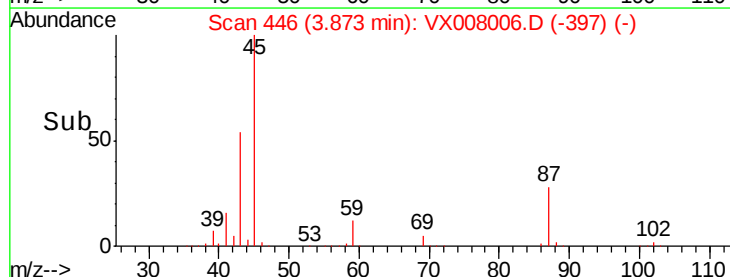
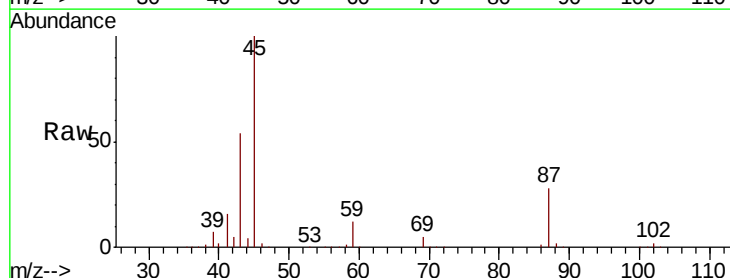
Ion Ratio Lower Upper

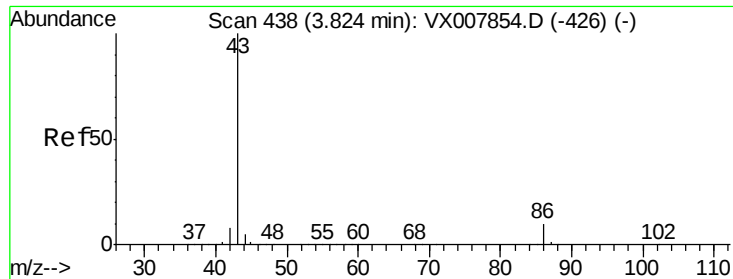
45 100

43 53.5 45.3 67.9

87 27.8 21.4 32.0

59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 172.249 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

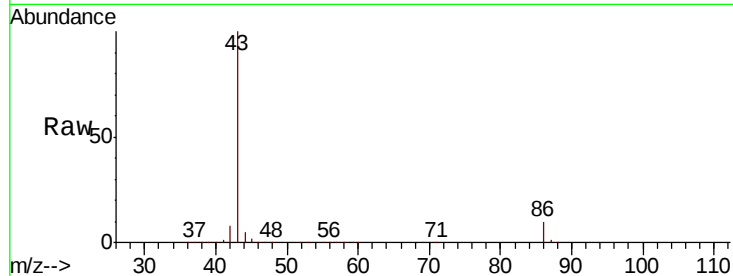
RE123D1-20190306MS

Tgt Ion: 43 Resp: 1127108

Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

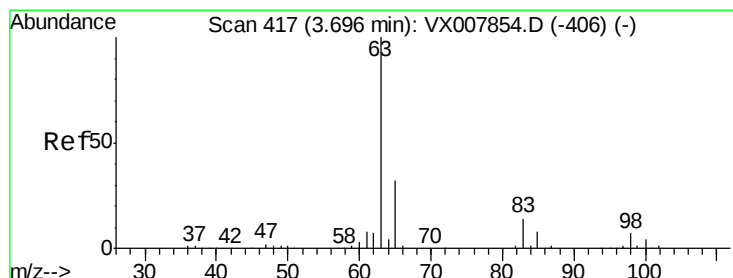
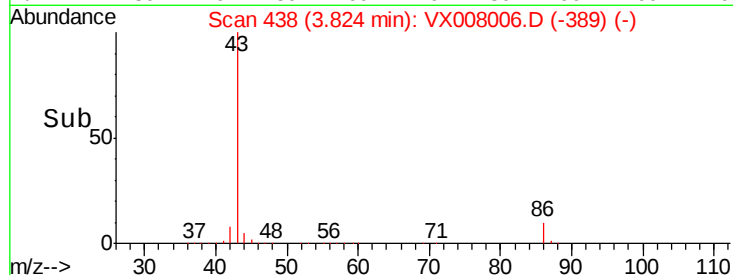
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.106 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

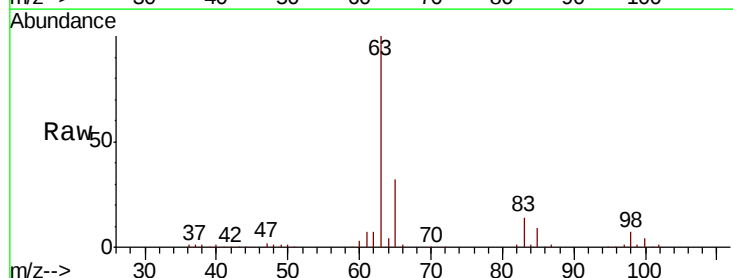
Tgt Ion: 63 Resp: 197190

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.3 2.3 6.8



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

3.70

100000

80000

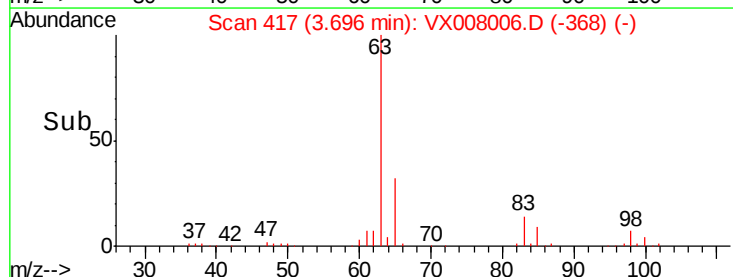
60000

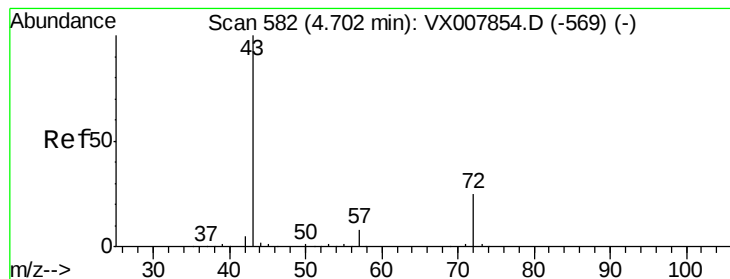
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.231 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

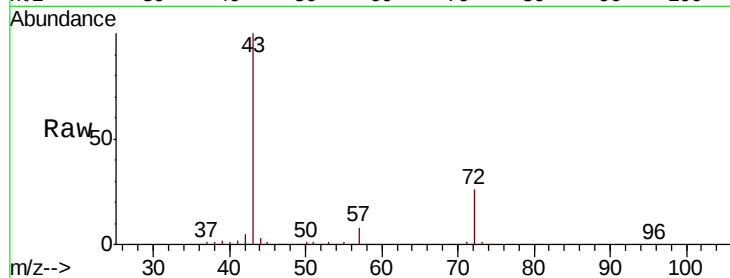
RE123D1-20190306MS

Tgt Ion: 43 Resp: 476754

Ion Ratio Lower Upper

43 100

72 25.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

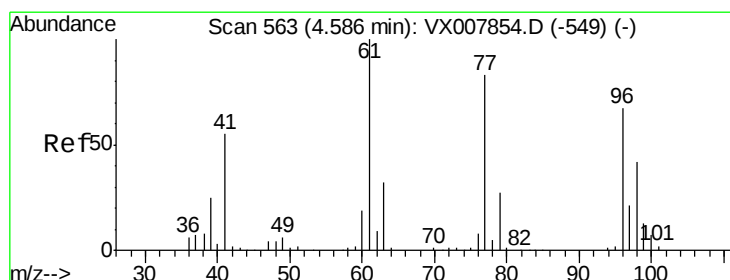
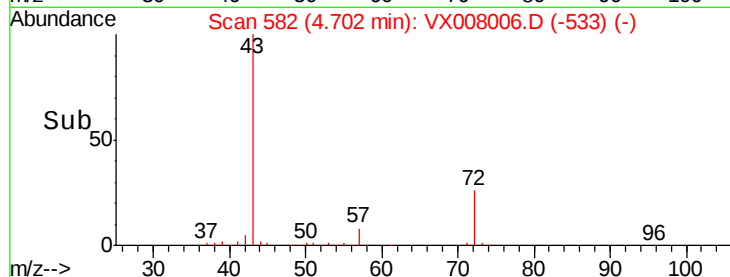
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 30.343 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008006.D

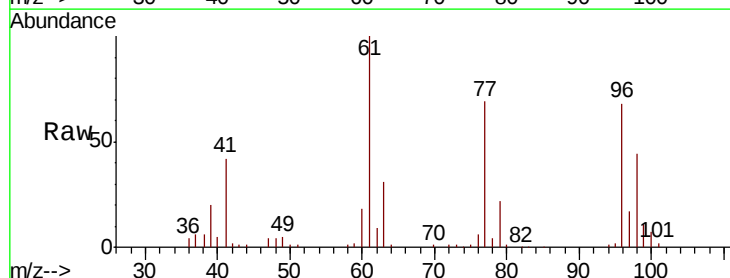
Acq: 12 Mar 2019 10:14

Tgt Ion: 77 Resp: 80723

Ion Ratio Lower Upper

77 100

97 26.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

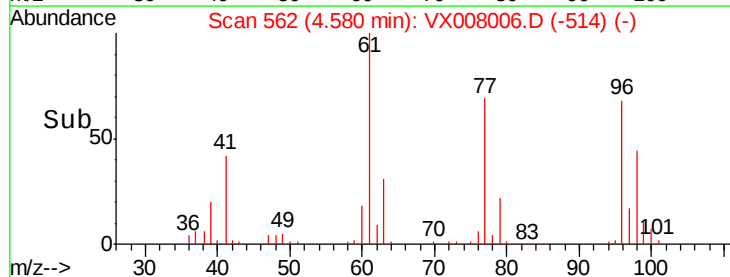
15000

10000

5000

0

Time-->



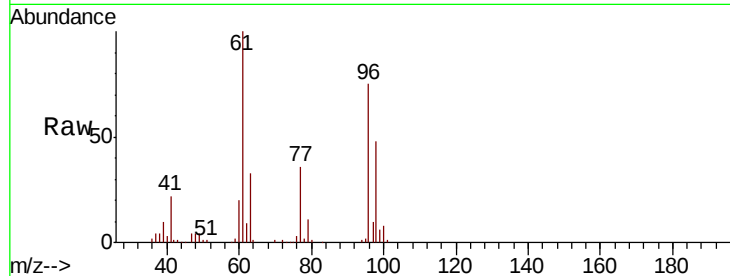


#27

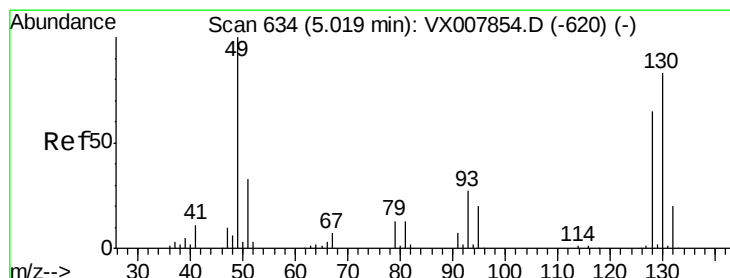
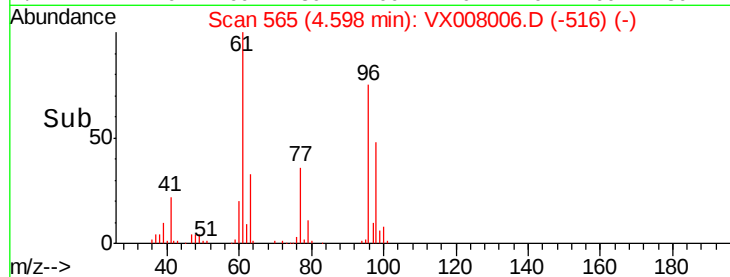
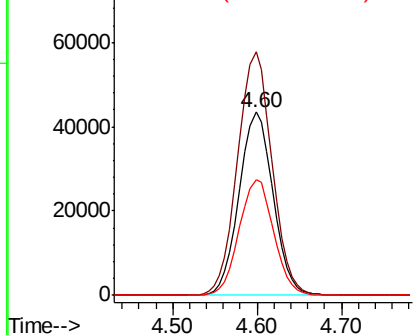
cis-1,2-Dichloroethene
Concen: 48.807 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 96 Resp: 119045
Ion Ratio Lower Upper
96 100
61 135.2 0.0 288.0
98 64.2 0.0 129.0



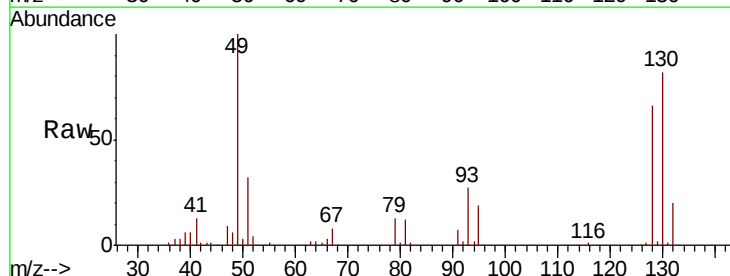
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



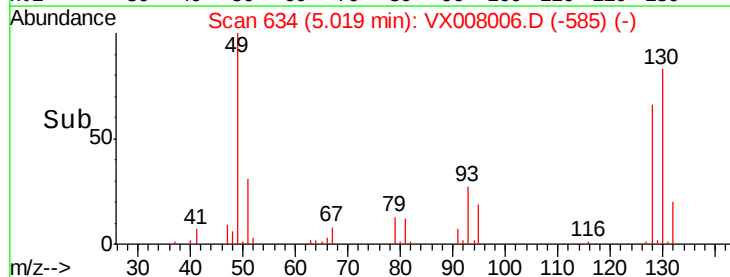
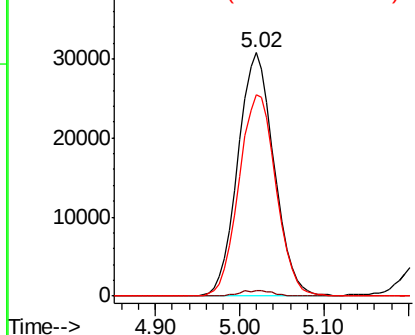
#28

Bromochloromethane
Concen: 47.983 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 49 Resp: 89829
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 84.8 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

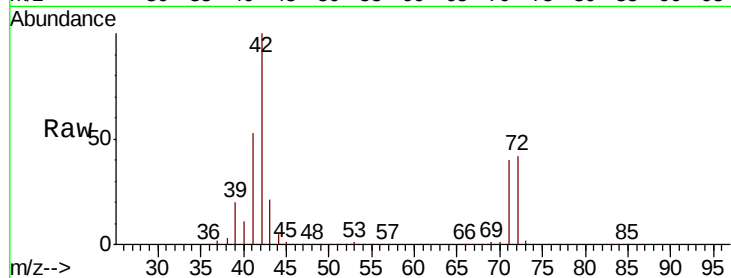




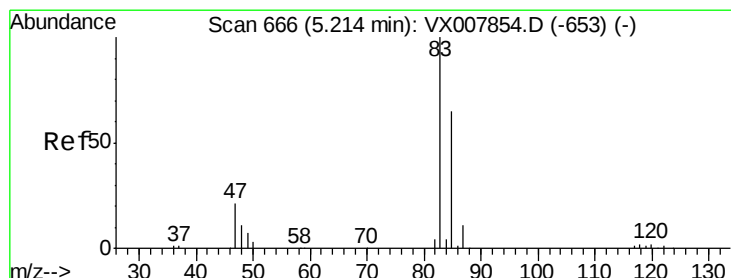
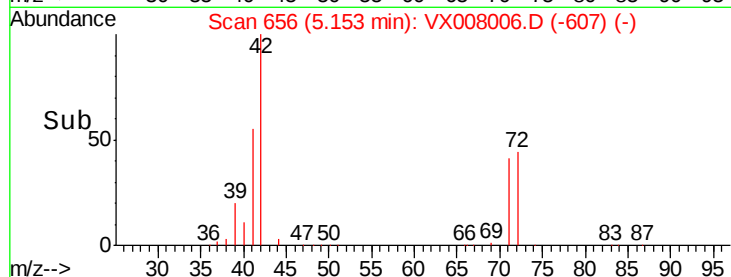
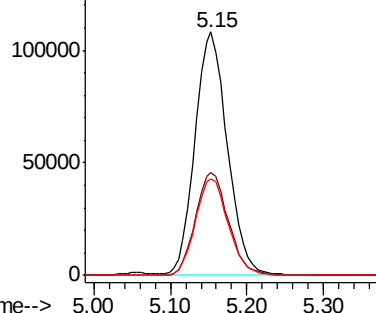
#29
Tetrahydrofuran
Concen: 257.216 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 42 Resp: 315780
Ion Ratio Lower Upper
42 100
72 43.1 33.8 50.6
71 40.5 31.5 47.3

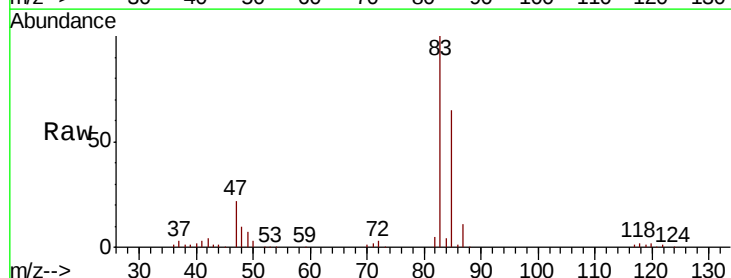


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

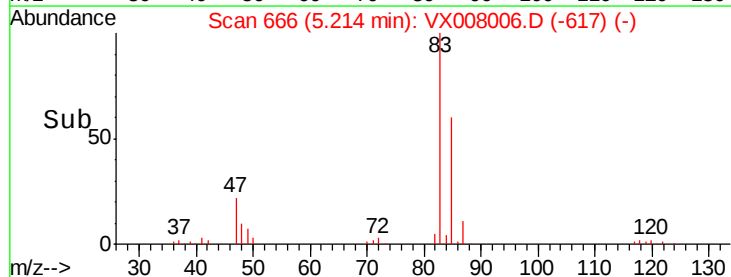
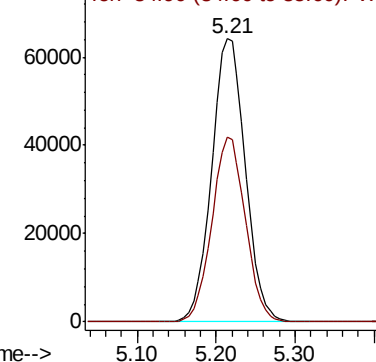


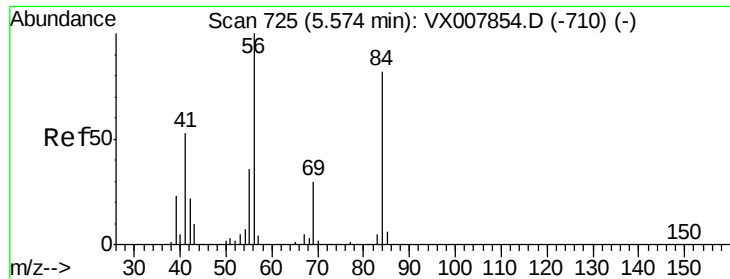
#30
Chloroform
Concen: 50.124 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 83 Resp: 190397
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

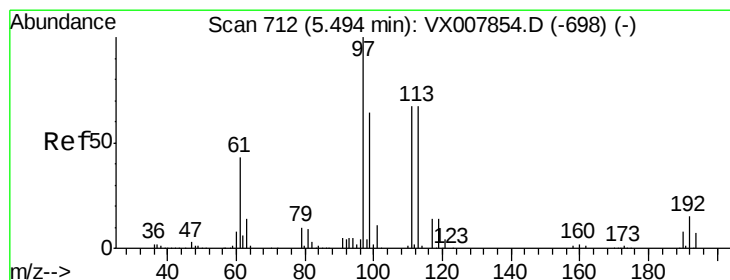
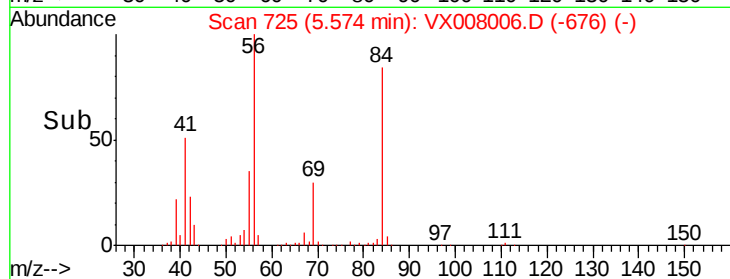
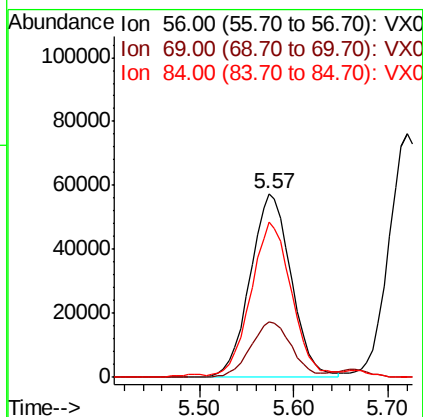
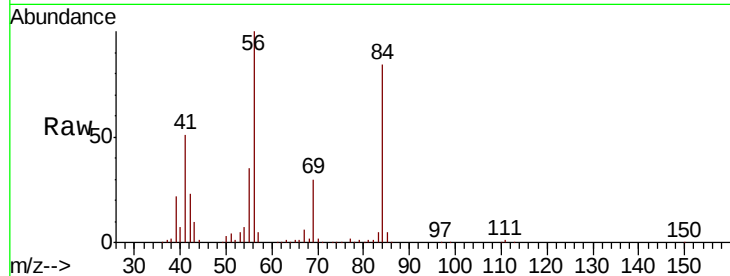




#31
Cyclohexane
Concen: 47.410 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

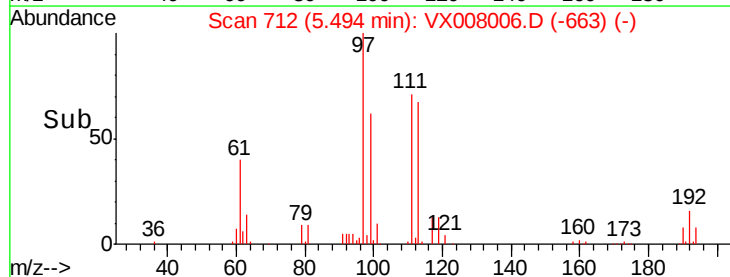
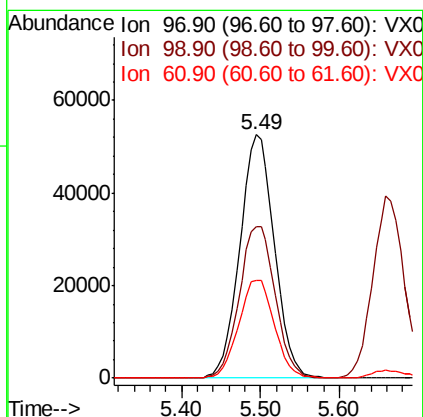
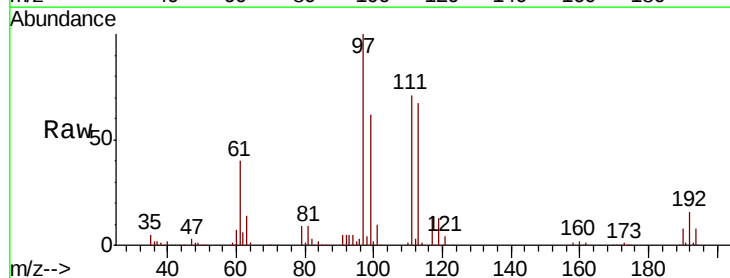
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

