

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010890.D
 Acq On : 15 Jul 2019 17:24
 Operator : JC/SP
 Sample : K3791-11DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

Quant Time: Jul 16 02:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	2049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	2134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	1161	60.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.86%	
35) Dibromofluoromethane	5.49	113	844	64.64	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	129.28%	
50) Toluene-d8	8.72	98	2104	42.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.24%	
62) 4-Bromofluorobenzene	11.14	95	941	52.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22	1.544	ug/l #	42
3) Chloromethane	1.32	50	404	24.355	ug/l #	78
4) Vinyl Chloride	1.40	62	47	2.587	ug/l #	1
5) Bromomethane	1.65	94	431	48.693	ug/l #	47
6) Chloroethane	1.71	64	2001	186.676	ug/l #	46
7) Trichlorofluoromethane	1.86	101	19	0.660	ug/l #	17
8) Diethyl Ether	2.23	74	75	7.261	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	2.64	101	19	1.089	ug/l #	1
10) Methyl Iodide	2.53	142	137	5.500	ug/l #	44
11) Tert butyl alcohol	3.04	59	1090	216.829	ug/l #	74
12) 1,1-Dichloroethene	2.39	96	76	4.279	ug/l #	44
13) Acrolein	2.28	56	199	59.674	ug/l #	60
14) Allyl chloride	2.84	41	12162	482.341	ug/l #	62
15) Acrylonitrile	3.17	53	3139	315.386	ug/l #	42
16) Acetone	2.39	43	8414	873.894	ug/l #	52
17) Carbon Disulfide	2.57	76	623	13.075	ug/l #	84
18) Methyl Acetate	2.85	43	28931	1507.646	ug/l #	48
19) Methyl tert-butyl Ether	3.14	73	22	0.394	ug/l #	1
20) Methylene Chloride	2.85	84	589	29.726	ug/l #	6
21) trans-1,2-Dichloroethene	3.12	96	19	0.995	ug/l #	1
22) Diisopropyl ether	3.86	45	177	3.357	ug/l #	24
24) 1,1-Dichloroethane	3.70	63	105	3.446	ug/l #	81
25) 2-Butanone	4.70	43	205	14.515	ug/l #	1
26) 2,2-Dichloropropane	4.51	77	23	0.869	ug/l #	49
27) cis-1,2-Dichloroethene	4.51	96	19	0.861	ug/l #	1
28) Bromochloromethane	5.01	49	95	6.520	ug/l #	2
29) Tetrahydrofuran	5.12	42	159	18.175	ug/l #	28
30) Chloroform	5.20	83	226	6.893	ug/l	94
31) Cyclohexane	5.59	56	56018	2018.684	ug/l	91
32) 1,1,1-Trichloroethane	5.66	97	20	0.691	ug/l #	24
36) 1,1-Dichloropropene	5.71	75	98	5.779	ug/l #	1
37) Ethyl Acetate	4.83	43	229	13.127	ug/l #	77
38) Carbon Tetrachloride	5.70	117	52	2.832	ug/l #	11
39) Methylcyclohexane	7.46	83	82710	3710.510	ug/l	97

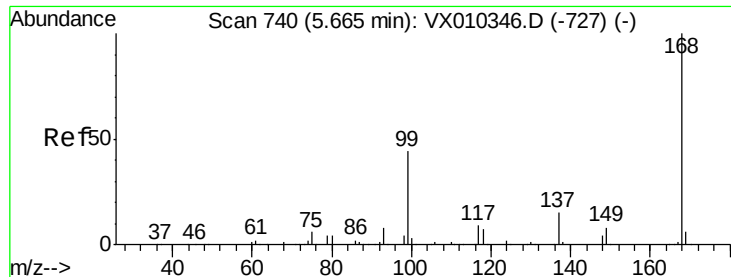
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010890.D
 Acq On : 15 Jul 2019 17:24
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 ClientSampleId :
 FL-0602DL

Quant Time: Jul 16 02:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.10	78	45	0.852	ug/l #	52
41) Methacrylonitrile	5.03	41	70	7.313	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	19	1.181	ug/l #	71
43) Isopropyl Acetate	6.46	43	1380	47.811	ug/l #	61
44) Trichloroethene	7.22	130	24	1.518	ug/l	4
45) 1,2-Dichloropropane	7.46	63	1001	75.029	ug/l #	1
46) Dibromomethane	7.79	93	19	1.985	ug/l #	1
47) Bromodichloromethane	7.95	83	57	3.249	ug/l #	25
48) Methyl methacrylate	7.74	41	3555	264.978	ug/l #	59
51) 4-Methyl-2-Pentanone	8.66	43	1889	102.329	ug/l #	51
52) Toluene	8.85	92	23	0.661	ug/l	90
53) t-1,3-Dichloropropene	9.06	75	25	1.271	ug/l #	1
54) cis-1,3-Dichloropropene	8.43	75	75	3.509	ug/l #	55
55) 1,1,2-Trichloroethane	9.16	97	4842	337.448	ug/l #	19
56) Ethyl methacrylate	9.16	69	1157	53.228	ug/l #	1
57) 1,3-Dichloropropane	9.26	76	56	2.514	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.27	63	22	2.131	ug/l #	44
59) 2-Hexanone	9.35	43	256	17.620	ug/l	63
61) 1,2-Dibromoethane	9.71	107	19	1.227	ug/l #	2
65) Chlorobenzene	10.15	112	51	2.088	ug/l #	43
67) Ethyl Benzene	10.25	91	19023	461.368	ug/l	96
68) m/p-Xylenes	10.35	106	32274	2020.122	ug/l	99
69) o-Xylene	10.69	106	6583	419.001	ug/l	97
70) Styrene	10.70	104	382	14.498	ug/l #	1
73) Isopropylbenzene	11.02	105	67742	1155.291	ug/l	100
74) N-amyl acetate	10.91	43	227	10.244	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	365	18.796	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	666	42.252	ug/l #	1
78) n-propylbenzene	11.36	91	103342	1603.596	ug/l	99
79) 2-Chlorotoluene	11.43	91	51487	1341.691	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	164216	3397.203	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	966	142.970	ug/l #	49
82) 4-Chlorotoluene	11.51	91	17458	399.804	ug/l #	42
83) tert-Butylbenzene	11.77	119	3371	69.481	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	482950	9944.360	ug/l	100
85) sec-Butylbenzene	11.94	105	23944	420.326	ug/l	86
86) p-Isopropyltoluene	12.06	119	19374	367.690	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198	6.928	ug/l #	31
88) 1,4-Dichlorobenzene	12.10	146	135	4.640	ug/l #	48
89) n-Butylbenzene	12.38	91	17249	385.243	ug/l #	17
90) Hexachloroethane	12.60	117	3370	369.883	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	31	1.091	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	596	142.353	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	27	1.371	ug/l #	1
95) Naphthalene	13.83	128	60690	1002.575	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	82	4.187	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleID :

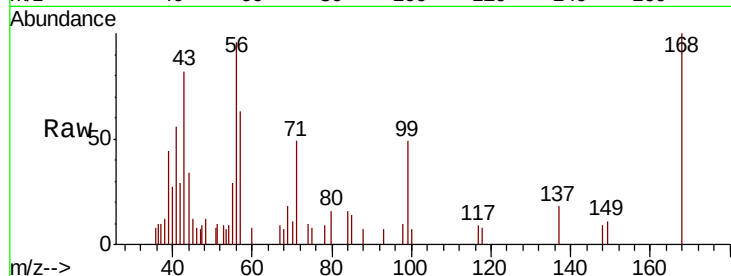
FL-0602DL

Tot Ion:168 Resp: 2049

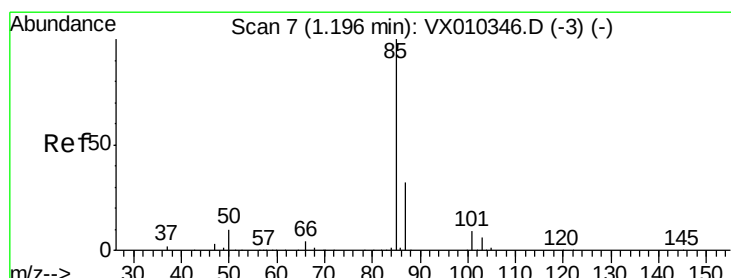
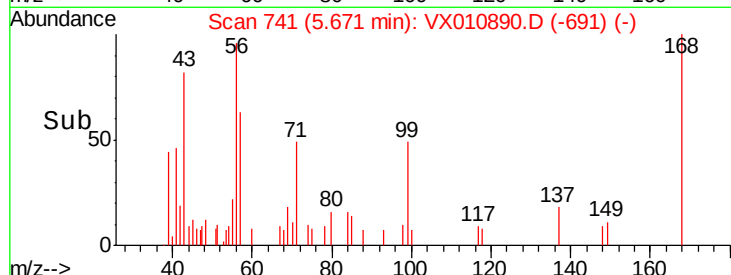
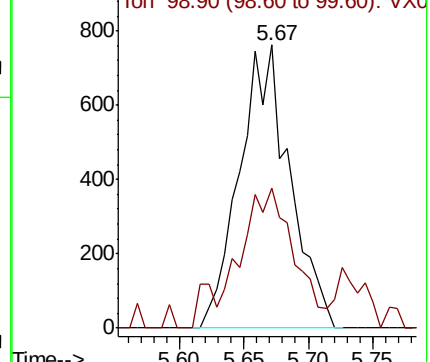
Ion Ratio Lower Upper

168 100

99 49.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 1.544 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010890.D

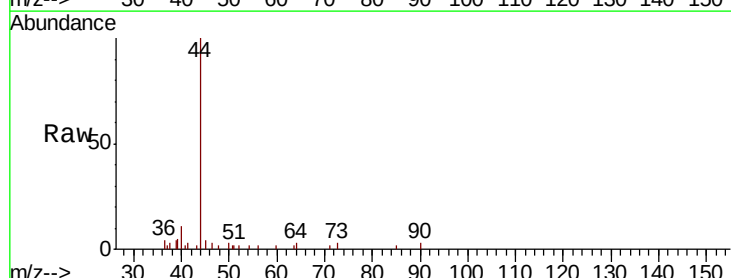
Acq: 15 Jul 2019 17:24

Tgt Ion: 85 Resp: 22

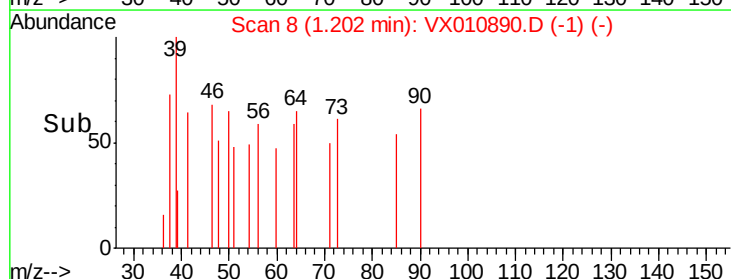
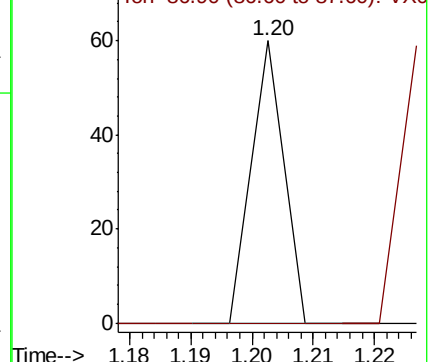
Ion Ratio Lower Upper

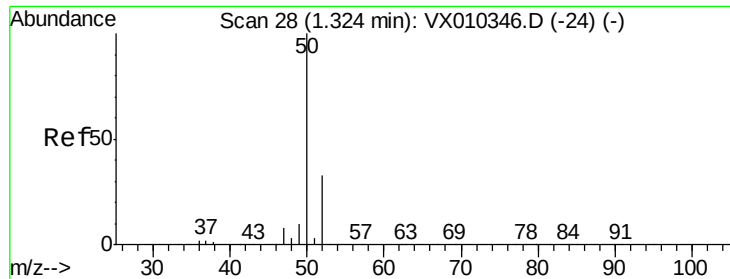
85 100

87 0.0 16.3 48.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 24.355 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

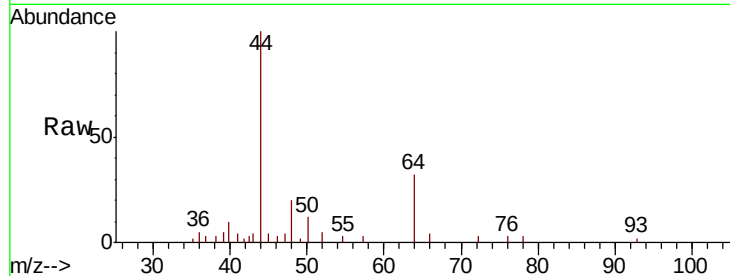
FL-0602DL

Tot Ion: 50 Resp: 404

Ion Ratio Lower Upper

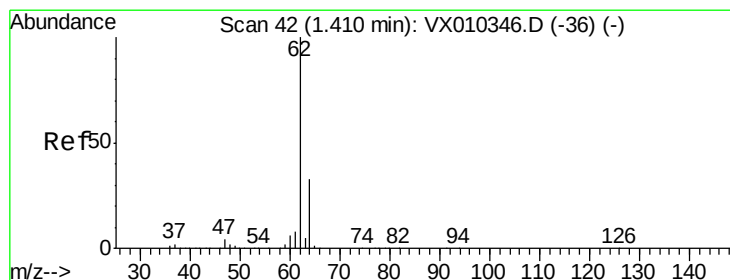
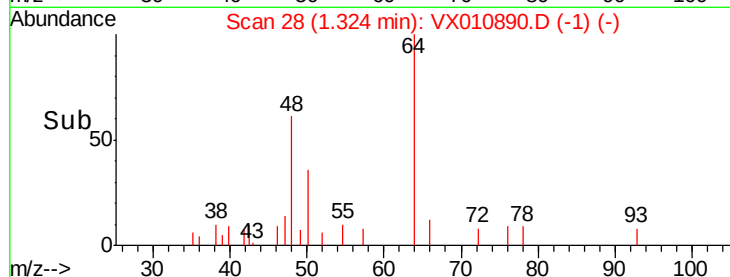
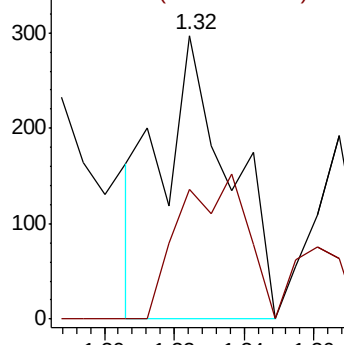
50 100

52 45.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.587 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010890.D

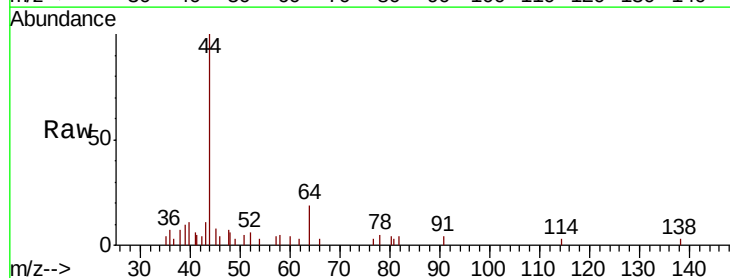
Acq: 15 Jul 2019 17:24

Tgt Ion: 62 Resp: 47

Ion Ratio Lower Upper

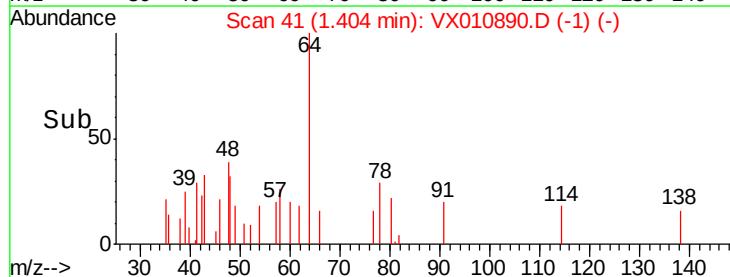
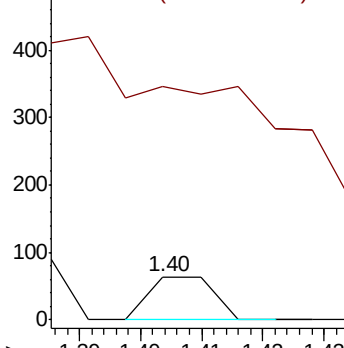
62 100

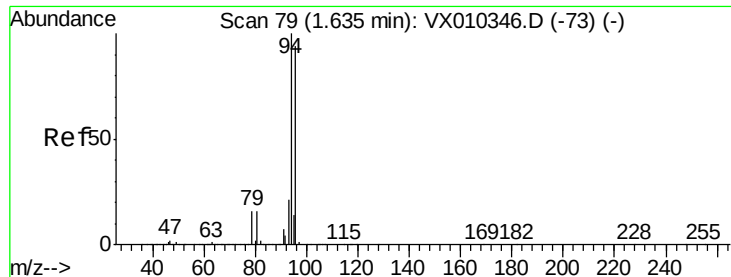
64 100.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.693 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

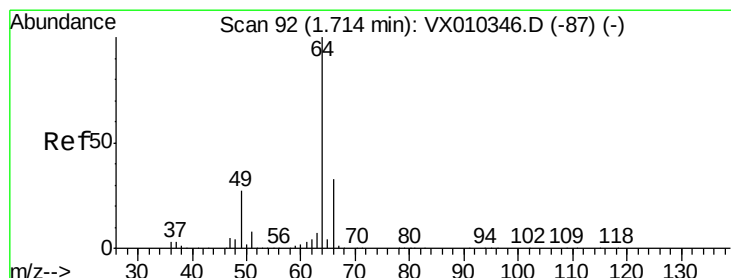
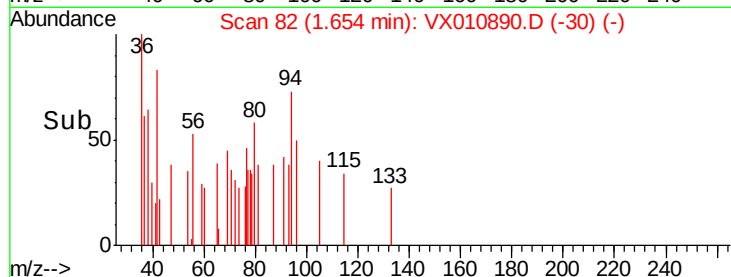
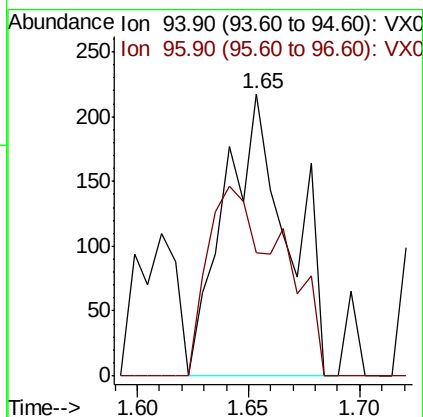
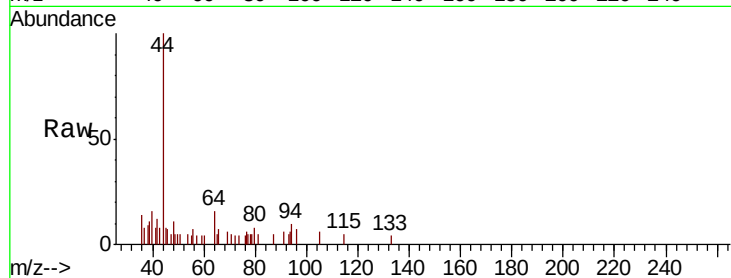
FL-0602DL

Tot Ion: 94 Resp: 431

Ion Ratio Lower Upper

94 100

96 43.6 75.5 113.3#



#6

Chloroethane

Concen: 186.676 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010890.D

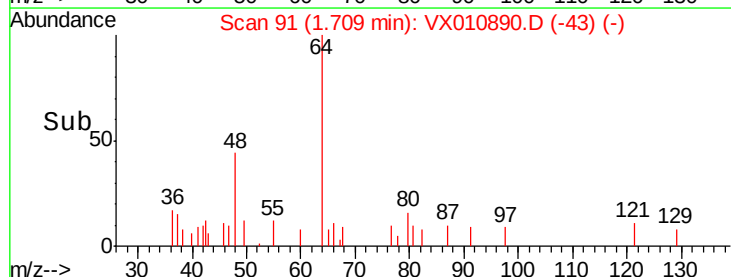
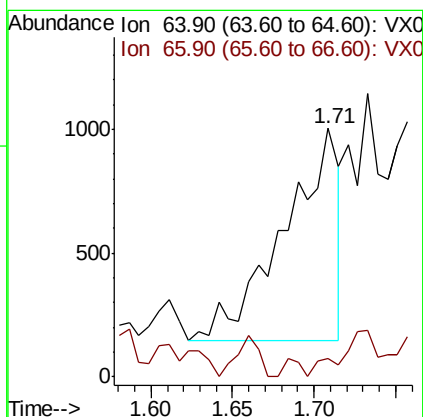
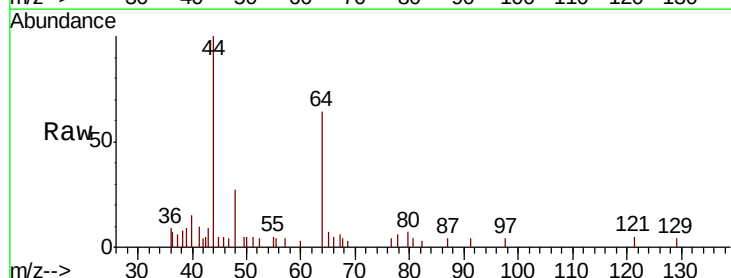
Acq: 15 Jul 2019 17:24

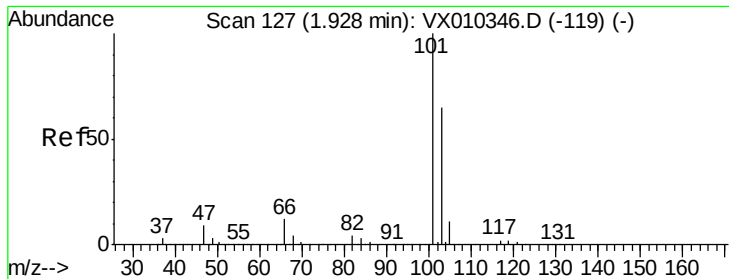
Tgt Ion: 64 Resp: 2001

Ion Ratio Lower Upper

64 100

66 2.6 26.6 40.0#



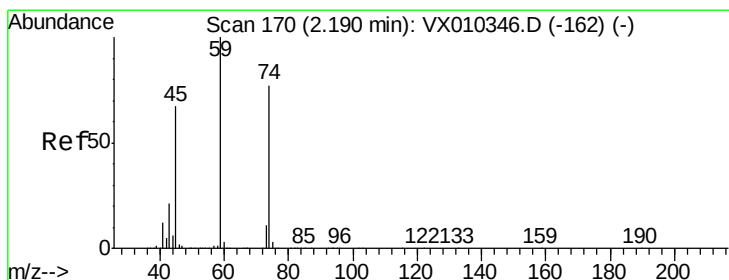
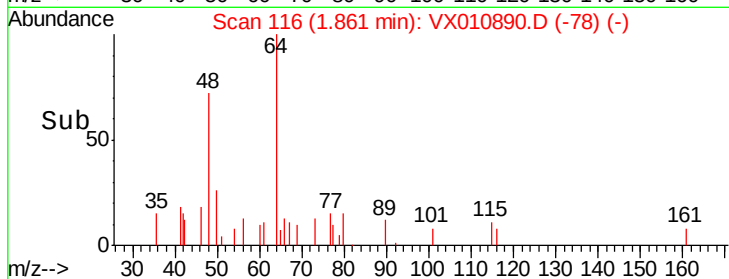
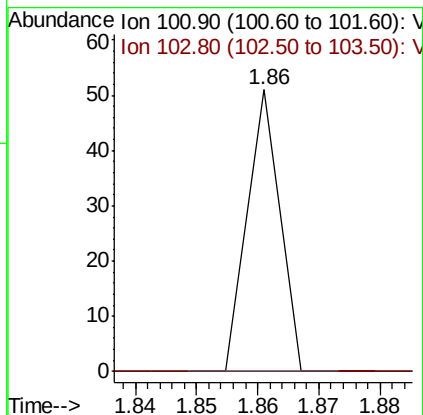
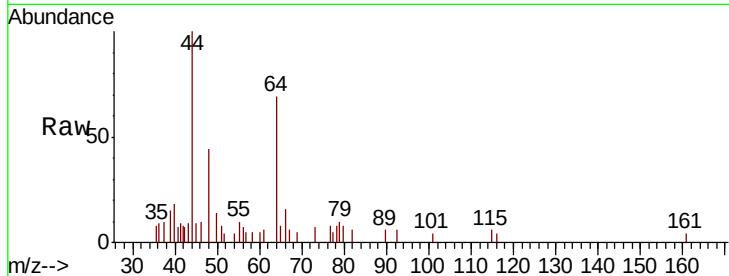


#7

Trichlorofluoromethane
 Concen: 0.660 ug/l
 RT: 1.86 min Scan# 116
 Delta R.T. -0.07 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

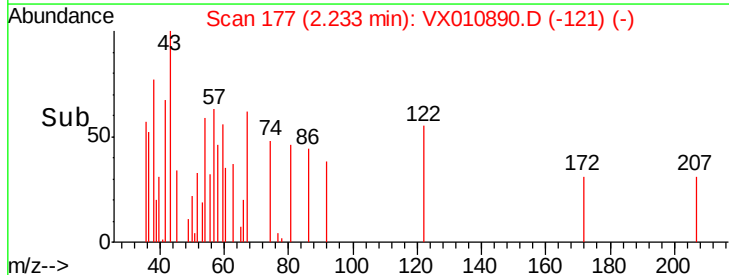
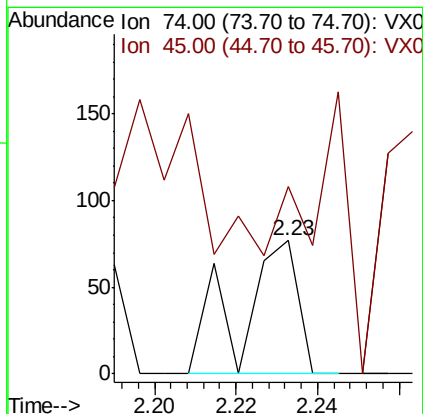
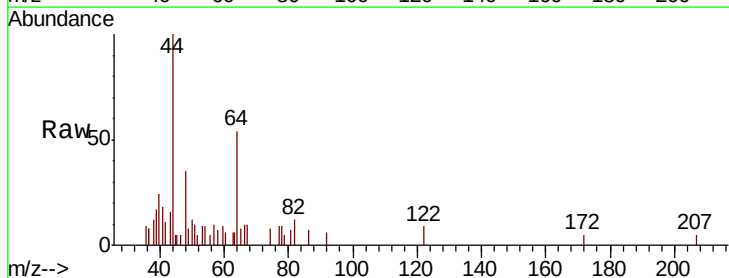
Tot Ion:101 Resp: 19
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.3 78.5#

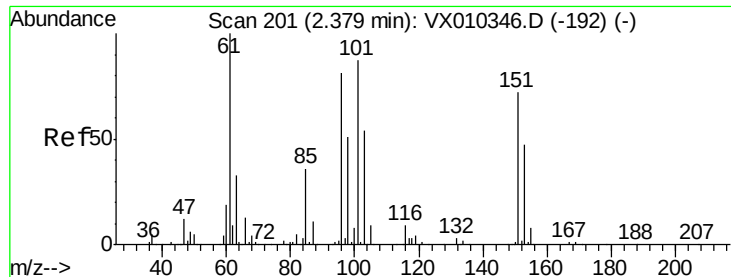


#8

Diethyl Ether
 Concen: 7.261 ug/l
 RT: 2.23 min Scan# 177
 Delta R.T. 0.04 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 74 Resp: 75
 Ion Ratio Lower Upper
 74 100
 45 61.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.089 ug/l

RT: 2.64 min Scan# 244

Delta R.T. 0.26 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

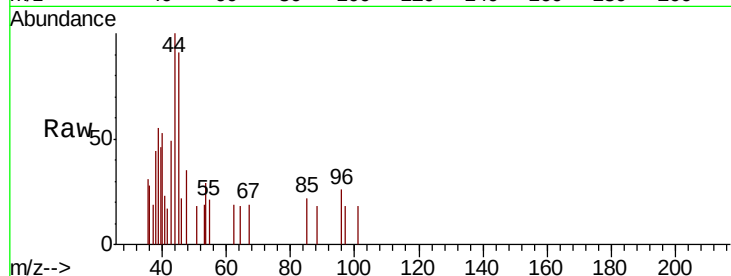
Tot Ion:101 Resp: 19

Ion Ratio Lower Upper

101 100

85 126.3 33.7 50.5#

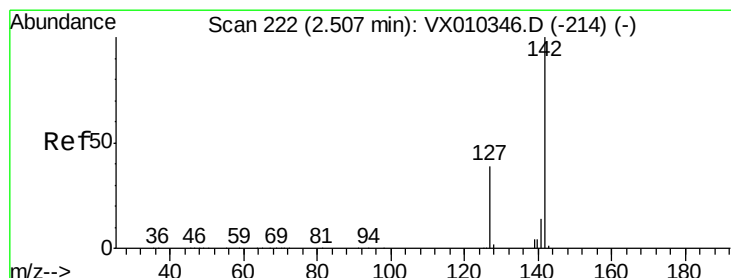
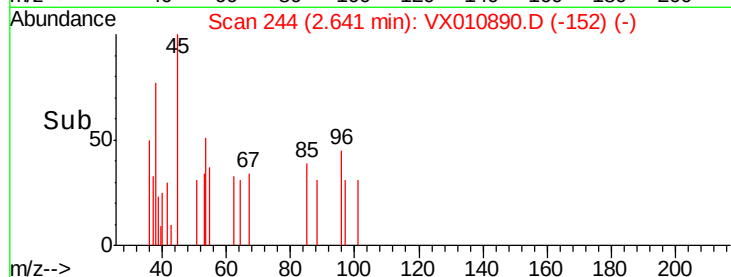
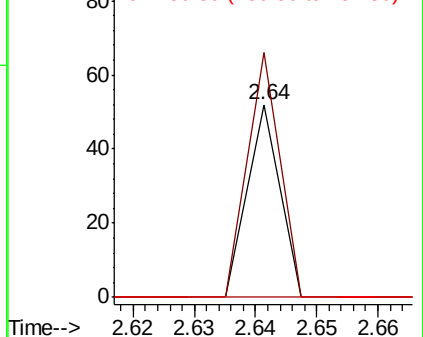
151 0.0 70.1 105.1#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.500 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

