

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031119\
 Data File : VX007988.D
 Acq On : 11 Mar 2019 23:23
 Operator : JC/SP
 Sample : K1841-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

Quant Time: Mar 12 08:43:22 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	238072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122791	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	110714	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	408125	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	145395	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95289	46.849	ug/l	99
3) Chloromethane	1.33	50	119819	45.712	ug/l	99
4) Vinyl Chloride	1.41	62	124987	47.990	ug/l	100
5) Bromomethane	1.64	94	60921	49.841	ug/l	100
6) Chloroethane	1.72	64	76864	44.425	ug/l	98
7) Trichlorofluoromethane	1.93	101	165794	48.893	ug/l	98
8) Diethyl Ether	2.19	74	72100	49.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123723	58.878	ug/l	99
10) Methyl Iodide	2.51	142	157590	52.863	ug/l	99
11) Tert butyl alcohol	3.07	59	137346	244.544	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108937	53.782	ug/l	99
13) Acrolein	2.30	56	83932	263.986	ug/l	99
14) Allyl chloride	2.73	41	196009	46.051	ug/l	99
15) Acrylonitrile	3.15	53	335230	236.471	ug/l	99
16) Acetone	2.45	43	276388	190.136	ug/l	98
17) Carbon Disulfide	2.57	76	292579	47.544	ug/l	100
18) Methyl Acetate	2.78	43	136196	44.102	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	346903	49.783	ug/l	100
20) Methylene Chloride	2.86	84	111856	48.350	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107605	48.280	ug/l	99
22) Diisopropyl ether	3.87	45	367044	47.043	ug/l	96
23) Vinyl Acetate	3.82	43	1363928	199.347	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206385	49.154	ug/l	99
25) 2-Butanone	4.70	43	457022	222.074	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112695	40.513	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	133351	52.287	ug/l	96
28) Bromochloromethane	5.02	49	99056	50.604	ug/l	97
29) Tetrahydrofuran	5.15	42	309923	241.431	ug/l	99
30) Chloroform	5.21	83	201878	50.828	ug/l	99
31) Cyclohexane	5.57	56	183069	47.440	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165039	50.082	ug/l	99
36) 1,1-Dichloropropene	5.80	75	150386	47.512	ug/l	99
37) Ethyl Acetate	4.85	43	149957	39.923	ug/l	99
38) Carbon Tetrachloride	5.78	117	150230	49.994	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180092	46.955	ug/l	100
40) Benzene	6.14	78	458250	48.631	ug/l	100
41) Methacrylonitrile	5.06	41	97327	47.526	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148358	48.142	ug/l	100
43) Isopropyl Acetate	6.46	43	245106	44.092	ug/l	99
44) Trichloroethene	7.23	130	8856258	3410.413	ug/l	98
45) 1,2-Dichloropropane	7.52	63	118382	47.566	ug/l	99
46) Dibromomethane	7.66	93	76723	48.711	ug/l	99
47) Bromodichloromethane	7.90	83	144916	48.528	ug/l	99
48) Methyl methacrylate	7.77	41	138030	47.227	ug/l	98
49) 1,4-Dioxane	7.75	88	58792	979.236	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	856866	239.682	ug/l	99
52) Toluene	8.78	92	281300	48.896	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	156456	50.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171429	48.706	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120505	51.744	ug/l	98
56) Ethyl methacrylate	9.18	69	174678	49.955	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191849	49.062	ug/l	100
59) 2-Hexanone	9.49	43	641626	231.169	ug/l	99
60) Dibromochloromethane	9.58	129	122791	50.443	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122748	49.643	ug/l	100
64) Tetrachloroethene	9.34	164	130791	51.500	ug/l	99
65) Chlorobenzene	10.14	112	310593	48.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	116044	50.489	ug/l	99
67) Ethyl Benzene	10.25	91	518867	49.152	ug/l	100
68) m/p-Xylenes	10.36	106	403487	99.162	ug/l	100
69) o-Xylene	10.70	106	195557	49.781	ug/l	98
70) Styrene	10.71	104	323897	50.386	ug/l	100
71) Bromoform	10.85	173	97560	49.427	ug/l #	99
73) Isopropylbenzene	11.02	105	522766	49.659	ug/l	100
74) N-amyl acetate	10.90	43	190210	39.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168715	46.463	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	193862	59.353	ug/l	92
77) Bromobenzene	11.26	156	139182	48.224	ug/l	98
78) n-propylbenzene	11.36	91	575607	49.287	ug/l	100
79) 2-Chlorotoluene	11.42	91	344108	48.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	427070	49.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47976	46.951	ug/l	100
82) 4-Chlorotoluene	11.51	91	393505	48.088	ug/l	99
83) tert-Butylbenzene	11.77	119	426207	48.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	442947	49.870	ug/l	100
85) sec-Butylbenzene	11.94	105	508913	49.510	ug/l	99
86) p-Isopropyltoluene	12.06	119	458605	49.818	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244851	47.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245206	46.893	ug/l	100
89) n-Butylbenzene	12.38	91	378482	48.529	ug/l	99
90) Hexachloroethane	12.60	117	74654	48.504	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	243585	48.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35227	46.419	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	170597	47.875	ug/l	99

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QLast Update : Thu Mar 07 07:33:26 2019
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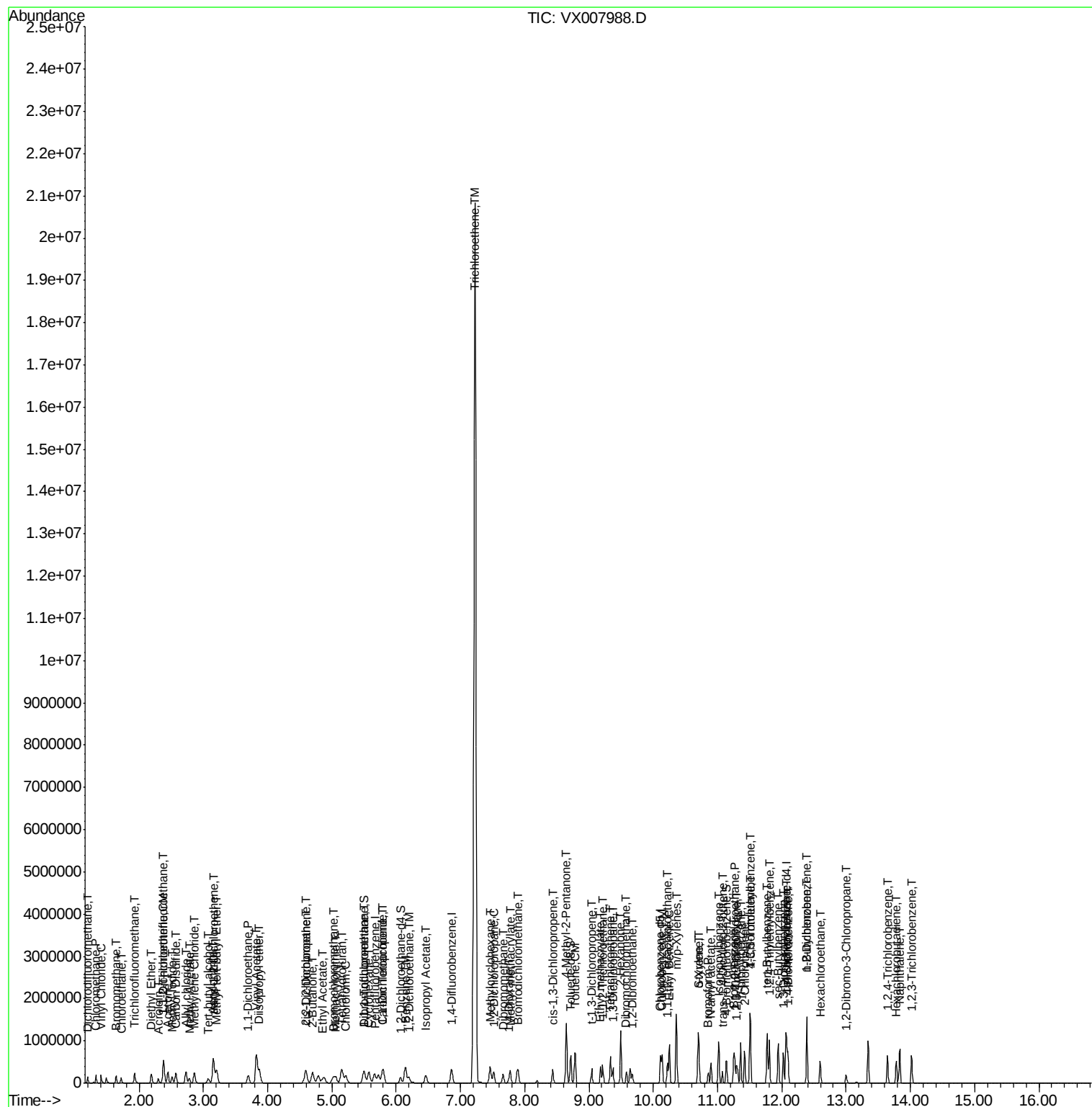
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88532	47.521	ug/l	100
95) Naphthalene	13.83	128	508443	49.520	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170772	48.108	ug/l	99

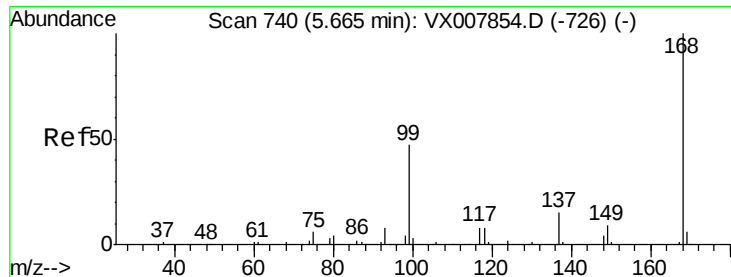
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

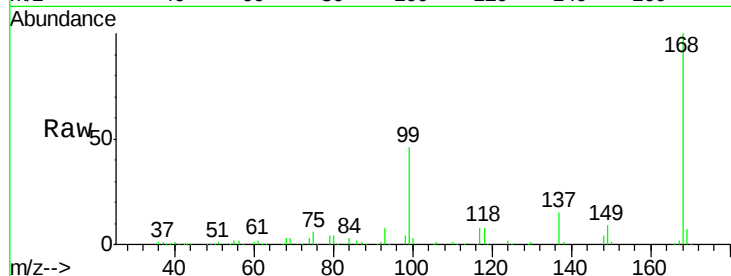
RE122D2-20190308MS

Tot Ion:168 Resp: 238072

Ion Ratio Lower Upper

168 100

99 46.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

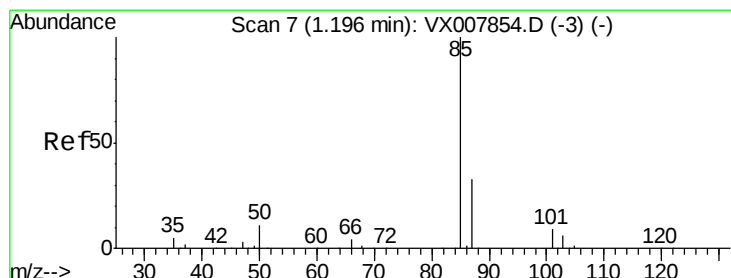
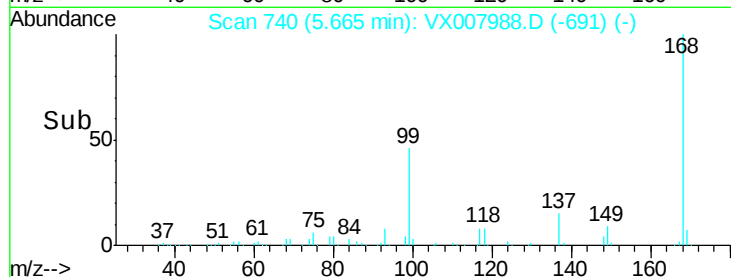
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.849 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007988.D

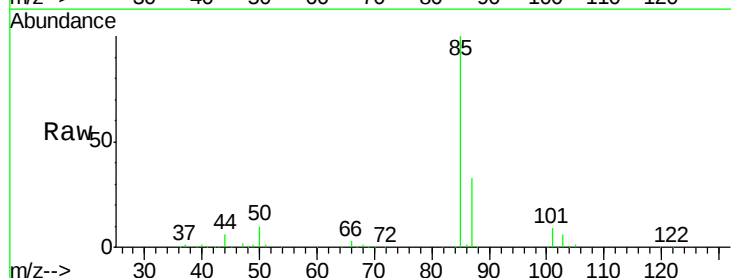
Acq: 11 Mar 2019 23:23

Tgt Ion: 85 Resp: 95289

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

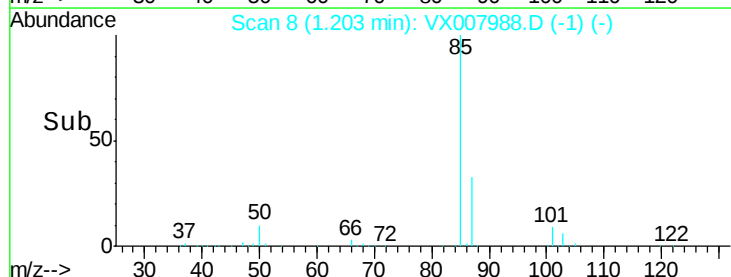
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 45.712 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

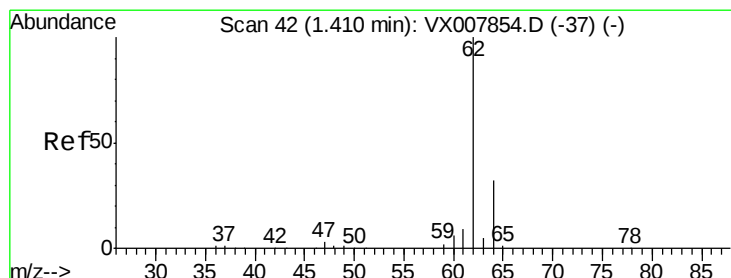
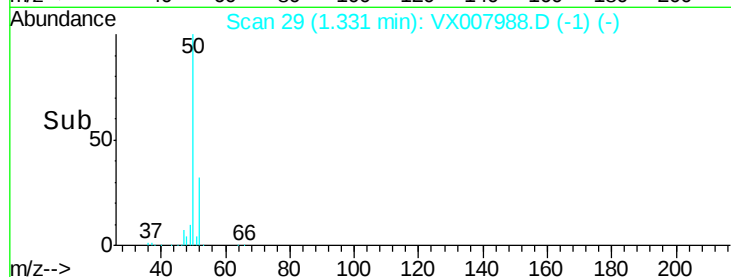
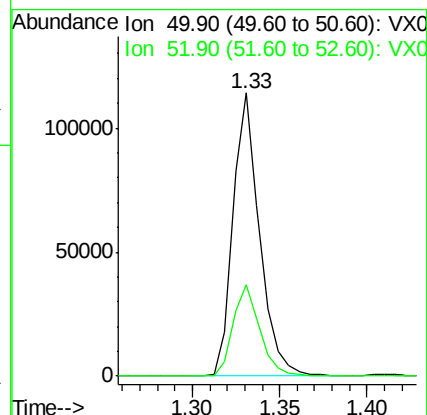
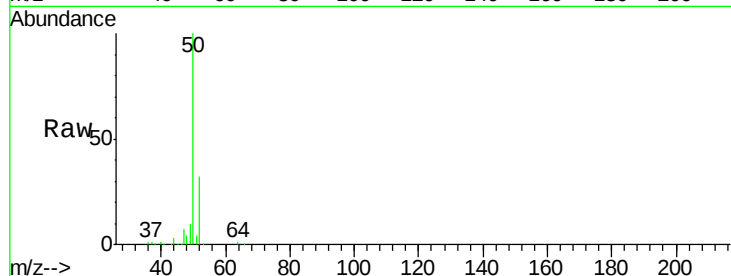
RE122D2-20190308MS

Tot Ion: 50 Resp: 119819

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 47.990 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007988.D

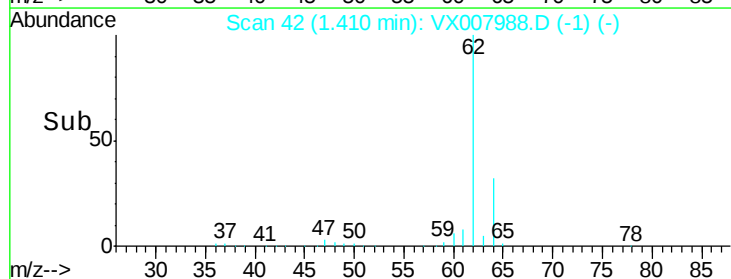
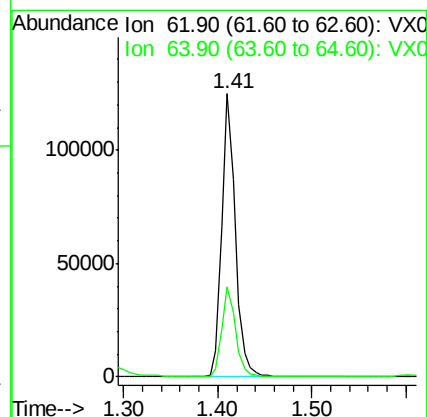
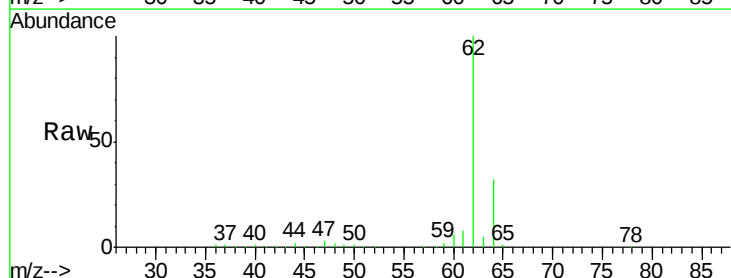
Acq: 11 Mar 2019 23:23

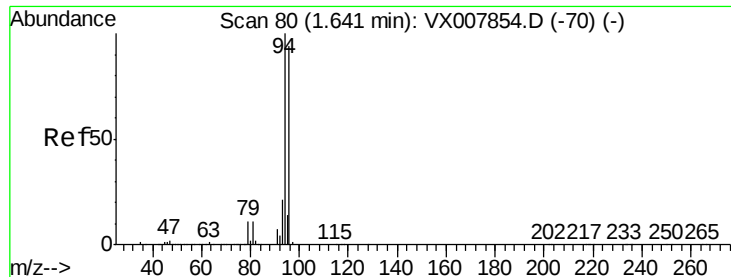
Tgt Ion: 62 Resp: 124987

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 49.841 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

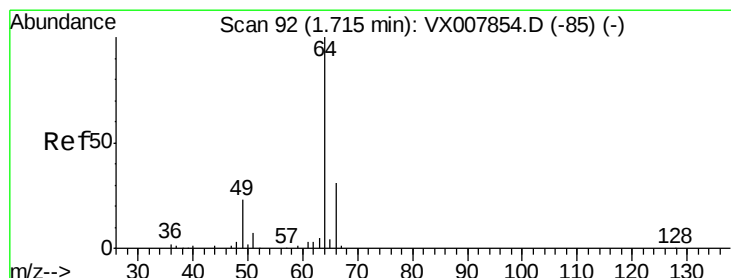
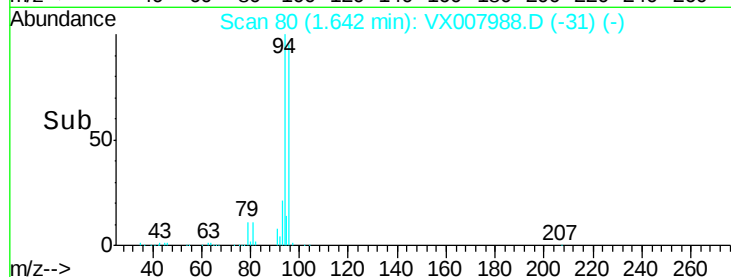
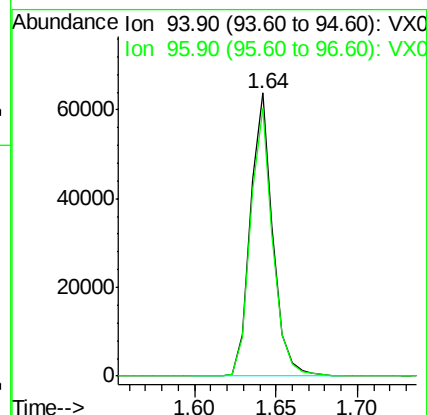
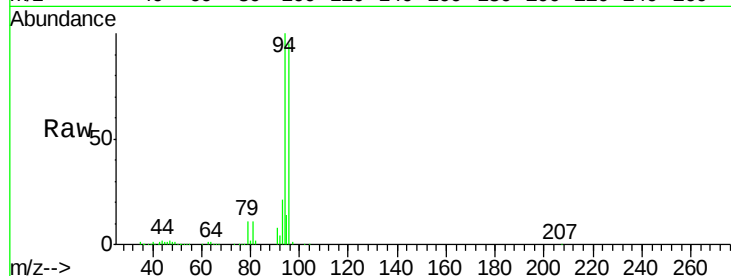
RE122D2-20190308MS

Tot Ion: 94 Resp: 60921

Ion Ratio Lower Upper

94 100

96 94.6 75.5 113.3



#6

Chloroethane

Concen: 44.425 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007988.D

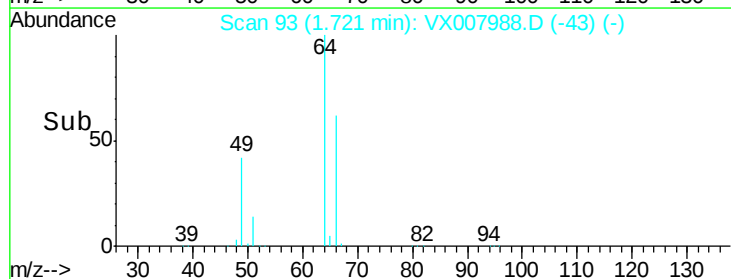
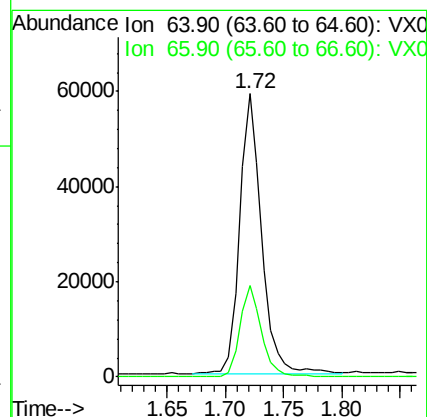
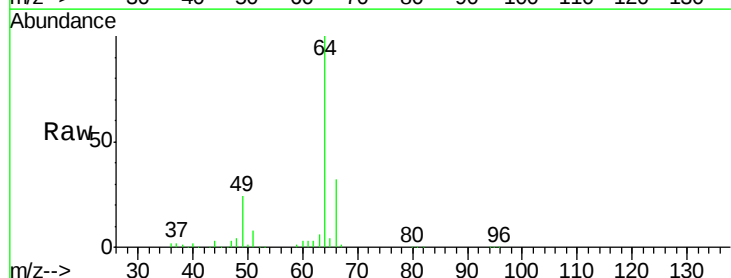
Acq: 11 Mar 2019 23:23

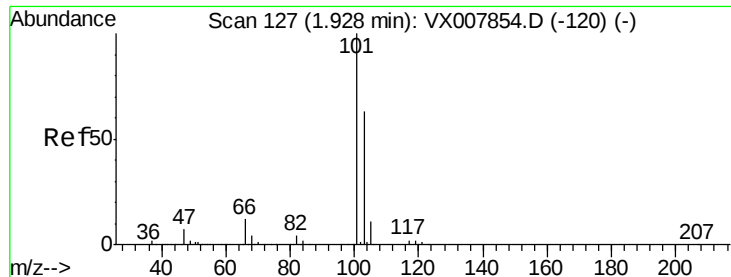
Tgt Ion: 64 Resp: 76864

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



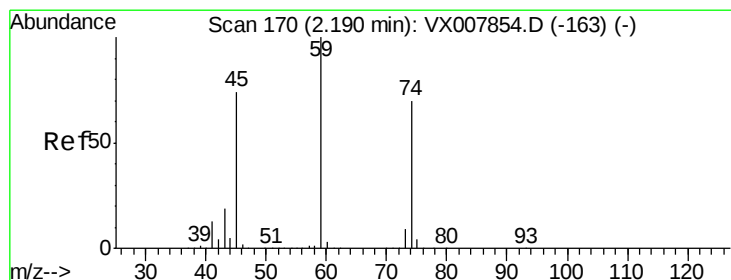
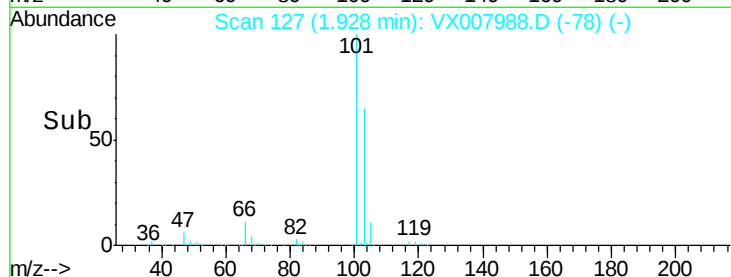
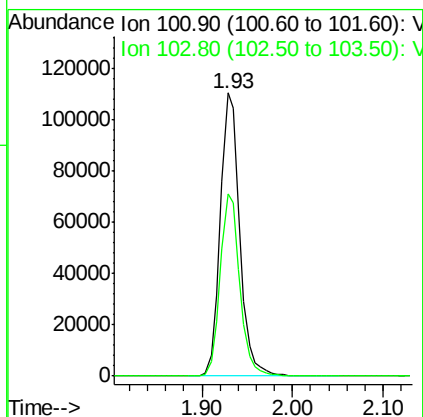
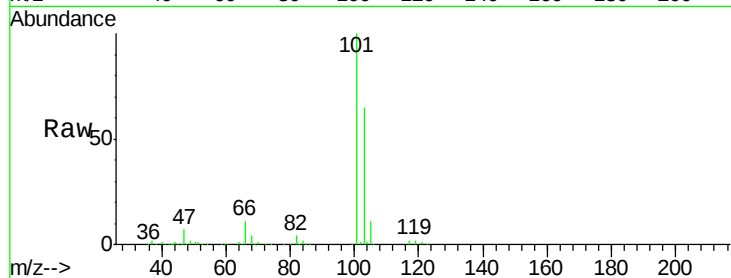


#7

Trichlorofluoromethane
Concen: 48.893 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007988.D
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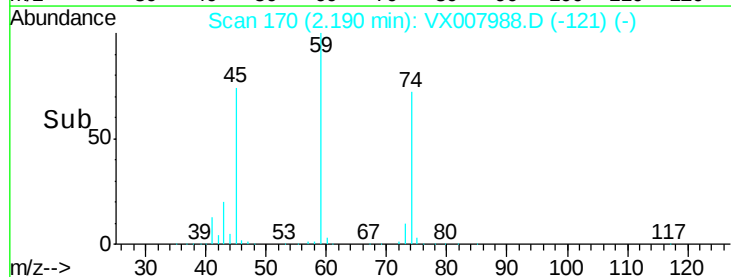
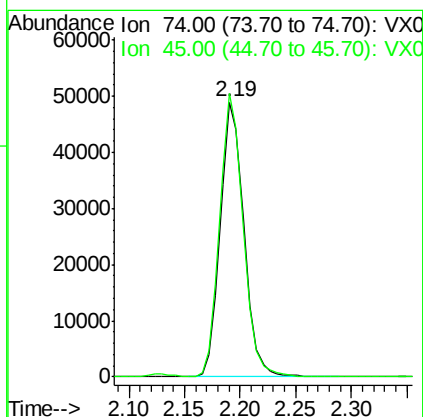
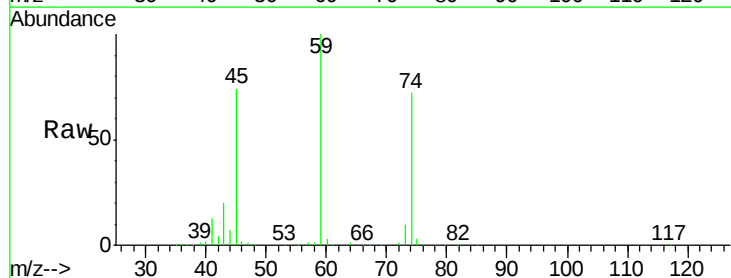
Tot Ion:101 Resp: 165794
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6

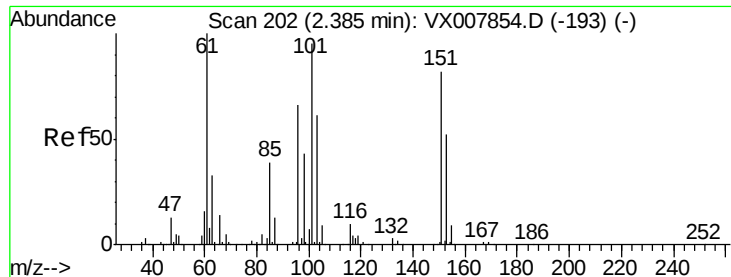


#8

Diethyl Ether
Concen: 49.102 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 74 Resp: 72100
Ion Ratio Lower Upper
74 100
45 101.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.878 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

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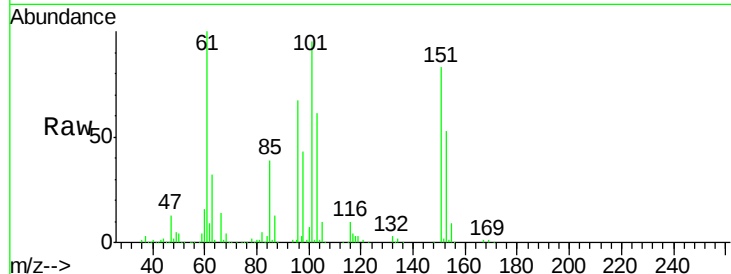
Tot Ion:101 Resp: 123723

Ion Ratio Lower Upper

101 100

85 41.4 33.8 50.6

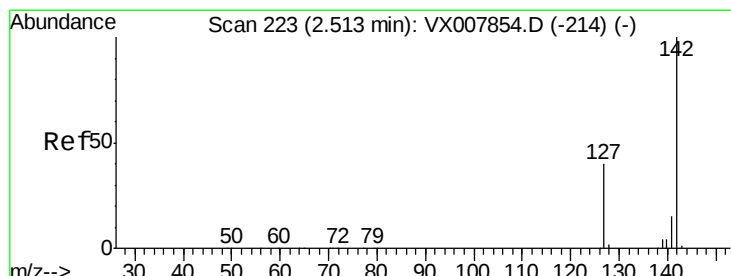
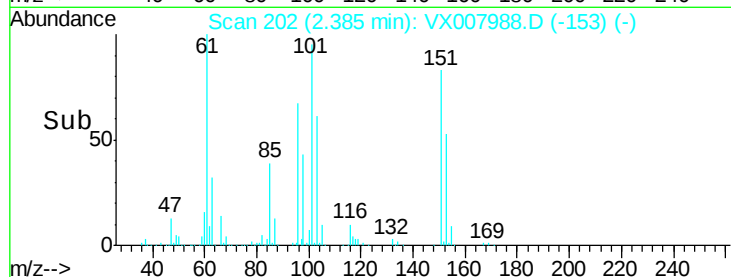
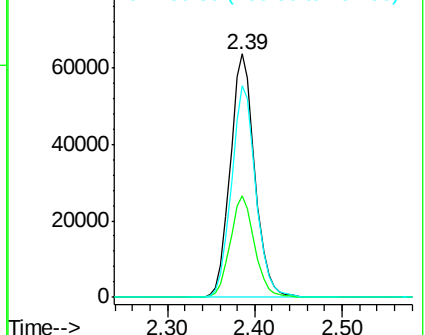
151 86.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.863 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