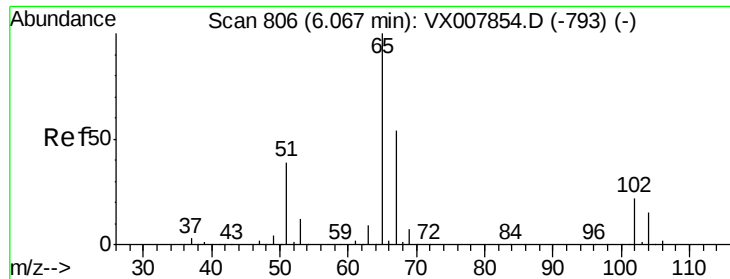
Tgt Ion: 56 Resp: 174972
Ion Ratio Lower Upper
56 100
69 29.9 24.0 36.0
84 83.2 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 50.794 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 97 Resp: 160082
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 41.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 51.247 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

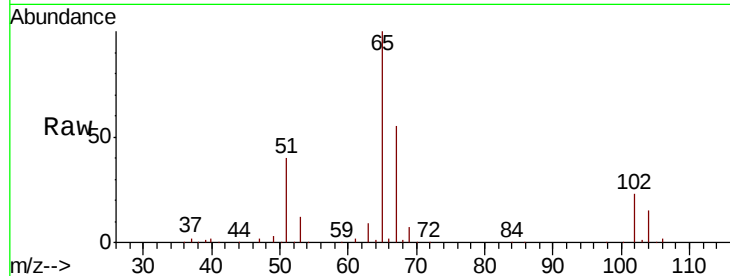
RE123D1-20190306MS

Tgt Ion: 65 Resp: 123089

Ion Ratio Lower Upper

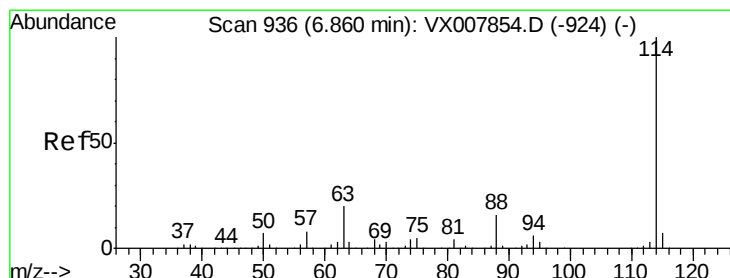
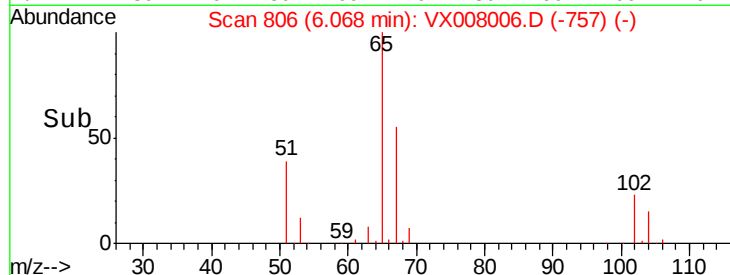
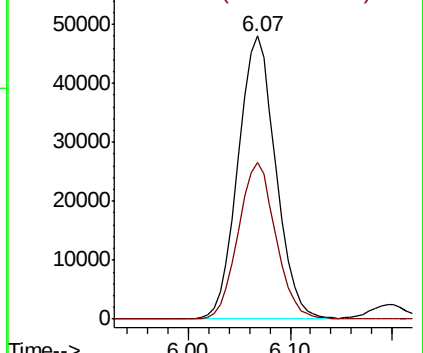
65 100

67 55.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

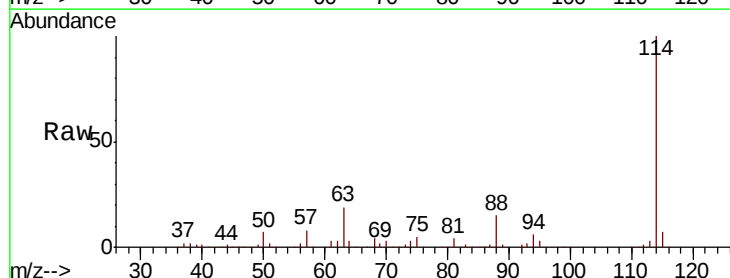
Tgt Ion: 114 Resp: 336547

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

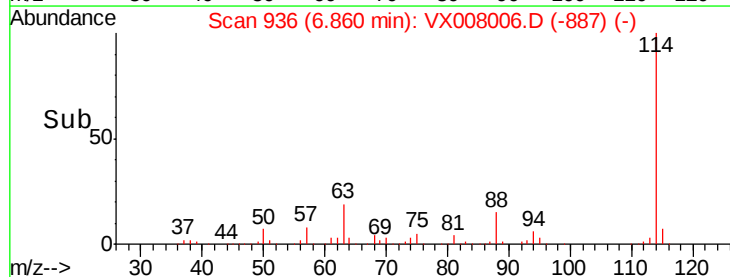
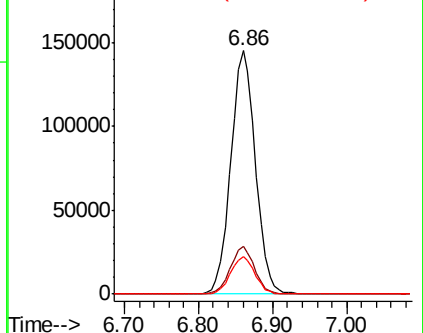
88 15.3 0.0 31.4

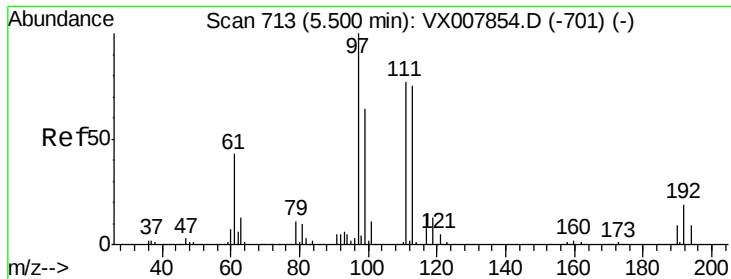


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

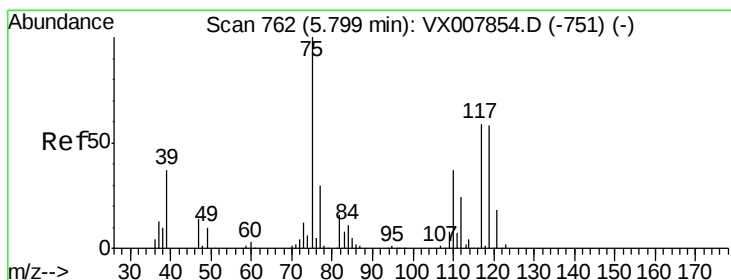
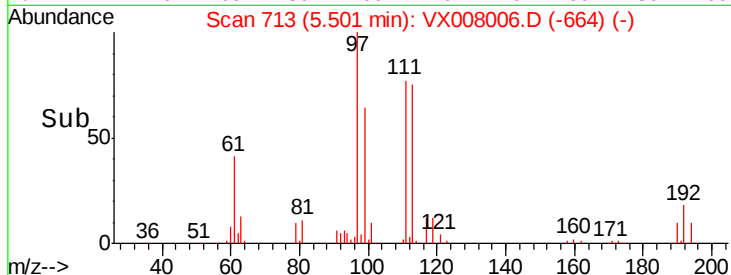
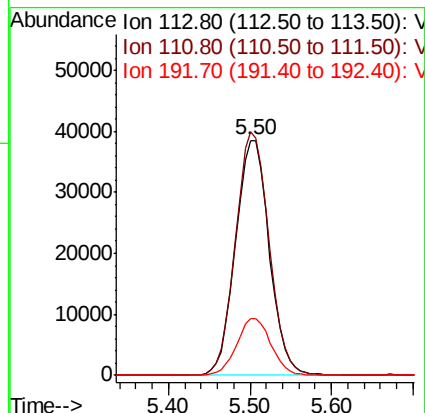
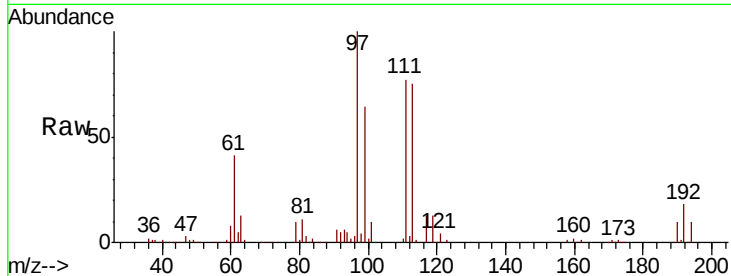




#35
 Dibromofluoromethane
 Concen: 51.302 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

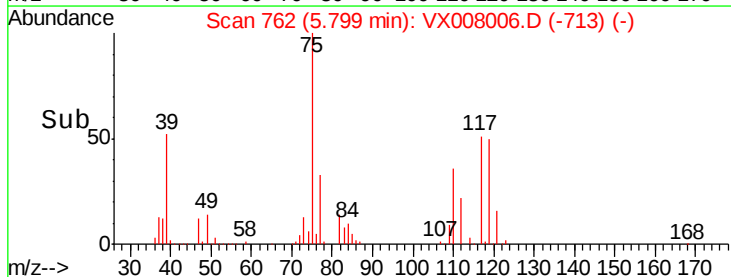
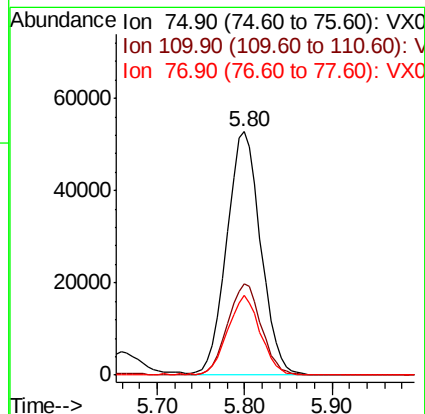
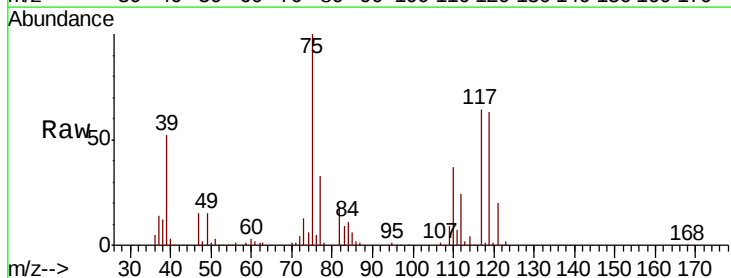
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

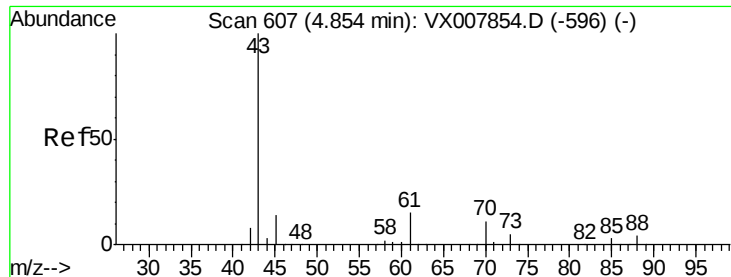
Tgt Ion:113 Resp: 110442
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 24.5 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 46.646 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 75 Resp: 142147
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.4 55.0
 77 31.7 25.0 37.4

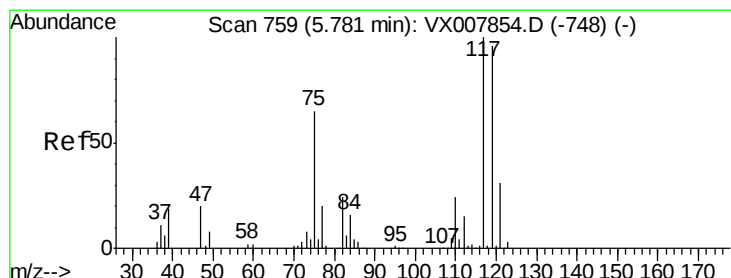
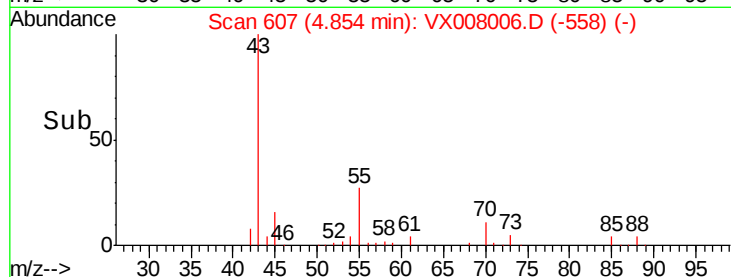
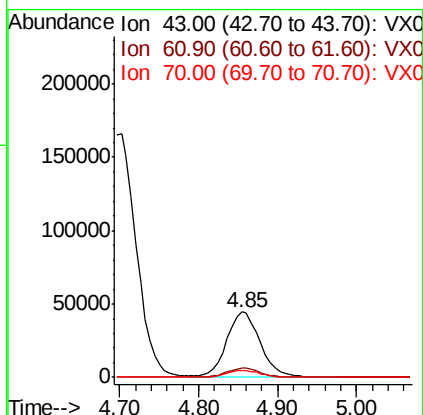
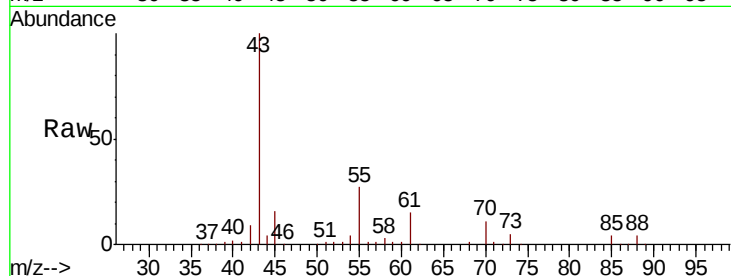




#37
Ethyl Acetate
Concen: 36.518 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

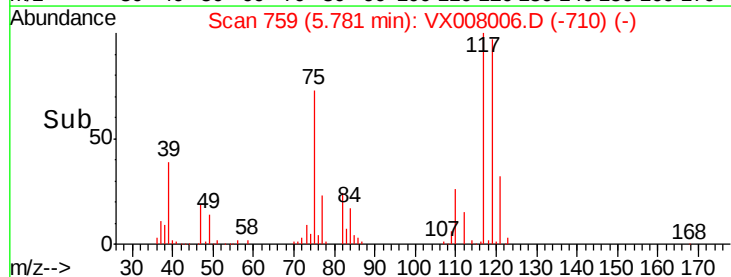
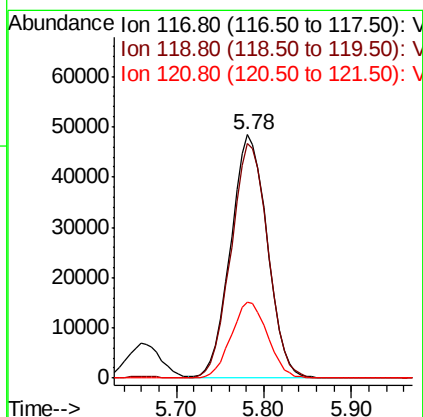
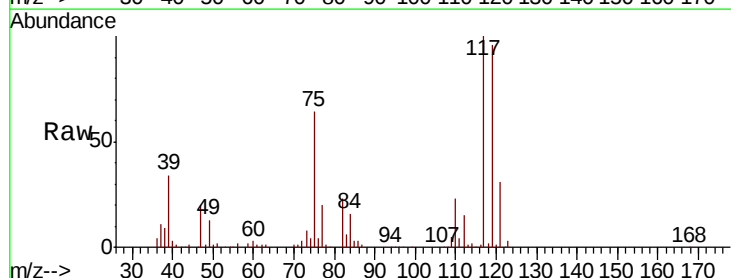
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 43 Resp: 132061
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.717 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 117 Resp: 140943
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2
121 31.2 24.6 36.8

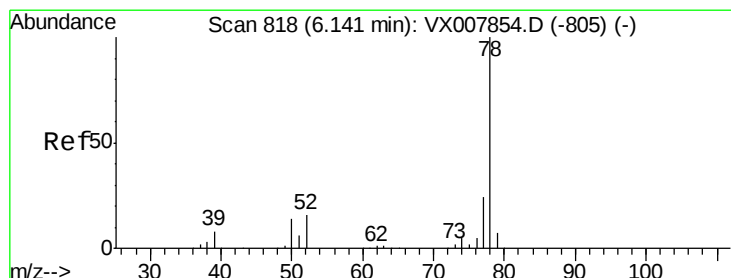
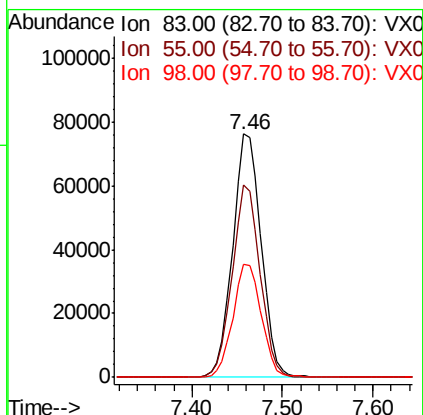
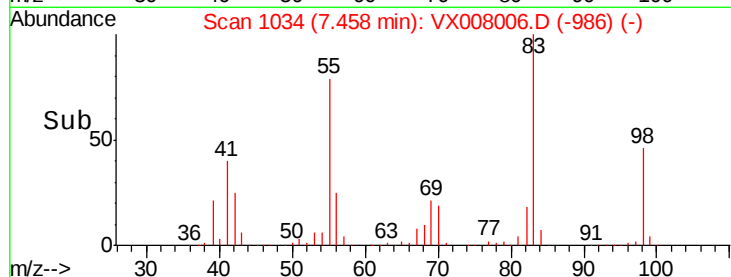
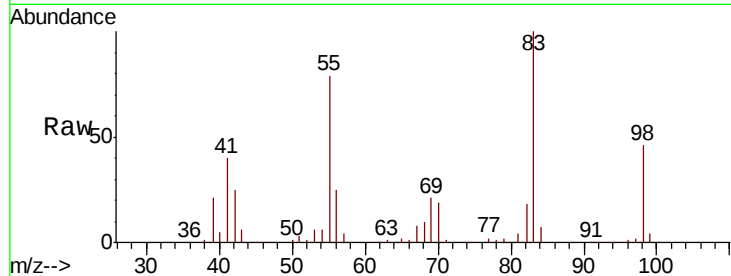




#39
Methylcyclohexane
Concen: 44.994 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

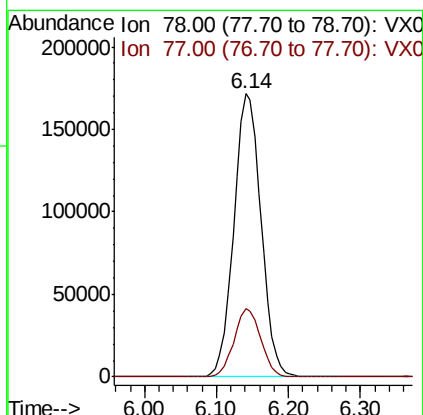
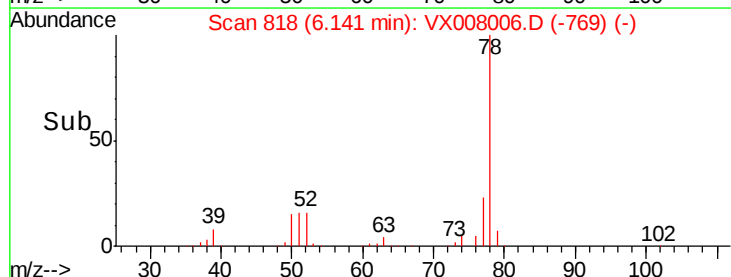
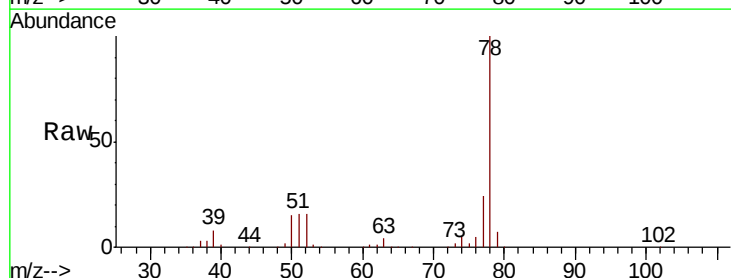
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 83 Resp: 166145
Ion Ratio Lower Upper
83 100
55 78.8 60.4 90.6
98 46.2 36.5 54.7



#40
Benzene
Concen: 49.448 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 78 Resp: 448599
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 50.212 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

Tgt Ion: 41 Resp: 98999

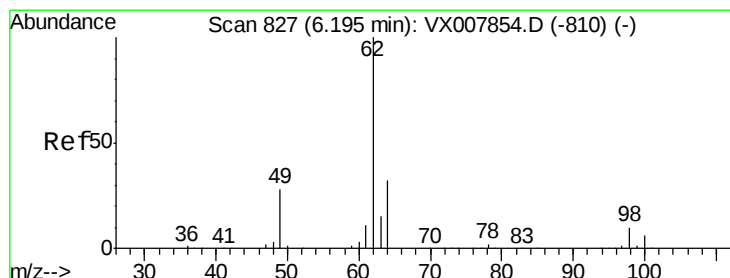
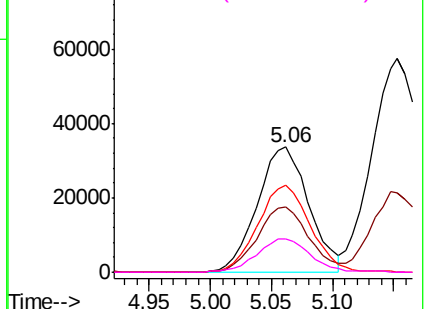
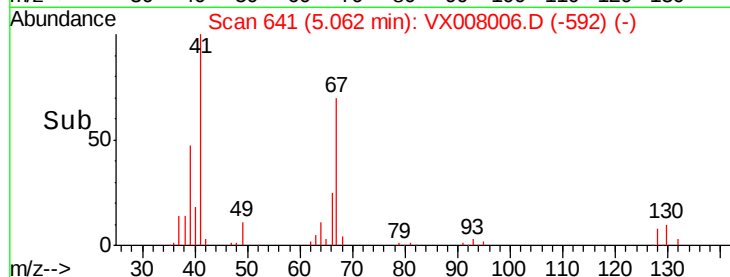
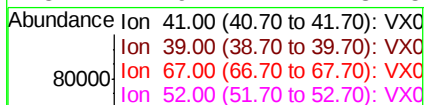
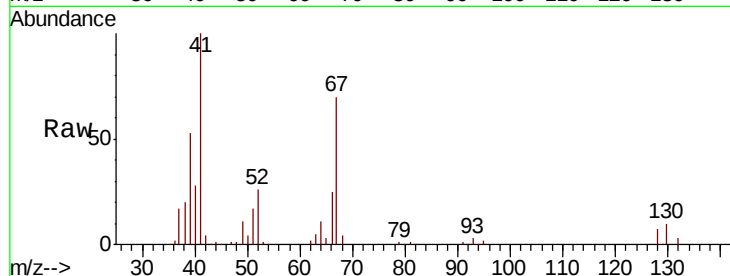
Ion Ratio Lower Upper