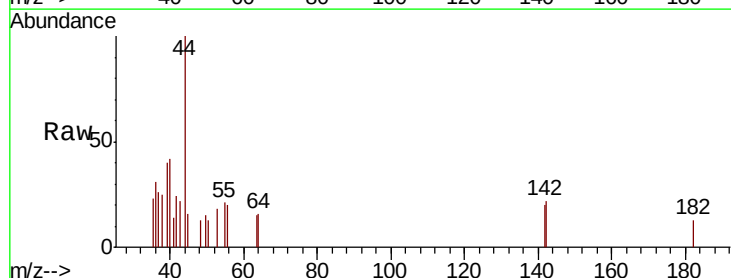
Tgt Ion:142 Resp: 137

Ion Ratio Lower Upper

142 100

127 0.0 31.1 46.7#

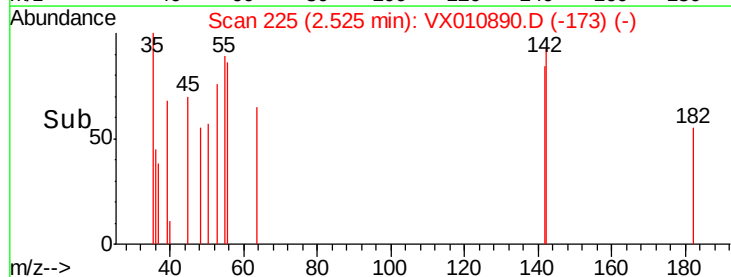
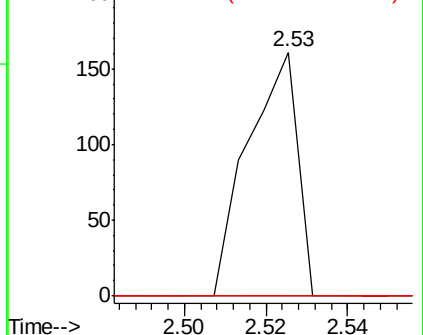
141 0.0 11.2 16.8#

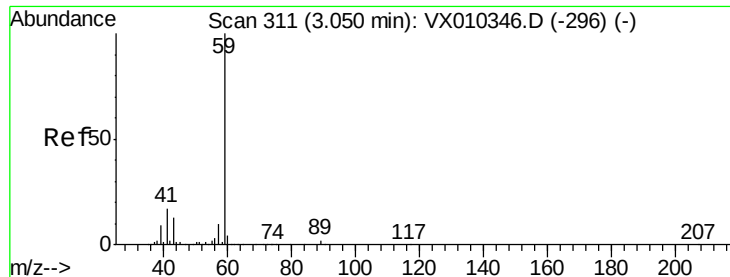


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



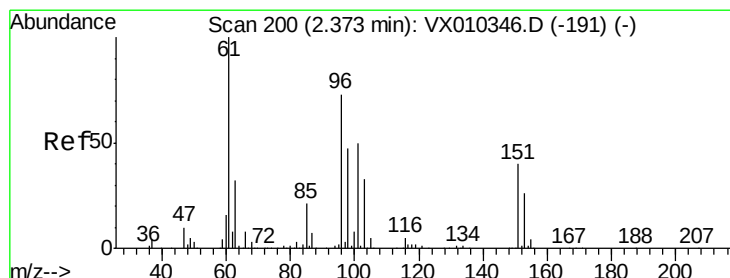
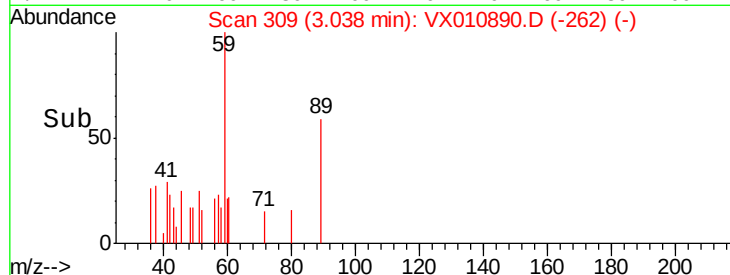
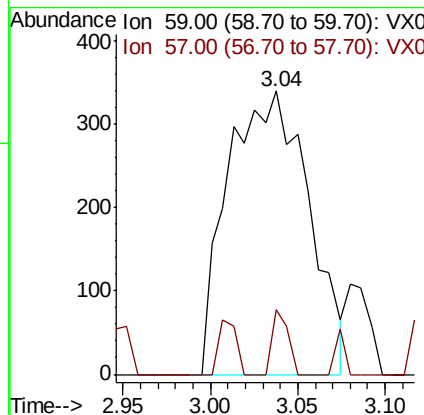
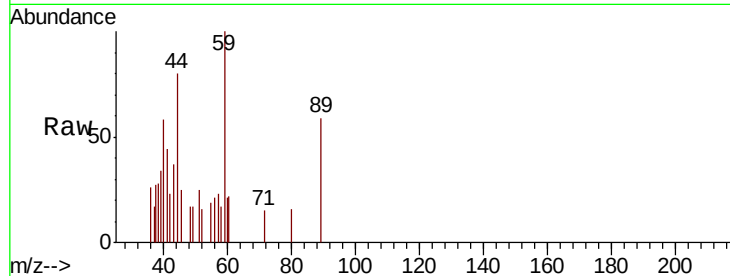


#11

Tert butyl alcohol
Concen: 216.829 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0602DL

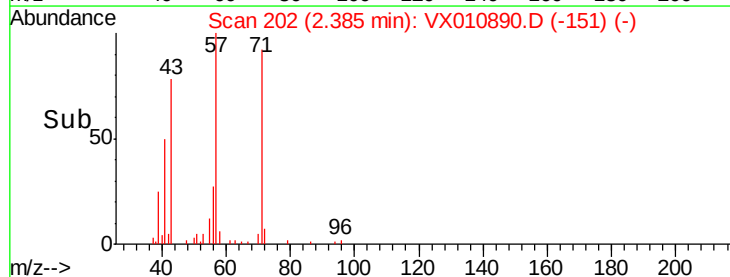
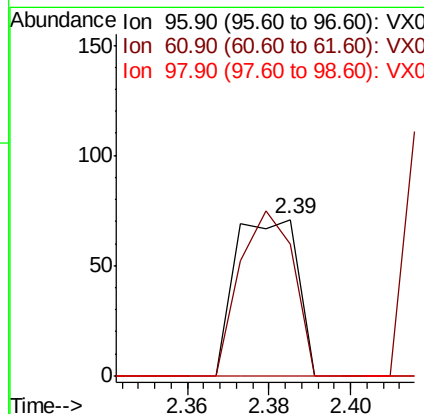
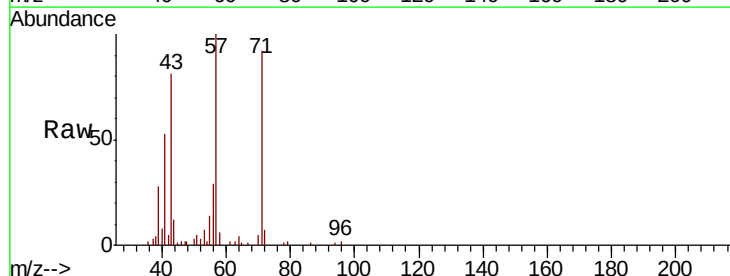
Tot Ion: 59 Resp: 1090
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

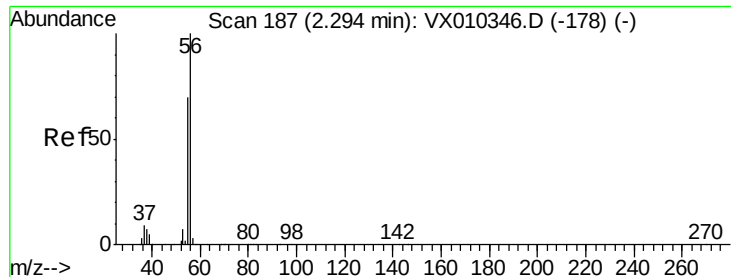


#12

1,1-Dichloroethene
Concen: 4.279 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion: 96 Resp: 76
Ion Ratio Lower Upper
96 100
61 84.5 109.2 163.8#
98 0.0 51.1 76.7#





#13

Acrolein

Concen: 59.674 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleID :

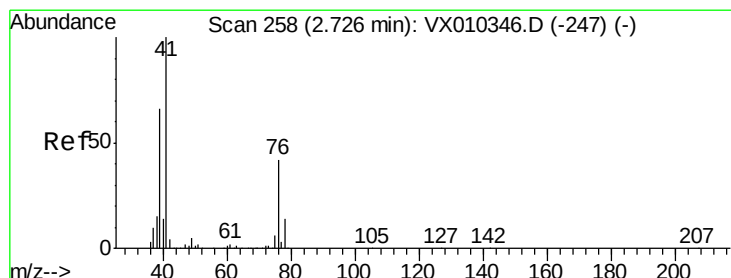
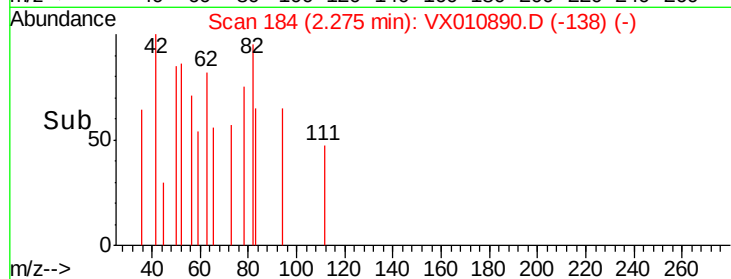
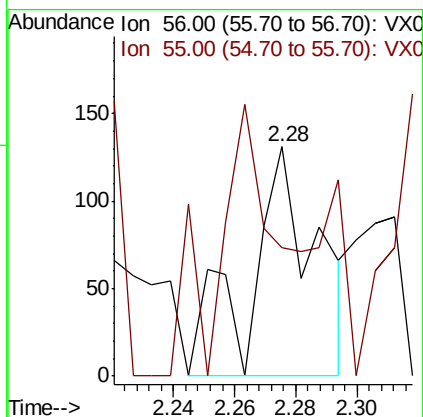
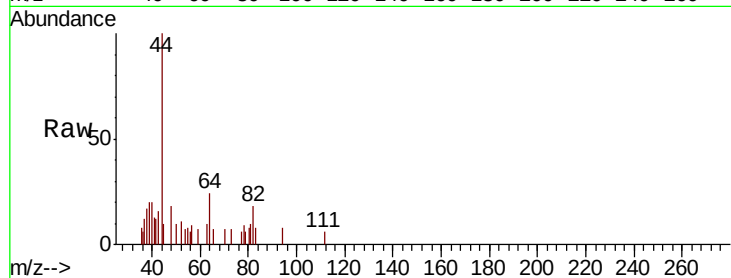
FL-0602DL

Tot Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 104.5 56.9 85.3#



#14

Allyl chloride

Concen: 482.341 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

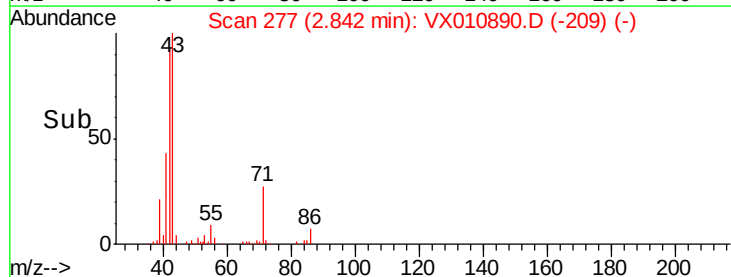
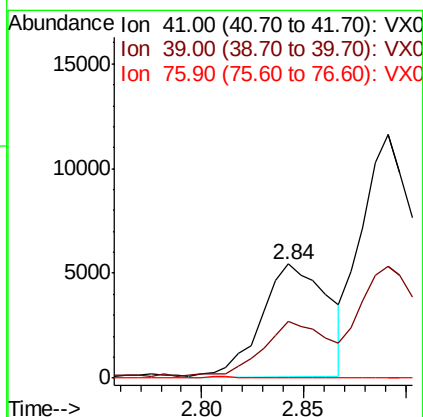
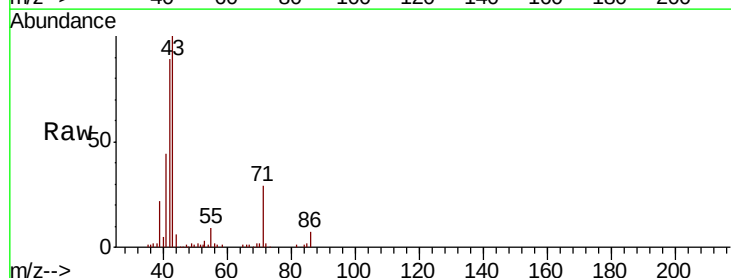
Tgt Ion: 41 Resp: 12162

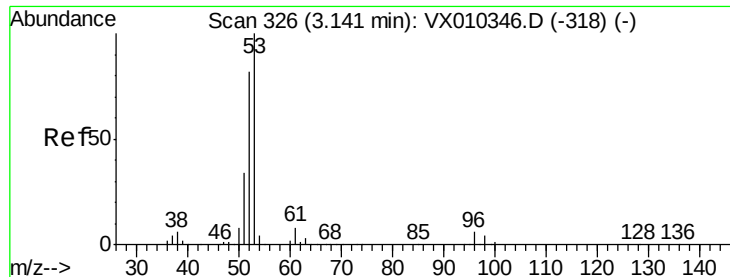
Ion Ratio Lower Upper

41 100

39 46.3 50.3 75.5#

76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 315.386 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0602DL

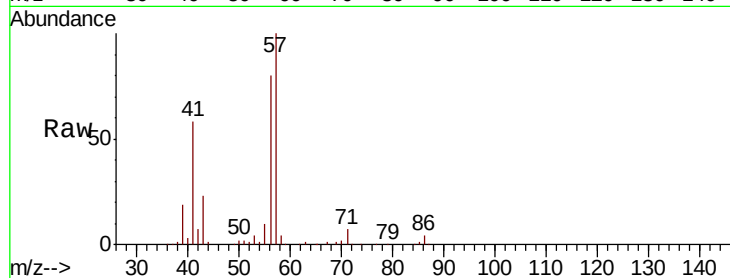
Tot Ion: 53 Resp: 3139

Ion Ratio Lower Upper

53 100

52 27.1 65.5 98.3#

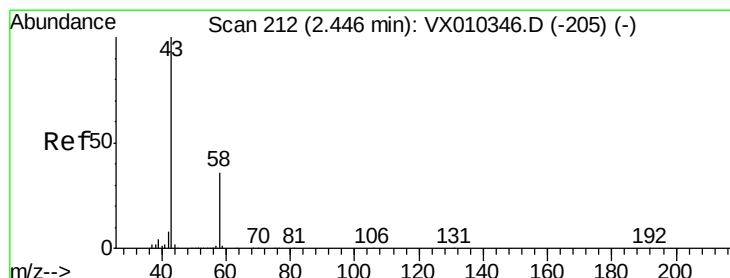
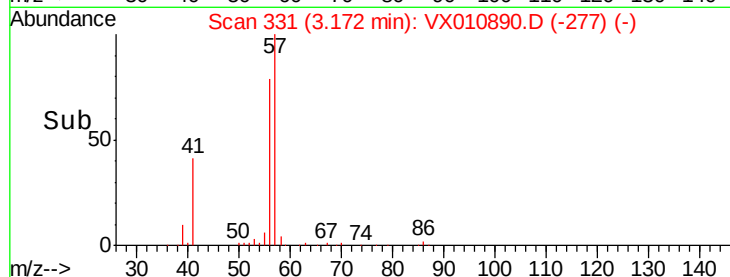
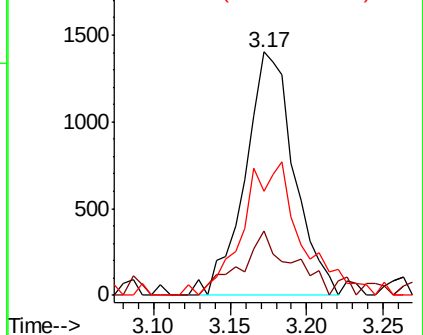
51 64.7 28.2 42.4#



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: 873.894 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010890.D

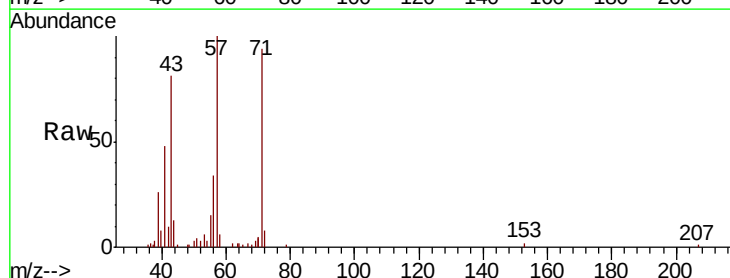
Acq: 15 Jul 2019 17:24

Tgt Ion: 43 Resp: 8414

Ion Ratio Lower Upper

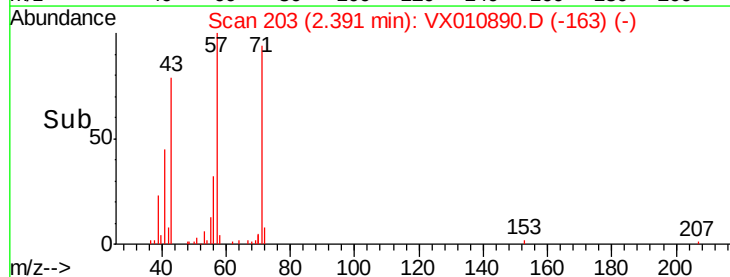
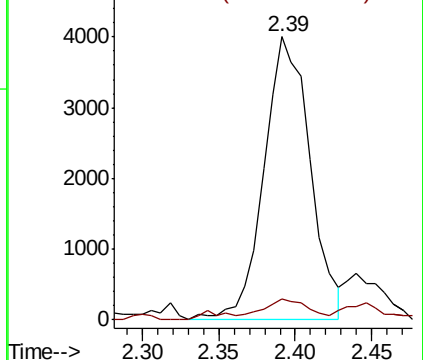
43 100

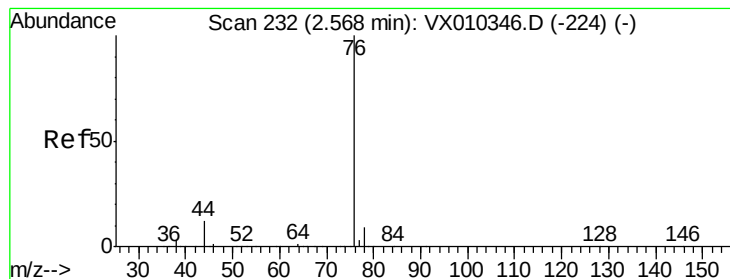
58 7.6 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.075 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

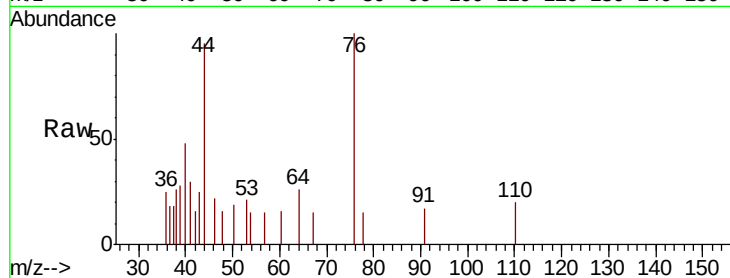
FL-0602DL

Tot Ion: 76 Resp: 623

Ion Ratio Lower Upper

76 100

78 14.7 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

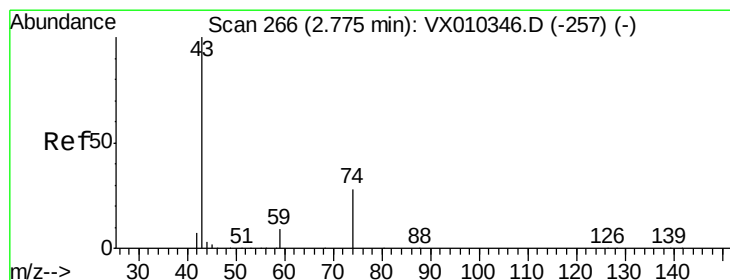
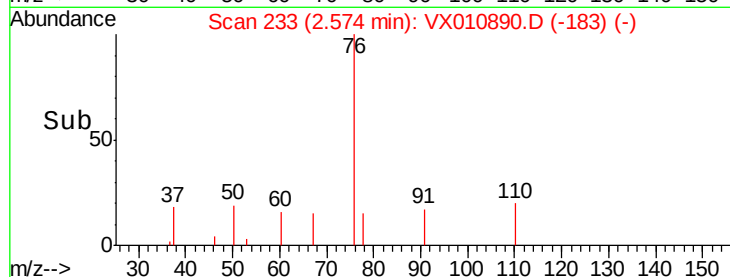
300

200

100

0

Time-->



#18

Methyl Acetate

Concen: 1507.646 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010890.D

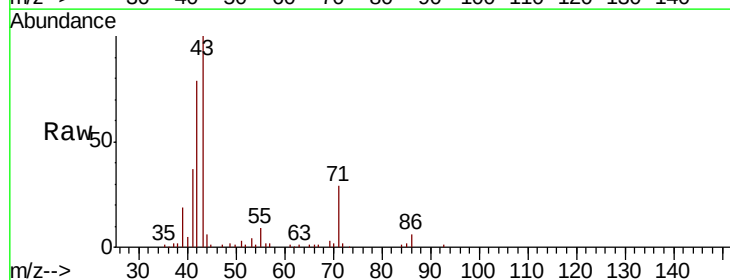
Acq: 15 Jul 2019 17:24

Tgt Ion: 43 Resp: 28931

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

25000

20000

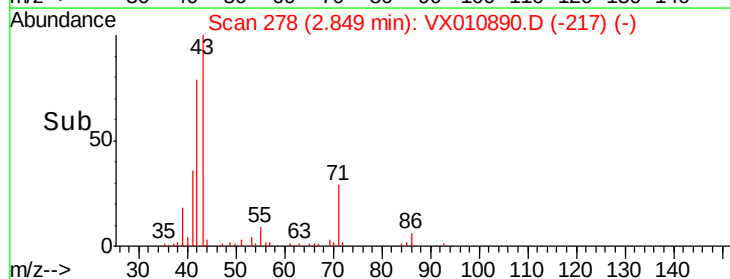
15000

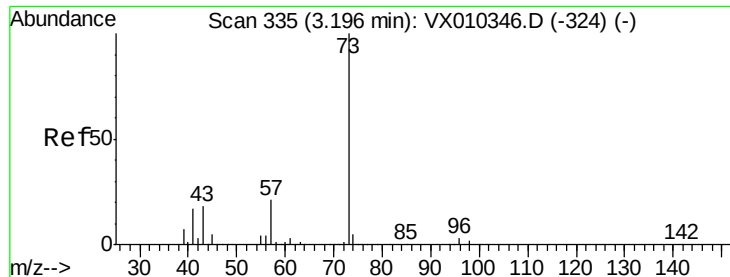
10000

5000

0

Time-->



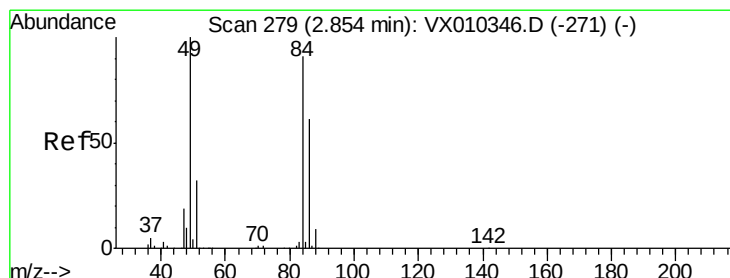
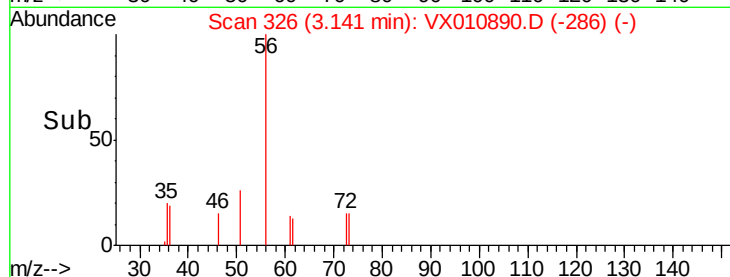
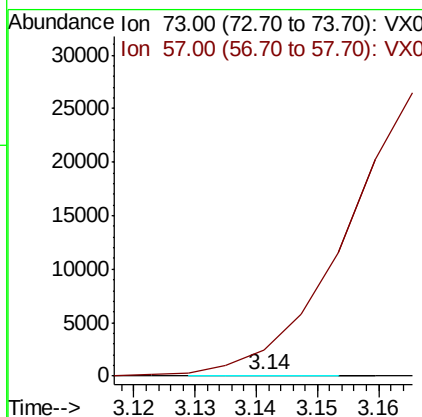
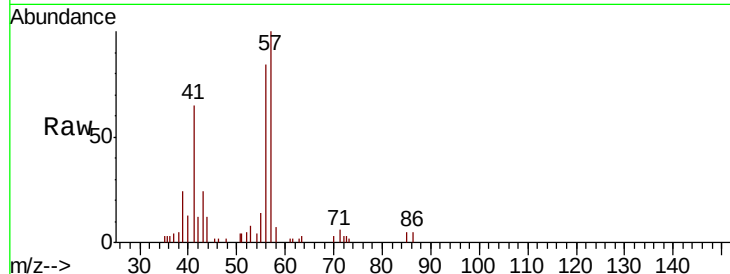


#19

Methvl tert-butyl Ether
 Concen: 0.394 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.05 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

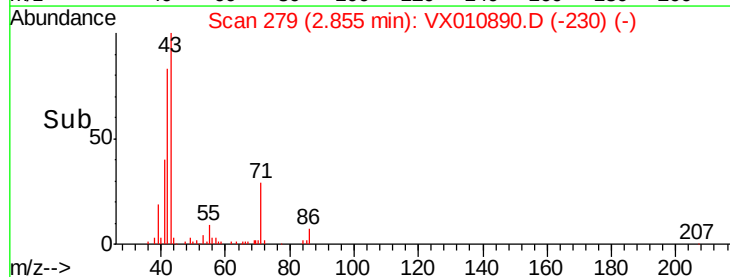
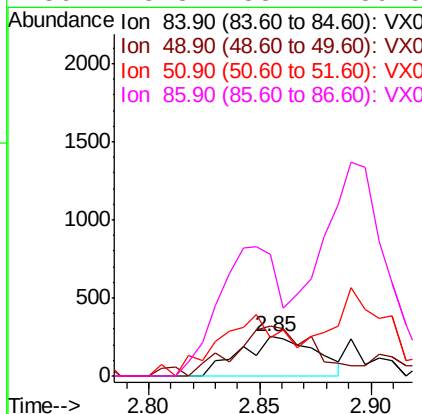
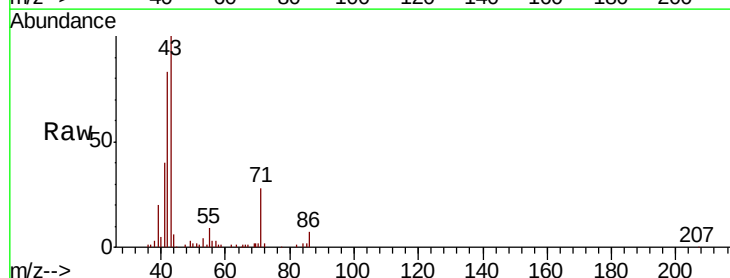
Tot Ion: 73 Resp: 22
 Ion Ratio Lower Upper
 73 100
 57 3613.6 16.4 24.6#

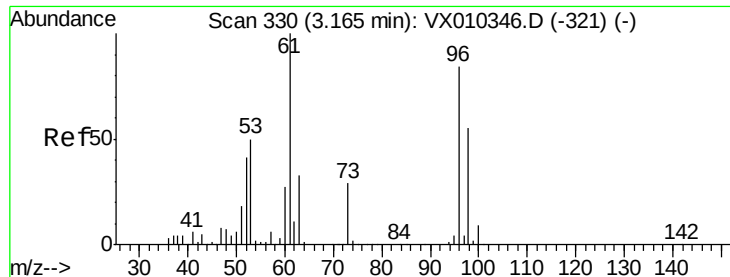


#20

Methylene Chloride
 Concen: 29.726 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 84 Resp: 589
 Ion Ratio Lower Upper
 84 100
 49 125.4 87.5 131.3
 51 46.0 27.7 41.5#
 86 275.8 53.4 80.0#





#21

trans-1,2-Dichloroethene

Concen: 0.995 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.04 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