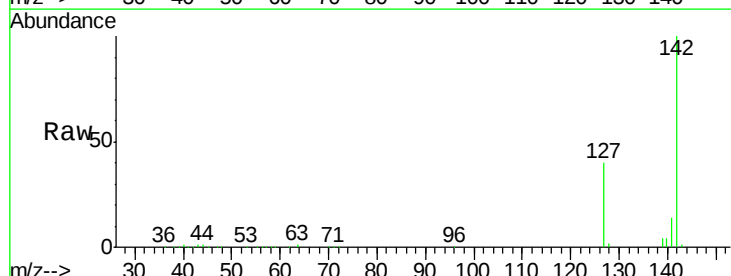
Tgt Ion:142 Resp: 157590

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

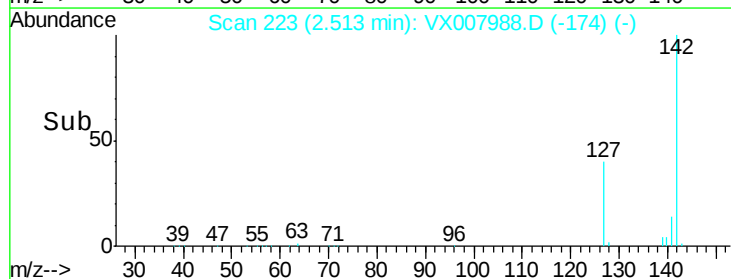
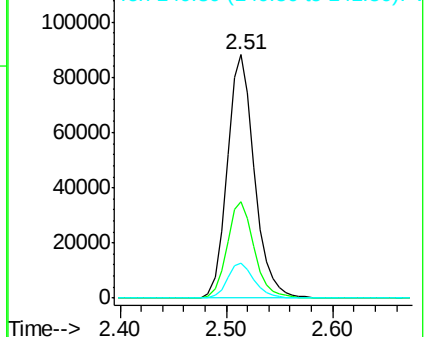
141 14.3 11.4 17.2

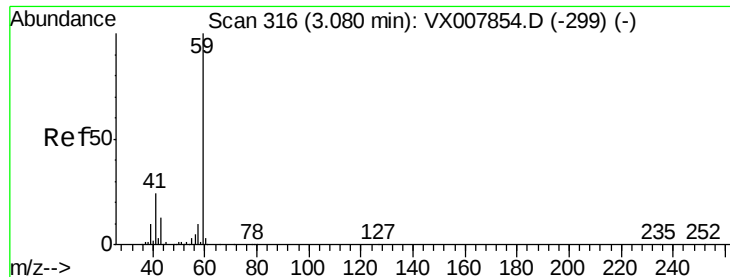


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

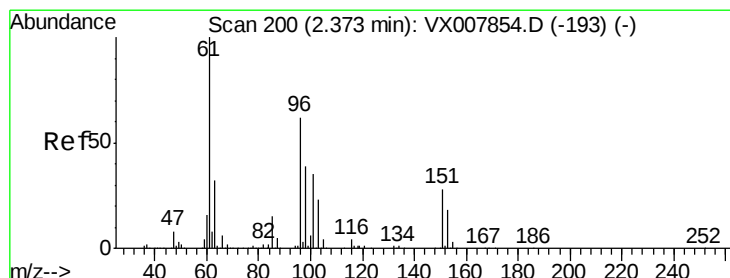
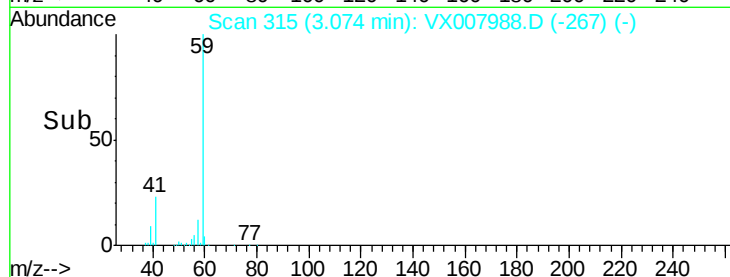
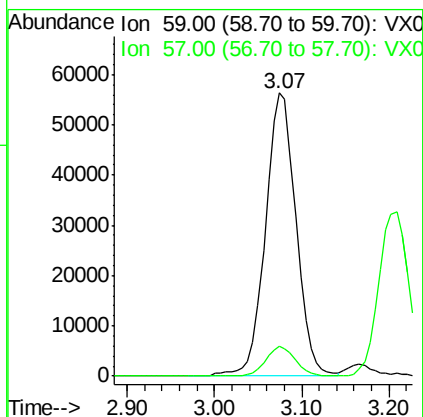
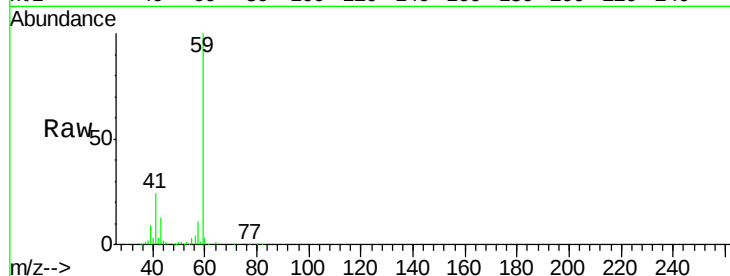




#11
Tert butyl alcohol
Concen: 244.544 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

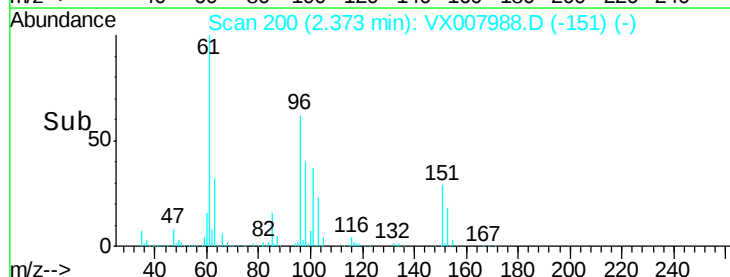
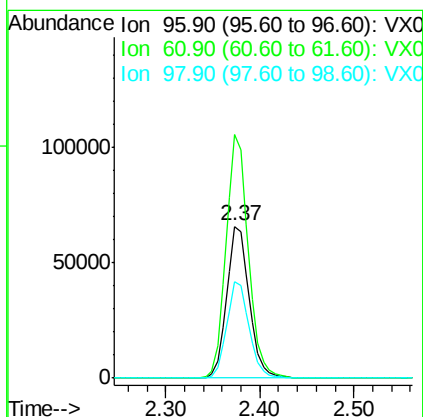
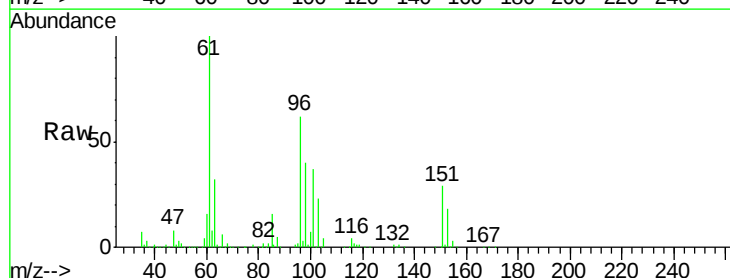
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

Tot Ion: 59 Resp: 137346
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.782 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 96 Resp: 108937
Ion Ratio Lower Upper
96 100
61 160.1 129.8 194.6
98 63.3 51.0 76.6





#13

Acrolein

Concen: 263.986 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

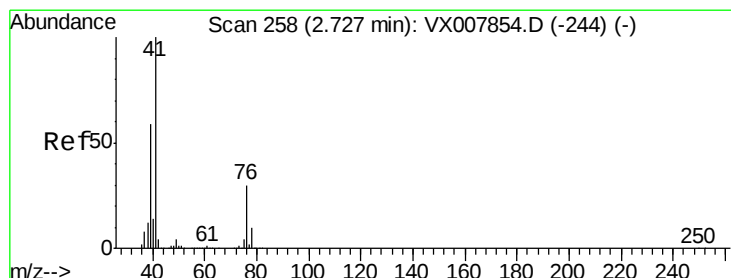
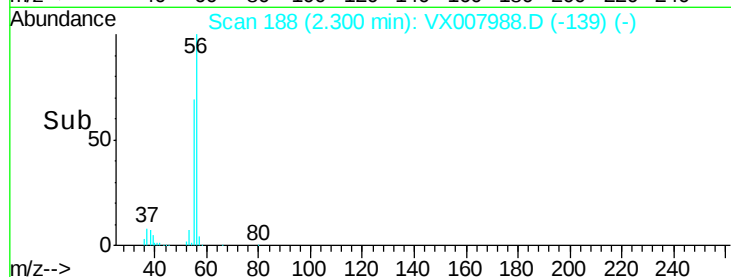
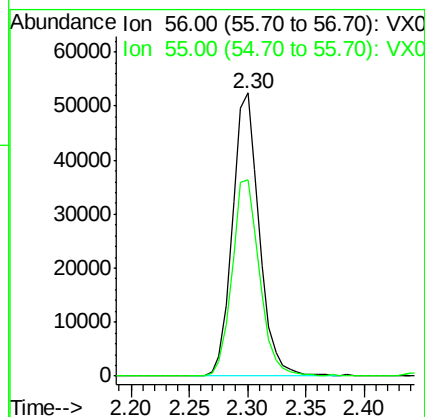
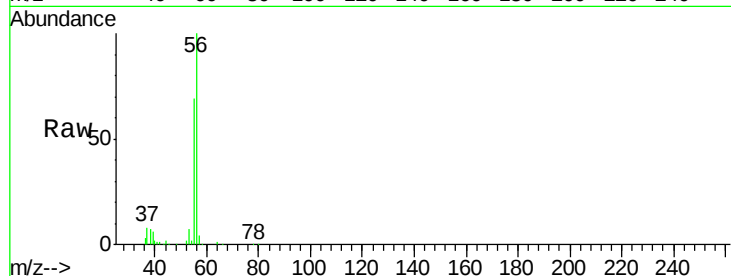
RE122D2-20190308MS

Tot Ion: 56 Resp: 83932

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6



#14

Allyl chloride

Concen: 46.051 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

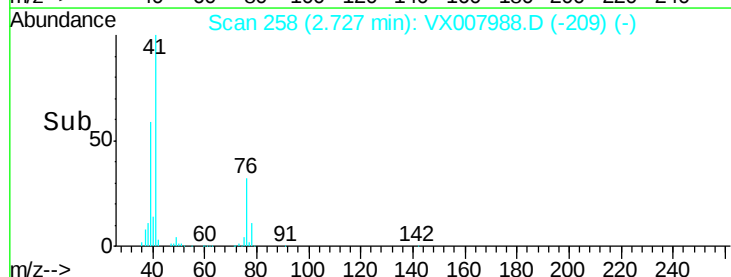
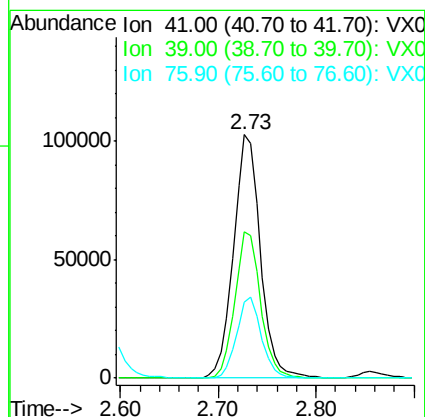
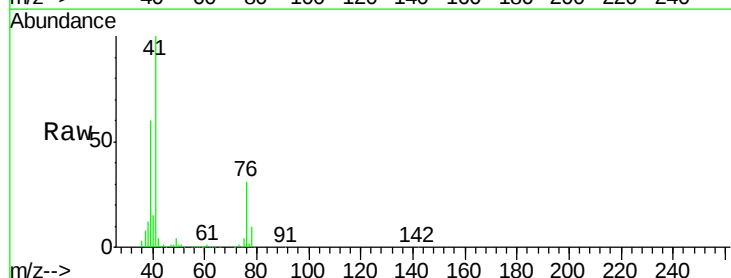
Tgt Ion: 41 Resp: 196009

Ion Ratio Lower Upper

41 100

39 57.6 46.1 69.1

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 236.471 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

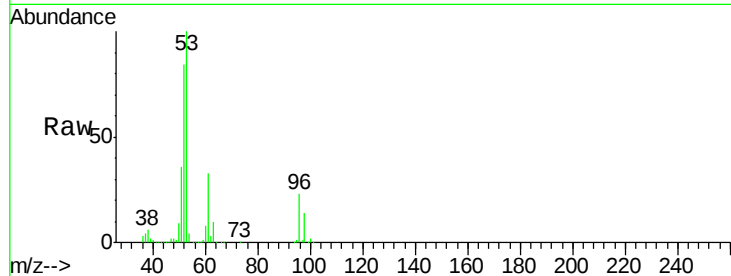
MSVOA_X

ClientSampleId :

RE122D2-20190308MS

Tot Ion: 53 Resp: 335230

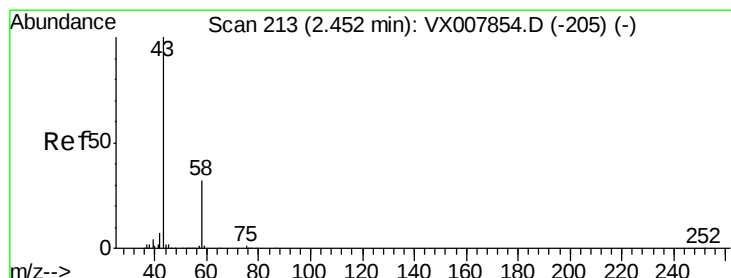
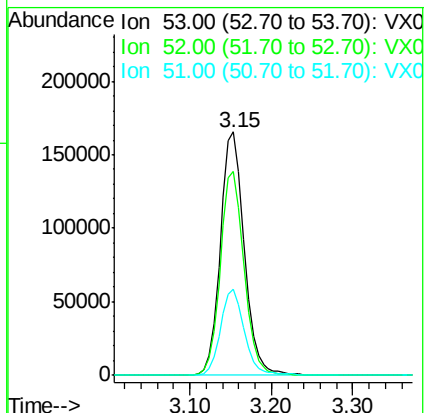
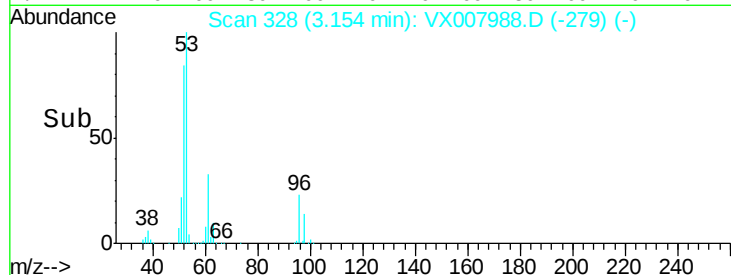
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.0	99.0
51	35.4	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 190.136 ug/l

RT: 2.45 min Scan# 212

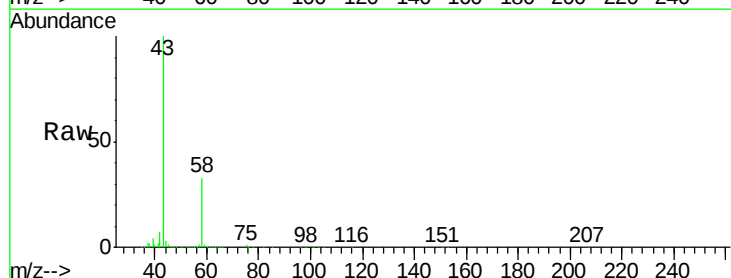
Delta R.T. -0.01 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

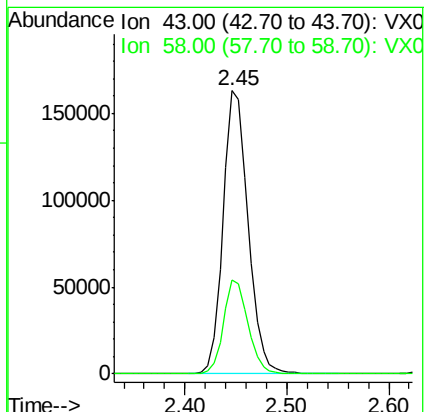
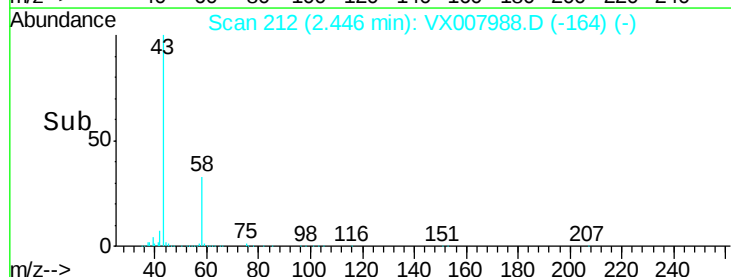
Tgt Ion: 43 Resp: 276388

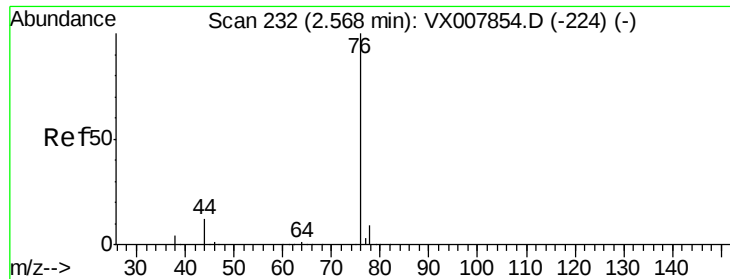
Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.5	38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

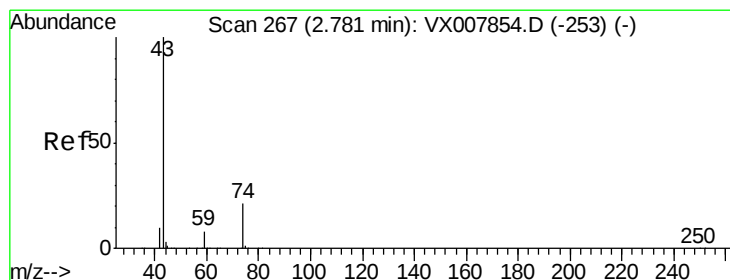
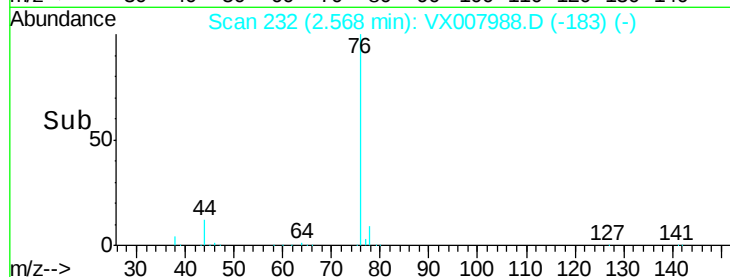
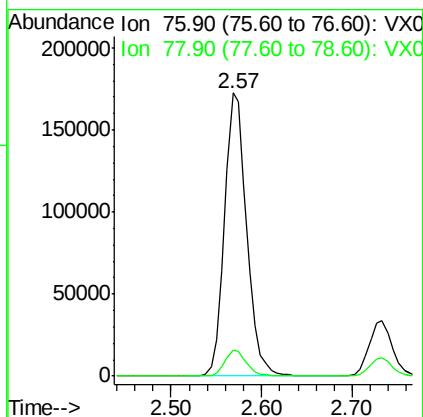
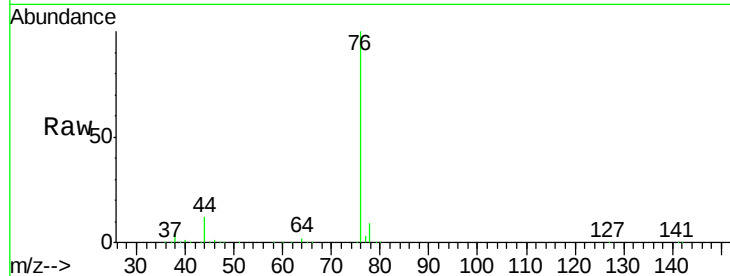




#17
Carbon Disulfide
Concen: 47.544 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

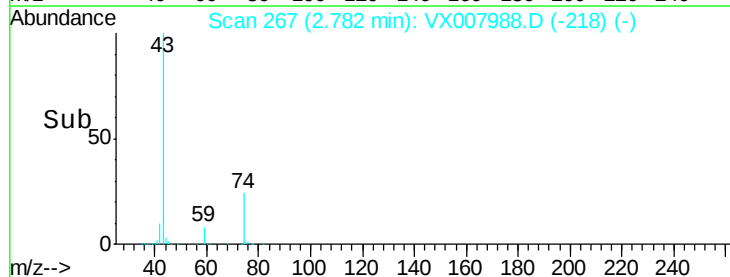
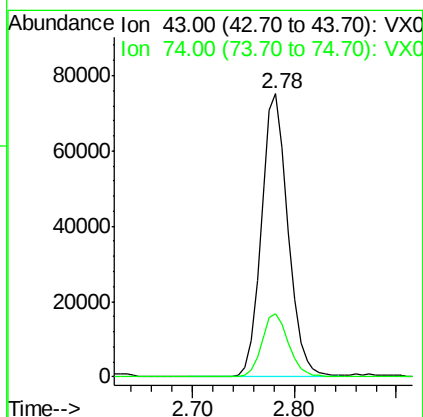
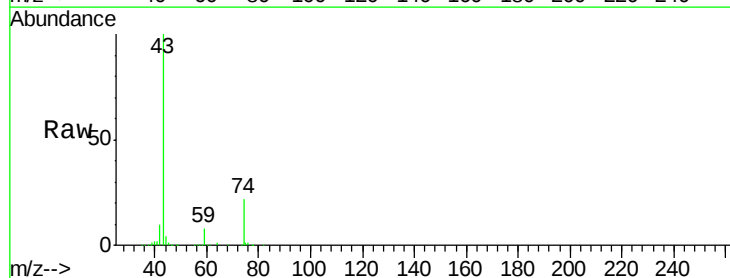
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

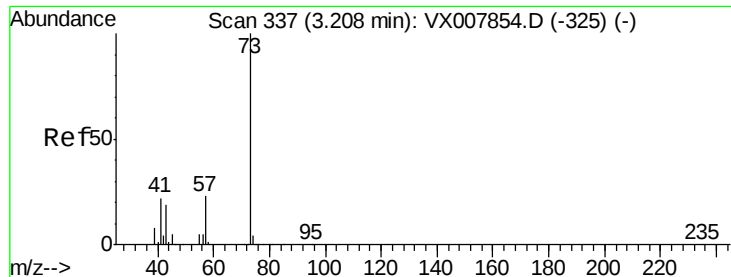
Tot Ion: 76 Resp: 292579
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 44.102 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 43 Resp: 136196
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.6

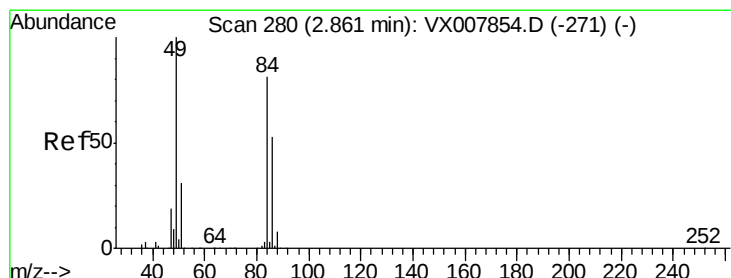
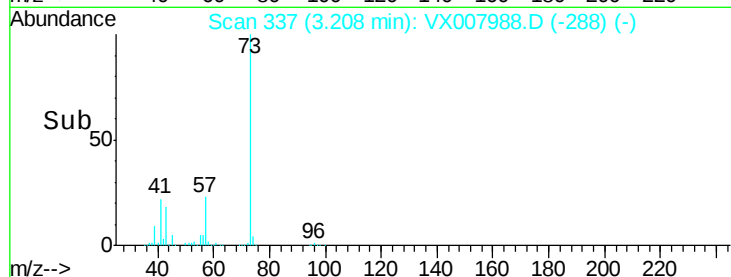
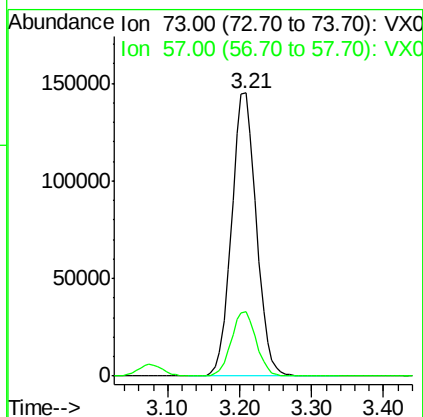
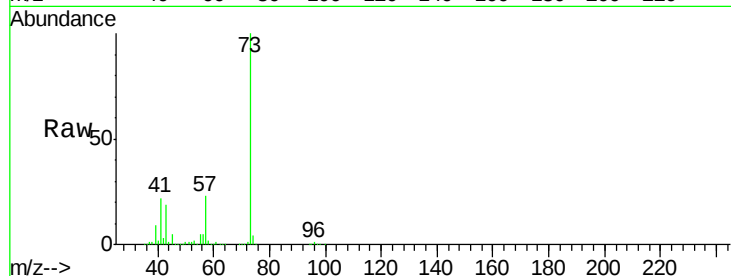




#19
Methyl tert-butyl Ether
Concen: 49.783 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

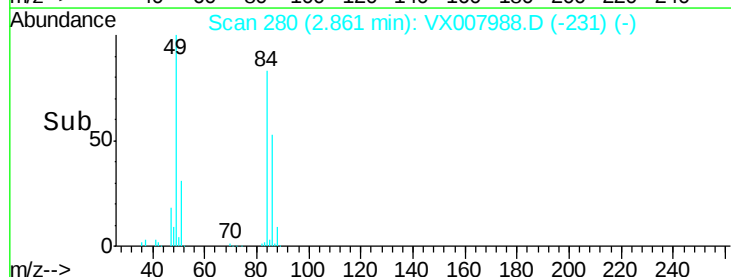
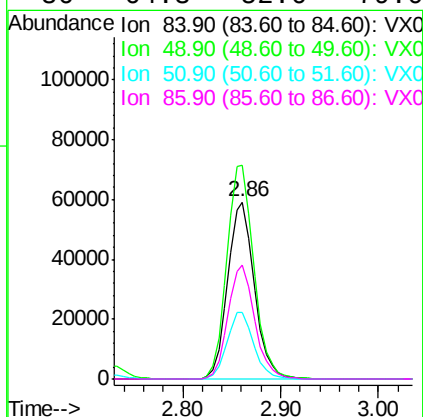
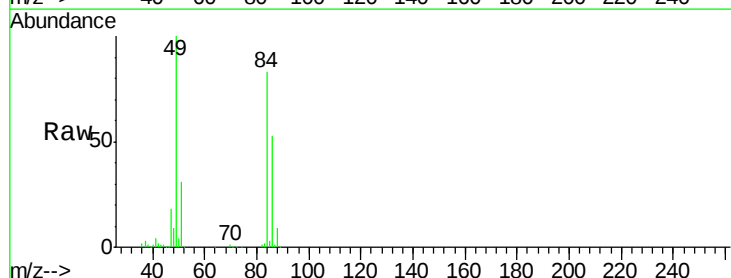
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

Tot Ion: 73 Resp: 346903
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 48.350 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 84 Resp: 111856
Ion Ratio Lower Upper
84 100
49 120.8 99.3 148.9
51 37.4 31.3 46.9
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.280 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

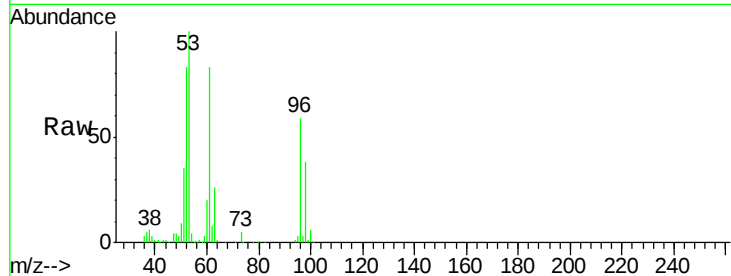
Tot Ion: 96 Resp: 107605

Ion Ratio Lower Upper

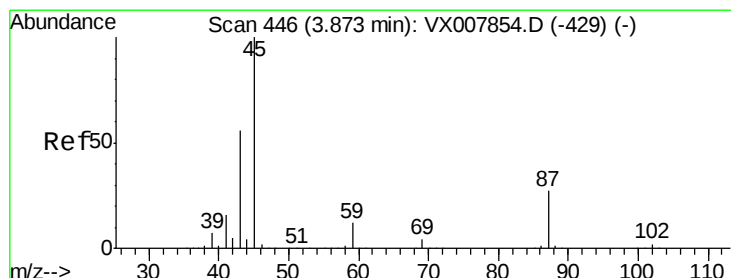
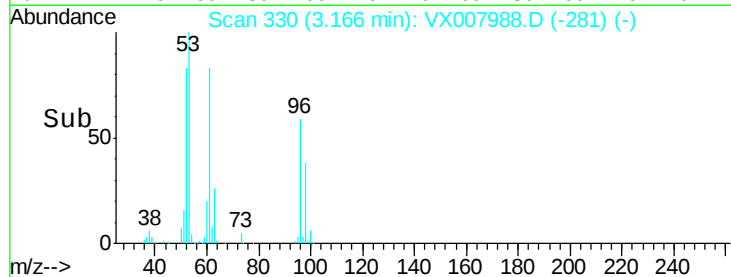
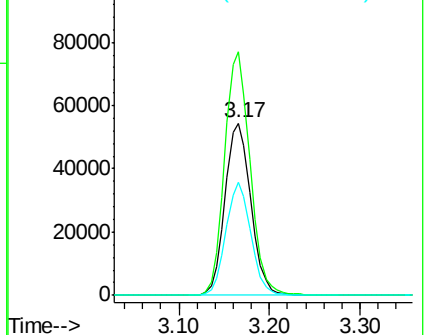
96 100

61 141.6 114.4 171.6

98 65.5 51.1 76.7



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



#22

Diisopropyl ether

Concen: 47.043 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Tgt Ion: 45 Resp: 367044

