

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010889.D
 Acq On : 15 Jul 2019 17:01
 Operator : JC/SP
 Sample : K3791-13DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Quant Time: Jul 16 02:00:45 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	5.66	168	2384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	3005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	2068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	1810	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	1714	76.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	153.36%	
35) Dibromofluoromethane	5.49	113	1112	60.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.96%	
50) Toluene-d8	8.72	98	3481	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.14	95	1560	61.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22	1.327	ug/l #	42
3) Chloromethane	1.33	50	586	30.363	ug/l #	80
4) Vinyl Chloride	1.41	62	128	6.055	ug/l	91
5) Bromomethane	1.65	94	183	17.770	ug/l	96
6) Chloroethane	1.71	64	2350	188.428	ug/l #	75
7) Trichlorofluoromethane	1.94	101	19	0.567	ug/l #	17
8) Diethyl Ether	2.09	74	60	4.993	ug/l	57
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85	4.186	ug/l #	1
10) Methyl Iodide	2.52	142	207	7.142	ug/l #	78
11) Tert butyl alcohol	3.03	59	550	94.035	ug/l #	74
12) 1,1-Dichloroethene	2.47	96	40	1.936	ug/l #	1
13) Acrolein	2.39	56	11263	2902.831	ug/l #	77
14) Allyl chloride	2.84	41	37439	1276.172	ug/l #	63
15) Acrylonitrile	3.18	53	7366	636.089	ug/l #	40
16) Acetone	2.39	43	29330	2618.206	ug/l #	46
17) Carbon Disulfide	2.57	76	629	11.346	ug/l #	71
18) Methyl Acetate	2.85	43	80919	3624.283	ug/l #	48
19) Methyl tert-butyl Ether	3.16	73	60	0.923	ug/l #	1
20) Methylene Chloride	2.87	84	1108	48.062	ug/l #	1
21) trans-1,2-Dichloroethene	3.22	96	21	0.945	ug/l #	1
22) Diisopropyl ether	3.85	45	213	3.473	ug/l #	61
24) 1,1-Dichloroethane	3.68	63	20	0.564	ug/l #	81
25) 2-Butanone	4.70	43	675	41.077	ug/l #	46
26) 2,2-Dichloropropane	4.40	77	2163	70.229	ug/l #	49
27) cis-1,2-Dichloroethene	4.56	96	20	0.779	ug/l #	1
28) Bromochloromethane	5.01	49	191	11.267	ug/l #	2
29) Tetrahydrofuran	5.14	42	184	18.078	ug/l #	28
30) Chloroform	5.28	83	770	20.185	ug/l	88
31) Cyclohexane	5.59	56	116403	3605.294	ug/l	96
32) 1,1,1-Trichloroethane	5.41	97	19	0.564	ug/l #	1
36) 1,1-Dichloropropene	5.81	75	23	0.963	ug/l #	38
37) Ethyl Acetate	4.84	43	141	5.740	ug/l #	66
38) Carbon Tetrachloride	5.65	117	161	6.226	ug/l #	11
39) Methylcyclohexane	7.46	83	145993	4651.120	ug/l	98

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Quant Time: Jul 16 02:00:45 2019
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 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	6.14	78	52	0.699	ug/l #	52
41) Methacrylonitrile	5.06	41	337	25.002	ug/l #	37
42) 1,2-Dichloroethane	6.23	62	63	2.782	ug/l #	71
43) Isopropyl Acetate	6.46	43	1975	48.592	ug/l #	62
45) 1,2-Dichloropropane	7.54	63	74	3.939	ug/l #	44
46) Dibromomethane	7.68	93	50	3.709	ug/l #	1
47) Bromodichloromethane	7.93	83	93	3.765	ug/l #	25
48) Methyl methacrylate	7.73	41	8103	428.910	ug/l #	58
49) 1,4-Dioxane	7.54	88	25	45.936	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	2356	90.635	ug/l #	64
52) Toluene	8.79	92	102	2.082	ug/l #	74
53) t-1,3-Dichloropropene	8.99	75	24	0.867	ug/l #	1
54) cis-1,3-Dichloropropene	8.26	75	21	0.698	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	6347	314.123	ug/l #	21
56) Ethyl methacrylate	9.16	69	1404	45.870	ug/l #	1
57) 1,3-Dichloropropane	9.33	76	19	0.606	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.29	63	69	4.747	ug/l #	44
59) 2-Hexanone	9.51	43	129	6.305	ug/l #	42
60) Dibromochloromethane	9.63	129	23	1.017	ug/l #	11
64) Tetrachloroethene	9.44	164	20	1.196	ug/l #	1
65) Chlorobenzene	10.13	112	52	1.239	ug/l #	43
67) Ethyl Benzene	10.25	91	117676	1660.243	ug/l	99
68) m/p-Xylenes	10.36	106	42167	1535.368	ug/l	99
69) o-Xylene	10.70	106	964	35.693	ug/l	84
70) Styrene	10.70	104	174	3.842	ug/l #	12
73) Isopropylbenzene	11.02	105	54995	448.223	ug/l	99
74) N-amyl acetate	10.92	43	500	10.783	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	605	14.889	ug/l #	29
76) 1,2,3-Trichloropropane	11.27	75	60	1.819	ug/l #	31
77) Bromobenzene	11.44	156	23	0.671	ug/l #	1
78) n-propylbenzene	11.36	91	119890	889.075	ug/l	97
79) 2-Chlorotoluene	11.45	91	19470	242.470	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	105291	1040.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	709	50.148	ug/l #	16
82) 4-Chlorotoluene	11.51	91	11853	129.723	ug/l #	43
83) tert-Butylbenzene	11.77	119	1684	16.588	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	352110	3464.899	ug/l	99
85) sec-Butylbenzene	11.94	105	17194	144.246	ug/l	82
86) p-Isopropyltoluene	12.06	119	15924	144.428	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	190	3.177	ug/l #	67
88) 1,4-Dichlorobenzene	12.10	146	144	2.365	ug/l #	70
89) n-Butylbenzene	12.38	91	17914	191.206	ug/l #	30
90) Hexachloroethane	12.61	117	3427	179.757	ug/l #	5
91) 1,2-Dichlorobenzene	12.38	146	100	1.682	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	431	49.197	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	179	4.343	ug/l #	1
94) Hexachlorobutadiene	13.79	225	21	1.042	ug/l #	19
95) Naphthalene	13.83	128	32593	257.313	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.02	180	98	2.391	ug/l #	1

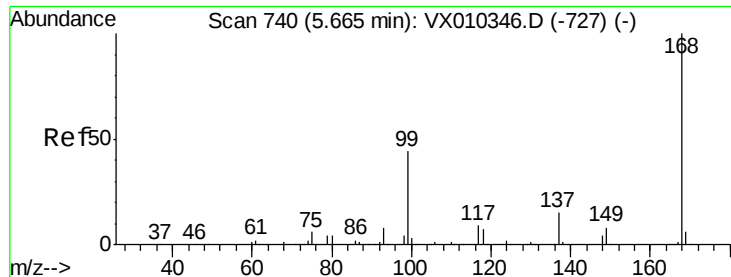
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

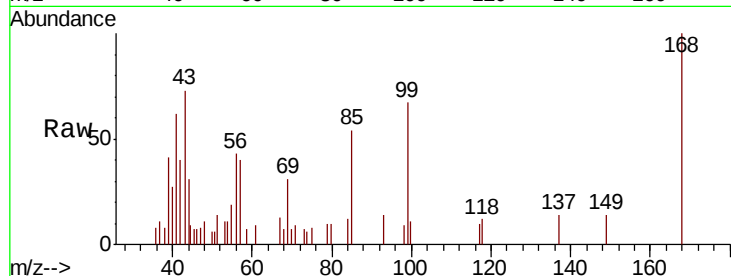
FL-0604DL

Tot Ion:168 Resp: 2384

Ion Ratio Lower Upper

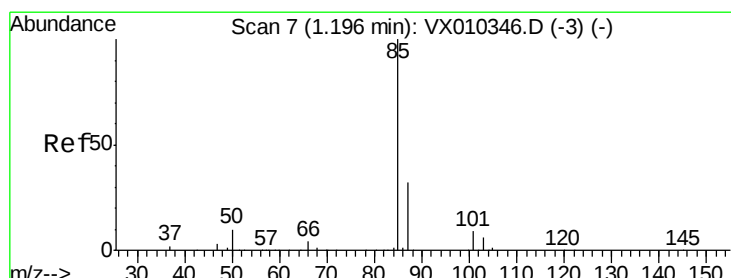
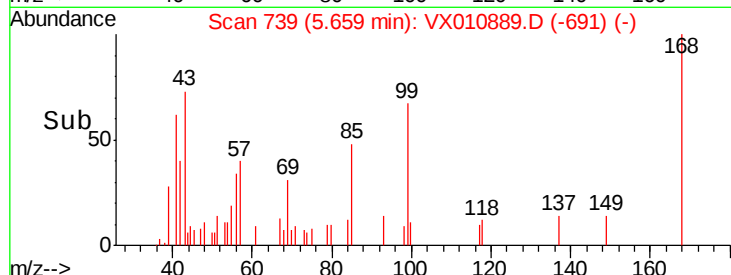
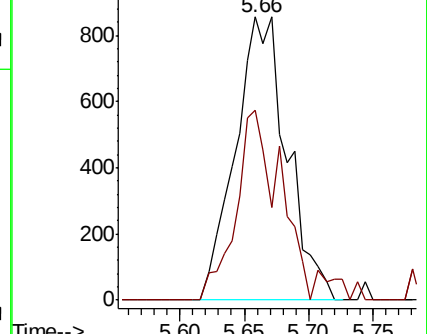
168 100

99 67.1 35.5 53.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.327 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010889.D

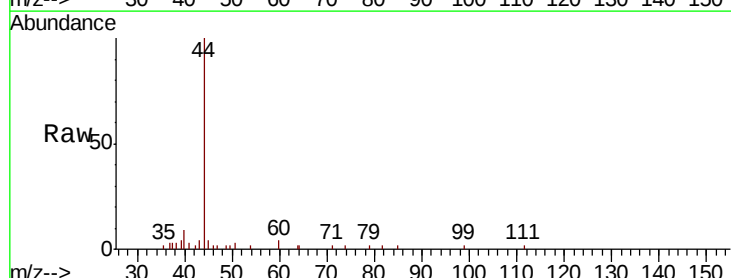
Acq: 15 Jul 2019 17:01

Tgt Ion: 85 Resp: 22

Ion Ratio Lower Upper

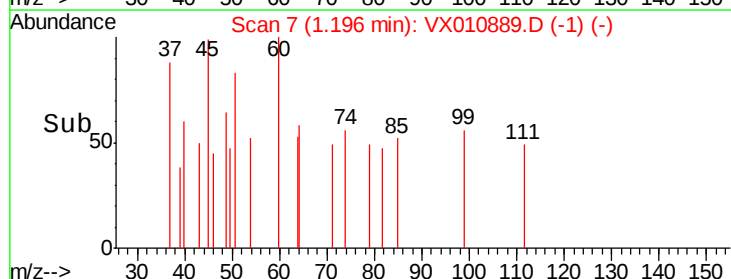
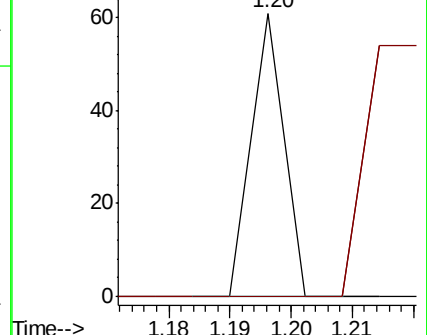
85 100

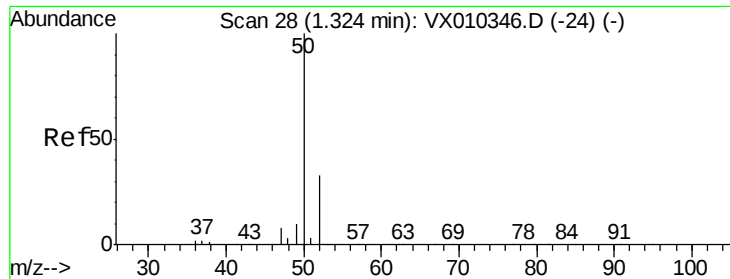
87 0.0 16.3 48.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 30.363 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

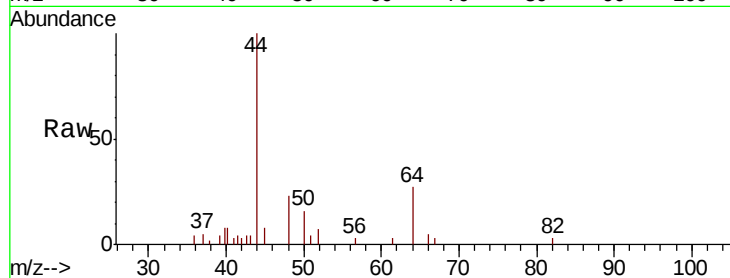
FL-0604DL

Tot Ion: 50 Resp: 586

Ion Ratio Lower Upper

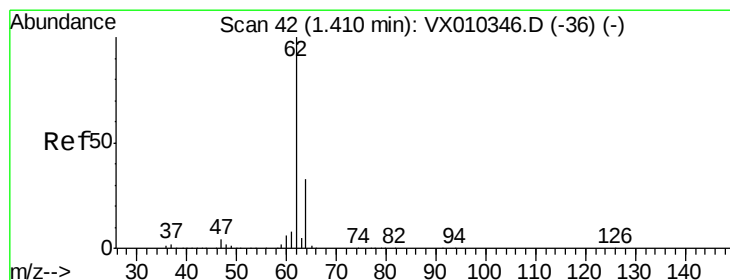
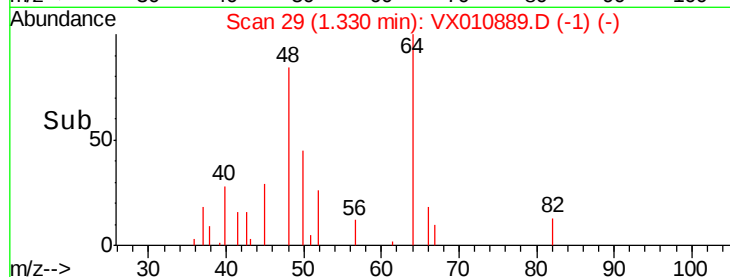
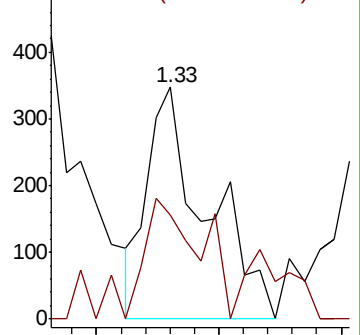
50 100

52 44.7 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: 6.055 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010889.D

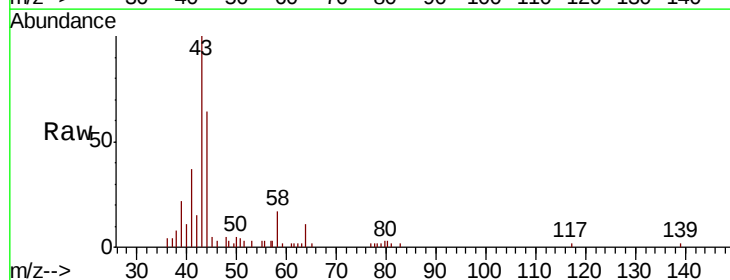
Acq: 15 Jul 2019 17:01

Tgt Ion: 62 Resp: 128

Ion Ratio Lower Upper

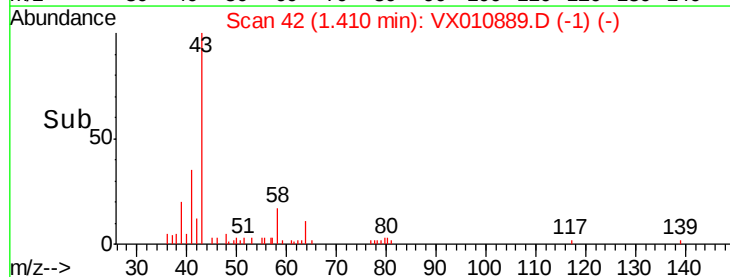
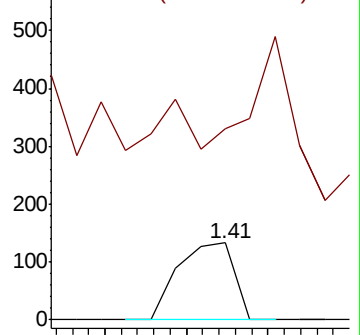
62 100

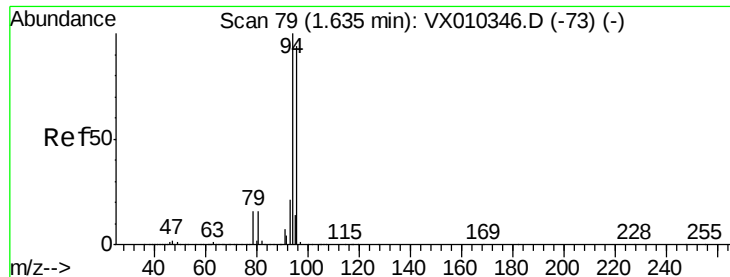
64 27.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.770 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

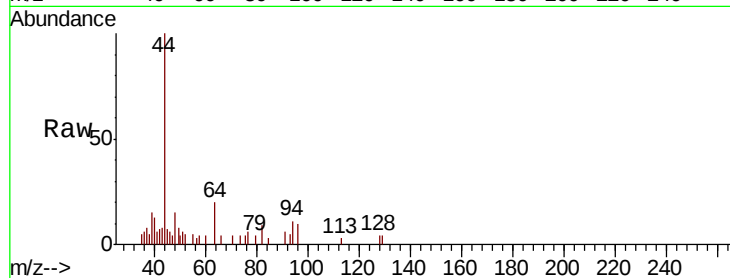
FL-0604DL

Tot Ion: 94 Resp: 183

Ion Ratio Lower Upper

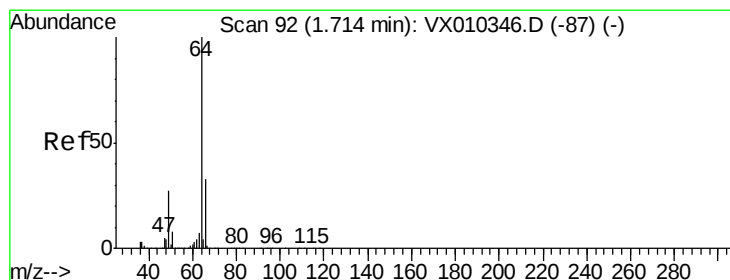
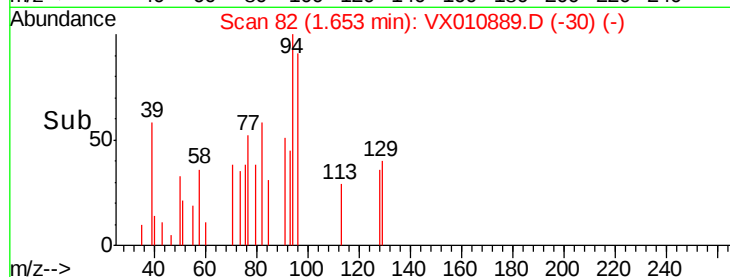
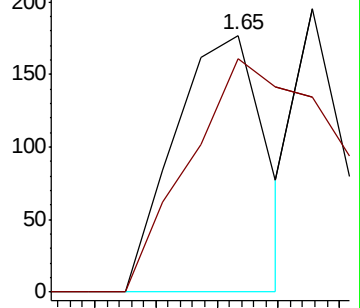
94 100

96 91.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 188.428 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010889.D

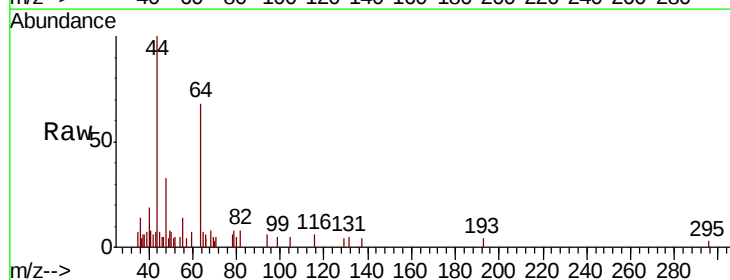
Acq: 15 Jul 2019 17:01

Tgt Ion: 64 Resp: 2350

Ion Ratio Lower Upper

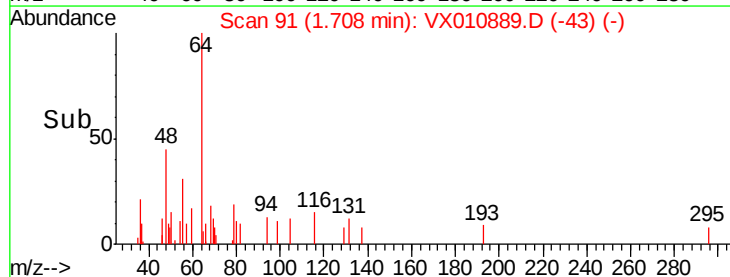
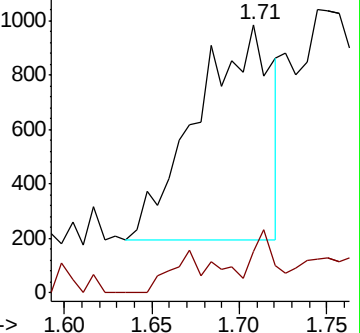
64 100

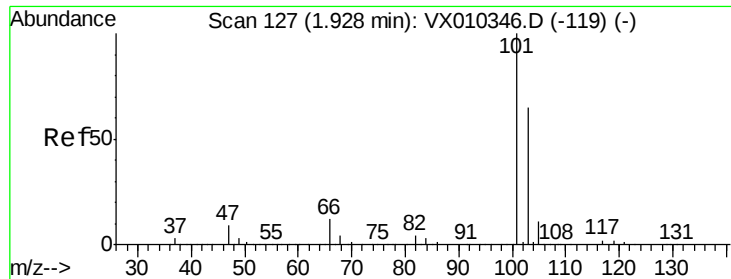
66 19.2 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



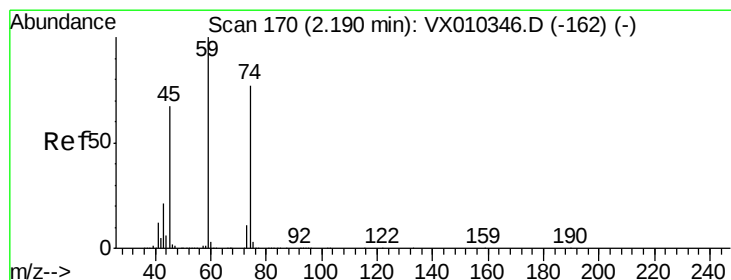
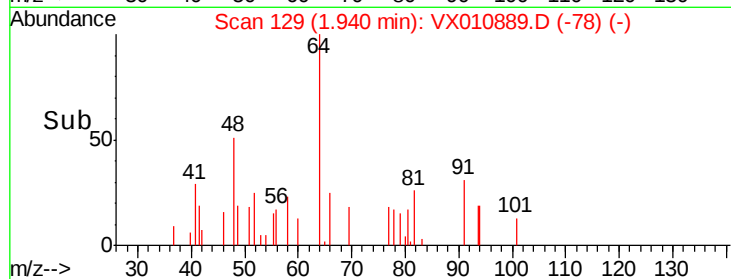
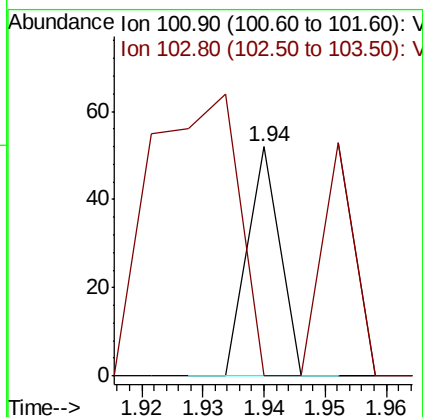
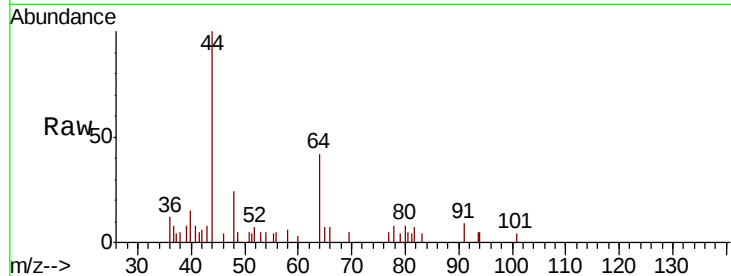


#7

Trichlorofluoromethane
Concen: 0.567 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

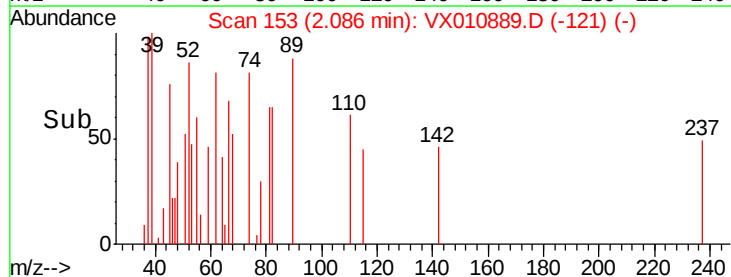
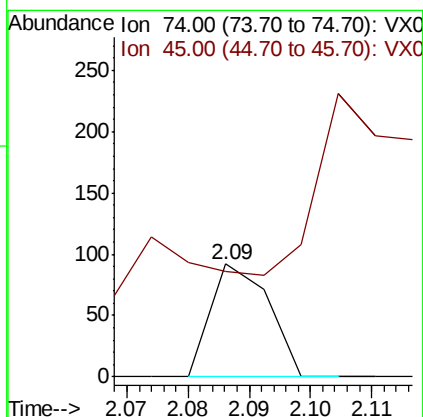
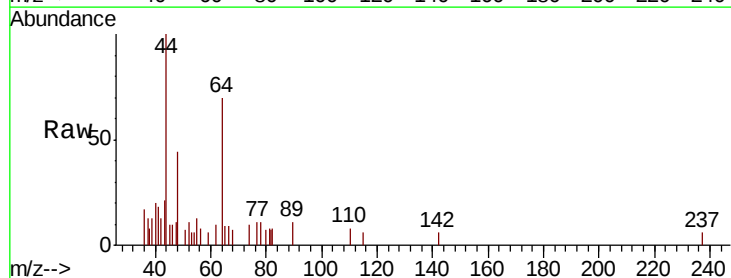
Tot Ion:101 Resp: 19
Ion Ratio Lower Upper
101 100
103 0.0 52.3 78.5#