41 100

39 52.4 41.6 62.4

67 70.8 55.8 83.6

52 27.9 21.7 32.5



#42

1,2-Dichloroethane

Concen: 48.857 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008006.D

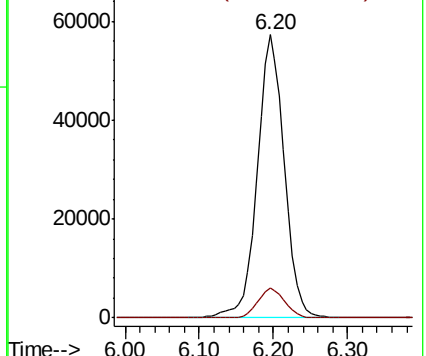
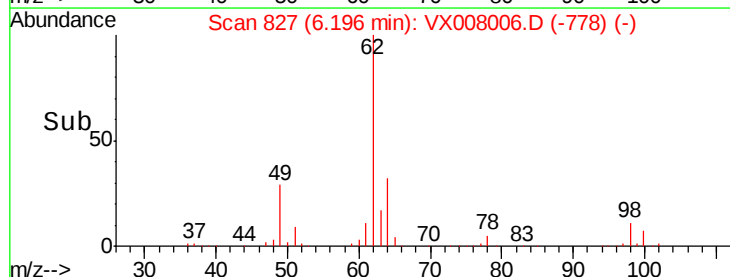
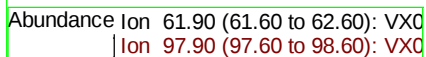
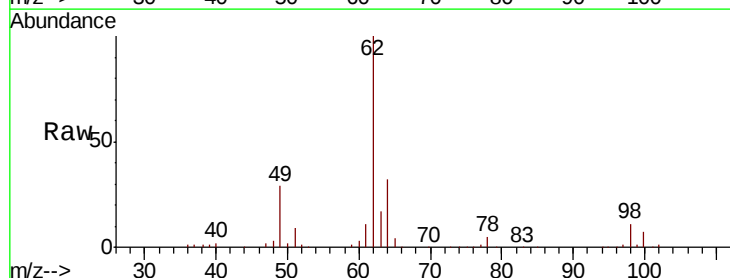
Acq: 12 Mar 2019 10:14

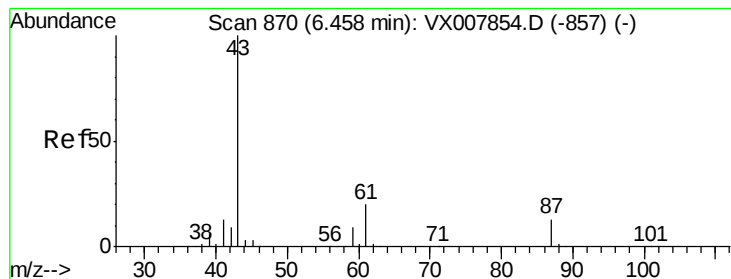
Tgt Ion: 62 Resp: 144954

Ion Ratio Lower Upper

62 100

98 10.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 42.074 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

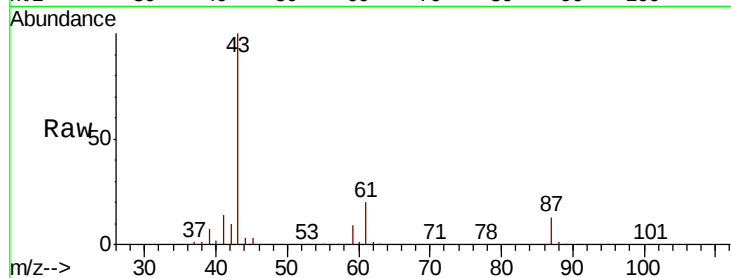
Tgt Ion: 43 Resp: 225178

Ion Ratio Lower Upper

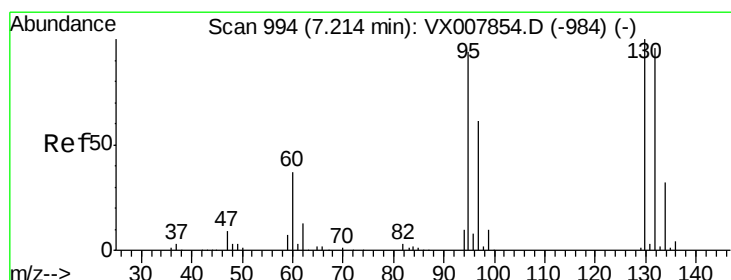
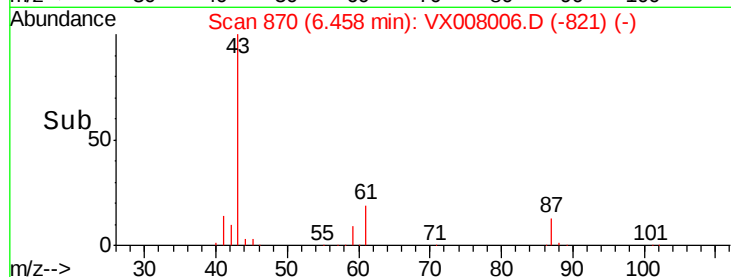
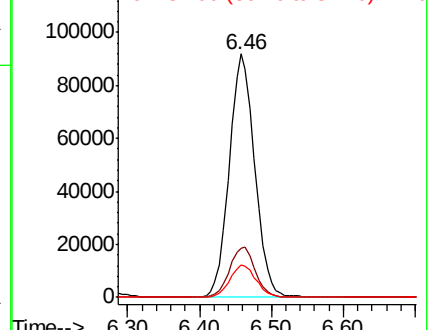
43 100

61 20.9 16.3 24.5

87 13.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 59.855 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008006.D

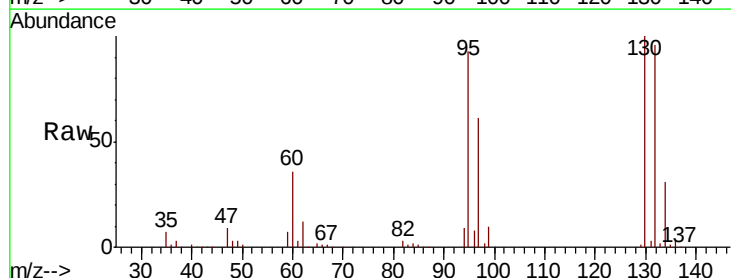
Acq: 12 Mar 2019 10:14

Tgt Ion: 130 Resp: 149644

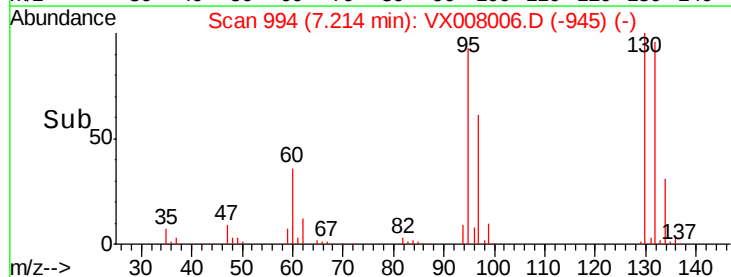
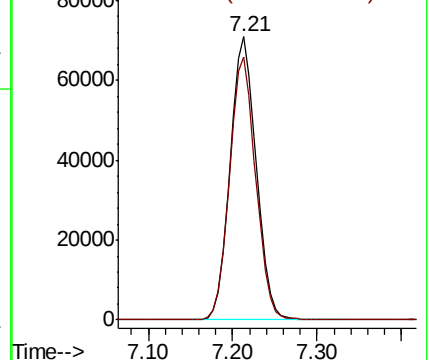
Ion Ratio Lower Upper

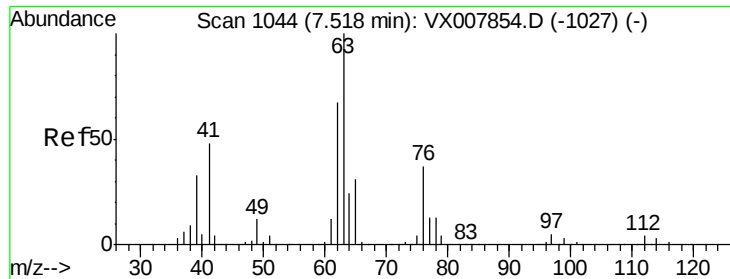
130 100

95 93.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.681 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

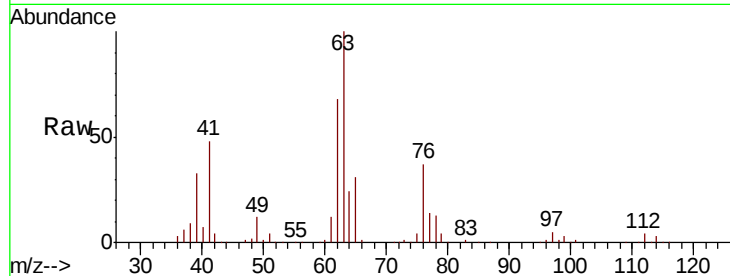
RE123D1-20190306MS

Tgt Ion: 63 Resp: 119043

Ion Ratio Lower Upper

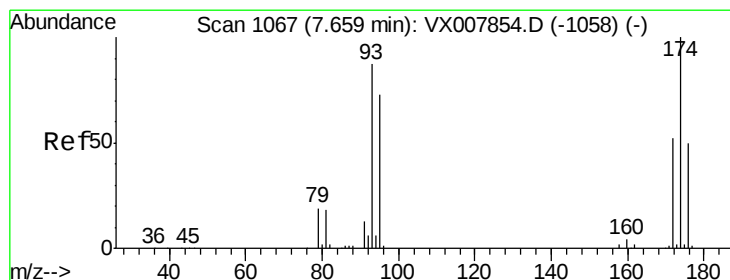
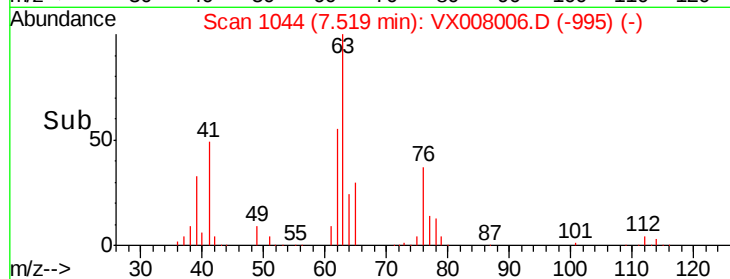
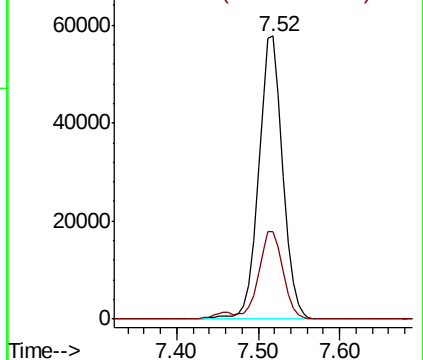
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.110 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

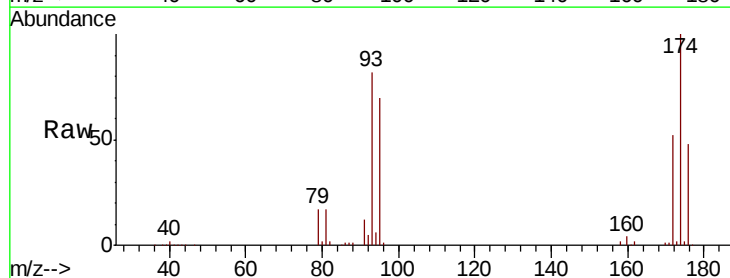
Tgt Ion: 93 Resp: 74470

Ion Ratio Lower Upper

93 100

95 85.4 66.8 100.2

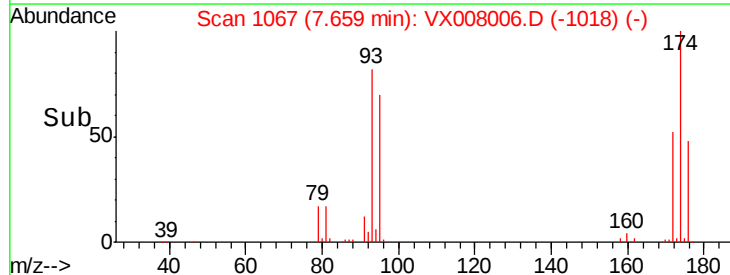
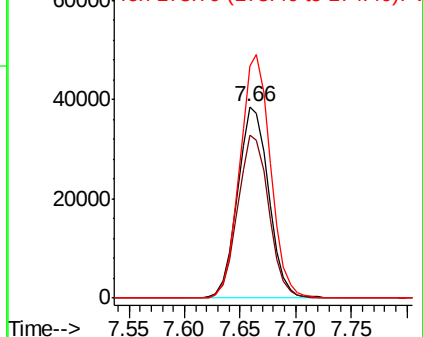
174 126.1 97.3 145.9

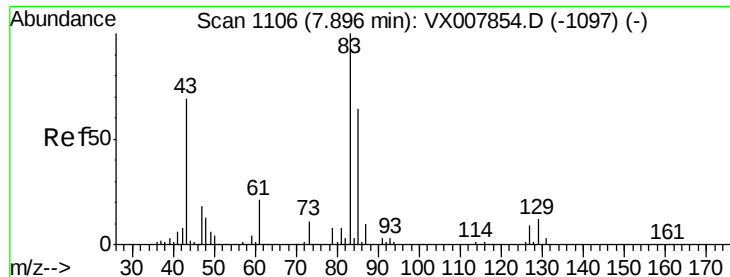


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.710 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

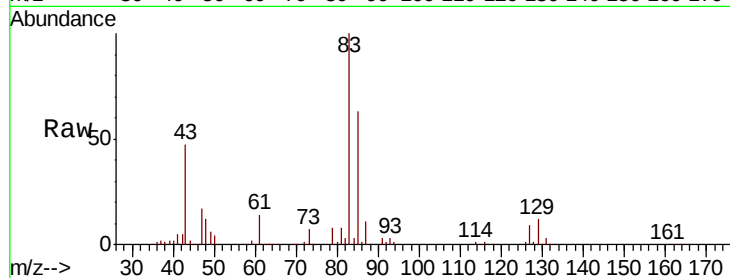
Tgt Ion: 83 Resp: 142916

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3

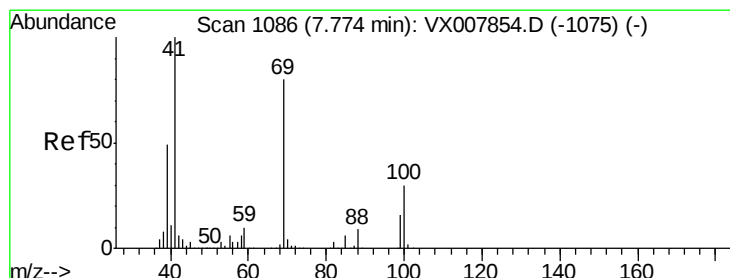
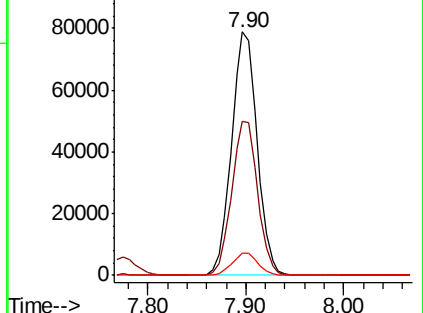
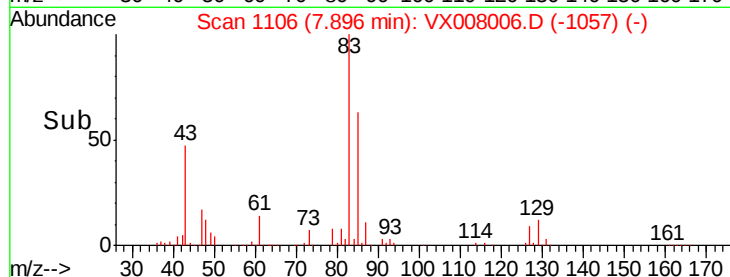
127 9.3 7.4 11.0



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: 50.049 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

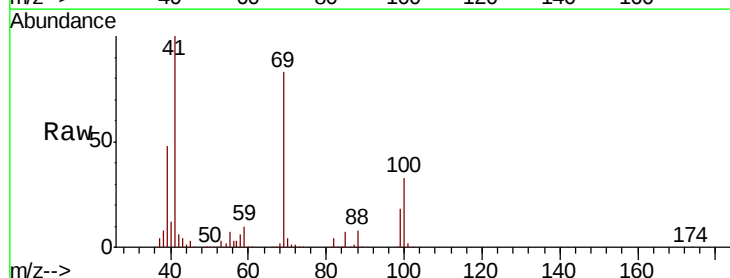
Tgt Ion: 41 Resp: 140829

Ion Ratio Lower Upper

41 100

69 83.5 65.2 97.8

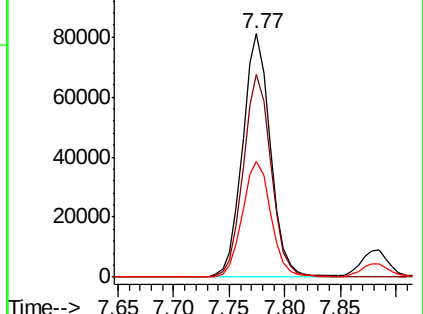
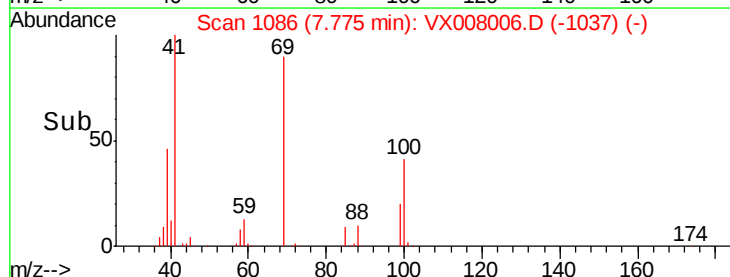
39 49.2 39.4 59.2

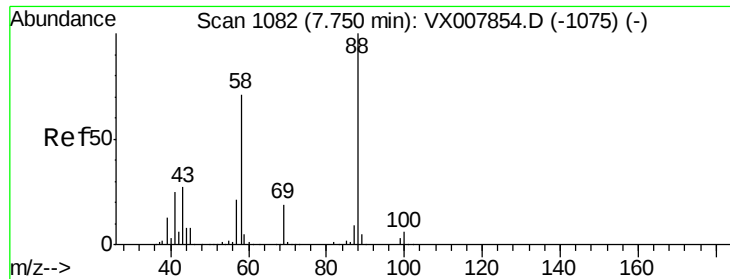


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

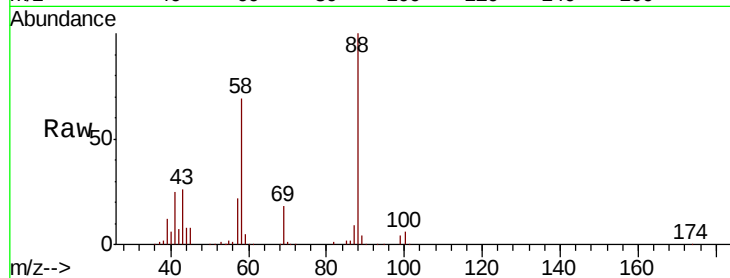




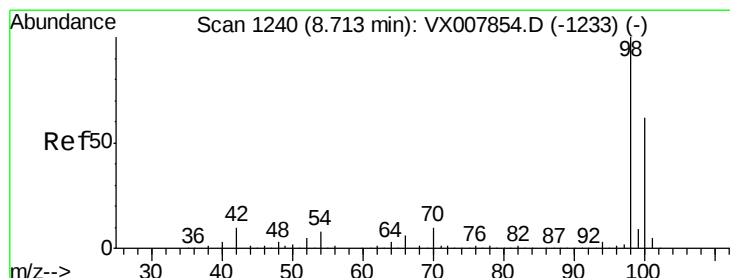
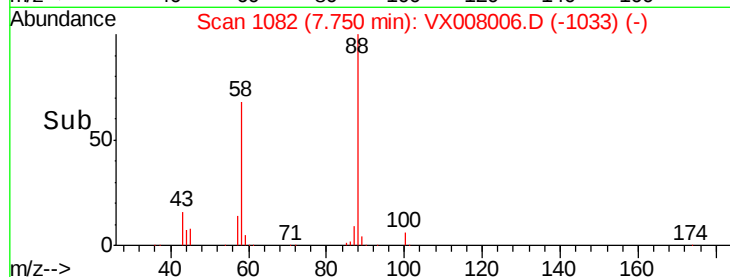
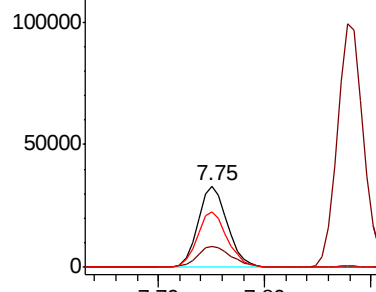
#49
1,4-Dioxane
Concen: 1105.120 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 88 Resp: 63879
Ion Ratio Lower Upper
88 100
43 30.5 25.1 37.7
58 70.1 57.8 86.6

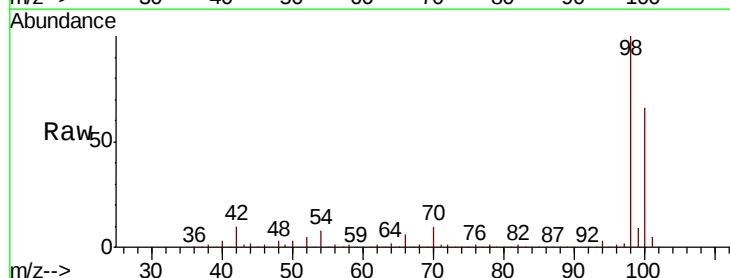


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

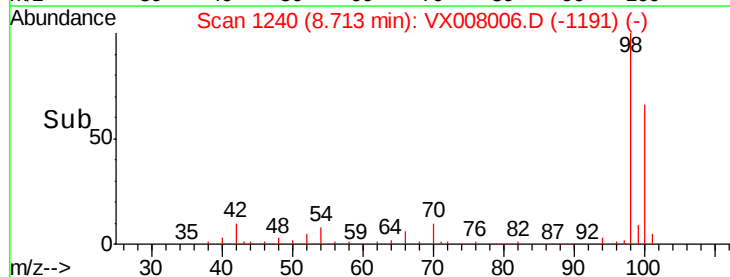
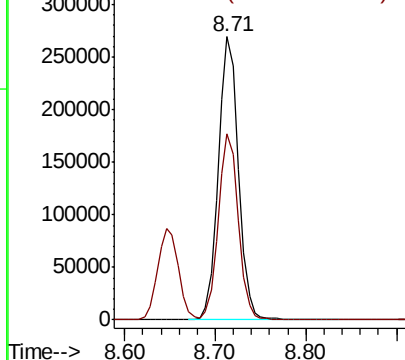


#50
Toluene-d8
Concen: 52.716 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 98 Resp: 416785
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 256.878 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