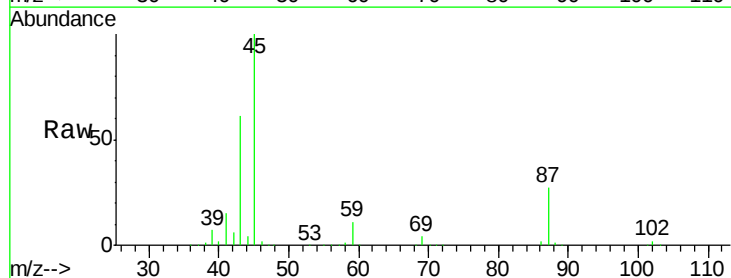
Ion Ratio Lower Upper

45 100

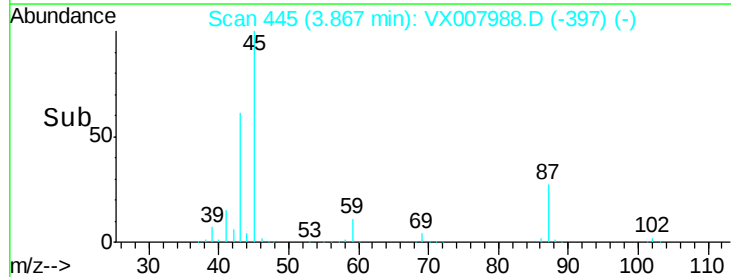
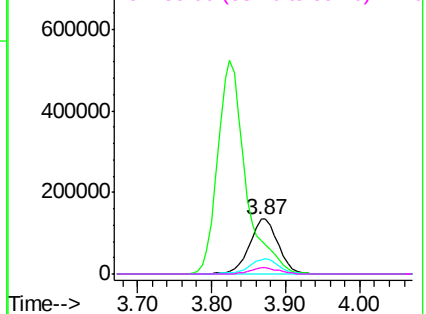
43 60.9 45.3 67.9

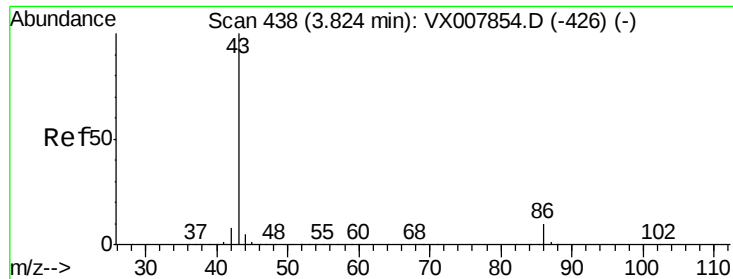
87 26.6 21.4 32.0

59 11.2 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 199.347 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

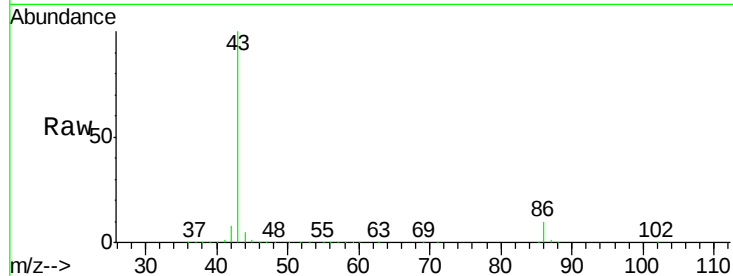
RE122D2-20190308MS

Tot Ion: 43 Resp: 1363928

Ion Ratio Lower Upper

43 100

86 10.2 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

500000

400000

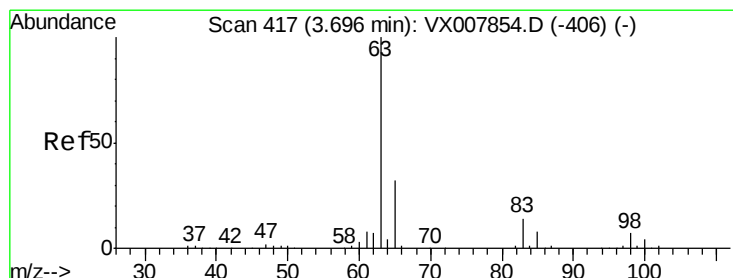
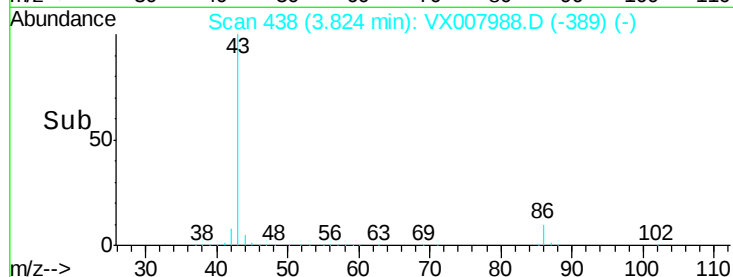
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.154 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

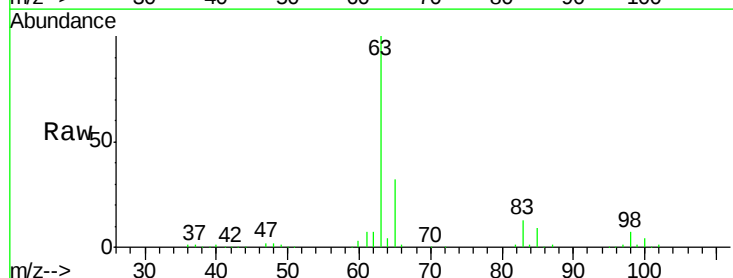
Tgt Ion: 63 Resp: 206385

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.2 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

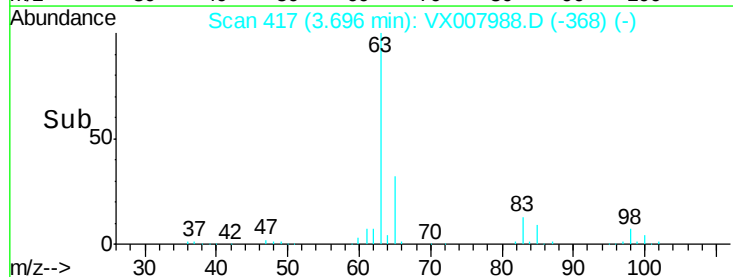
60000

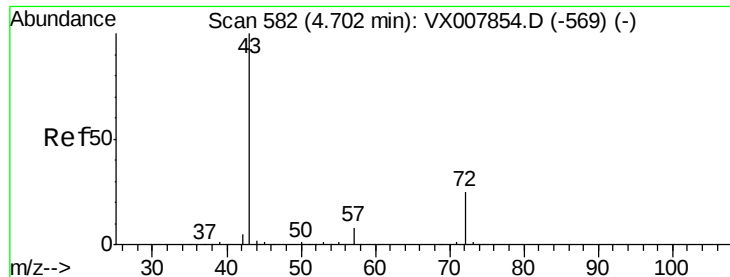
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.074 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

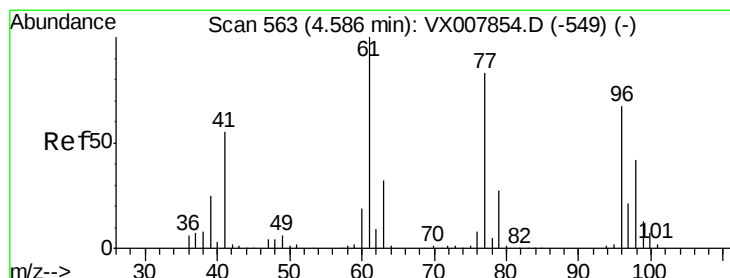
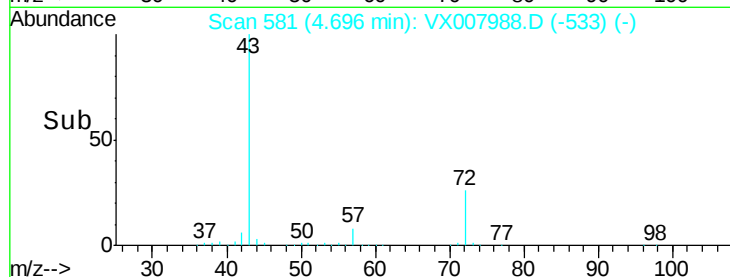
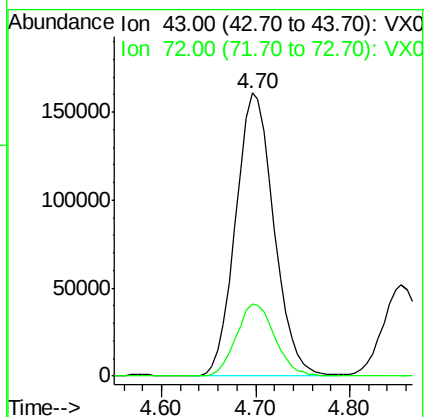
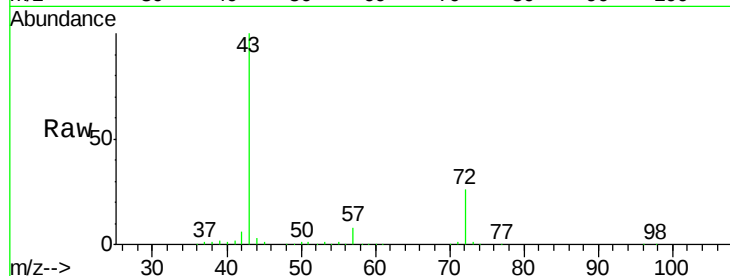
RE122D2-20190308MS

Tot Ion: 43 Resp: 457022

Ion Ratio Lower Upper

43 100

72 25.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 40.513 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007988.D

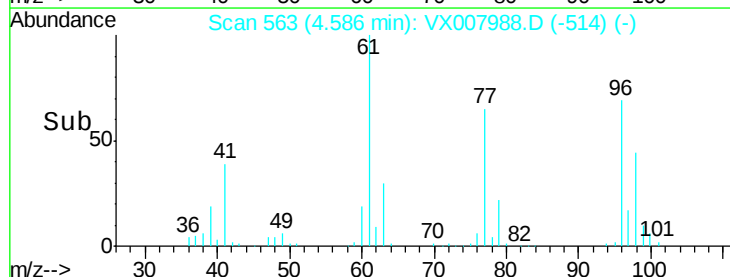
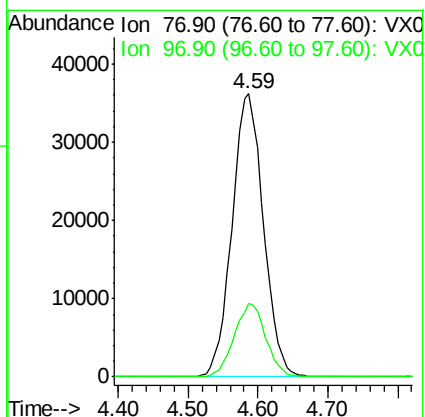
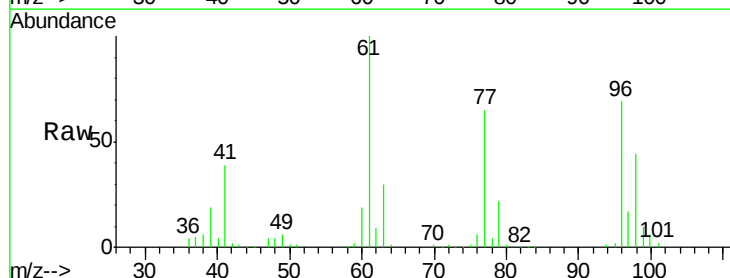
Acq: 11 Mar 2019 23:23

Tgt Ion: 77 Resp: 112695

Ion Ratio Lower Upper

77 100

97 26.1 12.2 36.6



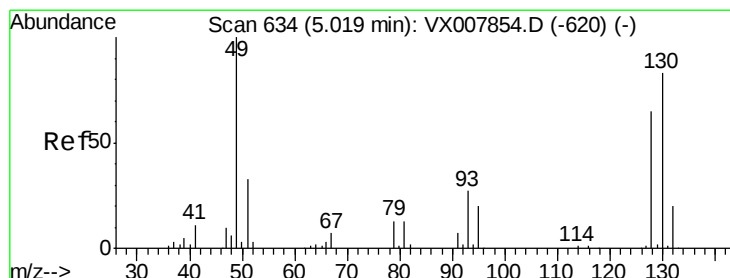
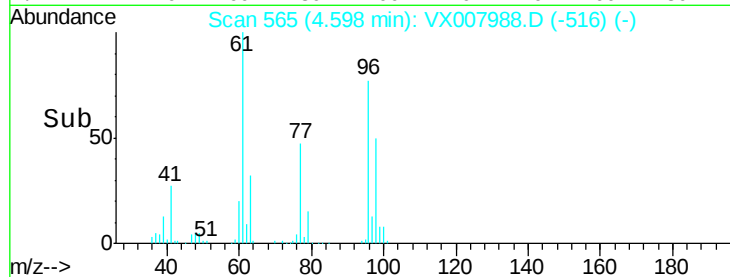
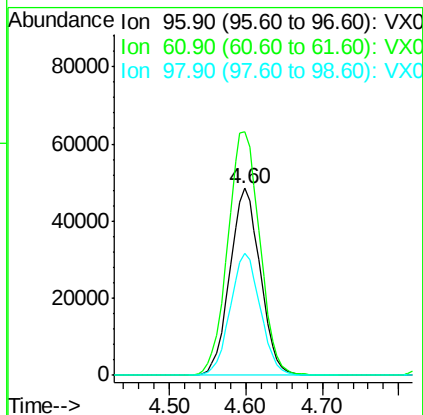
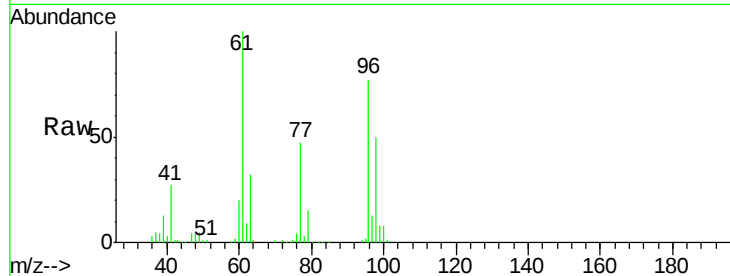


#27

cis-1,2-Dichloroethene
 Concen: 52.287 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

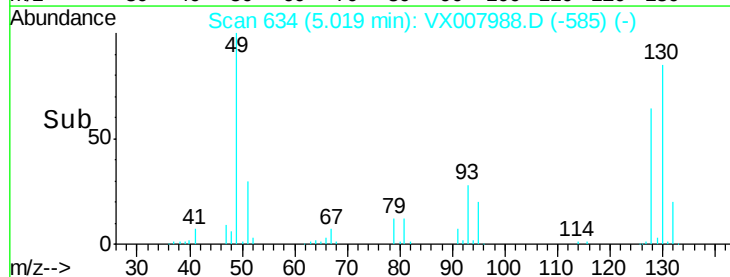
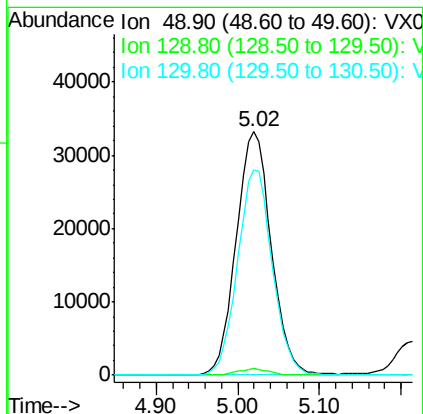
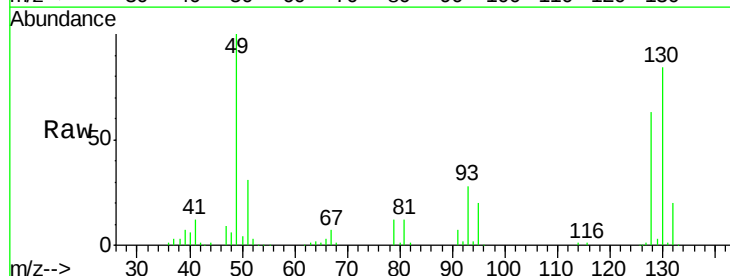
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	288.0
98	64.8	0.0	129.0



#28

Bromochloromethane
 Concen: 50.604 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	83.5	65.0	97.4

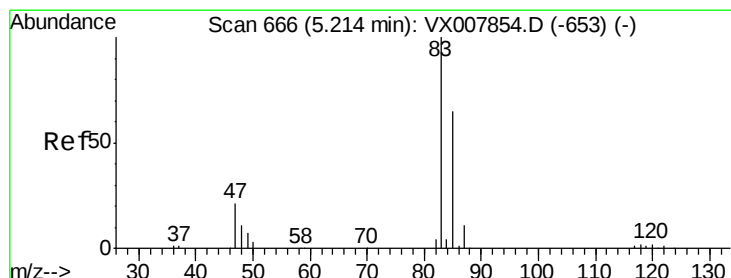
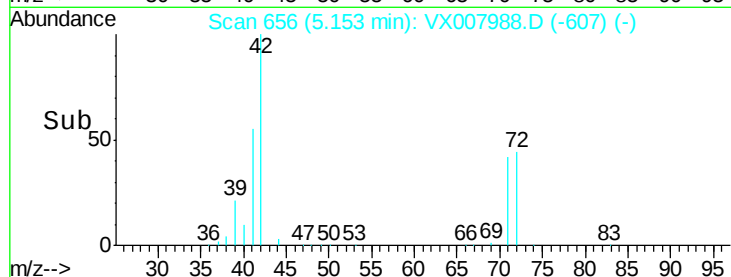
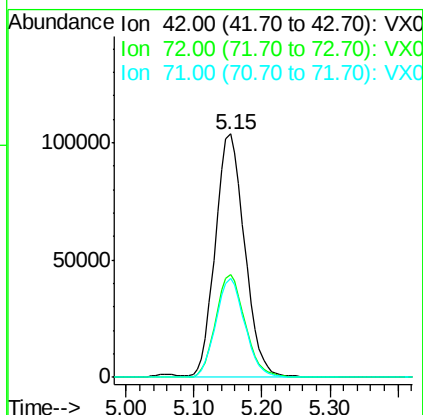
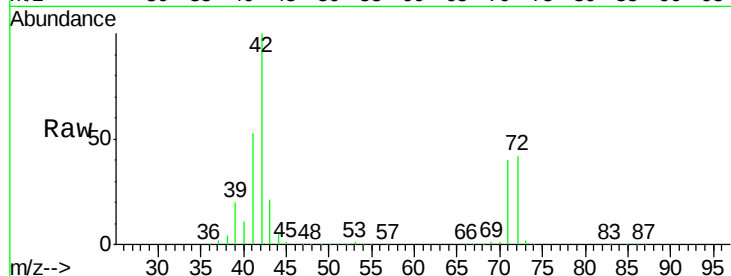




#29
Tetrahydrofuran
Concen: 241.431 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

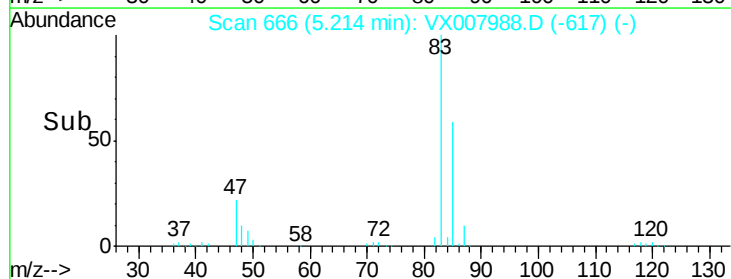
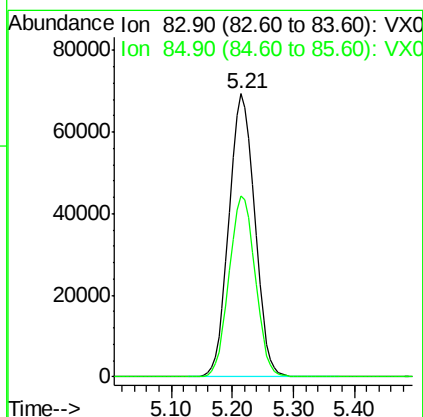
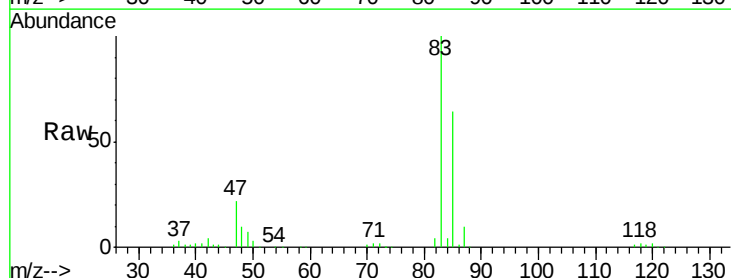
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

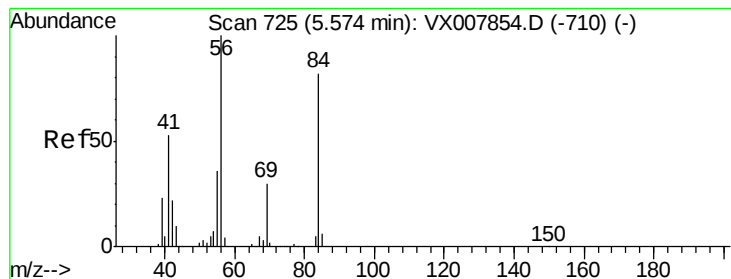
Tot Ion: 42 Resp: 309923
Ion Ratio Lower Upper
42 100
72 42.5 33.8 50.6
71 40.4 31.5 47.3



#30
Chloroform
Concen: 50.828 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 83 Resp: 201878
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6





#31

Cyclohexane

Concen: 47.440 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

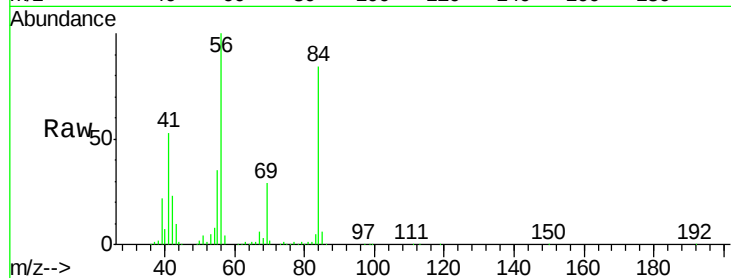
Tot Ion: 56 Resp: 183069

Ion Ratio Lower Upper

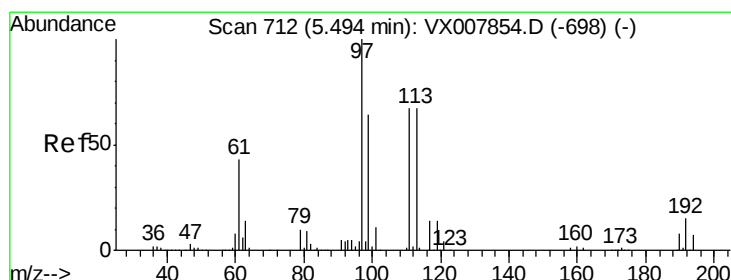
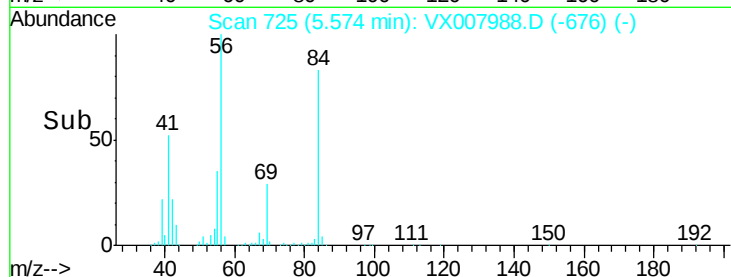
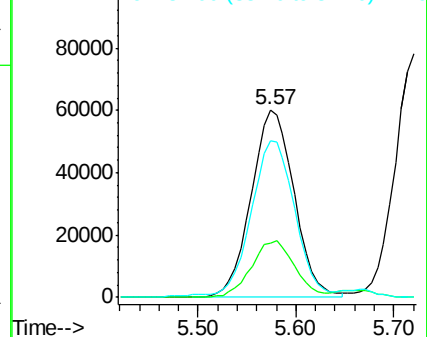
56 100

69 29.0 24.0 36.0

84 82.2 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 50.082 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

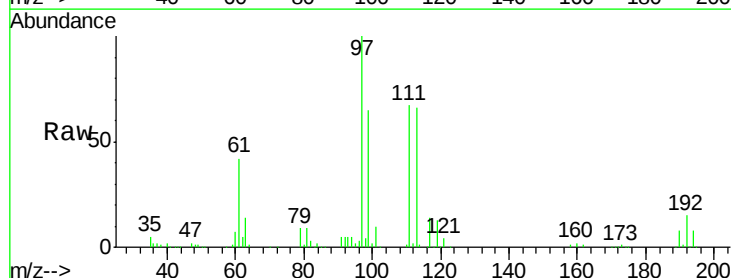
Tgt Ion: 97 Resp: 165039

Ion Ratio Lower Upper

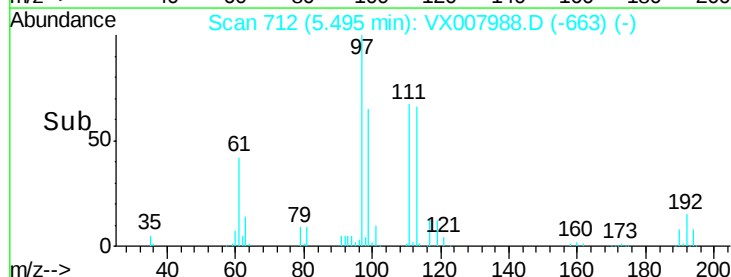
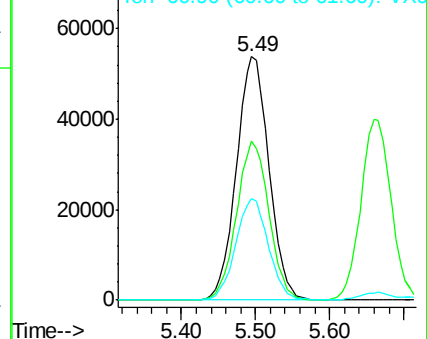
97 100

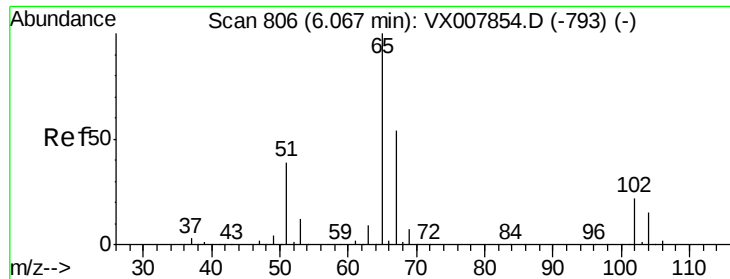
99 64.8 52.2 78.2

61 41.9 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

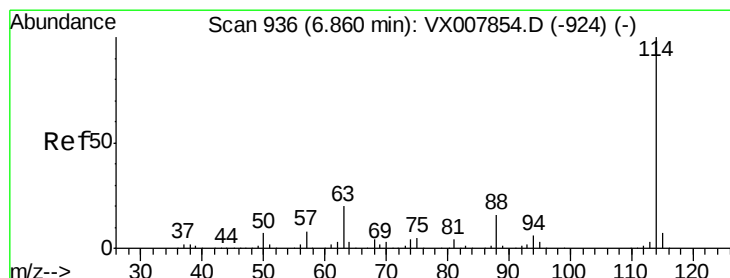
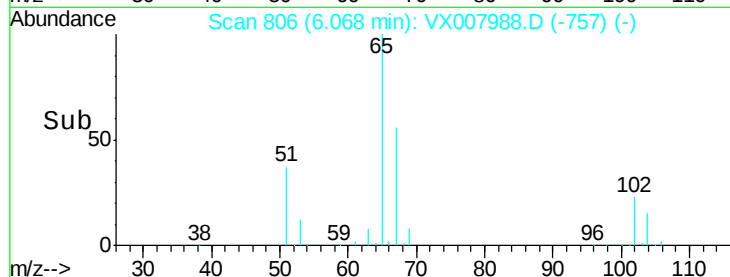
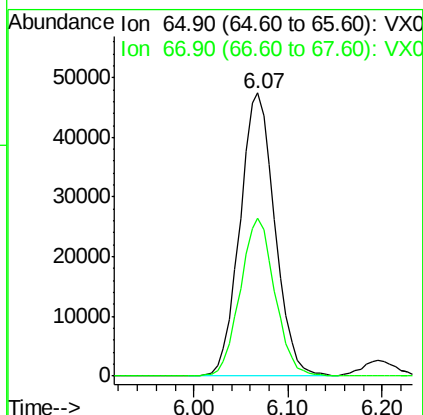
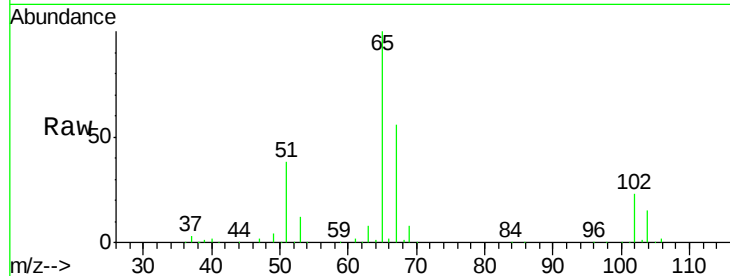




#33
 1,2-Dichloroethane-d4
 Concen: 48.893 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

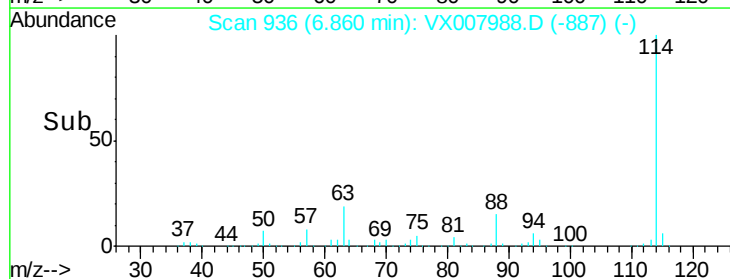
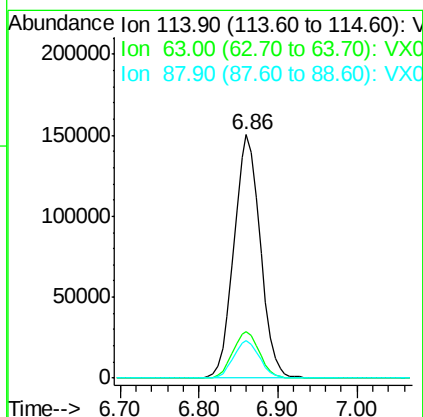
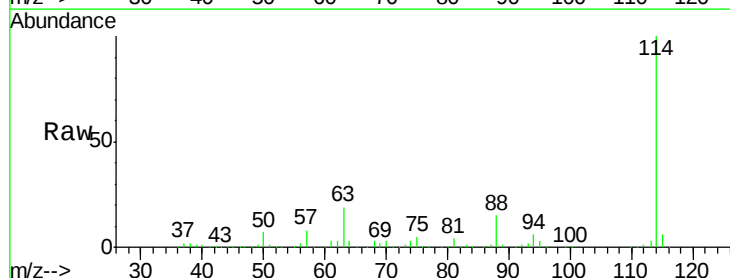
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