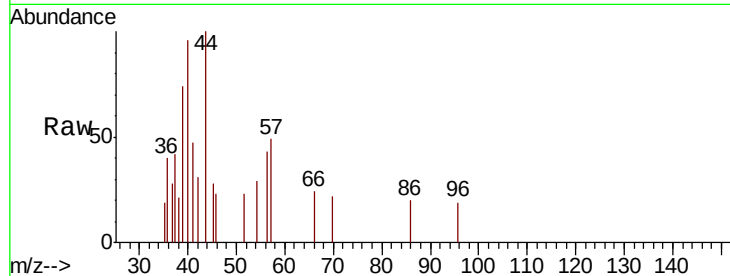
Tot Ion: 96 Resp: 19

Ion Ratio Lower Upper

96 100

61 0.0 95.6 143.4#

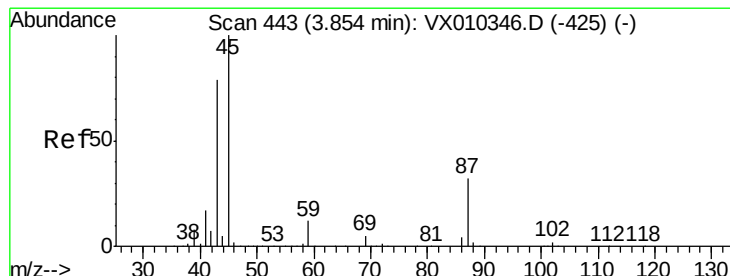
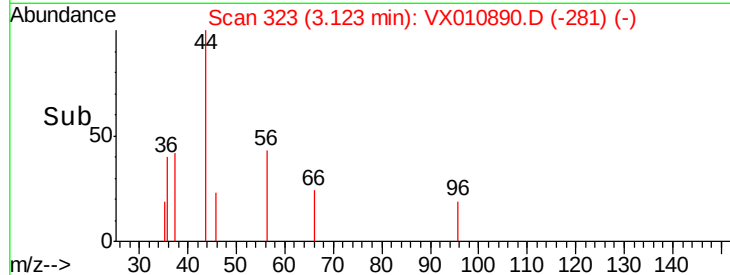
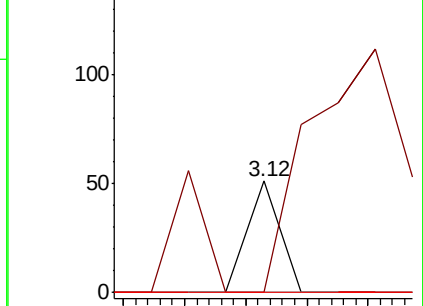
98 0.0 52.5 78.7#



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: 3.357 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Tgt Ion: 45 Resp: 177

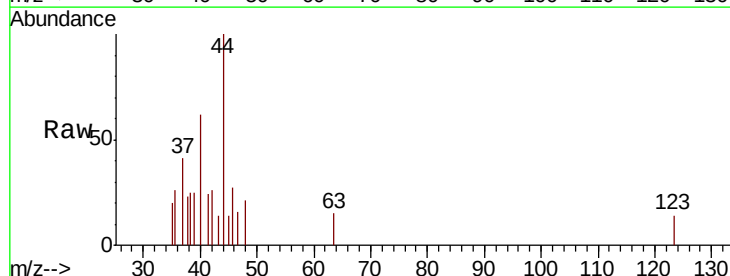
Ion Ratio Lower Upper

45 100

43 0.0 63.3 94.9#

87 0.0 25.8 38.8#

59 0.0 9.6 14.4#

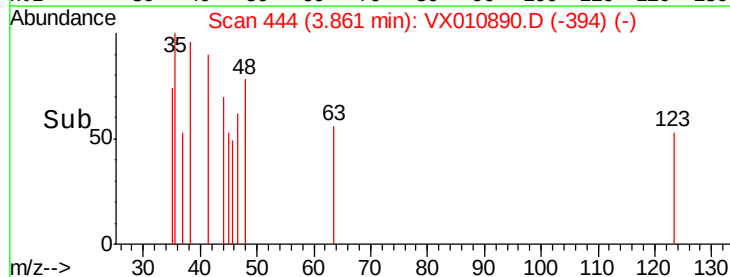
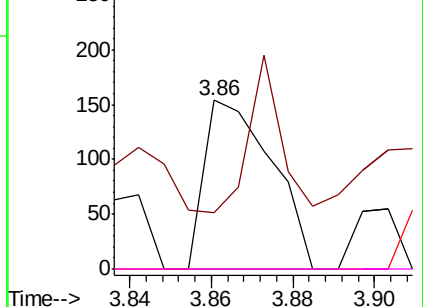


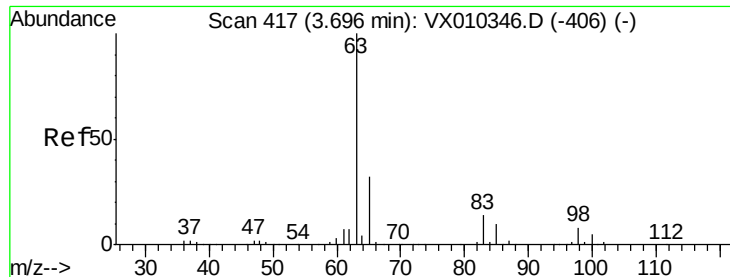
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

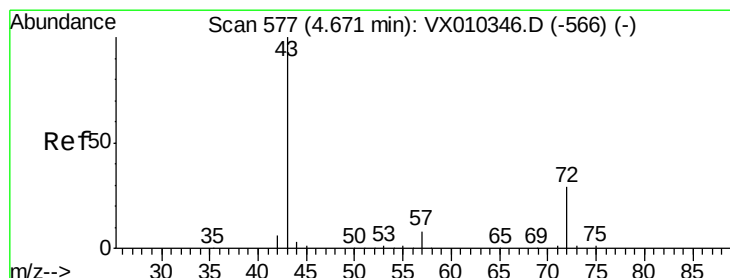
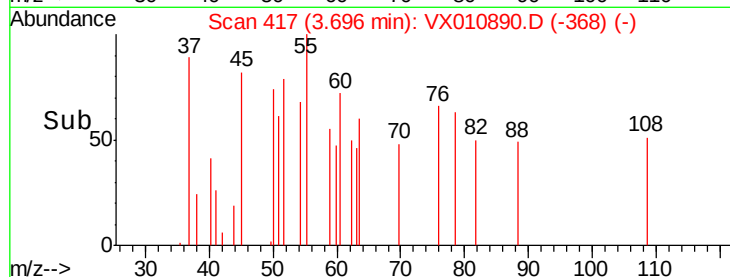
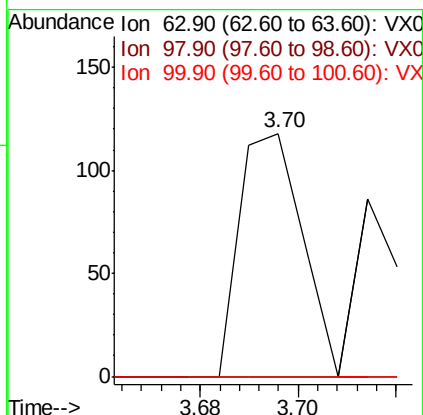
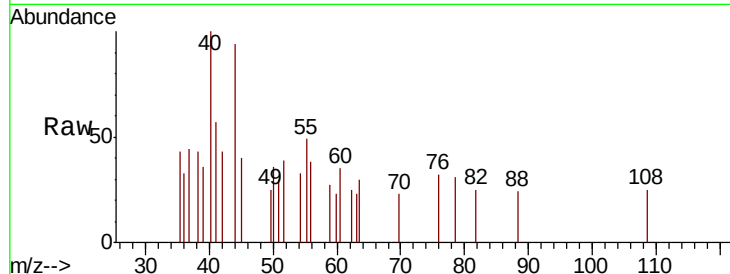




#24
 1,1-Dichloroethane
 Concen: 3.446 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

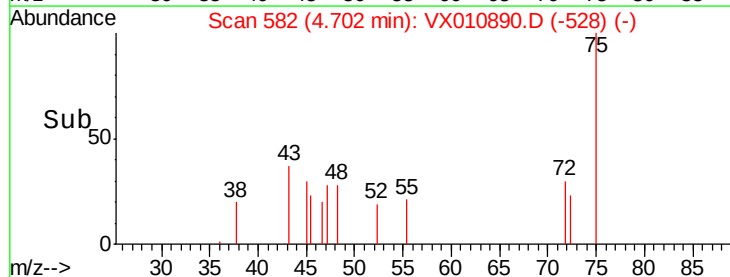
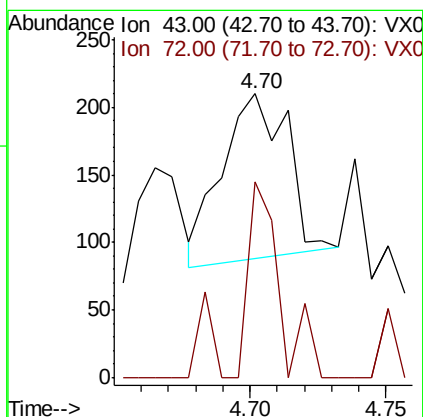
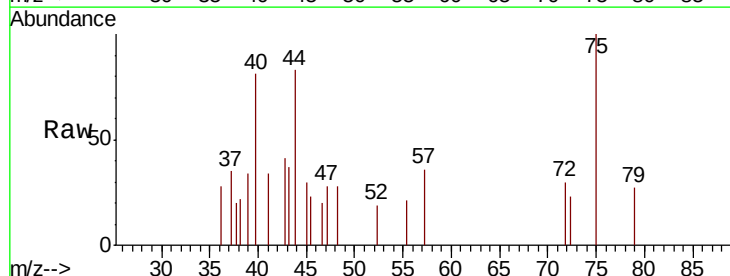
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0602DL

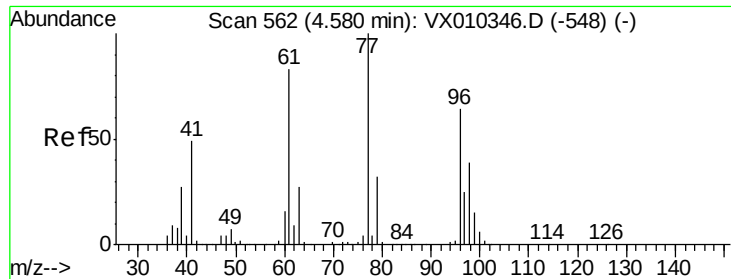
Tot Ion: 63 Resp: 105
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.1#



#25
 2-Butanone
 Concen: 14.515 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.03 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 43 Resp: 205
 Ion Ratio Lower Upper
 43 100
 72 127.2 23.3 34.9#

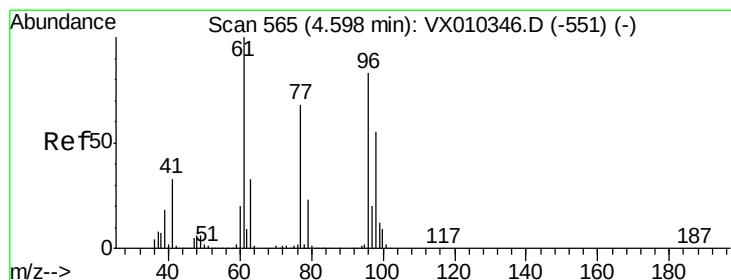
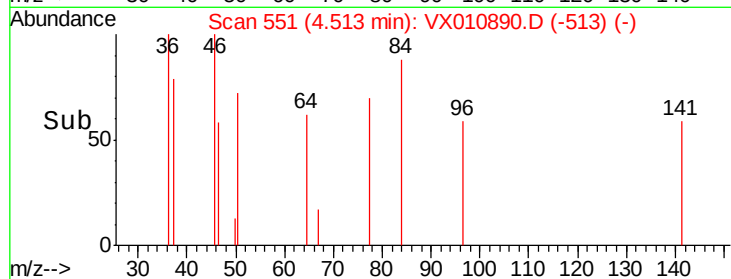
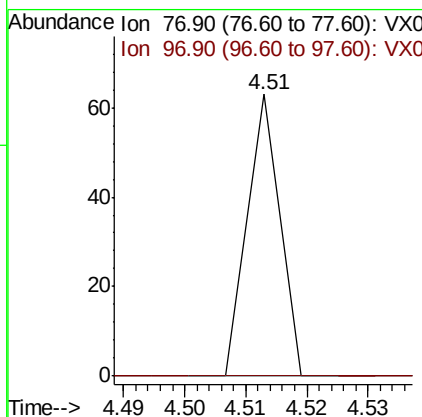
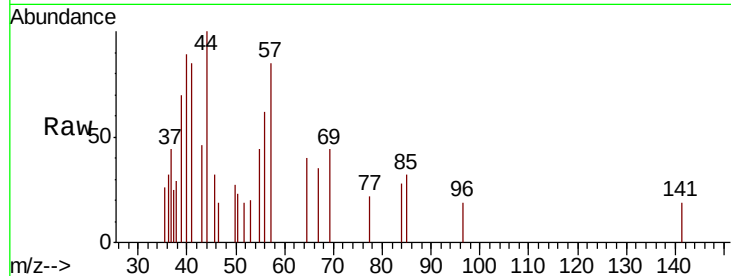




#26
 2,2-Dichloropropane
 Concen: 0.869 ug/l
 RT: 4.51 min Scan# 551
 Delta R.T. -0.07 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

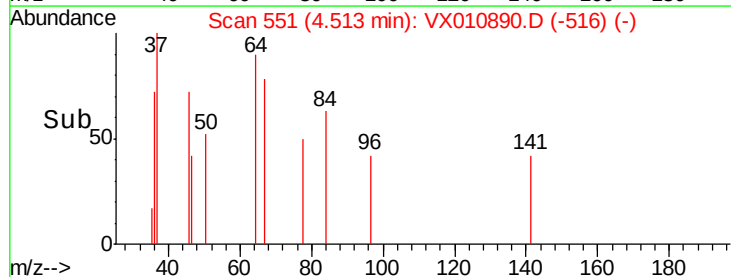
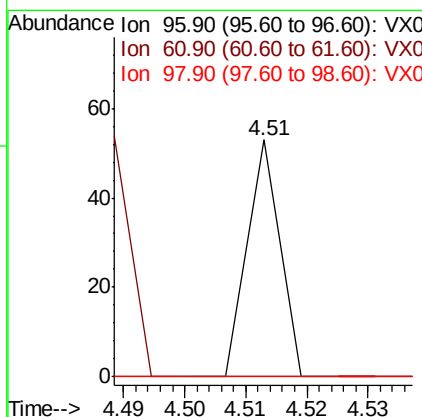
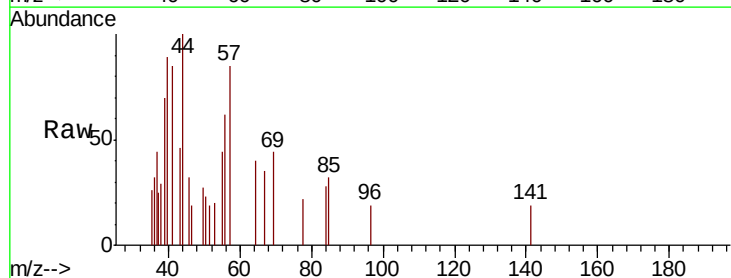
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

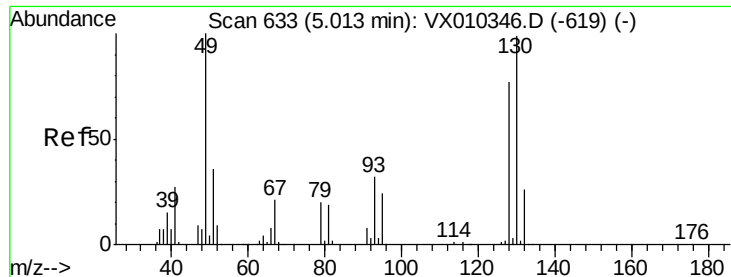
Tot Ion: 77 Resp: 23
 Ion Ratio Lower Upper
 77 100
 97 0.0 13.1 39.3#



#27
 cis-1,2-Dichloroethene
 Concen: 0.861 ug/l
 RT: 4.51 min Scan# 551
 Delta R.T. -0.09 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 96 Resp: 19
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 251.8
 98 0.0 0.0 129.4





#28

Bromochloromethane

Concen: 6.520 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleID :

FL-0602DL

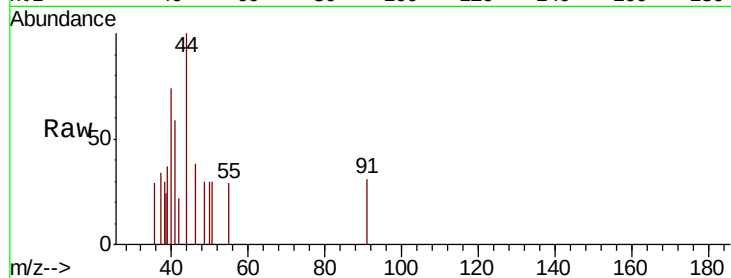
Tot Ion: 49 Resp: 95

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

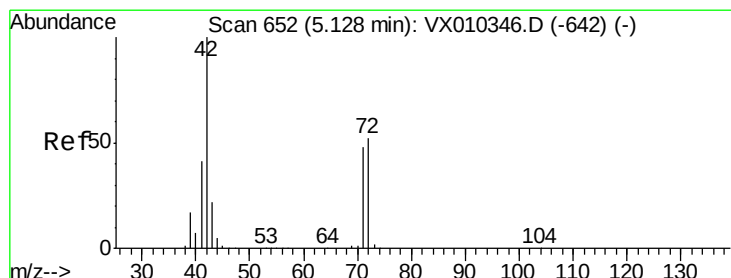
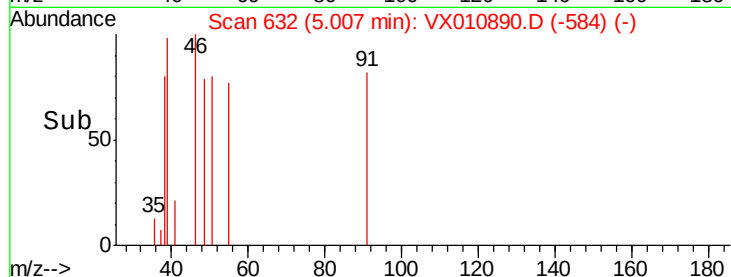
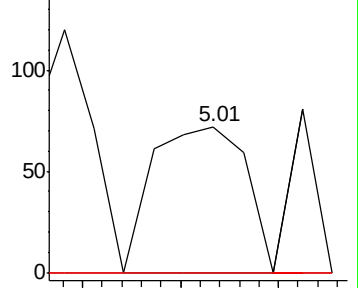
130 0.0 81.4 122.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 18.175 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

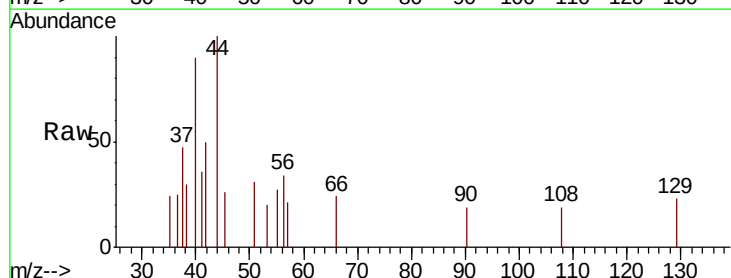
Tgt Ion: 42 Resp: 159

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

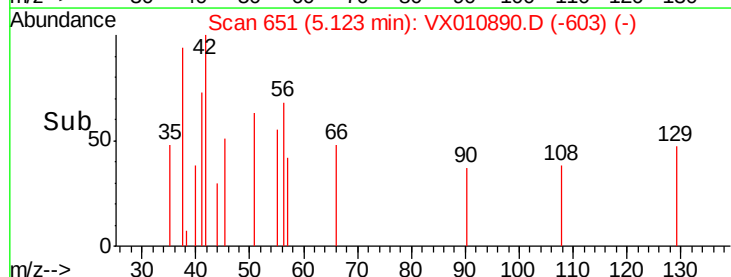
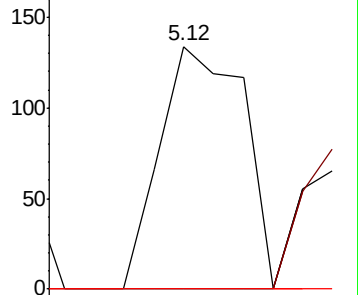
71 0.0 37.8 56.8#

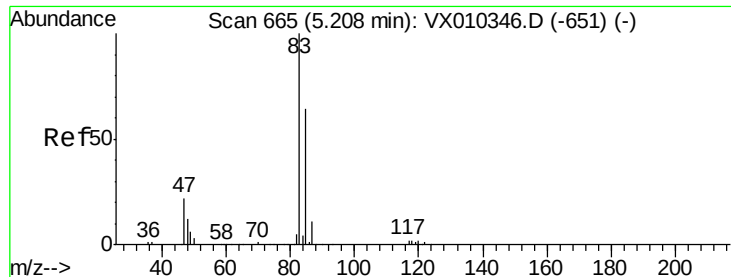


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 6.893 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

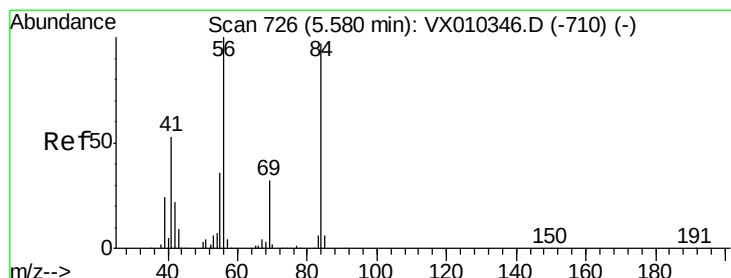
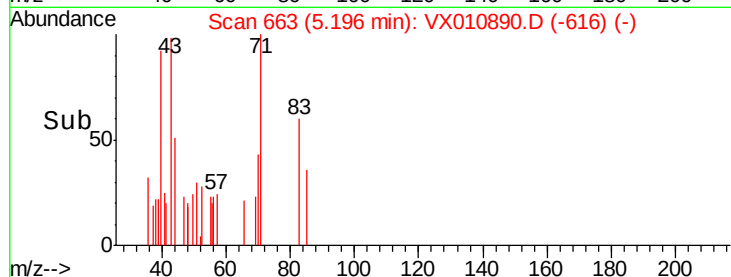
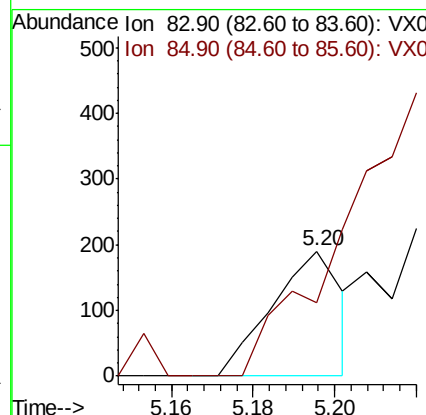
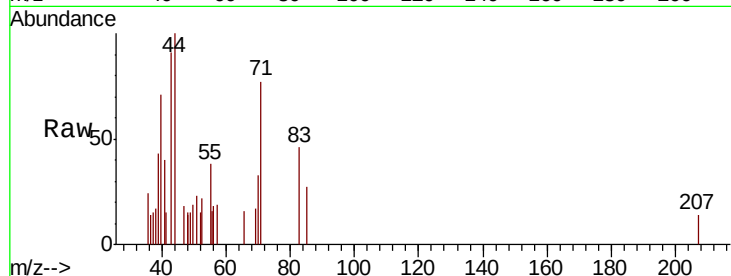
FL-0602DL

Tot Ion: 83 Resp: 226

Ion Ratio Lower Upper

83 100

85 58.9 50.9 76.3



#31

Cyclohexane

Concen: 2018.684 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

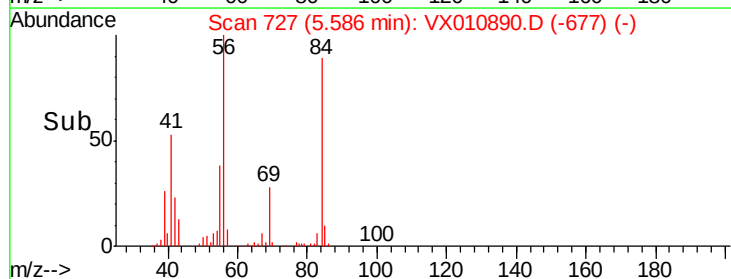
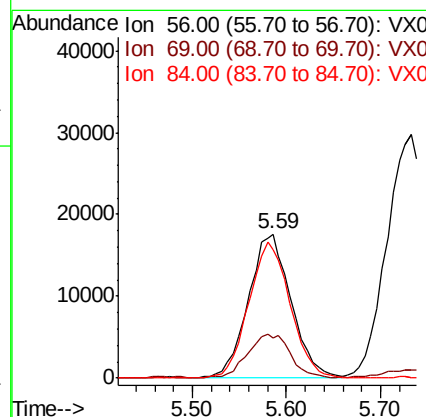
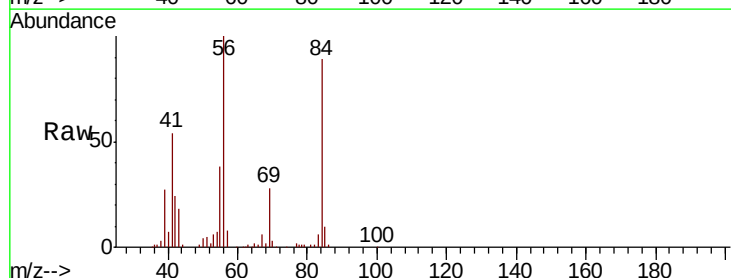
Tgt Ion: 56 Resp: 56018

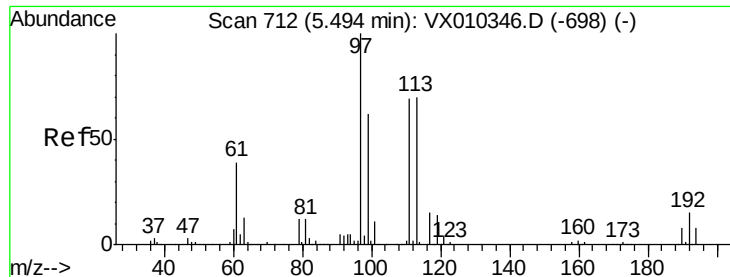
Ion Ratio Lower Upper

56 100

69 27.7 25.9 38.9

84 88.9 78.0 117.0





#32

1,1,1-Trichloroethane

Concen: 0.691 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.16 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

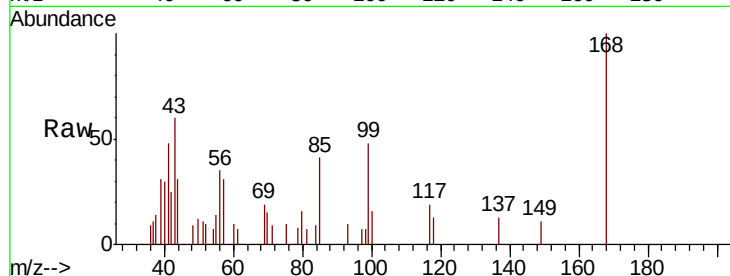
Tot Ion: 97 Resp: 20

Ion Ratio Lower Upper

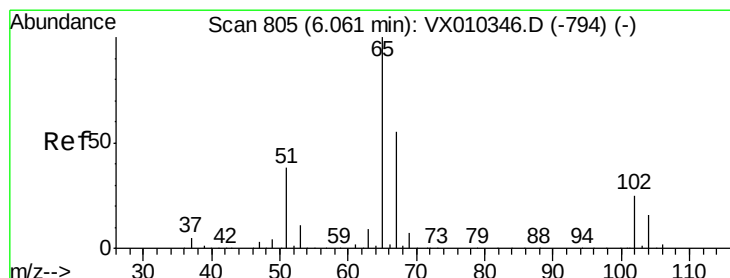
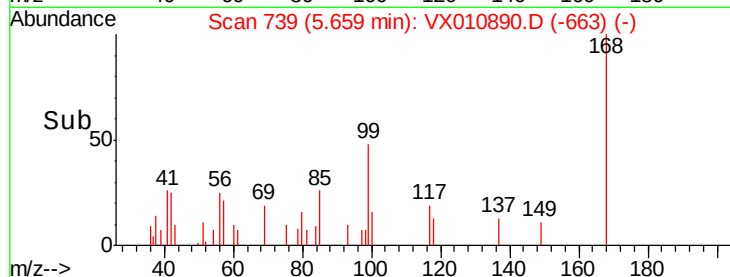
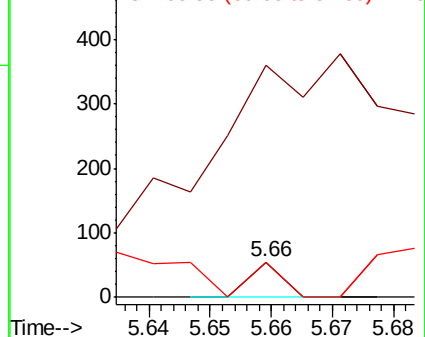
97 100

99 0.0 51.8 77.8#

61 0.0 32.1 48.1#



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: 60.433 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010890.D