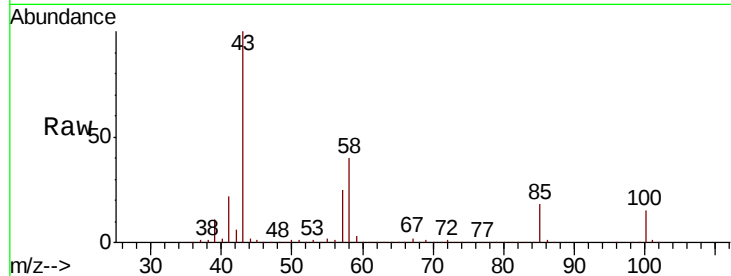
RE123D1-20190306MS

Tgt Ion: 43 Resp: 884141

Ion Ratio Lower Upper

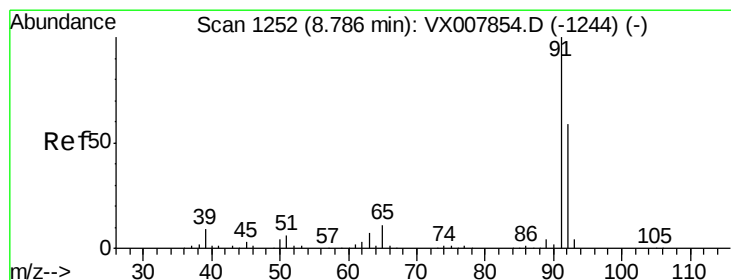
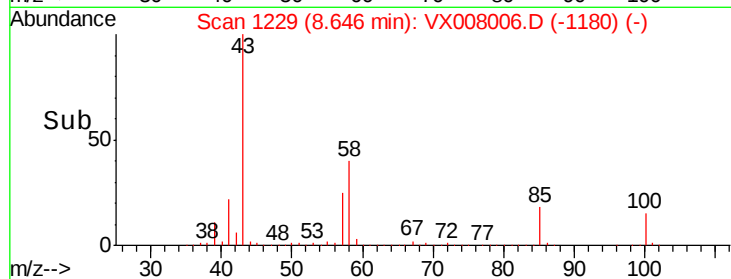
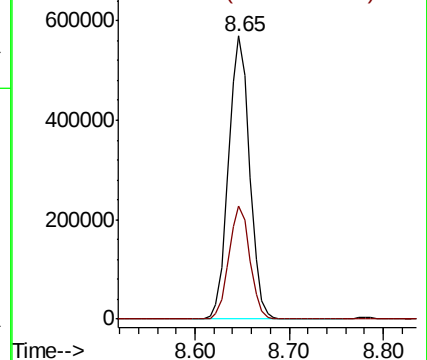
43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.782 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008006.D

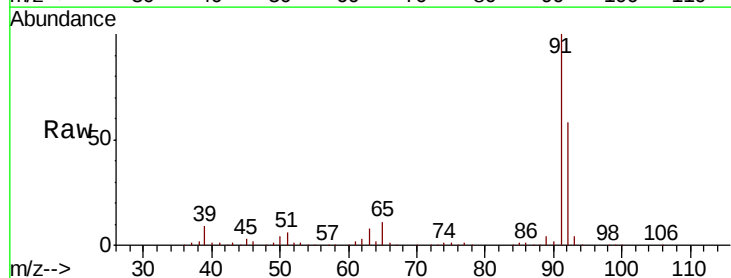
Acq: 12 Mar 2019 10:14

Tgt Ion: 92 Resp: 281272

Ion Ratio Lower Upper

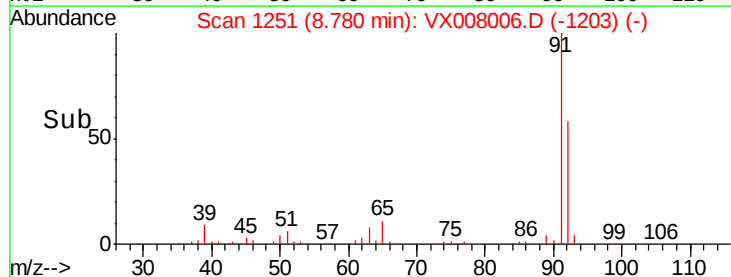
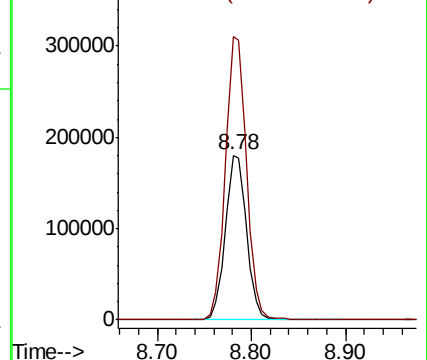
92 100

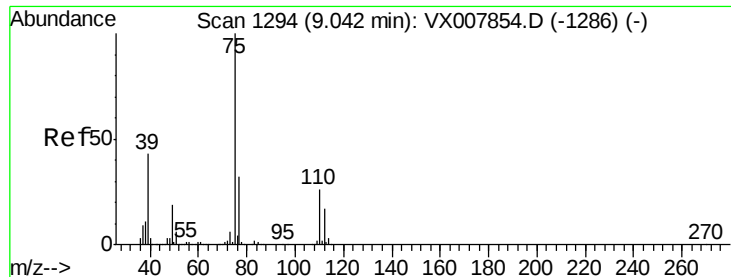
91 171.2 137.4 206.0



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: 48.299 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

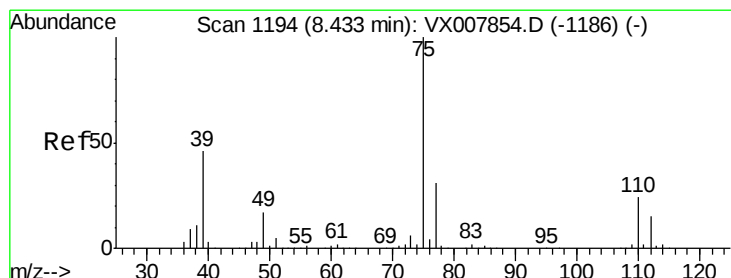
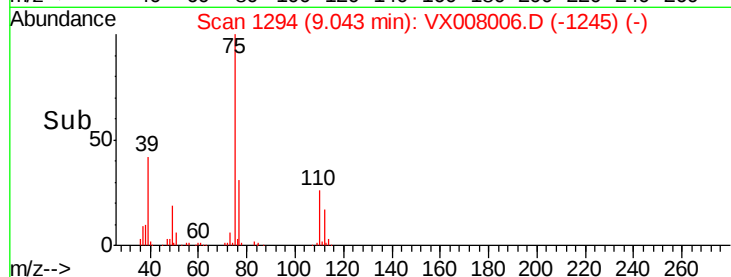
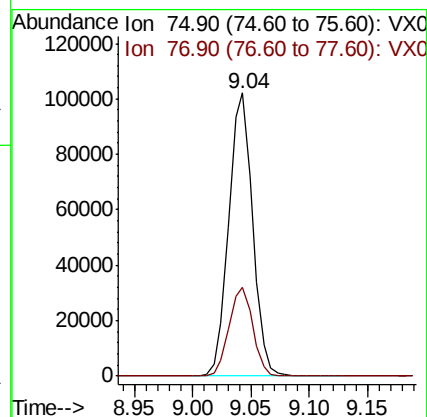
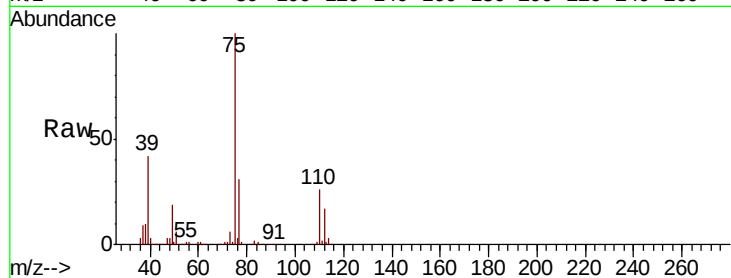
RE123D1-20190306MS

Tgt Ion: 75 Resp: 144934

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 47.395 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

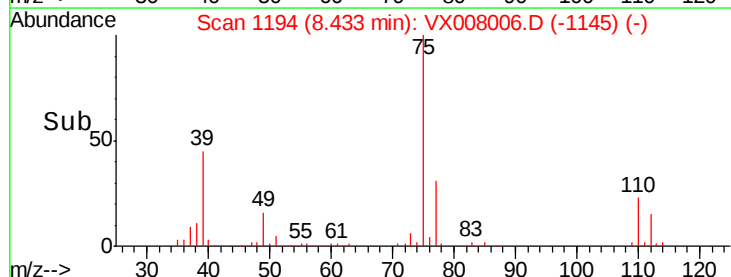
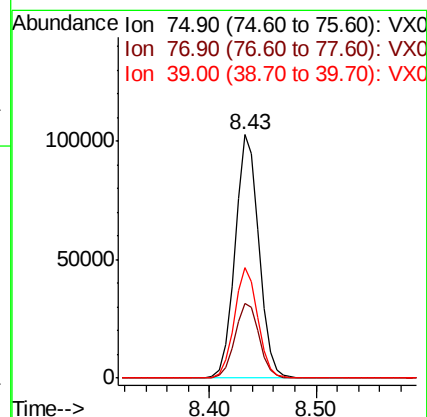
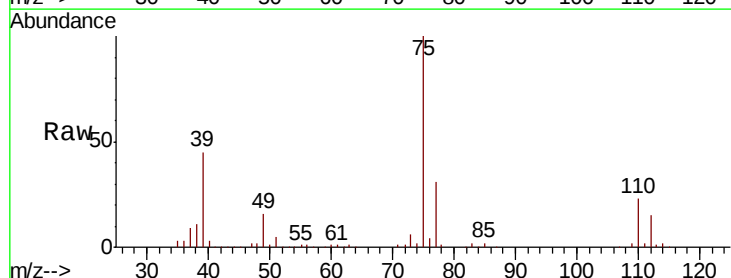
Tgt Ion: 75 Resp: 160604

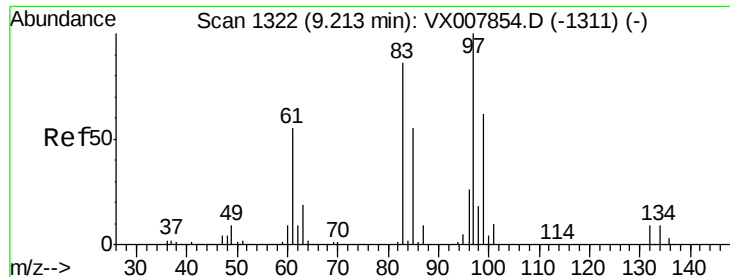
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 45.1 36.6 54.8

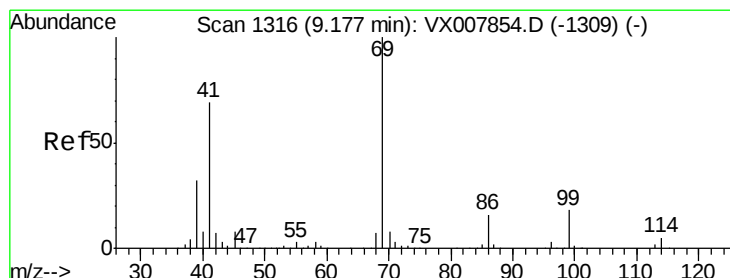
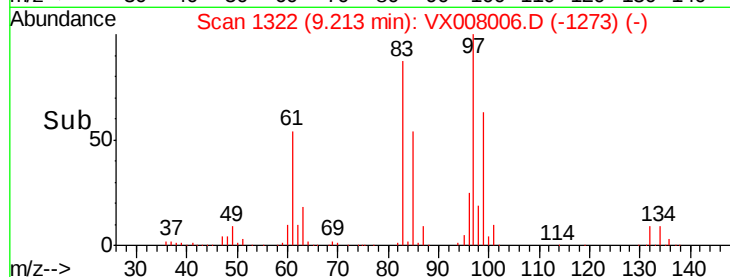
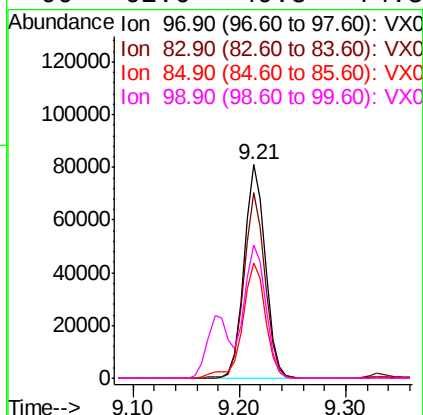
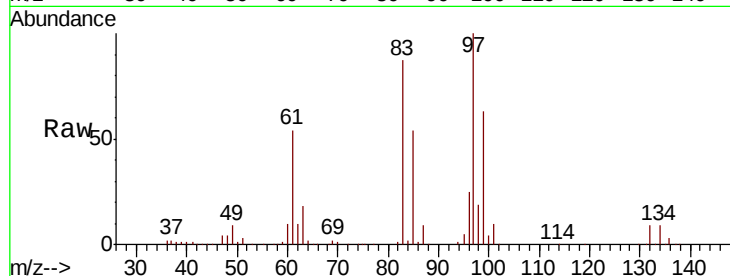




#55
 1,1,2-Trichloroethane
 Concen: 51.026 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

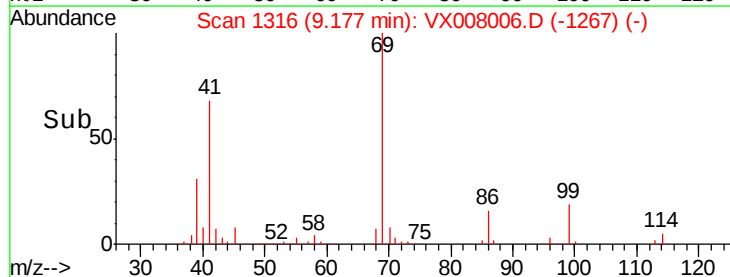
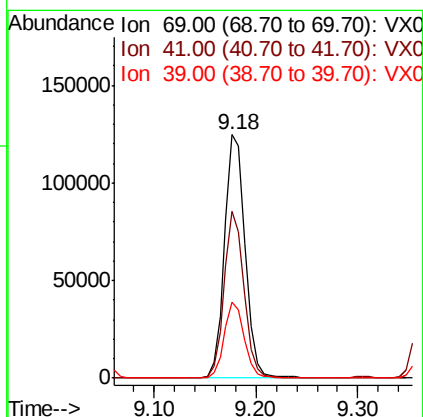
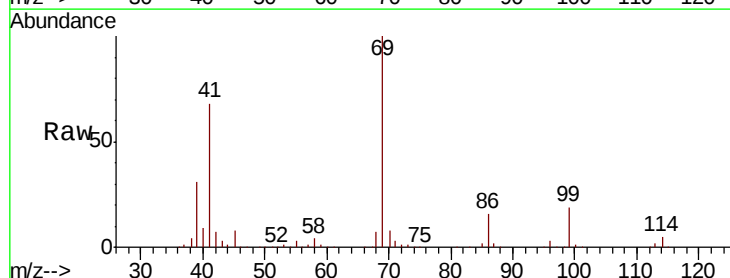
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

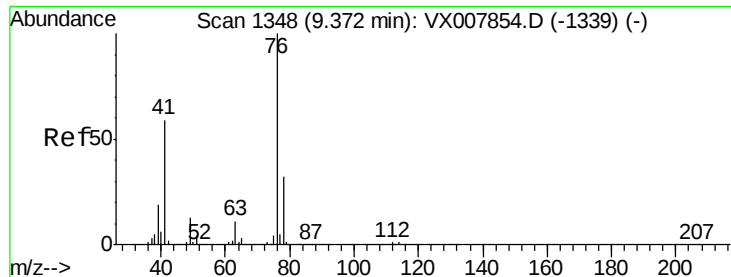
Tgt Ion: 97 Resp: 114409
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.1 103.7
 85 53.8 44.3 66.5
 99 62.6 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 51.879 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 69 Resp: 174649
 Ion Ratio Lower Upper
 69 100
 41 65.9 54.2 81.4
 39 30.5 25.0 37.4





#57

1,3-Dichloropropane

Concen: 51.146 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

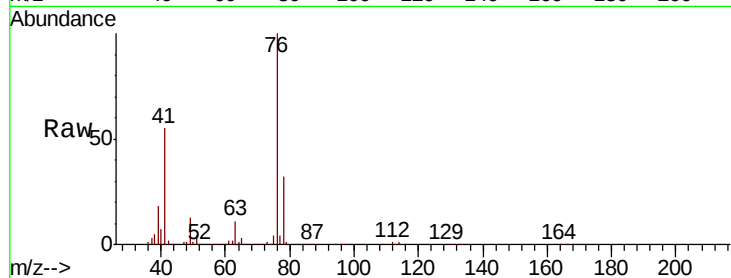
RE123D1-20190306MS

Tgt Ion: 76 Resp: 192550

Ion Ratio Lower Upper

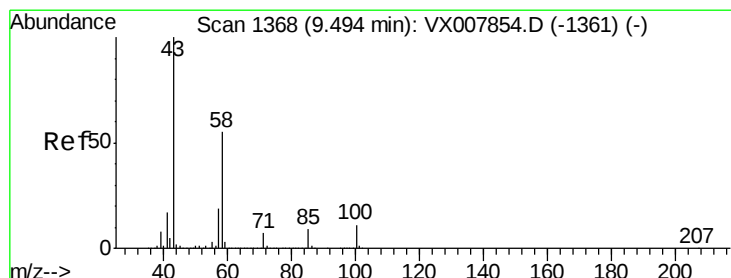
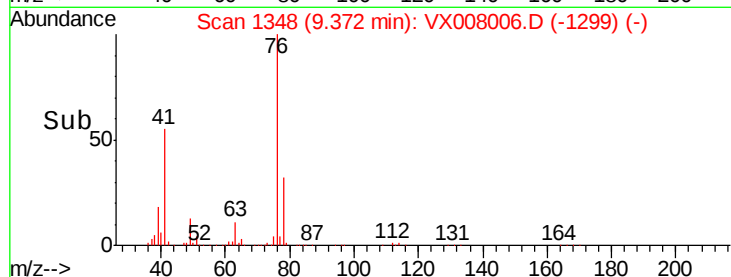
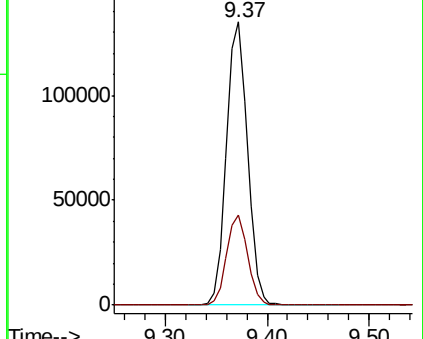
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 249.295 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX008006.D

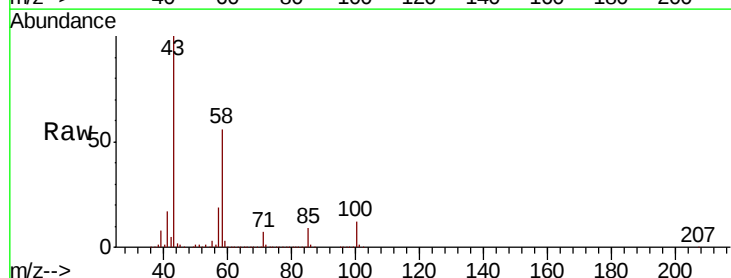
Acq: 12 Mar 2019 10:14

Tgt Ion: 43 Resp: 666167

Ion Ratio Lower Upper

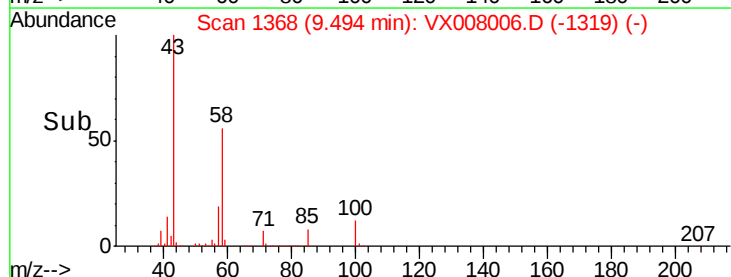
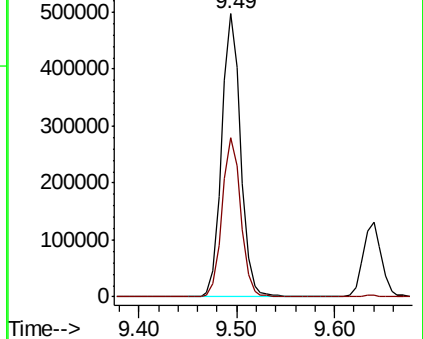
43 100

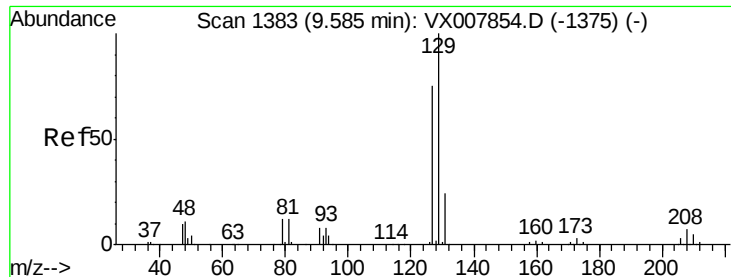
58 56.0 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.696 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

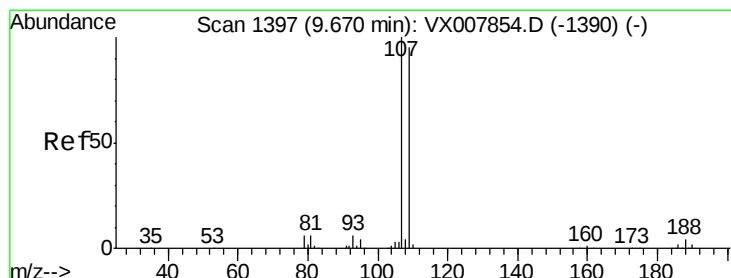
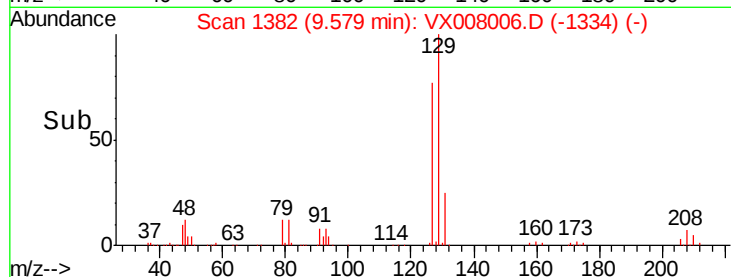
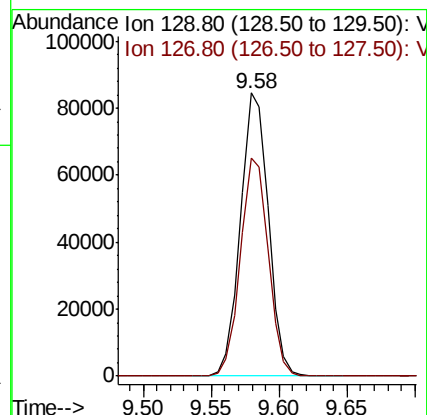
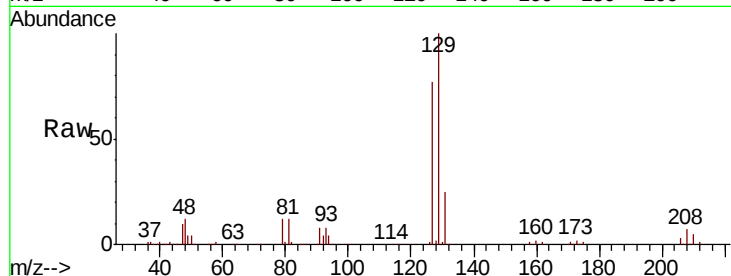
RE123D1-20190306MS