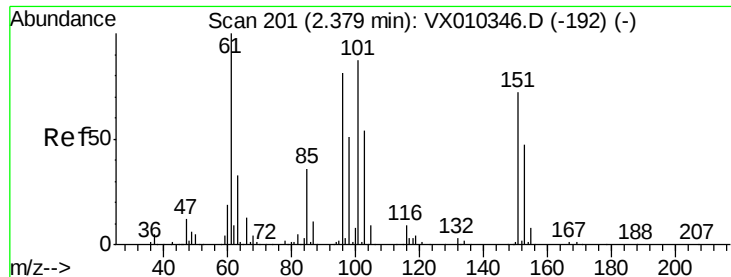


#8

Diethyl Ether
Concen: 4.993 ug/l
RT: 2.09 min Scan# 153
Delta R.T. -0.10 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 74 Resp: 60
Ion Ratio Lower Upper
74 100
45 130.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.186 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

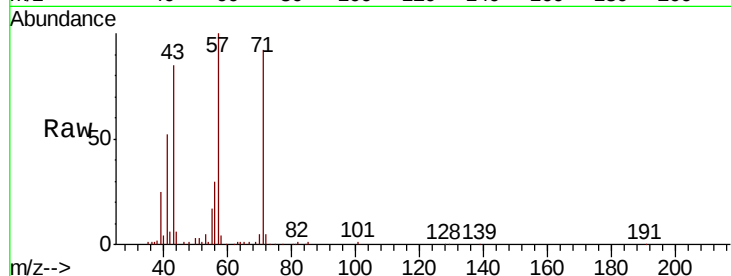
Tot Ion:101 Resp: 85

Ion Ratio Lower Upper

101 100

85 210.6 33.7 50.5#

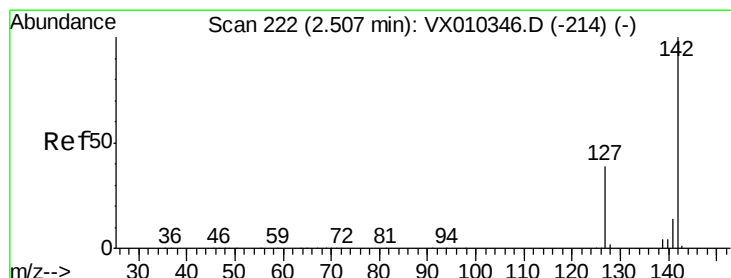
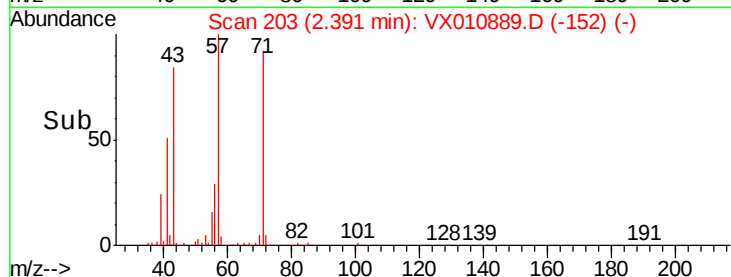
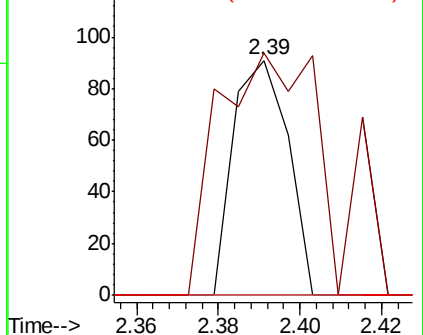
151 0.0 70.1 105.1#



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: 7.142 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

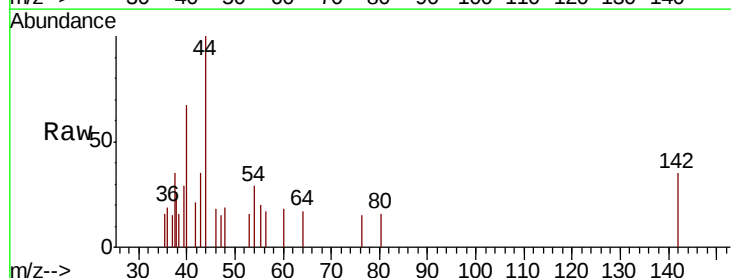
Tgt Ion:142 Resp: 207

Ion Ratio Lower Upper

142 100

127 28.5 31.1 46.7#

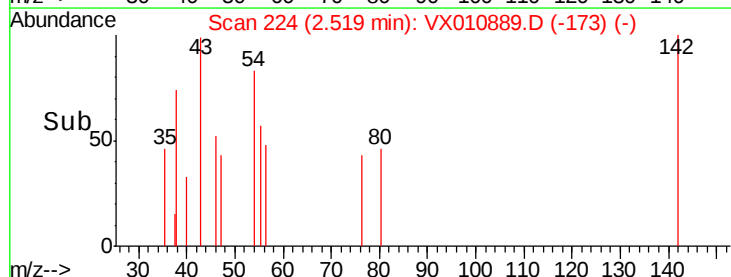
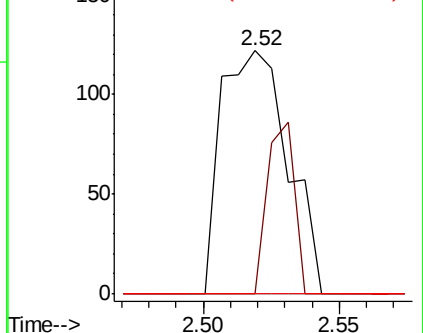
141 0.0 11.2 16.8#

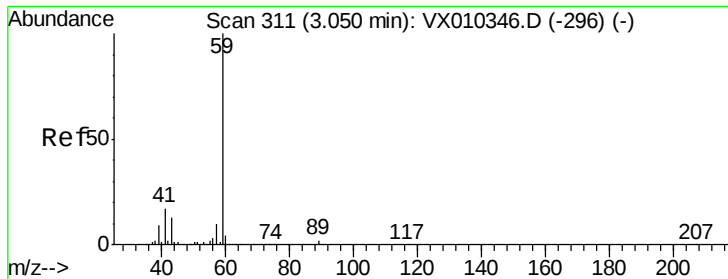


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



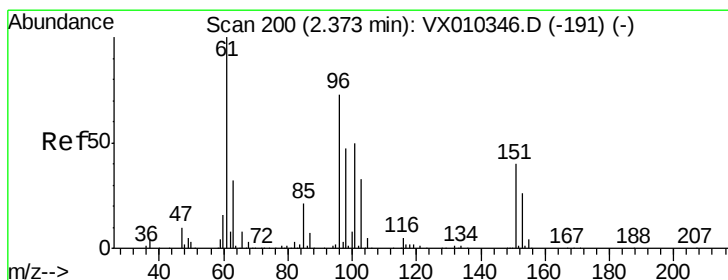
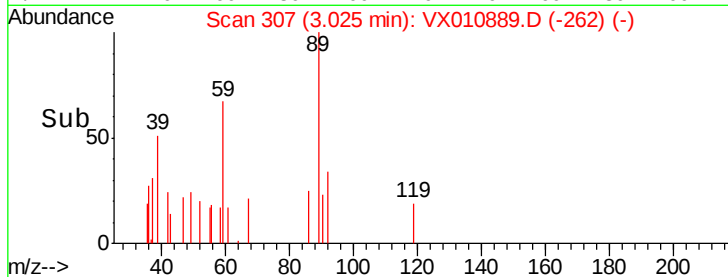
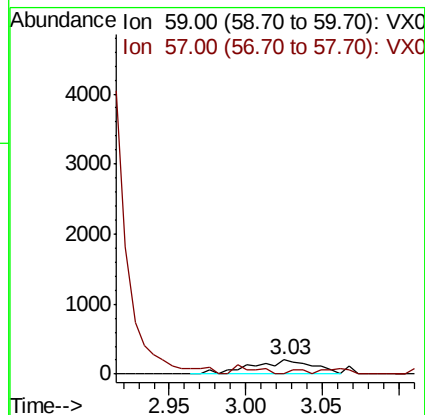
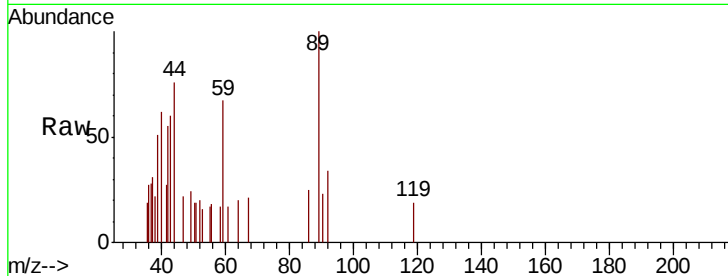


#11

Tert butyl alcohol
 Concen: 94.035 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

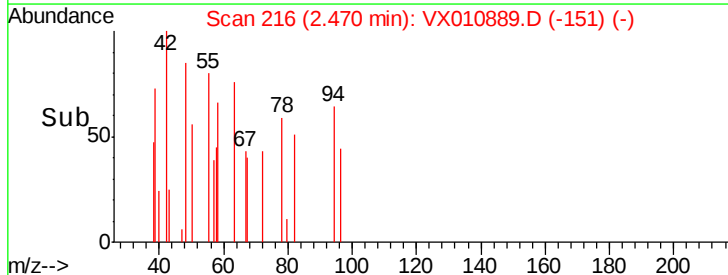
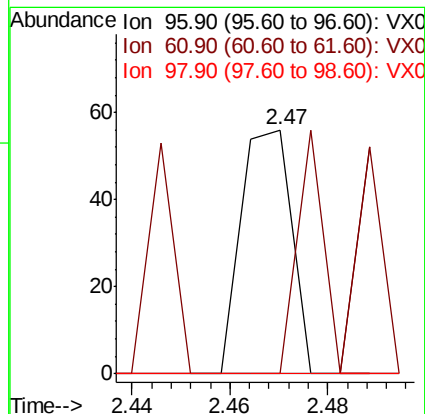
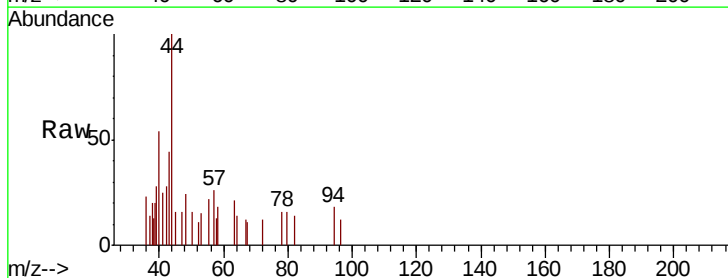
Tot Ion: 59 Resp: 550
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#



#12

1,1-Dichloroethene
 Concen: 1.936 ug/l
 RT: 2.47 min Scan# 216
 Delta R.T. 0.10 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion: 96 Resp: 40
 Ion Ratio Lower Upper
 96 100
 61 0.0 109.2 163.8#
 98 0.0 51.1 76.7#





#13

Acrolein

Concen: 2902.831 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

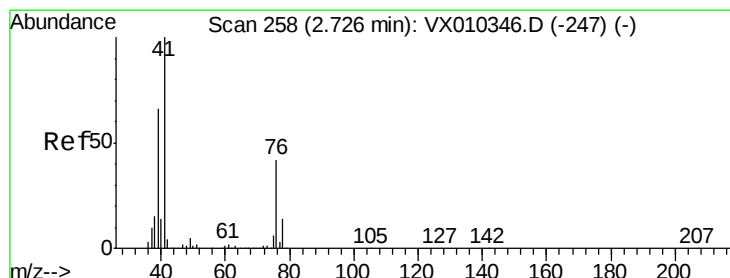
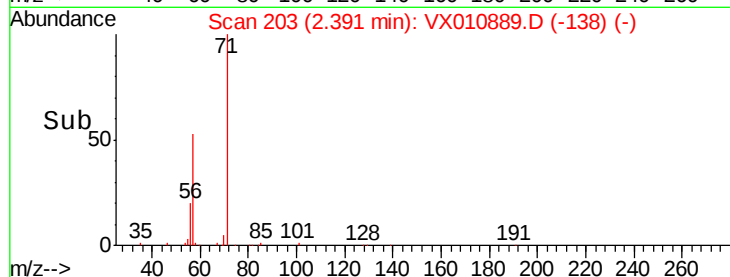
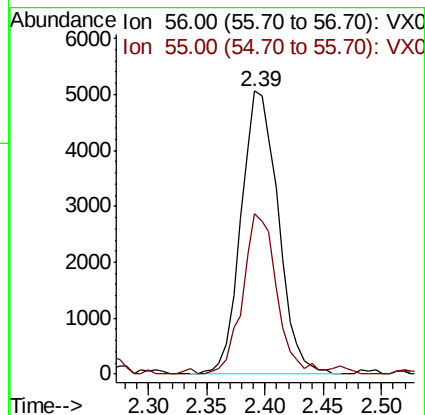
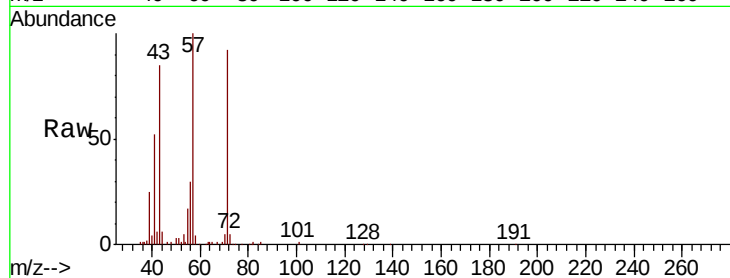
FL-0604DL

Tot Ion: 56 Resp: 11263

Ion Ratio Lower Upper

56 100

55 52.3 56.9 85.3#



#14

Allyl chloride

Concen: 1276.172 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

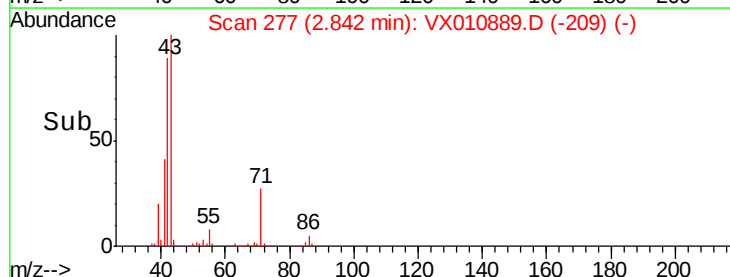
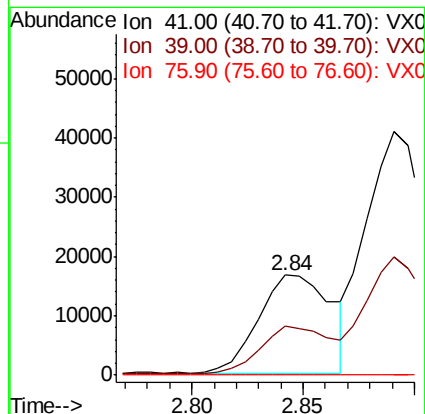
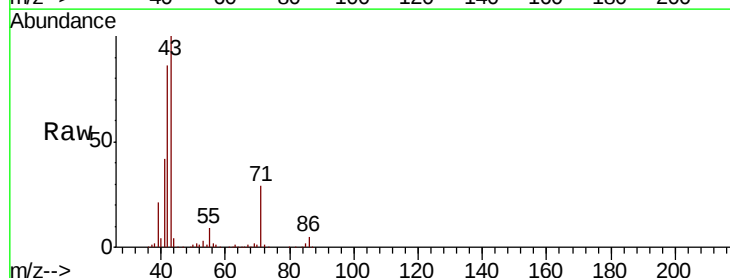
Tgt Ion: 41 Resp: 37439

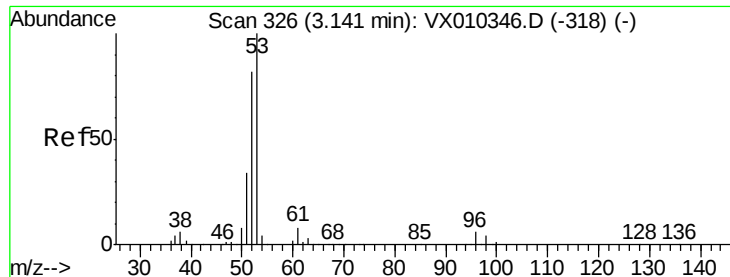
Ion Ratio Lower Upper

41 100

39 47.7 50.3 75.5#

76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 636.089 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

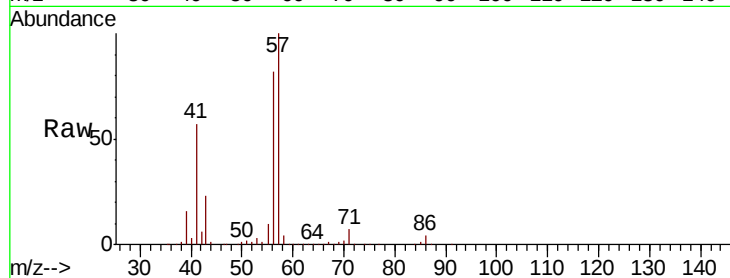
Tot Ion: 53 Resp: 7366

Ion Ratio Lower Upper

53 100

52 21.6 65.5 98.3#

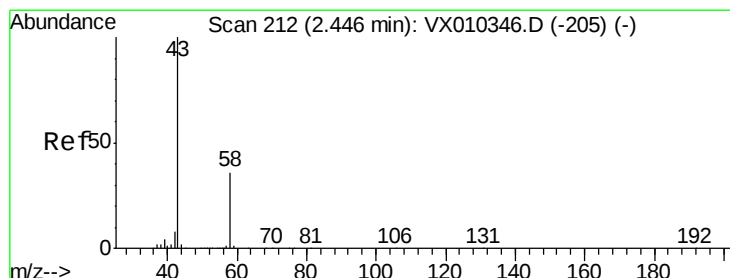
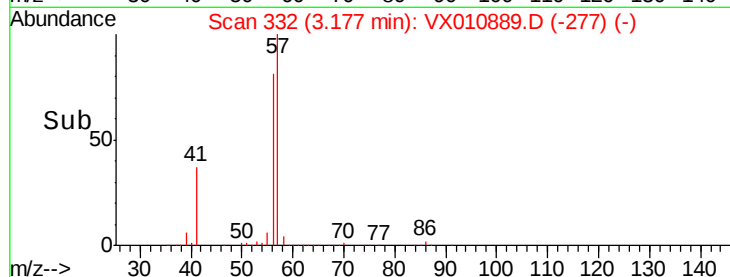
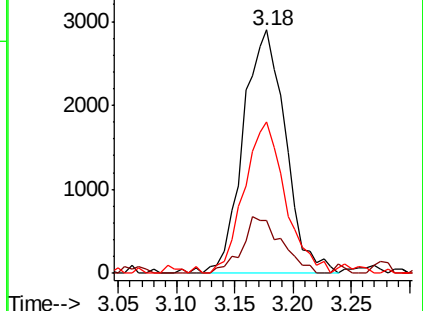
51 59.9 28.2 42.4#



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: 2618.206 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.06 min

Lab File: VX010889.D

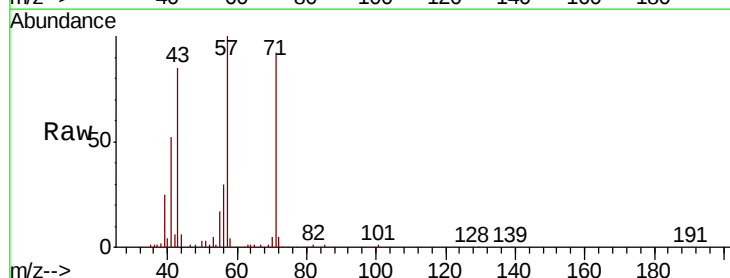
Acq: 15 Jul 2019 17:01

Tgt Ion: 43 Resp: 29330

Ion Ratio Lower Upper

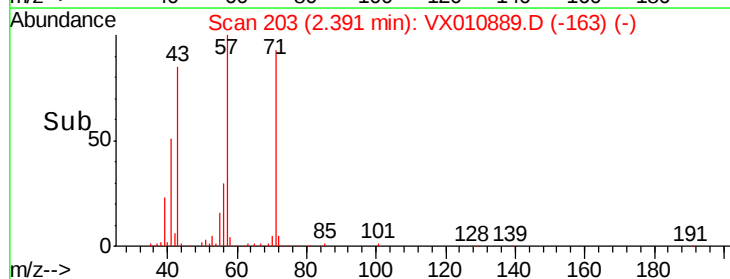
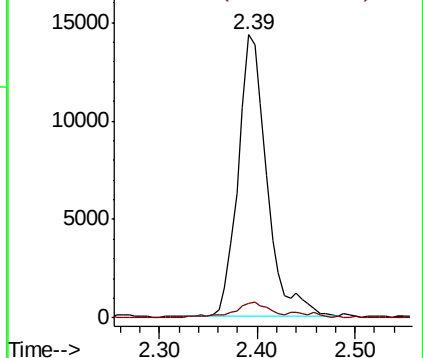
43 100

58 4.5 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: 11.346 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

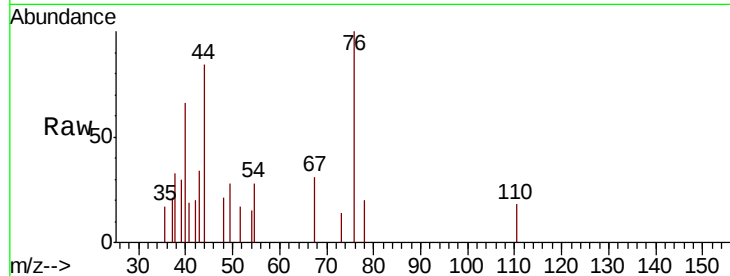
FL-0604DL

Tot Ion: 76 Resp: 629

Ion Ratio Lower Upper

76 100

78 19.8 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

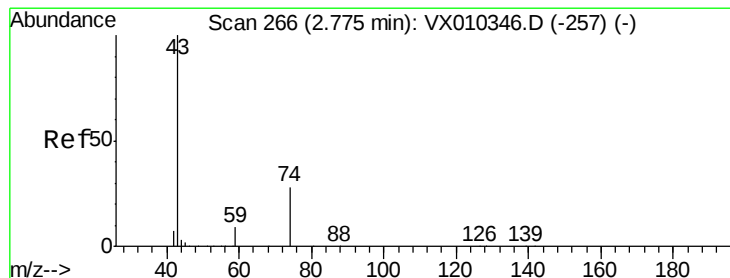
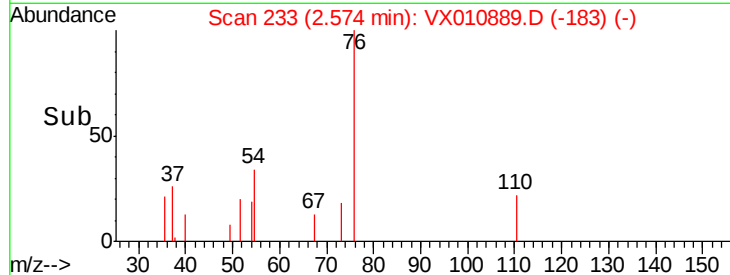
100

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 3624.283 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010889.D

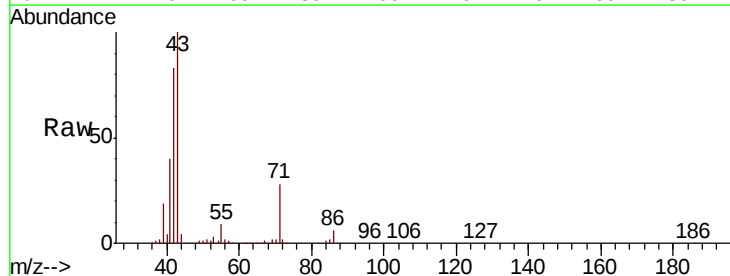
Acq: 15 Jul 2019 17:01

Tgt Ion: 43 Resp: 80919

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

120000

100000

80000

60000

40000

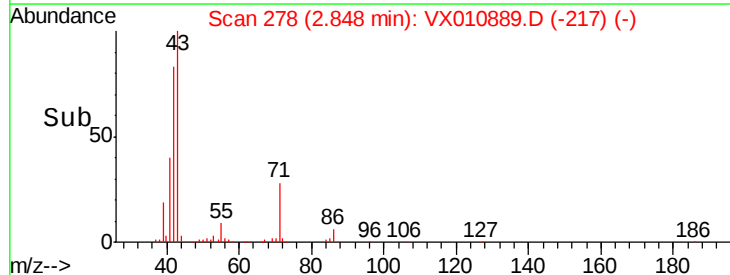
20000

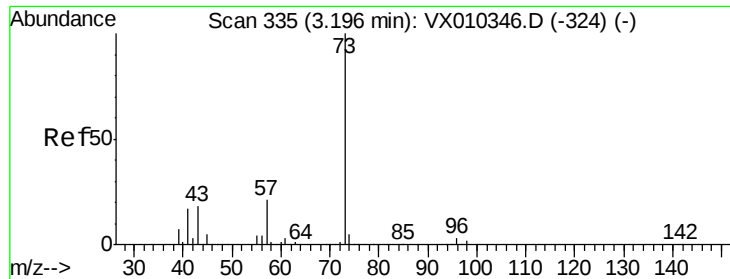
0

2.80

2.85

Time-->

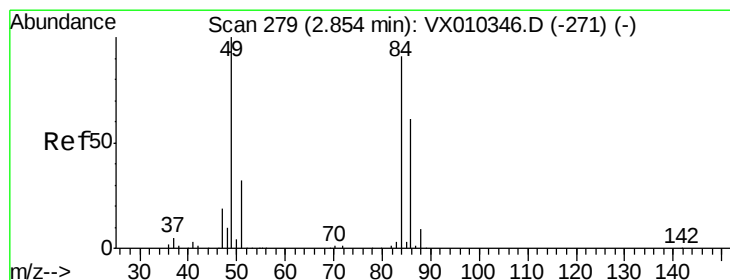
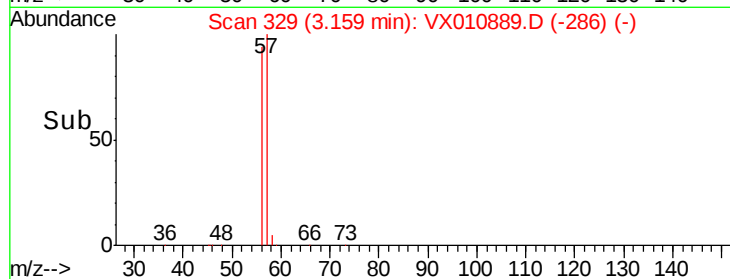
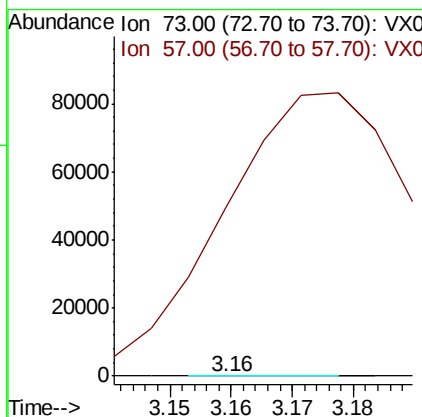
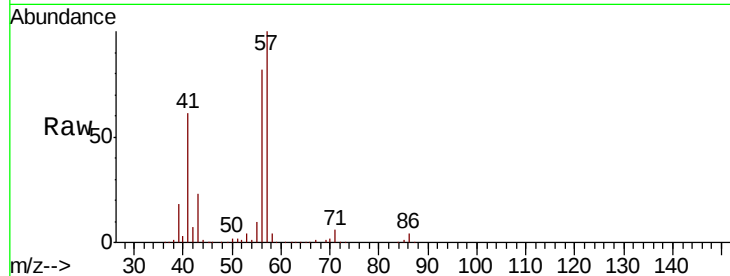