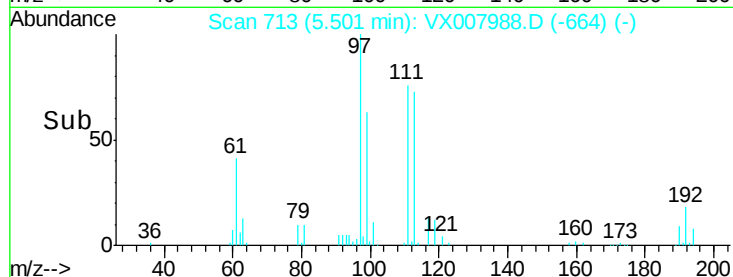
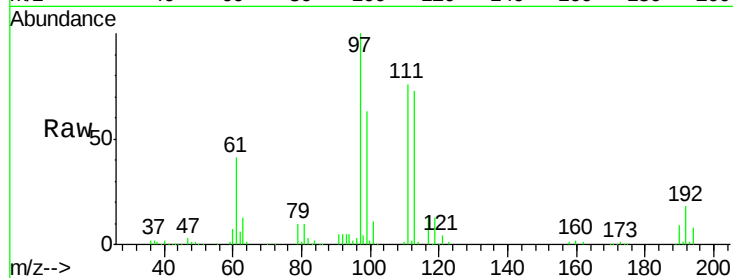
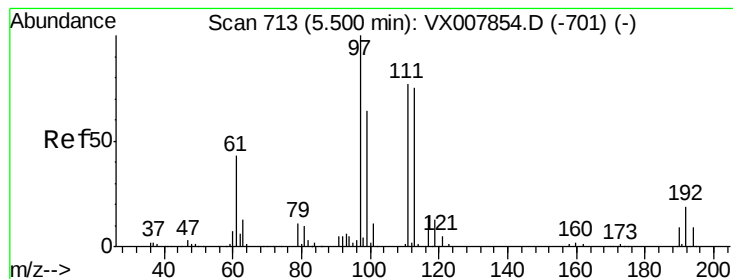
Tot Ion: 65 Resp: 122791
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion: 114 Resp: 349565
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.513 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

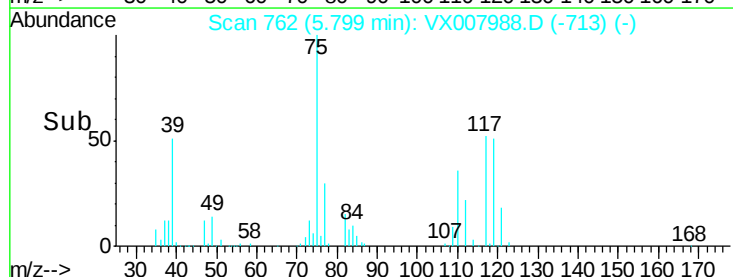
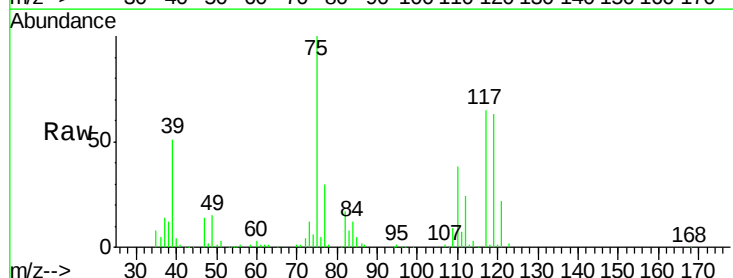
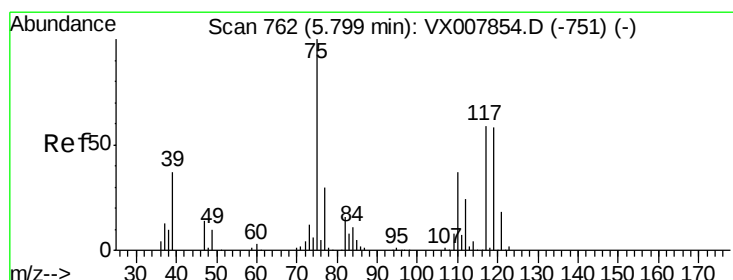
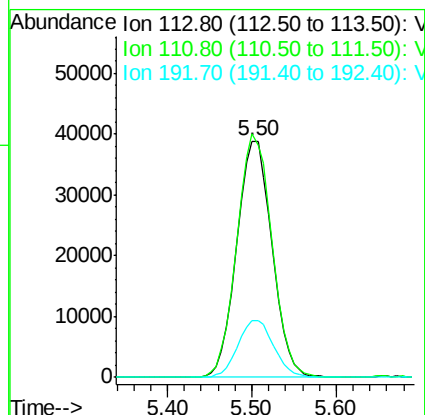
Tot Ion:113 Resp: 110714

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.3 19.4 29.0



#36

1,1-Dichloropropene

Concen: 47.512 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

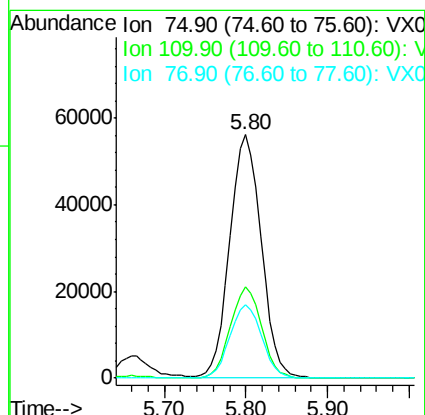
Tgt Ion: 75 Resp: 150386

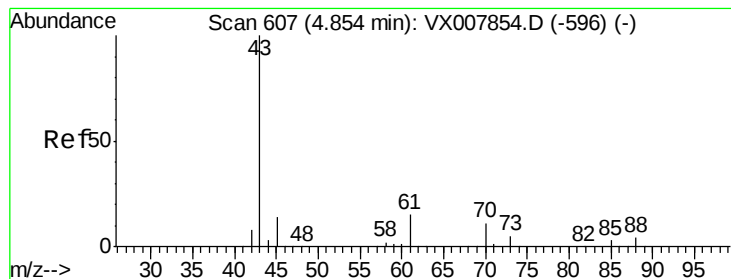
Ion Ratio Lower Upper

75 100

110 37.1 18.4 55.0

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 39.923 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

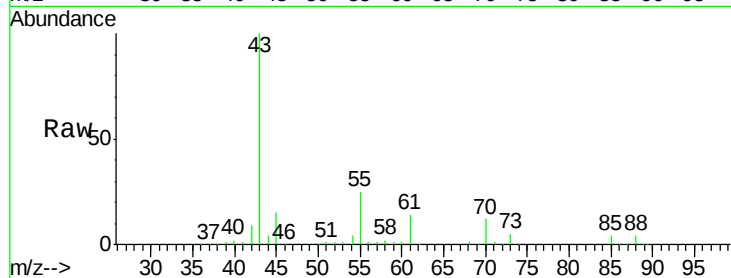
Tot Ion: 43 Resp: 149957

Ion Ratio Lower Upper

43 100

61 14.5 11.3 16.9

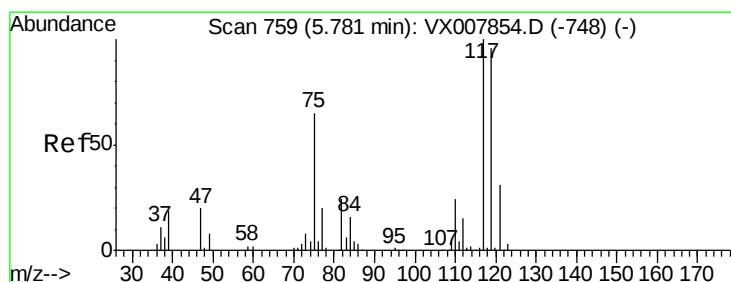
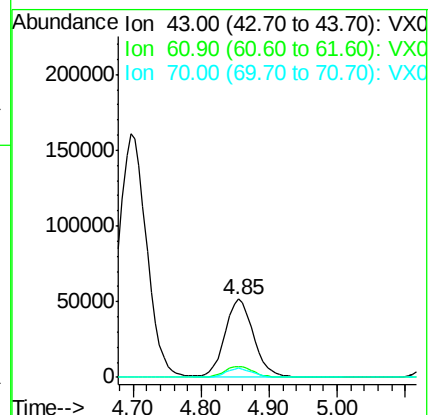
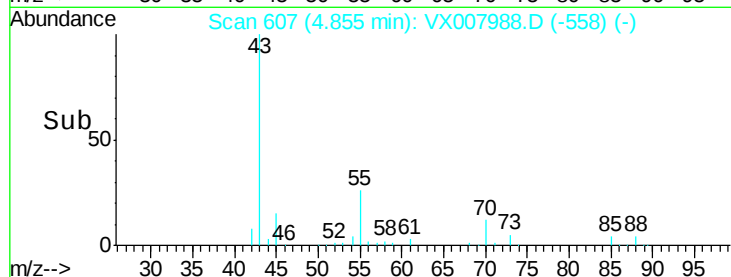
70 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX007988.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VX007988.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX007988.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 49.994 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

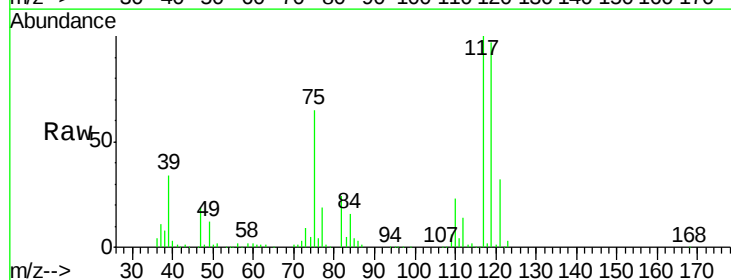
Tgt Ion: 117 Resp: 150230

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

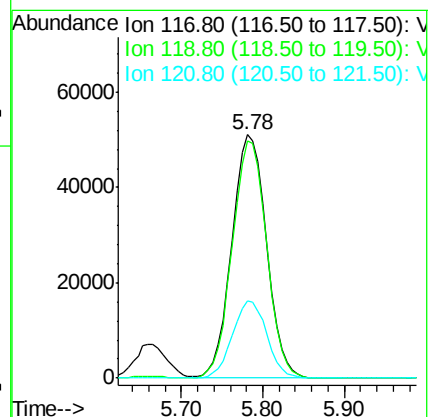
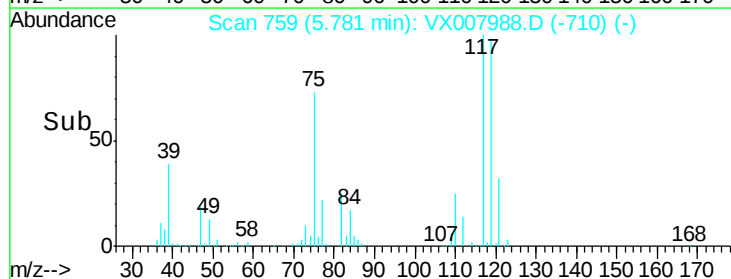
121 31.7 24.6 36.8

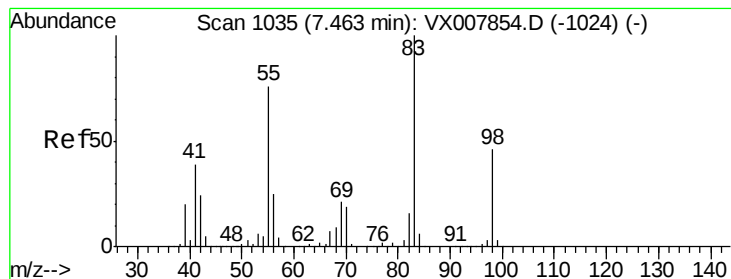


Abundance Ion 116.80 (116.50 to 117.50): VX007988.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX007988.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX007988.D (-710) (-)





#39

Methvlcvclohexane

Concen: 46.955 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

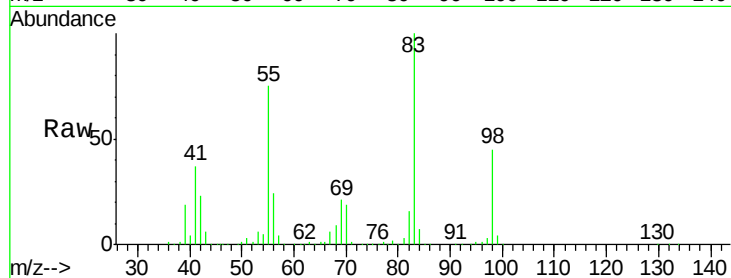
Tot Ion: 83 Resp: 180092

Ion Ratio Lower Upper

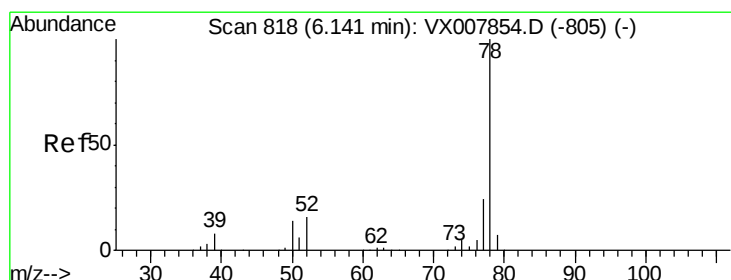
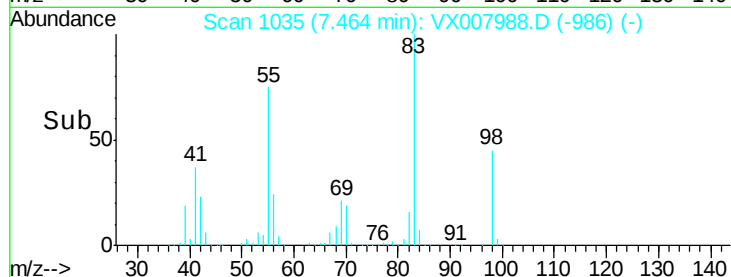
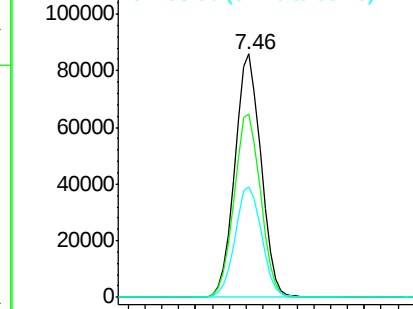
83 100

55 75.2 60.4 90.6

98 45.4 36.5 54.7



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



#40

Benzene

Concen: 48.631 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007988.D

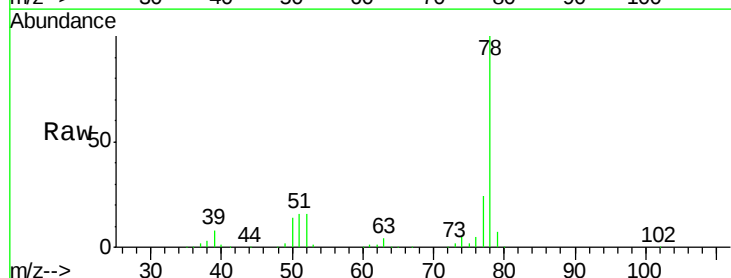
Acq: 11 Mar 2019 23:23

Tgt Ion: 78 Resp: 458250

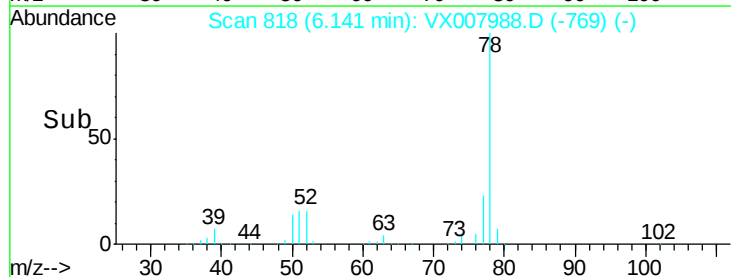
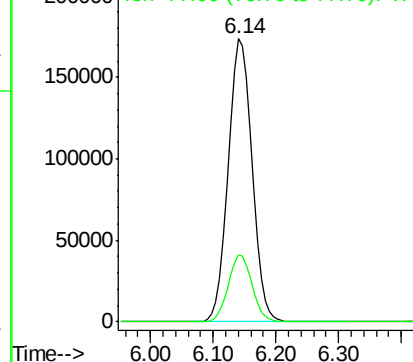
Ion Ratio Lower Upper

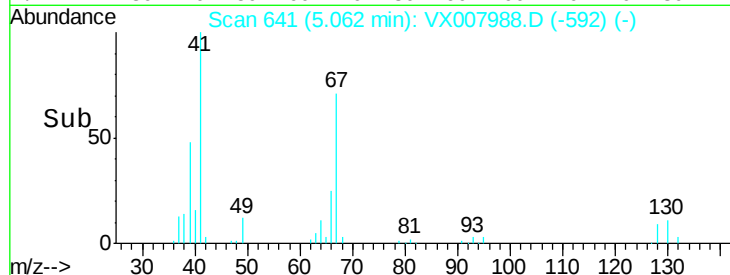
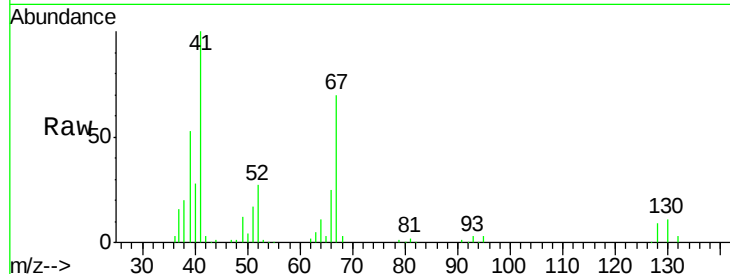
78 100

77 23.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 47.526 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

Tot Ion: 41 Resp: 97327

Ion Ratio Lower Upper

41 100

39 52.7 41.6 62.4

67 71.8 55.8 83.6

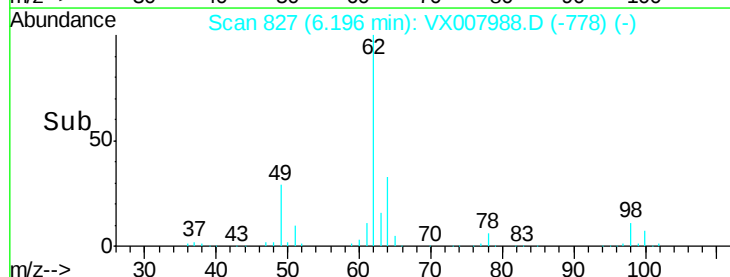
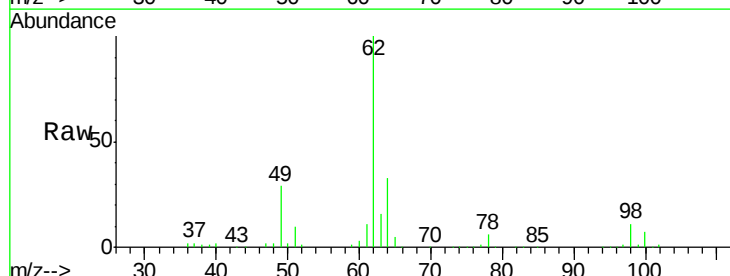
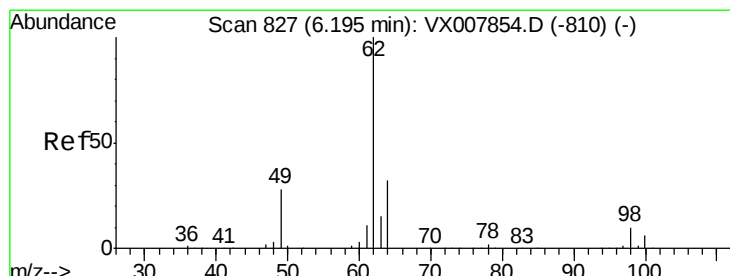
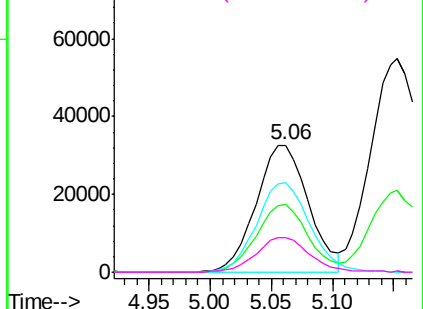
52 28.4 21.7 32.5

Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.142 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Tgt Ion: 62 Resp: 148358

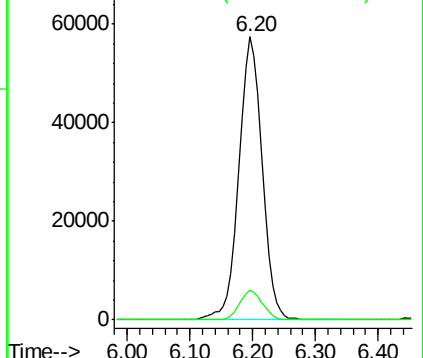
Ion Ratio Lower Upper

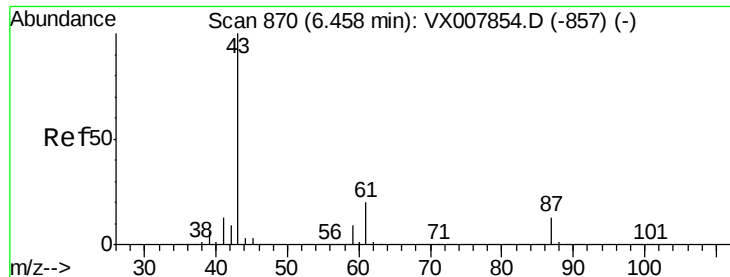
62 100

98 10.2 0.0 20.4

Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



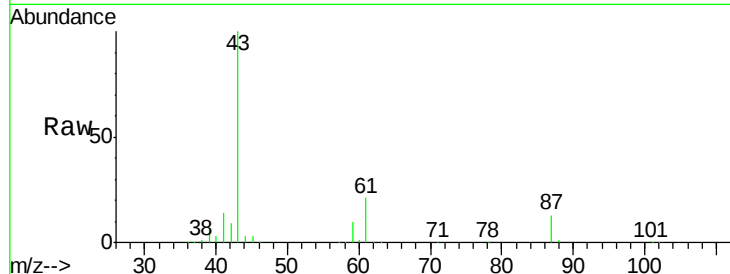


#43

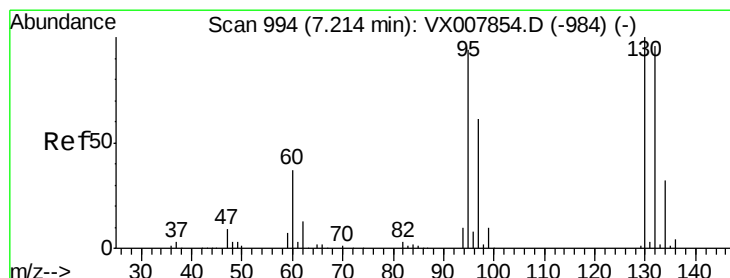
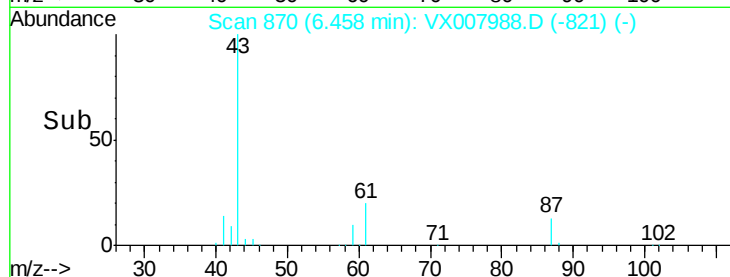
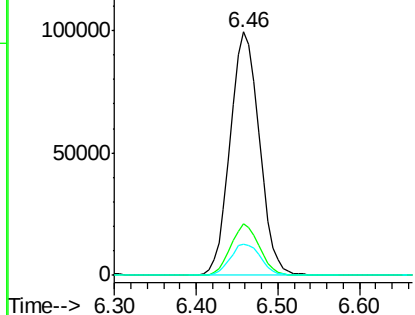
Isopropyl Acetate
 Concen: 44.092 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

Tot Ion: 43 Resp: 245106
 Ion Ratio Lower Upper
 43 100
 61 20.7 16.3 24.5
 87 13.4 10.5 15.7



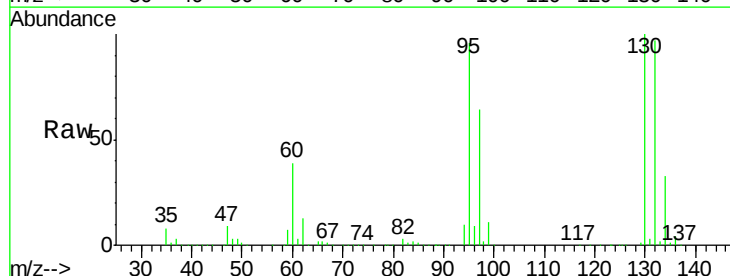
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



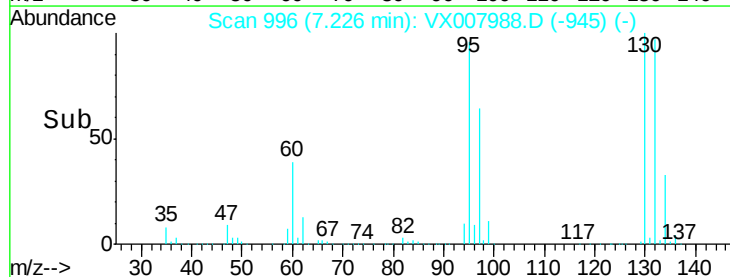
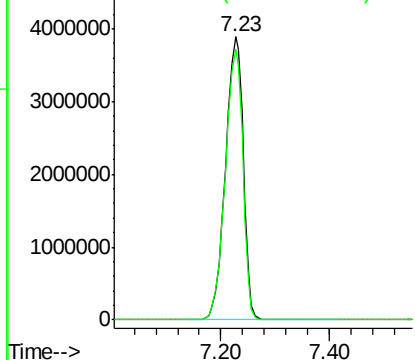
#44

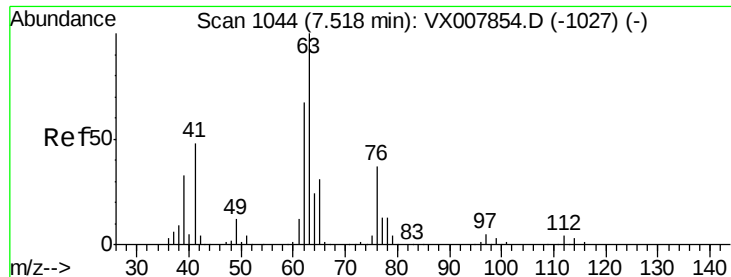
Trichloroethene
 Concen: 3410.413 ug/l
 RT: 7.23 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion: 130 Resp: 8856258
 Ion Ratio Lower Upper
 130 100
 95 95.7 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: 47.566 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

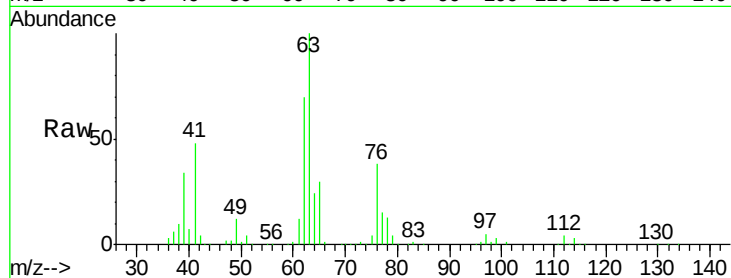
RE122D2-20190308MS

Tot Ion: 63 Resp: 118382

Ion Ratio Lower Upper

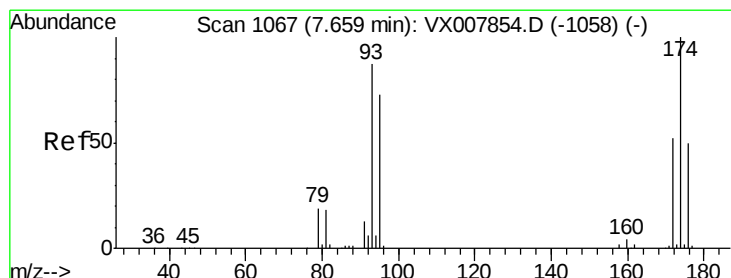
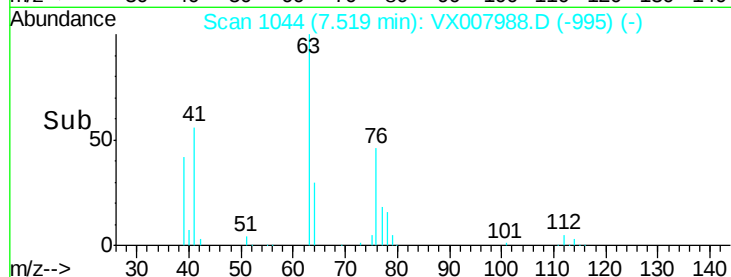
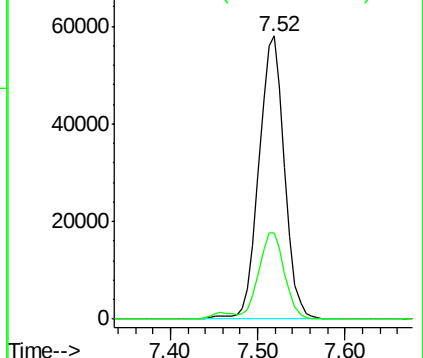
63 100

65 30.2 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: 48.711 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

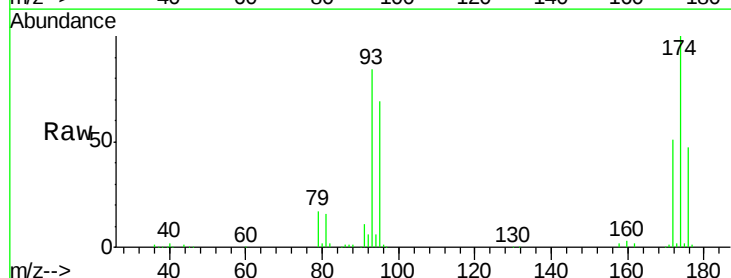
Tgt Ion: 93 Resp: 76723

Ion Ratio Lower Upper

93 100

95 83.0 66.8 100.2

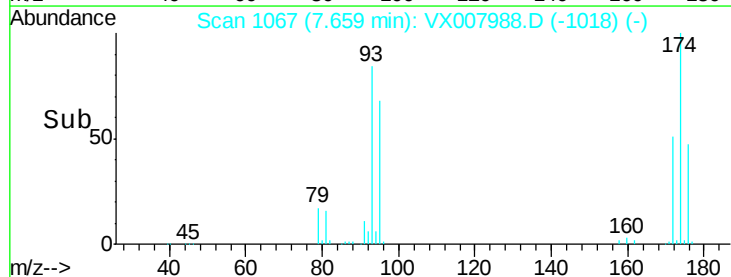
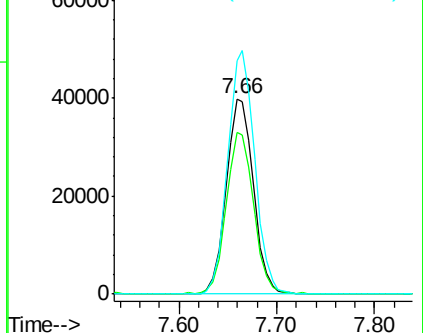
174 123.7 97.3 145.9

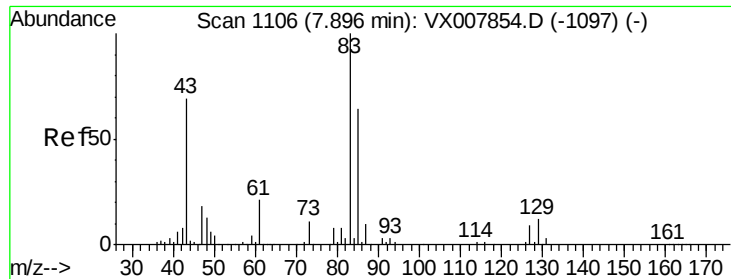


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.528 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