Tgt Ion:129 Resp: 121155

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.8



#61

1,2-Dibromoethane

Concen: 51.553 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008006.D

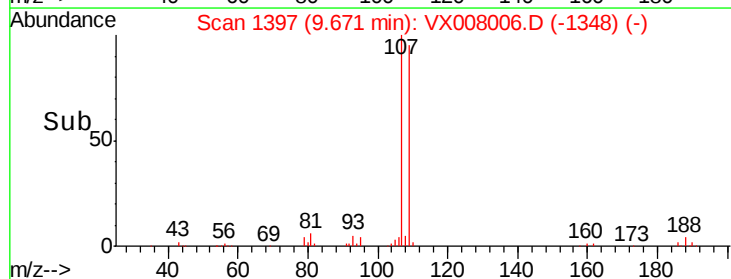
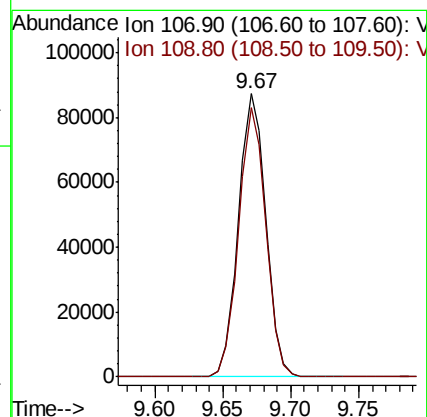
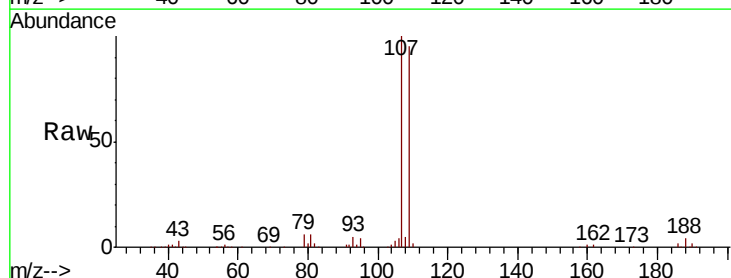
Acq: 12 Mar 2019 10:14

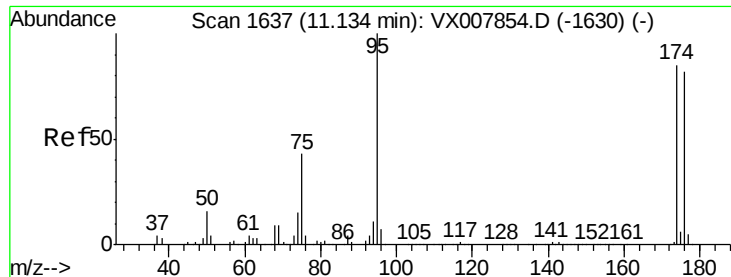
Tgt Ion:107 Resp: 122725

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 53.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

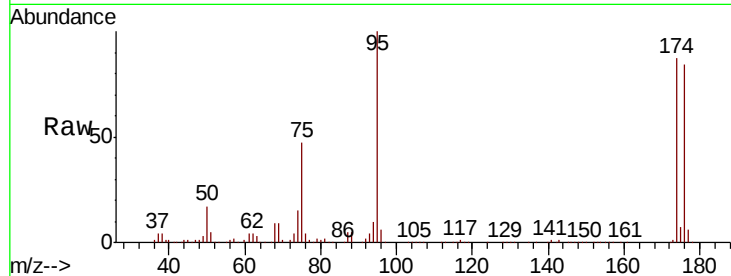
Tgt Ion: 95 Resp: 147106

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.8

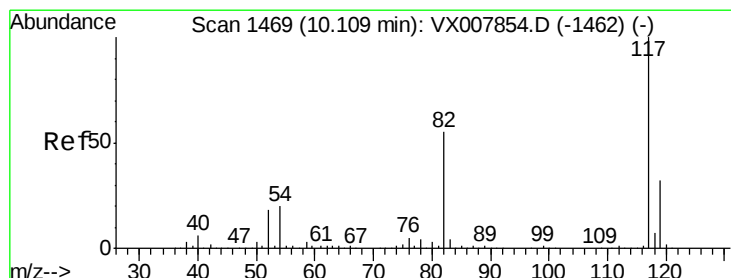
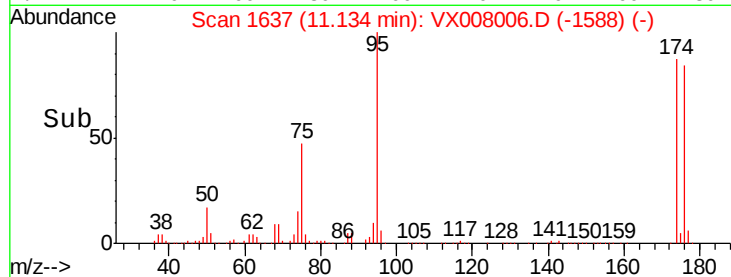
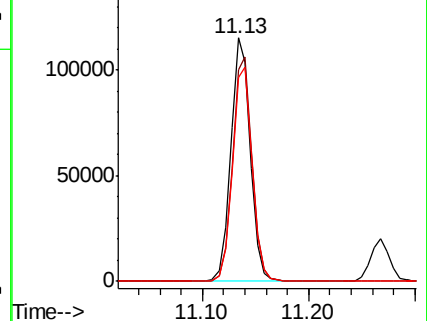
176 89.5 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

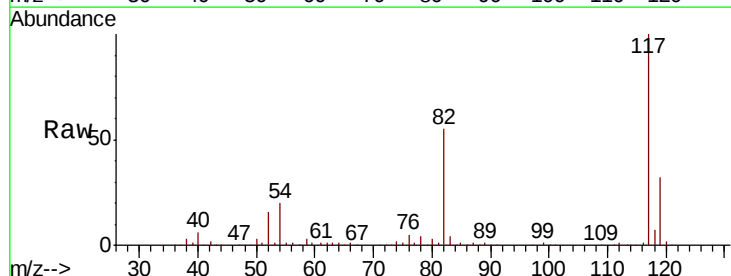
Tgt Ion: 117 Resp: 298723

Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

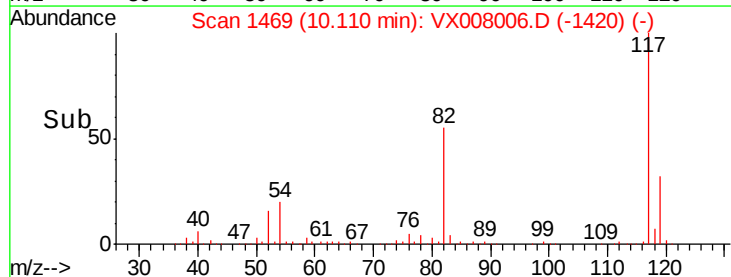
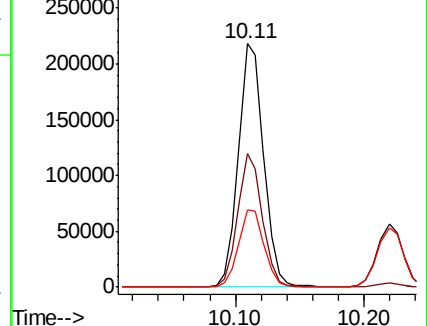
119 31.9 25.3 37.9

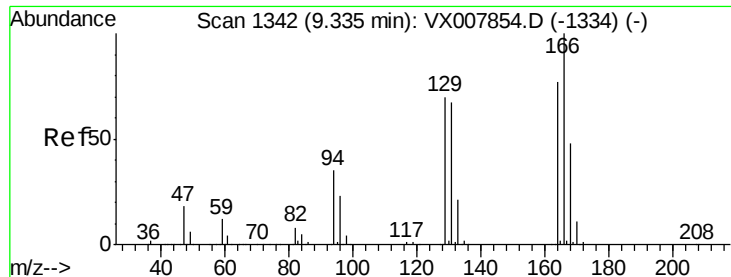


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#64

Tetrachloroethene

Concen: 48.958 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

Tgt Ion:164 Resp: 121195

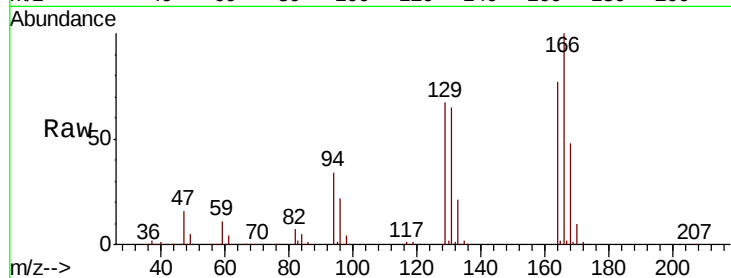
Ion Ratio Lower Upper

164 100

166 130.7 103.4 155.0

129 87.3 72.2 108.4

131 85.0 69.4 104.2

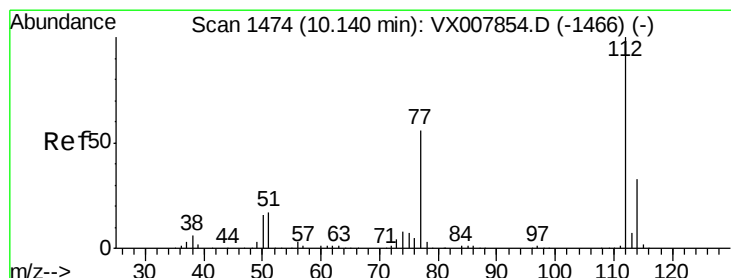
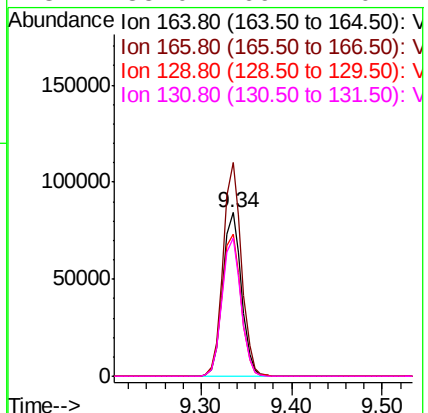
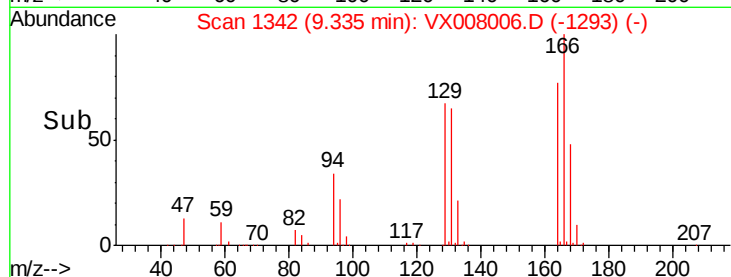


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.286 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008006.D

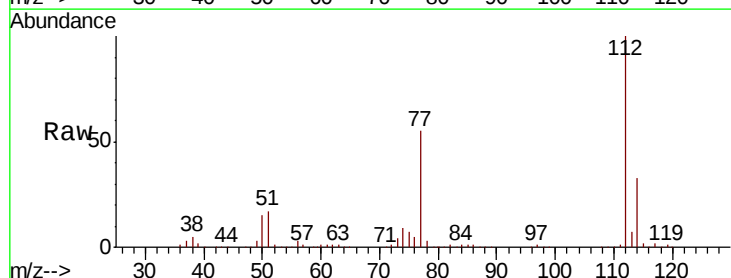
Acq: 12 Mar 2019 10:14

Tgt Ion:112 Resp: 308088

Ion Ratio Lower Upper

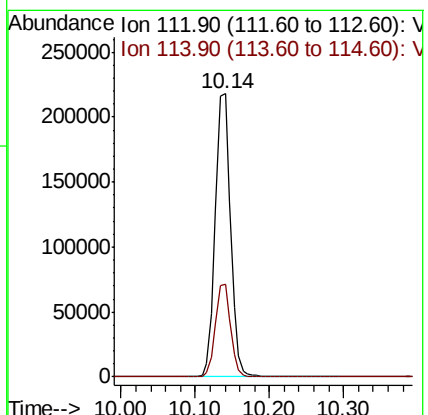
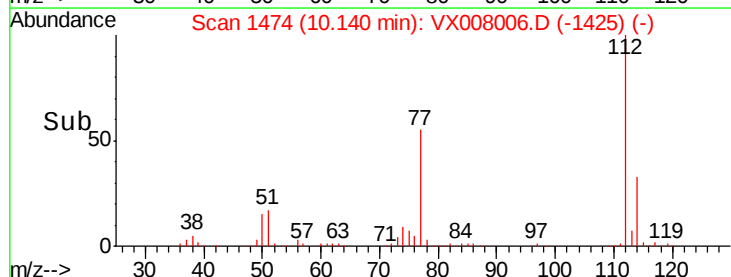
112 100

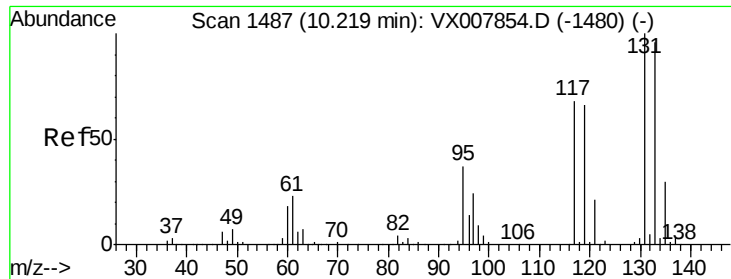
114 32.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.447 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

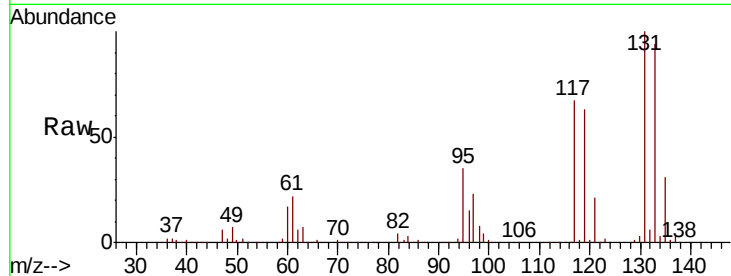
Tgt Ion: 131 Resp: 115260

Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

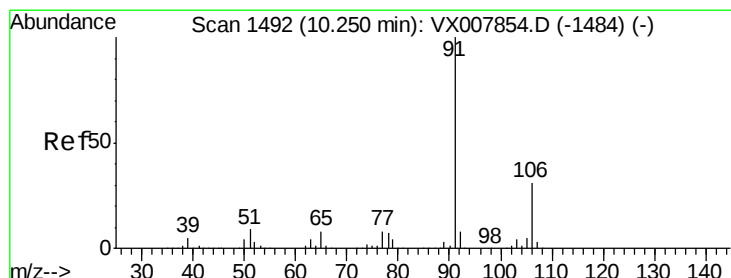
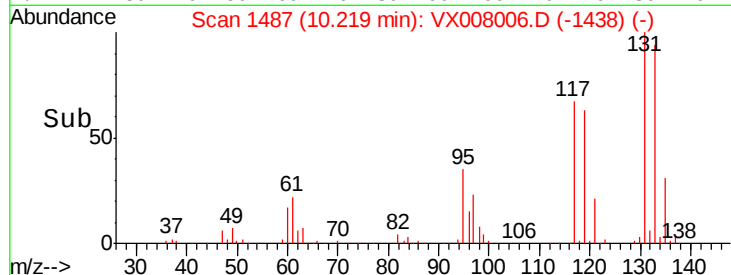
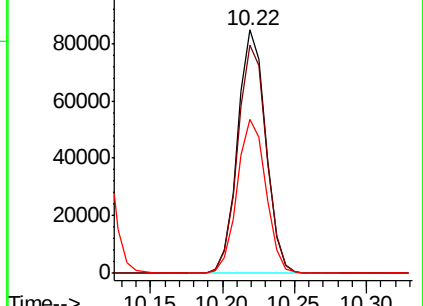
119 64.5 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.523 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008006.D

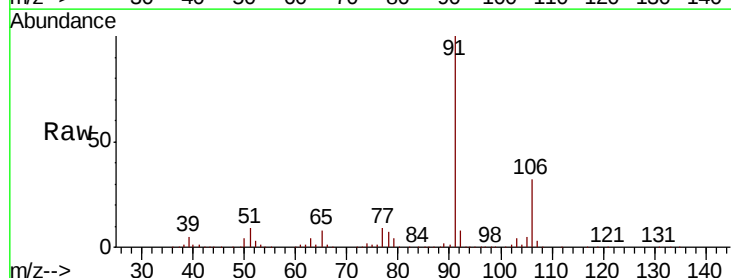
Acq: 12 Mar 2019 10:14

Tgt Ion: 91 Resp: 519869

Ion Ratio Lower Upper

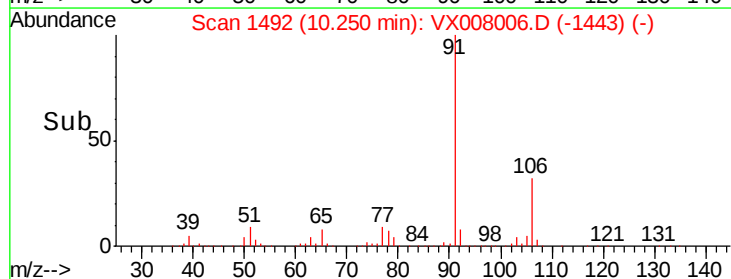
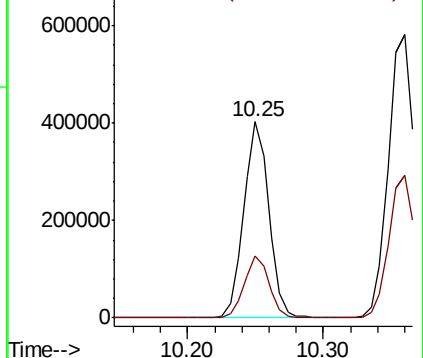
91 100

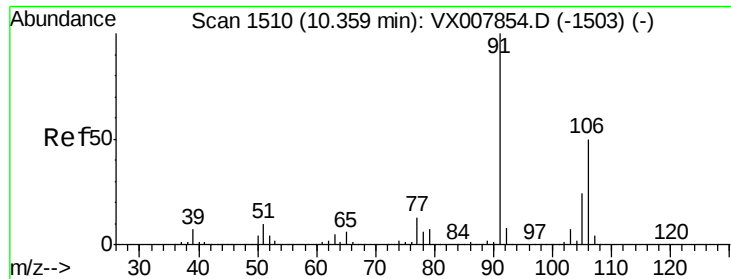
106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

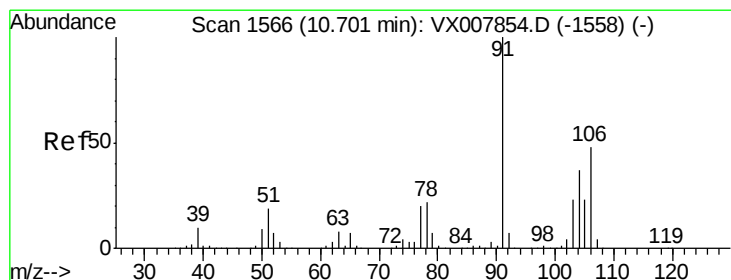
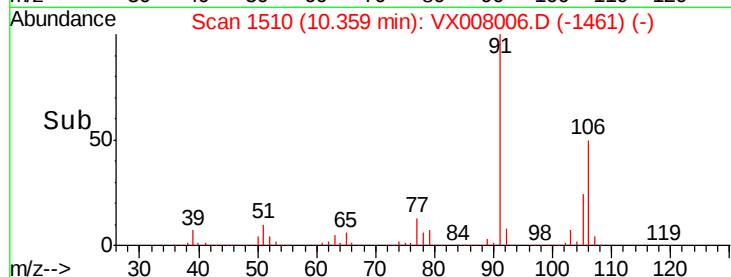
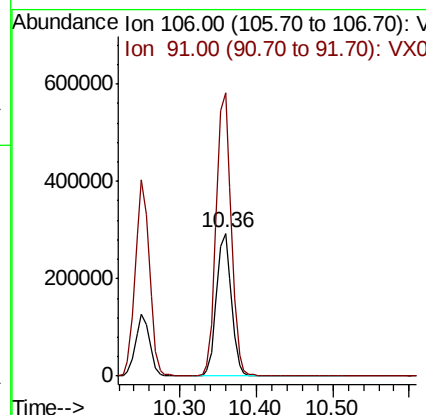
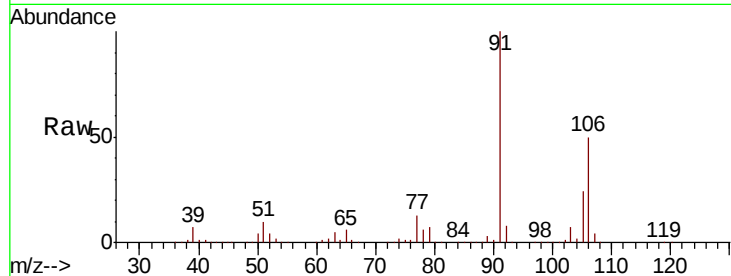




#68
m/p-Xylenes
Concen: 100.377 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

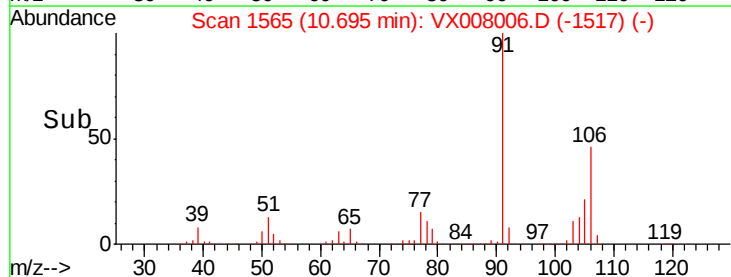
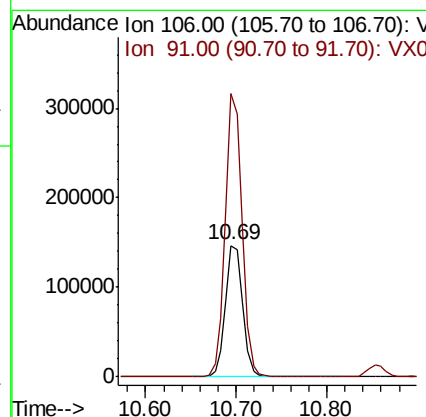
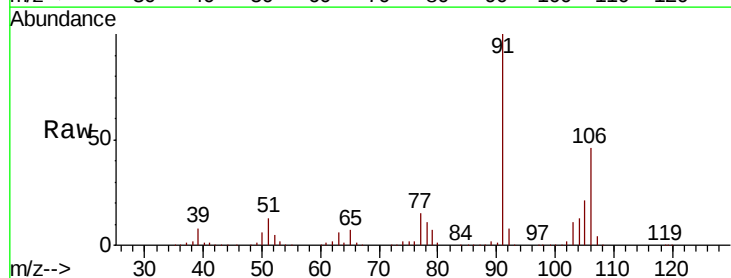
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