#19
Methyl tert-butyl Ether
Concen: 0.923 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.04 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

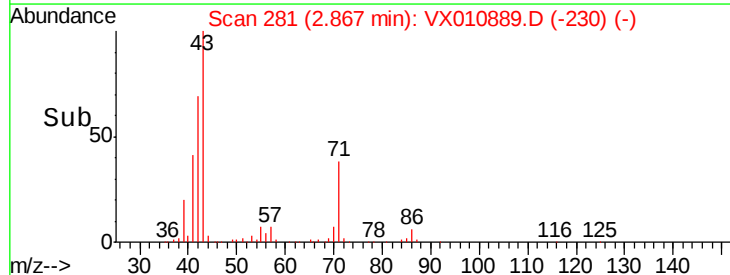
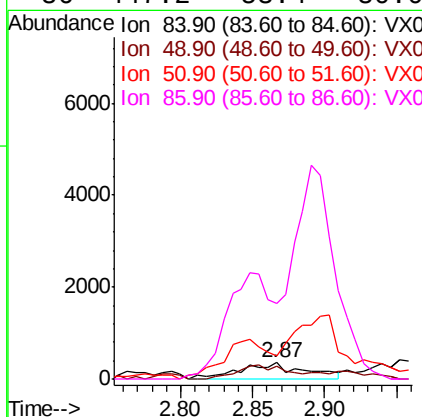
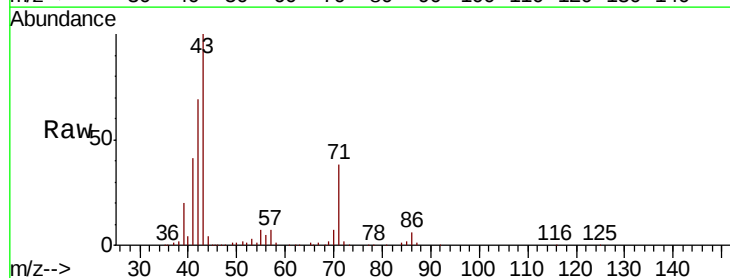
Instrument :
MSVOA_X
ClientSampleID :
FL-0604DL

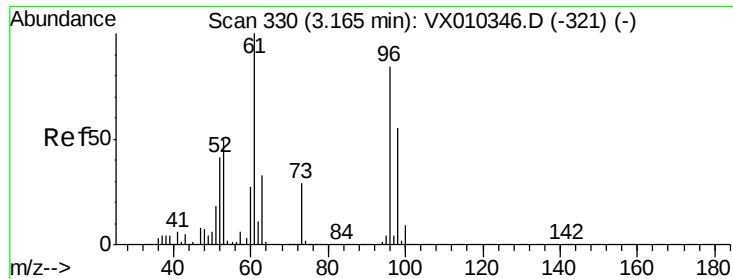
Tot Ion: 73 Resp: 60
Ion Ratio Lower Upper
73 100
57 19523.1 16.4 24.6#



#20
Methylene Chloride
Concen: 48.062 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 84 Resp: 1108
Ion Ratio Lower Upper
84 100
49 79.3 87.5 131.3#
51 117.3 27.7 41.5#
86 447.2 53.4 80.0#





#21

trans-1,2-Dichloroethene

Concen: 0.945 ug/l

RT: 3.22 min Scan# 339

Delta R.T. 0.05 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

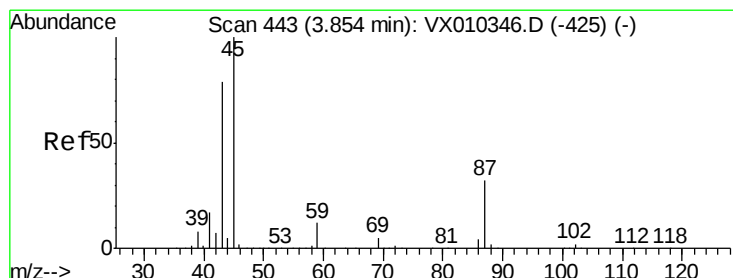
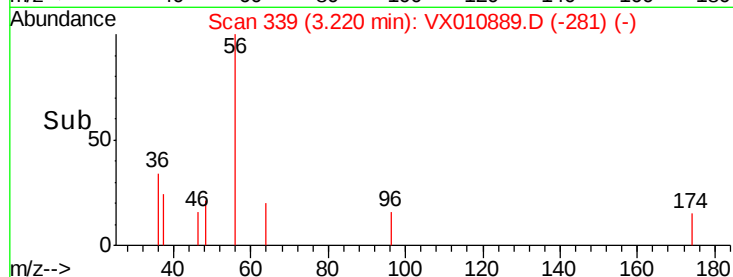
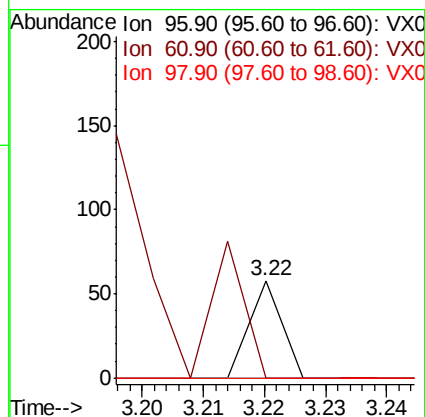
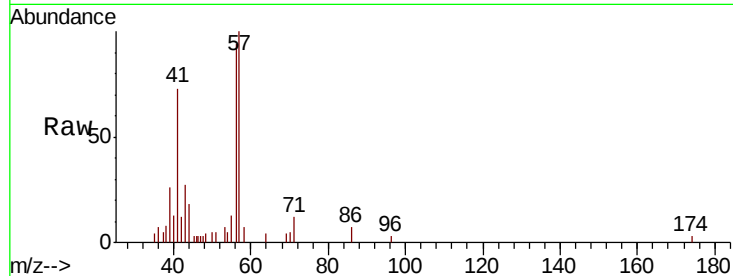
Tot Ion: 96 Resp: 21

Ion Ratio Lower Upper

96 100

61 0.0 95.6 143.4#

98 0.0 52.5 78.7#



#22

Diisopropyl ether

Concen: 3.473 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Tgt Ion: 45 Resp: 213

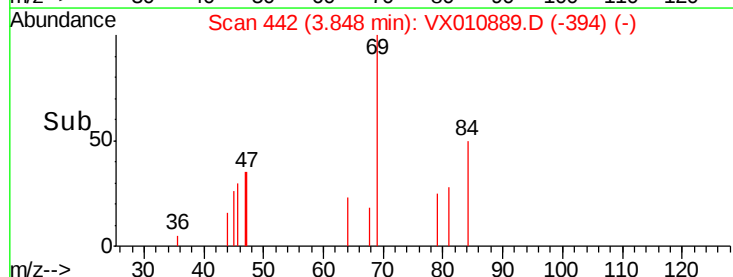
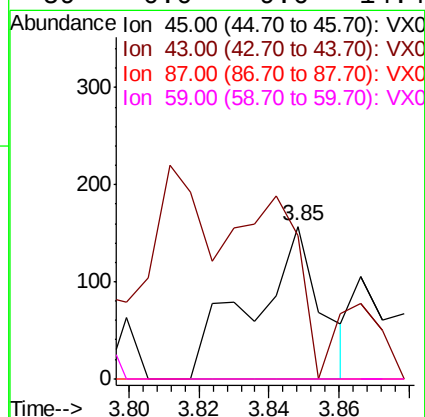
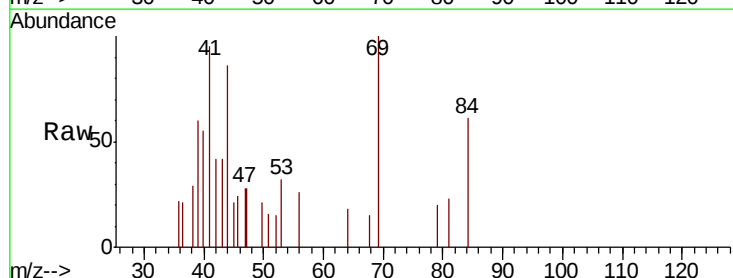
Ion Ratio Lower Upper

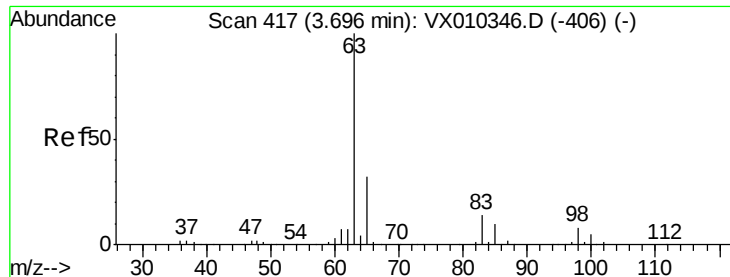
45 100

43 51.0 63.3 94.9#

87 0.0 25.8 38.8#

59 0.0 9.6 14.4#





#24

1,1-Dichloroethane

Concen: 0.564 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

FL-0604DL

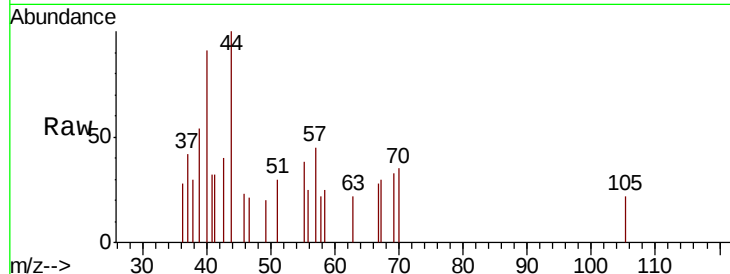
Tot Ion: 63 Resp: 20

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

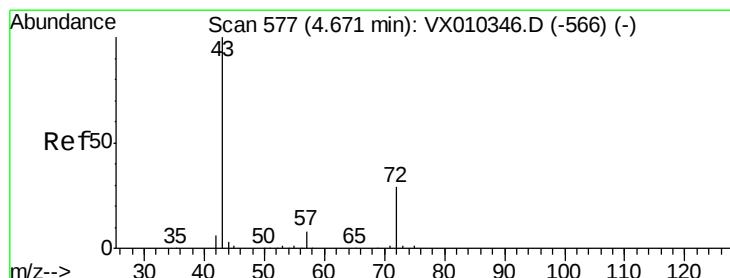
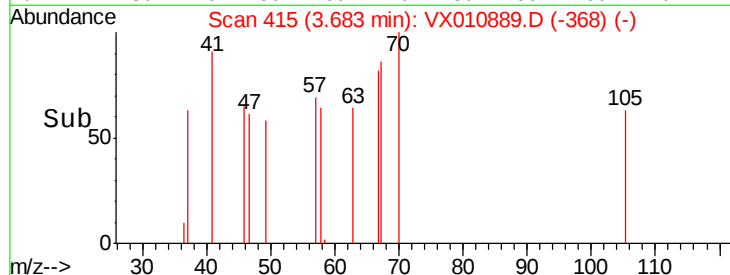
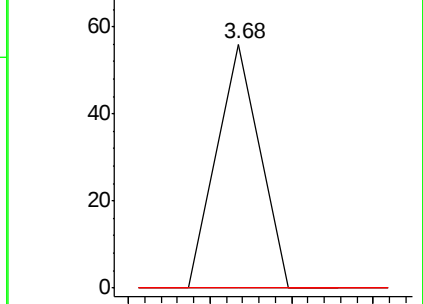
100 0.0 2.4 7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 41.077 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010889.D

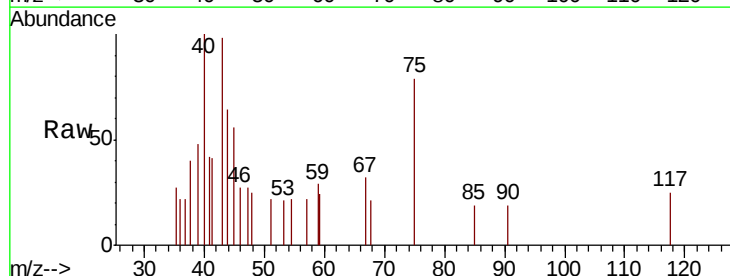
Acq: 15 Jul 2019 17:01

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

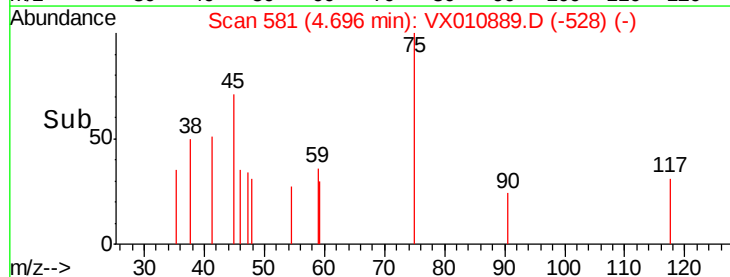
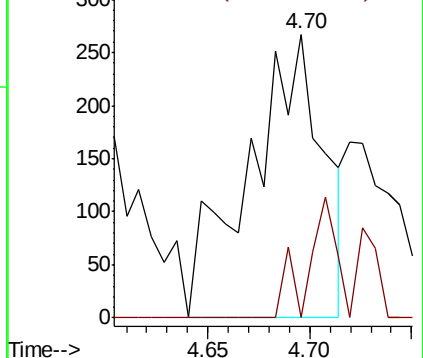
43 100

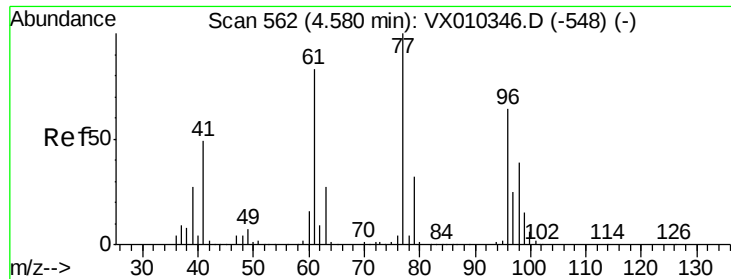
72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 70.229 ug/l

RT: 4.40 min Scan# 532

Delta R.T. -0.18 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

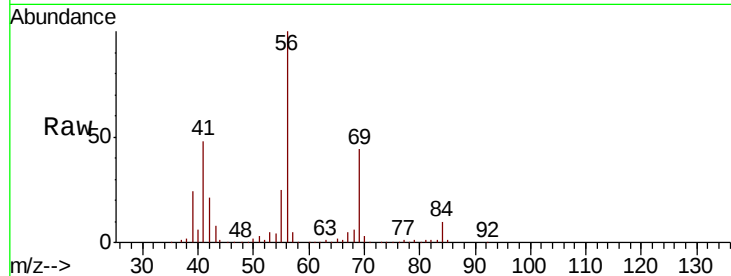
FL-0604DL

Tot Ion: 77 Resp: 2163

Ion Ratio Lower Upper

77 100

97 0.0 13.1 39.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.40

800

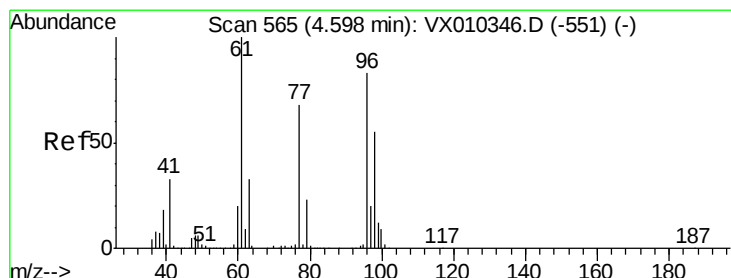
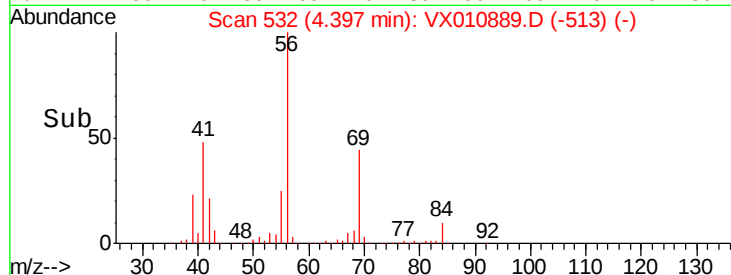
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.779 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

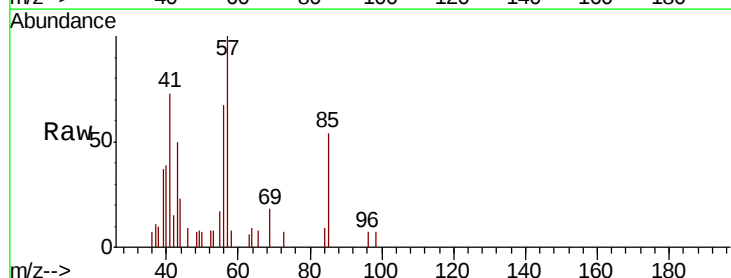
Tgt Ion: 96 Resp: 20

Ion Ratio Lower Upper

96 100

61 305.0 0.0 251.8#

98 200.0 0.0 129.4#



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

120

100

80

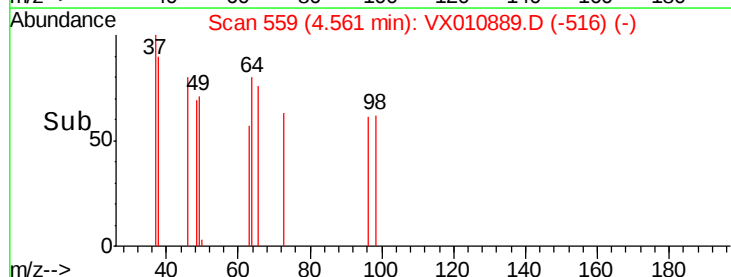
60

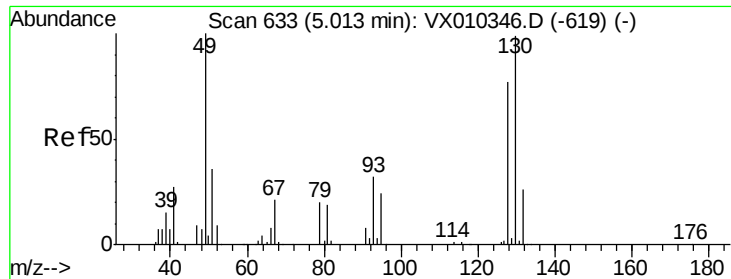
40

20

0

Time-->





#28

Bromochloromethane

Concen: 11.267 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

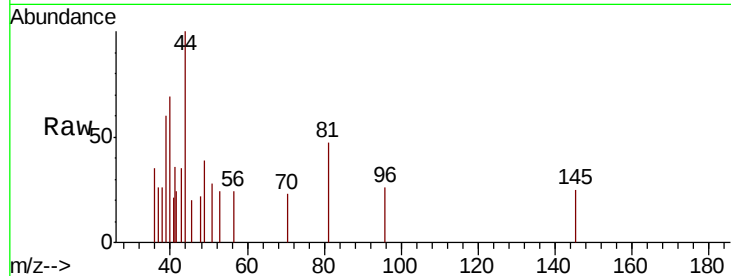
Tot Ion: 49 Resp: 191

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

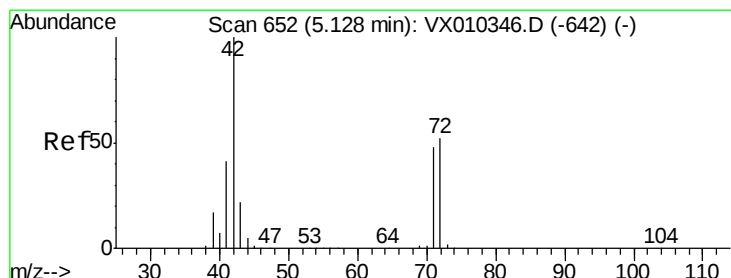
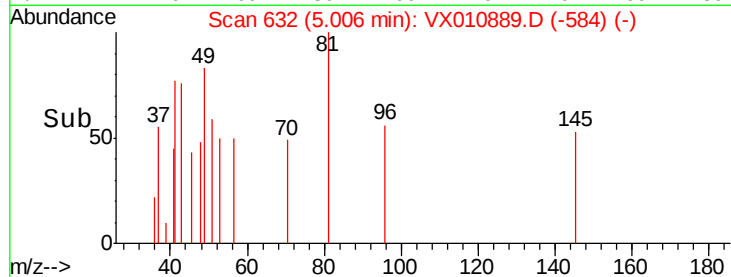
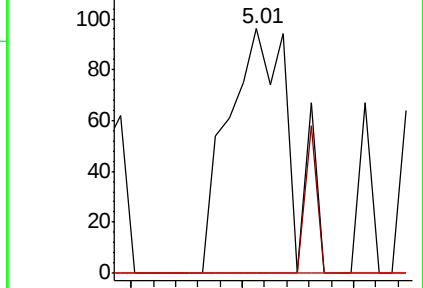
130 0.0 81.4 122.0#



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: 18.078 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

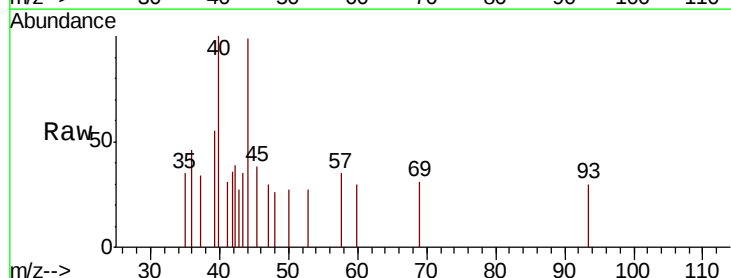
Tgt Ion: 42 Resp: 184

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

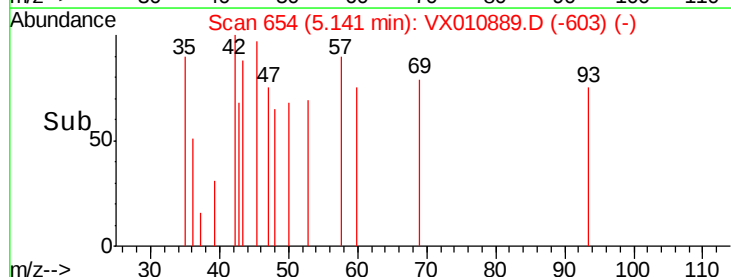
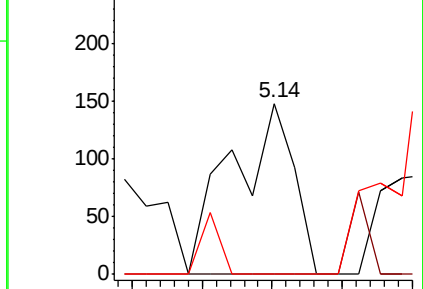
71 0.0 37.8 56.8#

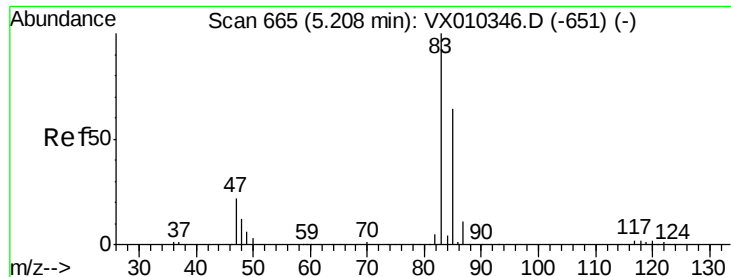


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

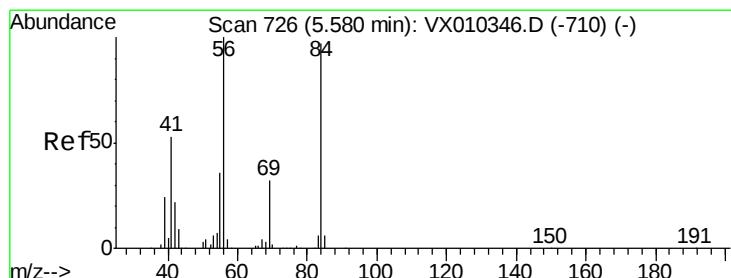
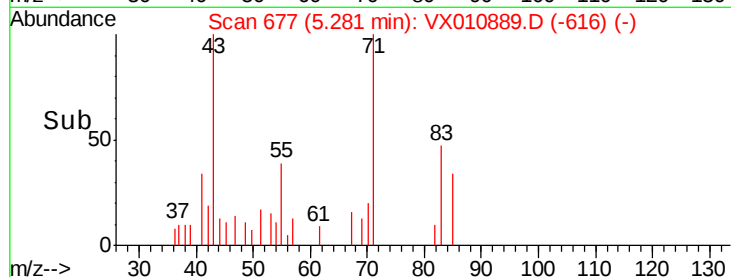
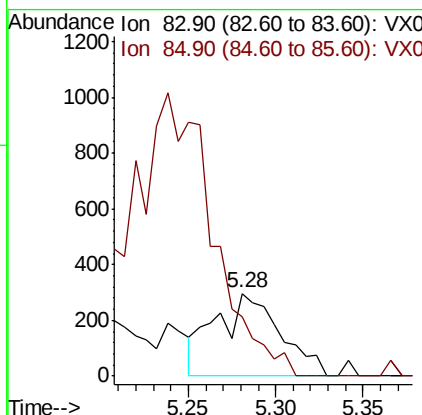
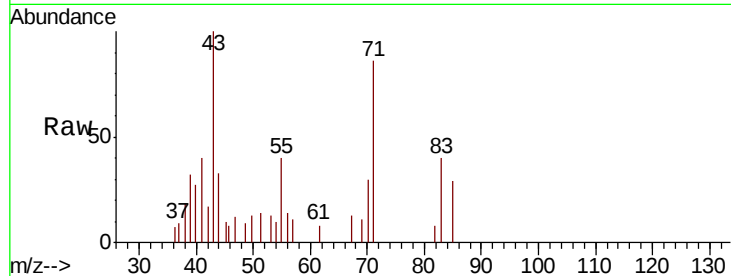