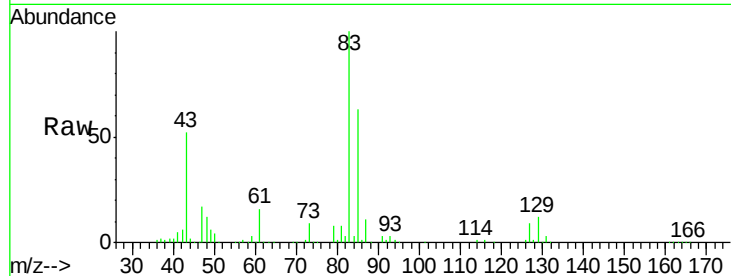
Tot Ion: 83 Resp: 144916

Ion Ratio Lower Upper

83 100

85 63.0 50.9 76.3

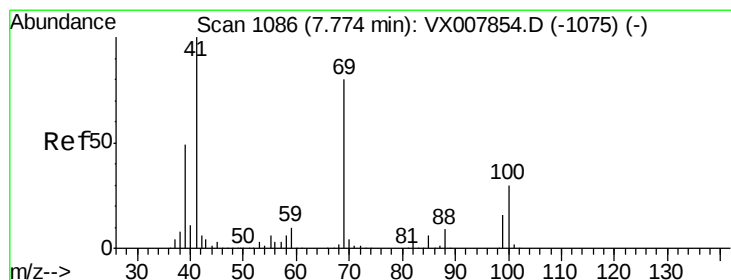
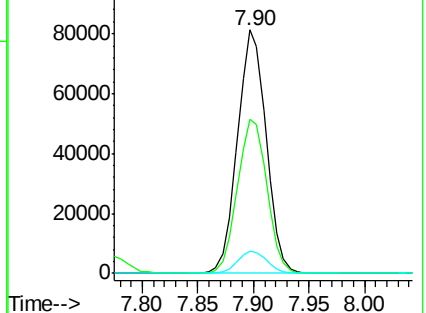
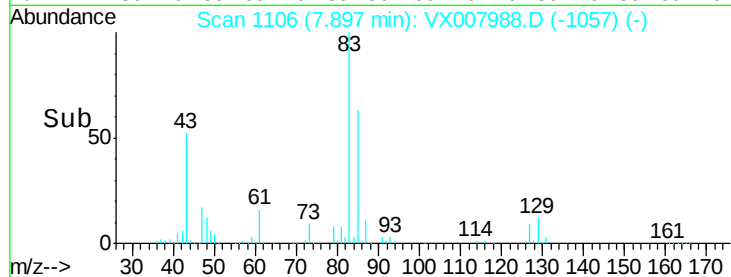
127 9.1 7.4 11.0



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: 47.227 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

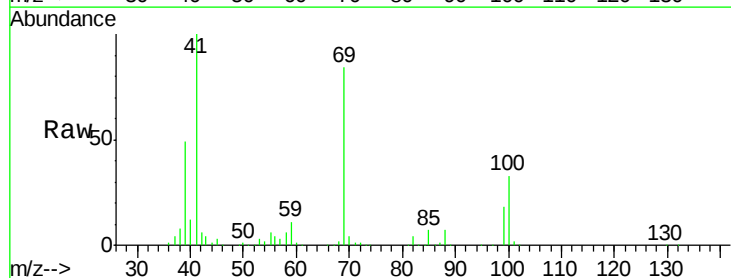
Tgt Ion: 41 Resp: 138030

Ion Ratio Lower Upper

41 100

69 84.3 65.2 97.8

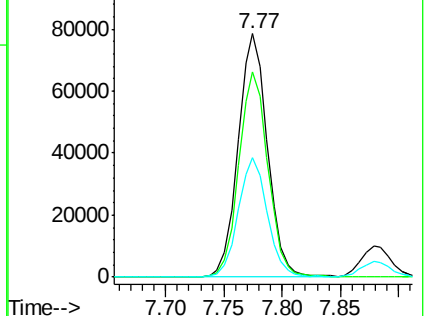
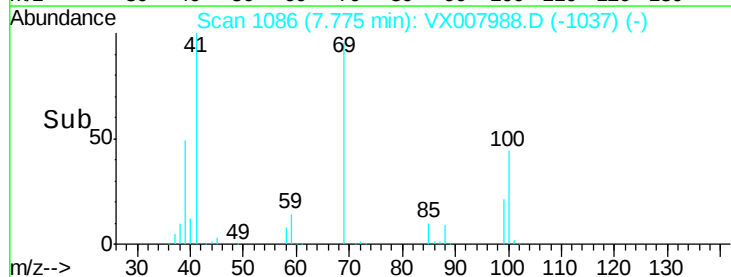
39 49.0 39.4 59.2

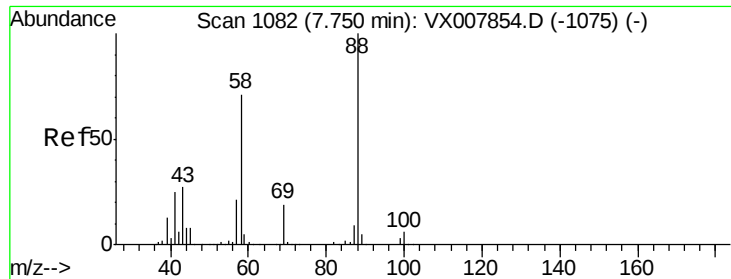


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 979.236 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

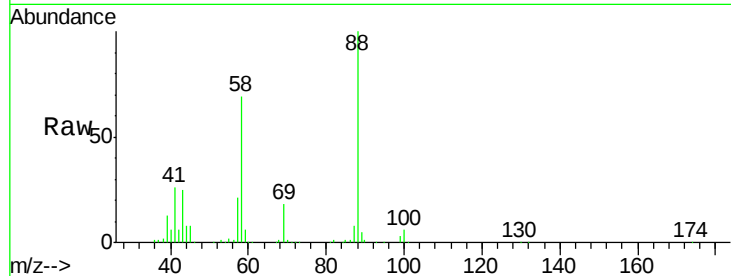
Tot Ion: 88 Resp: 58792

Ion Ratio Lower Upper

88 100

43 30.9 25.1 37.7

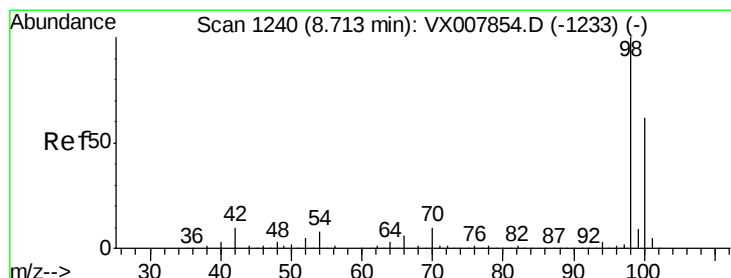
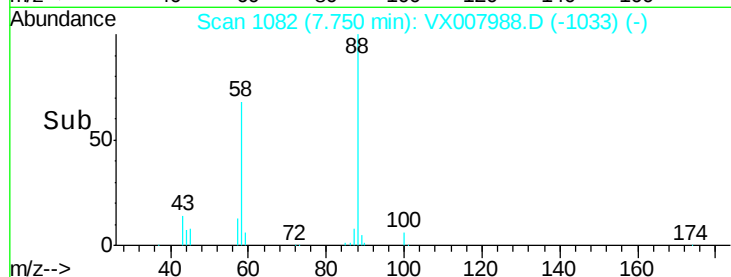
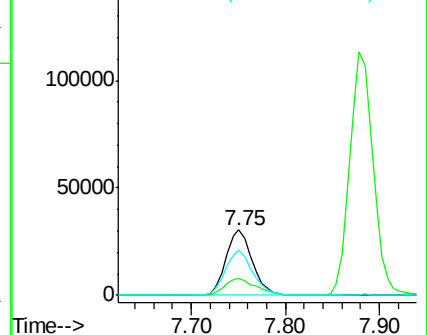
58 71.8 57.8 86.6



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: 49.699 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007988.D

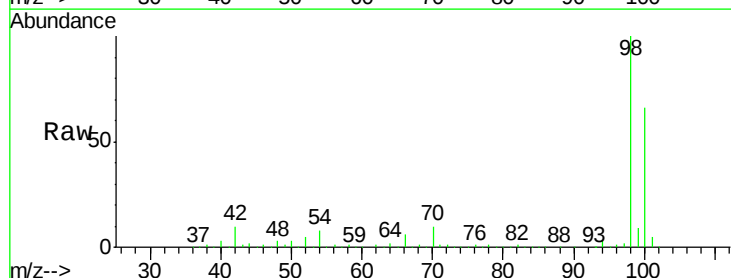
Acq: 11 Mar 2019 23:23

Tgt Ion: 98 Resp: 408125

Ion Ratio Lower Upper

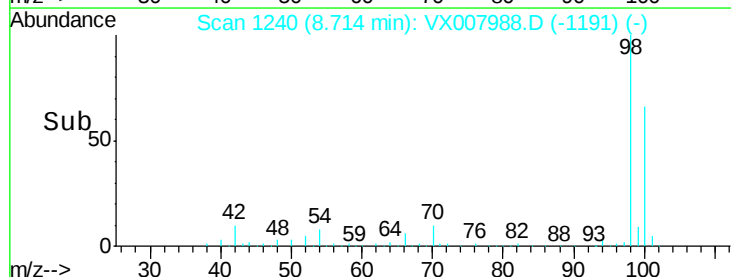
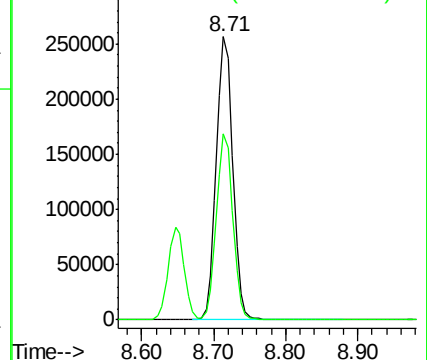
98 100

100 65.5 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: 239.682 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

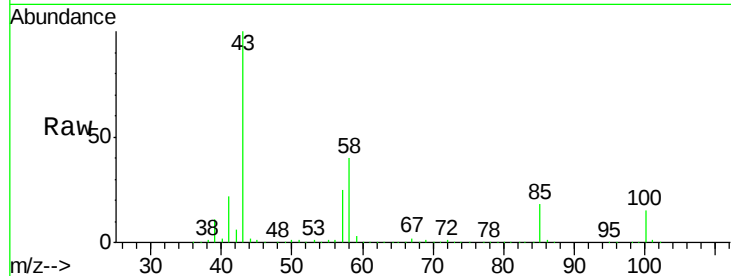
RE122D2-20190308MS

Tot Ion: 43 Resp: 856866

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

8.65

600000

500000

400000

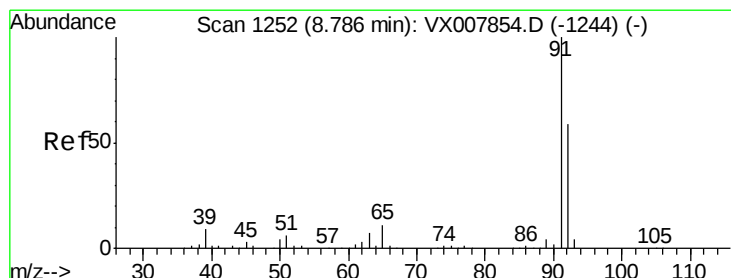
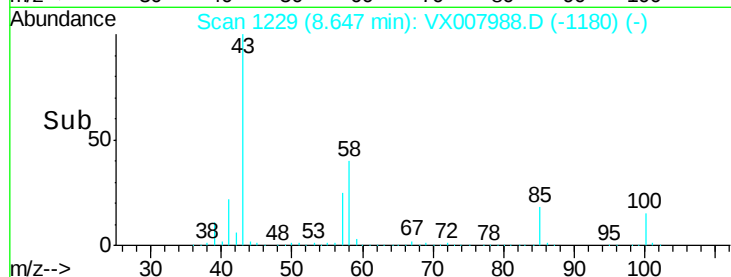
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.896 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007988.D

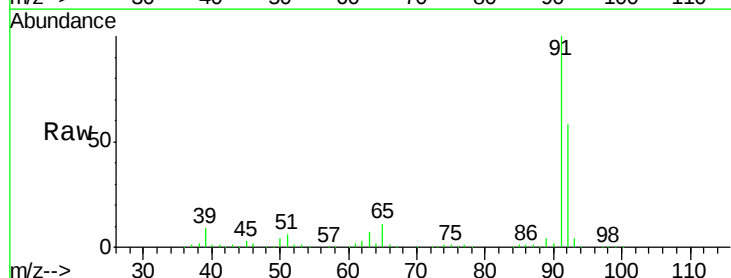
Acq: 11 Mar 2019 23:23

Tgt Ion: 92 Resp: 281300

Ion Ratio Lower Upper

92 100

91 172.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

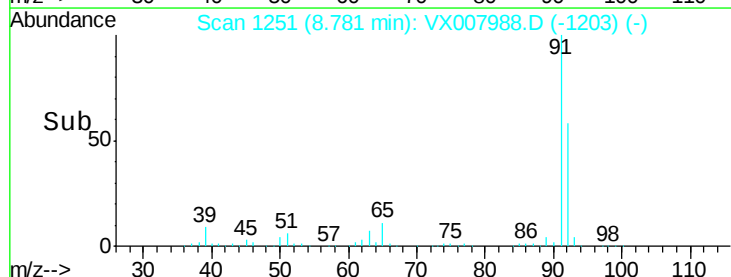
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.197 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

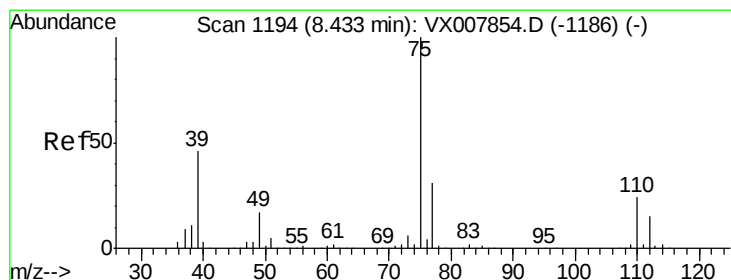
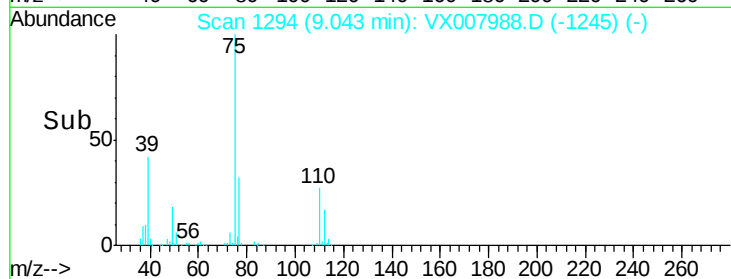
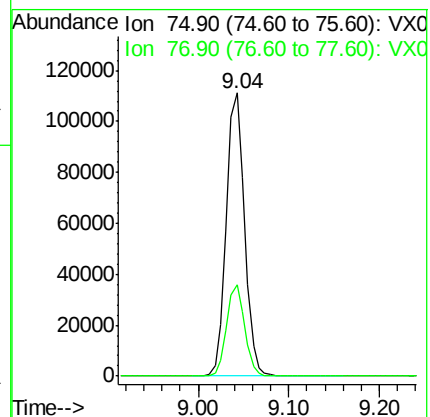
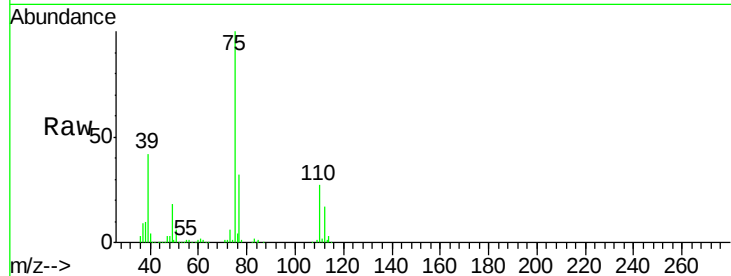
RE122D2-20190308MS

Tot Ion: 75 Resp: 156456

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 48.706 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

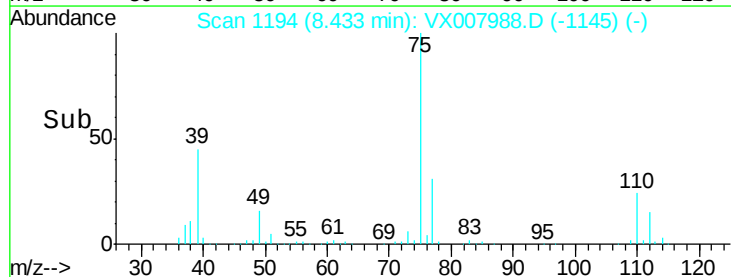
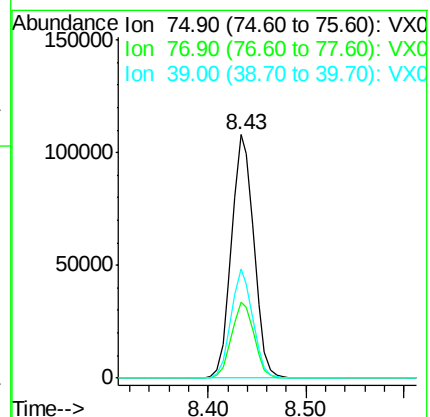
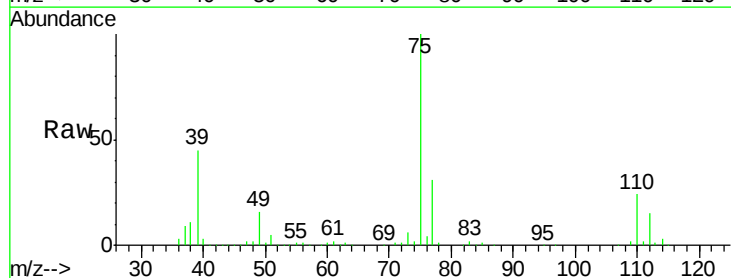
Tgt Ion: 75 Resp: 171429

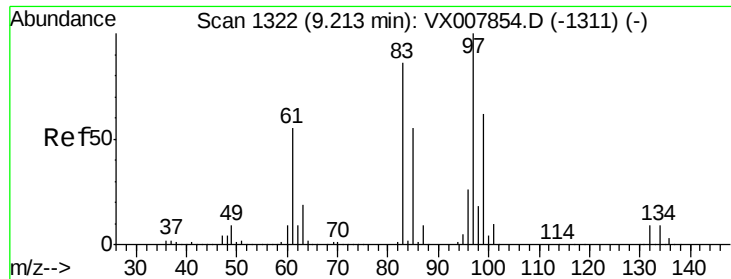
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 44.8 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 51.744 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

Tot Ion: 97 Resp: 120505

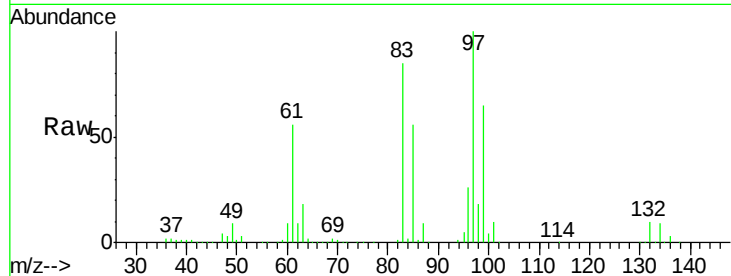
Ion Ratio Lower Upper

97 100

83 85.3 69.1 103.7

85 56.5 44.3 66.5

99 64.8 49.8 74.8

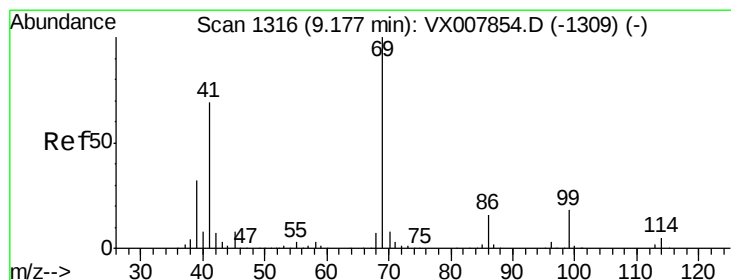
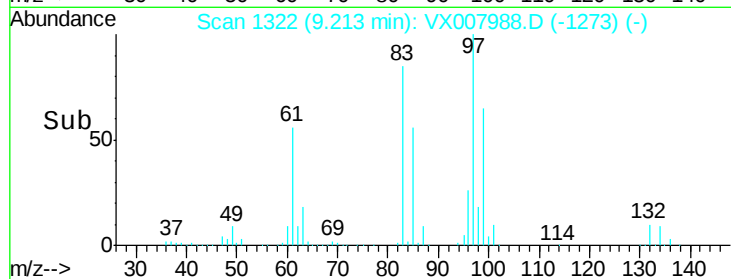
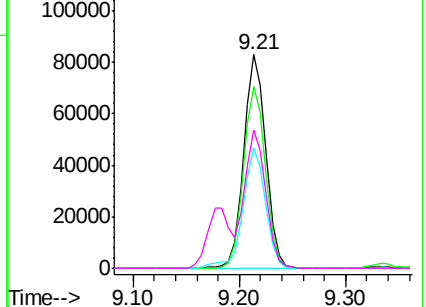


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.955 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

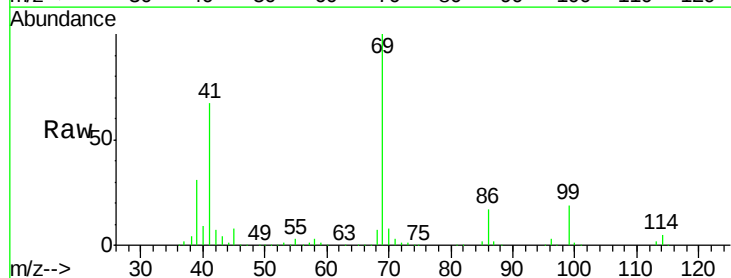
Tgt Ion: 69 Resp: 174678

Ion Ratio Lower Upper

69 100

41 65.8 54.2 81.4

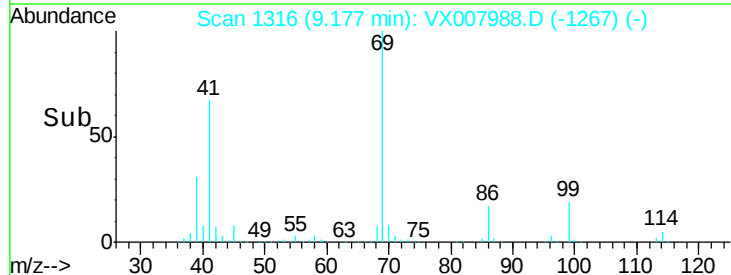
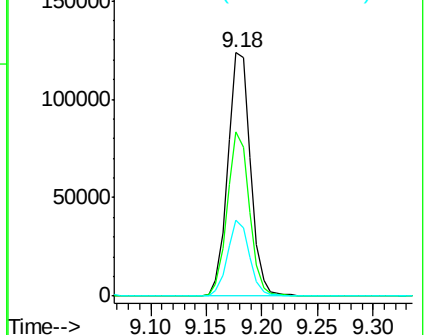
39 30.1 25.0 37.4

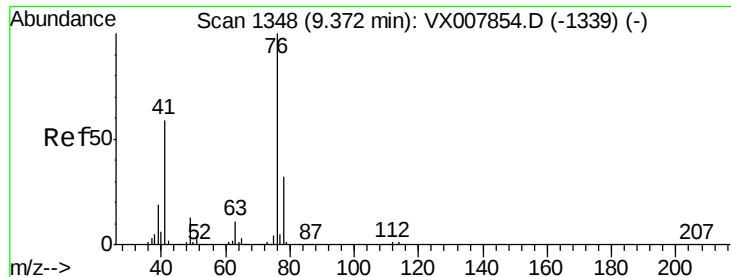


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.062 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

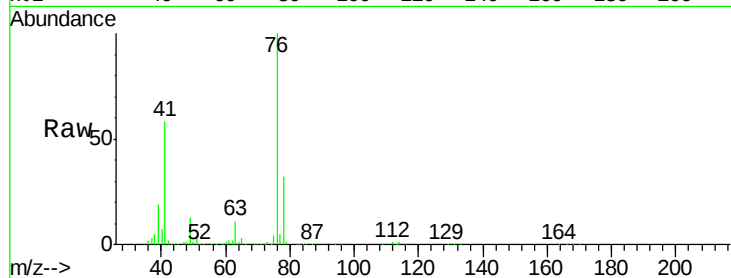
RE122D2-20190308MS

Tot Ion: 76 Resp: 191849

Ion Ratio Lower Upper

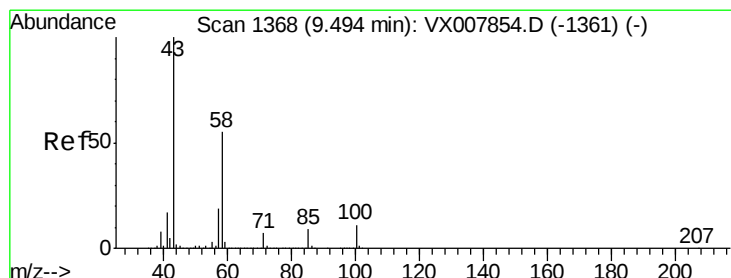
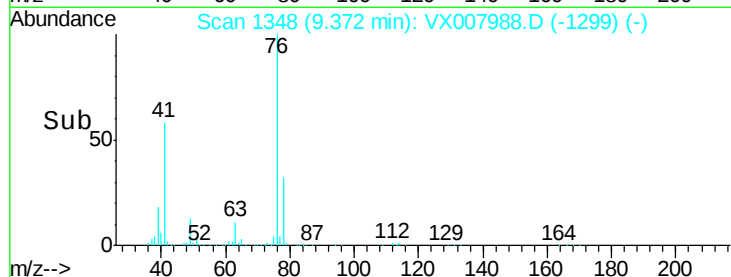
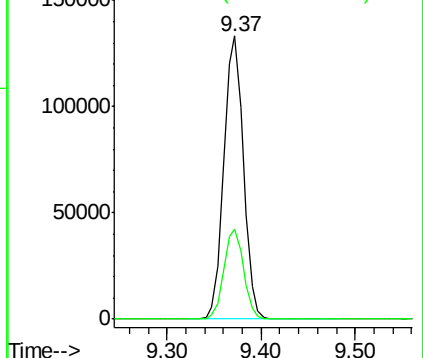
76 100

78 32.0 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: 231.169 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007988.D

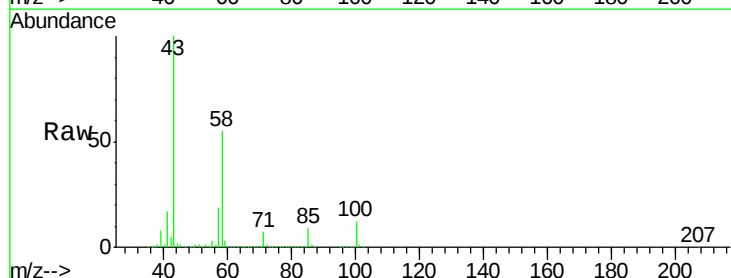
Acq: 11 Mar 2019 23:23

Tgt Ion: 43 Resp: 641626

Ion Ratio Lower Upper

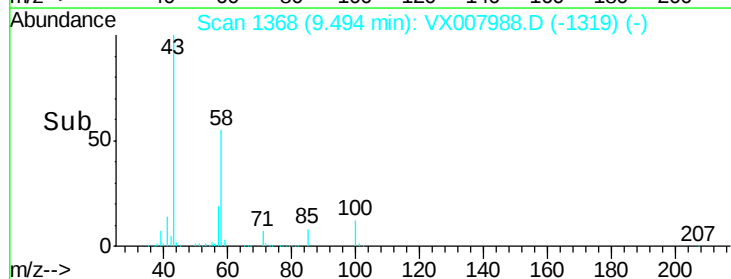
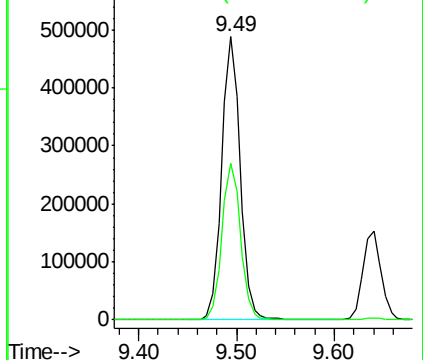
43 100

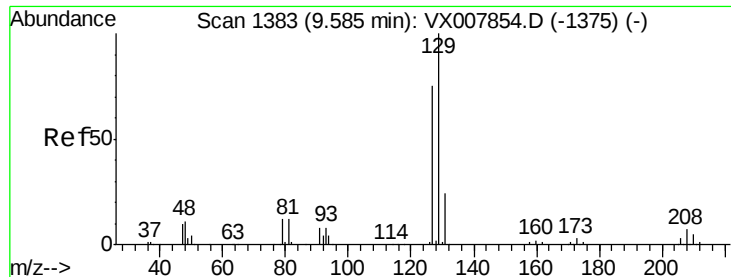
58 56.0 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 50.443 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

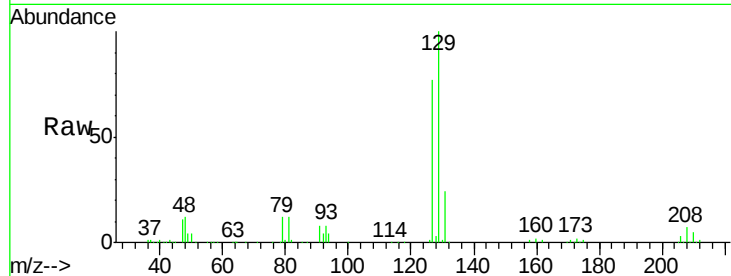
RE122D2-20190308MS

Tot Ion:129 Resp: 122791

Ion Ratio Lower Upper

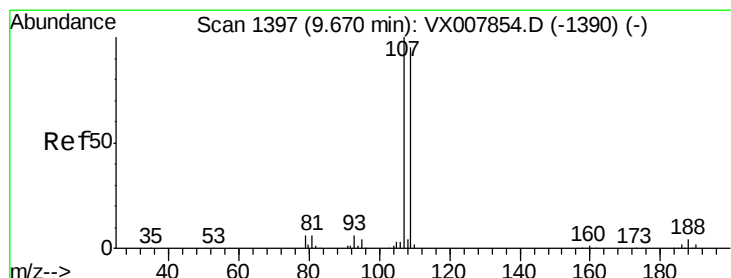
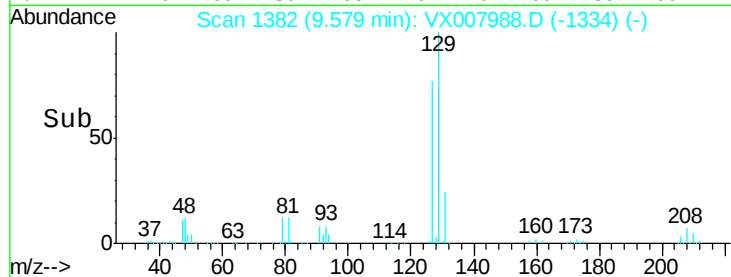
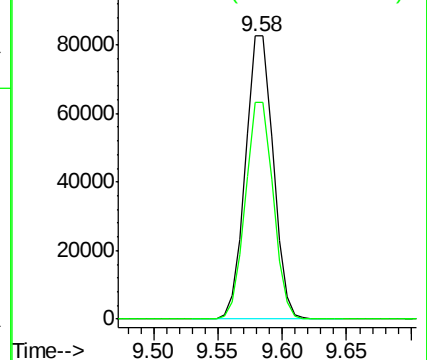
129 100