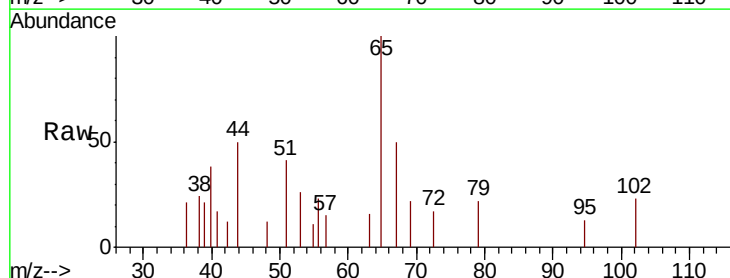
Acq: 15 Jul 2019 17:24

Tgt Ion: 65 Resp: 1161

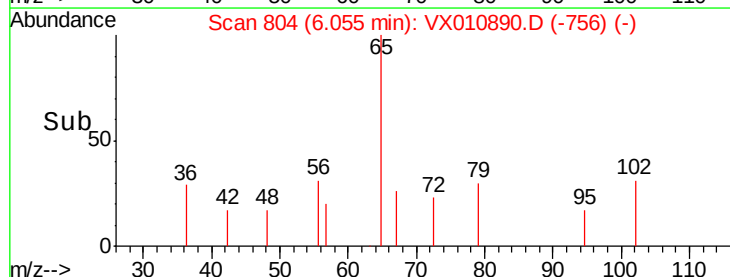
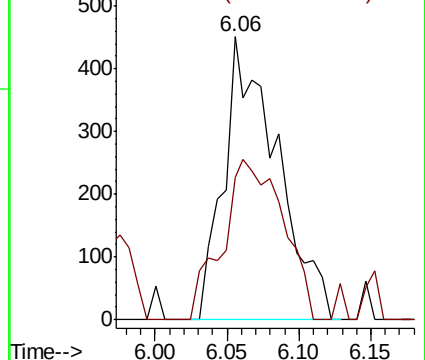
Ion Ratio Lower Upper

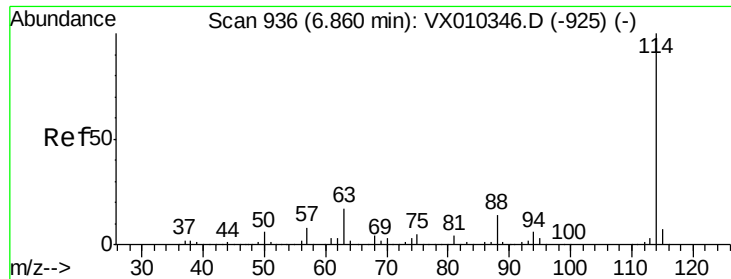
65 100

67 64.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

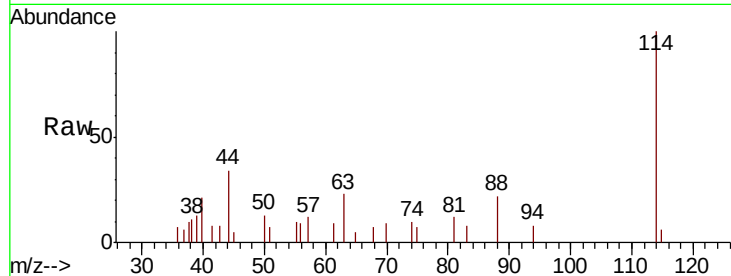




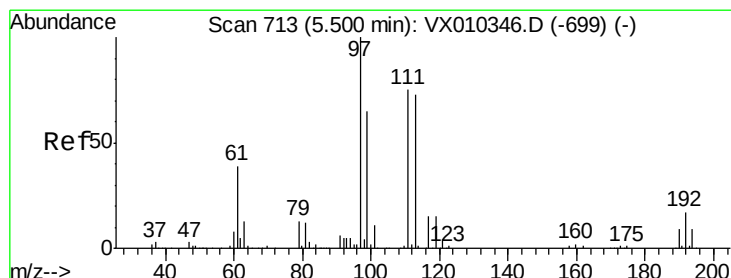
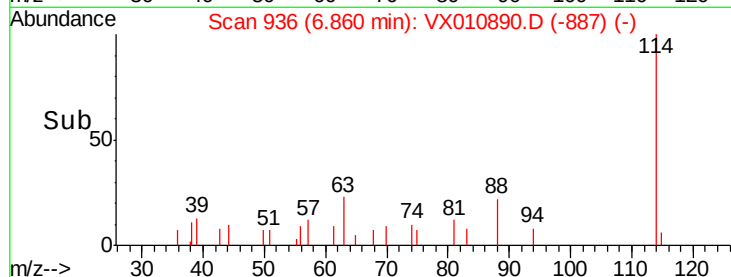
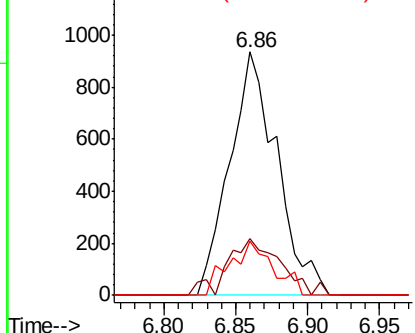
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0602DL

Tot Ion:114 Resp: 2134
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 33.8
 88 22.3 0.0 27.6

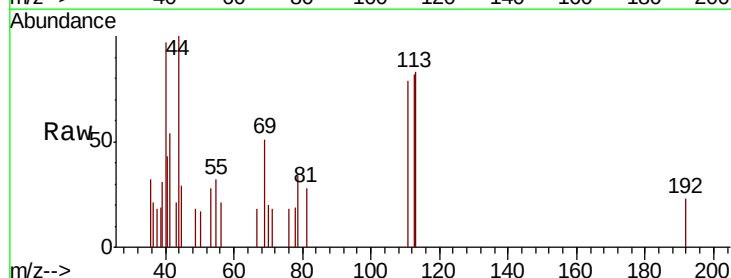


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

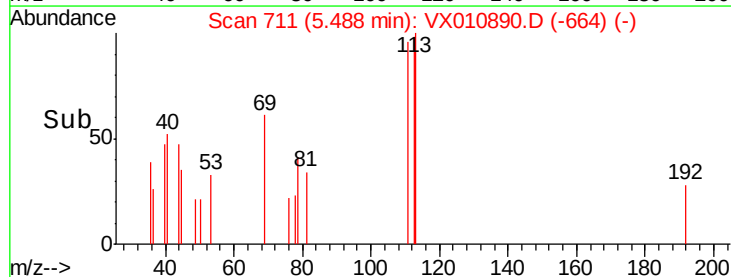
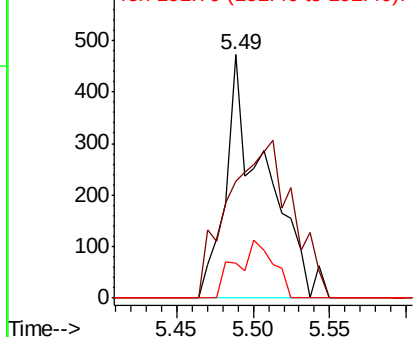


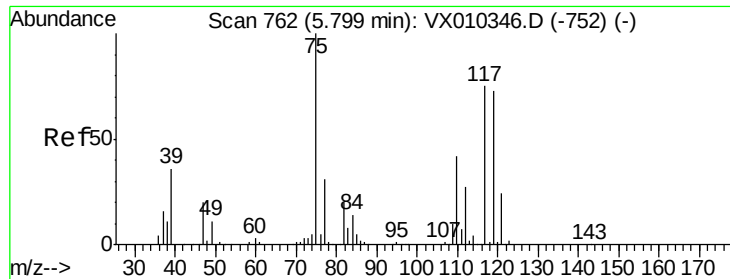
#35
 Dibromofluoromethane
 Concen: 64.642 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion:113 Resp: 844
 Ion Ratio Lower Upper
 113 100
 111 0.0 81.2 121.8#
 192 0.0 18.6 27.8#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.779 ug/l

RT: 5.71 min Scan# 748

Delta R.T. -0.09 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

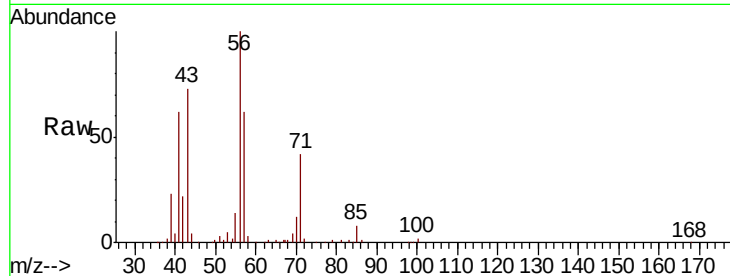
Tot Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

110 0.0 20.8 62.2#

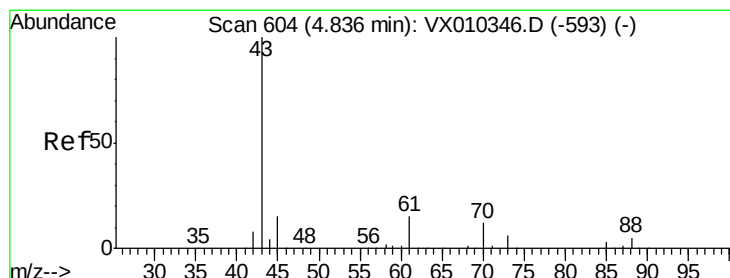
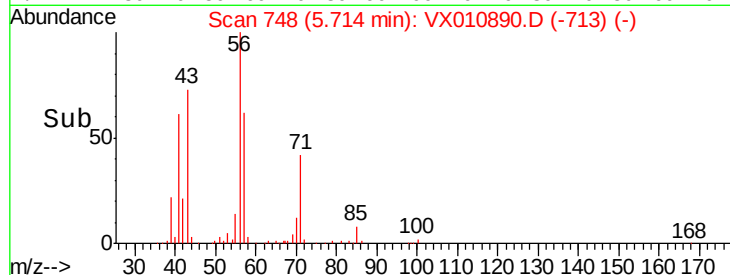
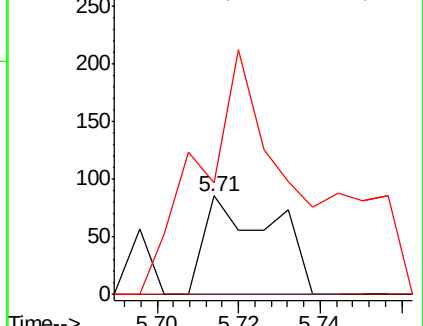
77 386.7 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 13.127 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

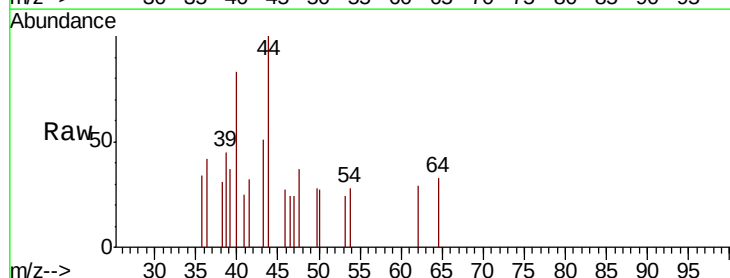
Tgt Ion: 43 Resp: 229

Ion Ratio Lower Upper

43 100

61 8.3 12.4 18.6#

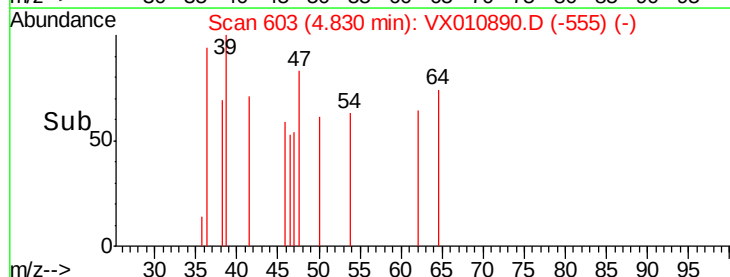
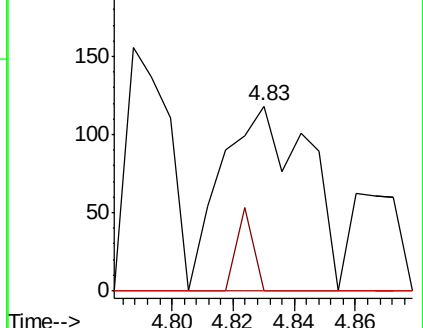
70 0.0 9.8 14.8#

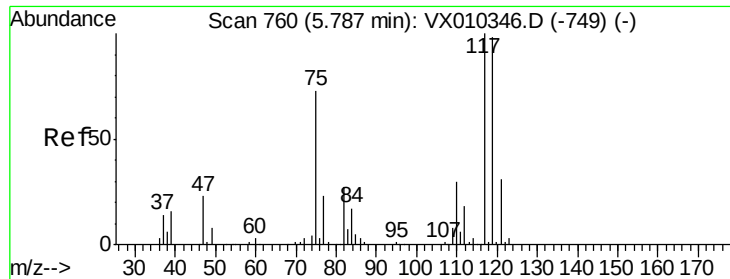


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 2.832 ug/l

RT: 5.70 min Scan# 746

Delta R.T. -0.09 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

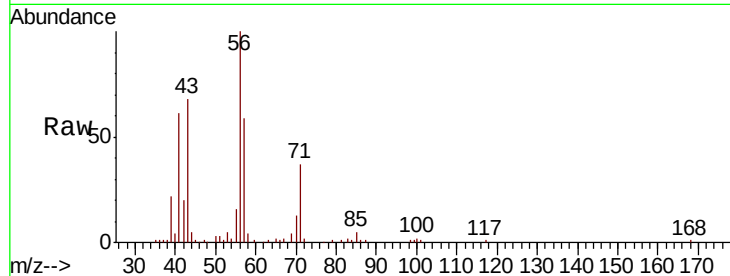
Tot Ion:117 Resp: 52

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.4#

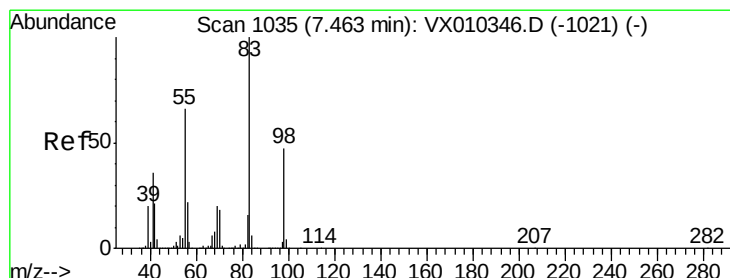
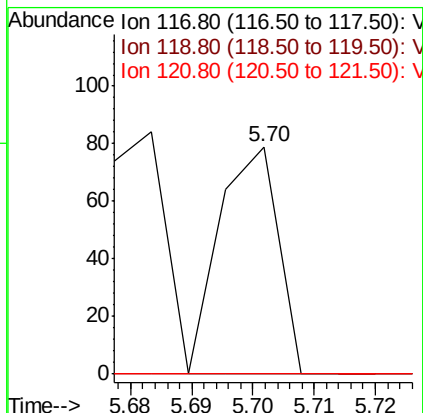
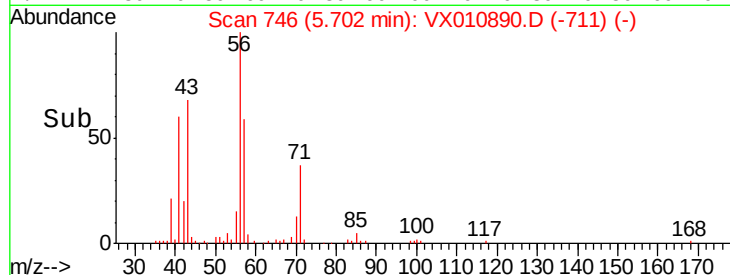
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3710.510 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

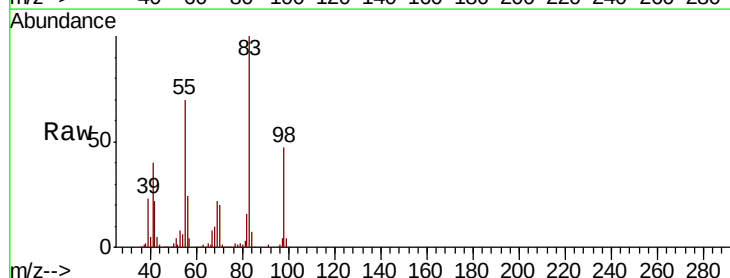
Tgt Ion: 83 Resp: 82710

Ion Ratio Lower Upper

83 100

55 69.5 53.0 79.6

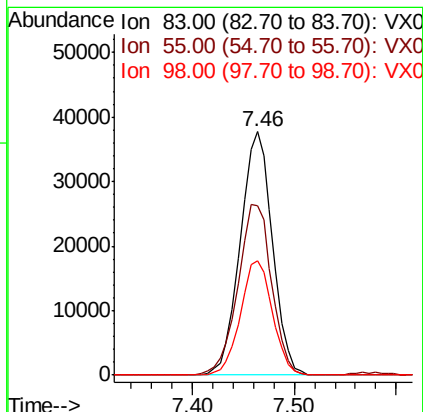
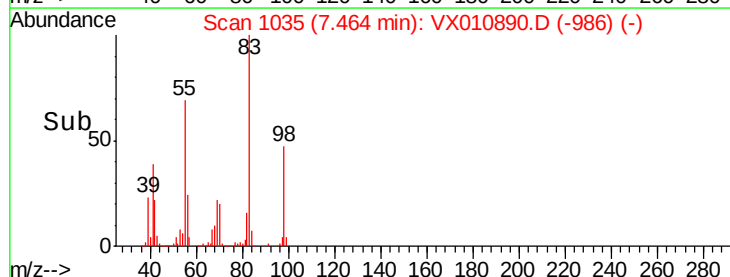
98 46.9 37.8 56.8

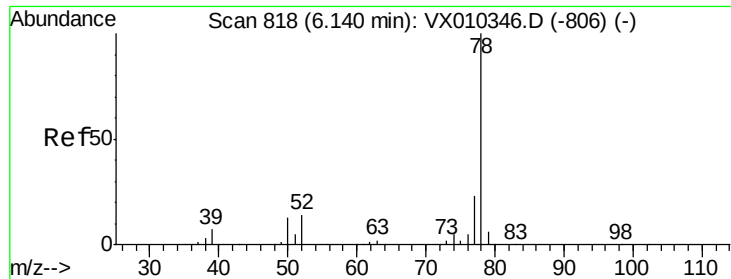


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.852 ug/l

RT: 6.10 min Scan# 811

Delta R.T. -0.04 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

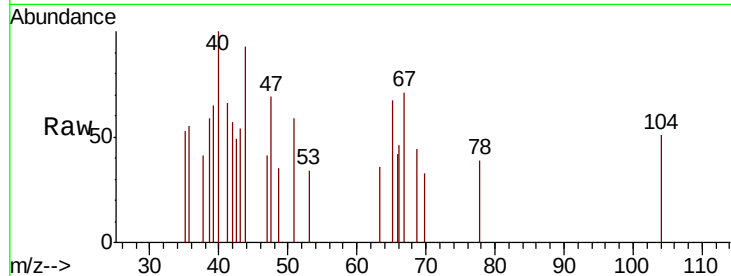
FL-0602DL

Tot Ion: 78 Resp: 45

Ion Ratio Lower Upper

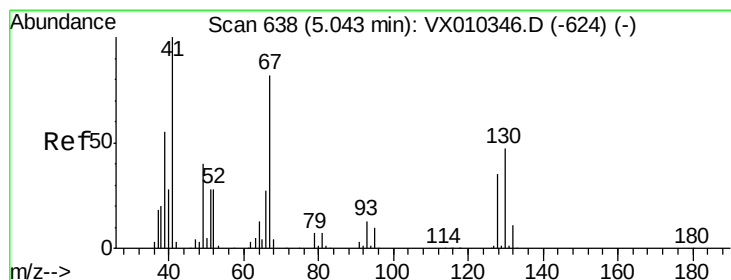
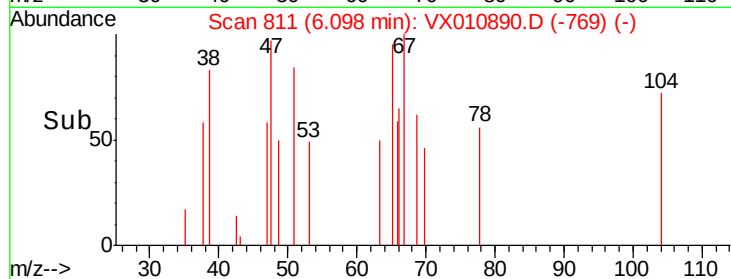
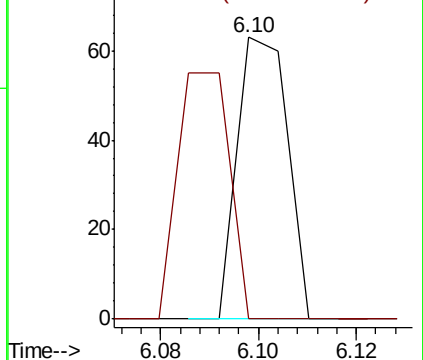
78 100

77 0.0 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 7.313 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Tgt Ion: 41 Resp: 70

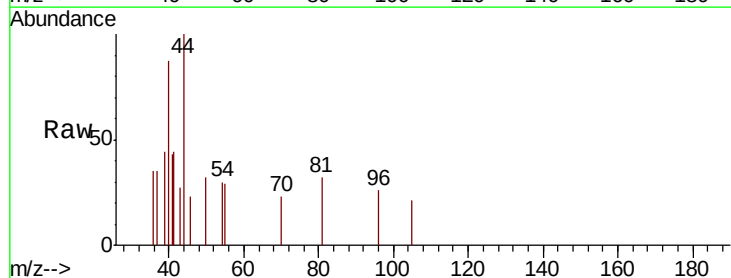
Ion Ratio Lower Upper

41 100

39 242.9 43.8 65.8#

67 30.0 66.6 100.0#

52 0.0 24.5 36.7#

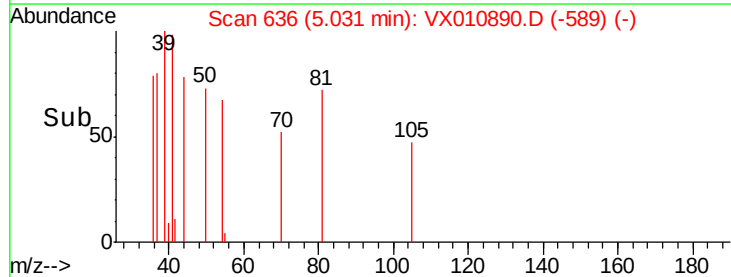
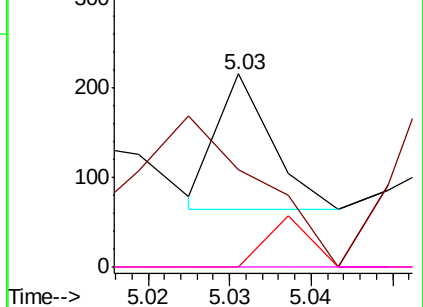


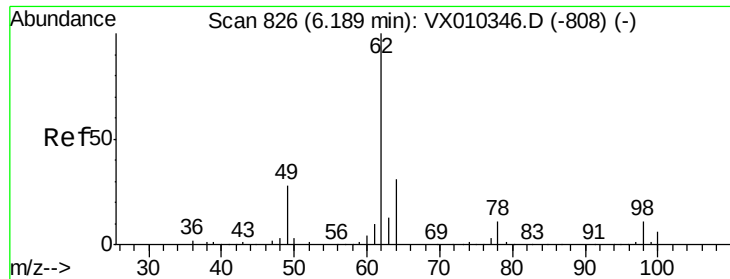
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.181 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

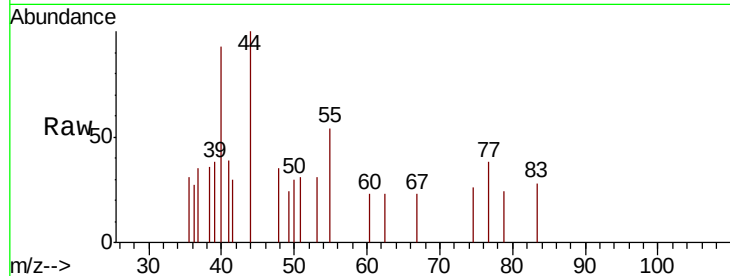
FL-0602DL

Tot Ion: 62 Resp: 19

Ion Ratio Lower Upper

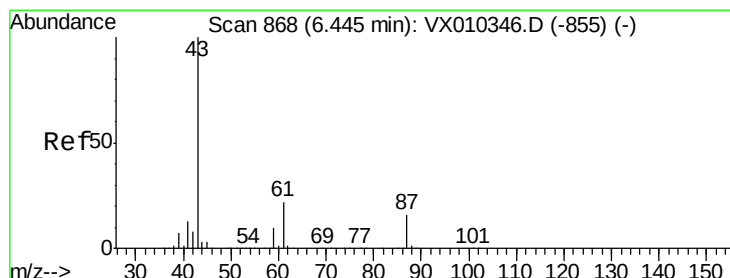
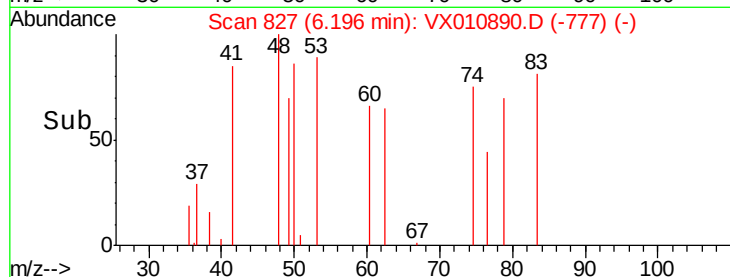
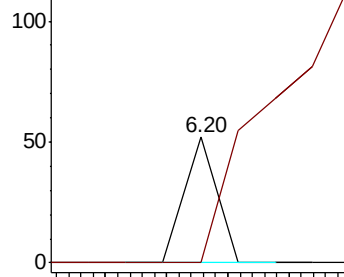
62 100

98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 47.811 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

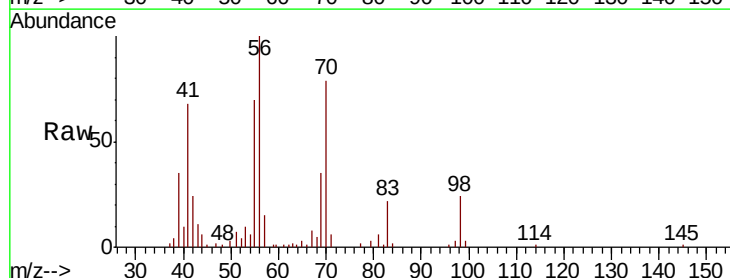
Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

43 100

61 3.0 17.8 26.6#

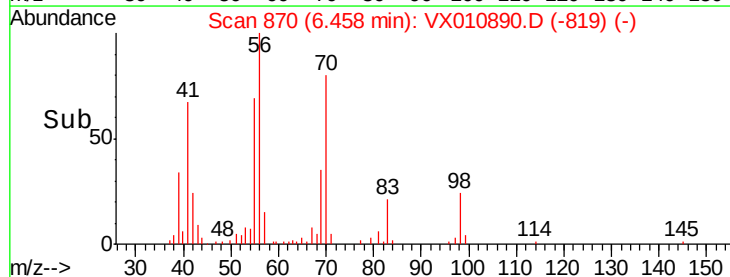
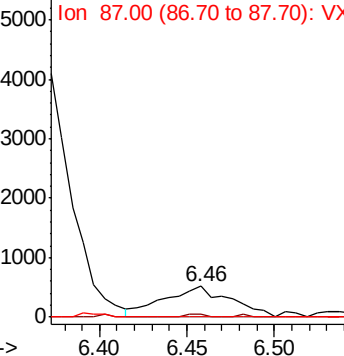
87 0.0 13.0 19.4#

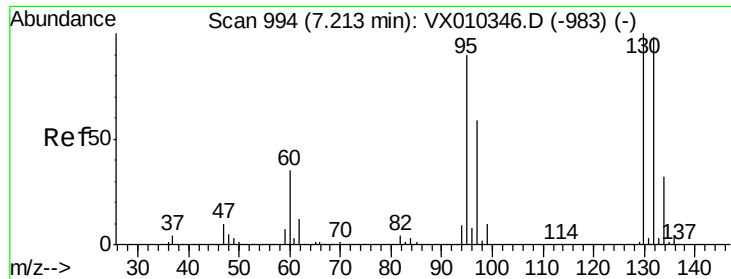


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.518 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleID :

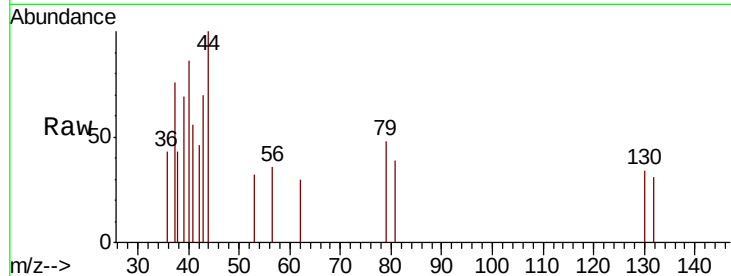
FL-0602DL

Tot Ion:130 Resp: 24

Ion Ratio Lower Upper

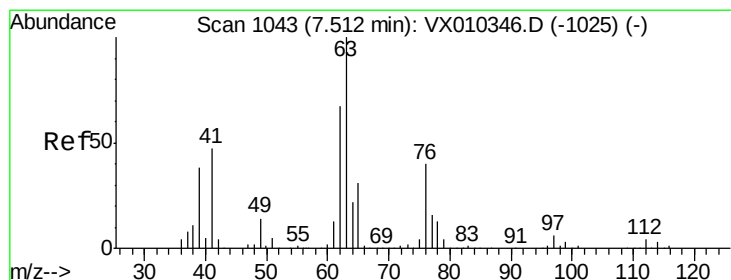
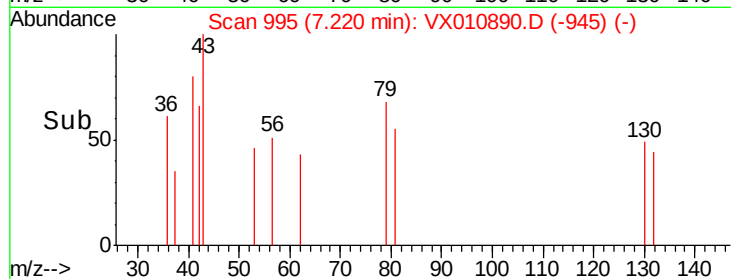
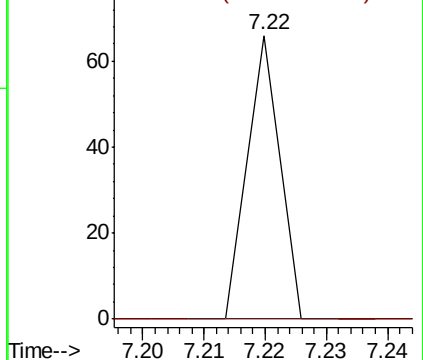
130 100