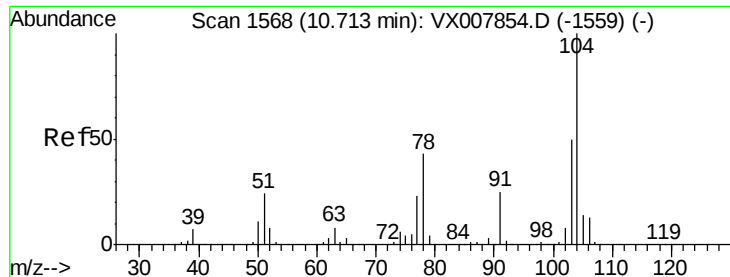
Tgt Ion:106 Resp: 398117
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.6



#69
o-Xylene
Concen: 51.032 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion:106 Resp: 195407
Ion Ratio Lower Upper
106 100
91 210.5 106.3 318.9





#70

Styrene

Concen: 51.234 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

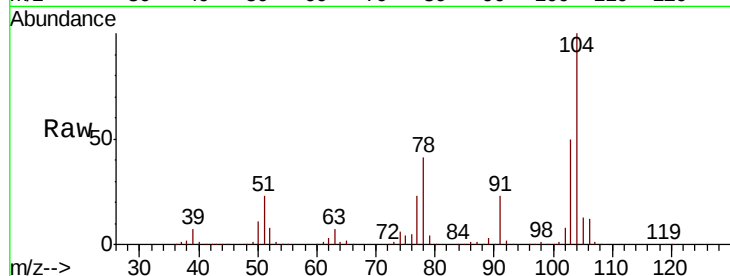
Tgt Ion:104 Resp: 321029

Ion Ratio Lower Upper

104 100

78 48.0 38.5 57.7

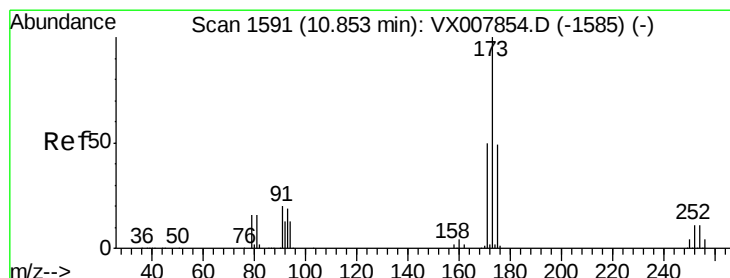
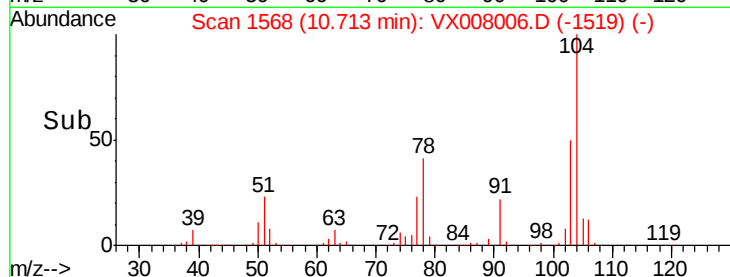
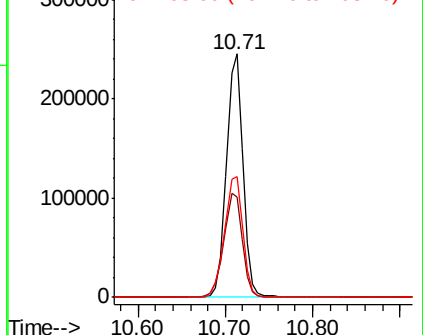
103 55.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.092 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

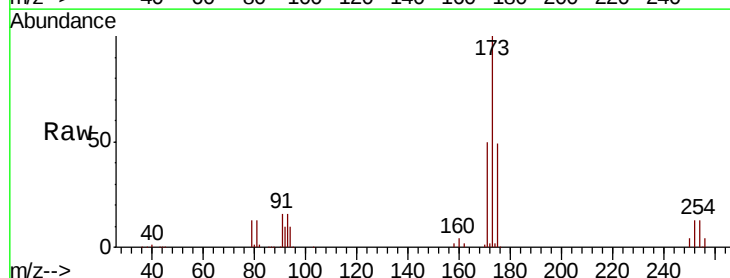
Tgt Ion:173 Resp: 96375

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

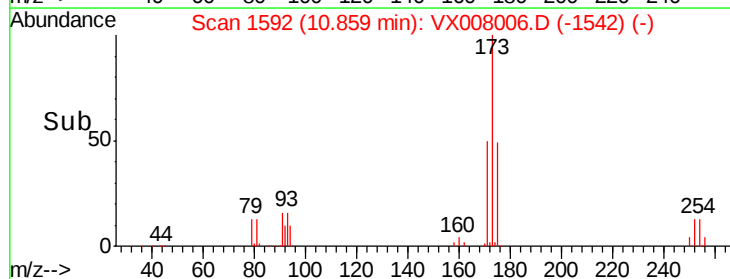
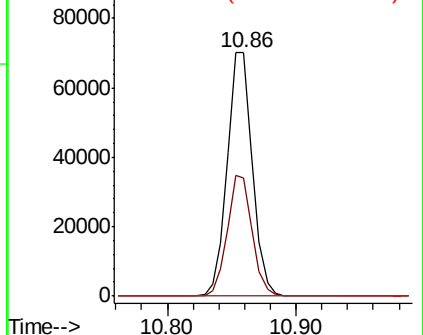
254 0.2 0.1 0.1#

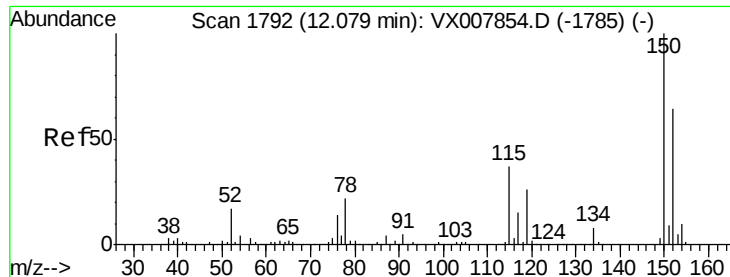


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

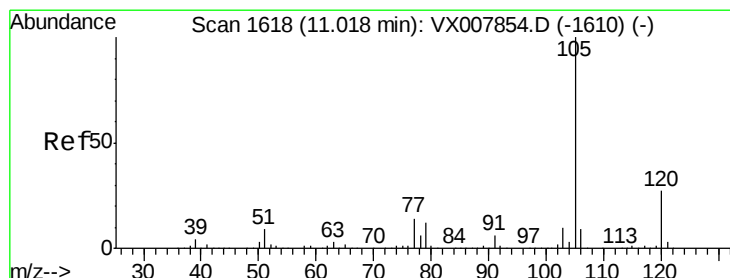
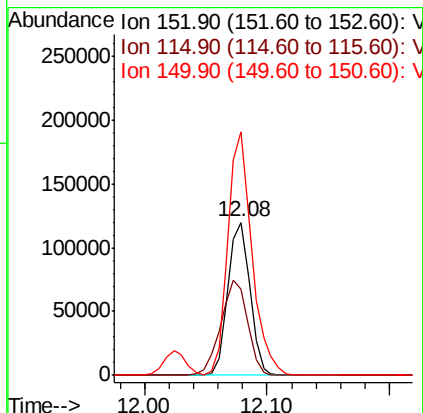
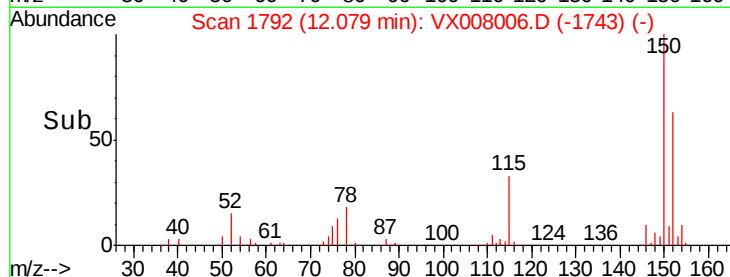
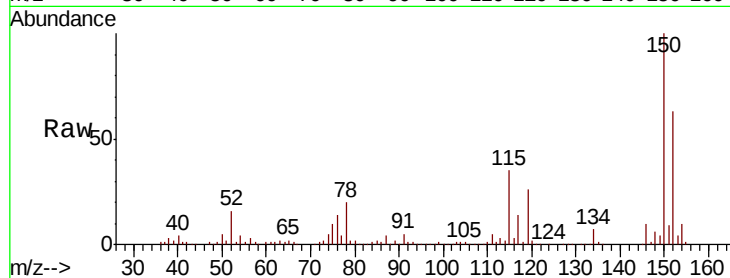
Tgt Ion:152 Resp: 148990

Ion Ratio Lower Upper

152 100

115 75.9 38.6 115.7

150 173.1 0.0 348.4



#73

Isopropylbenzene

Concen: 50.914 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008006.D

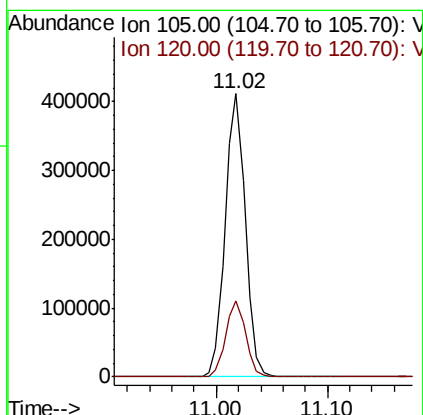
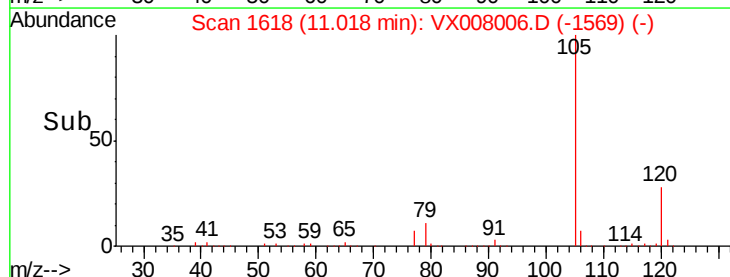
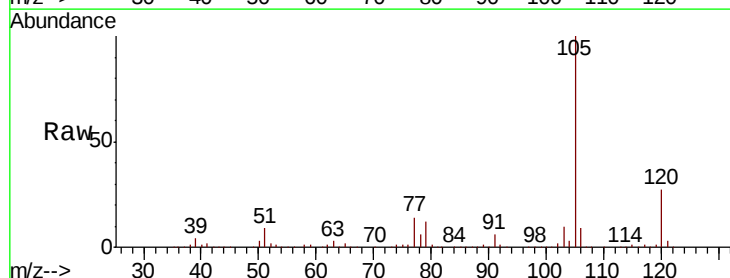
Acq: 12 Mar 2019 10:14

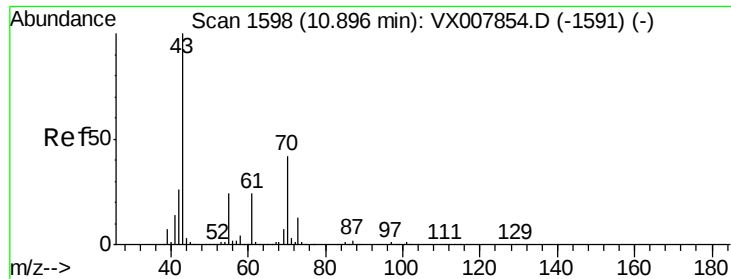
Tgt Ion:105 Resp: 513031

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1





#74

N-ethyl acetate

Concen: 34.981 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

Tgt Ion: 43 Resp: 160916

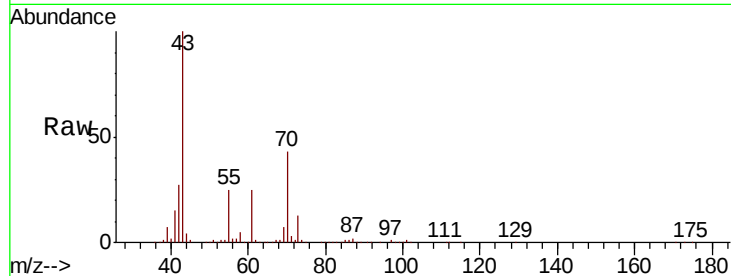
Ion Ratio Lower Upper

43 100

70 43.6 33.5 50.3

55 25.5 19.2 28.8

61 25.0 19.0 28.6

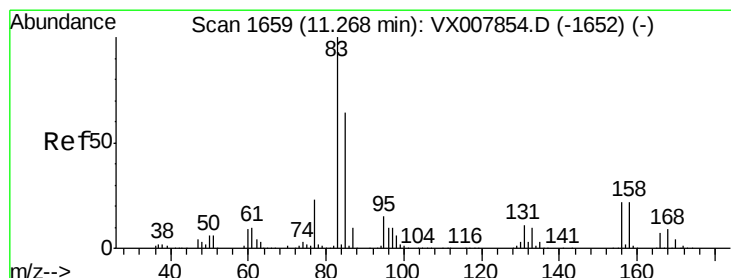
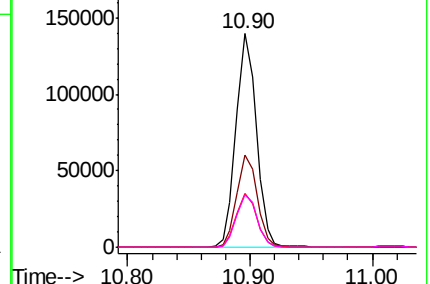
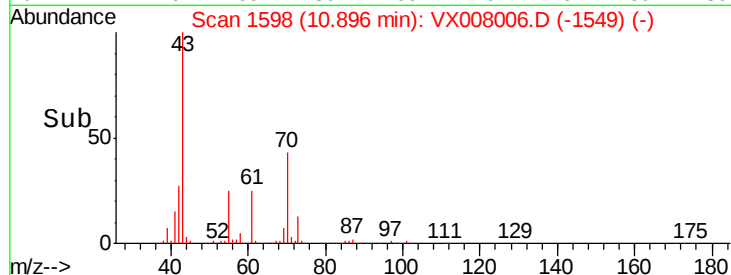


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.131 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

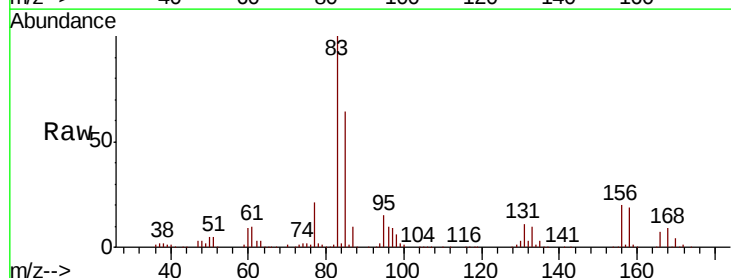
Tgt Ion: 83 Resp: 170768

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

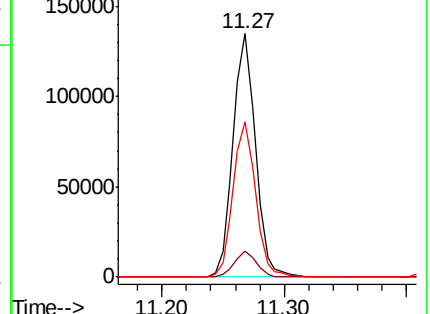
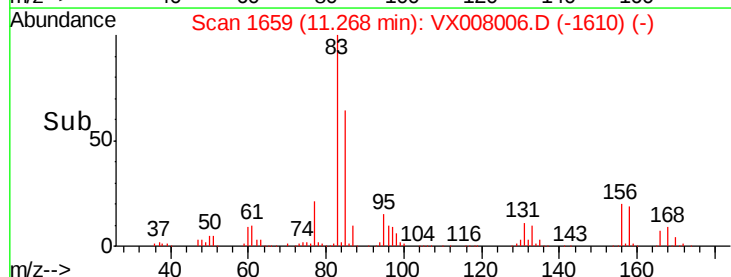
85 63.9 32.3 96.8

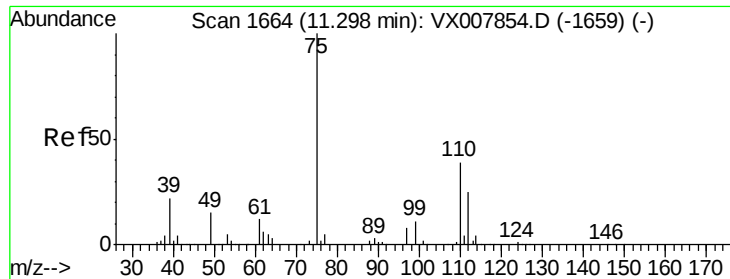


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

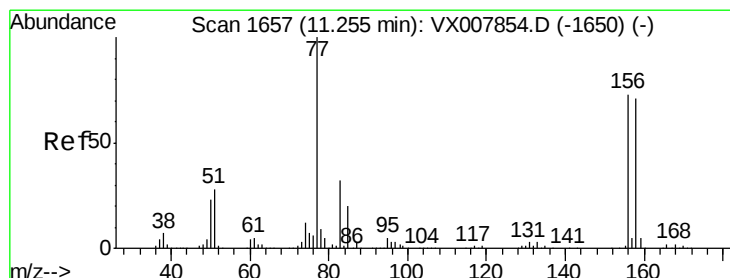
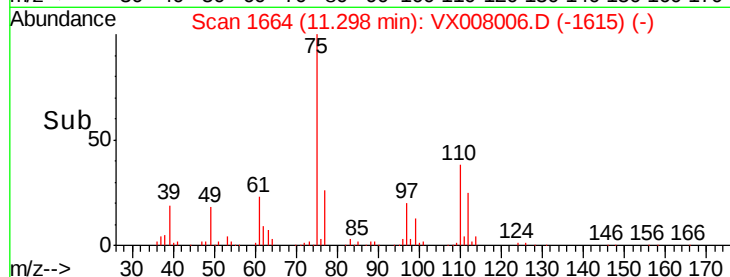
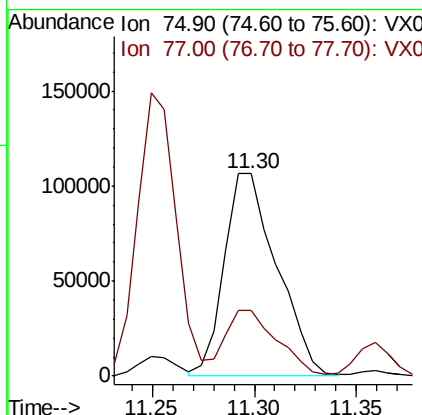
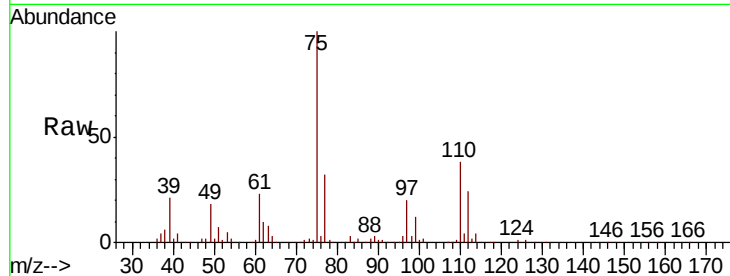




#76
 1,2,3-Trichloropropane
 Concen: 60.887 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

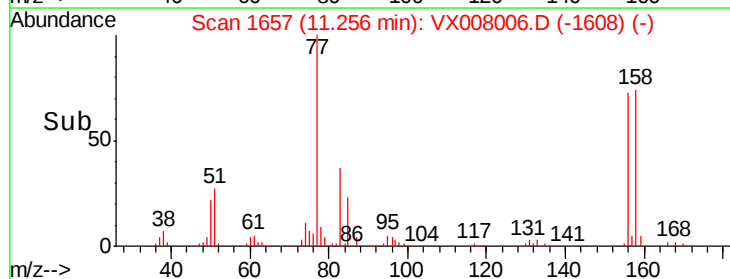
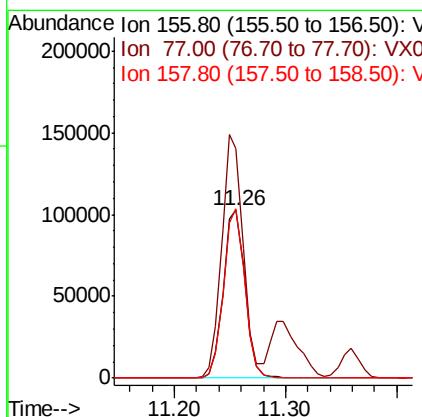
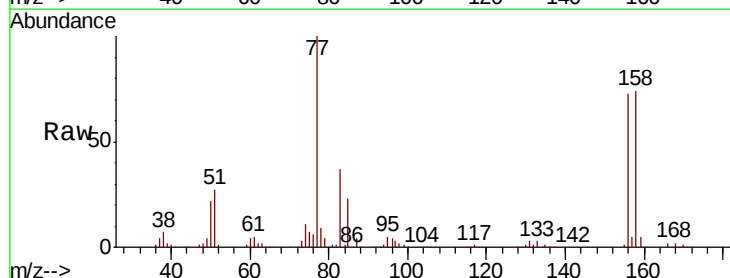
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

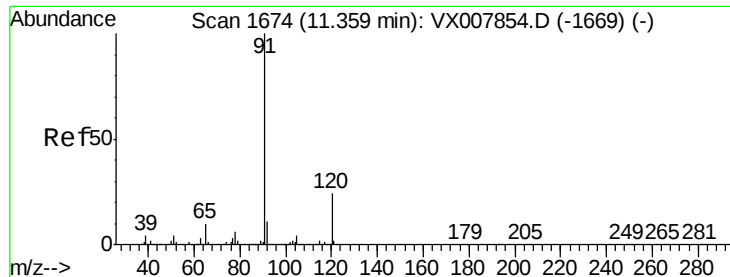
Tgt Ion: 75 Resp: 190360
 Ion Ratio Lower Upper
 75 100
 77 32.7 18.9 56.7



#77
 Bromobenzene
 Concen: 50.147 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 156 Resp: 138537
 Ion Ratio Lower Upper
 156 100
 77 141.3 72.0 215.9
 158 98.4 48.6 145.9





#78

n-propylbenzene

Concen: 50.497 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

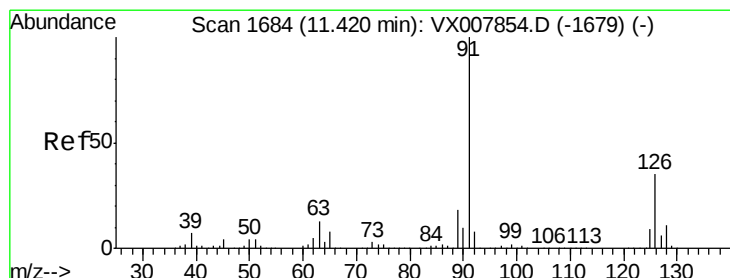
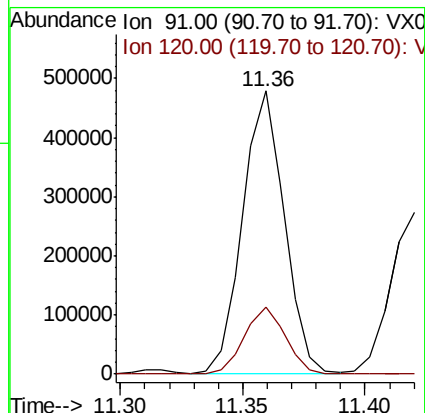
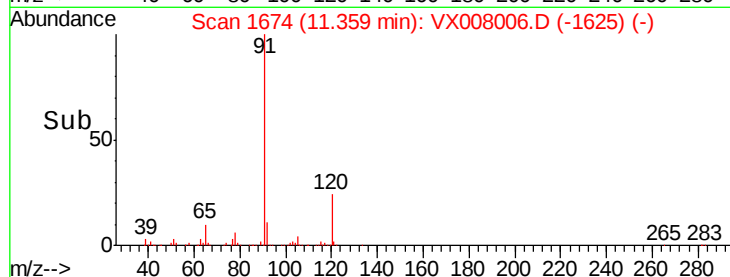
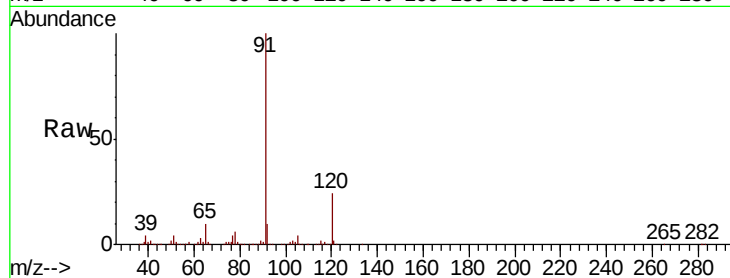
RE123D1-20190306MS