#30
Chloroform
Concen: 20.185 ug/l
RT: 5.28 min Scan# 677
Delta R.T. 0.07 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

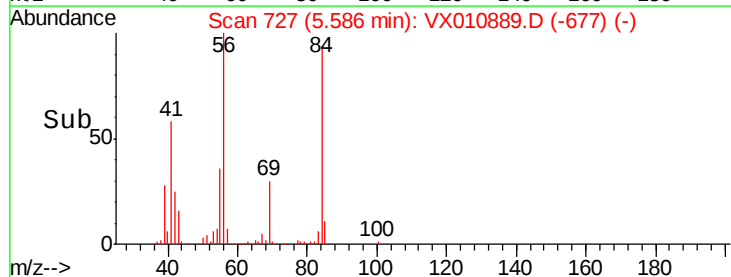
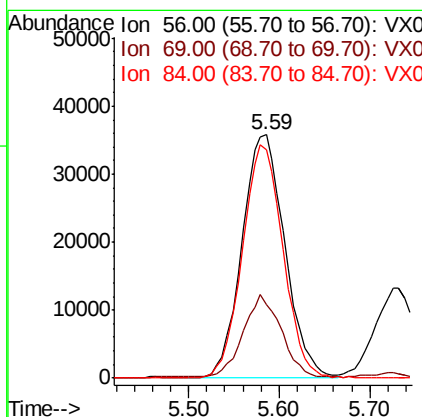
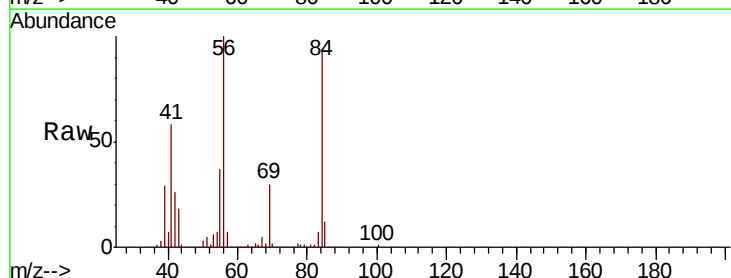
Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

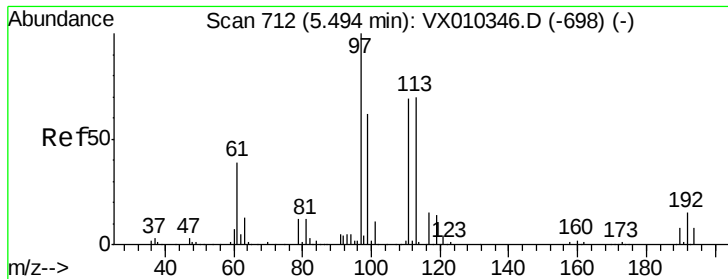
Tot Ion: 83 Resp: 770
Ion Ratio Lower Upper
83 100
85 72.6 50.9 76.3



#31
Cyclohexane
Concen: 3605.294 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 56 Resp: 116403
Ion Ratio Lower Upper
56 100
69 29.8 25.9 38.9
84 93.8 78.0 117.0





#32

1,1,1-Trichloroethane

Concen: 0.564 ug/l

RT: 5.41 min Scan# 699

Delta R.T. -0.08 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

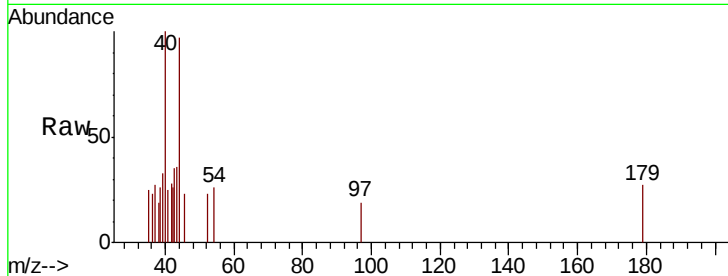
Tot Ion: 97 Resp: 19

Ion Ratio Lower Upper

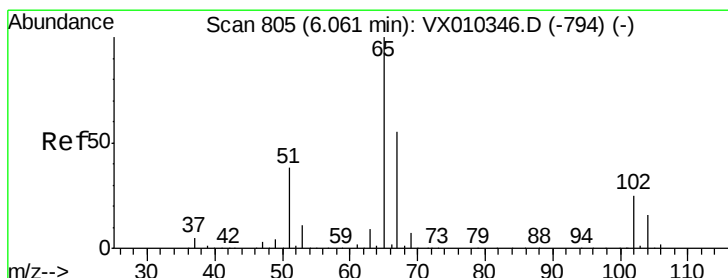
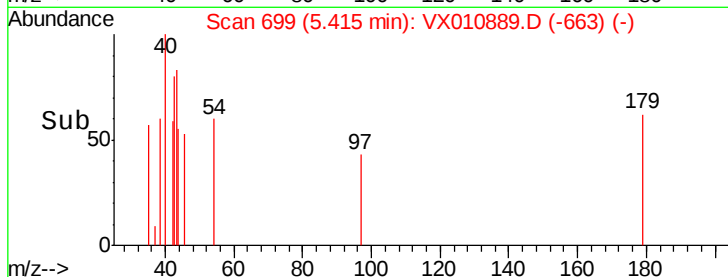
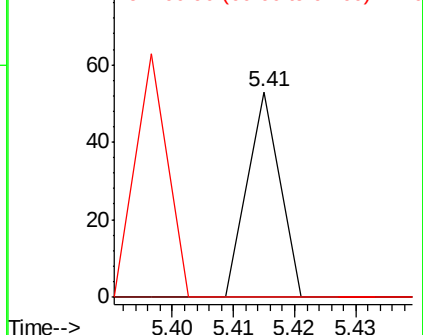
97 100

99 0.0 51.8 77.8#

61 121.1 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: 76.681 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010889.D

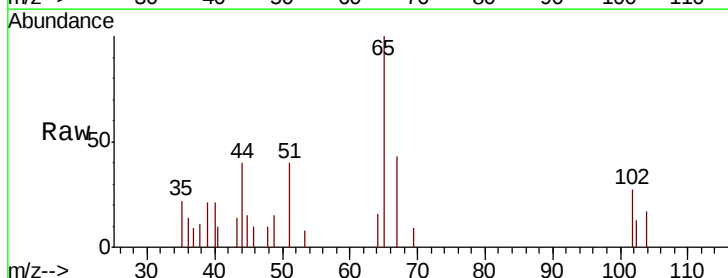
Acq: 15 Jul 2019 17:01

Tgt Ion: 65 Resp: 1714

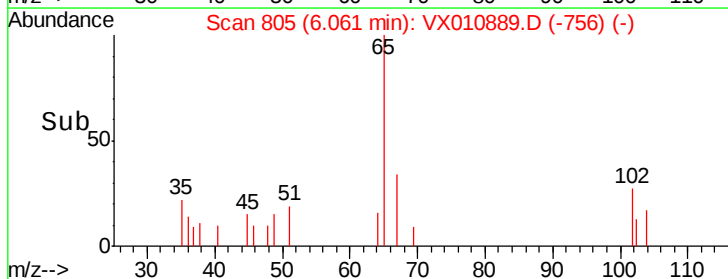
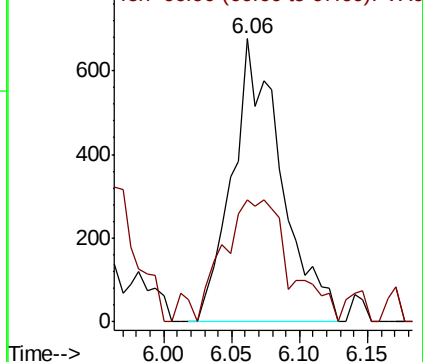
Ion Ratio Lower Upper

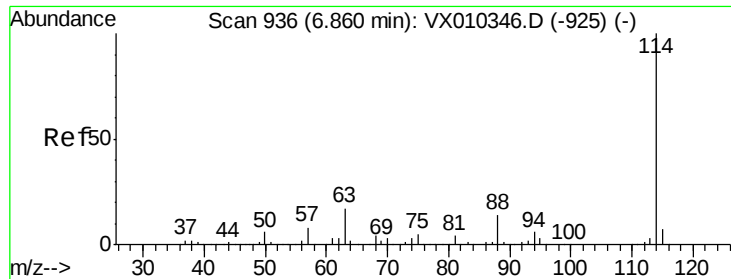
65 100

67 60.5 0.0 110.2



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

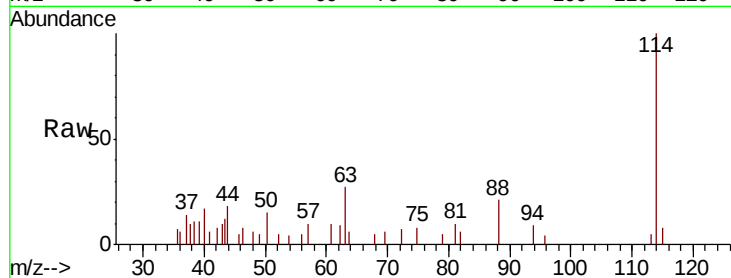




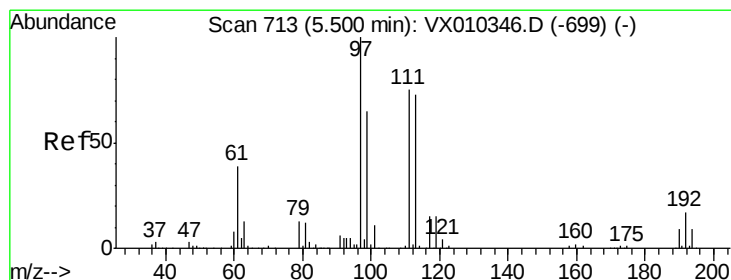
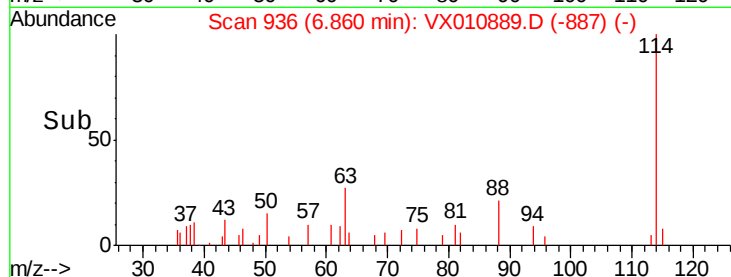
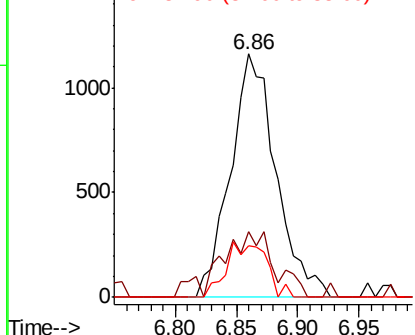
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Tot Ion:114 Resp: 3005
 Ion Ratio Lower Upper
 114 100
 63 27.2 0.0 33.8
 88 21.2 0.0 27.6

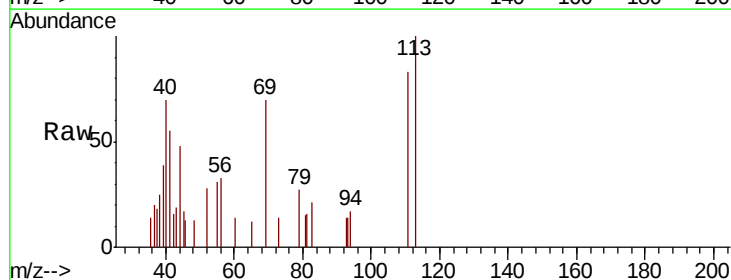


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

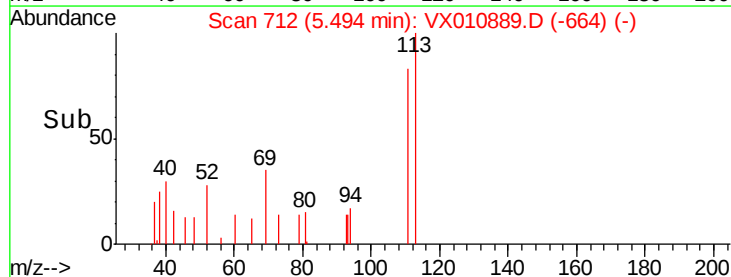
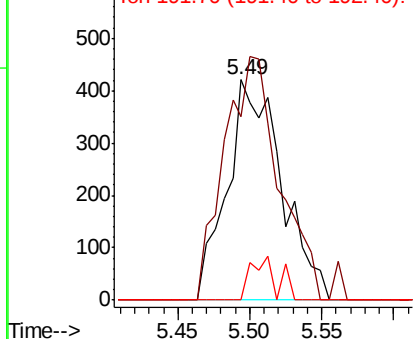


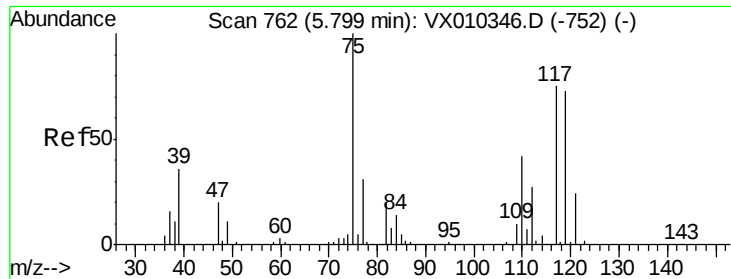
#35
 Dibromofluoromethane
 Concen: 60.482 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion:113 Resp: 1112
 Ion Ratio Lower Upper
 113 100
 111 111.4 81.2 121.8
 192 9.3 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

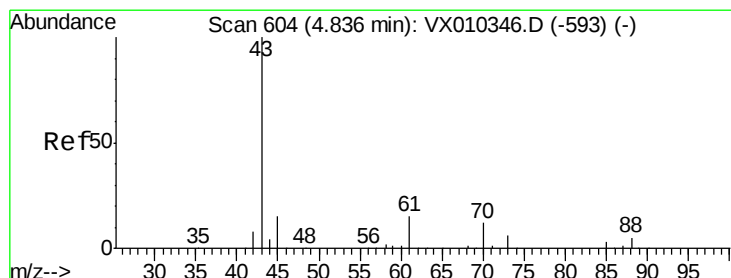
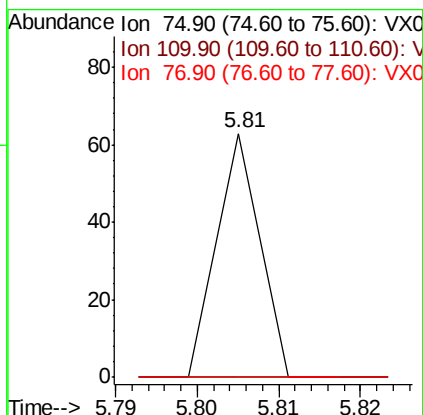
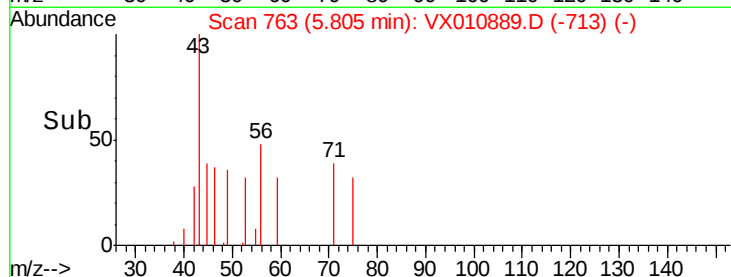
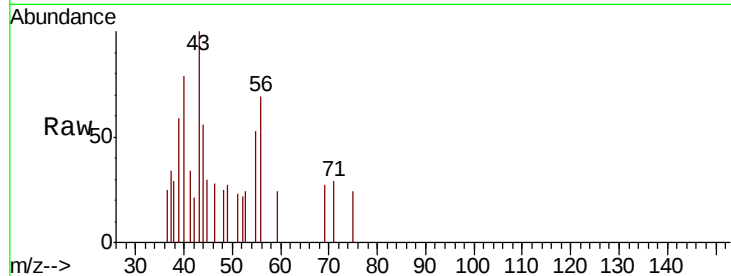




#36
 1,1-Dichloropropene
 Concen: 0.963 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

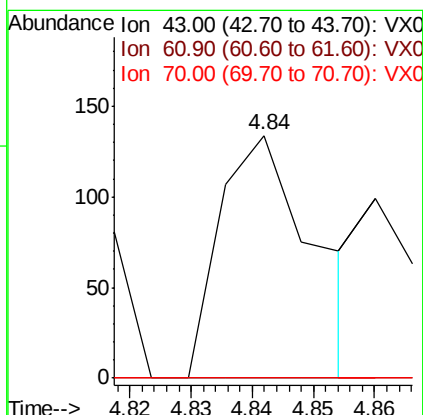
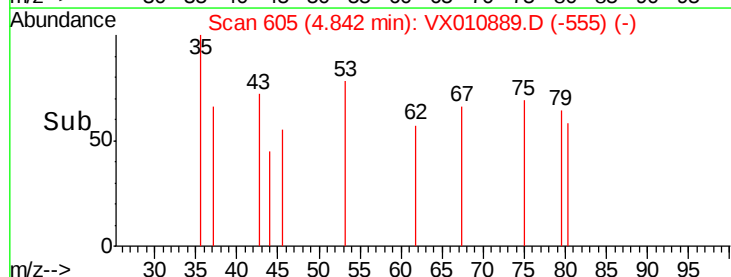
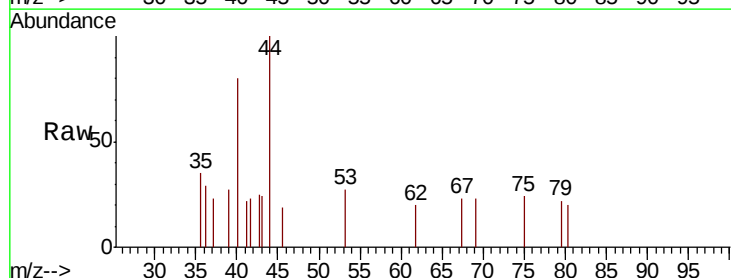
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

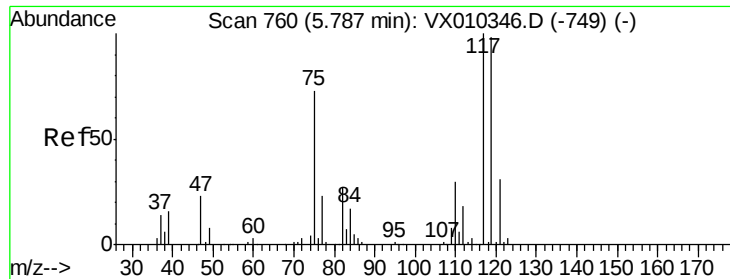
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.8	62.2#
77	0.0	25.4	38.0#



#37
 Ethyl Acetate
 Concen: 5.740 ug/l
 RT: 4.84 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.4	18.6#
70	0.0	9.8	14.8#





#38

Carbon Tetrachloride

Concen: 6.226 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

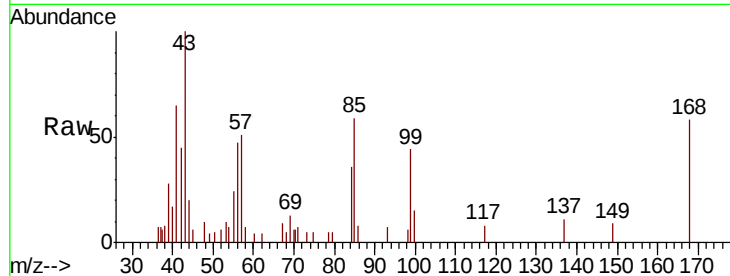
Tot Ion:117 Resp: 161

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.4#

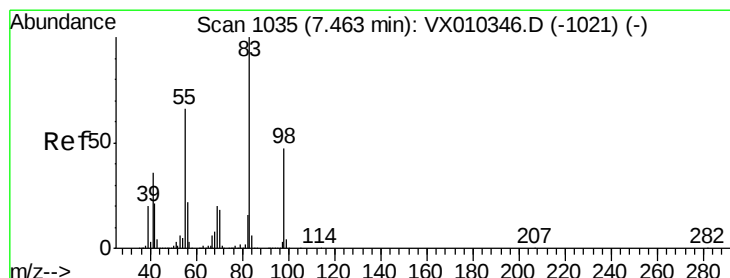
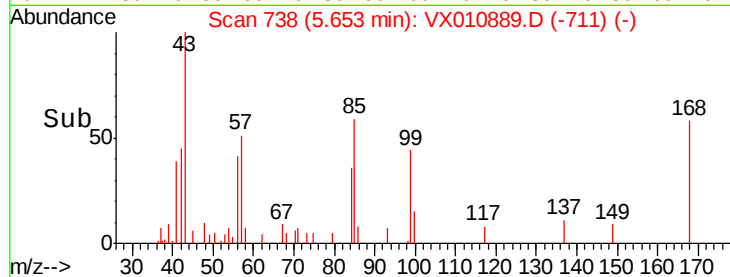
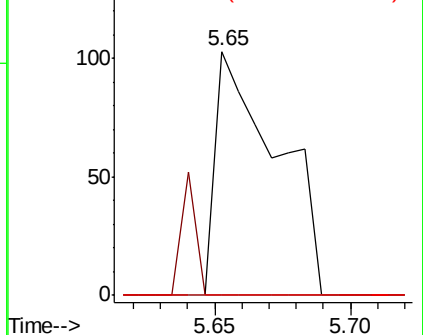
121 0.0 24.7 37.1#



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: 4651.120 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

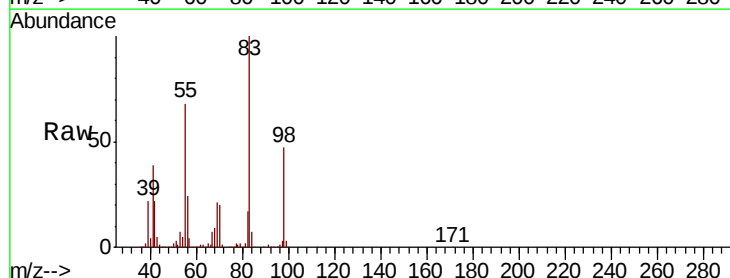
Tgt Ion: 83 Resp: 145993

Ion Ratio Lower Upper

83 100

55 68.3 53.0 79.6

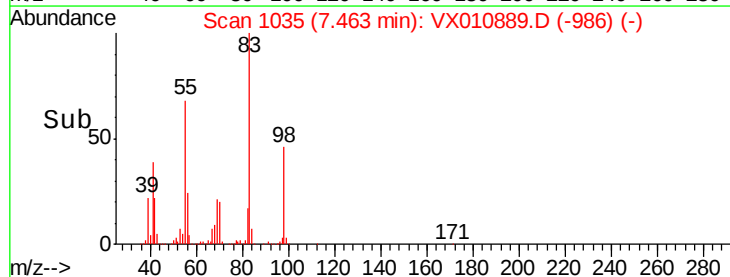
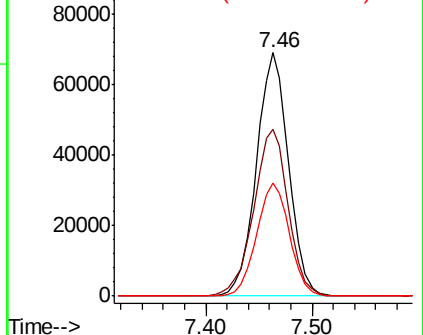
98 46.6 37.8 56.8

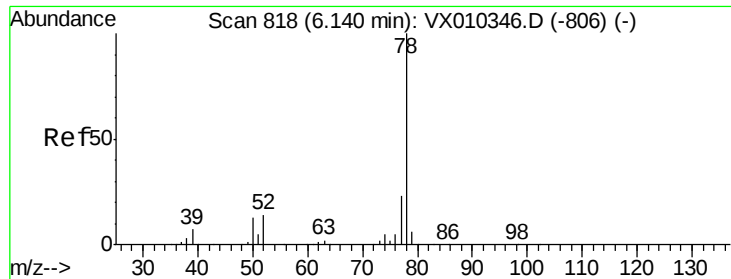


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.699 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