95 0.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 75.029 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010890.D

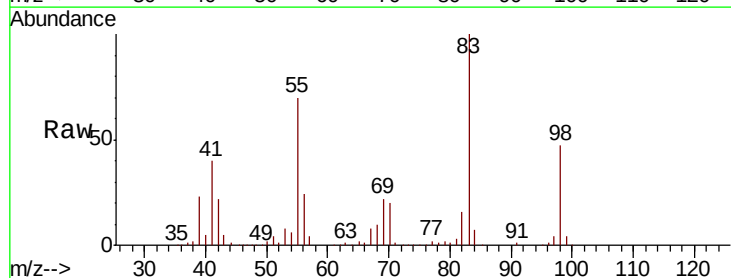
Acq: 15 Jul 2019 17:24

Tgt Ion: 63 Resp: 1001

Ion Ratio Lower Upper

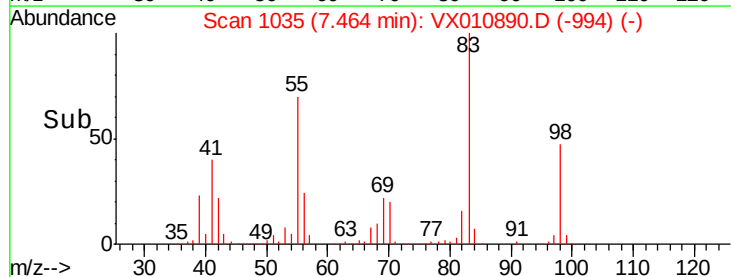
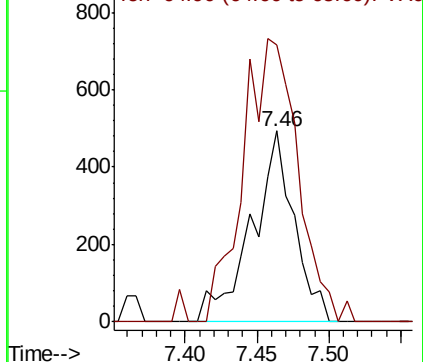
63 100

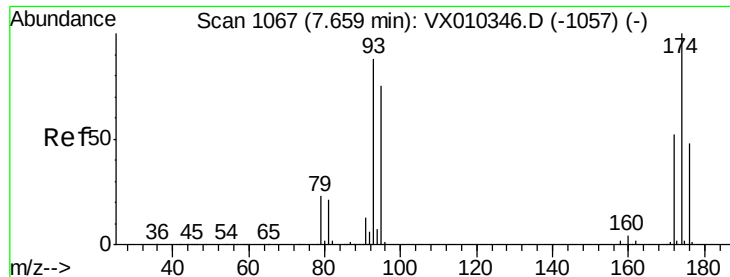
65 144.9 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.985 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.13 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0602DL

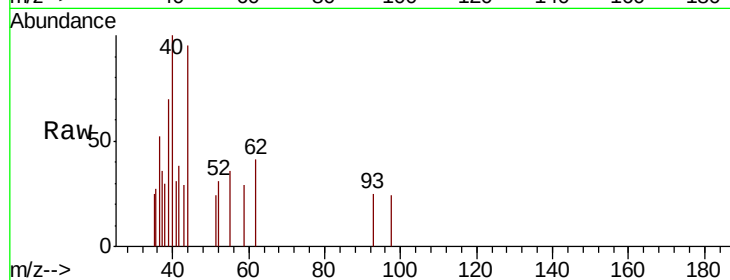
Tot Ion: 93 Resp: 19

Ion Ratio Lower Upper

93 100

95 0.0 67.5 101.3#

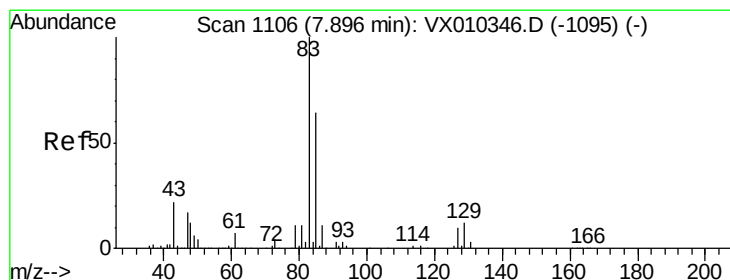
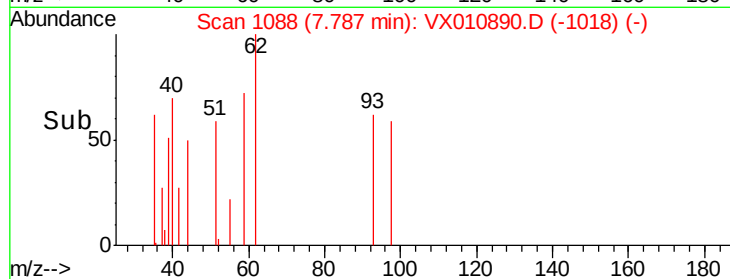
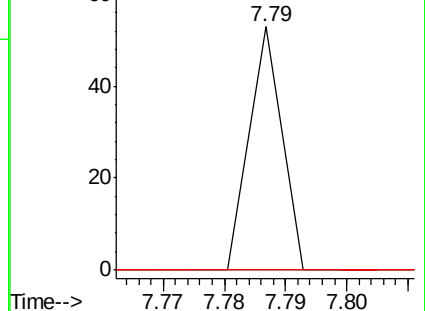
174 0.0 95.8 143.6#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 3.249 ug/l

RT: 7.95 min Scan# 1114

Delta R.T. 0.05 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

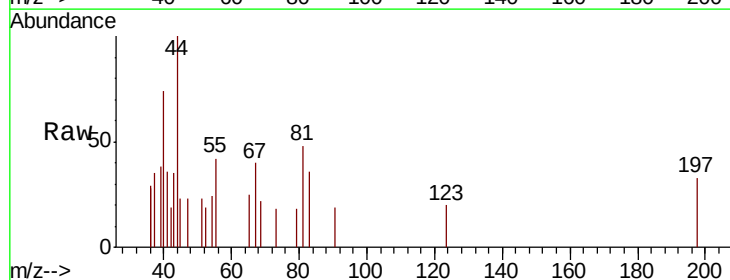
Tgt Ion: 83 Resp: 57

Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

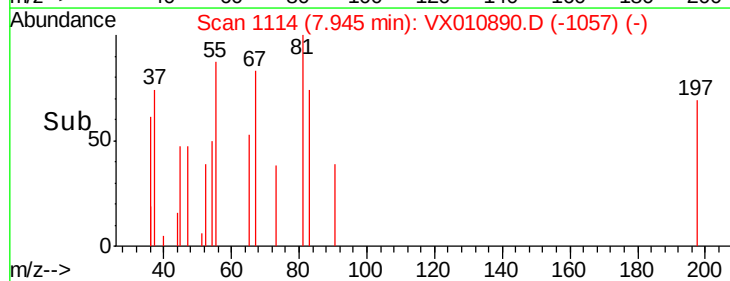
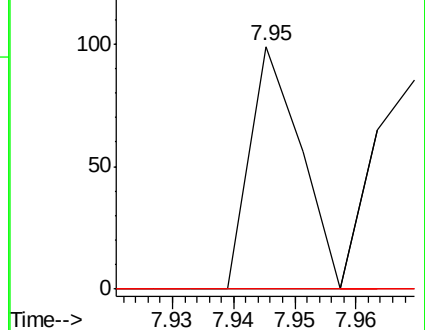
127 0.0 7.8 11.8#

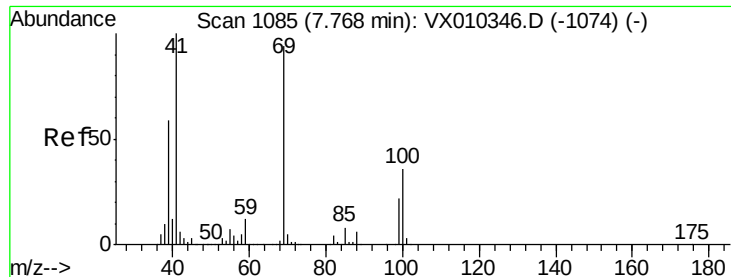


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 264.978 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

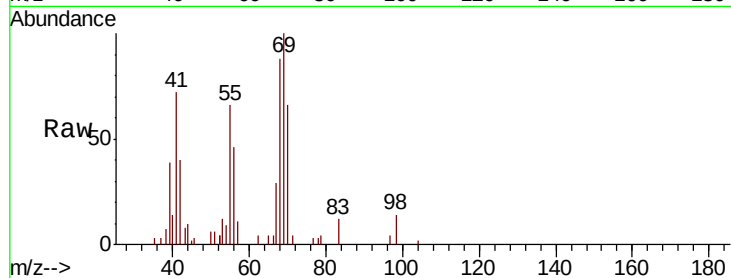
Tot Ion: 41 Resp: 3555

Ion Ratio Lower Upper

41 100

69 158.5 76.1 114.1#

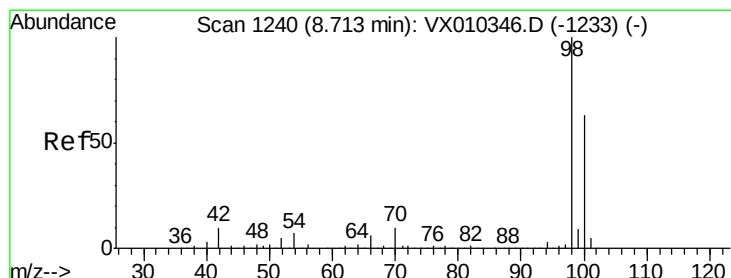
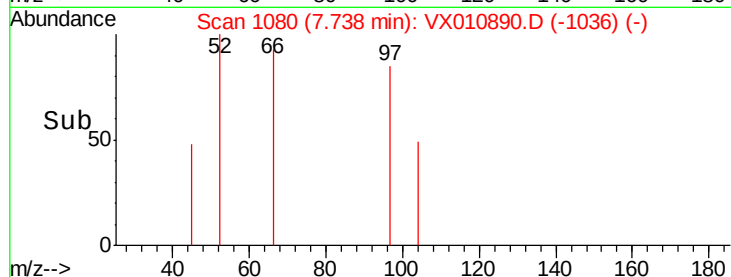
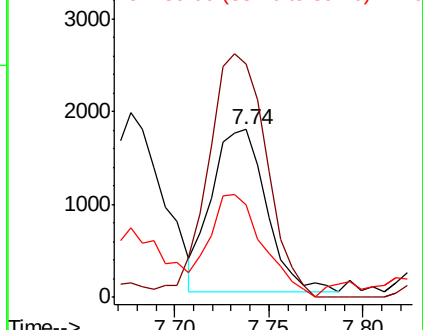
39 61.7 47.6 71.4



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



#50

Toluene-d8

Concen: 42.120 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX010890.D

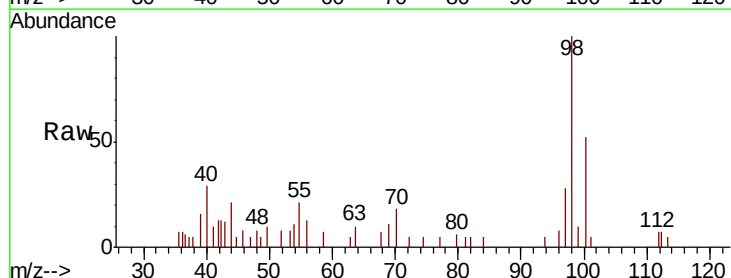
Acq: 15 Jul 2019 17:24

Tgt Ion: 98 Resp: 2104

Ion Ratio Lower Upper

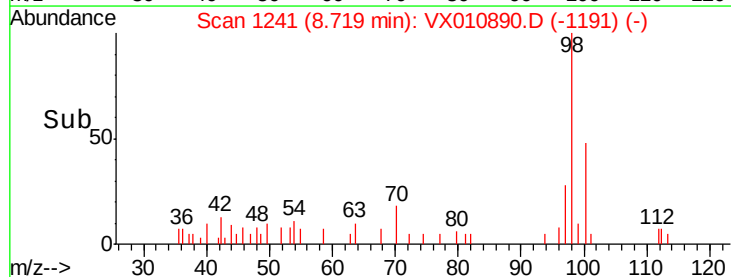
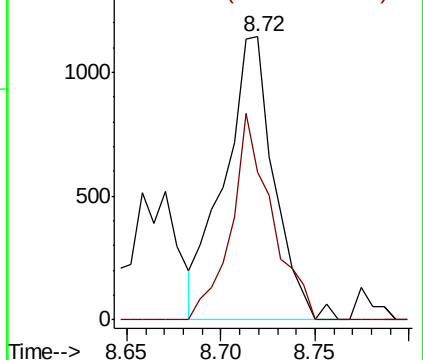
98 100

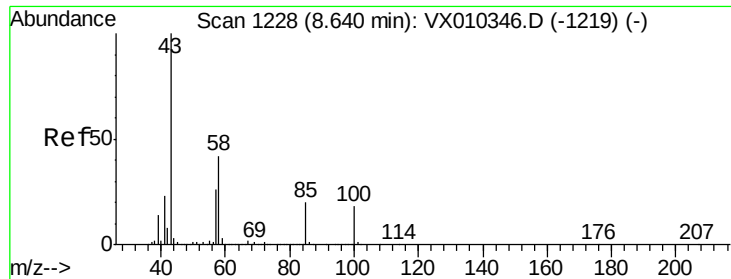
100 59.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

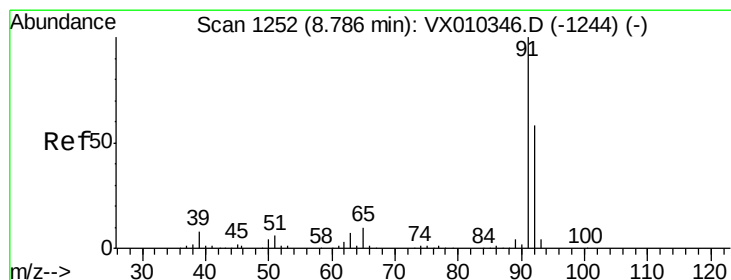
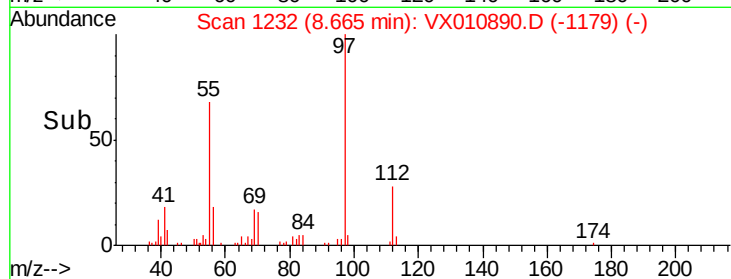
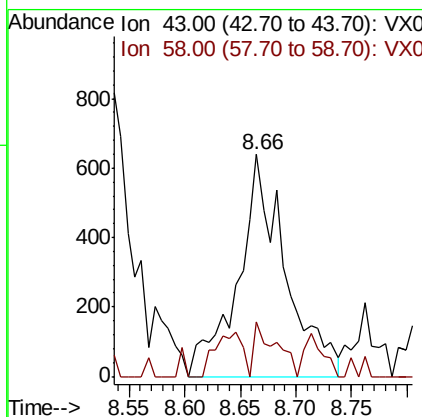
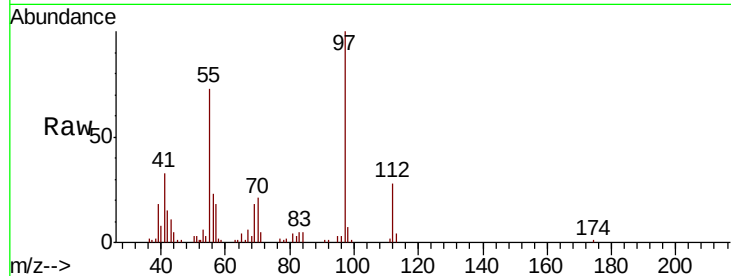




#51
 4-Methyl-2-Pentanone
 Concen: 102.329 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

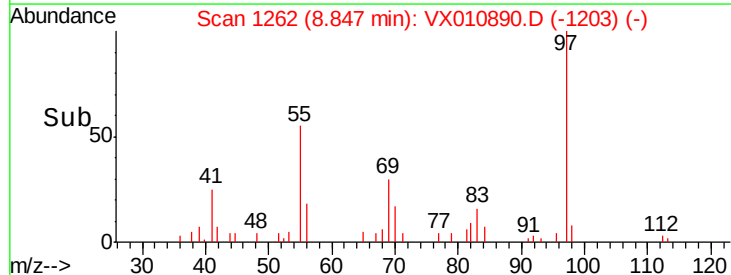
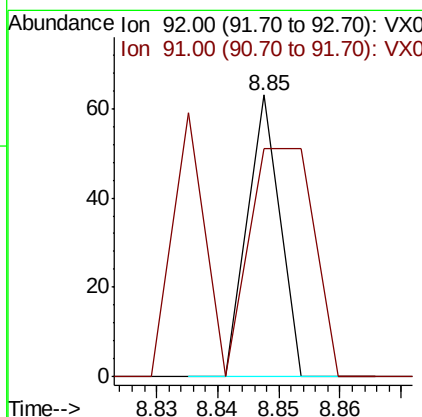
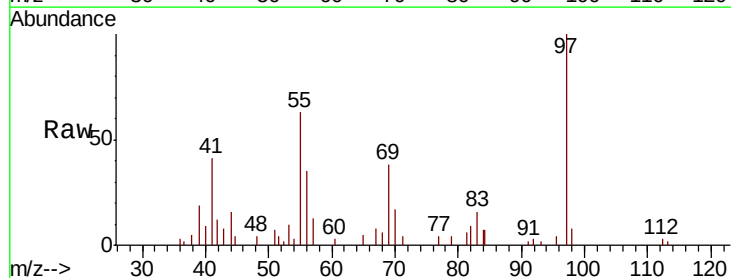
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

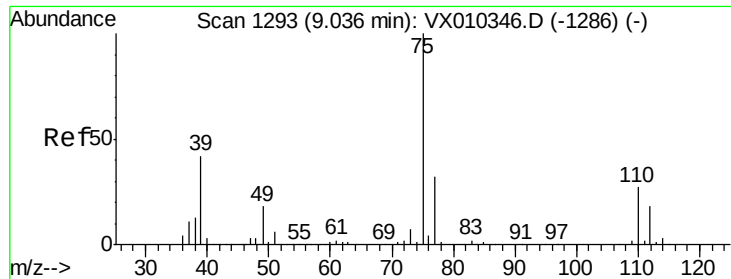
Tot Ion: 43 Resp: 1889
 Ion Ratio Lower Upper
 43 100
 58 11.2 33.5 50.3#



#52
 Toluene
 Concen: 0.661 ug/l
 RT: 8.85 min Scan# 1262
 Delta R.T. 0.06 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 92 Resp: 23
 Ion Ratio Lower Upper
 92 100
 91 160.9 139.8 209.6

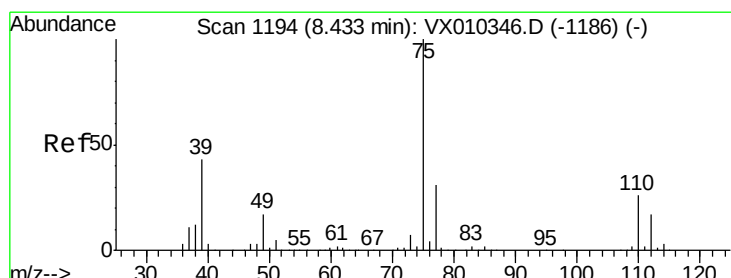
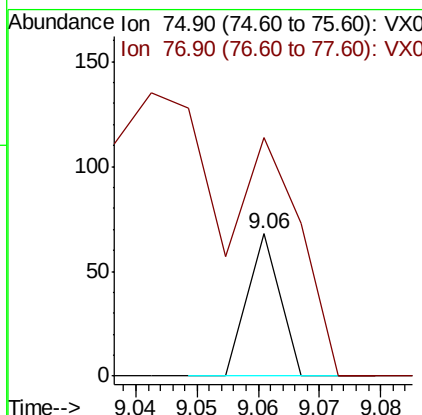
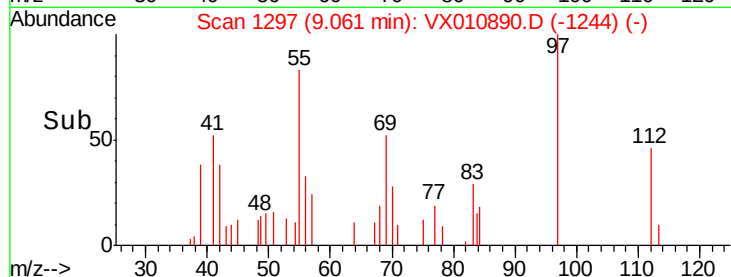
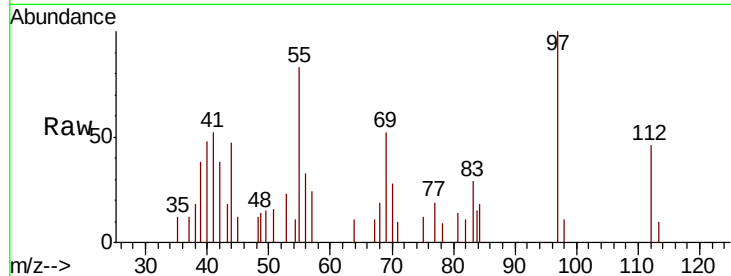




#53
t-1,3-Dichloropropene
Concen: 1.271 ug/l
RT: 9.06 min Scan# 1297
Delta R.T. 0.02 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

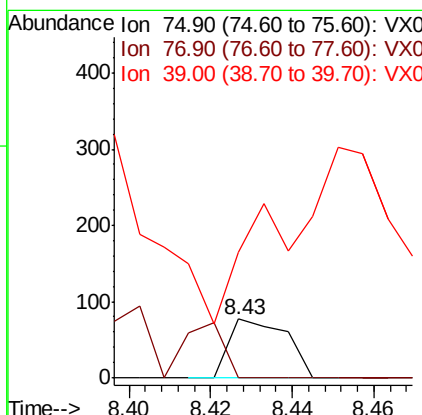
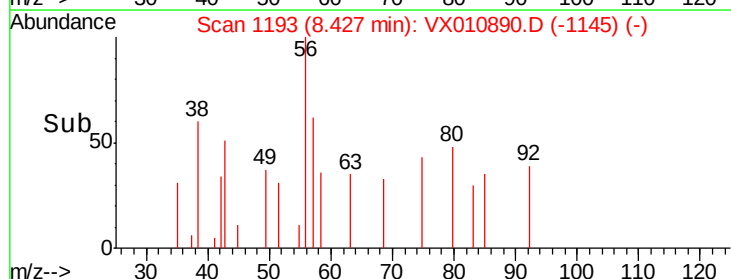
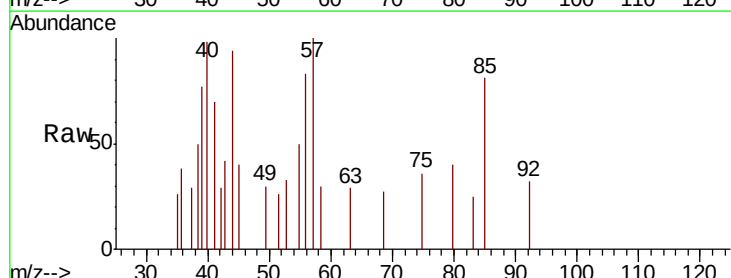
Instrument :
MSVOA_X
ClientSampleID :
FL-0602DL

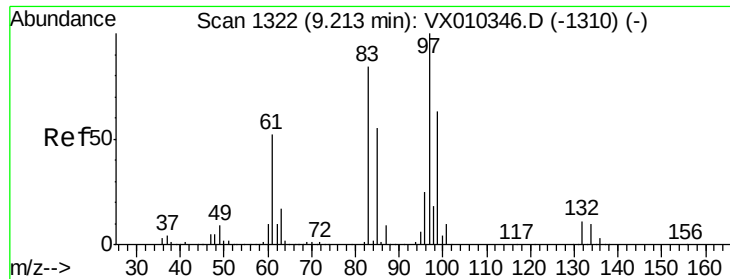
Tot Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 167.6 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 3.509 ug/l
RT: 8.43 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion: 75 Resp: 75
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 19.5 34.5 51.7#

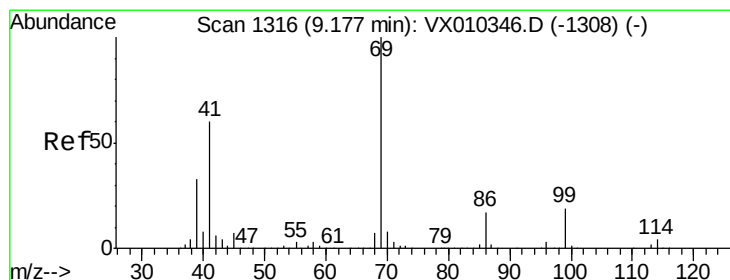
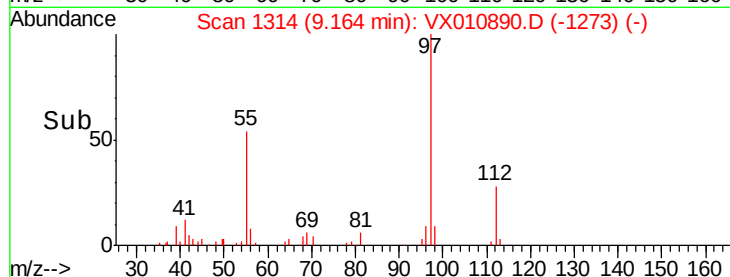
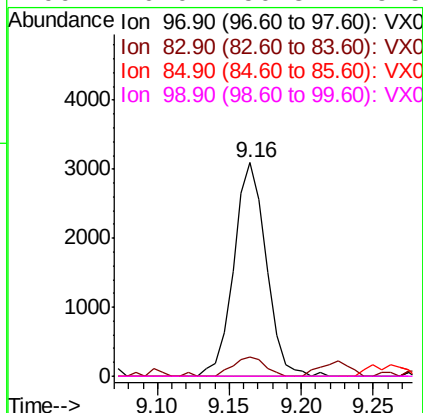
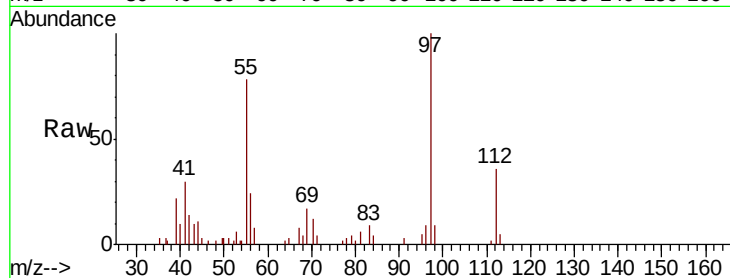




#55
 1,1,2-Trichloroethane
 Concen: 337.448 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

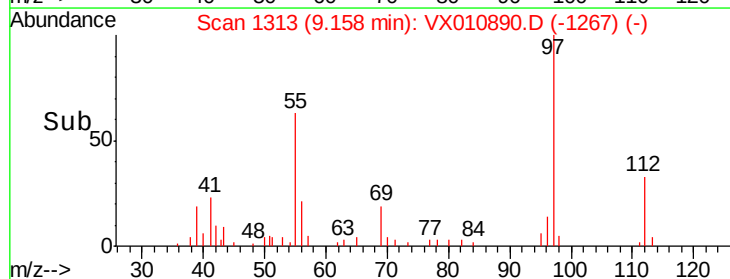
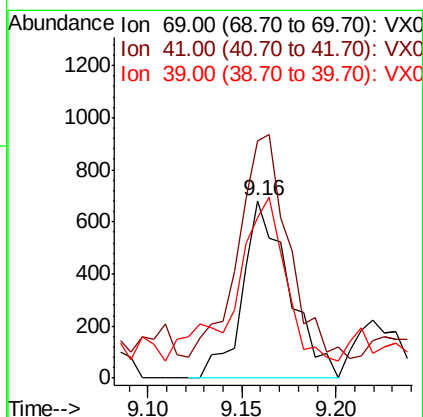
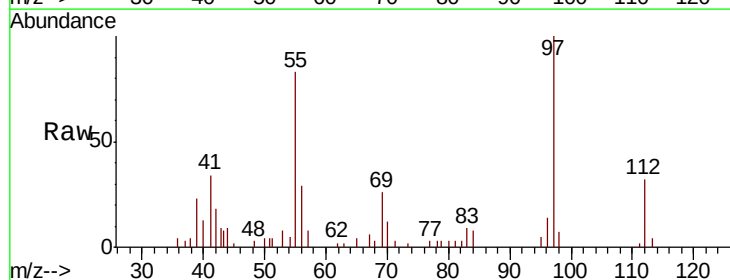
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