Tgt Ion: 91 Resp: 564487

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.0



#79

2-Chlorotoluene

Concen: 49.518 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008006.D

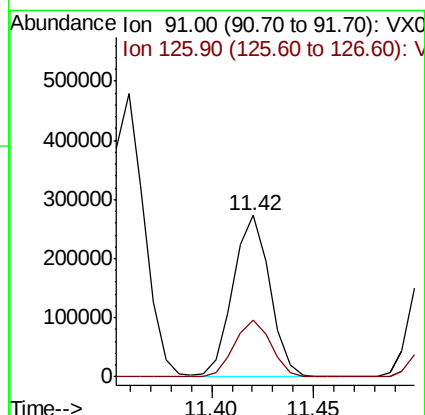
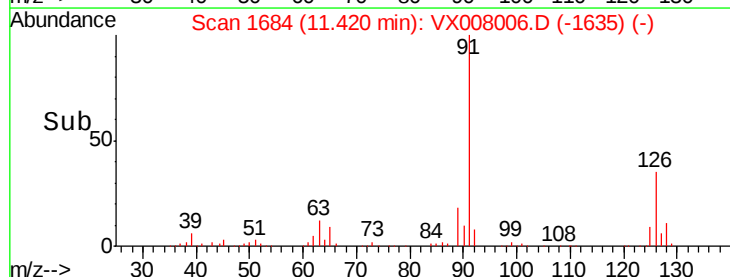
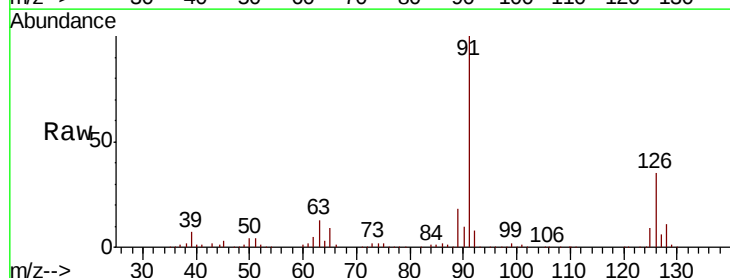
Acq: 12 Mar 2019 10:14

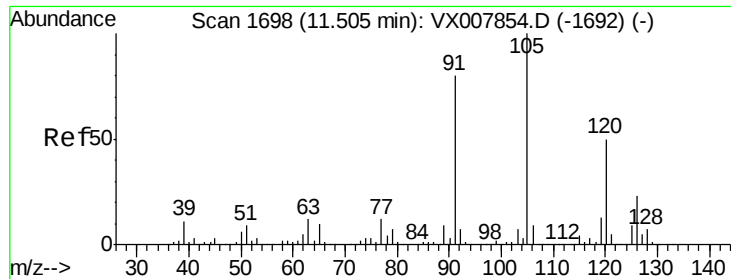
Tgt Ion: 91 Resp: 338450

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.6

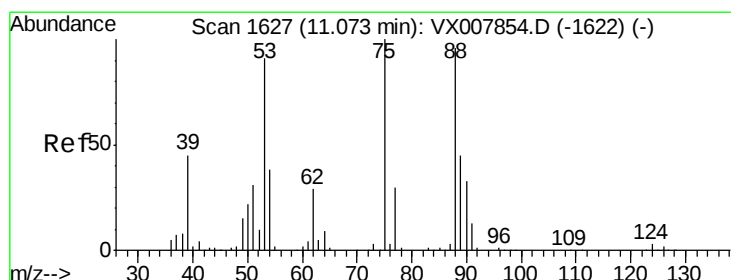
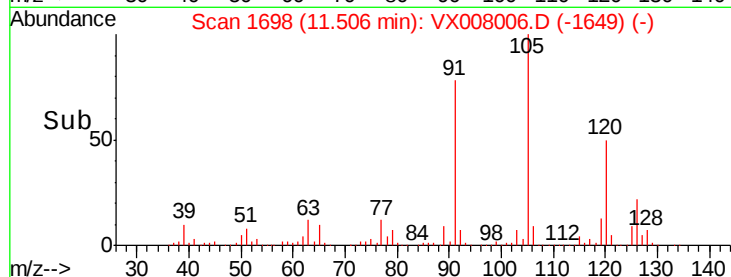
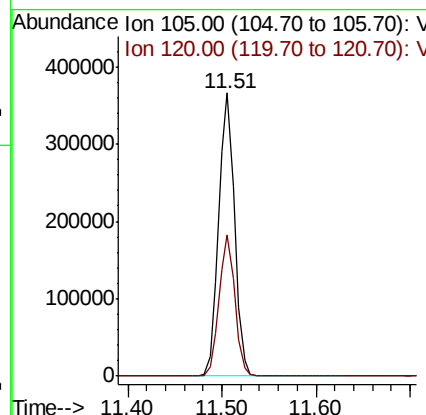
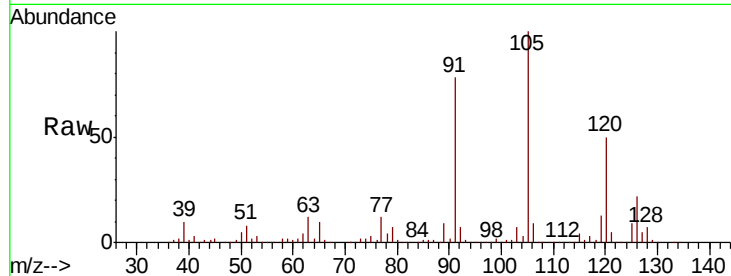




#80
 1,3,5-Trimethylbenzene
 Concen: 51.447 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

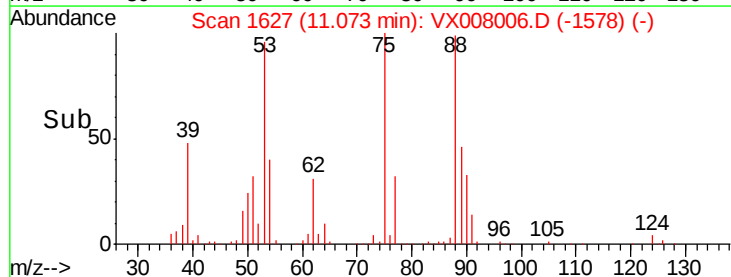
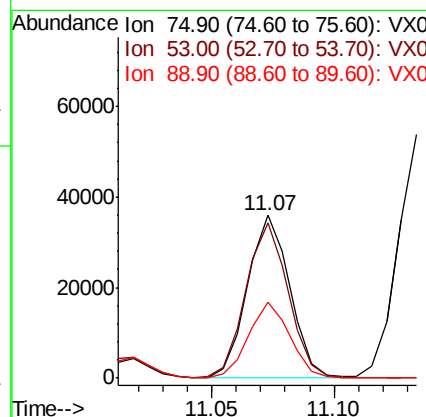
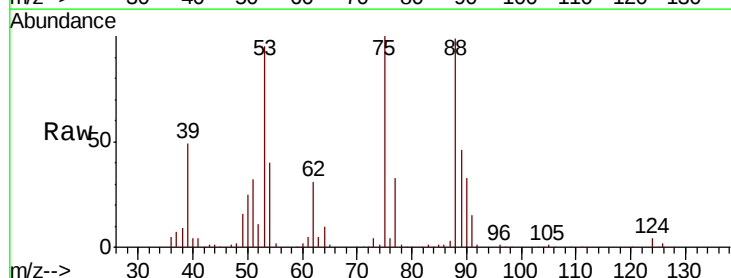
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

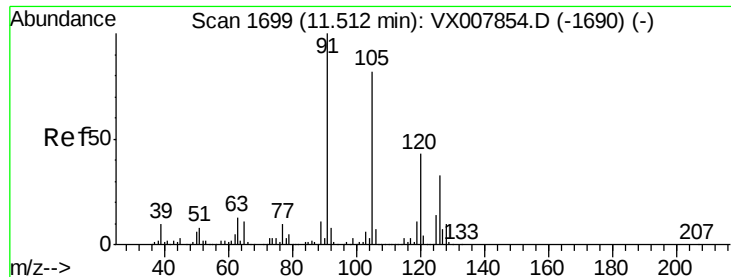
Tgt Ion:105 Resp: 426673
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.101 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 75 Resp: 43134
 Ion Ratio Lower Upper
 75 100
 53 96.6 76.1 114.1
 89 45.7 36.3 54.5

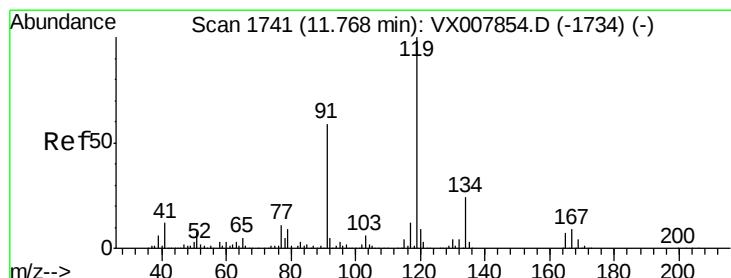
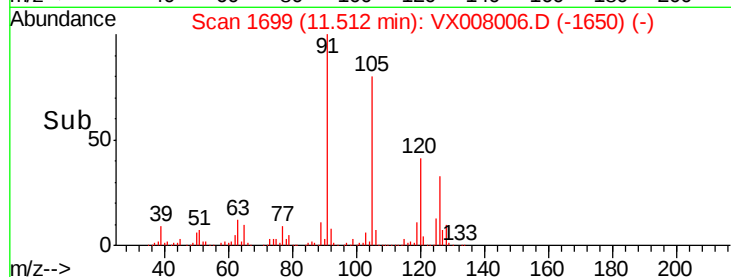
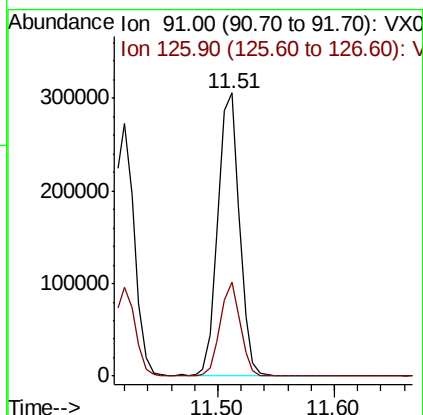
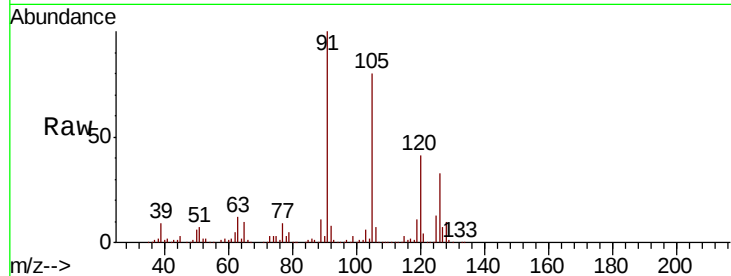




#82
4-Chlorotoluene
Concen: 49.713 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

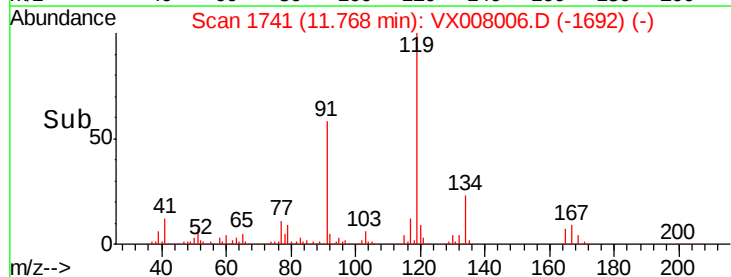
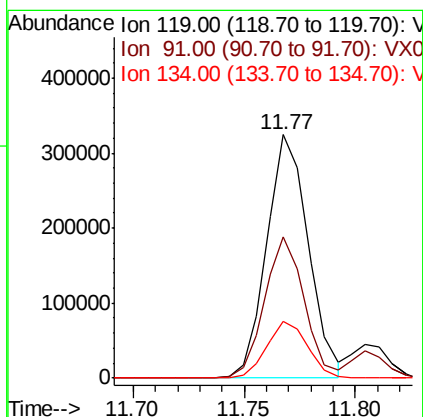
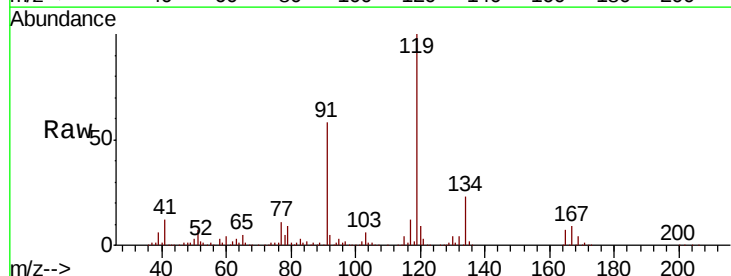
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

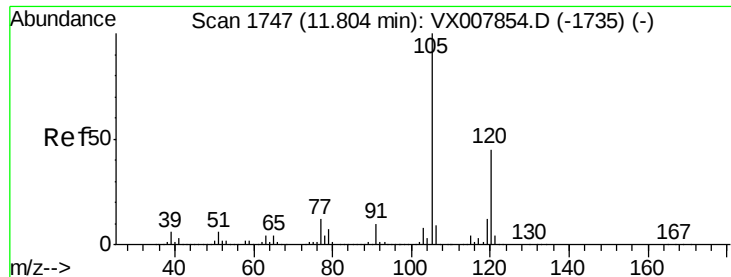
Tgt Ion: 91 Resp: 389392
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8



#83
tert-Butylbenzene
Concen: 50.482 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 119 Resp: 421727
Ion Ratio Lower Upper
119 100
91 55.1 27.1 81.3
134 22.9 11.4 34.1

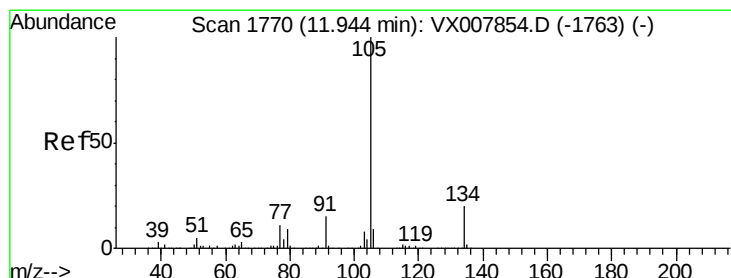
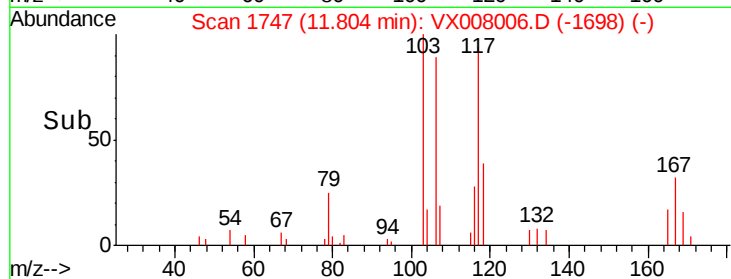
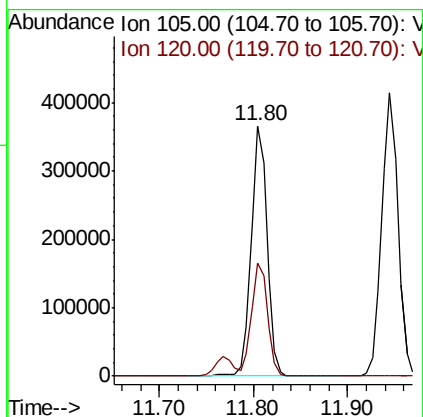
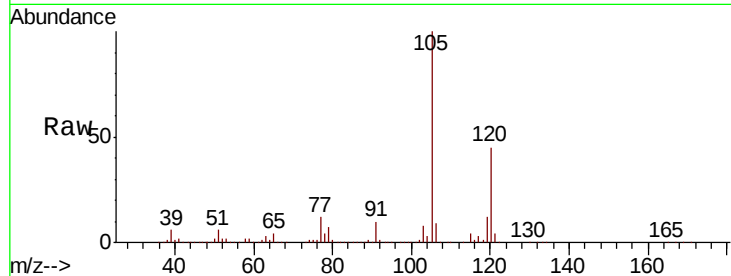




#84
 1,2,4-Trimethylbenzene
 Concen: 51.148 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

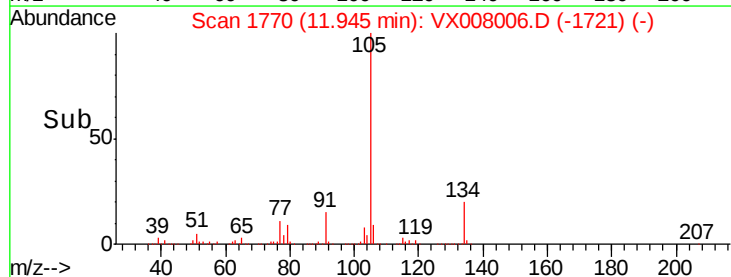
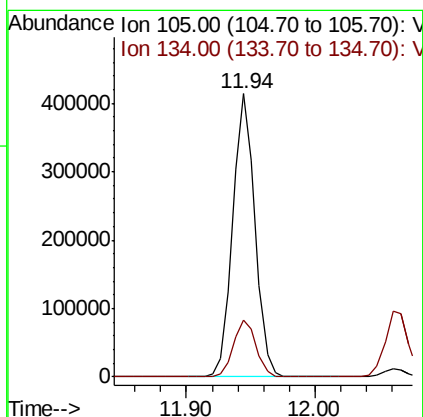
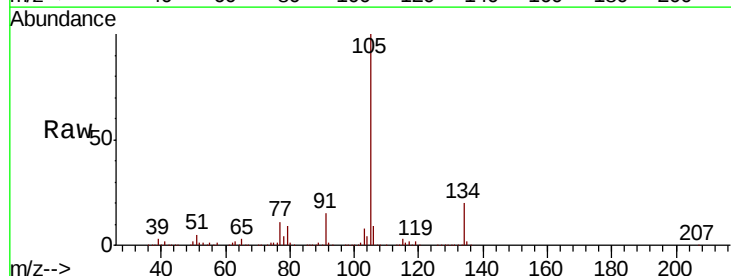
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

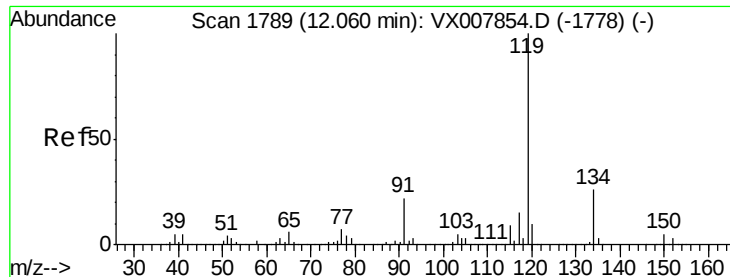
Tgt Ion:105 Resp: 434854
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 50.727 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion:105 Resp: 499101
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2

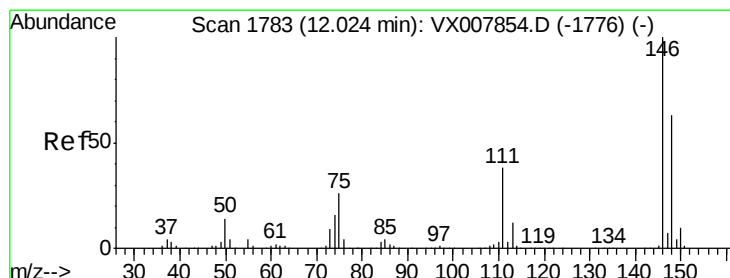
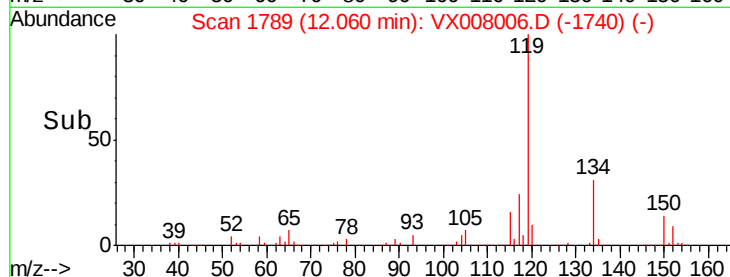
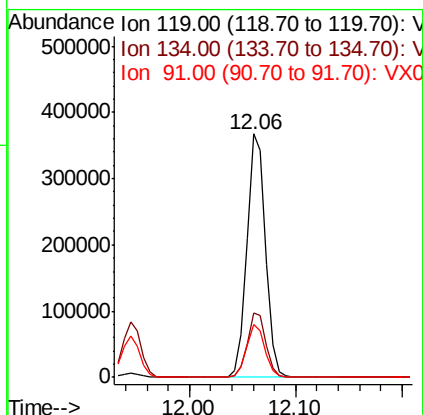
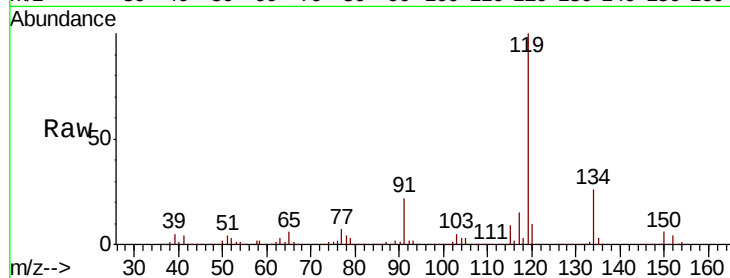




#86
p-Isopropyltoluene
Concen: 50.948 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

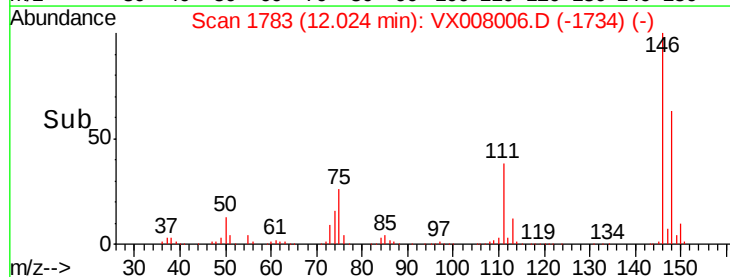
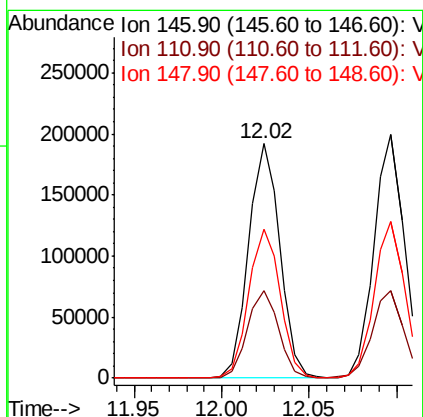
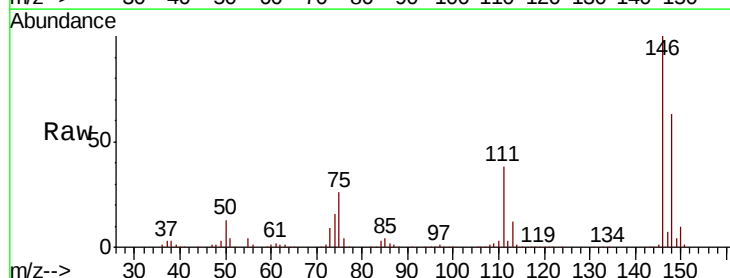
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