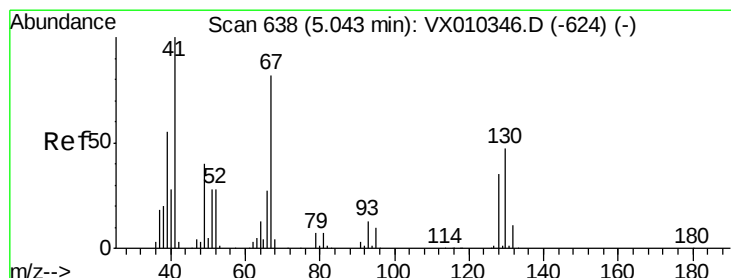
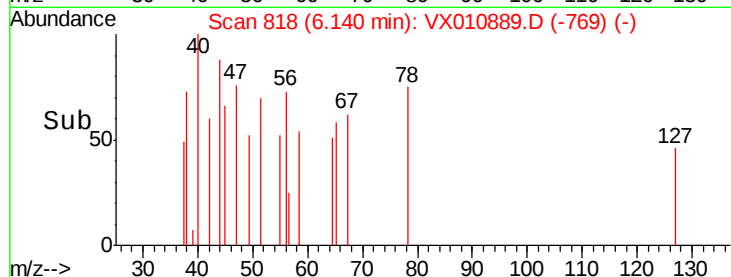
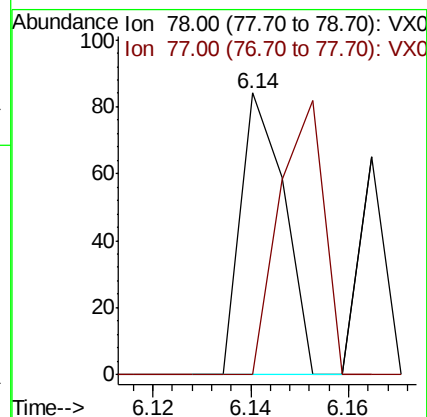
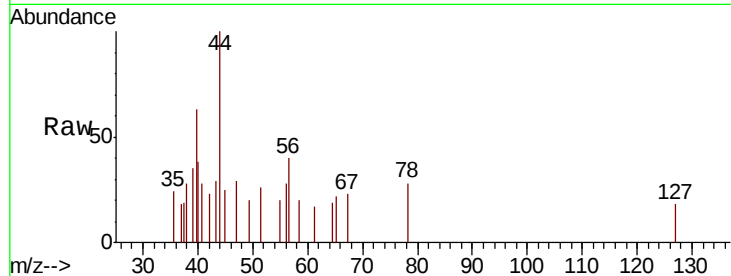
FL-0604DL

Tot Ion: 78 Resp: 52

Ion Ratio Lower Upper

78 100

77 0.0 18.6 28.0#



#41

Methacrylonitrile

Concen: 25.002 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Tgt Ion: 41 Resp: 337

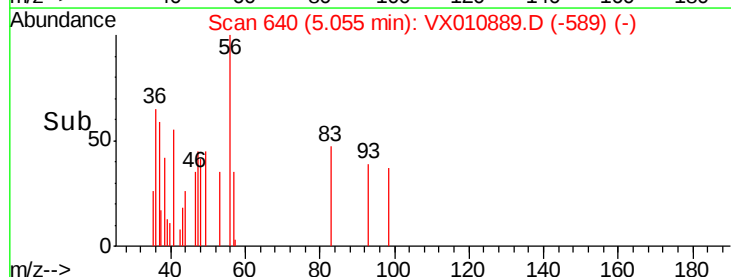
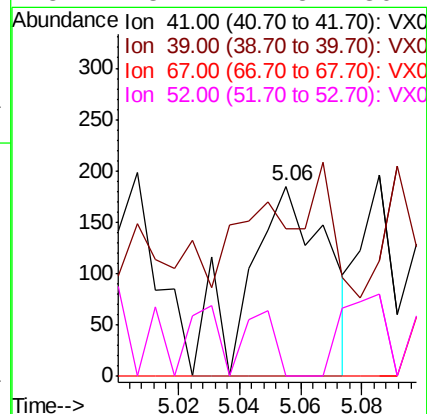
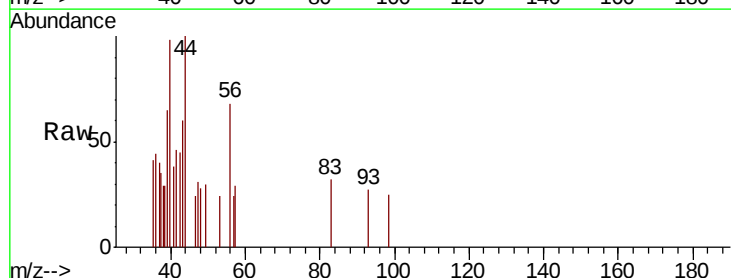
Ion Ratio Lower Upper

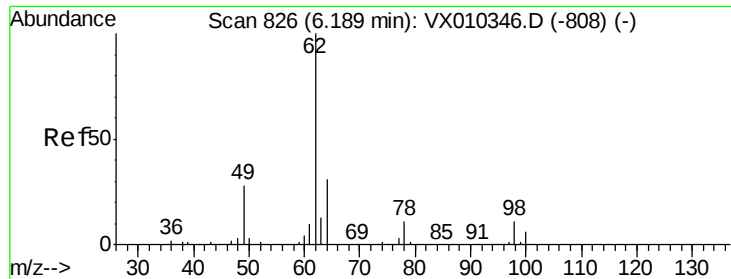
41 100

39 29.1 43.8 65.8#

67 0.0 66.6 100.0#

52 13.1 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 2.782 ug/l

RT: 6.23 min Scan# 832

Delta R.T. 0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

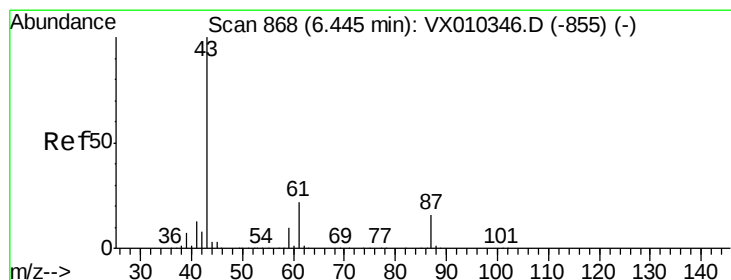
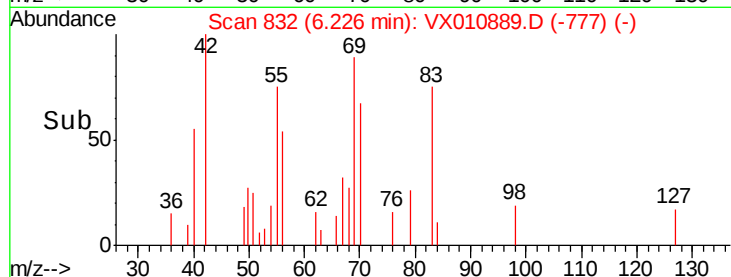
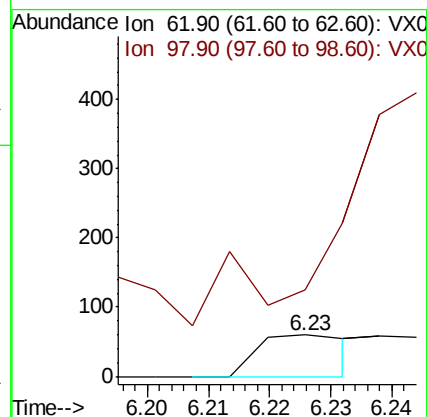
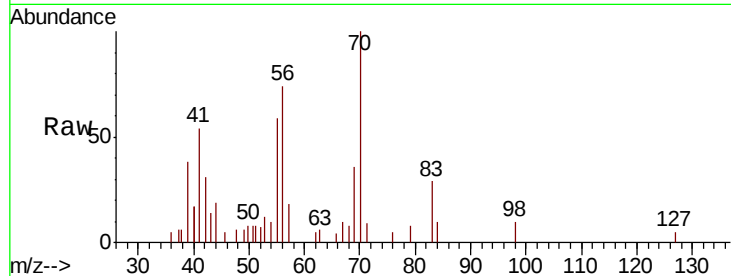
FL-0604DL

Tot Ion: 62 Resp: 63

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.2



#43

Isopropyl Acetate

Concen: 48.592 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

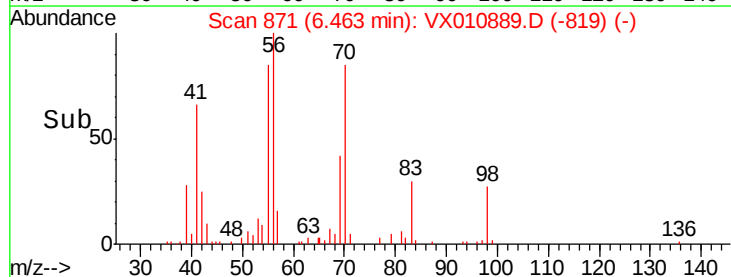
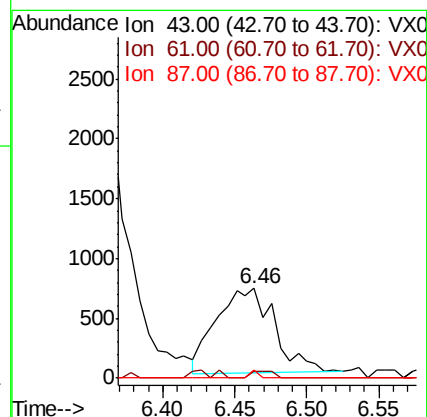
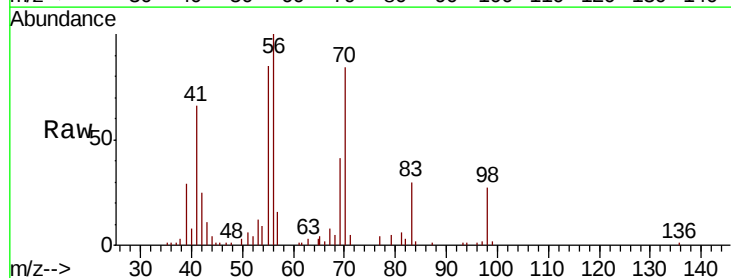
Tgt Ion: 43 Resp: 1975

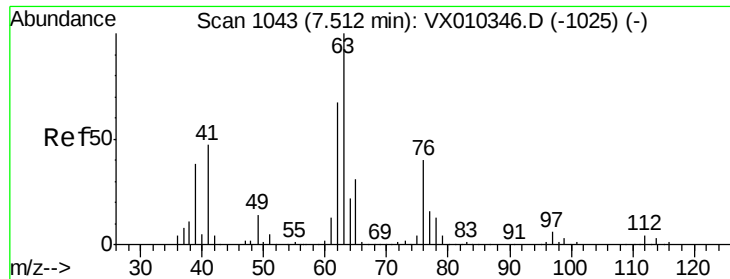
Ion Ratio Lower Upper

43 100

61 3.1 17.8 26.6#

87 1.3 13.0 19.4#





#45

1,2-Dichloropropane

Concen: 3.939 ug/l

RT: 7.54 min Scan# 1048

Delta R.T. 0.03 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

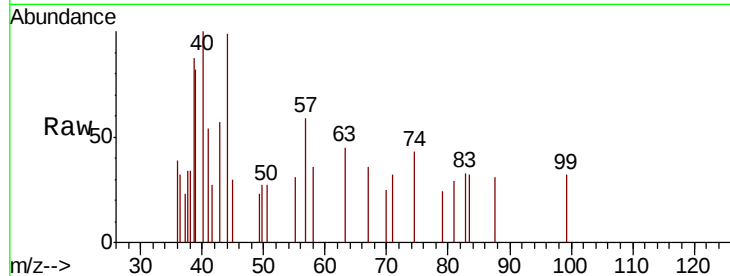
FL-0604DL

Tot Ion: 63 Resp: 74

Ion Ratio Lower Upper

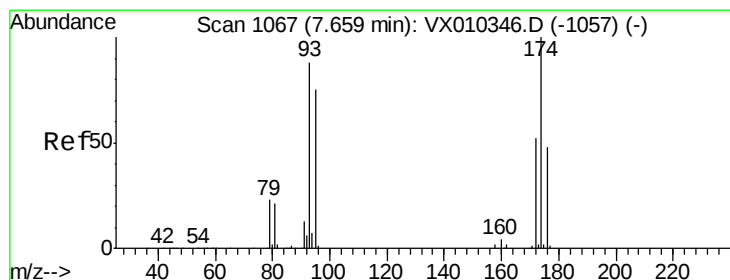
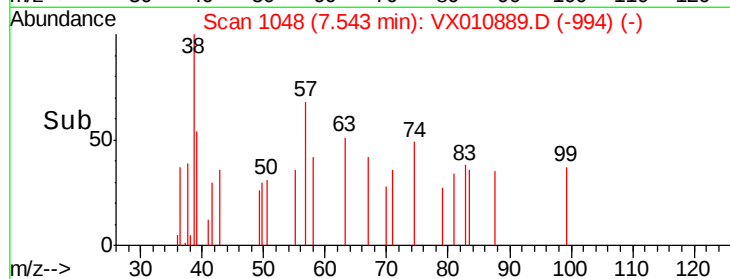
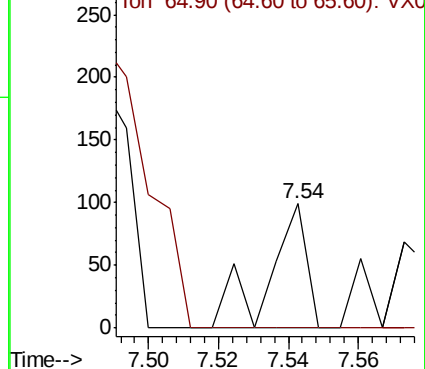
63 100

65 0.0 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: 3.709 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

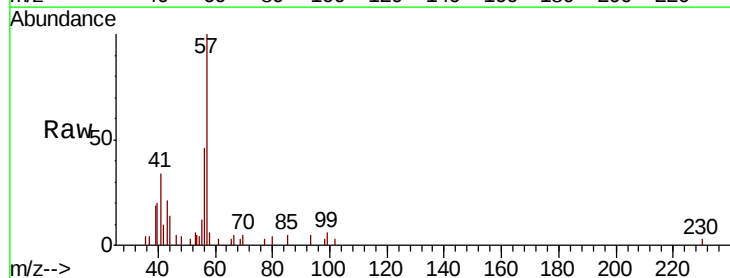
Tgt Ion: 93 Resp: 50

Ion Ratio Lower Upper

93 100

95 0.0 67.5 101.3#

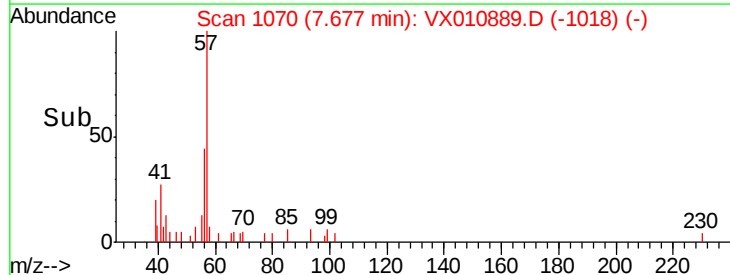
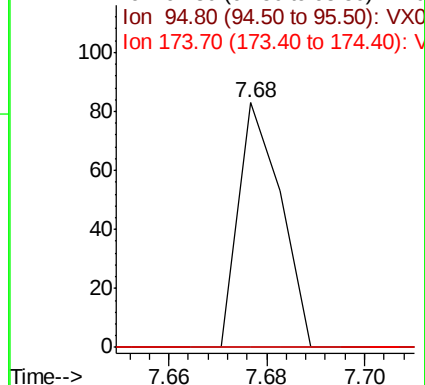
174 0.0 95.8 143.6#

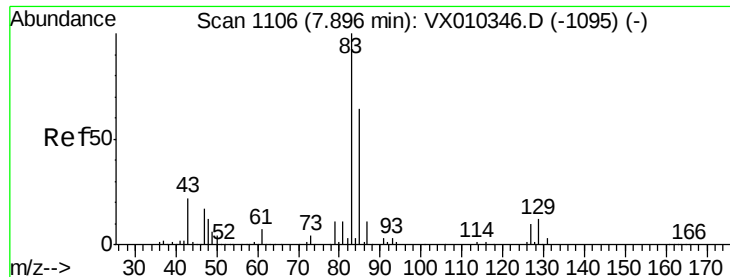


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 3.765 ug/l

RT: 7.93 min Scan# 1112

Delta R.T. 0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

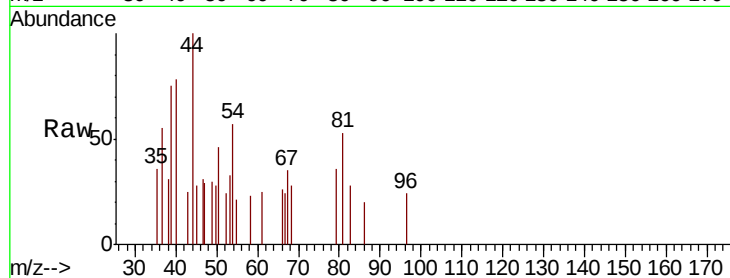
Tot Ion: 83 Resp: 93

Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

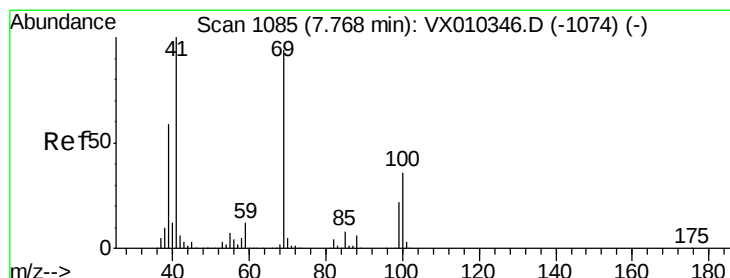
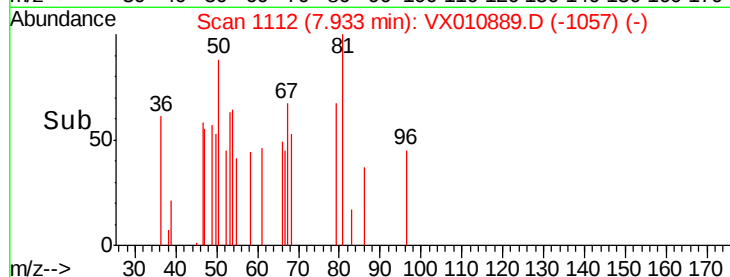
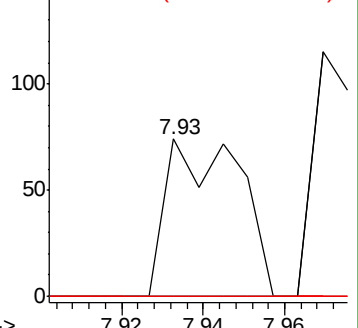
127 0.0 7.8 11.8#



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: 428.910 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

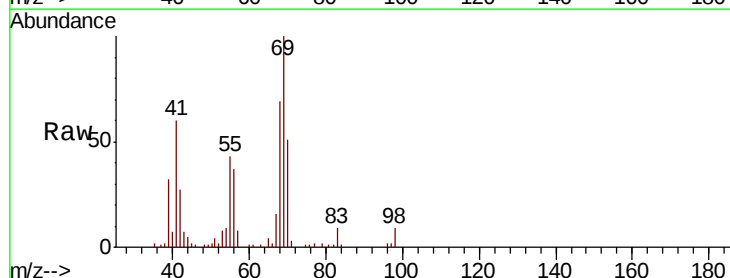
Tgt Ion: 41 Resp: 8103

Ion Ratio Lower Upper

41 100

69 155.0 76.1 114.1#

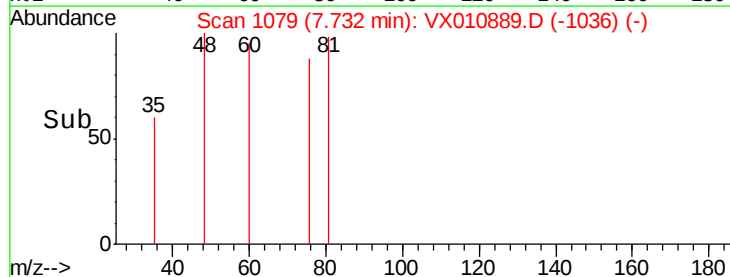
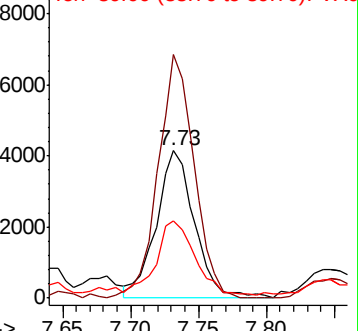
39 52.0 47.6 71.4

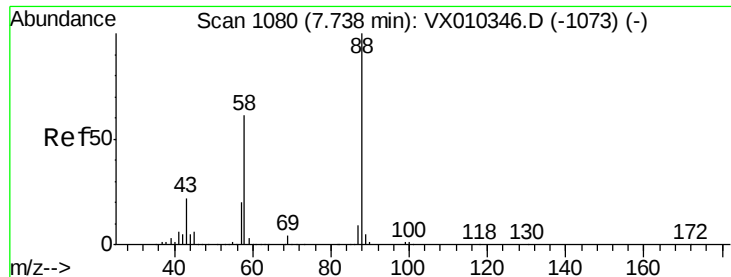


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

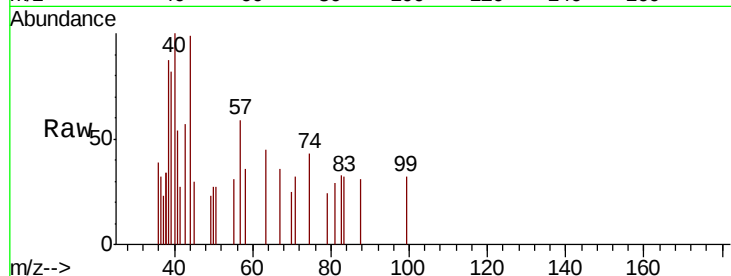




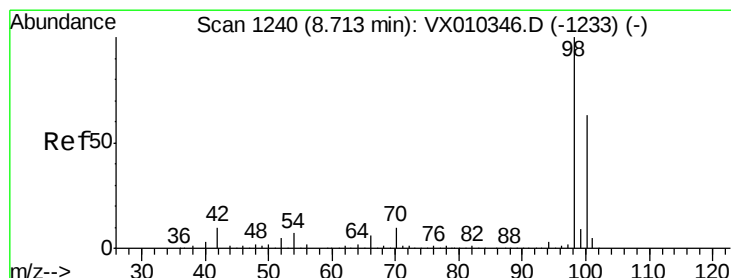
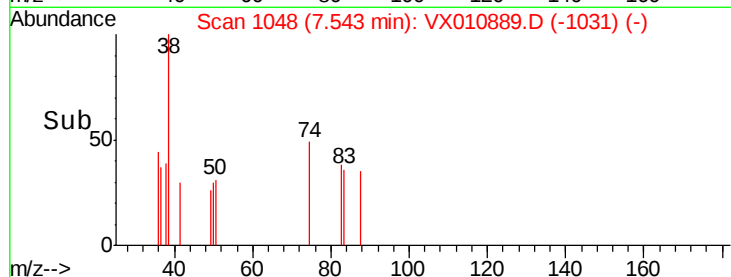
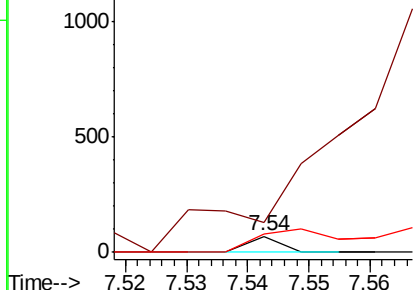
#49
1,4-Dioxane
Concen: 45.936 ug/l
RT: 7.54 min Scan# 1048
Delta R.T. -0.20 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

Tot Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 348.0 49.5 74.3#

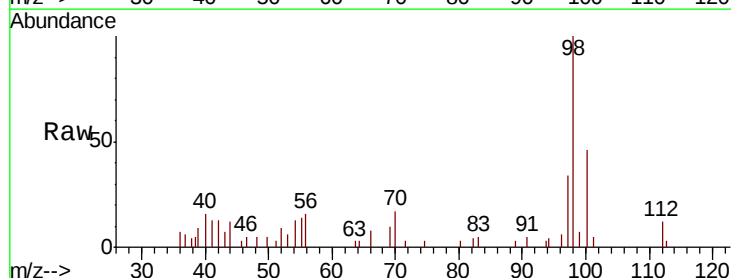


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

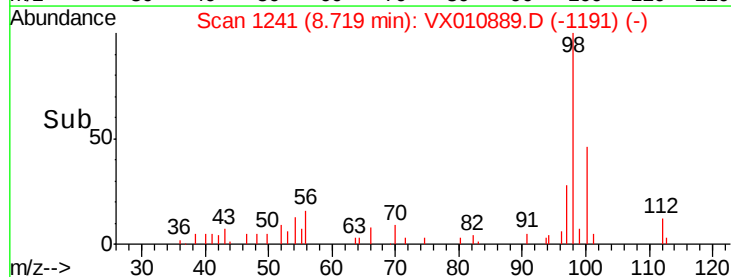
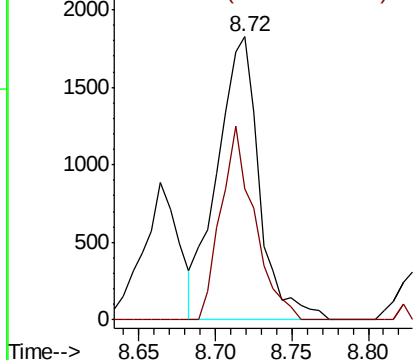


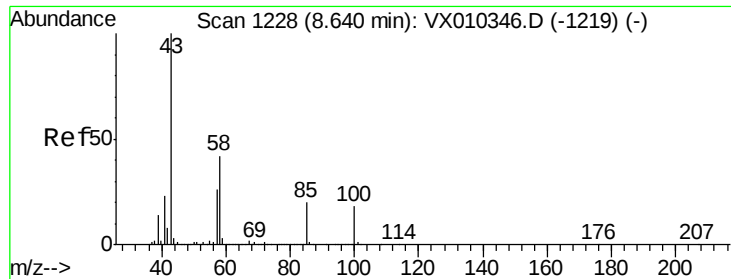
#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 98 Resp: 3481
Ion Ratio Lower Upper
98 100
100 54.7 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 90.635 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