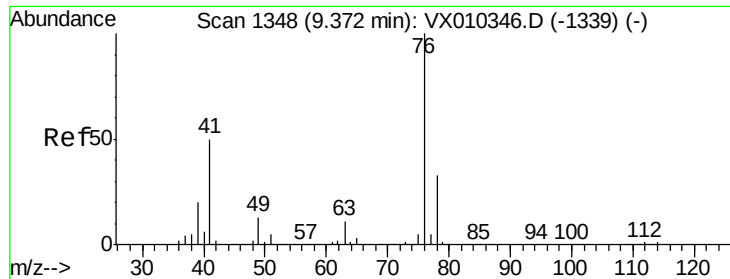
Tot Ion: 97 Resp: 4842
 Ion Ratio Lower Upper
 97 100
 83 7.1 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 53.228 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 69 Resp: 1157
 Ion Ratio Lower Upper
 69 100
 41 137.0 47.1 70.7#
 39 99.4 26.6 40.0#

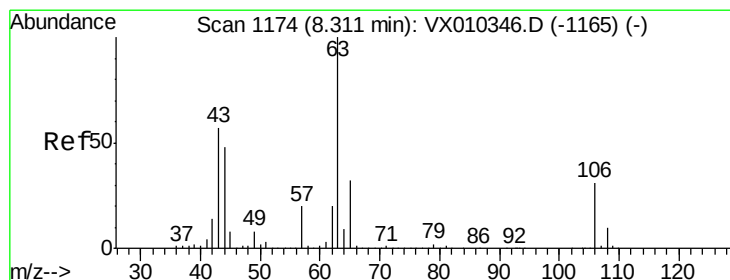
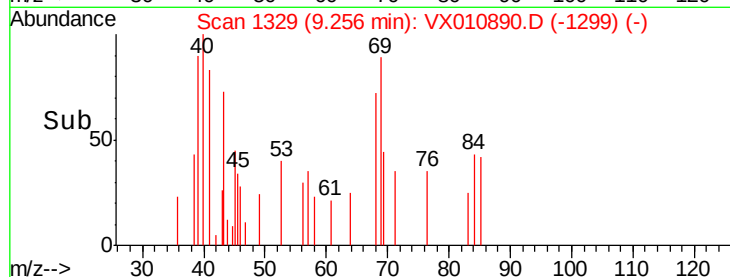
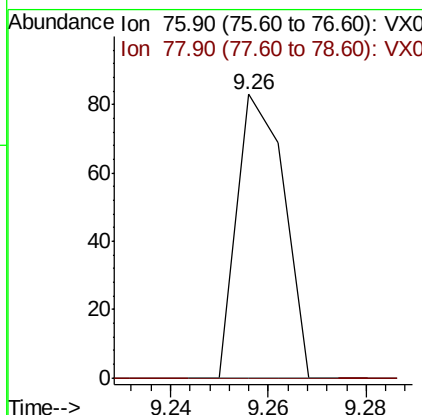
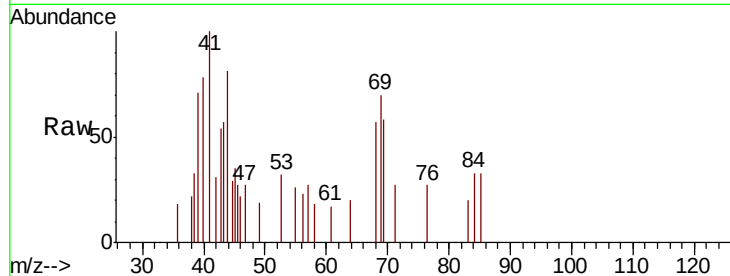




#57
 1,3-Dichloropropane
 Concen: 2.514 ug/l
 RT: 9.26 min Scan# 1329
 Delta R.T. -0.12 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

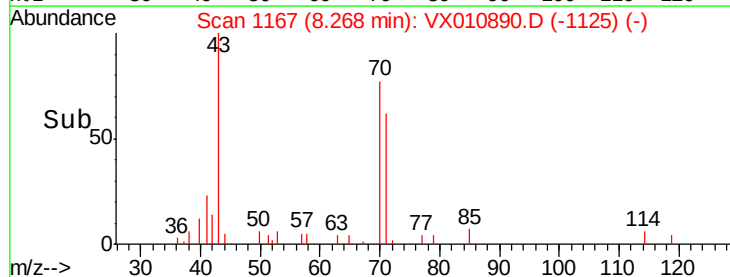
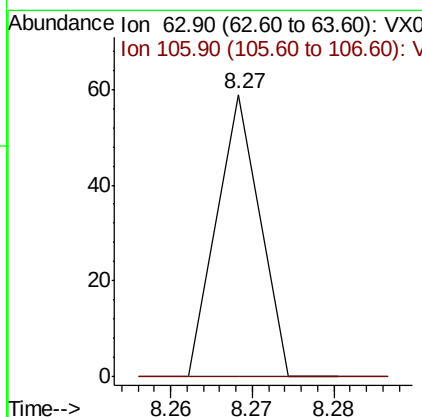
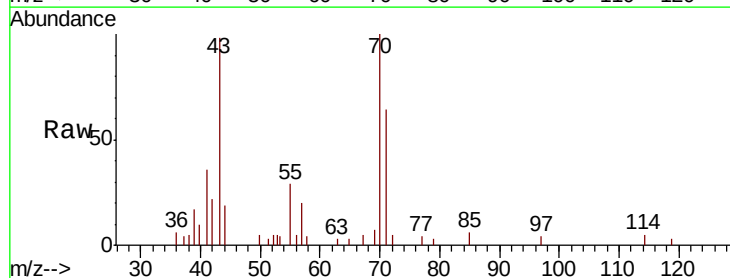
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0602DL

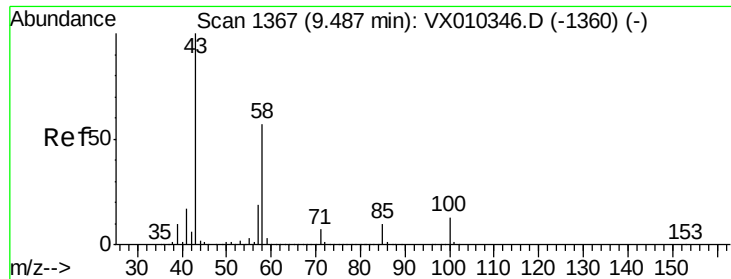
Tot Ion: 76 Resp: 56
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.131 ug/l
 RT: 8.27 min Scan# 1167
 Delta R.T. -0.04 min
 Lab File: VX010890.D
 Acq: 15 Jul 2019 17:24

Tgt Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#

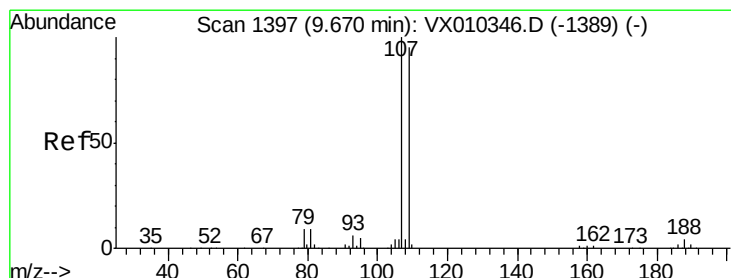
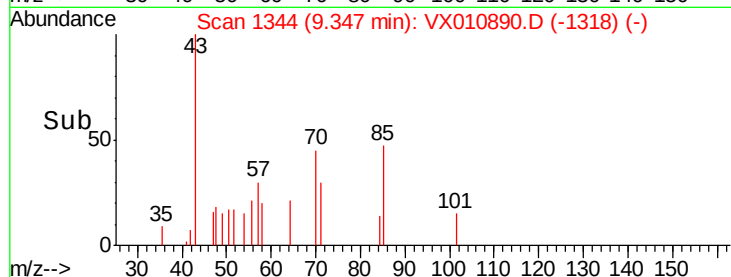
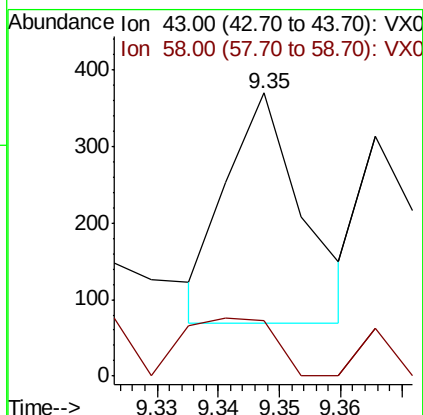
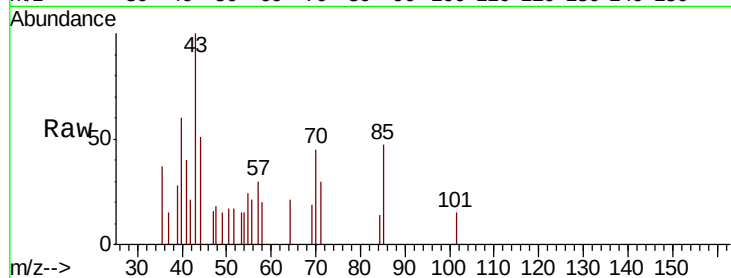




#59
2-Hexanone
Concen: 17.620 ug/l
RT: 9.35 min Scan# 1344
Delta R.T. -0.14 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

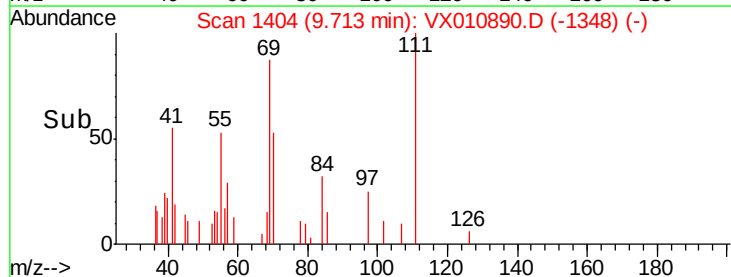
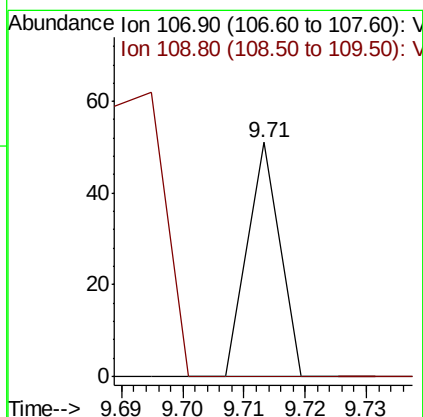
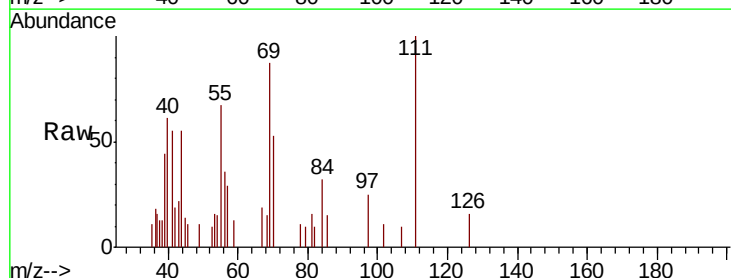
Instrument :
MSVOA_X
ClientSampleID :
FL-0602DL

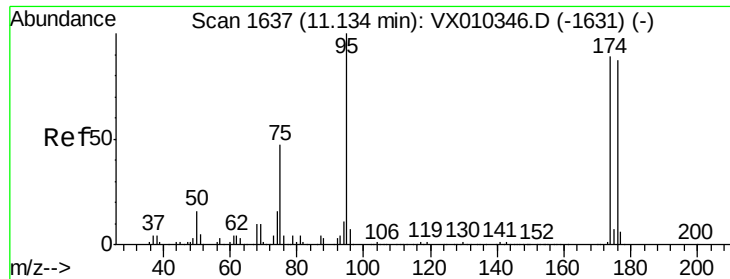
Tot Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 30.5 29.0 87.1



#61
1,2-Dibromoethane
Concen: 1.227 ug/l
RT: 9.71 min Scan# 1404
Delta R.T. 0.04 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion:107 Resp: 19
Ion Ratio Lower Upper
107 100
109 0.0 75.8 113.6#





#62

4-Bromofluorobenzene

Concen: 52.179 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0602DL

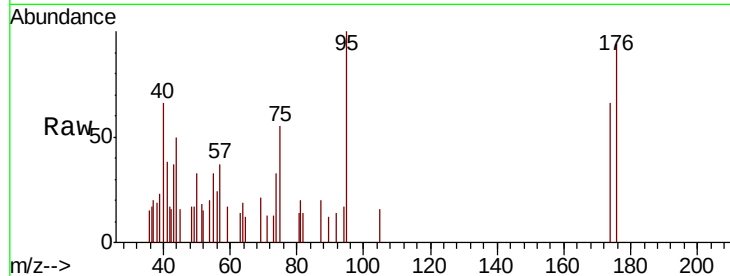
Tot Ion: 95 Resp: 941

Ion Ratio Lower Upper

95 100

174 48.5 0.0 187.6

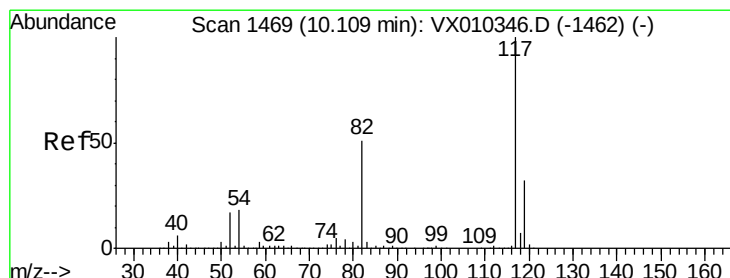
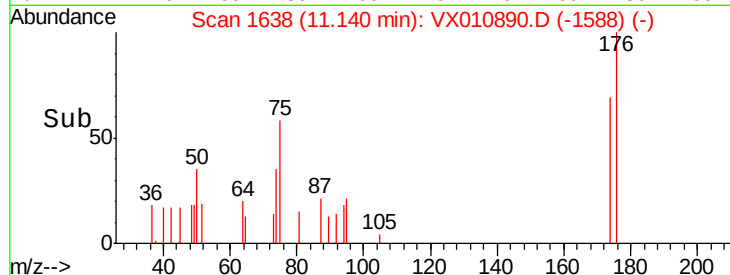
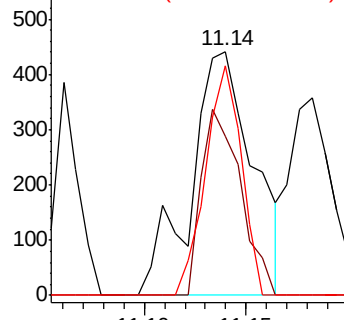
176 54.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

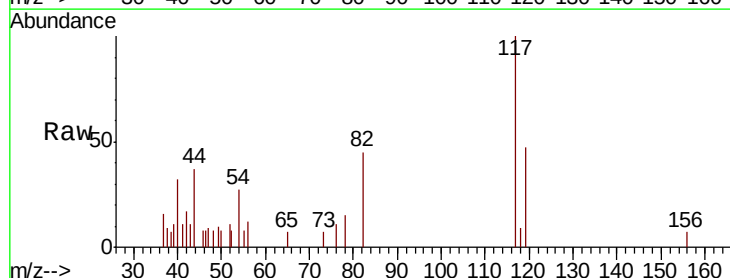
Tgt Ion: 117 Resp: 1203

Ion Ratio Lower Upper

117 100

82 44.5 41.2 61.8

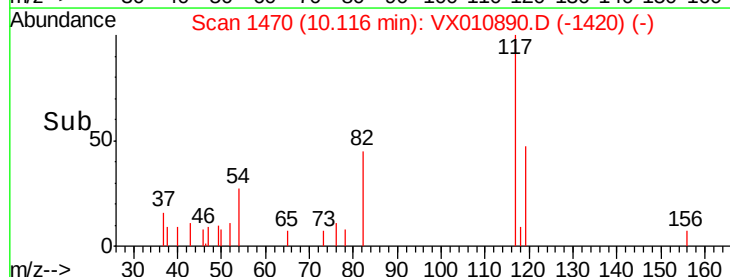
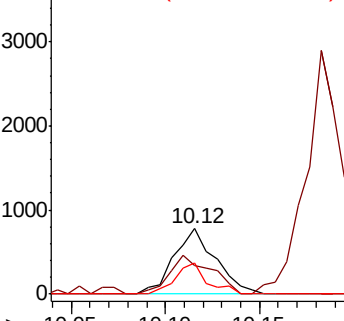
119 47.1 25.5 38.3#

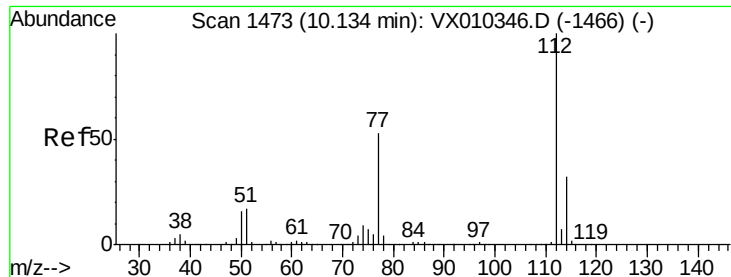


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

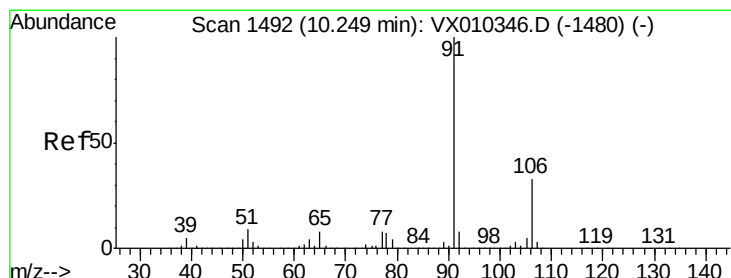
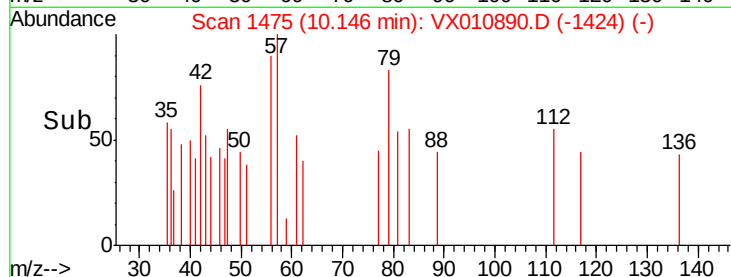
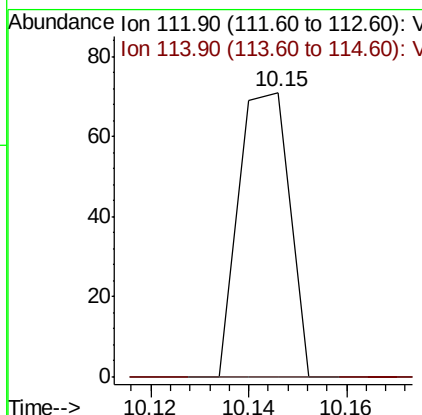
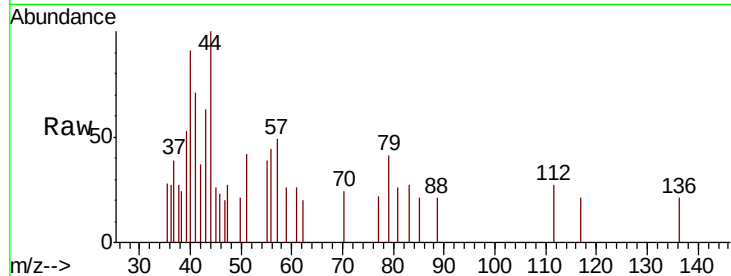




#65
Chlorobenzene
Concen: 2.088 ug/l
RT: 10.15 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

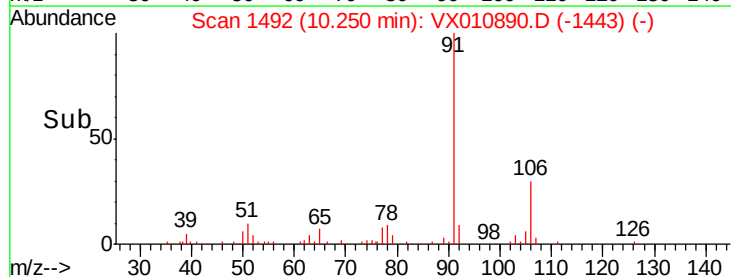
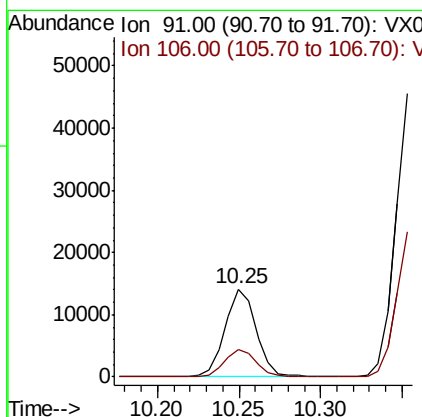
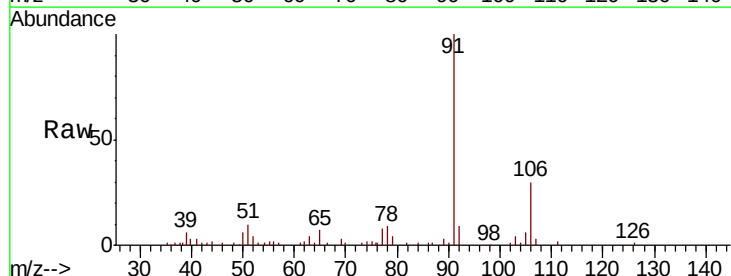
Instrument :
MSVOA_X
ClientSampleID :
FL-0602DL

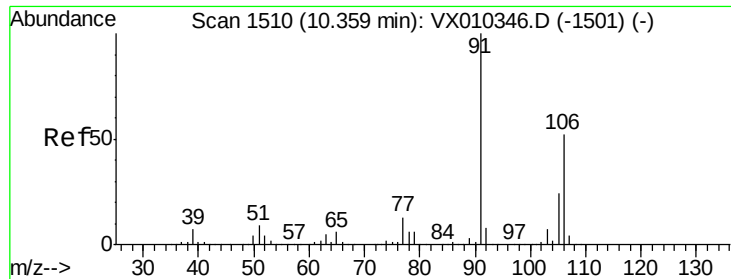
Tot Ion: 112 Resp: 51
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 461.368 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion: 91 Resp: 19023
Ion Ratio Lower Upper
91 100
106 30.5 26.2 39.2





#68

m/p-Xylenes

Concen: 2020.122 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

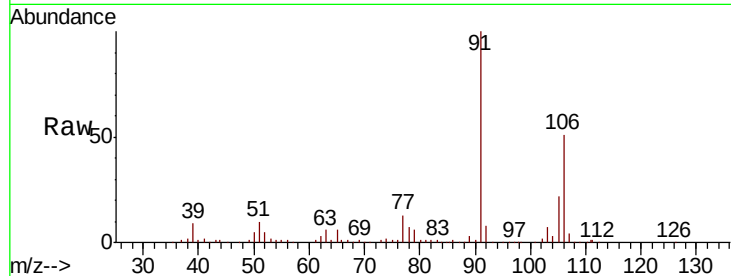
FL-0602DL

Tot Ion:106 Resp: 32274

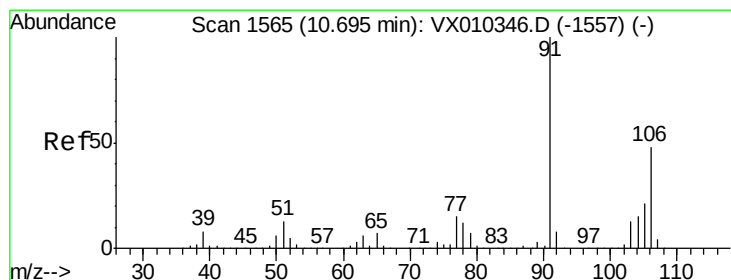
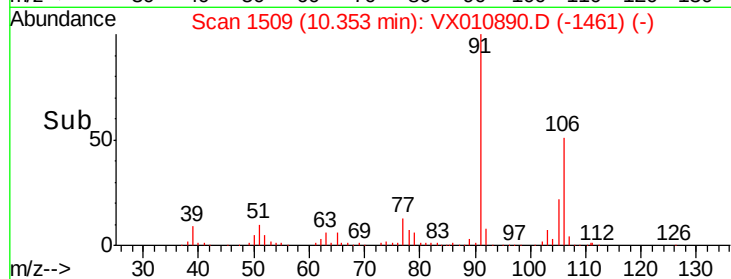
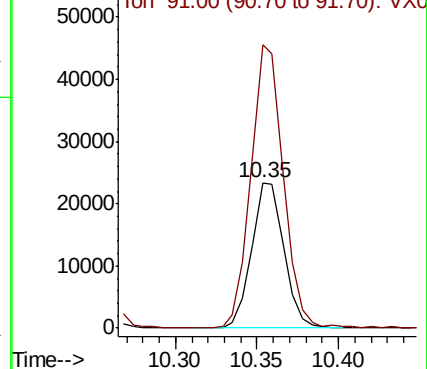
Ion Ratio Lower Upper

106 100

91 195.9 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 419.001 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010890.D

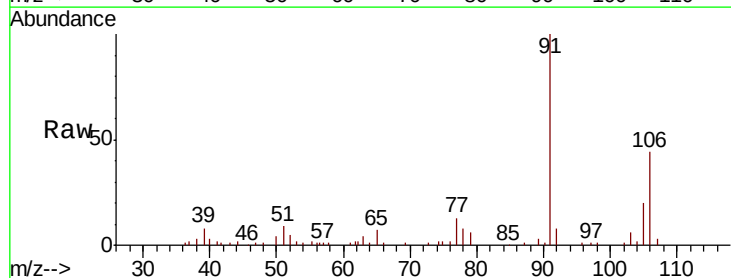
Acq: 15 Jul 2019 17:24

Tgt Ion:106 Resp: 6583

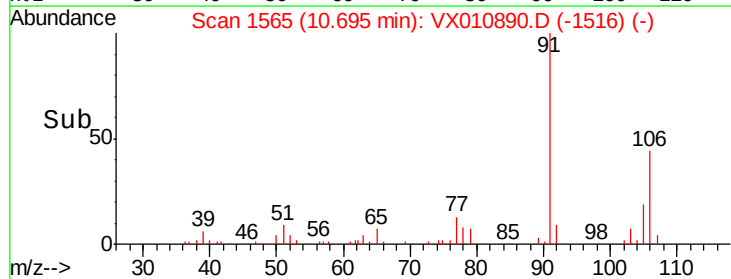
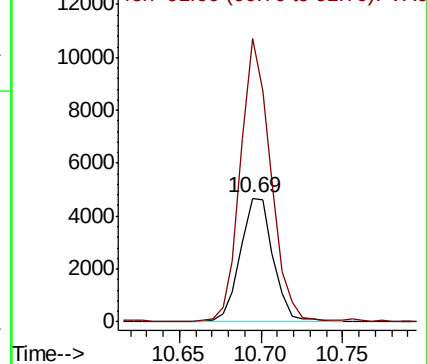
Ion Ratio Lower Upper

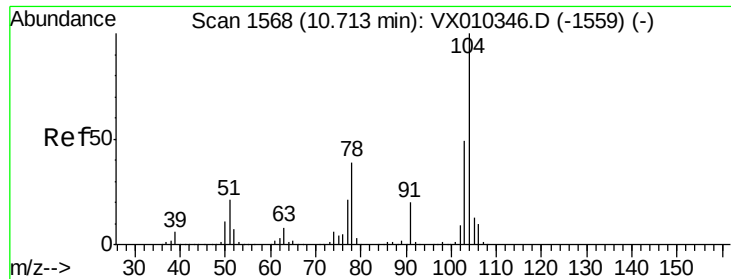
106 100

91 210.6 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

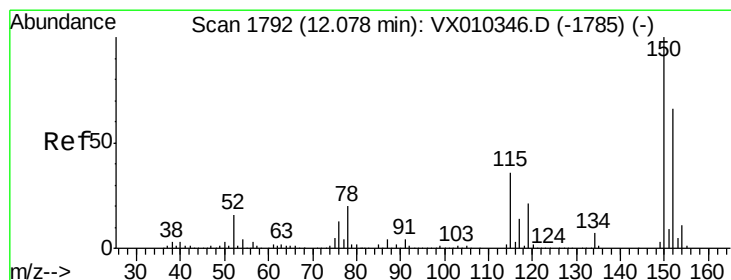
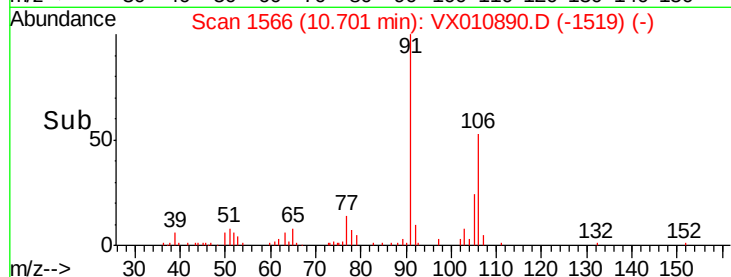
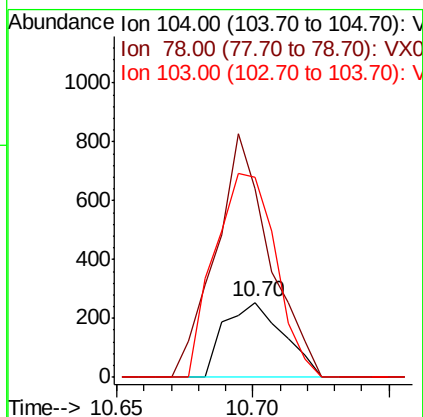
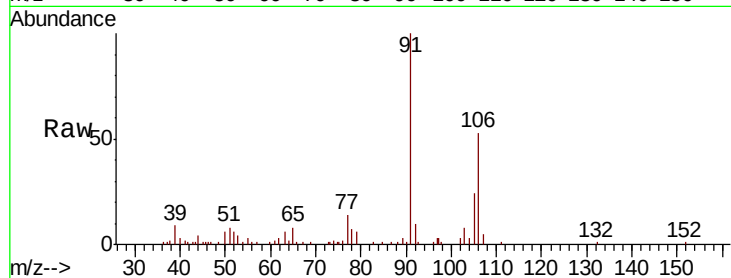