127 76.7 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.643 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007988.D

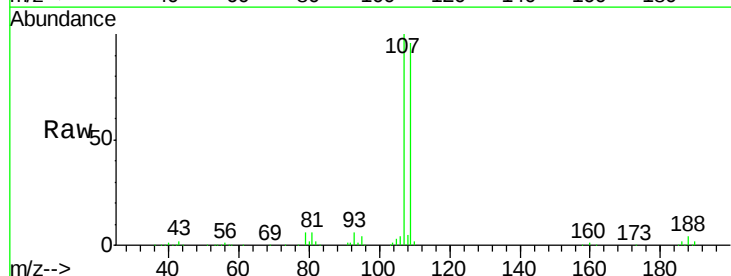
Acq: 11 Mar 2019 23:23

Tgt Ion:107 Resp: 122748

Ion Ratio Lower Upper

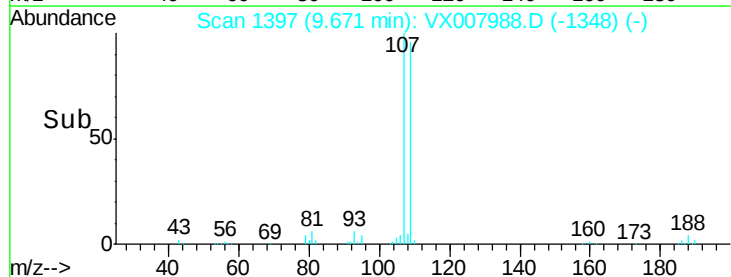
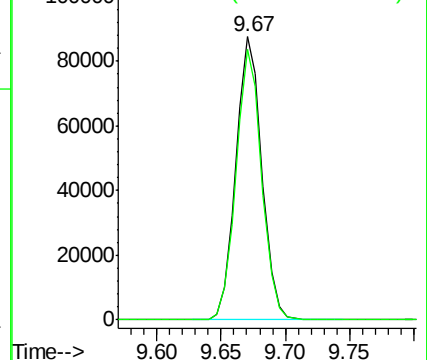
107 100

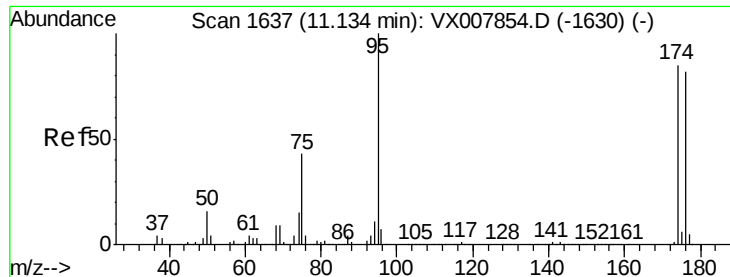
109 94.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.499 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

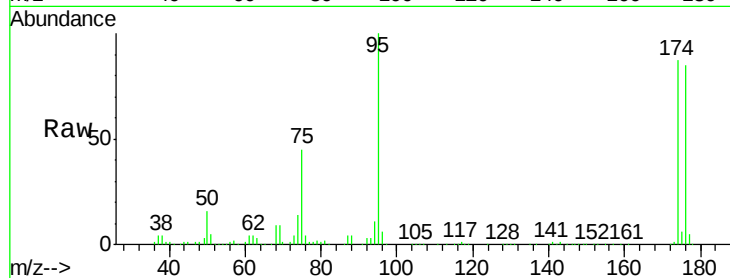
Tot Ion: 95 Resp: 145395

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.8

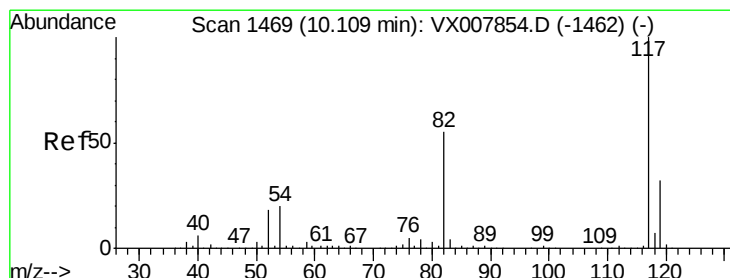
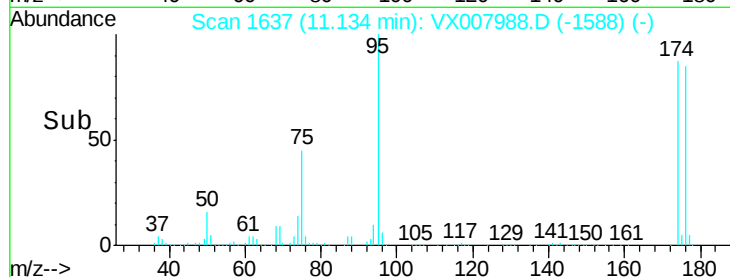
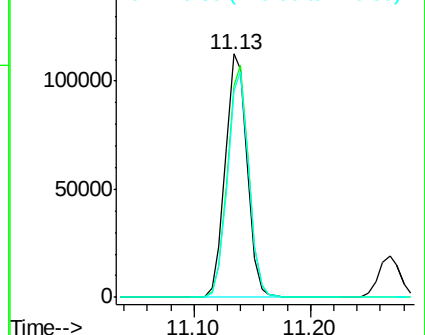
176 90.7 0.0 178.0



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: VX007988.D

Acq: 11 Mar 2019 23:23

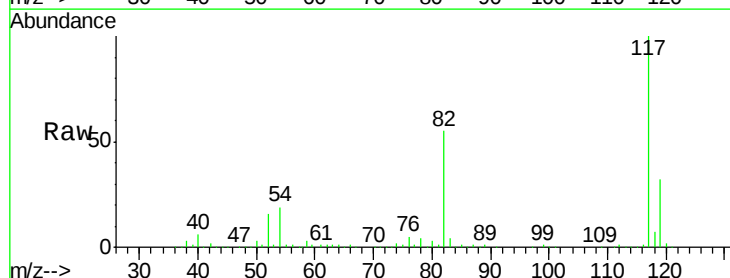
Tgt Ion: 117 Resp: 306463

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

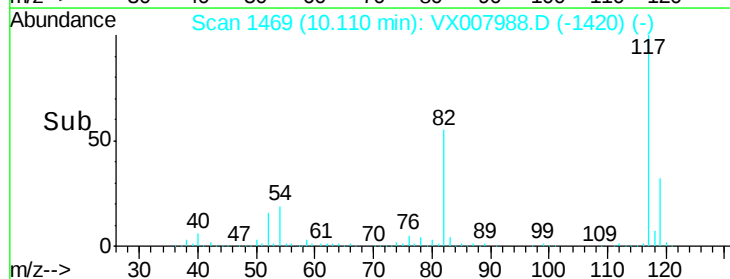
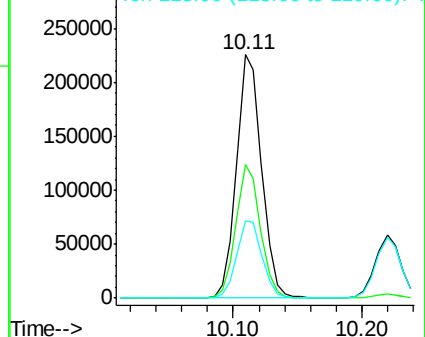
119 31.7 25.3 37.9

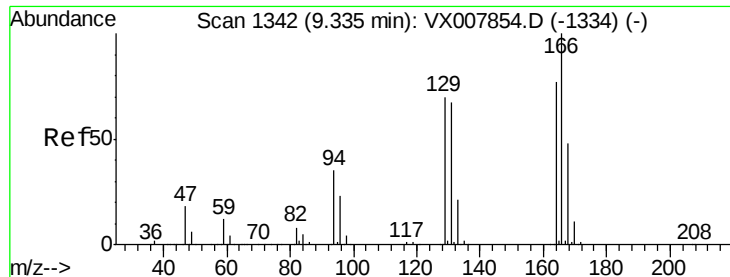


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

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

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

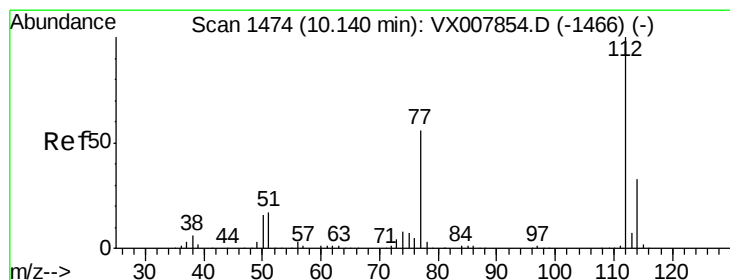
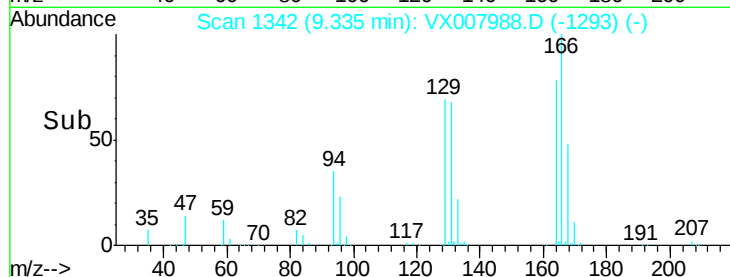
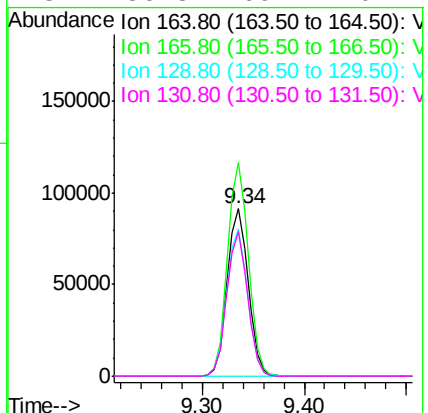
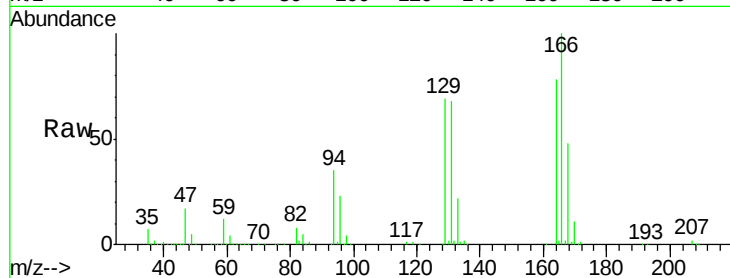




#64
Tetrachloroethene
Concen: 51.500 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

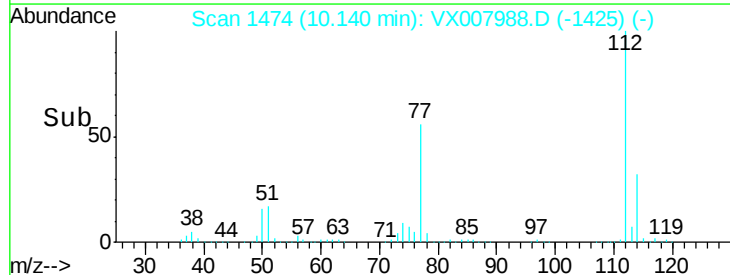
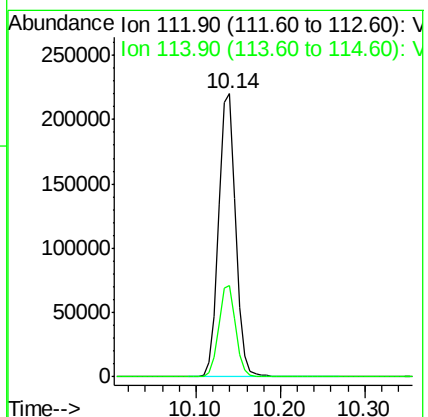
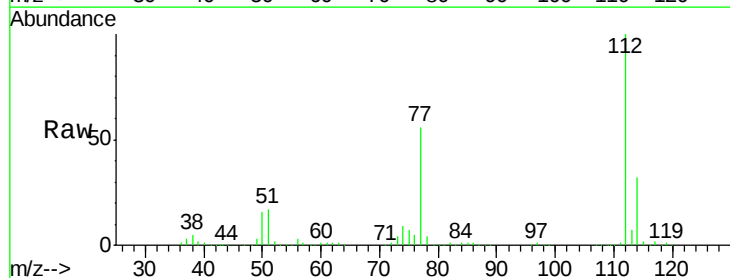
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

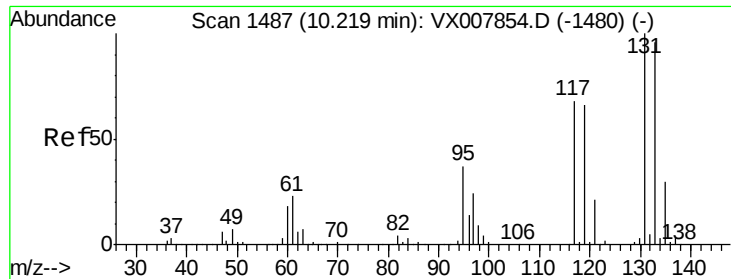
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.4	155.0
129	88.3	72.2	108.4
131	86.3	69.4	104.2



#65
Chlorobenzene
Concen: 48.432 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.489 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

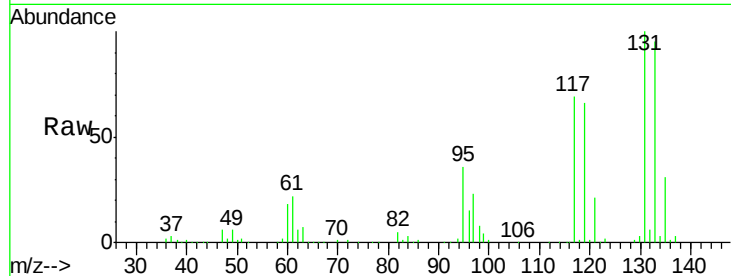
Tot Ion:131 Resp: 116044

Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

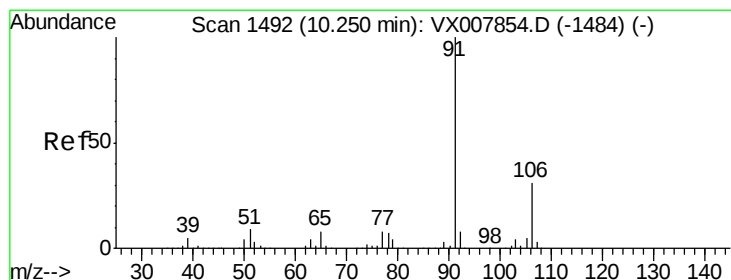
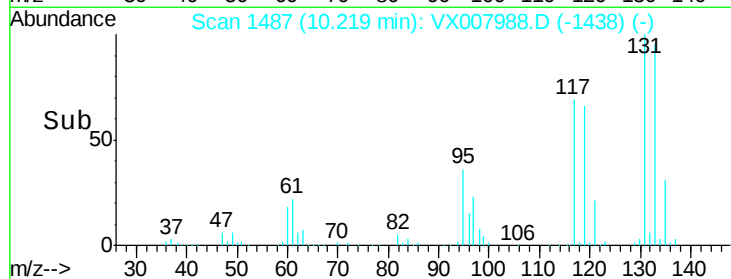
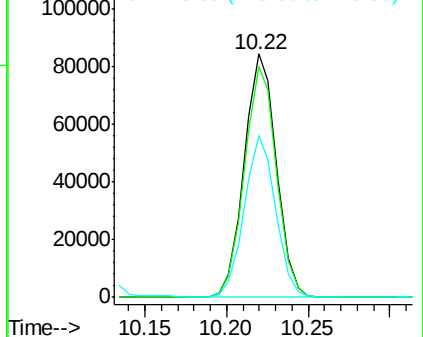
119 64.7 32.5 97.5



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: 49.152 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007988.D

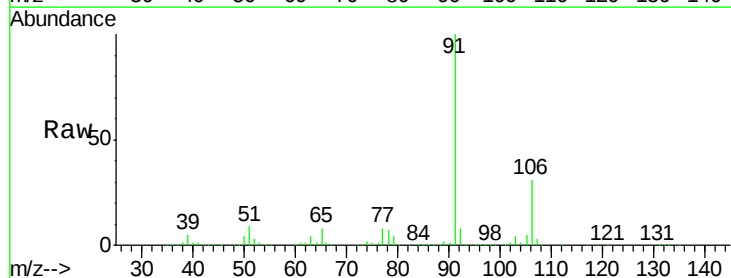
Acq: 11 Mar 2019 23:23

Tgt Ion: 91 Resp: 518867

Ion Ratio Lower Upper

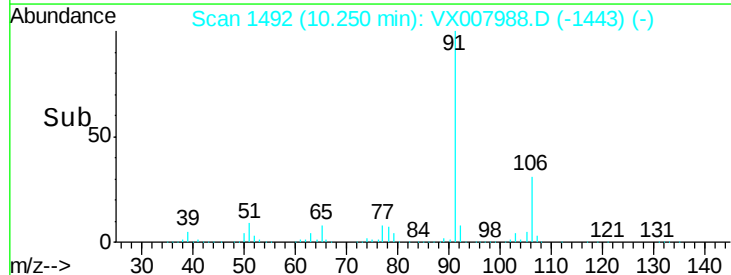
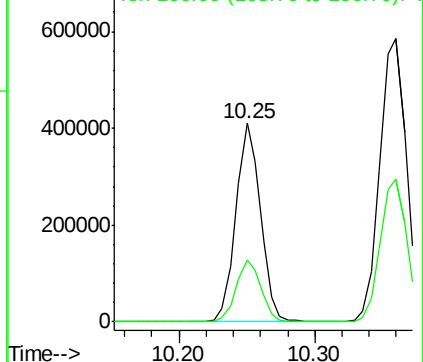
91 100

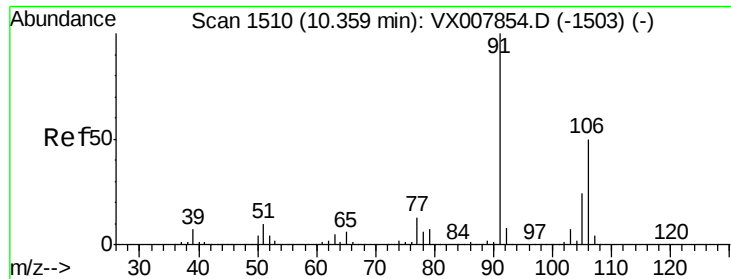
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

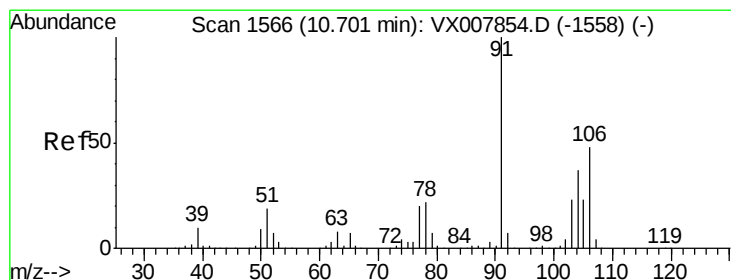
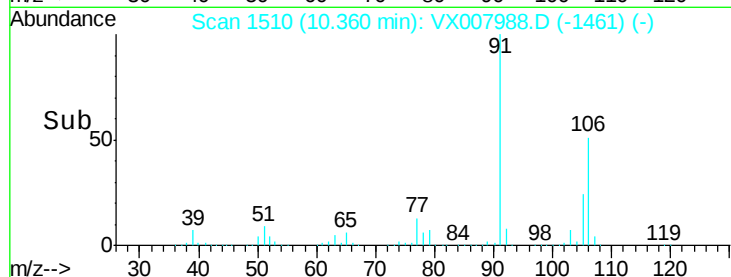
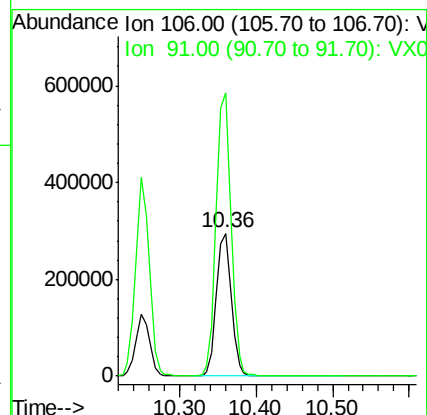
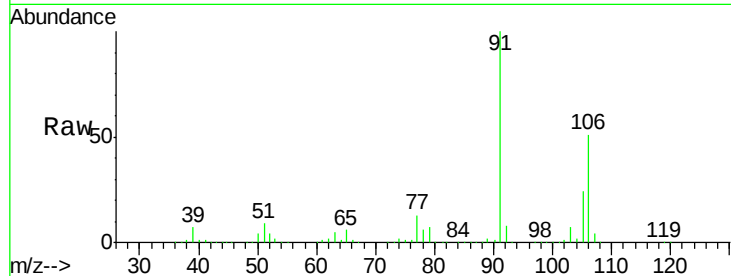




#68
m/p-Xylenes
Concen: 99.162 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

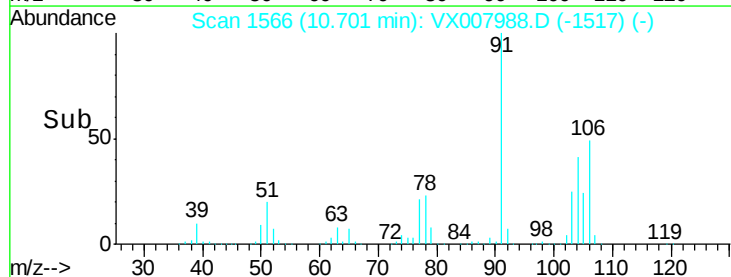
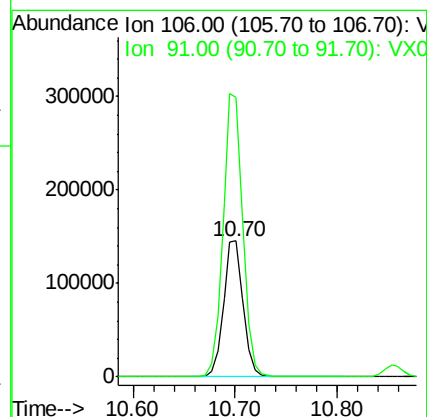
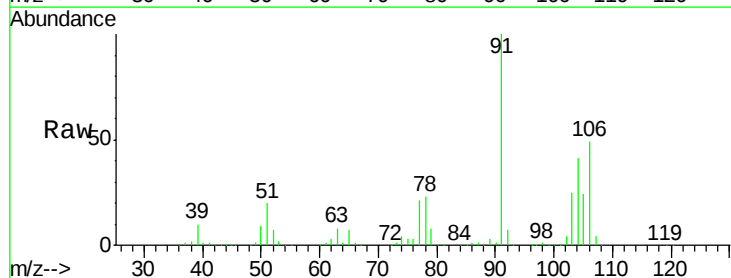
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

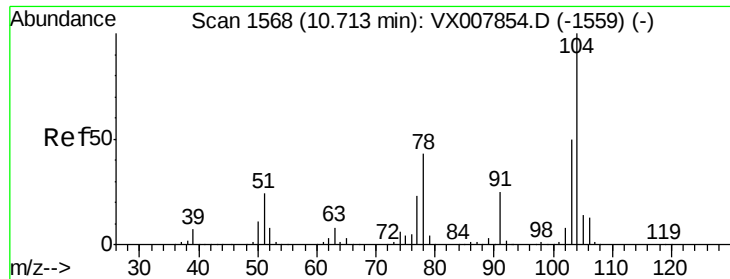
Tot Ion:106 Resp: 403487
Ion Ratio Lower Upper
106 100
91 199.6 159.8 239.6



#69
o-Xylene
Concen: 49.781 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion:106 Resp: 195557
Ion Ratio Lower Upper
106 100
91 209.5 106.3 318.9





#70

Stvrene

Concen: 50.386 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

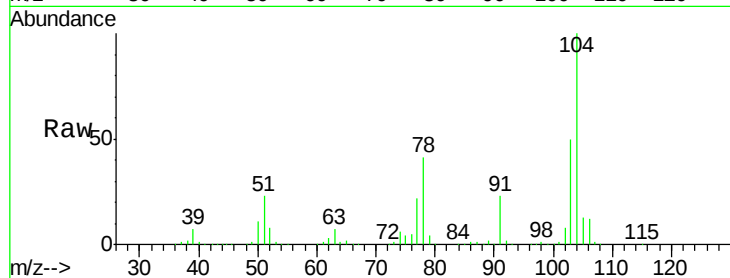
Tot Ion:104 Resp: 323897

Ion Ratio Lower Upper

104 100

78 48.0 38.5 57.7

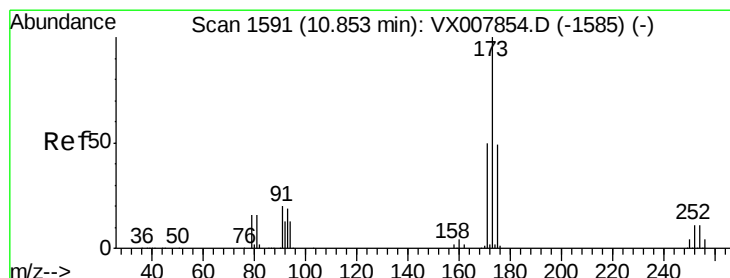
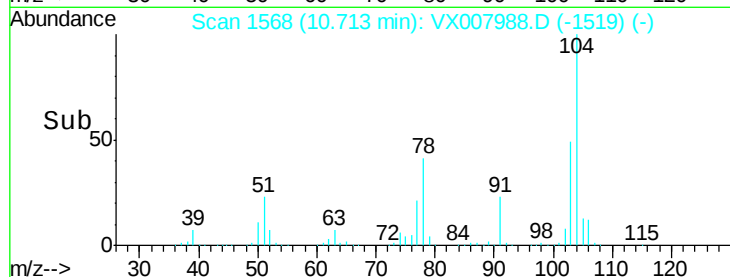
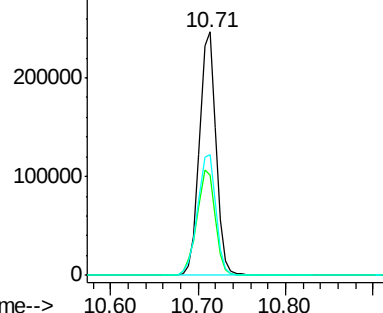
103 54.9 44.1 66.1



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: 49.427 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

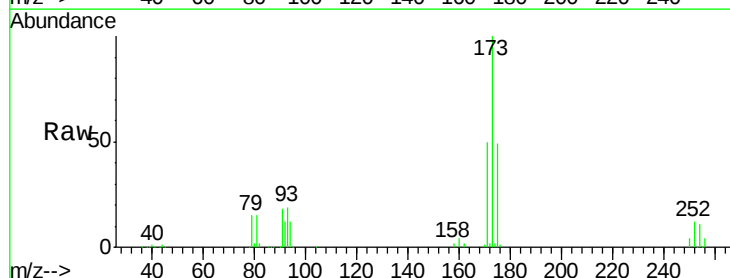
Tgt Ion:173 Resp: 97560

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.9

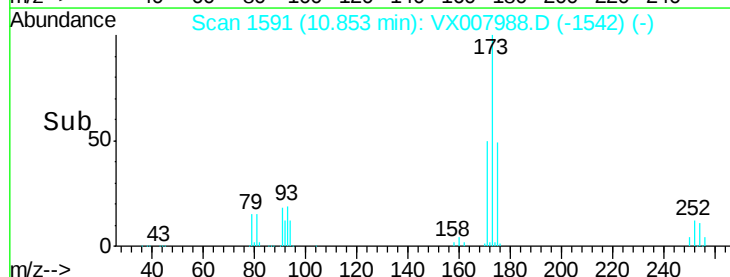
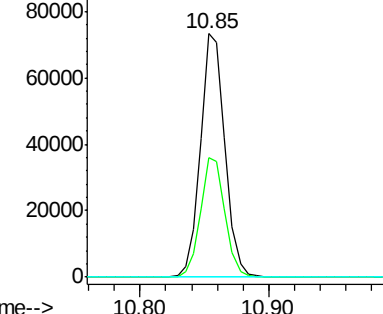
254 0.2 0.1 0.1#

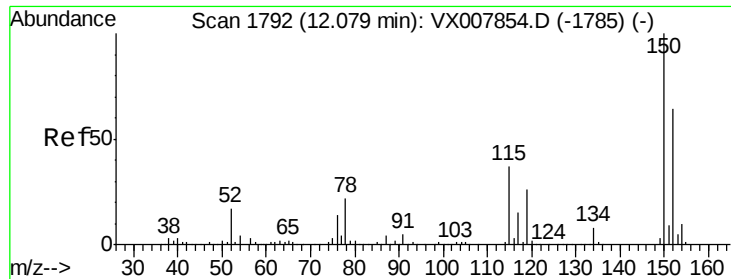


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

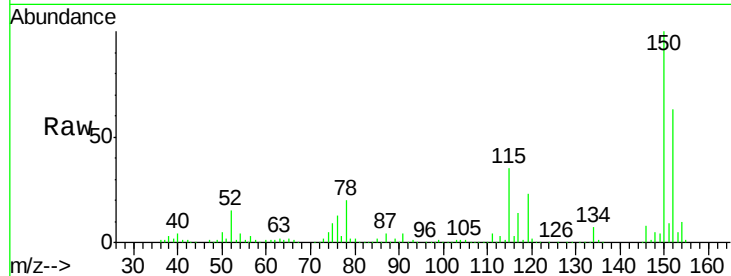
Tot Ion:152 Resp: 155654

Ion Ratio Lower Upper

152 100

115 75.3 38.6 115.7

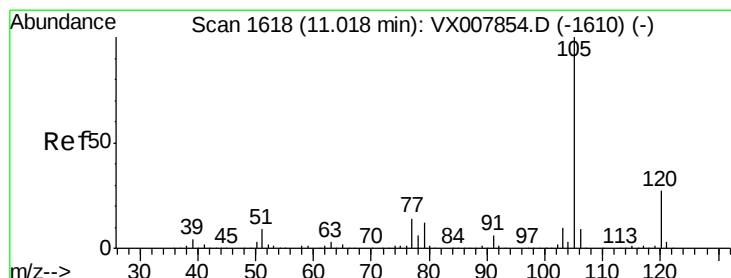
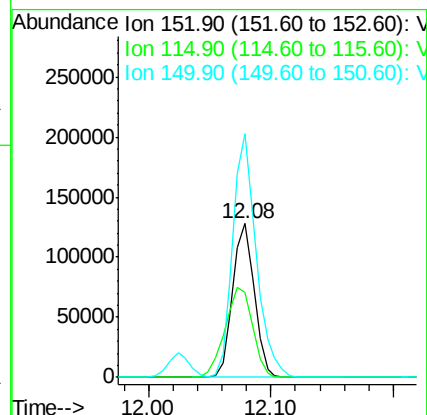
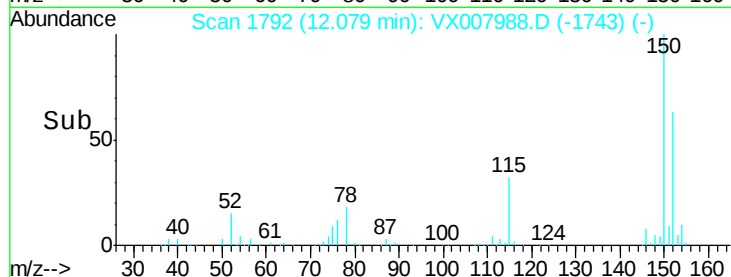
150 172.5 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.659 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007988.D