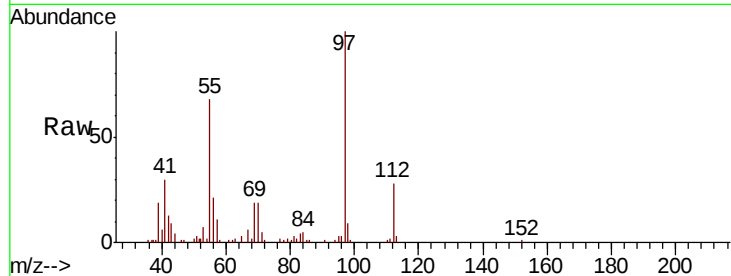
FL-0604DL

Tot Ion: 43 Resp: 2356

Ion Ratio Lower Upper

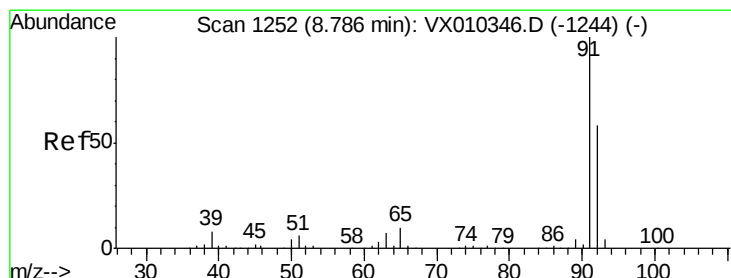
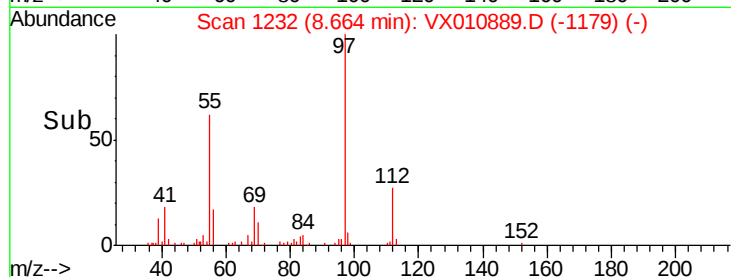
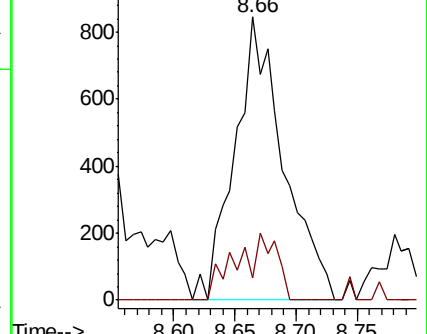
43 100

58 19.4 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.082 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010889.D

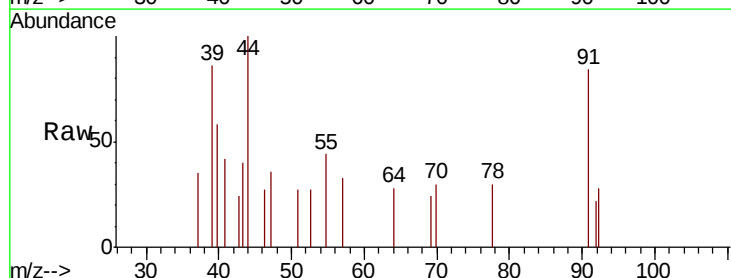
Acq: 15 Jul 2019 17:01

Tgt Ion: 92 Resp: 102

Ion Ratio Lower Upper

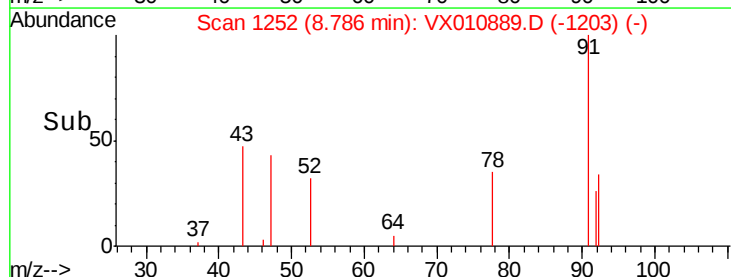
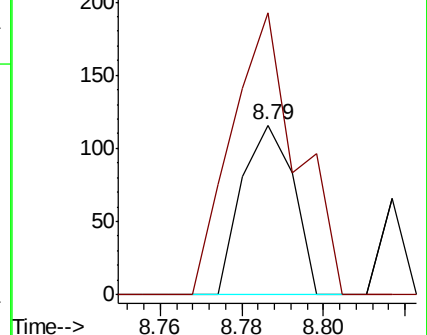
92 100

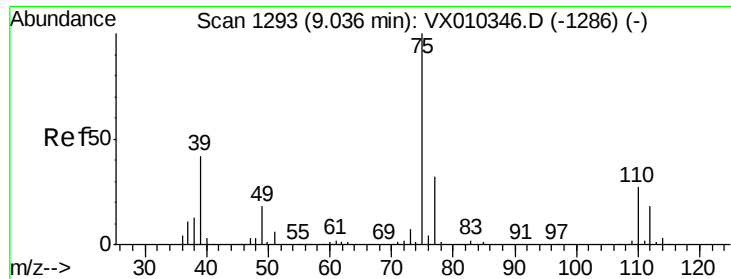
91 210.8 139.8 209.6#



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 0.867 ug/l

RT: 8.99 min Scan# 1286

Delta R.T. -0.04 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

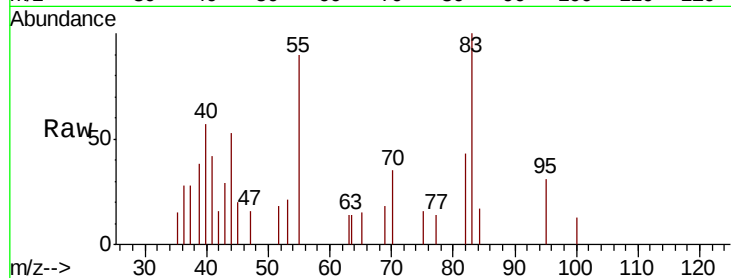
FL-0604DL

Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

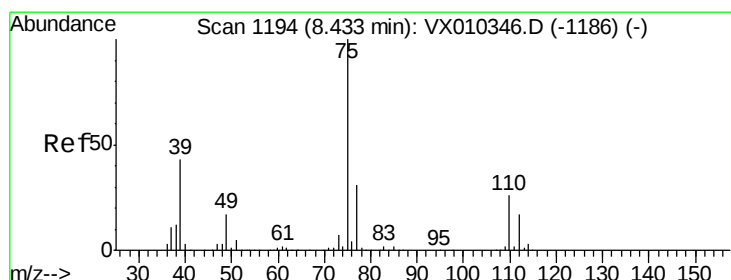
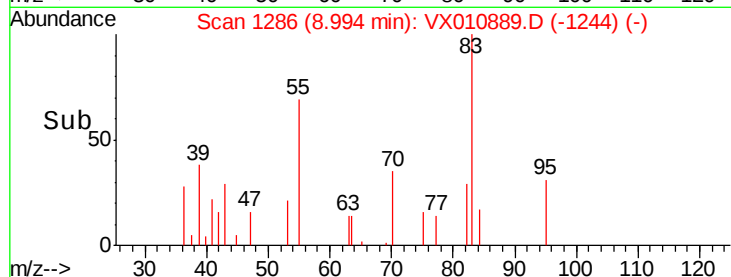
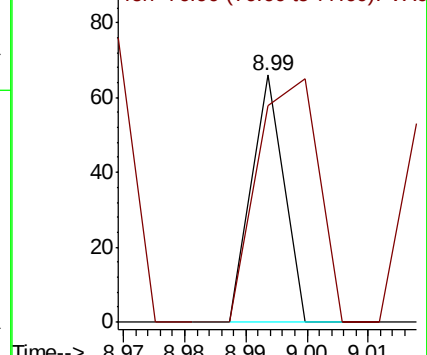
75 100

77 87.9 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.698 ug/l

RT: 8.26 min Scan# 1166

Delta R.T. -0.17 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

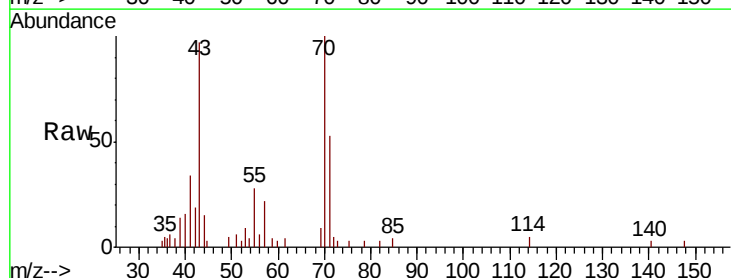
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

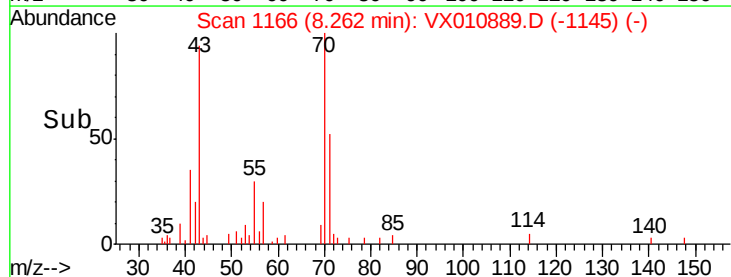
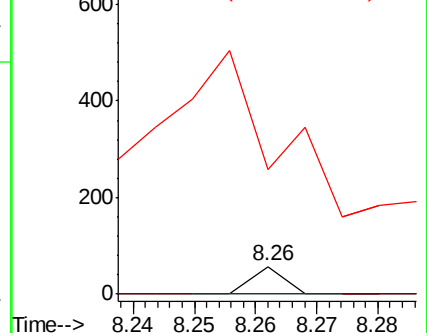
39 170.2 34.5 51.7#

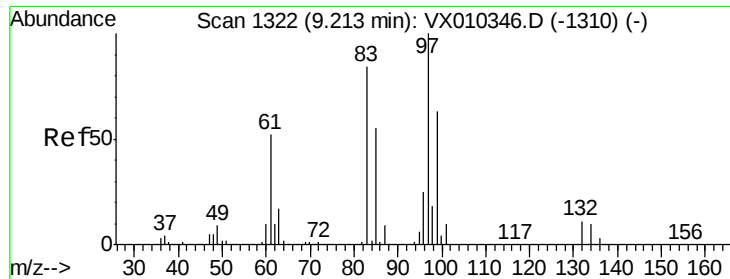


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

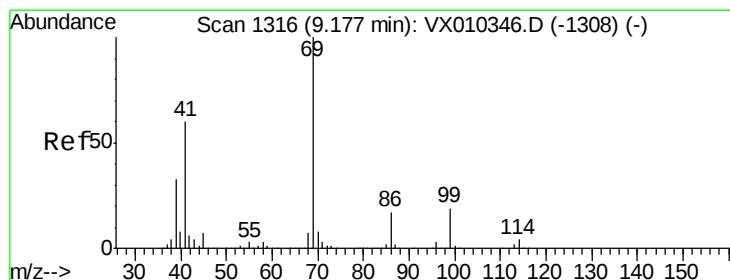
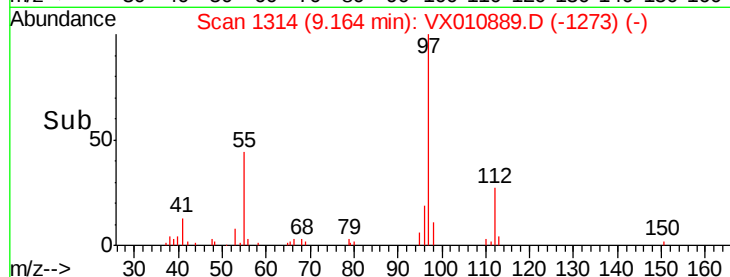
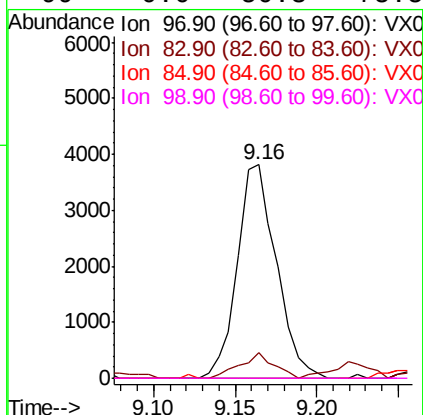
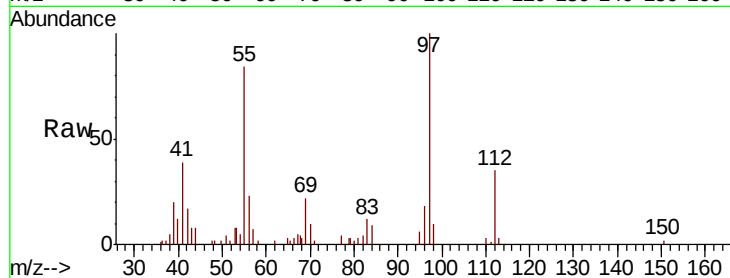




#55
 1,1,2-Trichloroethane
 Concen: 314.123 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

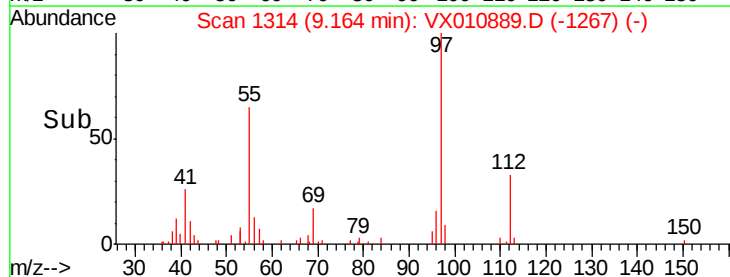
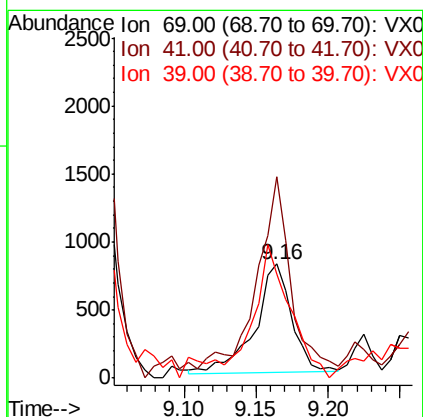
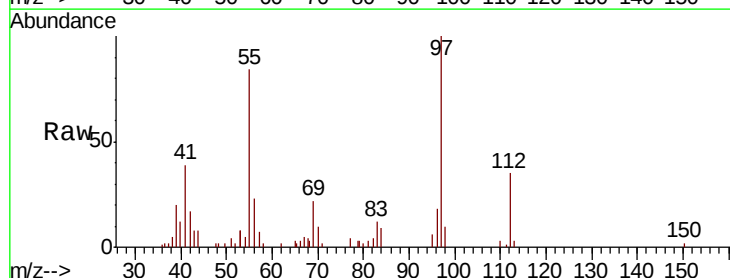
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

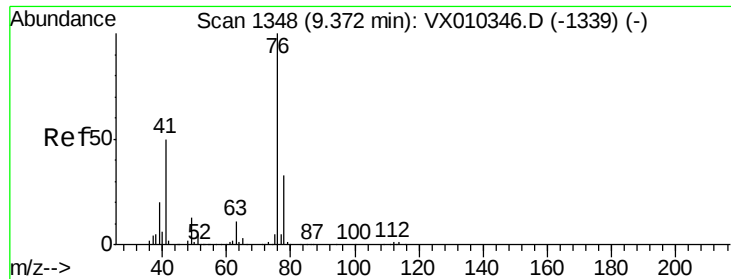
Tot Ion:	97	Resp:	6347
Ion	Ratio	Lower	Upper
97	100		
83	12.2	67.4	101.0#
85	0.0	43.8	65.8#
99	0.0	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 45.870 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion:	69	Resp:	1404
Ion	Ratio	Lower	Upper
69	100		
41	154.7	47.1	70.7#
39	120.4	26.6	40.0#

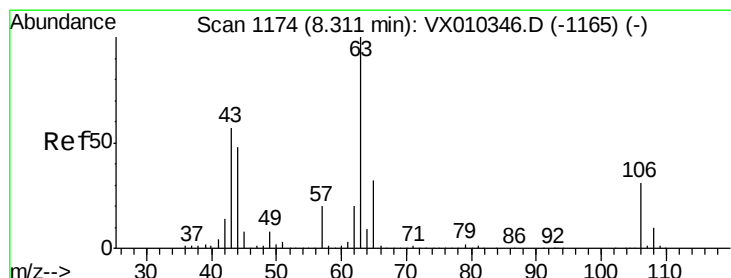
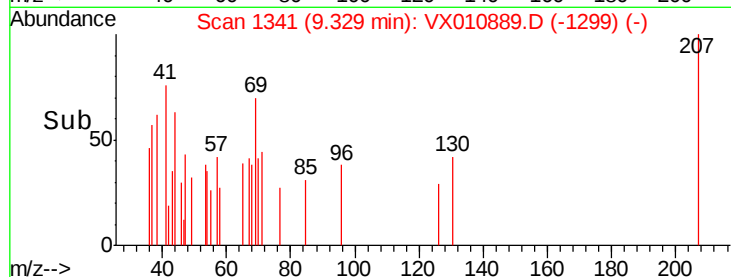
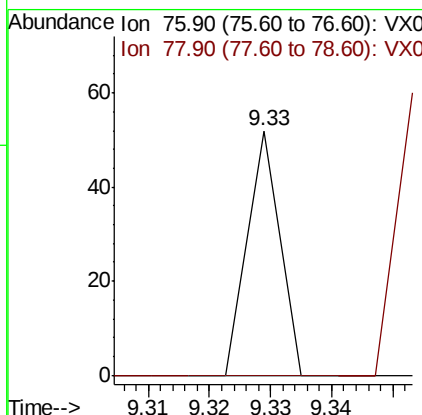
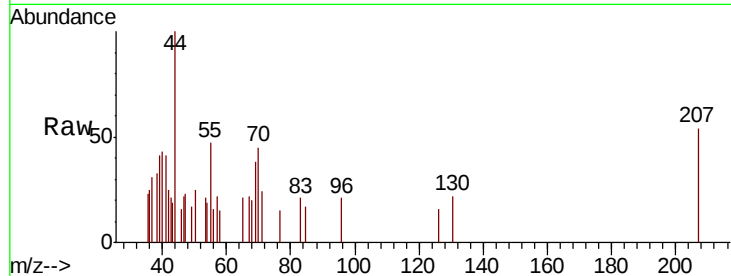




#57
 1,3-Dichloropropane
 Concen: 0.606 ug/l
 RT: 9.33 min Scan# 1341
 Delta R.T. -0.04 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

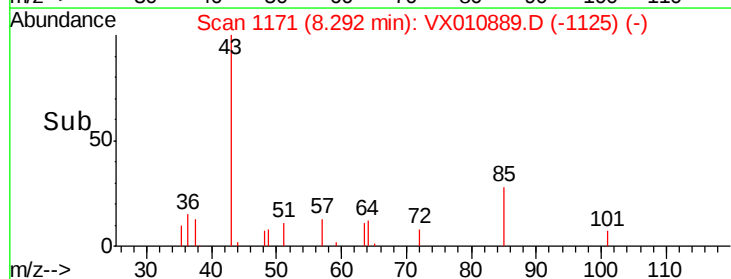
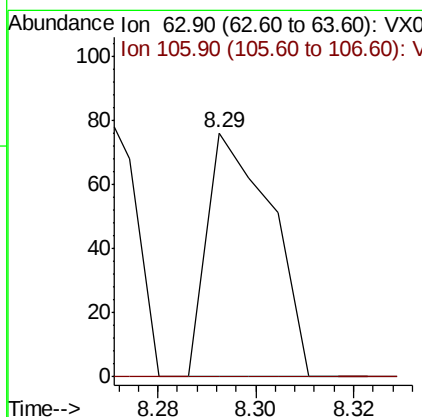
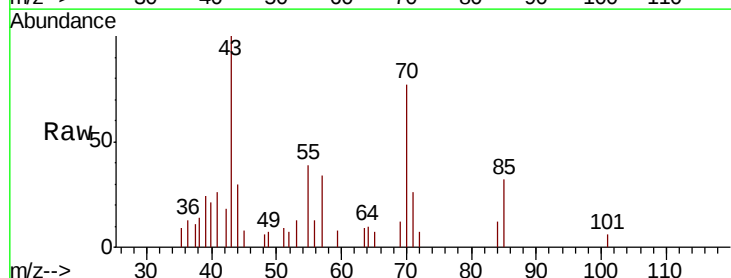
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604DL

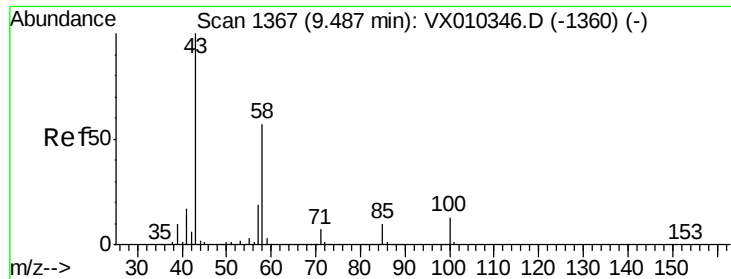
Tot Ion: 76 Resp: 19
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.747 ug/l
 RT: 8.29 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion: 63 Resp: 69
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#

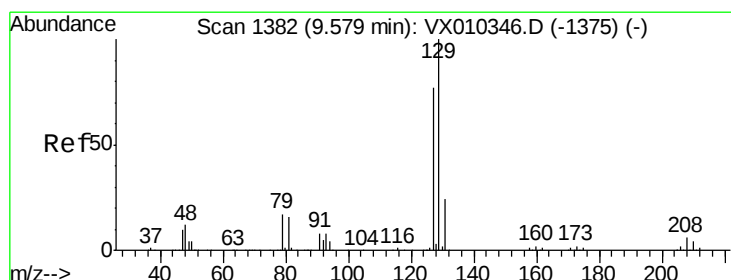
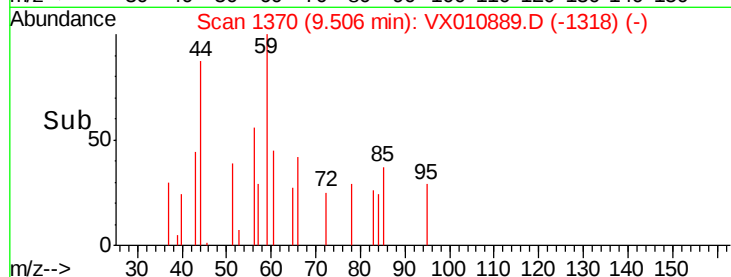
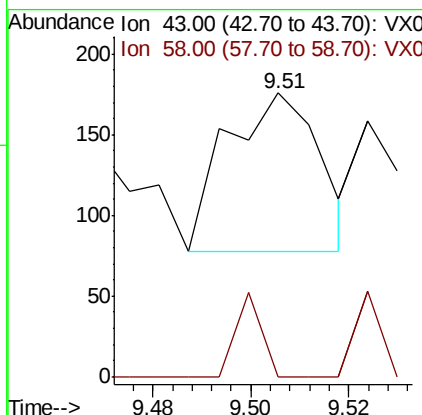
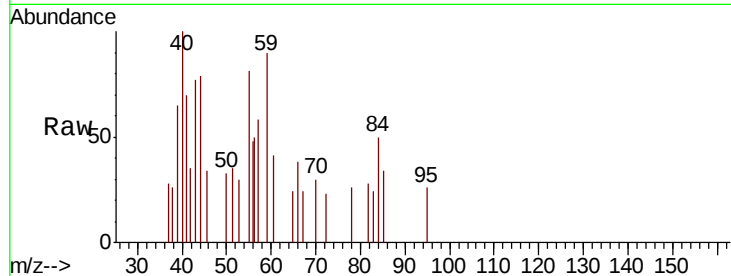




#59
2-Hexanone
Concen: 6.305 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

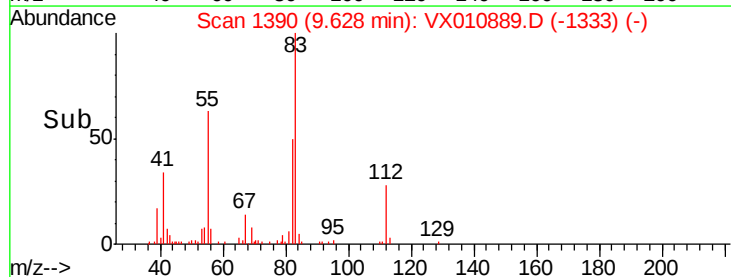
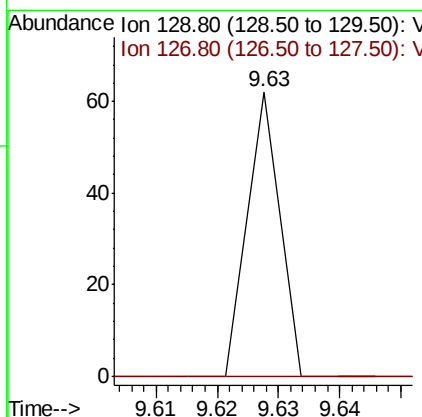
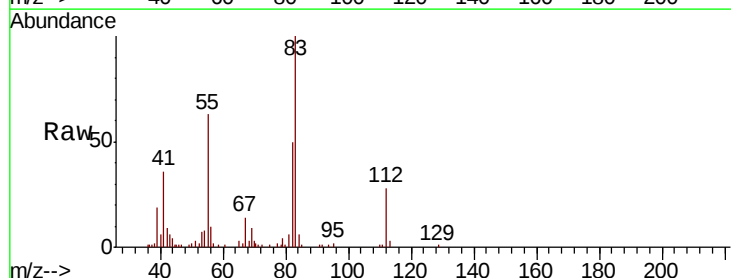
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

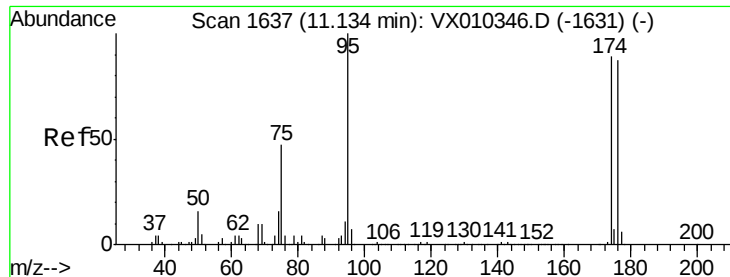
Tot Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 14.7 29.0 87.1#



#60
Dibromochloromethane
Concen: 1.017 ug/l
RT: 9.63 min Scan# 1390
Delta R.T. 0.05 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 61.430 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