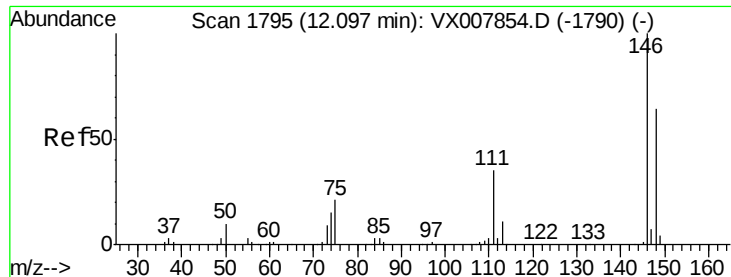
Tgt Ion:119 Resp: 448928
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 21.5 10.9 32.7



#87
1,3-Dichlorobenzene
Concen: 49.176 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion:146 Resp: 240342
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 64.0 31.7 95.1

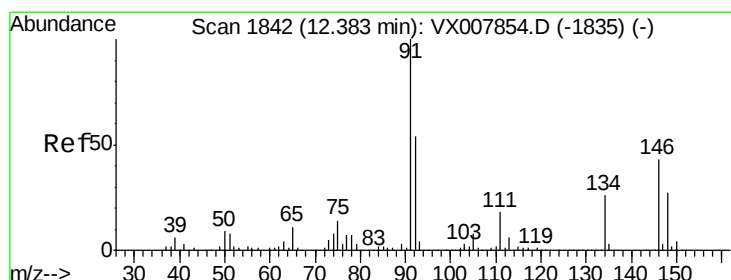
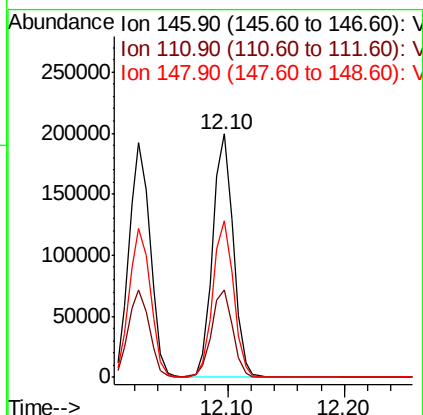
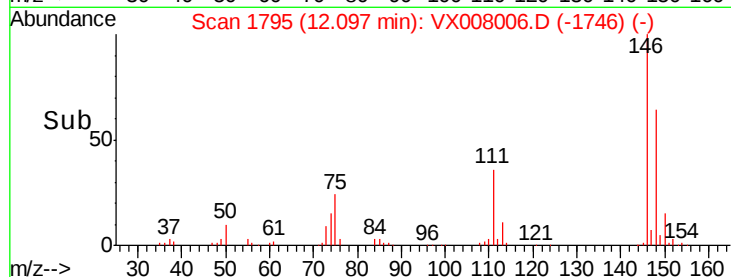
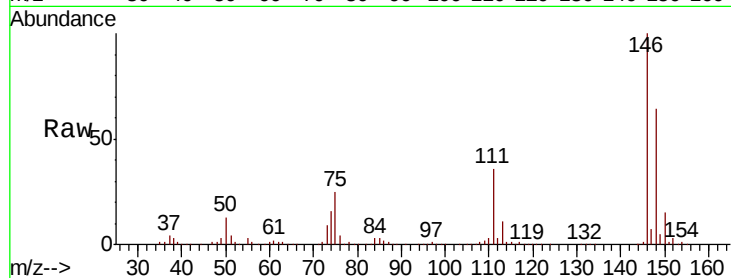




#88
 1,4-Dichlorobenzene
 Concen: 48.051 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

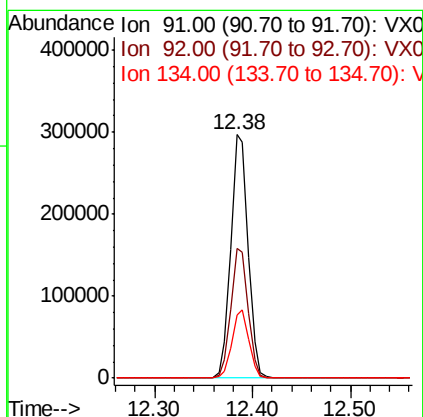
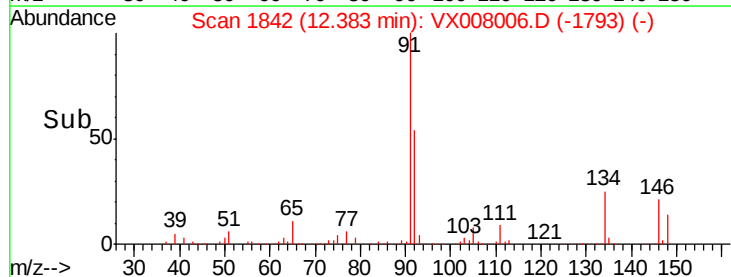
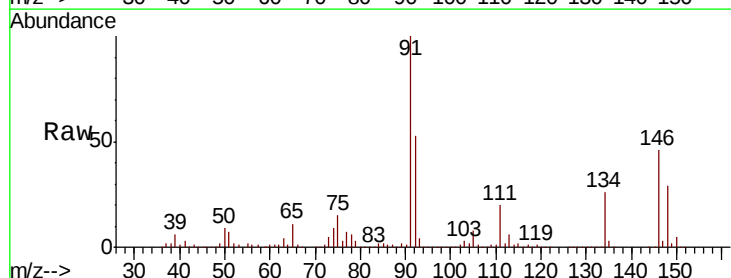
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

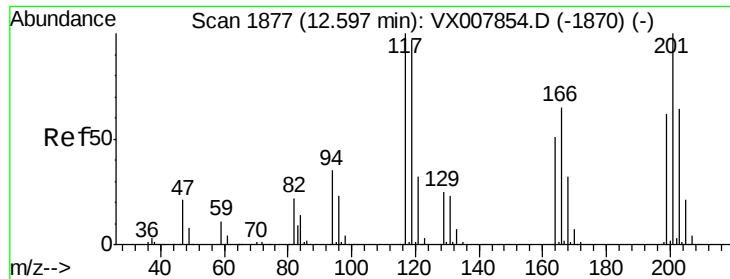
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	64.7	32.2	96.6



#89
 n-Butylbenzene
 Concen: 48.770 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.3	13.7	41.0





#90

Hexachloroethane

Concen: 50.214 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

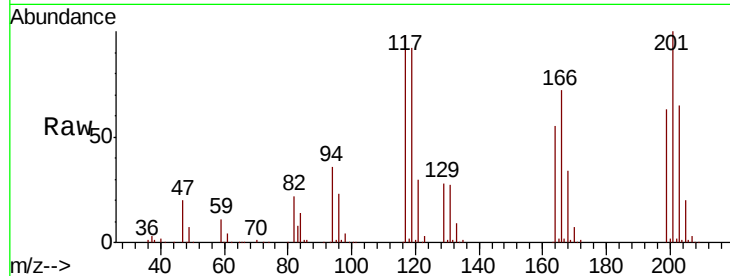
RE123D1-20190306MS

Tgt Ion:117 Resp: 73977

Ion Ratio Lower Upper

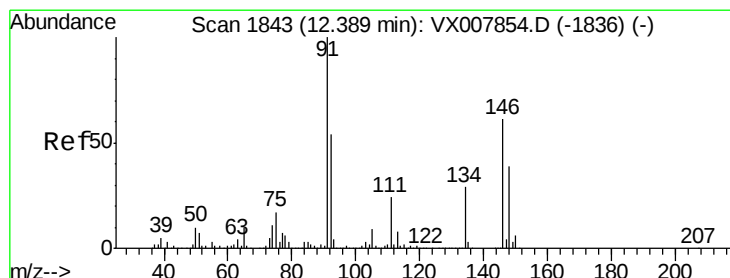
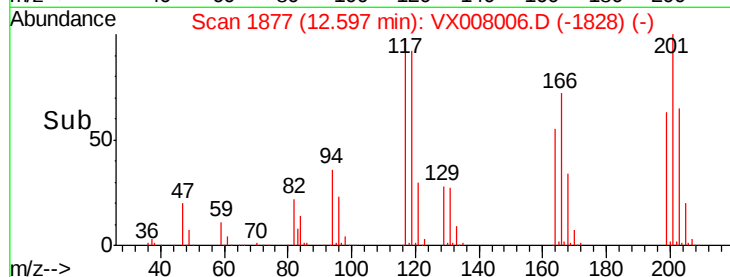
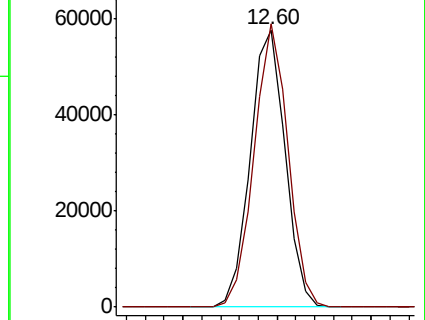
117 100

201 99.1 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.537 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

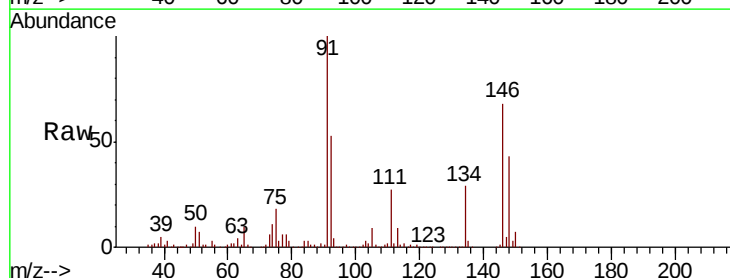
Tgt Ion:146 Resp: 240517

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

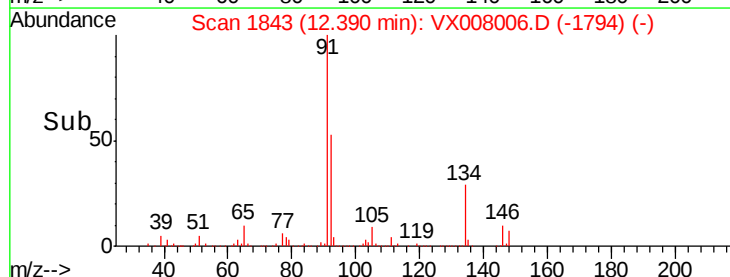
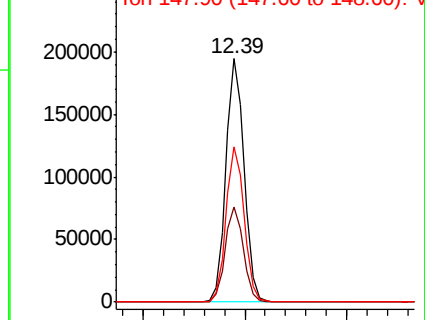
148 63.8 31.9 95.5

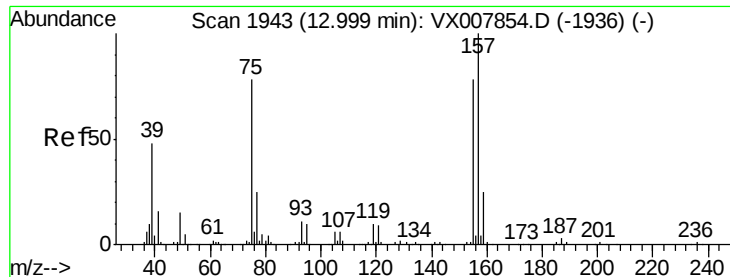


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.088 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MS

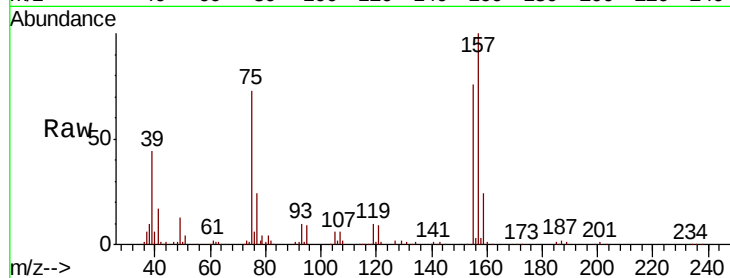
Tgt Ion: 75 Resp: 36384

Ion Ratio Lower Upper

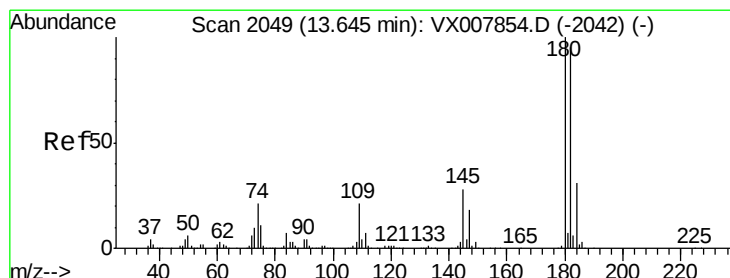
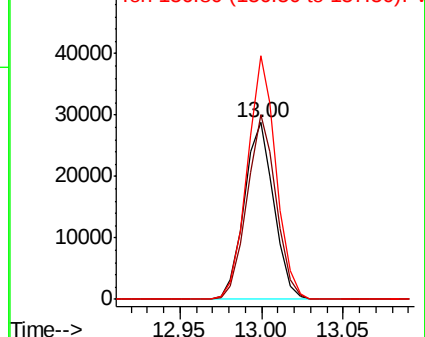
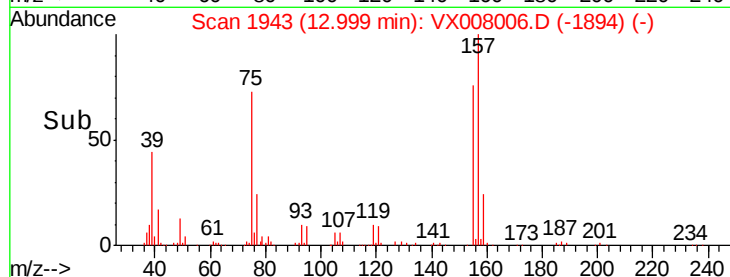
75 100

155 102.3 49.7 149.1

157 133.6 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX008006.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.506 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008006.D

Acq: 12 Mar 2019 10:14

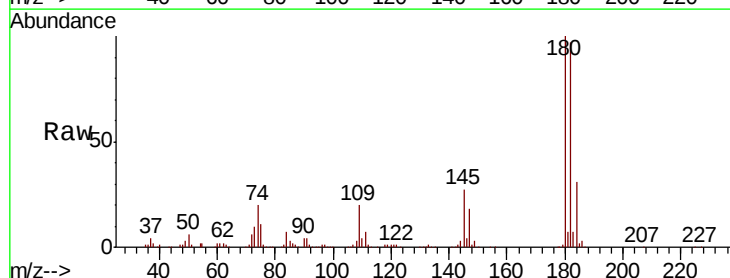
Tgt Ion: 180 Resp: 165447

Ion Ratio Lower Upper

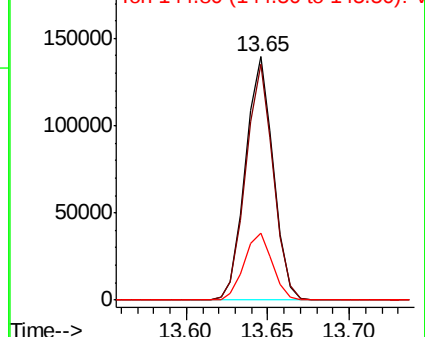
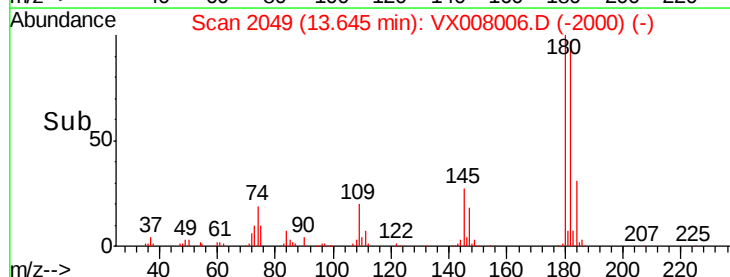
180 100

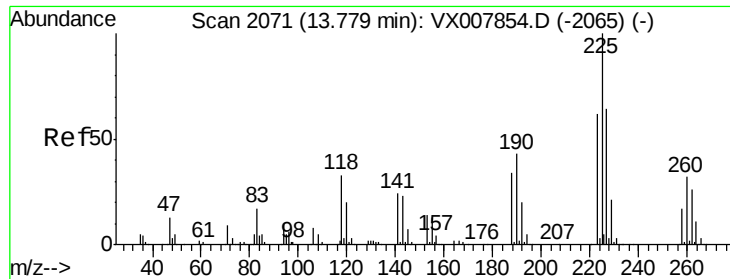
182 96.0 47.9 143.7

145 28.0 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): VX008006.D (-2000) (-)

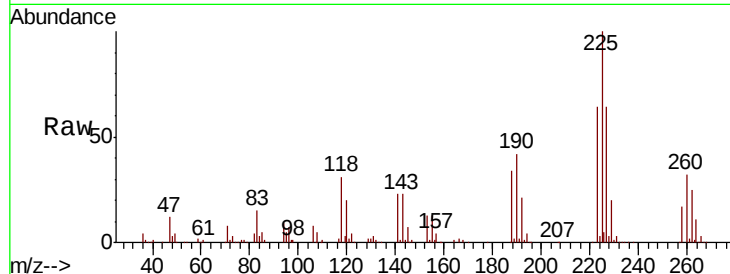




#94
Hexachlorobutadiene
Concen: 47.462 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.2	32.0	96.0

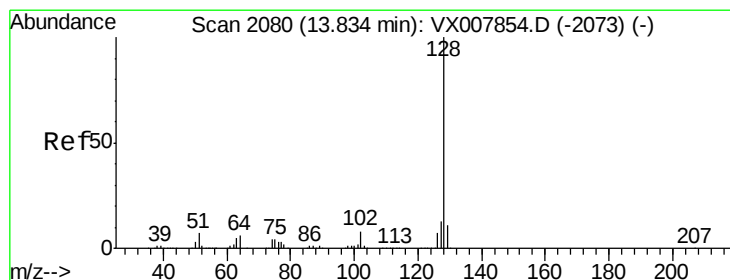
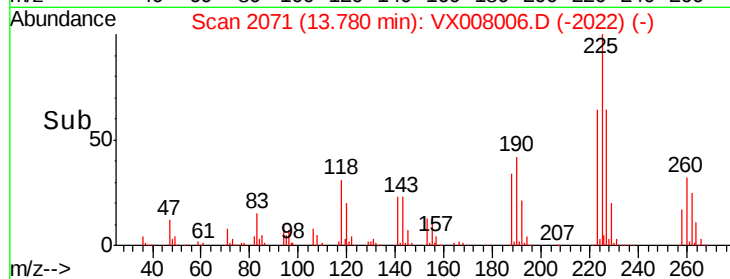
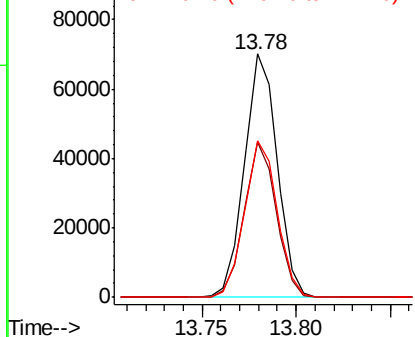


Abundance

Ion 224.70 (224.40 to 225.40): V

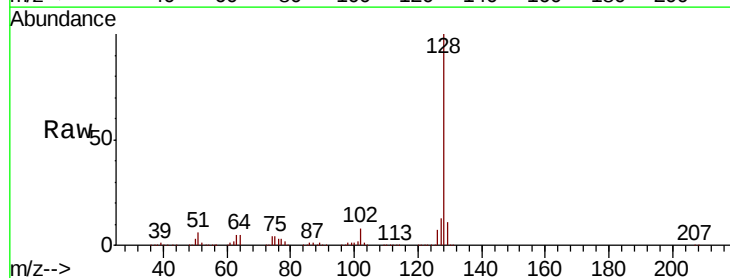
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 51.938 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008006.D
Acq: 12 Mar 2019 10:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

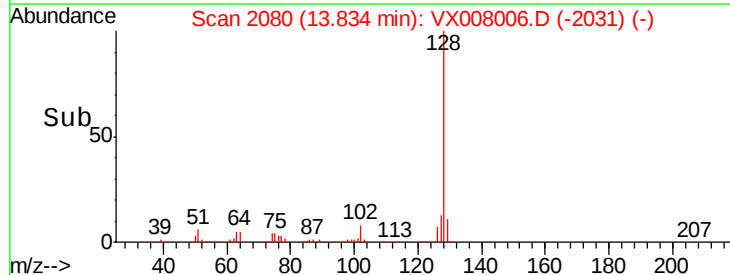
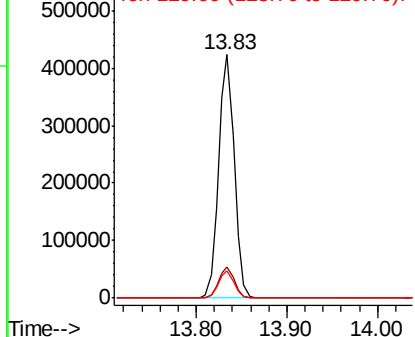


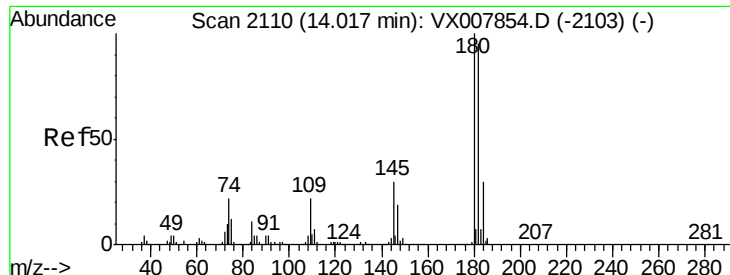
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

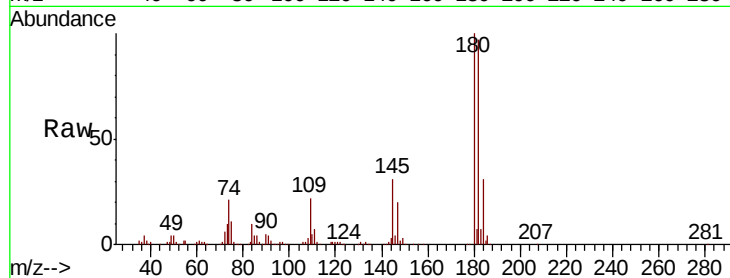




#96
 1,2,3-Trichlorobenzene
 Concen: 49.491 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008006.D
 Acq: 12 Mar 2019 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.5
145	30.2	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