#70
Stvrene
Concen: 14.498 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

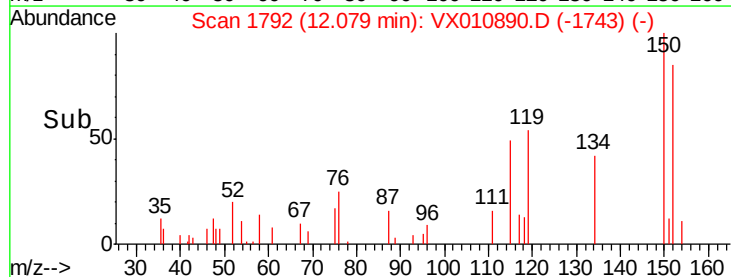
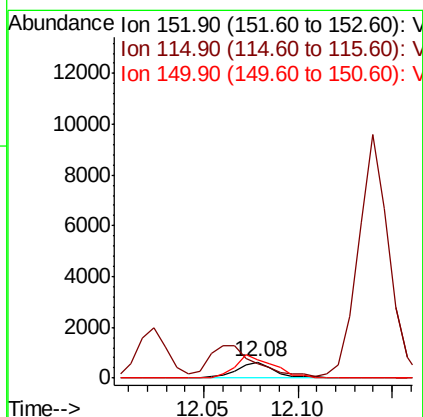
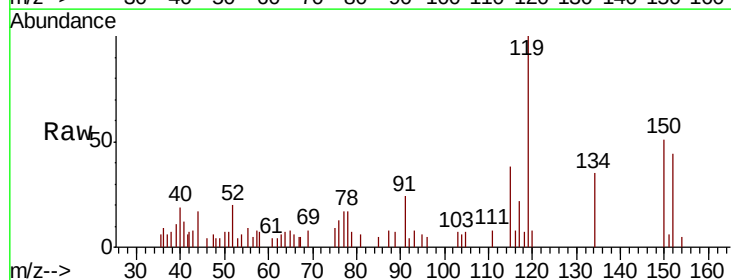
Instrument :
MSVOA_X
ClientSampled :
FL-0602DL

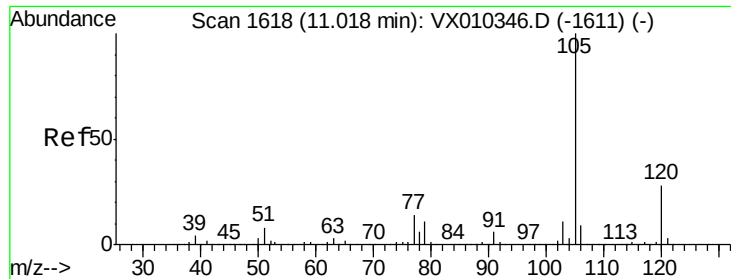
Tot Ion:104 Resp: 382
Ion Ratio Lower Upper
104 100
78 299.2 36.2 54.2#
103 282.5 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion:152 Resp: 865
Ion Ratio Lower Upper
152 100
115 243.0 38.6 115.7#
150 147.2 0.0 347.4





#73

Isopropylbenzene

Concen: 1155.291 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

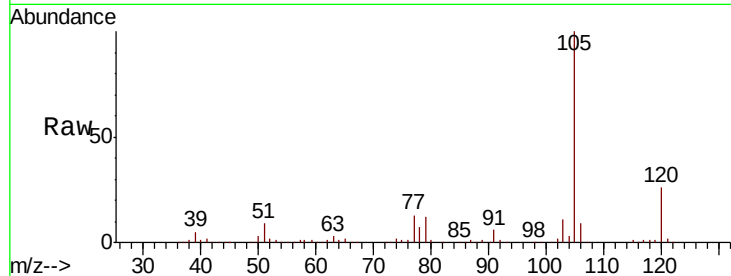
FL-0602DL

Tot Ion:105 Resp: 67742

Ion Ratio Lower Upper

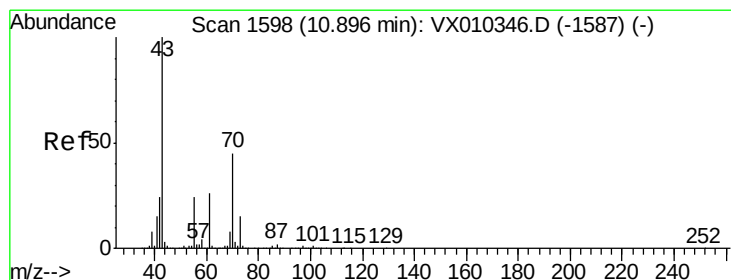
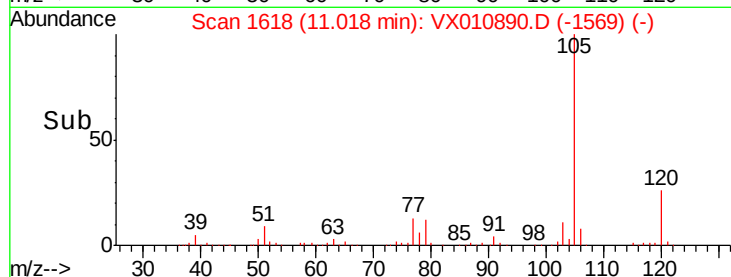
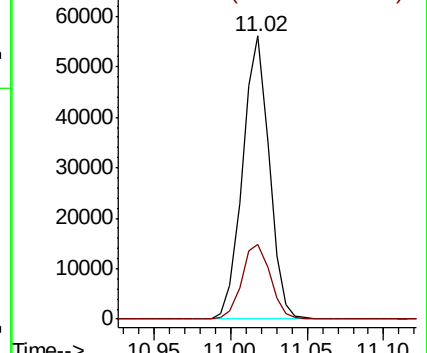
105 100

120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.244 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Tgt Ion: 43 Resp: 227

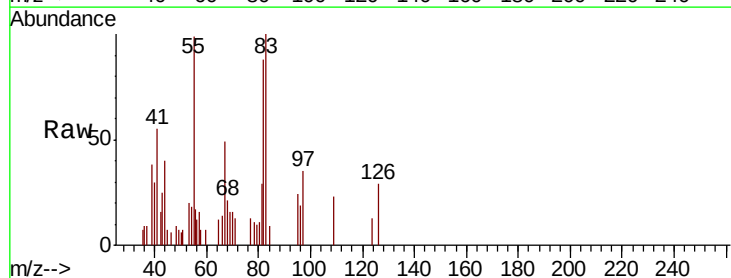
Ion Ratio Lower Upper

43 100

70 81.9 36.6 54.8#

55 559.5 18.7 28.1#

61 0.0 20.6 31.0#

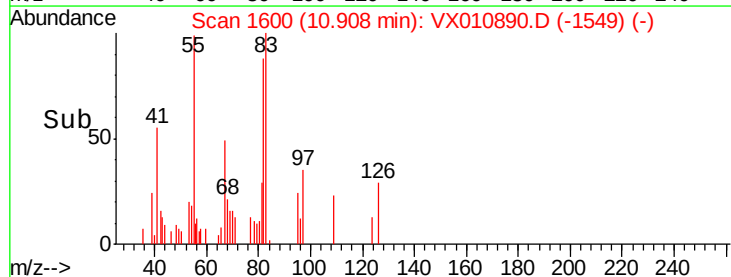
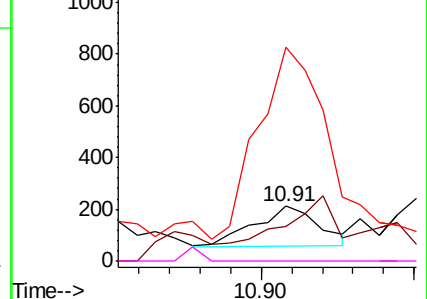


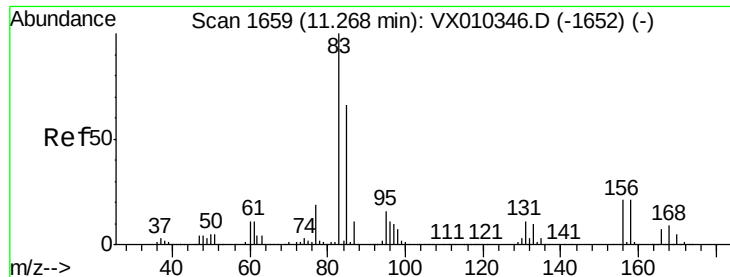
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.796 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

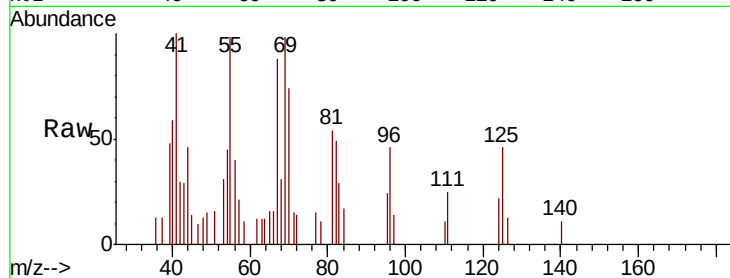
Tot Ion: 83 Resp: 365

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

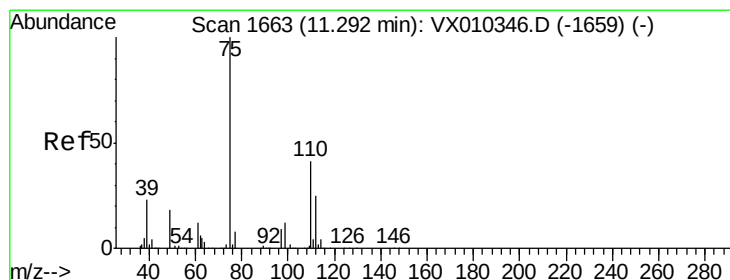
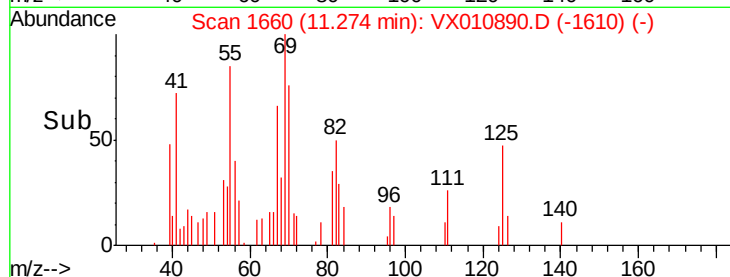
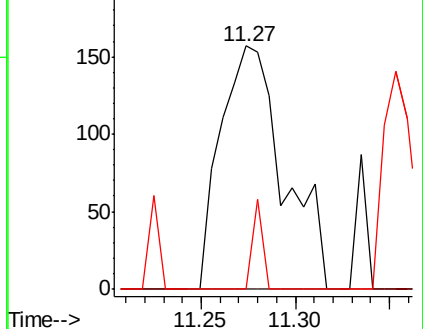
85 0.0 32.3 96.8#



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: 42.252 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010890.D

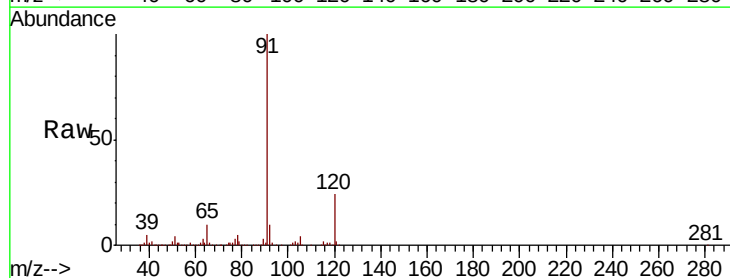
Acq: 15 Jul 2019 17:24

Tgt Ion: 75 Resp: 666

Ion Ratio Lower Upper

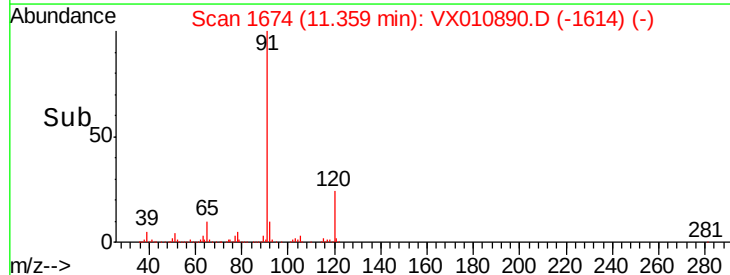
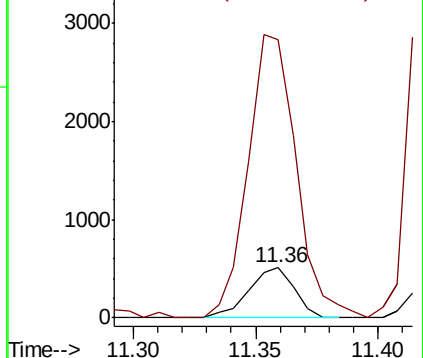
75 100

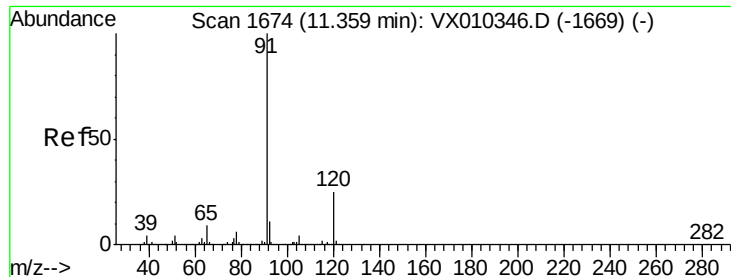
77 598.2 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1603.596 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

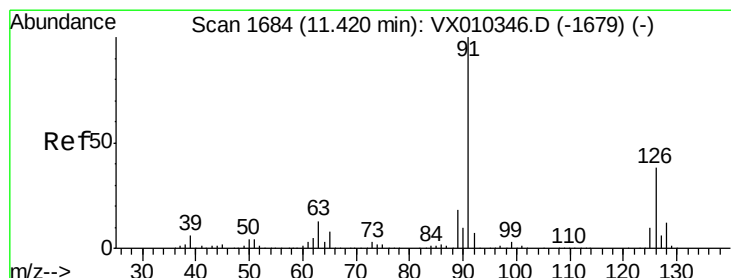
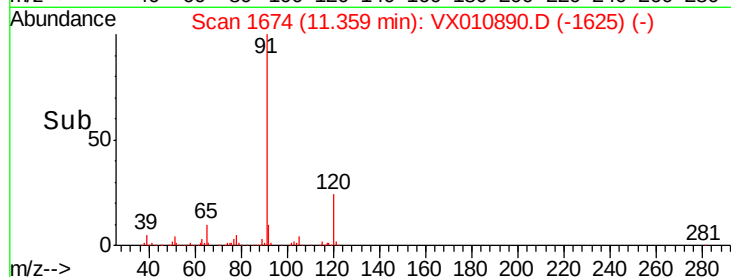
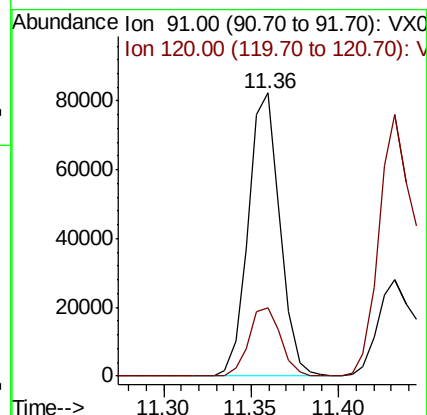
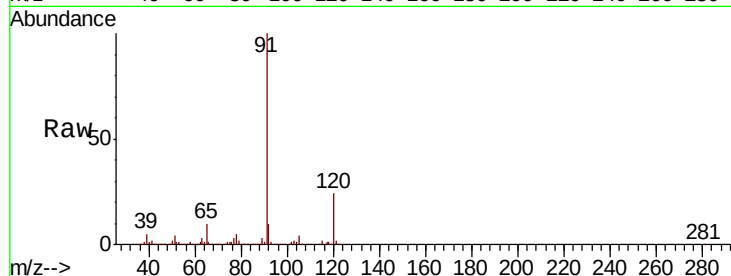
FL-0602DL

Tot Ion: 91 Resp: 103342

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4



#79

2-Chlorotoluene

Concen: 1341.691 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010890.D

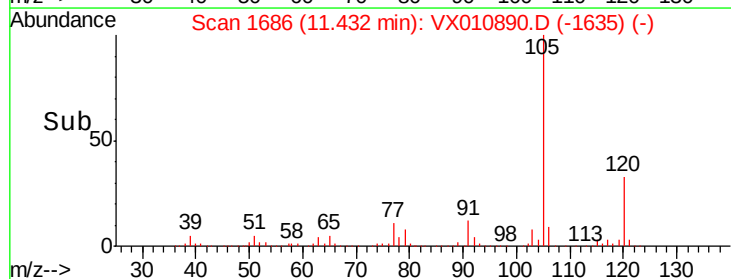
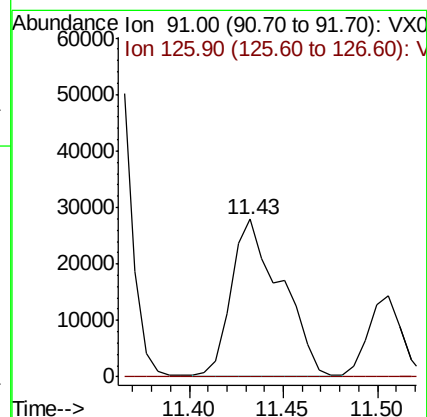
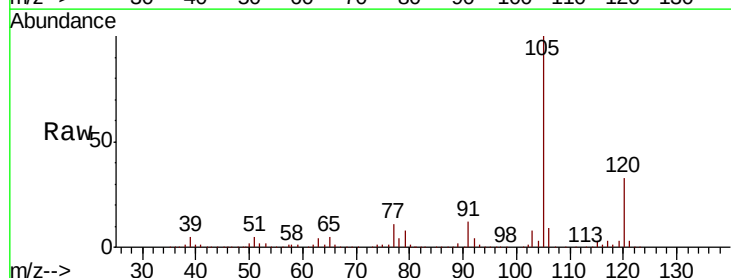
Acq: 15 Jul 2019 17:24

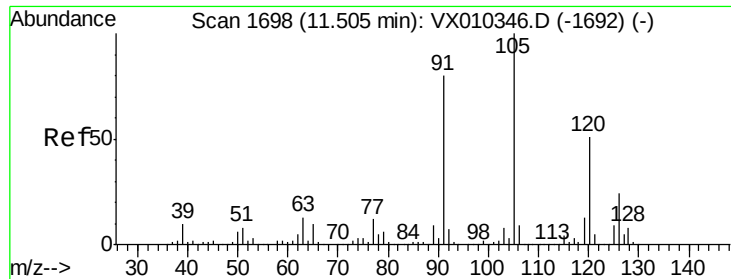
Tgt Ion: 91 Resp: 51487

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 3397.203 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

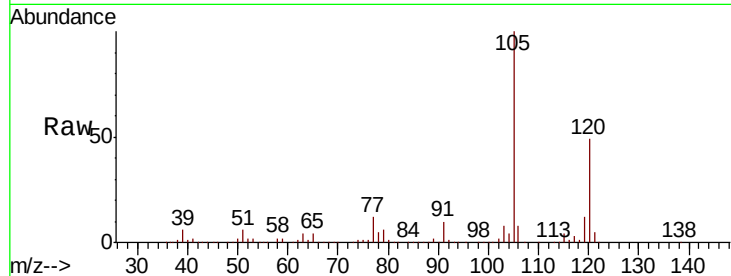
FL-0602DL

Tot Ion:105 Resp: 164216

Ion Ratio Lower Upper

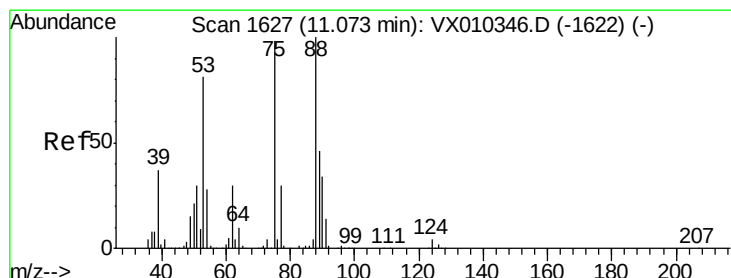
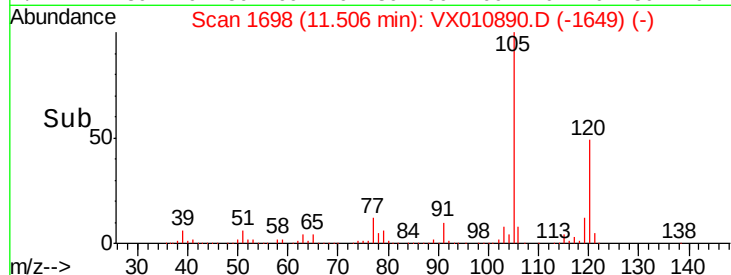
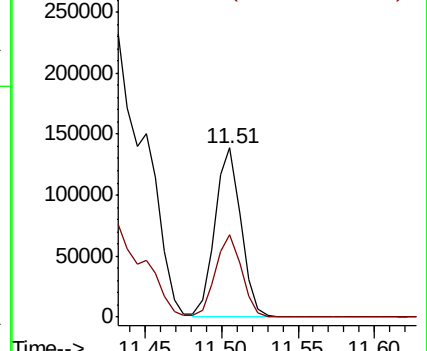
105 100

120 49.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 142.970 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.06 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

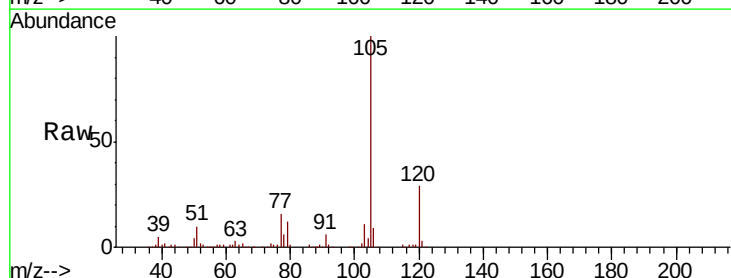
Tgt Ion: 75 Resp: 966

Ion Ratio Lower Upper

75 100

53 114.1 66.1 99.1#

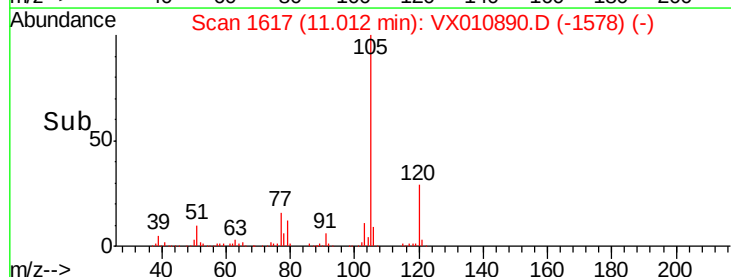
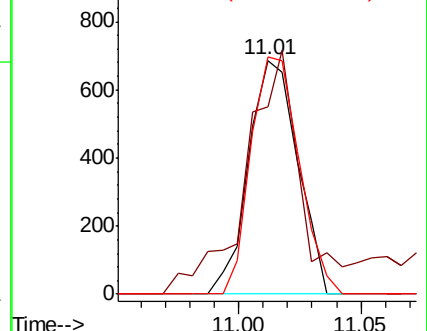
89 99.3 37.8 56.6#

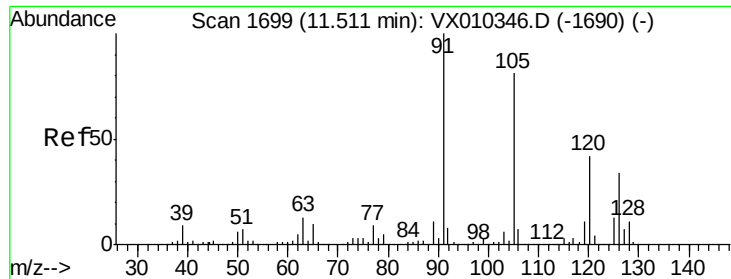


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

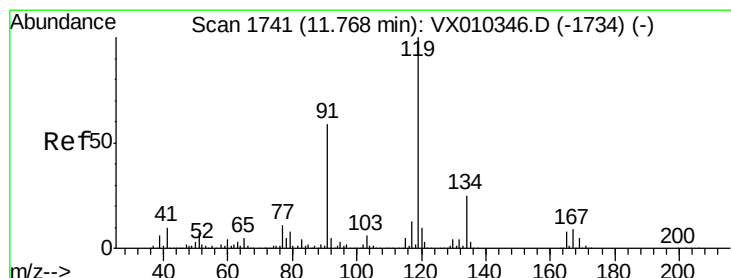
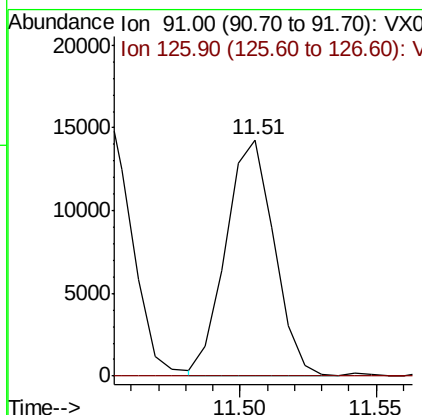
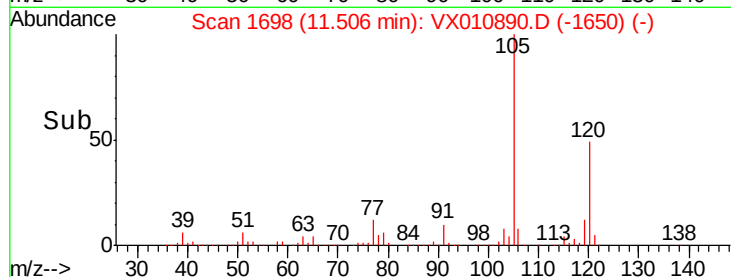
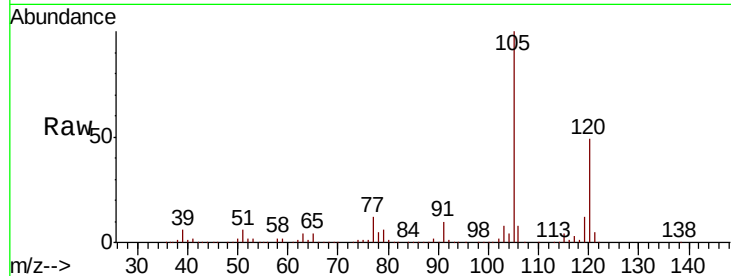




#82
4-Chlorotoluene
Concen: 399.804 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

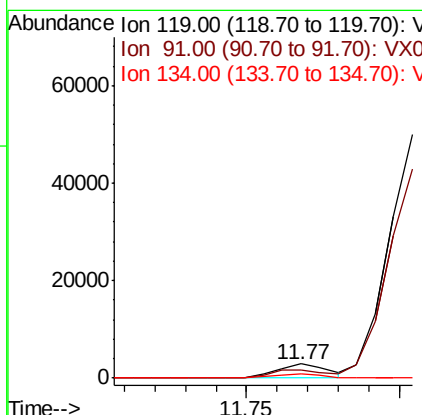
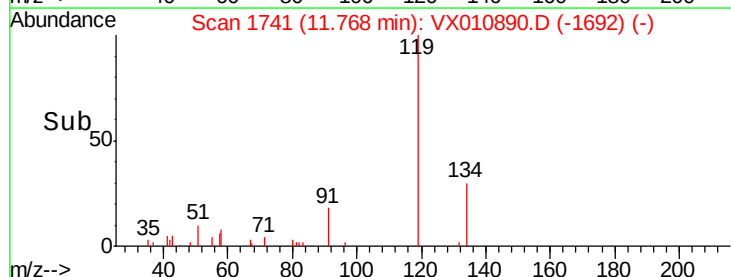
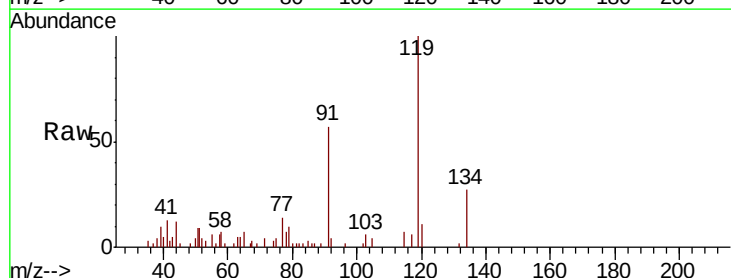
Instrument :
MSVOA_X
ClientSampleId :
FL-0602DL

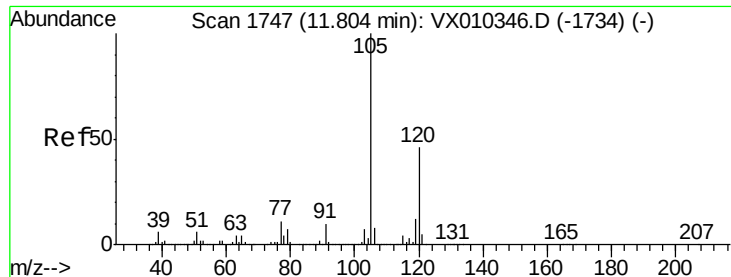
Tot Ion: 91 Resp: 17458
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 69.481 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion: 119 Resp: 3371
Ion Ratio Lower Upper
119 100
91 66.0 27.6 82.7
134 28.5 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 9944.360 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