FL-0604DL

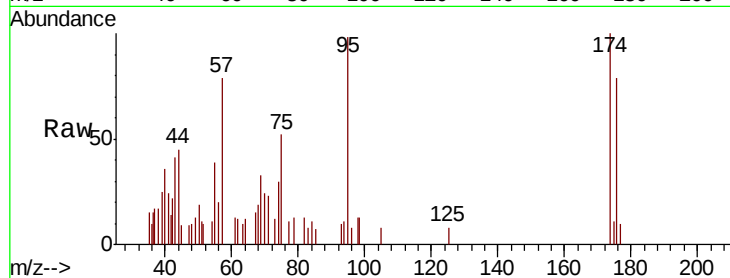
Tot Ion: 95 Resp: 1560

Ion Ratio Lower Upper

95 100

174 67.4 0.0 187.6

176 54.7 0.0 184.0



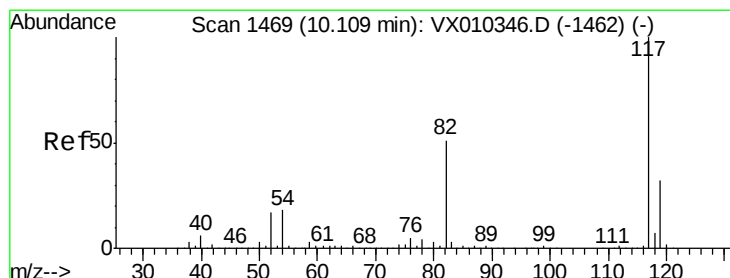
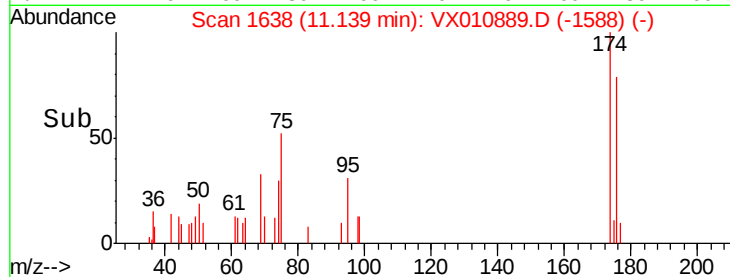
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

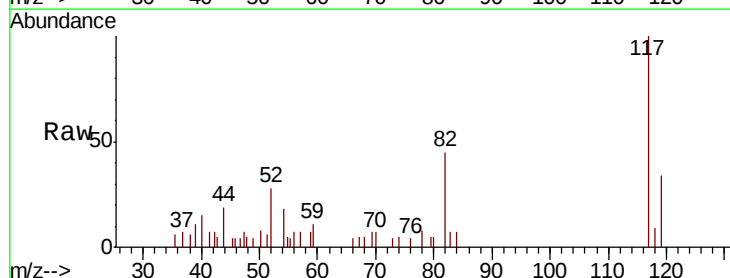
Tgt Ion: 117 Resp: 2068

Ion Ratio Lower Upper

117 100

82 41.1 41.2 61.8#

119 33.9 25.5 38.3



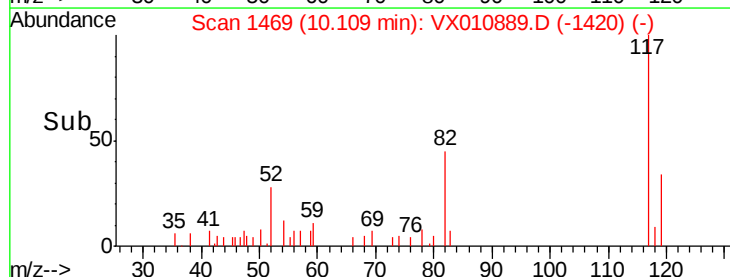
Abundance Ion 116.90 (116.60 to 117.60): V

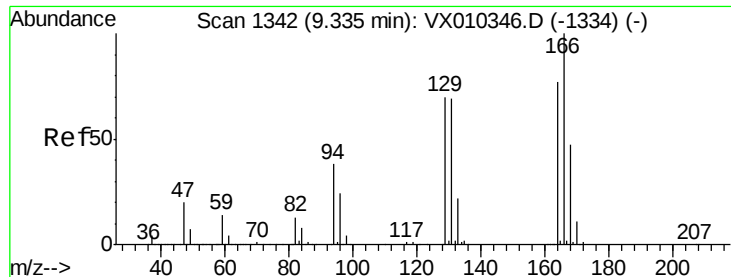
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->





#64

Tetrachloroethene

Concen: 1.196 ug/l

RT: 9.44 min Scan# 1360

Delta R.T. 0.11 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

Tot Ion:164 Resp: 20

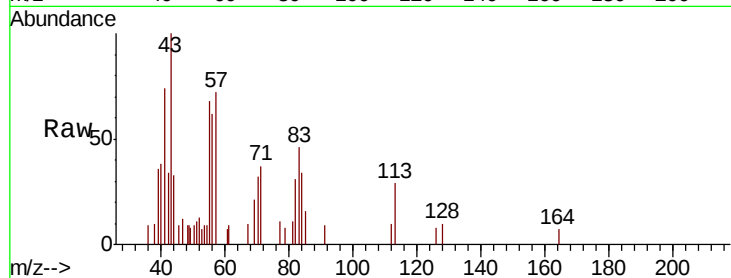
Ion Ratio Lower Upper

164 100

166 0.0 103.6 155.4#

129 0.0 73.0 109.4#

131 0.0 71.0 106.4#

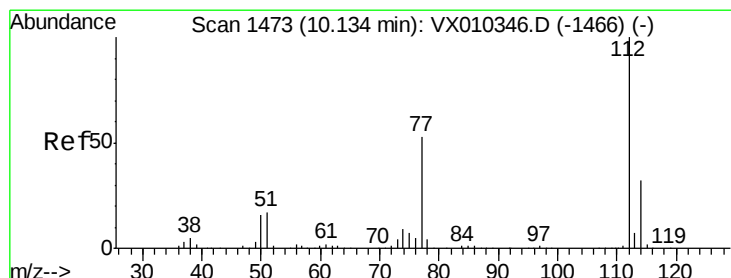
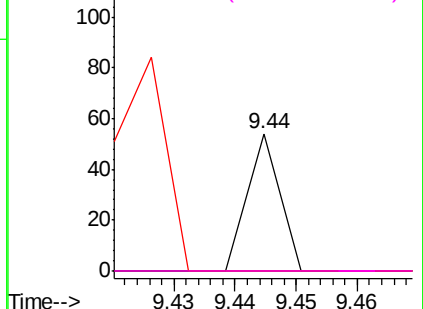
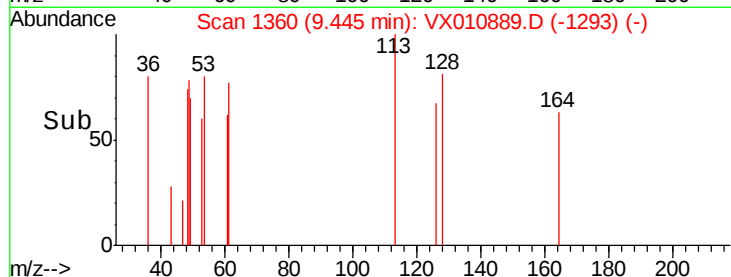


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.239 ug/l

RT: 10.13 min Scan# 1472

Delta R.T. -0.01 min

Lab File: VX010889.D

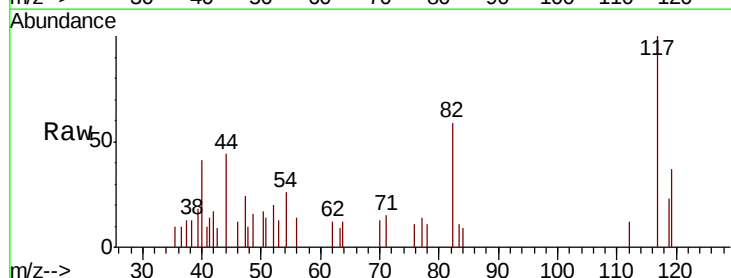
Acq: 15 Jul 2019 17:01

Tgt Ion:112 Resp: 52

Ion Ratio Lower Upper

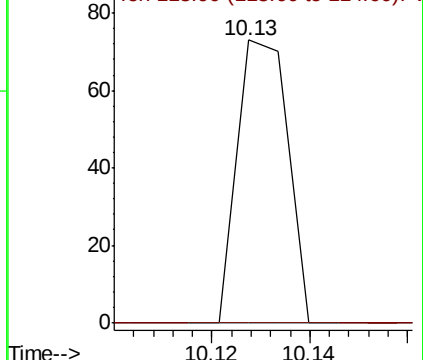
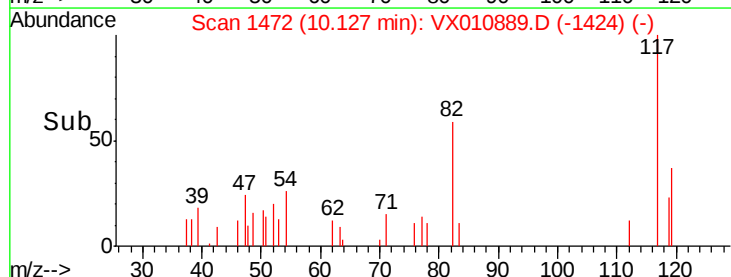
112 100

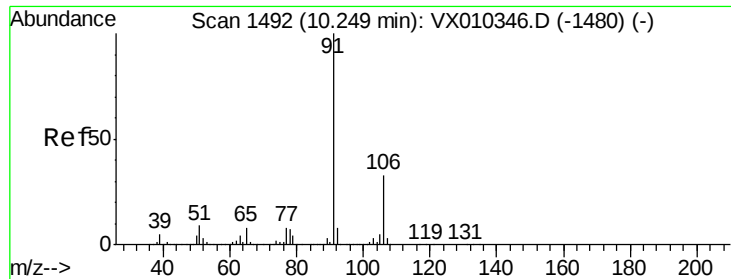
114 0.0 25.4 38.2#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

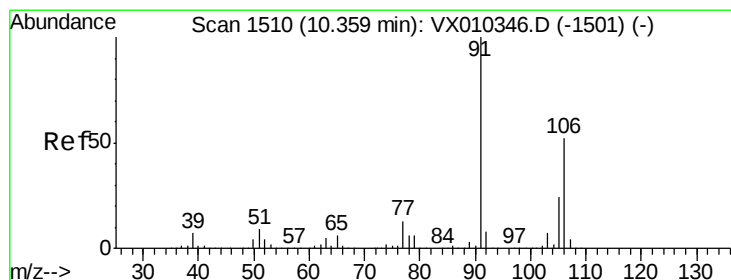
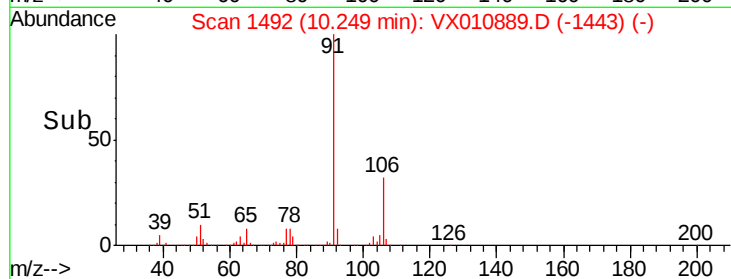
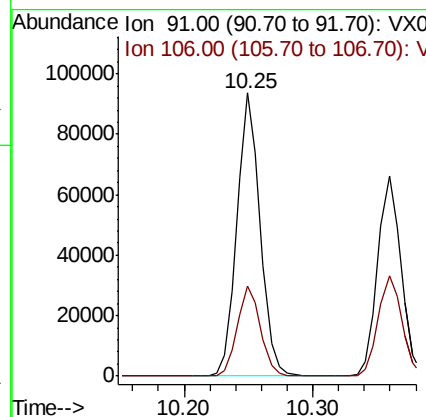
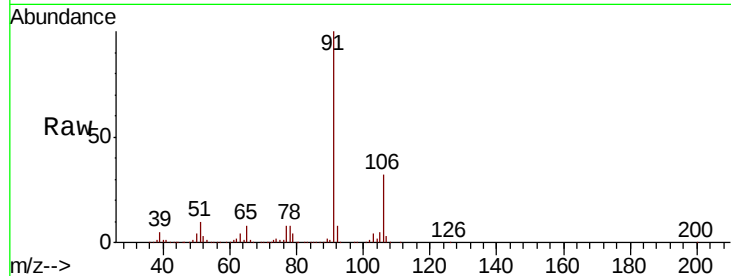




#67
Ethyl Benzene
Concen: 1660.243 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

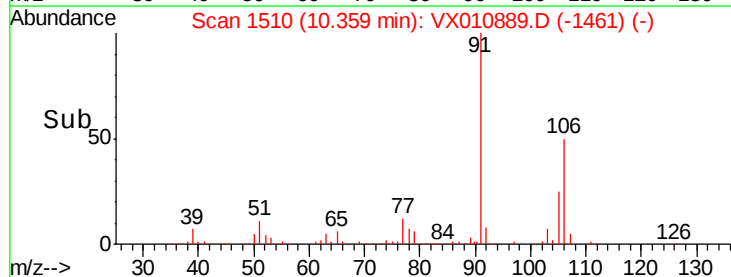
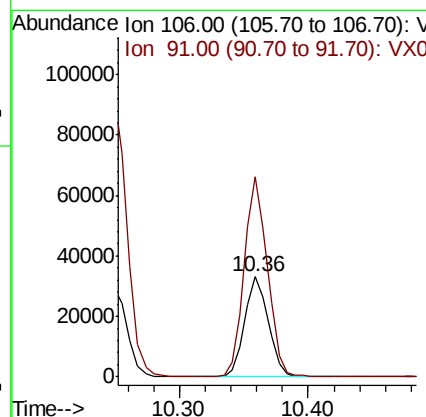
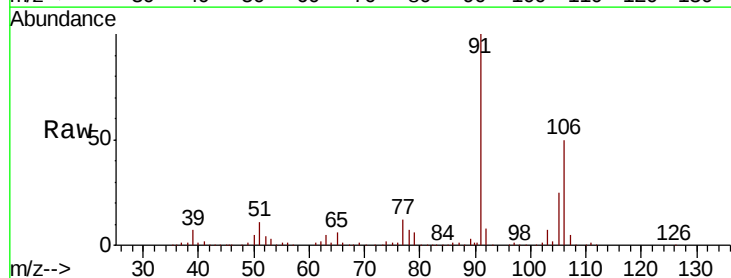
Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

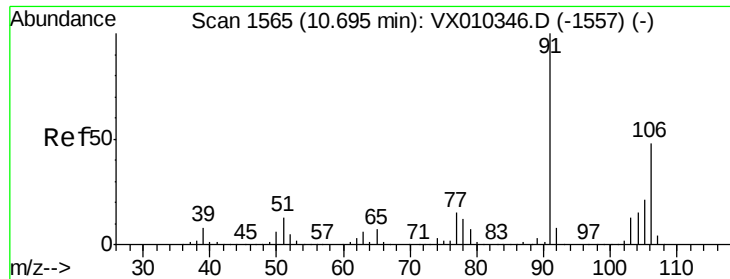
Tot Ion: 91 Resp: 117676
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2



#68
m/p-Xylenes
Concen: 1535.368 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion: 106 Resp: 42167
Ion Ratio Lower Upper
106 100
91 195.1 155.3 232.9

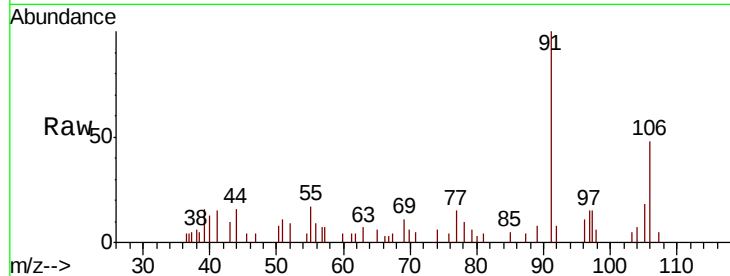




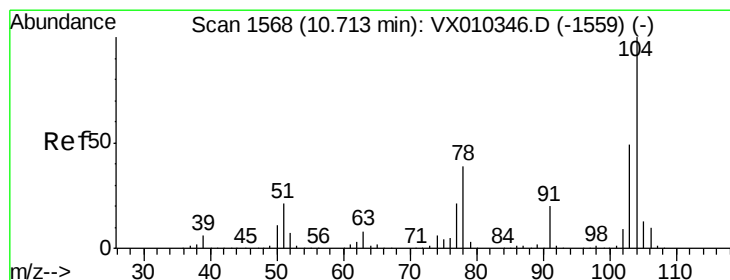
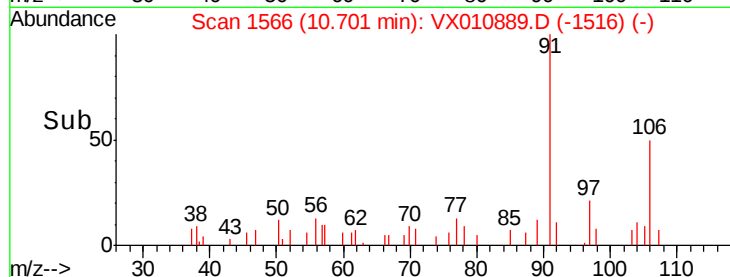
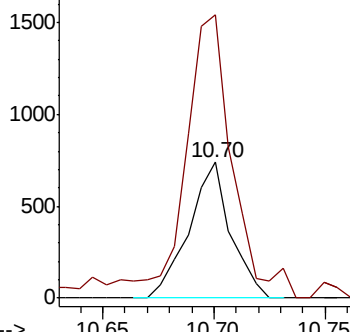
#69
o-Xylene
Concen: 35.693 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

Tot Ion:106 Resp: 964
Ion Ratio Lower Upper
106 100
91 230.7 102.7 308.1

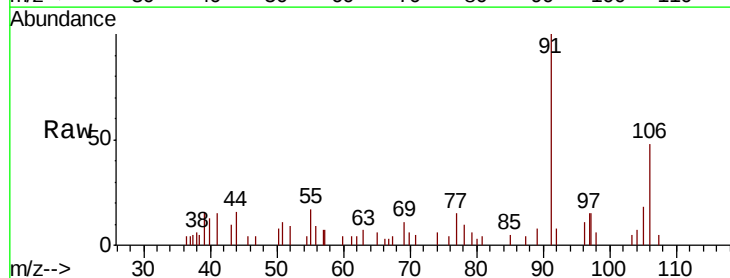


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

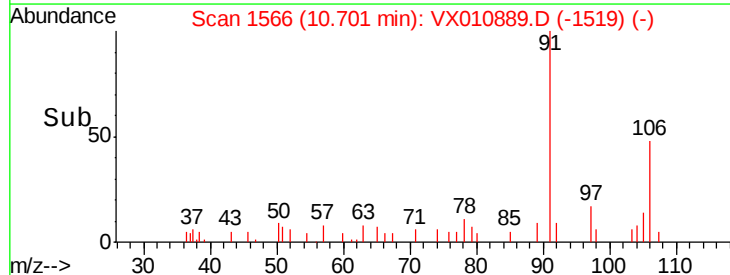
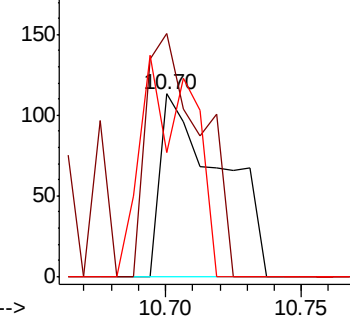


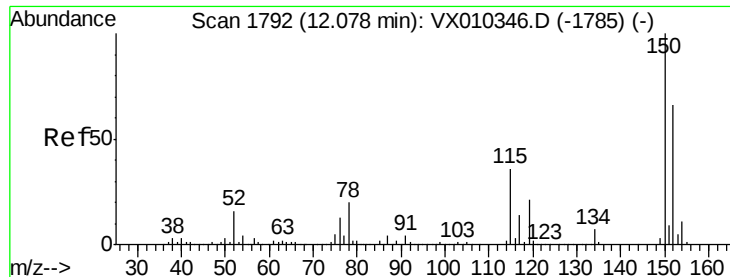
#70
Styrene
Concen: 3.842 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010889.D
Acq: 15 Jul 2019 17:01

Tgt Ion:104 Resp: 174
Ion Ratio Lower Upper
104 100
78 121.3 36.2 54.2#
103 102.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

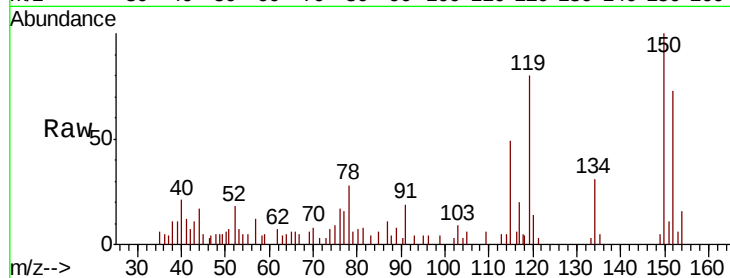
Tot Ion:152 Resp: 1810

Ion Ratio Lower Upper

152 100

115 128.6 38.6 115.7#

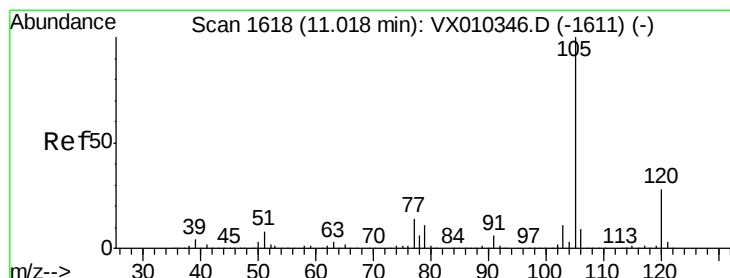
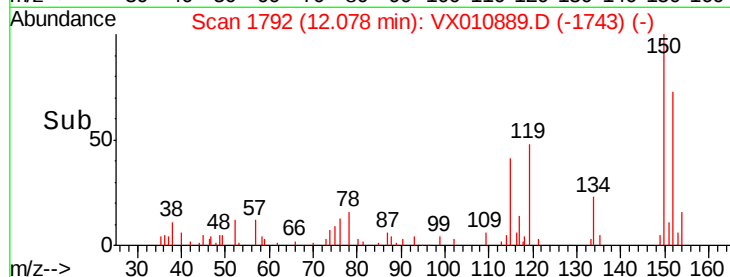
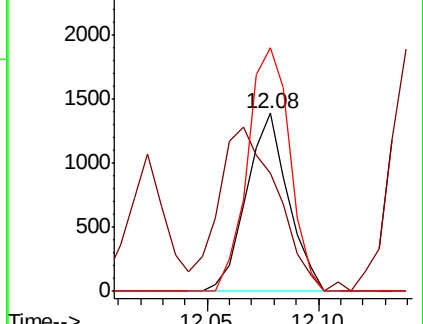
150 138.2 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 448.223 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010889.D

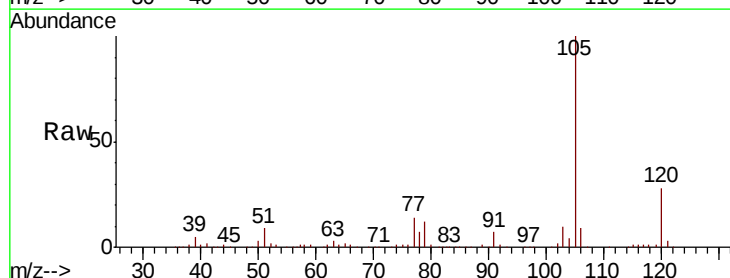
Acq: 15 Jul 2019 17:01

Tgt Ion:105 Resp: 54995

Ion Ratio Lower Upper

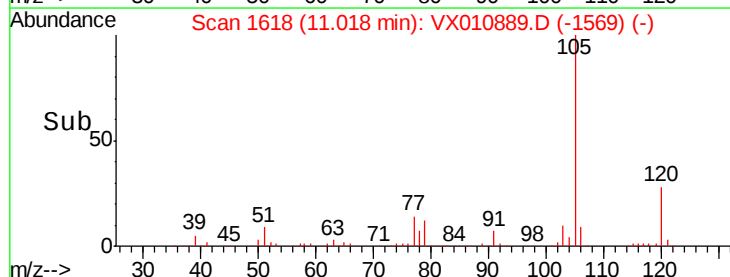
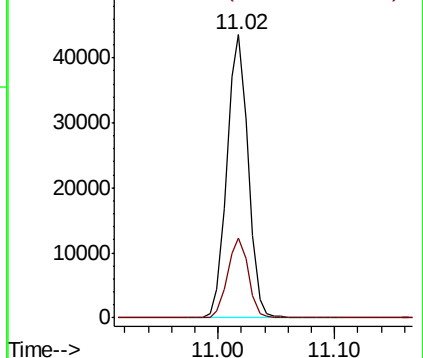
105 100

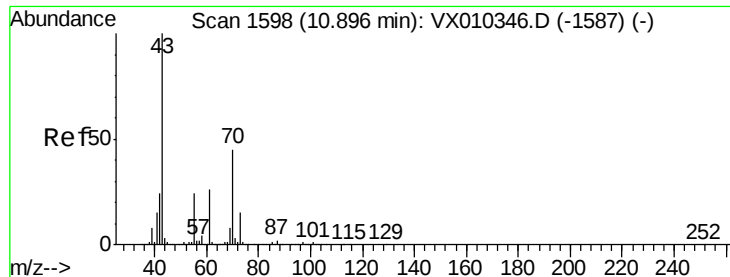
120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 10.783 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

Tot Ion: 43 Resp: 500

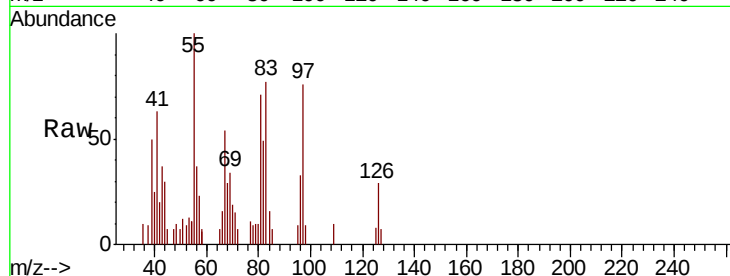
Ion Ratio Lower Upper

43 100

70 110.4 36.6 54.8#

55 534.2 18.7 28.1#

61 0.0 20.6 31.0#

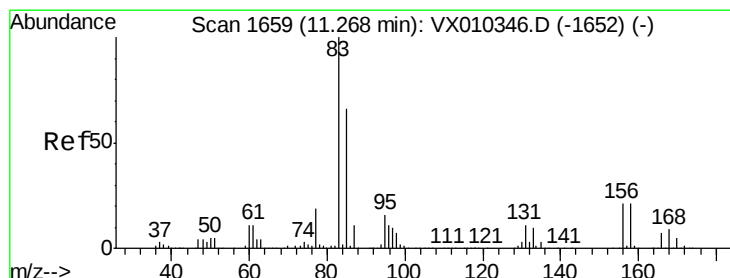
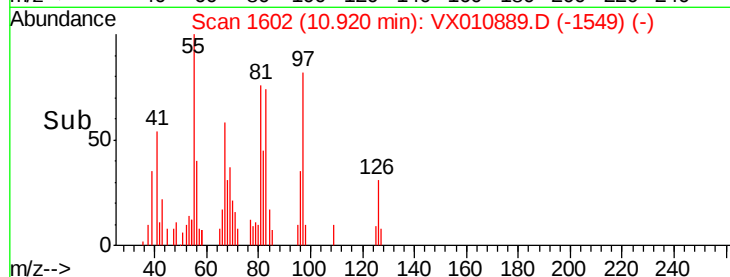
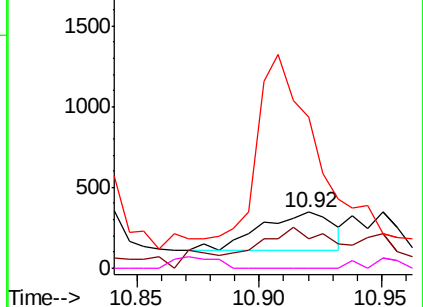