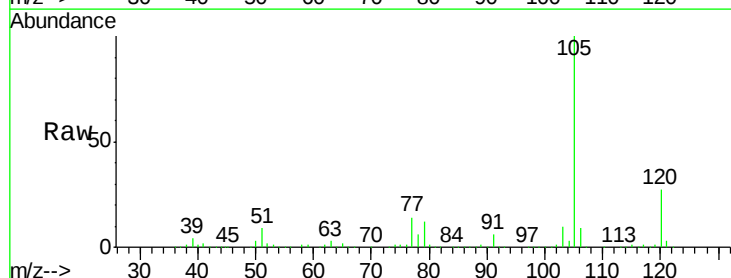
Acq: 11 Mar 2019 23:23

Tgt Ion:105 Resp: 522766

Ion Ratio Lower Upper

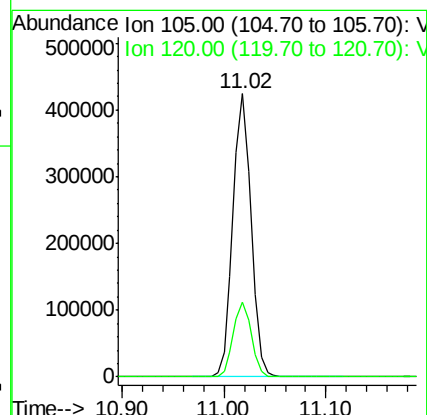
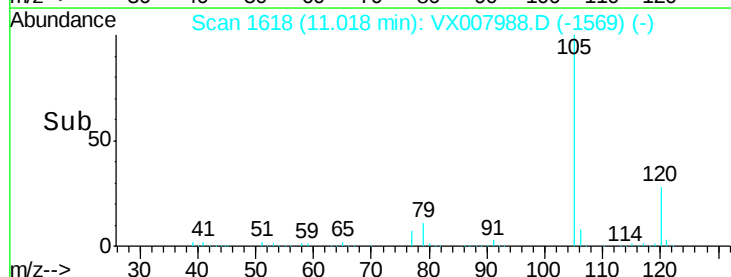
105 100

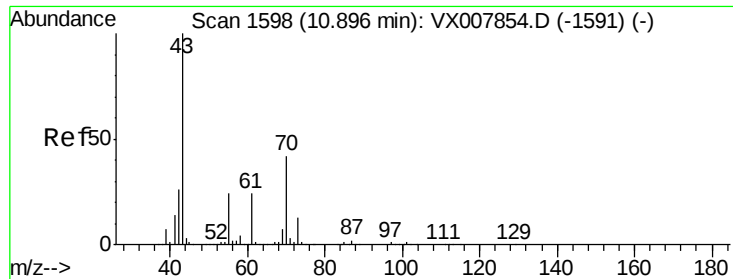
120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 39.578 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190308MS

Tot Ion: 43 Resp: 190210

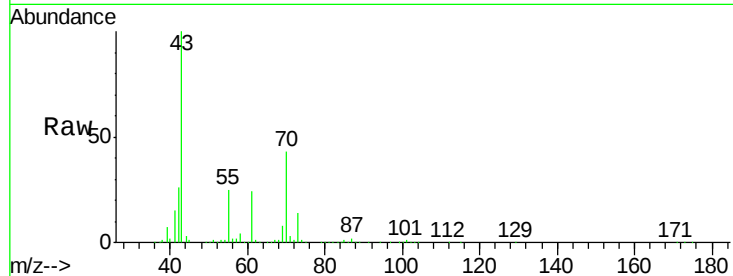
Ion Ratio Lower Upper

43 100

70 43.5 33.5 50.3

55 25.1 19.2 28.8

61 24.6 19.0 28.6

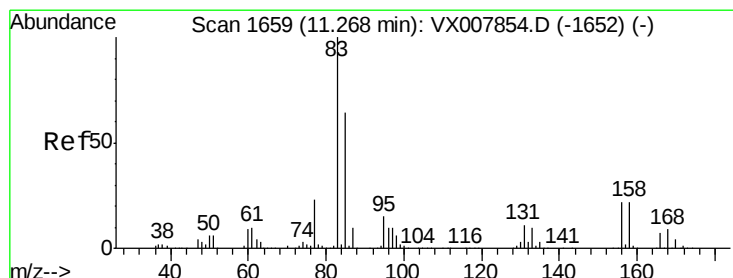
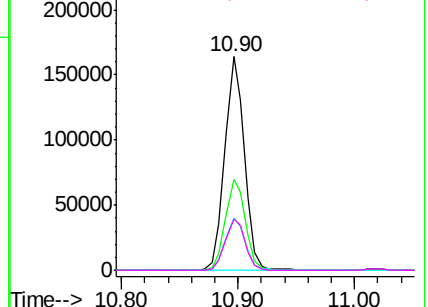
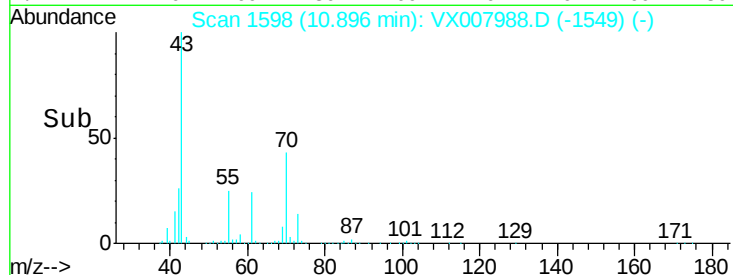


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.463 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

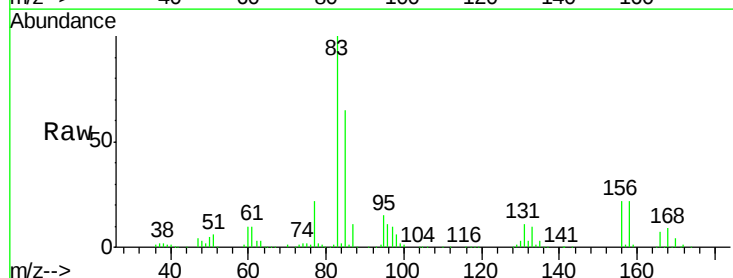
Tgt Ion: 83 Resp: 168715

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

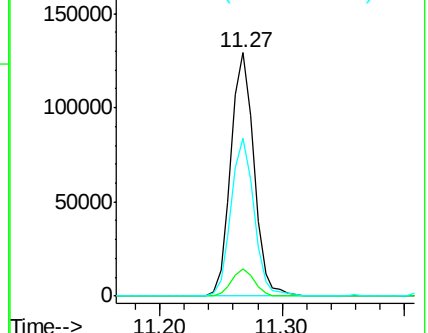
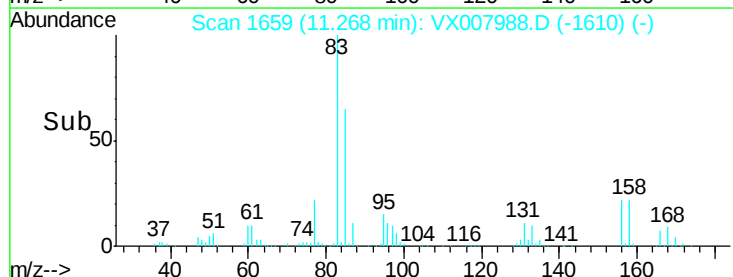
85 64.6 32.3 96.8

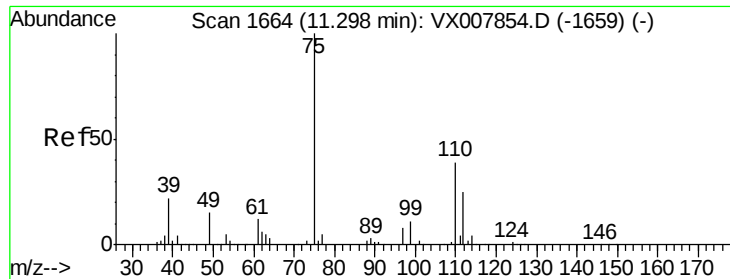


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

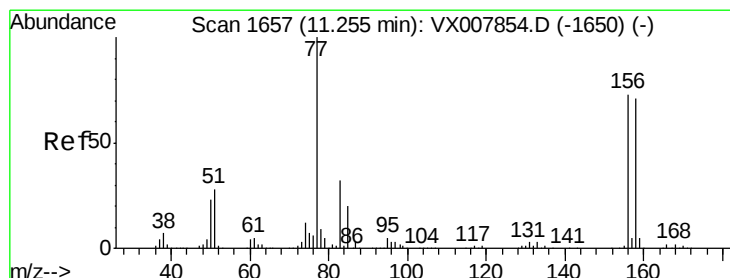
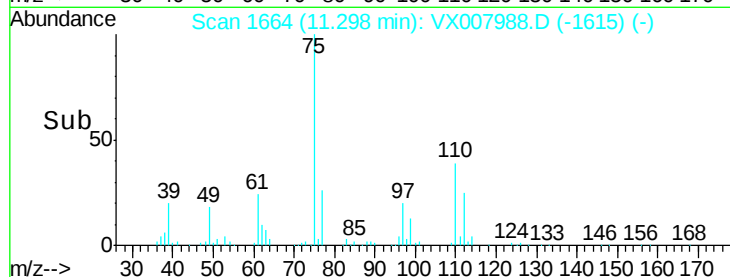
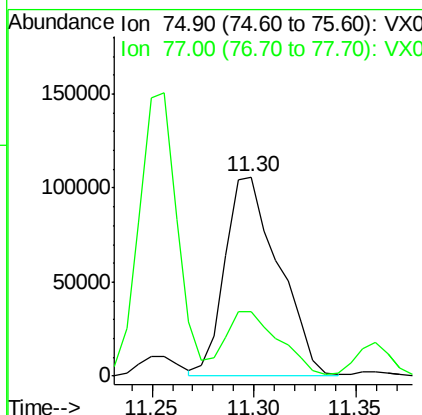
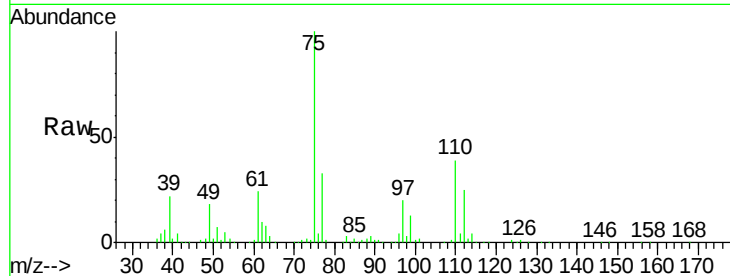




#76
 1,2,3-Trichloropropane
 Concen: 59.353 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

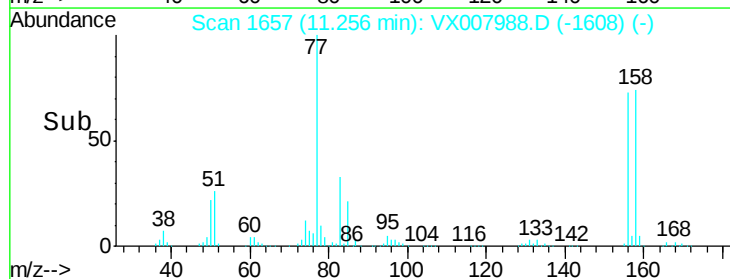
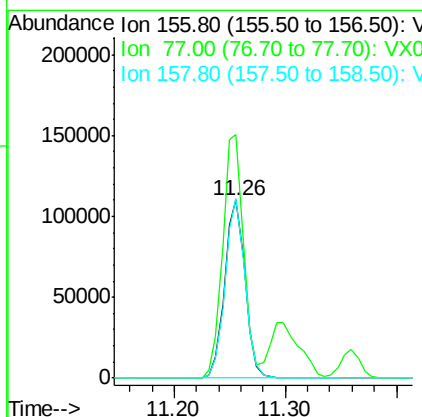
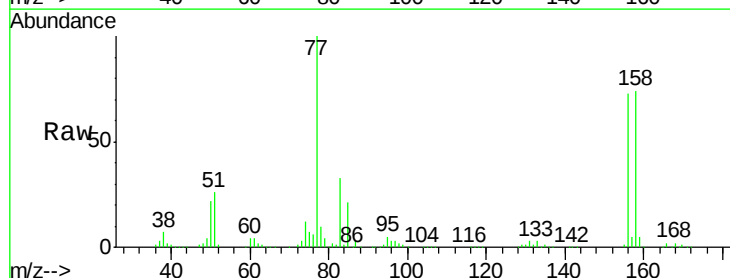
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

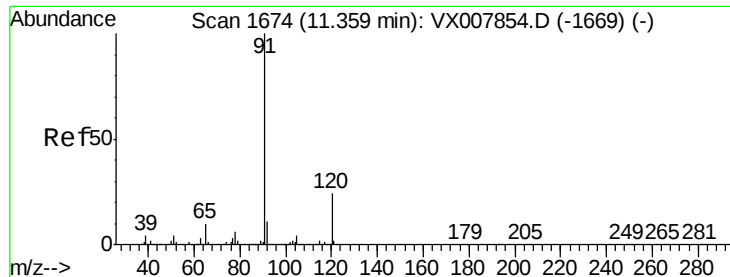
Tot Ion: 75 Resp: 193862
 Ion Ratio Lower Upper
 75 100
 77 33.0 18.9 56.7



#77
 Bromobenzene
 Concen: 48.224 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion: 156 Resp: 139182
 Ion Ratio Lower Upper
 156 100
 77 140.0 72.0 215.9
 158 98.3 48.6 145.9





#78

n-propylbenzene

Concen: 49.287 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

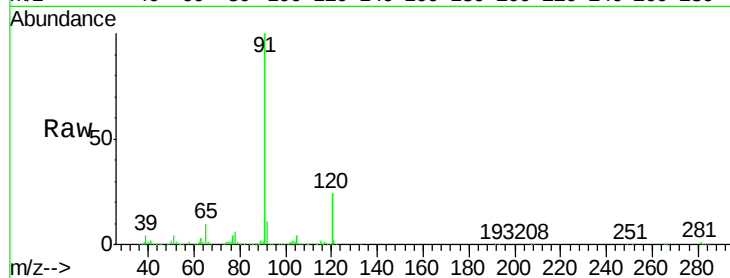
RE122D2-20190308MS

Tot Ion: 91 Resp: 575607

Ion Ratio Lower Upper

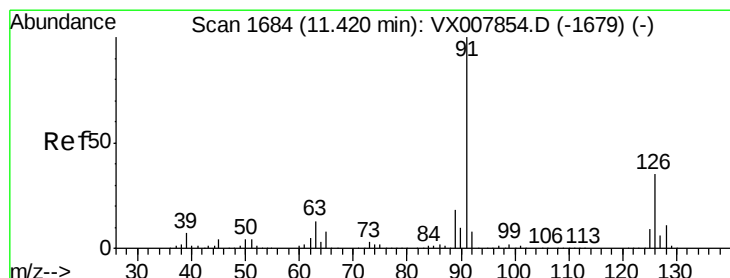
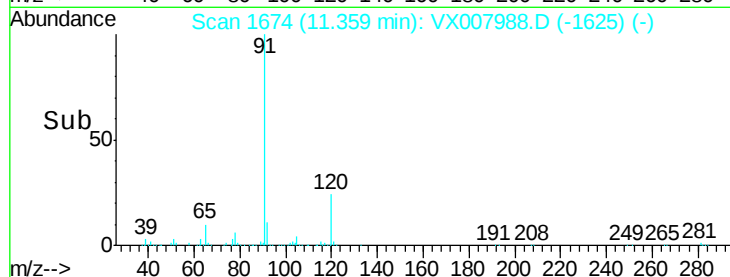
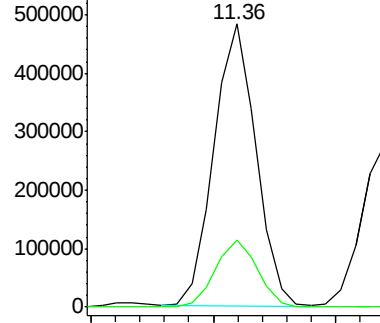
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.190 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007988.D

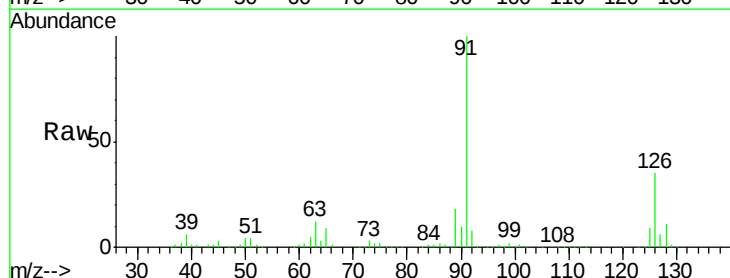
Acq: 11 Mar 2019 23:23

Tgt Ion: 91 Resp: 344108

Ion Ratio Lower Upper

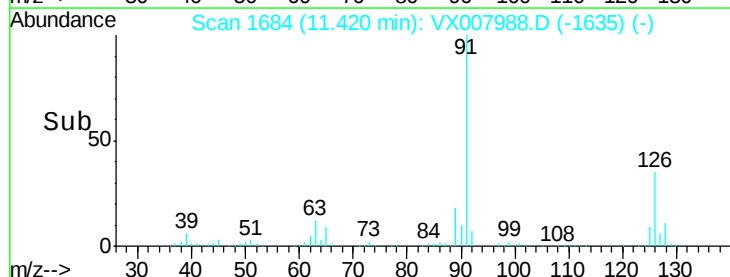
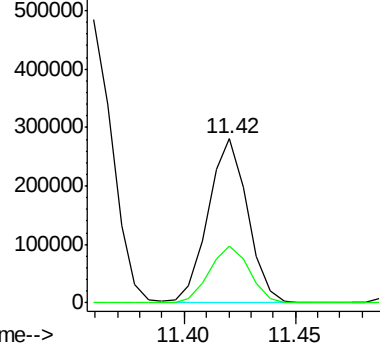
91 100

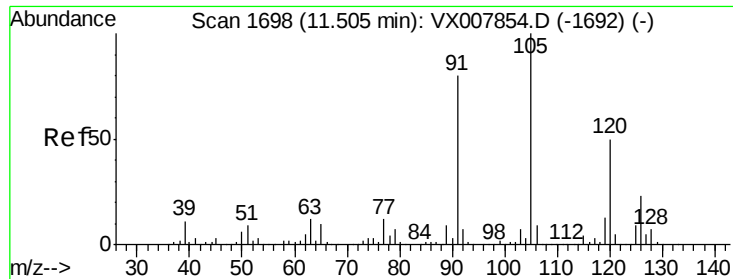
126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

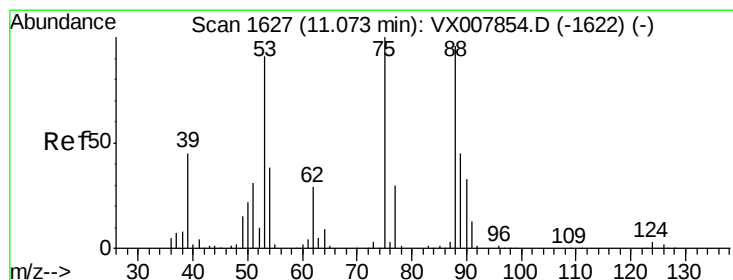
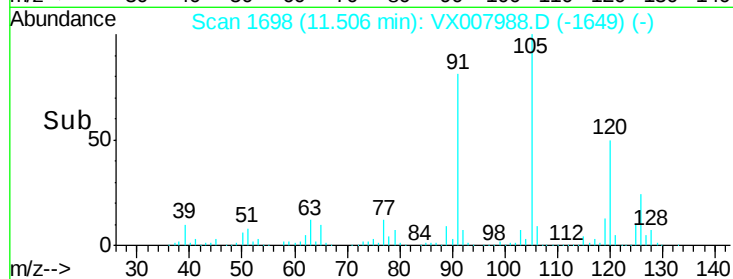
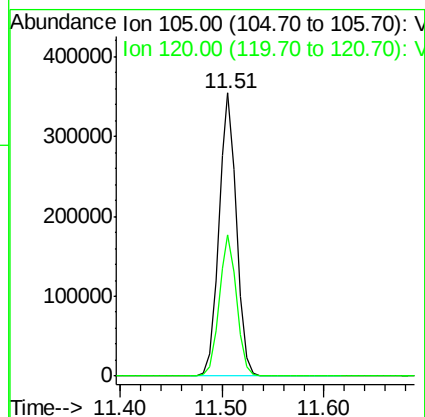
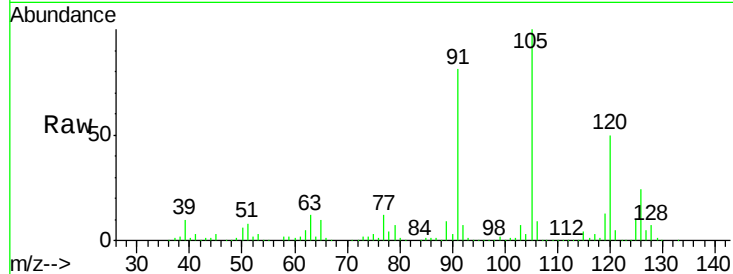




#80
 1,3,5-Trimethylbenzene
 Concen: 49.290 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

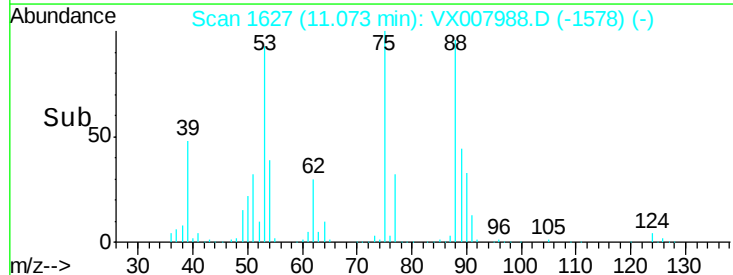
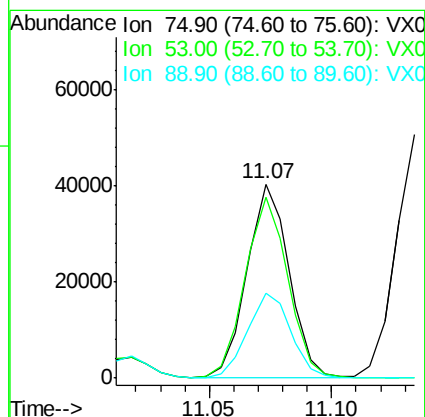
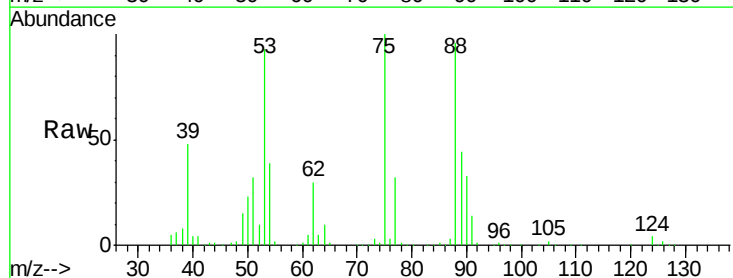
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

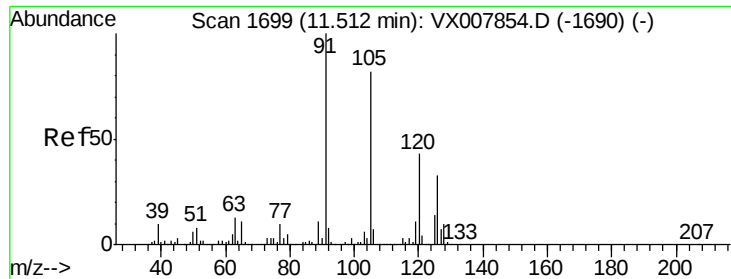
Tot Ion:105 Resp: 427070
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.951 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion: 75 Resp: 47976
 Ion Ratio Lower Upper
 75 100
 53 94.5 76.1 114.1
 89 45.6 36.3 54.5

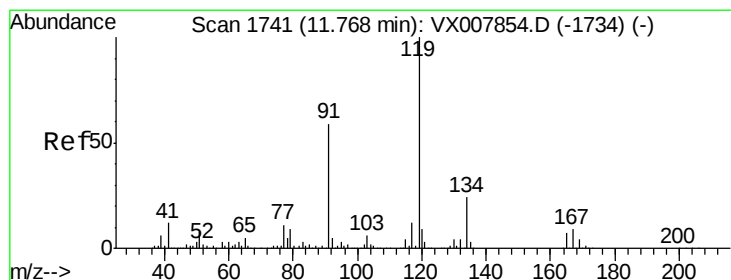
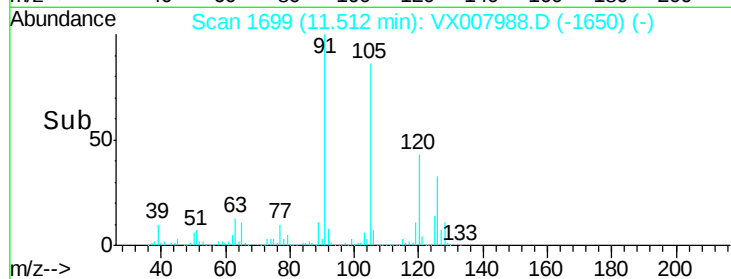
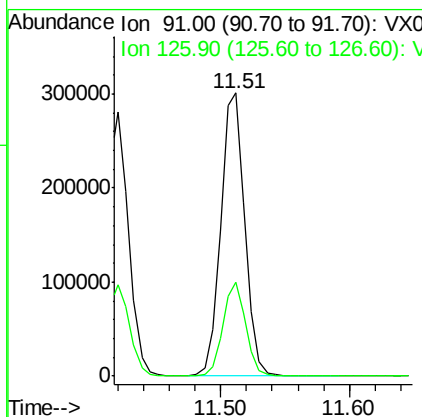
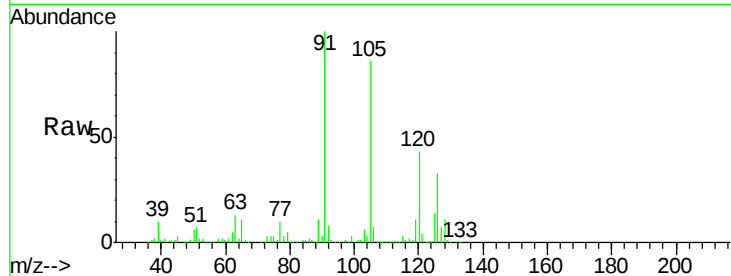




#82
4-Chlorotoluene
Concen: 48.088 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

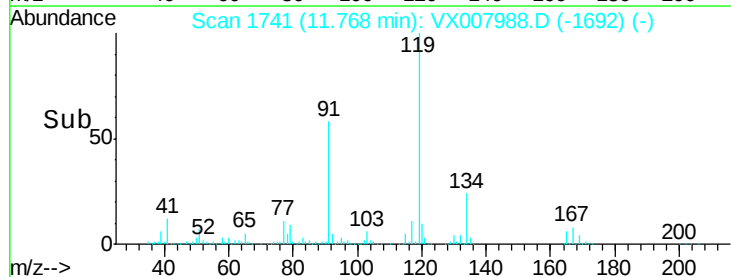
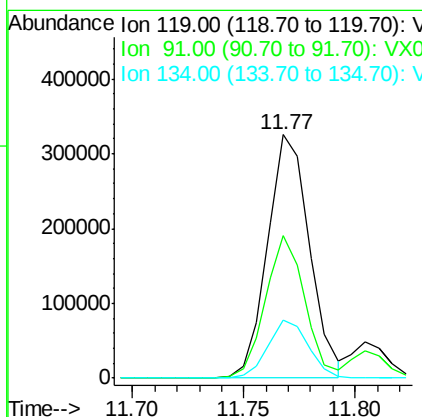
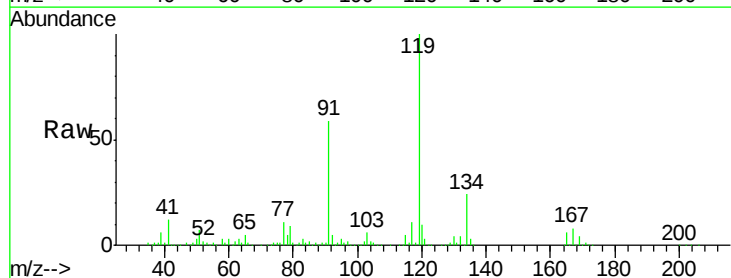
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

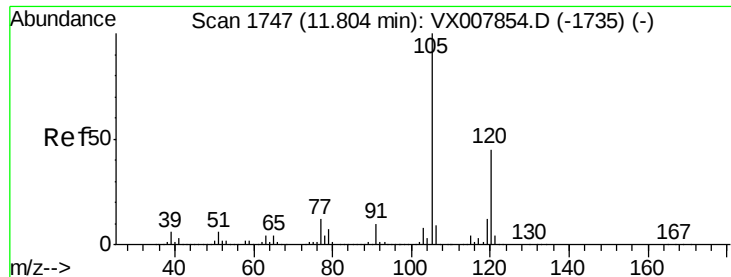
Tot Ion: 91 Resp: 393505
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8



#83
tert-Butylbenzene
Concen: 48.834 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion: 119 Resp: 426207
Ion Ratio Lower Upper
119 100
91 55.0 27.1 81.3
134 23.2 11.4 34.1

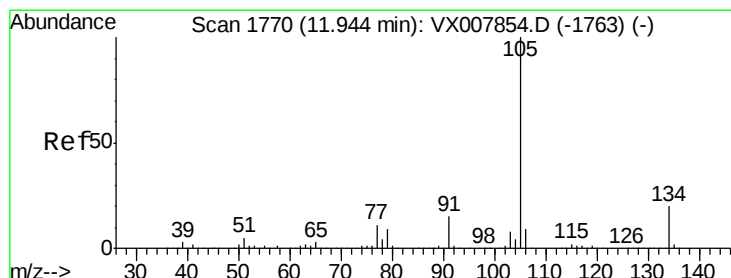
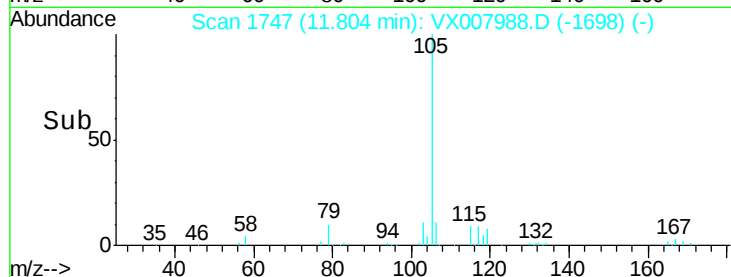
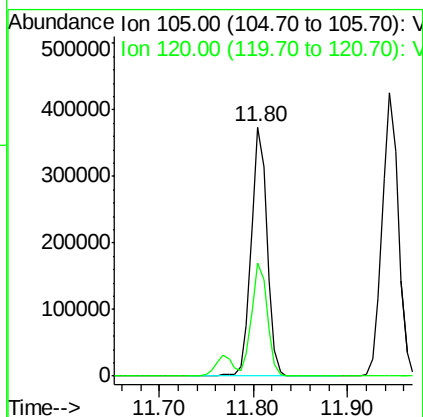
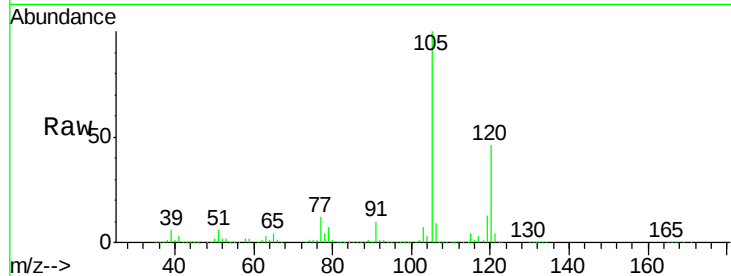