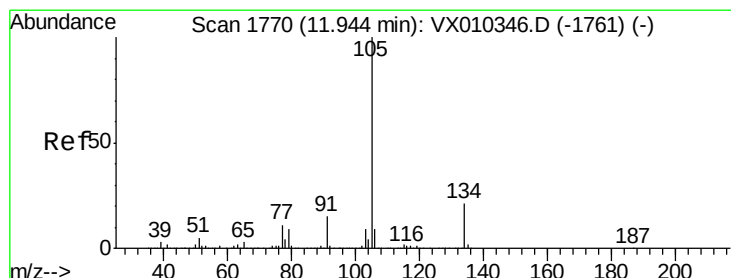
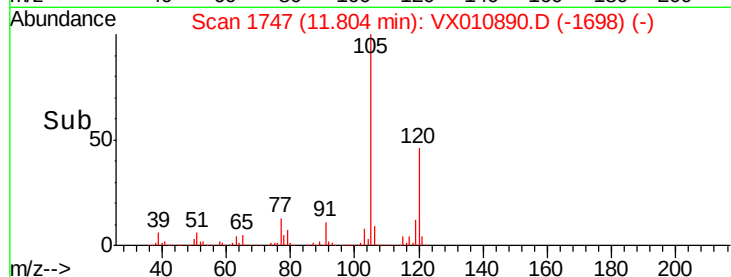
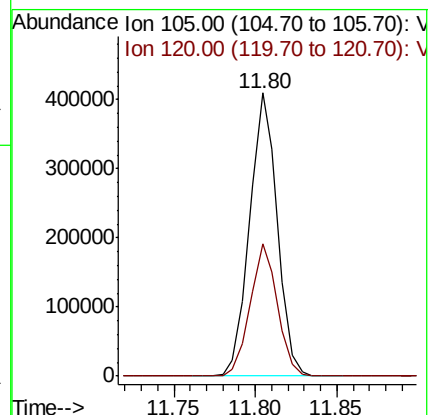
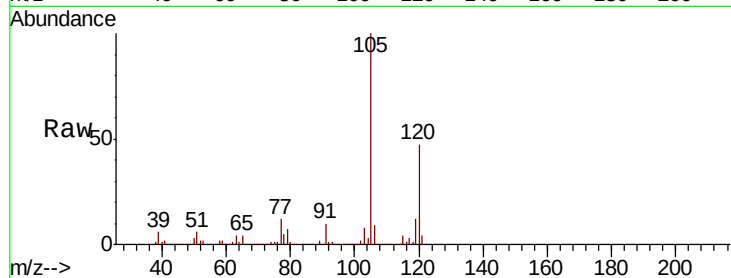
FL-0602DL

Tot Ion:105 Resp: 482950

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.2



#85

sec-Butylbenzene

Concen: 420.326 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010890.D

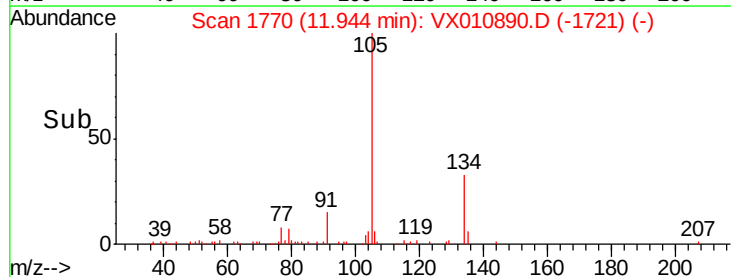
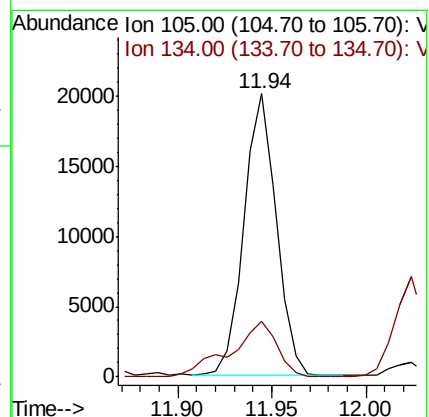
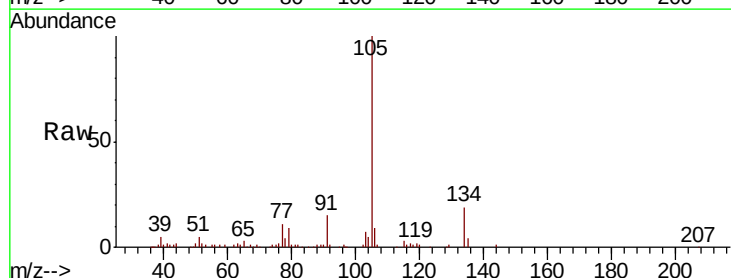
Acq: 15 Jul 2019 17:24

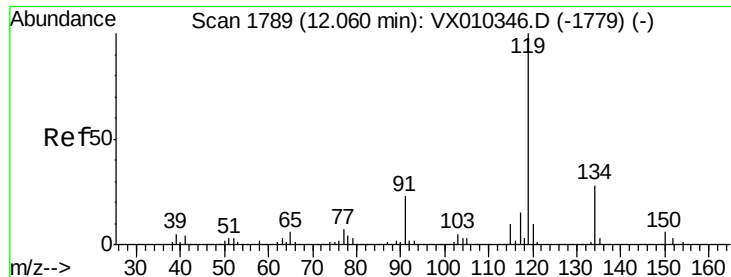
Tgt Ion:105 Resp: 23944

Ion Ratio Lower Upper

105 100

134 28.0 10.7 31.9





#86

p-Isopropyltoluene

Concen: 367.690 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

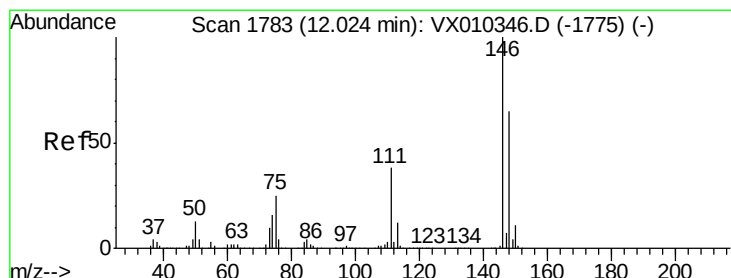
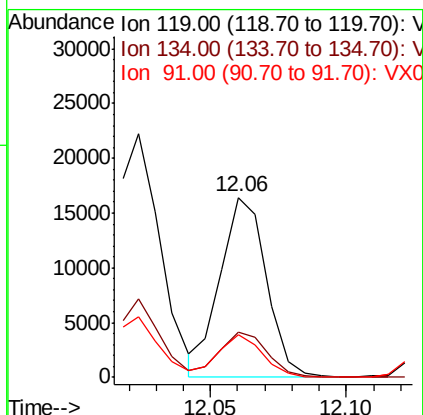
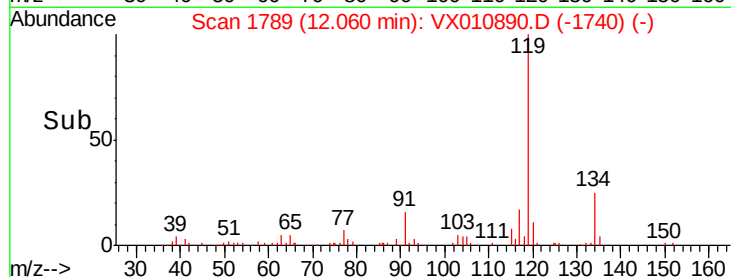
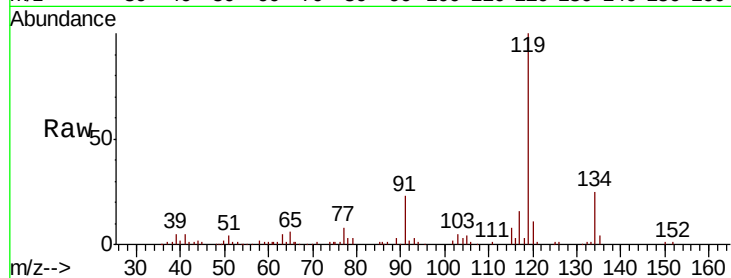
Tot Ion:119 Resp: 19374

Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 22.6 11.3 33.8



#87

1,3-Dichlorobenzene

Concen: 6.928 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

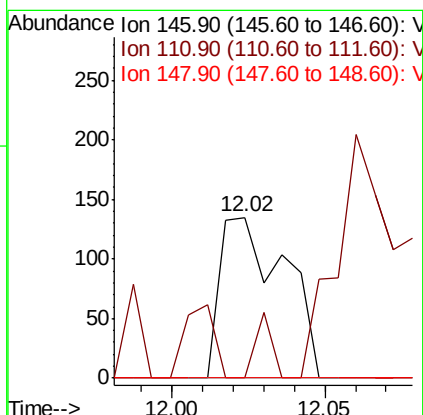
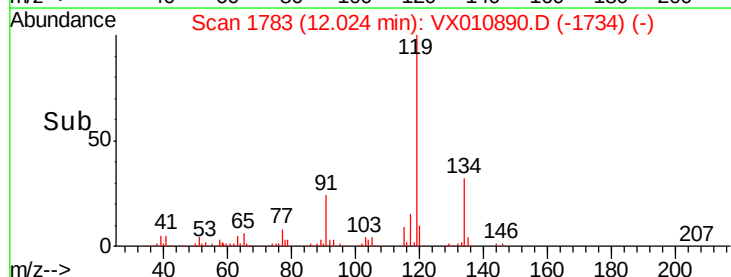
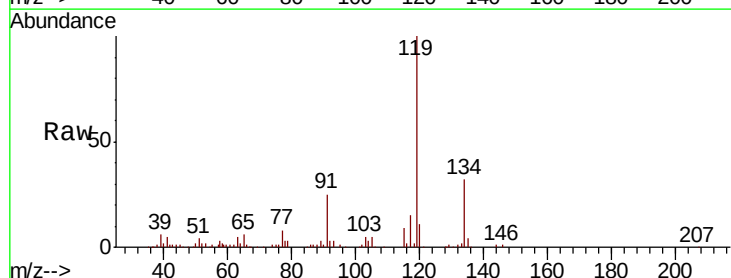
Tgt Ion:146 Resp: 198

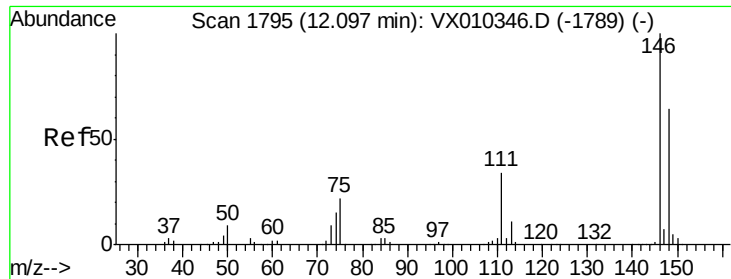
Ion Ratio Lower Upper

146 100

111 10.1 19.1 57.1#

148 0.0 32.5 97.4#





#88

1,4-Dichlorobenzene

Concen: 4.640 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

FL-0602DL

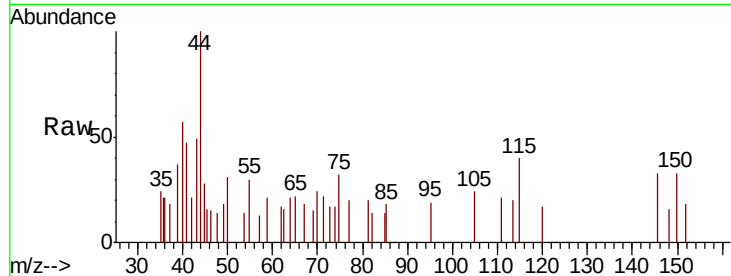
Tot Ion:146 Resp: 135

Ion Ratio Lower Upper

146 100

111 80.0 18.1 54.3#

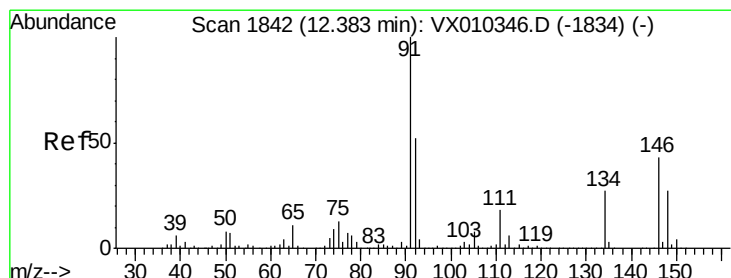
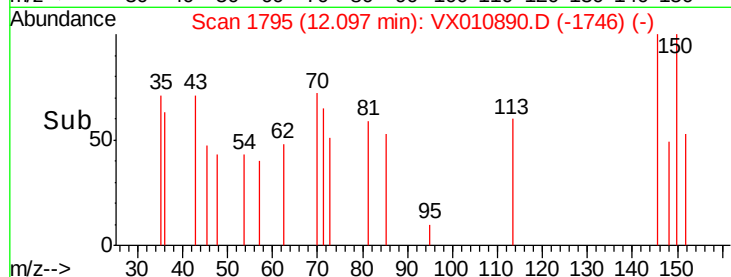
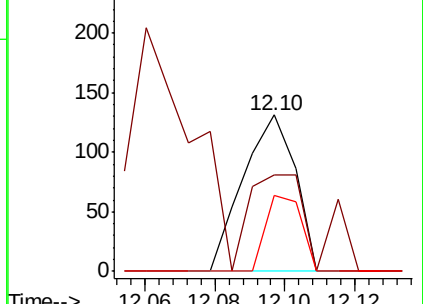
148 33.3 32.1 96.3



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



#89

n-Butylbenzene

Concen: 385.243 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

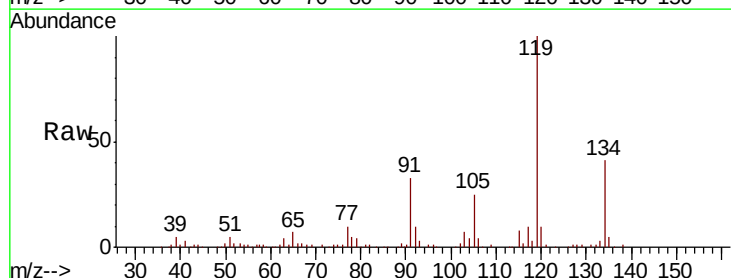
Tgt Ion: 91 Resp: 17249

Ion Ratio Lower Upper

91 100

92 30.3 26.2 78.5

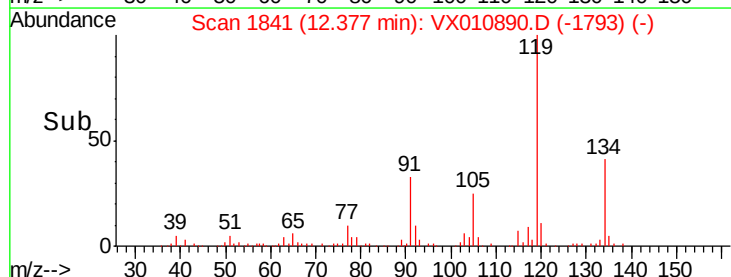
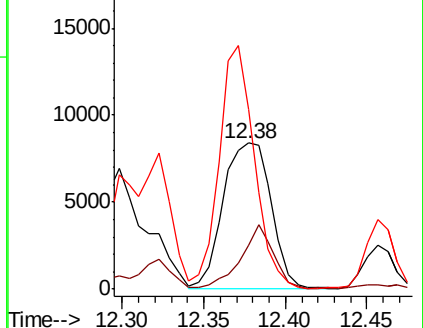
134 122.1 14.1 42.4#

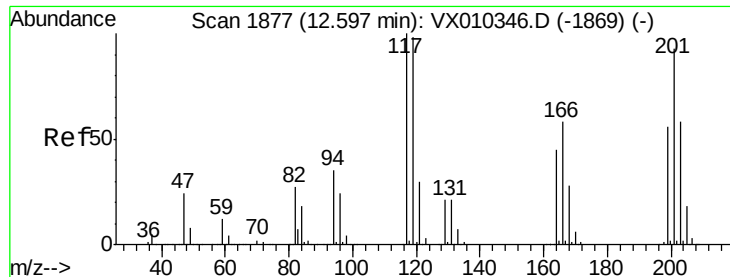


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 369.883 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

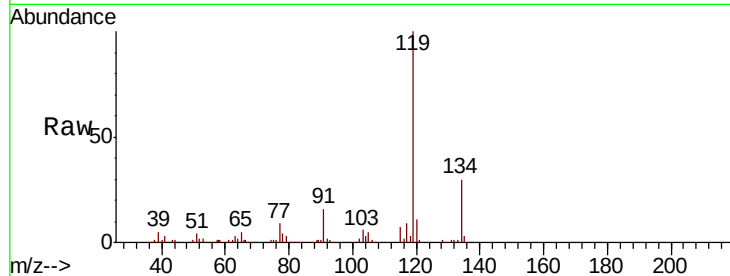
FL-0602DL

Tot Ion:117 Resp: 3370

Ion Ratio Lower Upper

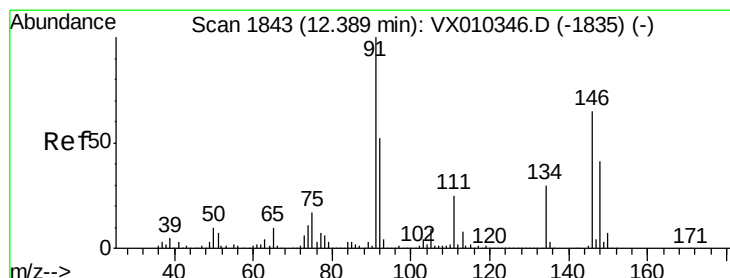
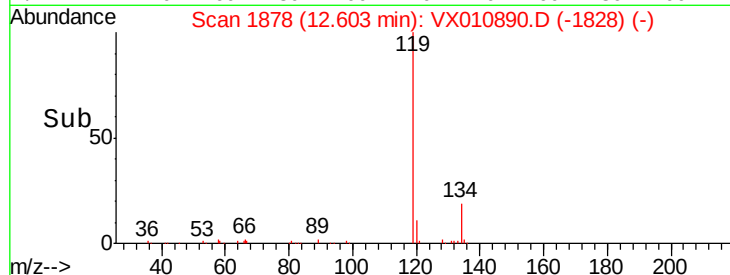
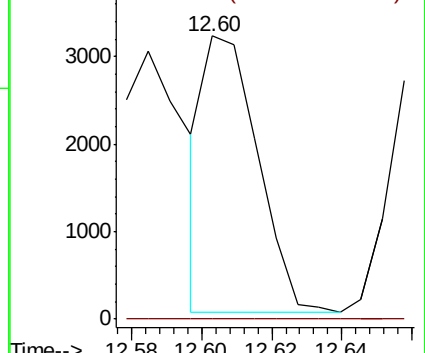
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.091 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

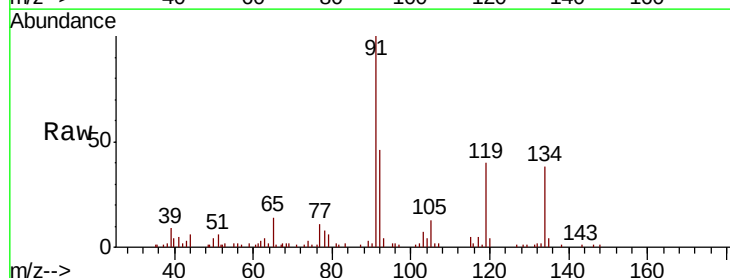
Tgt Ion:146 Resp: 31

Ion Ratio Lower Upper

146 100

111 0.0 19.2 57.6#

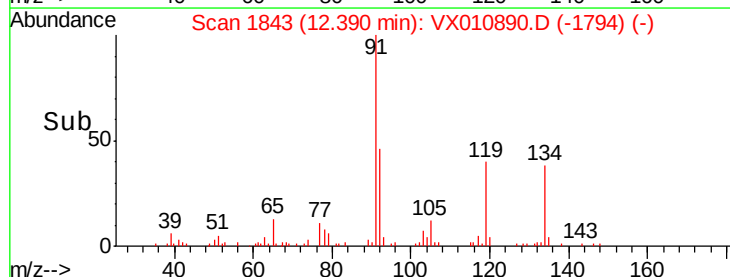
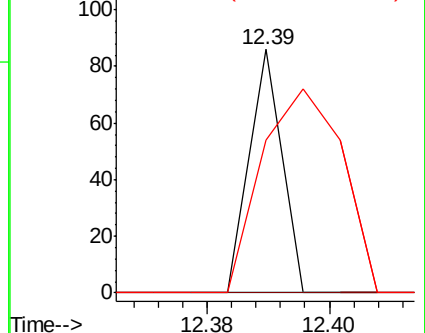
148 212.9 32.0 96.0#

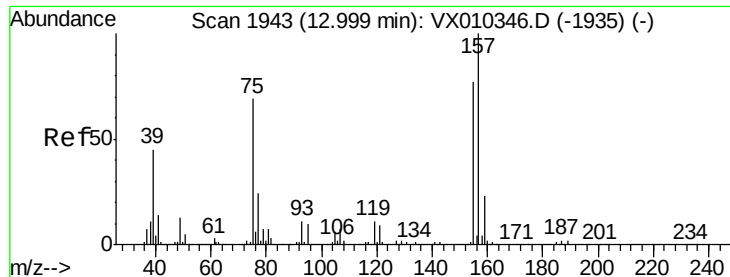


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 142.353 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0602DL

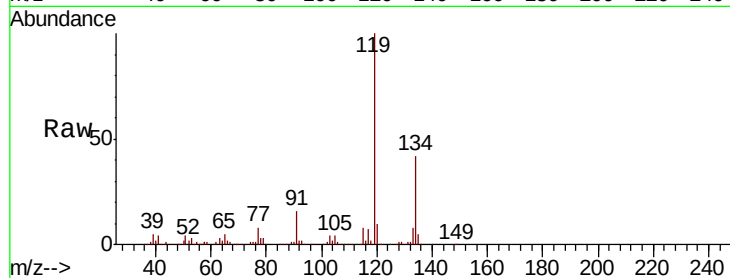
Tot Ion: 75 Resp: 596

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

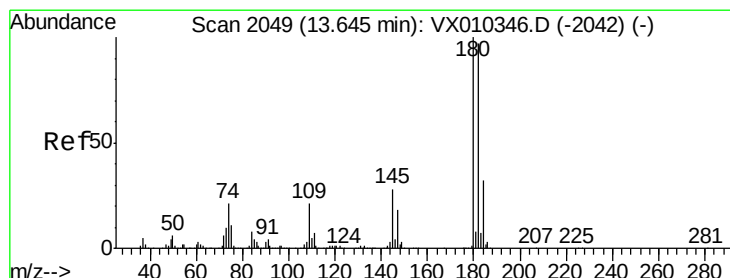
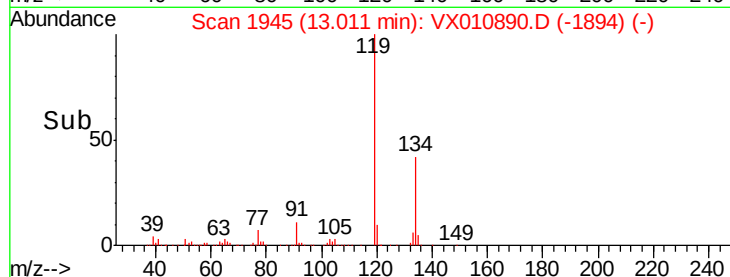
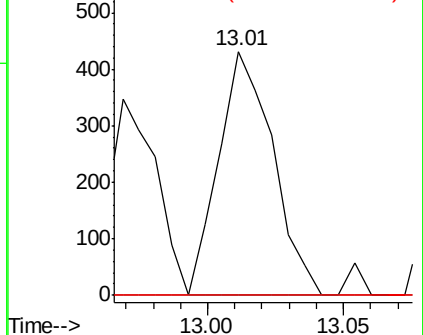
157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX010346.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX010346.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX010346.D (-1935) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.371 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX010890.D

Acq: 15 Jul 2019 17:24

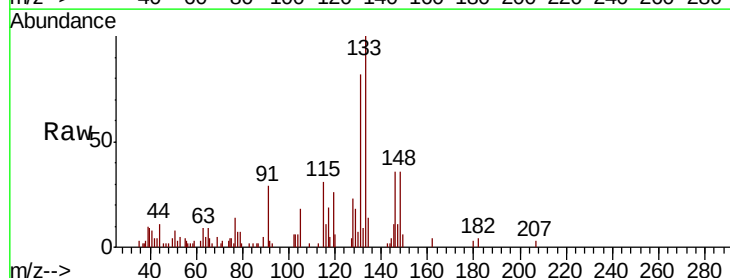
Tgt Ion:180 Resp: 27

Ion Ratio Lower Upper

180 100

182 637.0 48.0 144.0#

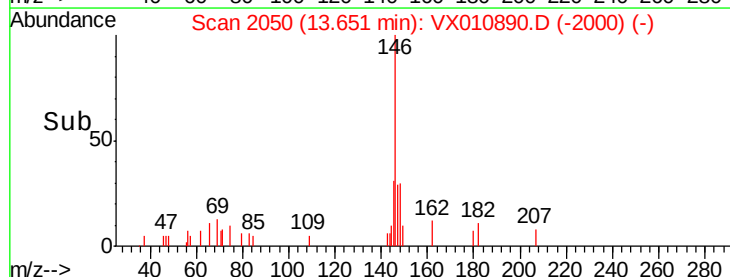
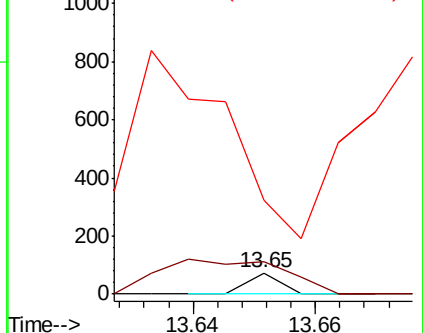
145 4229.6 14.4 43.4#

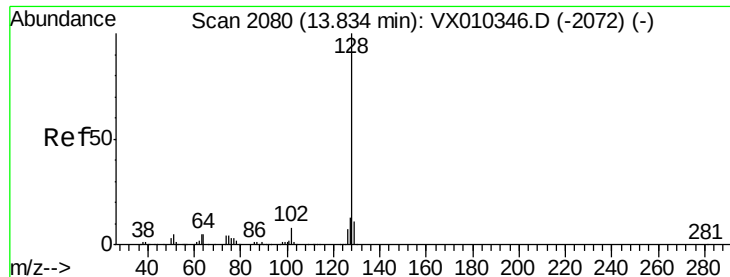


Abundance Ion 179.80 (179.50 to 180.50): VX010346.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX010346.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX010346.D (-2042) (-)

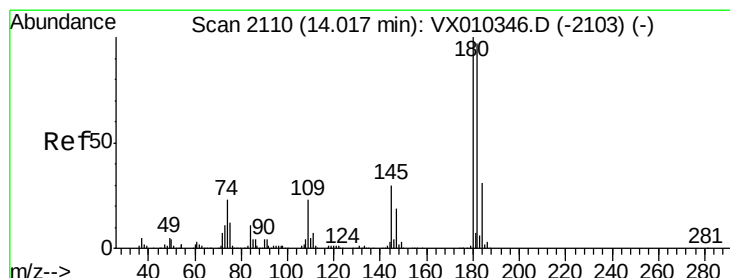
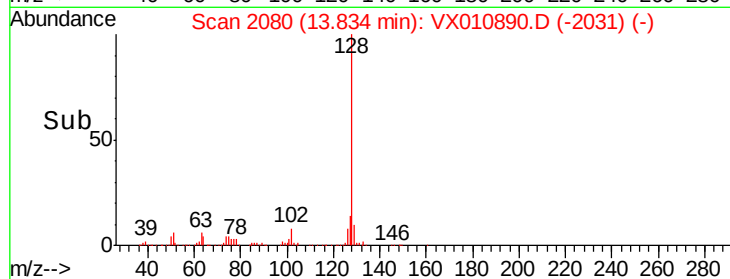
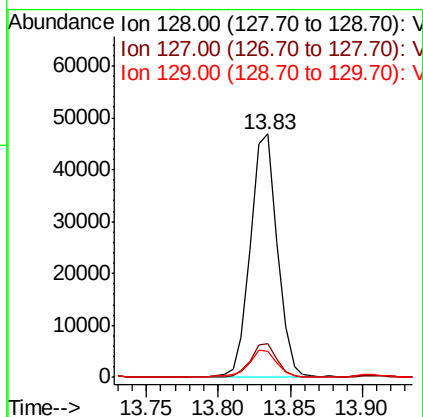
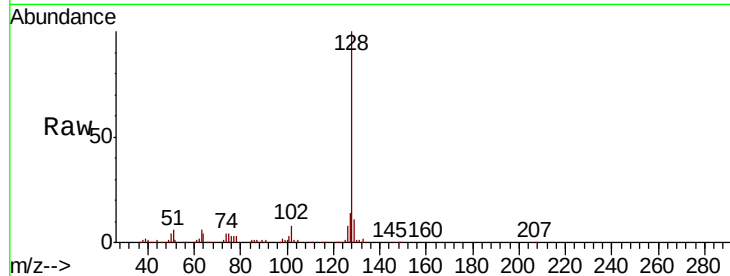




#95
Naphthalene
Concen: 1002.575 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0602DL

Tot Ion:128 Resp: 60690
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.187 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010890.D
Acq: 15 Jul 2019 17:24

Tgt Ion:180 Resp: 82
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 1218.3 15.2 45.6#