#84
 1,2,4-Trimethylbenzene
 Concen: 49.870 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

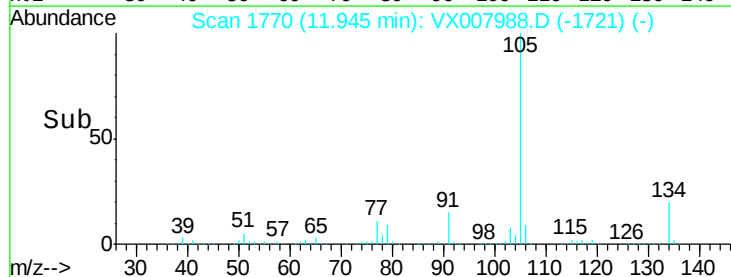
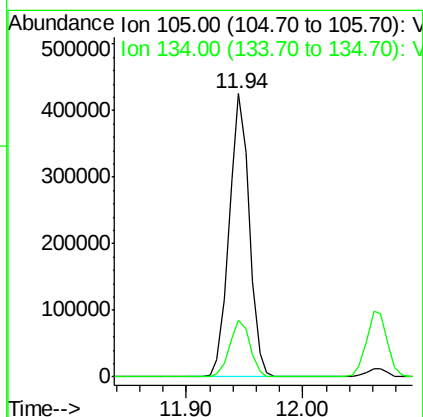
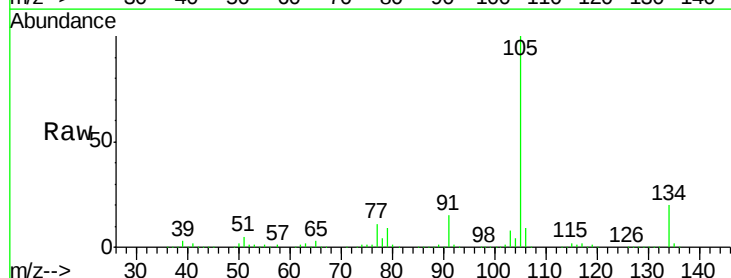
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

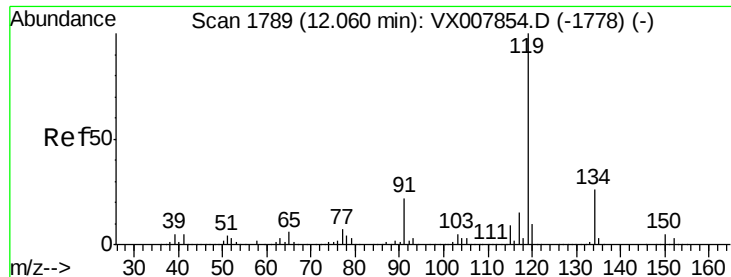
Tot Ion:105 Resp: 442947
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.510 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion:105 Resp: 508913
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

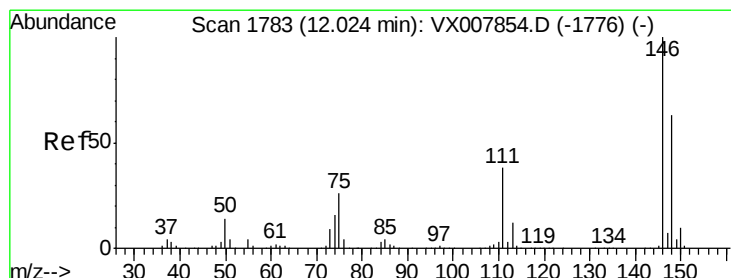
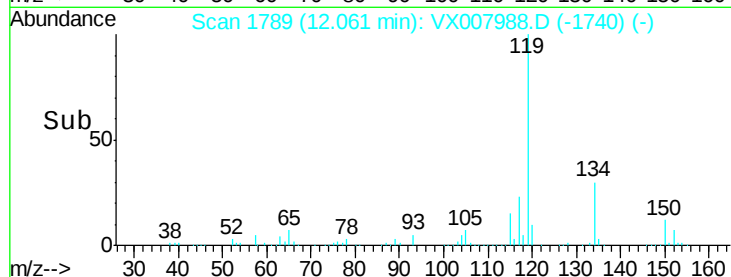
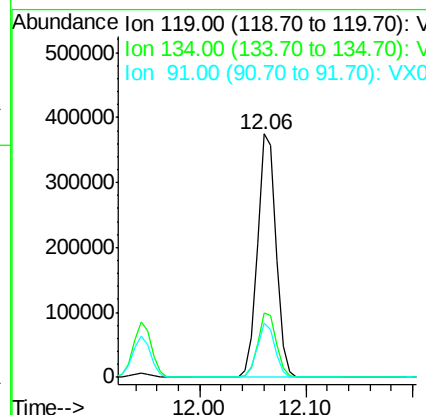
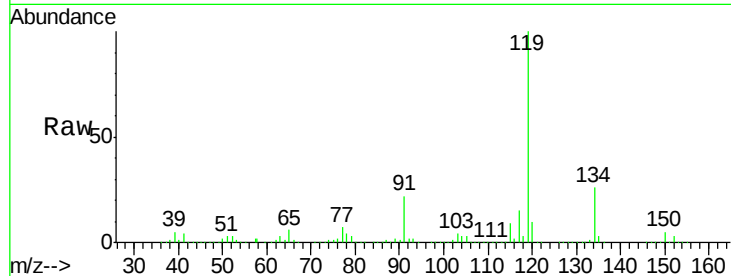




#86
p-Isopropyltoluene
Concen: 49.818 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

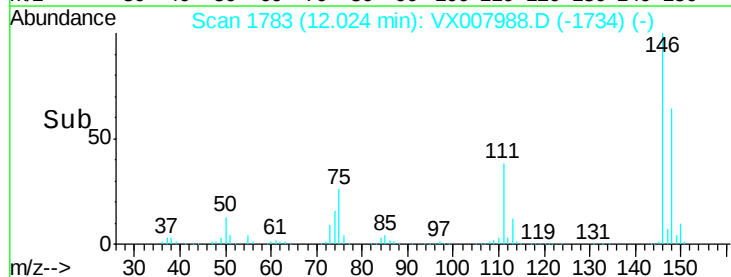
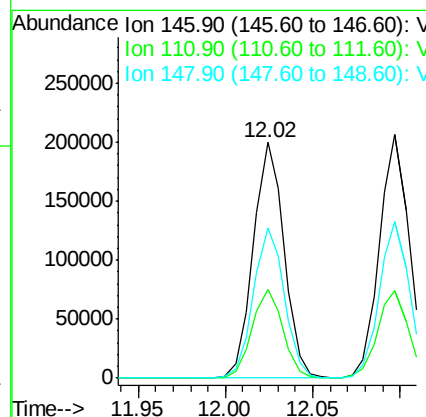
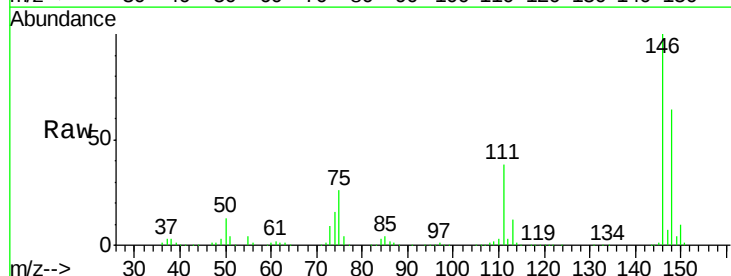
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

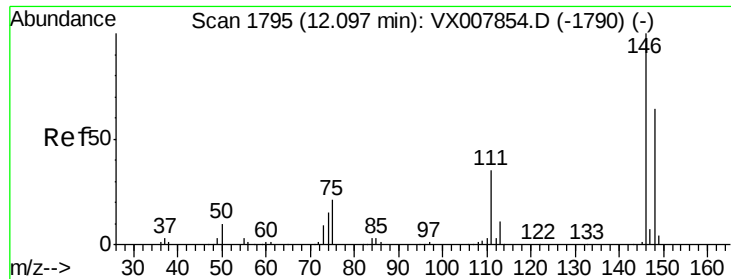
Tot Ion:119 Resp: 458605
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 21.7 10.9 32.7



#87
1,3-Dichlorobenzene
Concen: 47.953 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion:146 Resp: 244851
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.7
148 63.9 31.7 95.1

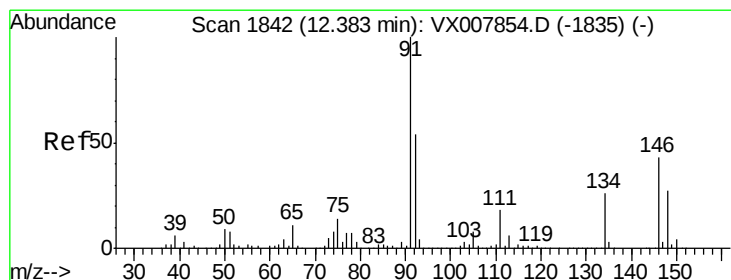
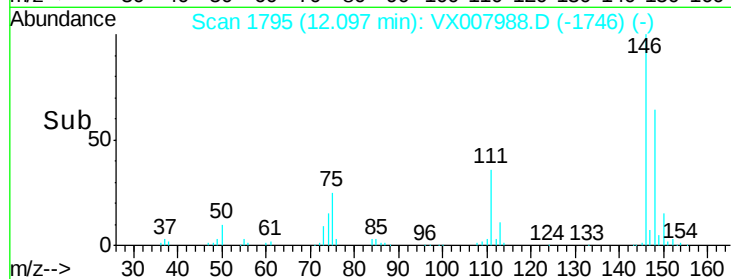
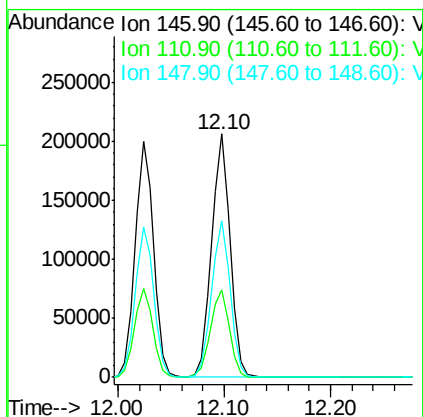
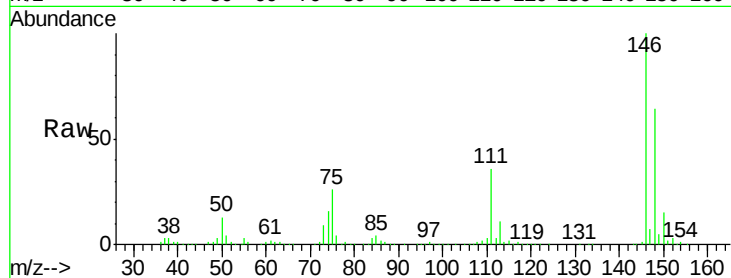




#88
 1,4-Dichlorobenzene
 Concen: 46.893 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

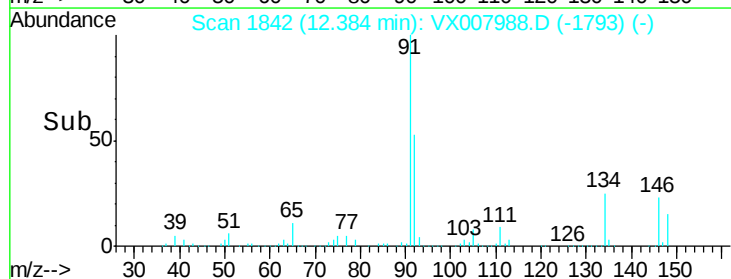
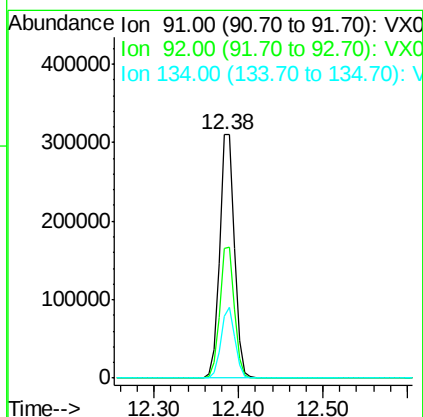
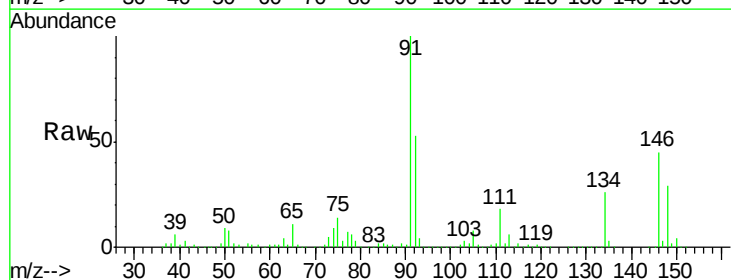
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

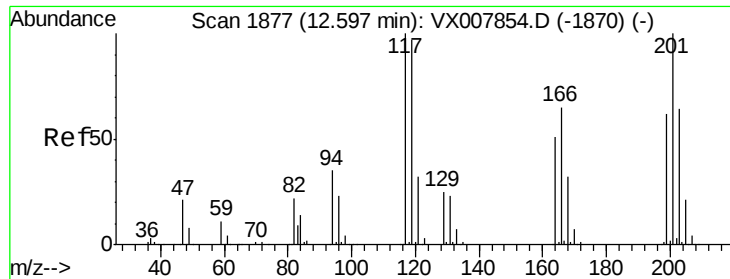
Tot Ion:146 Resp: 245206
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 64.7 32.2 96.6



#89
 n-Butylbenzene
 Concen: 48.529 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Tgt Ion: 91 Resp: 378482
 Ion Ratio Lower Upper
 91 100
 92 53.1 27.0 80.8
 134 27.5 13.7 41.0





#90

Hexachloroethane

Concen: 48.504 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

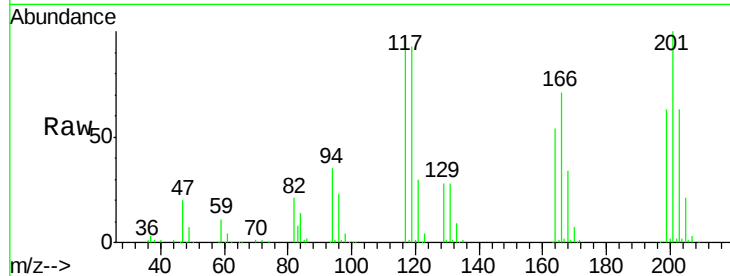
RE122D2-20190308MS

Tot Ion:117 Resp: 74654

Ion Ratio Lower Upper

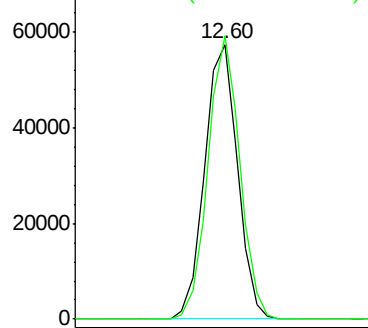
117 100

201 99.8 48.9 146.7

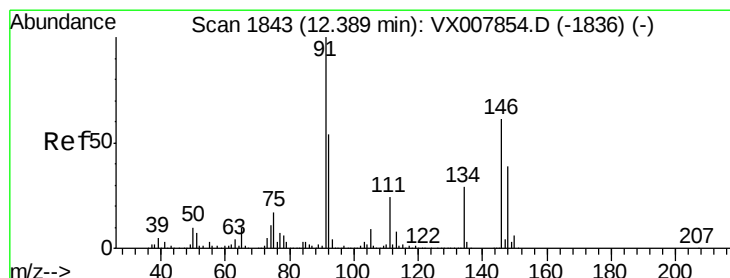
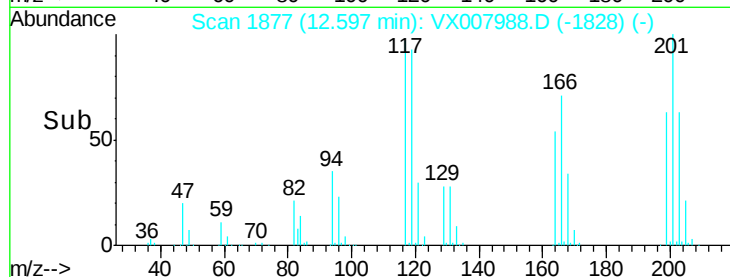


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->



#91

1,2-Dichlorobenzene

Concen: 48.021 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

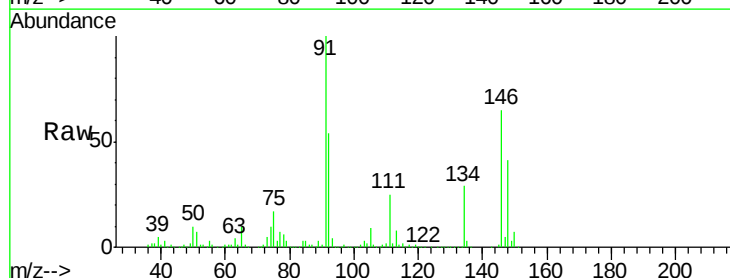
Tgt Ion:146 Resp: 243585

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

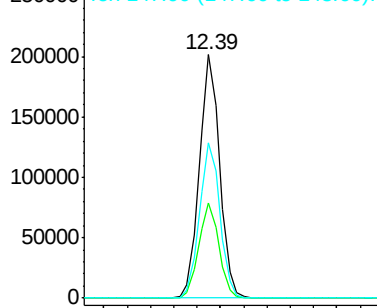
148 64.4 31.9 95.5



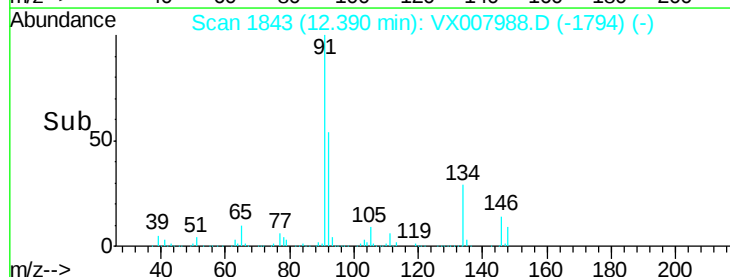
Abundance Ion 145.90 (145.60 to 146.60): V

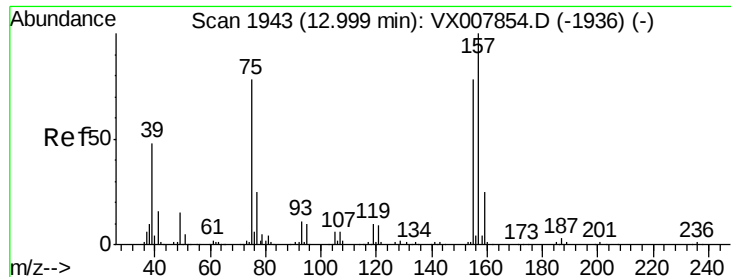
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.419 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Instrument :

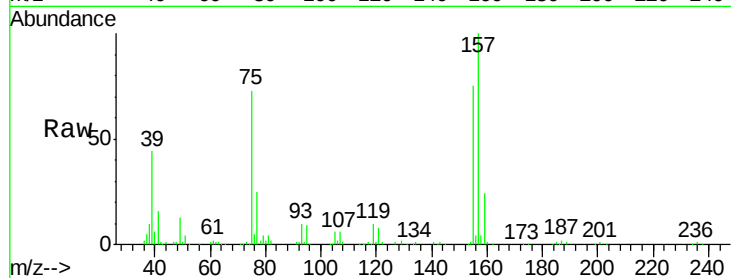
MSVOA_X

ClientSampleId :

RE122D2-20190308MS

Tot Ion: 75 Resp: 35227

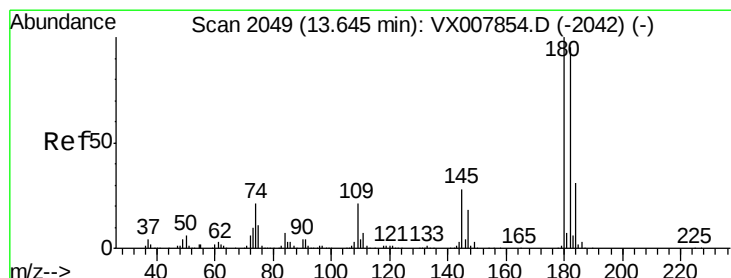
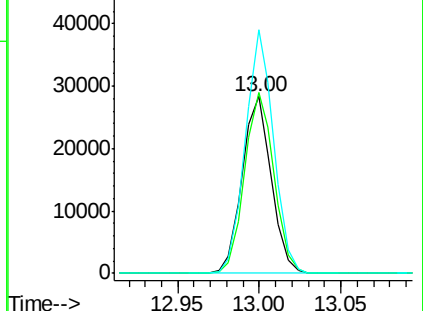
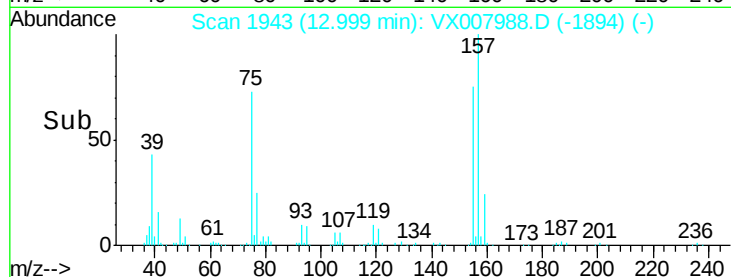
Ion	Ratio	Lower	Upper
75	100		
155	103.1	49.7	149.1
157	133.6	63.8	191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.875 ug/l

RT: 13.65 min Scan# 2049

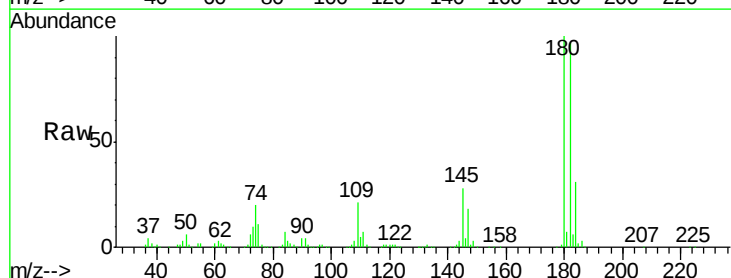
Delta R.T. 0.00 min

Lab File: VX007988.D

Acq: 11 Mar 2019 23:23

Tgt Ion:180 Resp: 170597

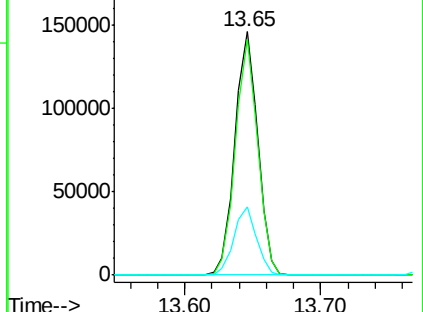
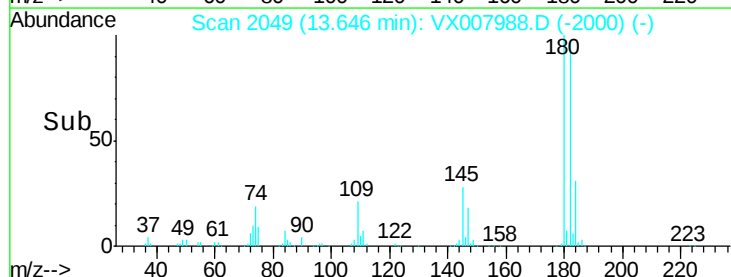
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	28.1	14.1	42.4

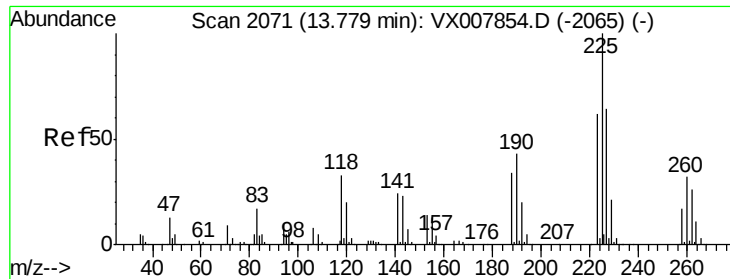


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

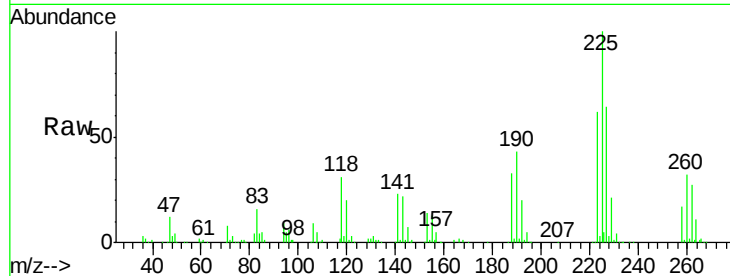




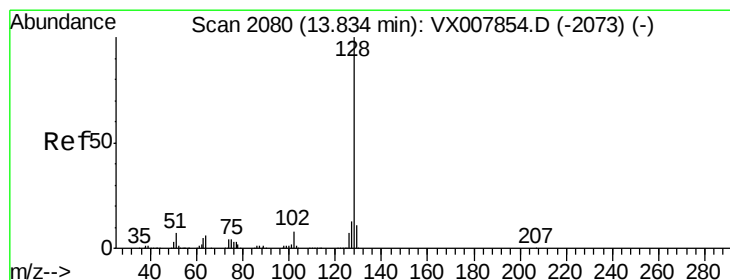
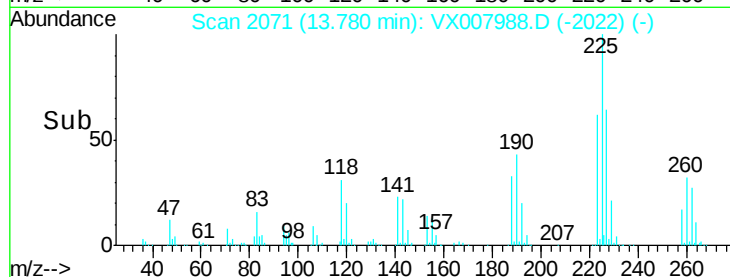
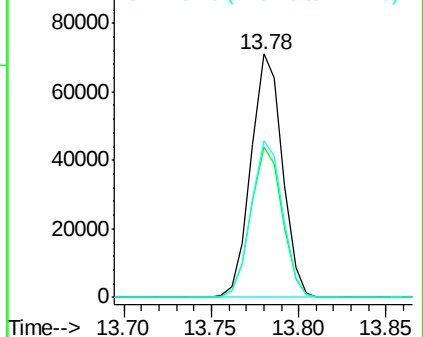
#94
Hexachlorobutadiene
Concen: 47.521 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190308MS

Tot Ion:225 Resp: 88532
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.2
227 64.4 32.0 96.0

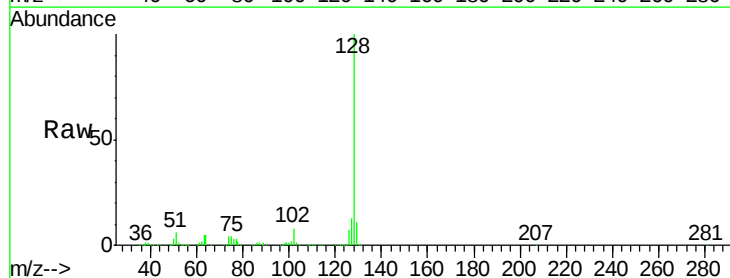


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

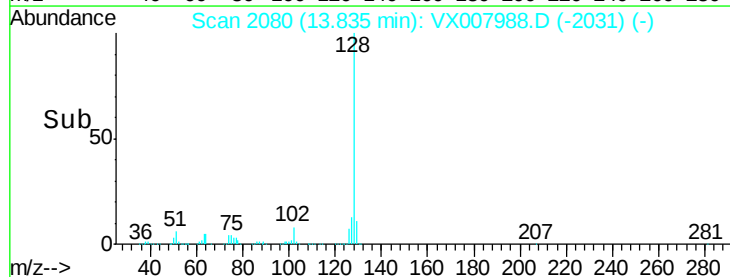
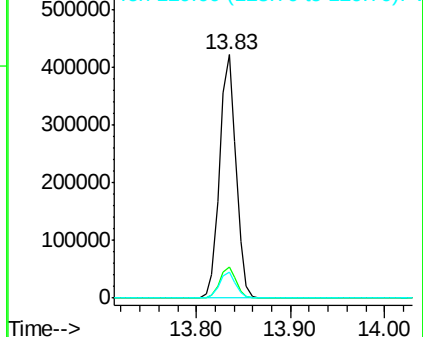


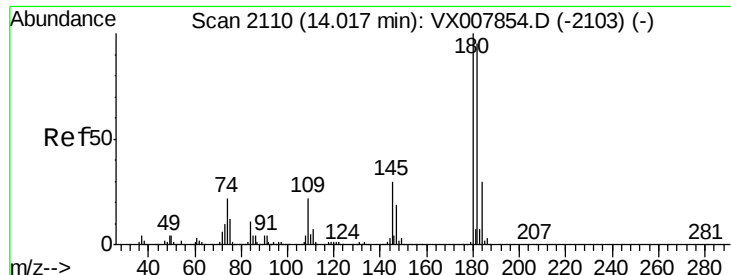
#95
Naphthalene
Concen: 49.520 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007988.D
Acq: 11 Mar 2019 23:23

Tgt Ion:128 Resp: 508443
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 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

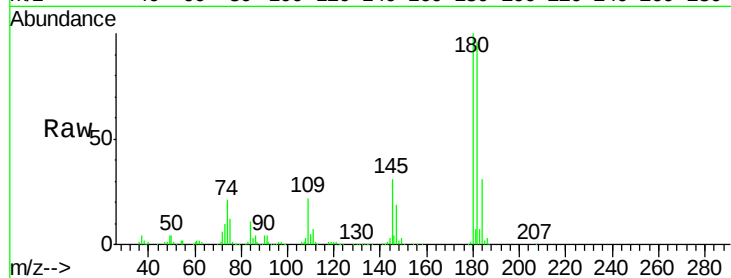




#96
 1,2,3-Trichlorobenzene
 Concen: 48.108 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007988.D
 Acq: 11 Mar 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	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