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 14.889 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

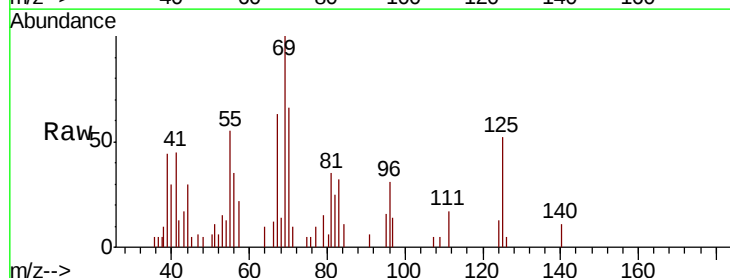
Tgt Ion: 83 Resp: 605

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

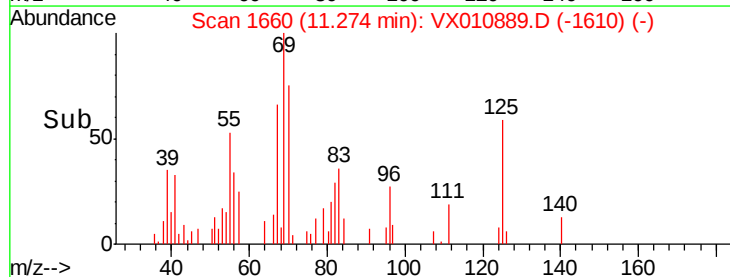
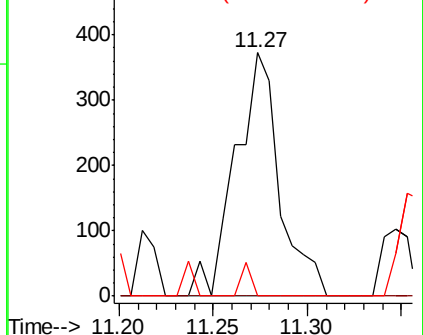
85 3.1 32.3 96.8#

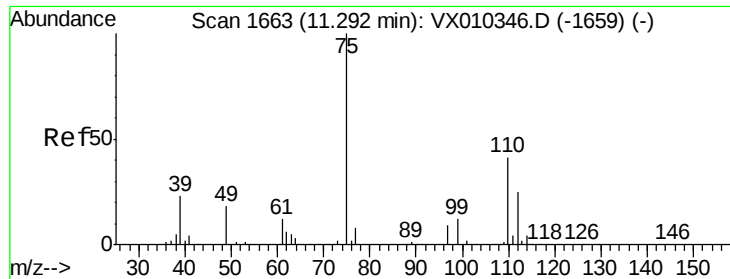


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.819 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

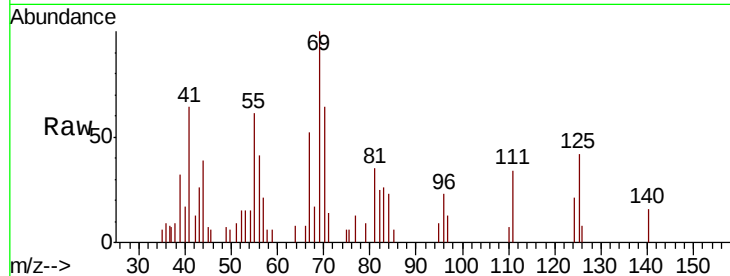
FL-0604DL

Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

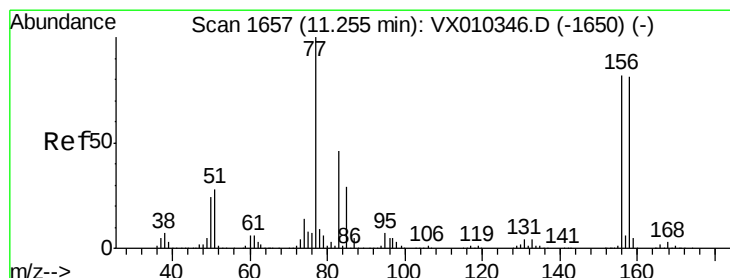
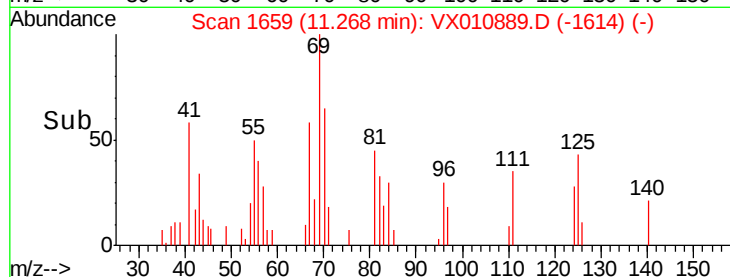
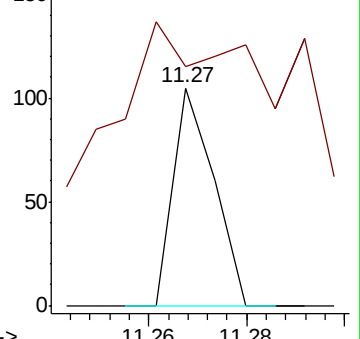
75 100

77 0.0 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 0.671 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.18 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

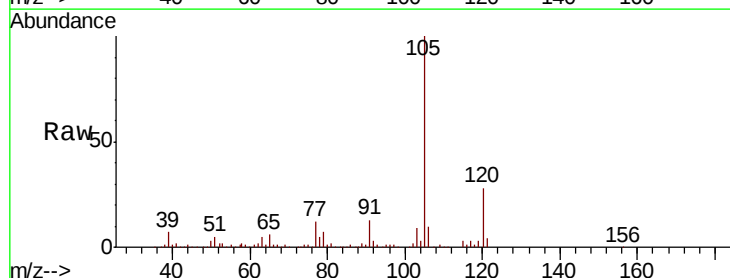
Tgt Ion: 156 Resp: 23

Ion Ratio Lower Upper

156 100

77 78273.9 66.3 198.7#

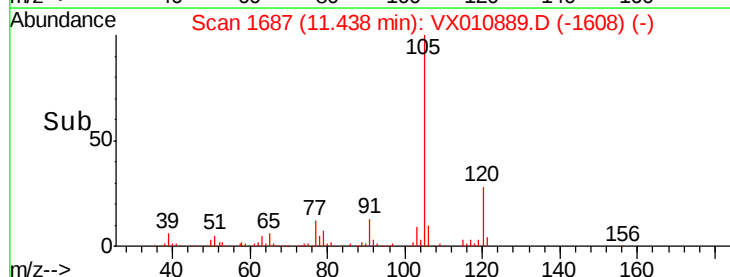
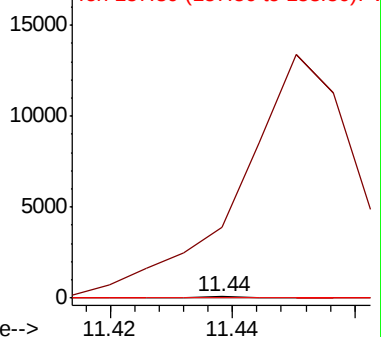
158 0.0 48.9 146.7#

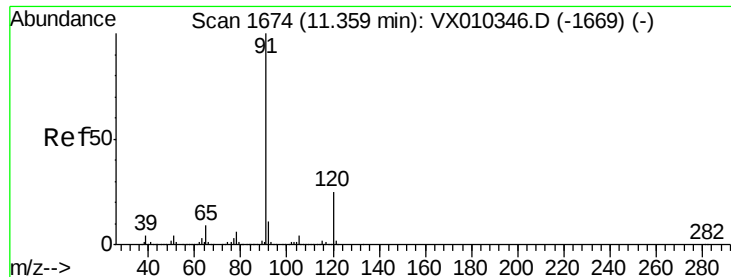


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 889.075 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

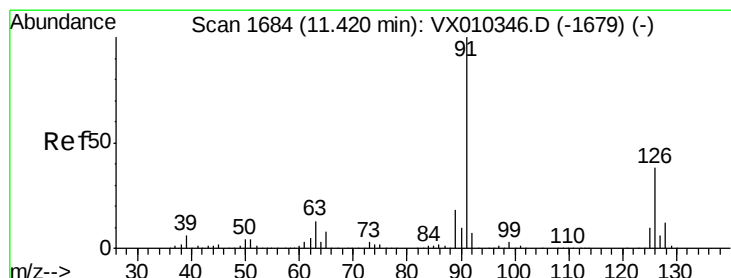
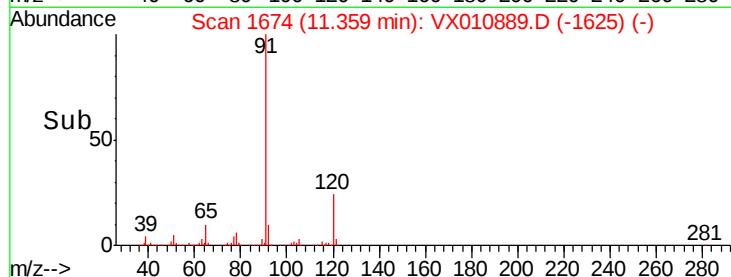
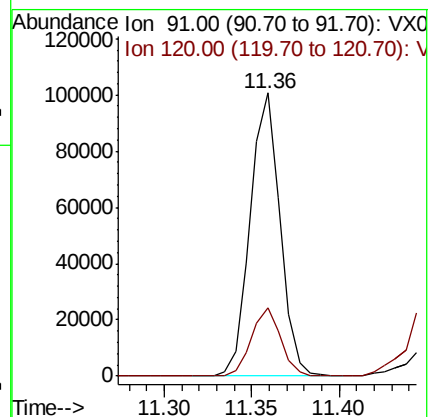
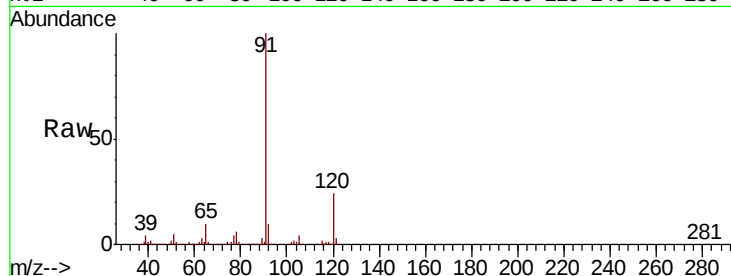
FL-0604DL

Tot Ion: 91 Resp: 119890

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.4



#79

2-Chlorotoluene

Concen: 242.470 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010889.D

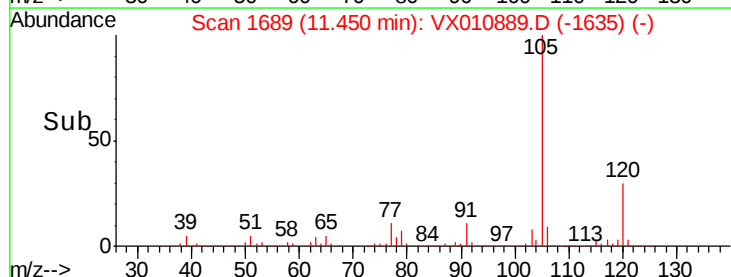
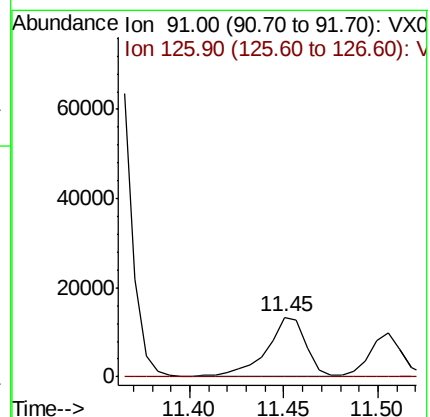
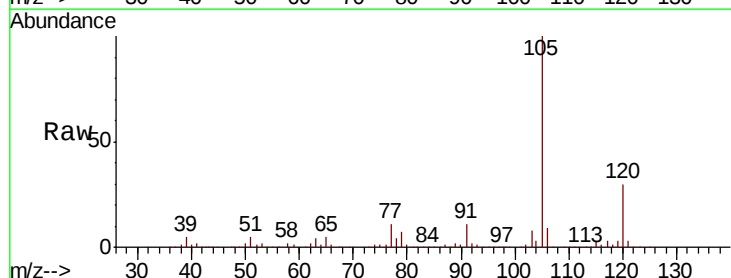
Acq: 15 Jul 2019 17:01

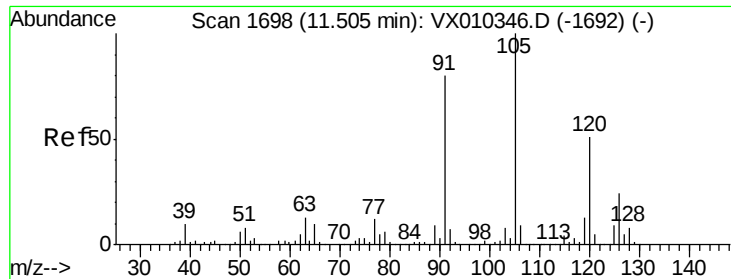
Tgt Ion: 91 Resp: 19470

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 1040.962 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

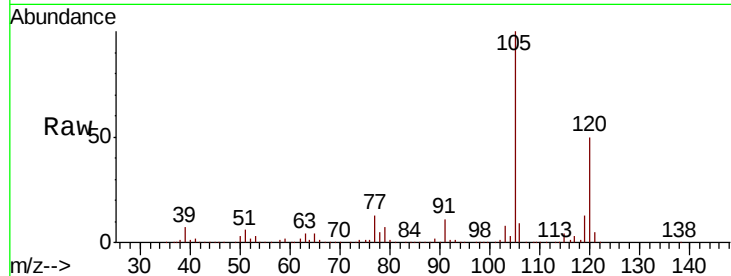
FL-0604DL

Tot Ion:105 Resp: 105291

Ion Ratio Lower Upper

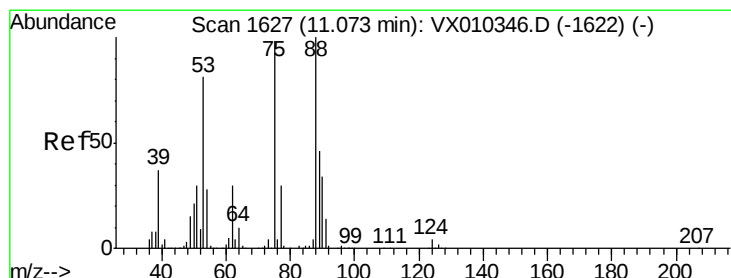
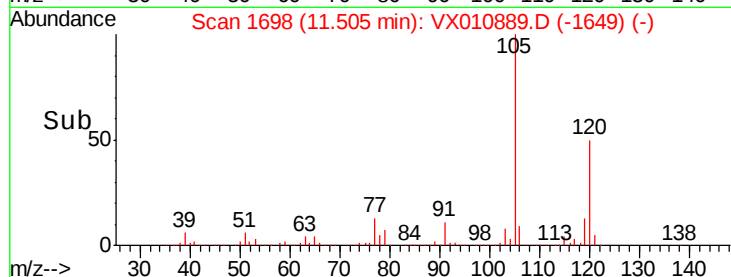
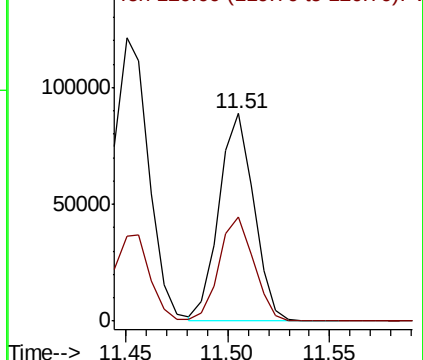
105 100

120 50.1 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: 50.148 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

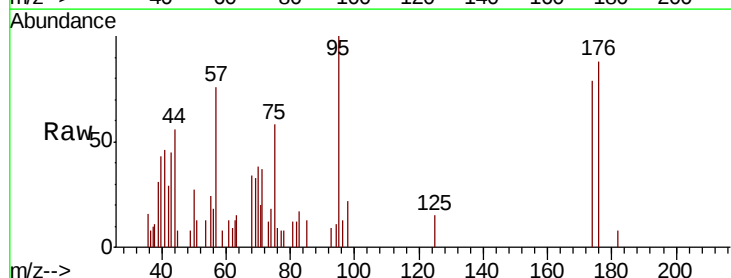
Tgt Ion: 75 Resp: 709

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

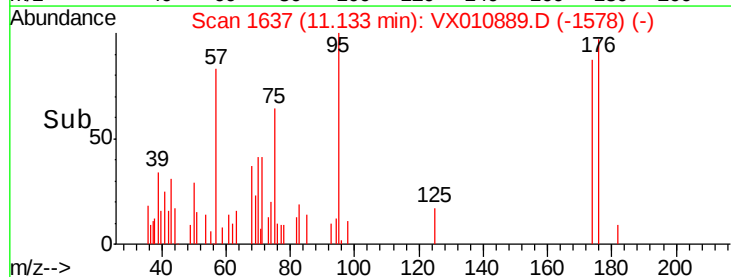
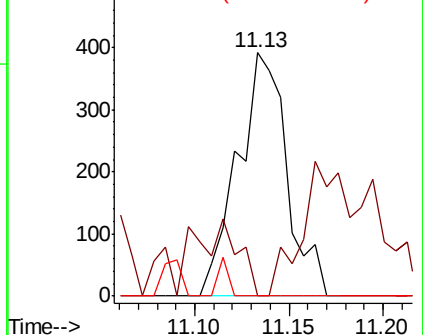
89 0.0 37.8 56.6#

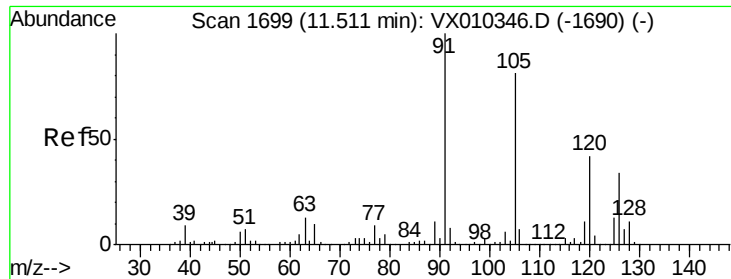


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 129.723 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

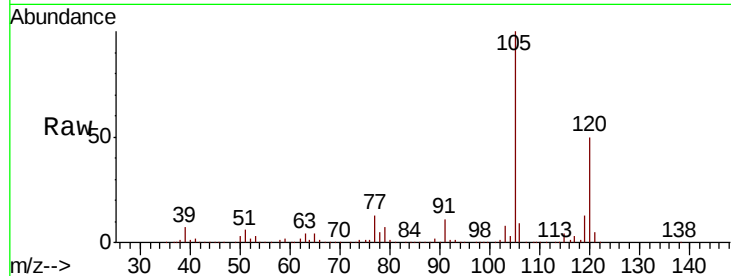
FL-0604DL

Tot Ion: 91 Resp: 11853

Ion Ratio Lower Upper

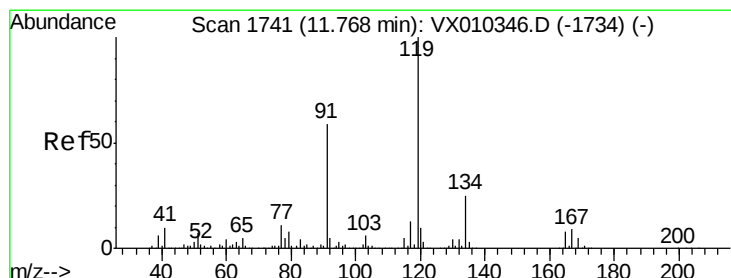
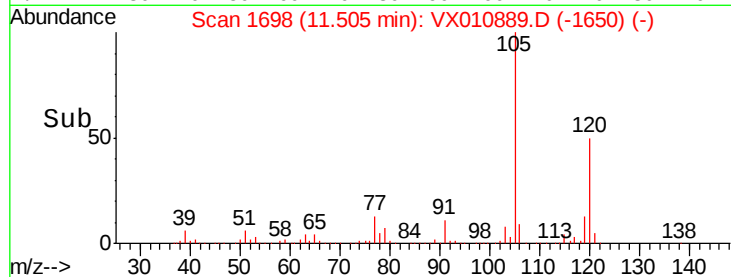
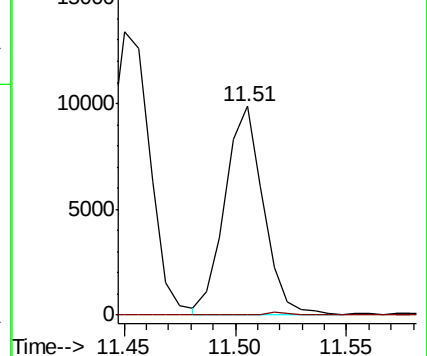
91 100

126 0.6 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 16.588 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

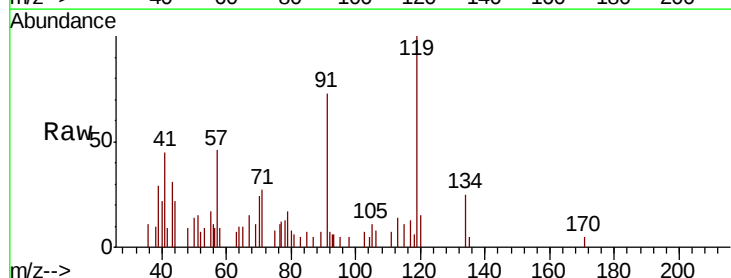
Tgt Ion: 119 Resp: 1684

Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

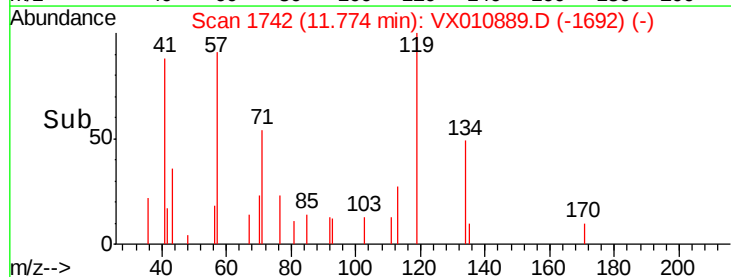
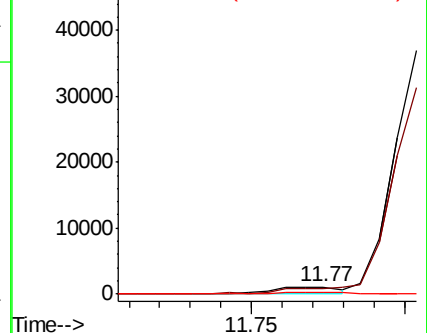
134 25.5 11.8 35.4

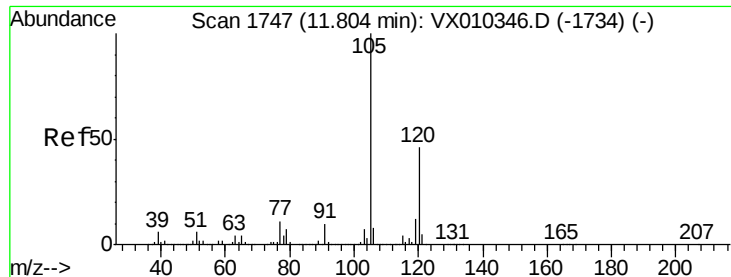


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

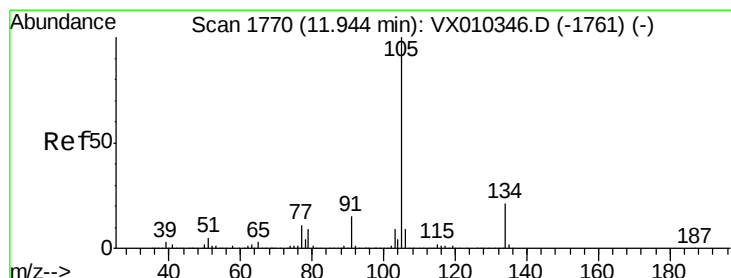
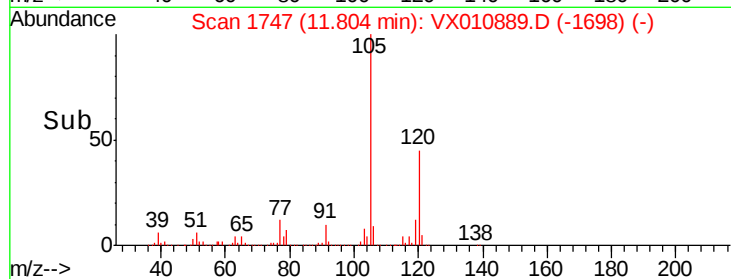
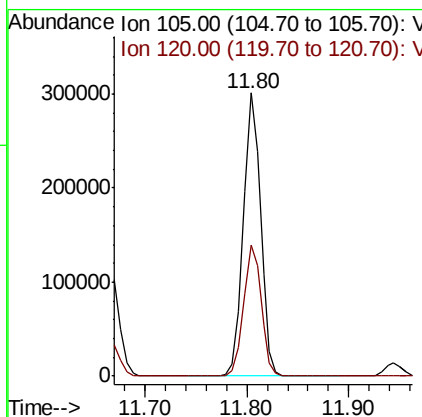
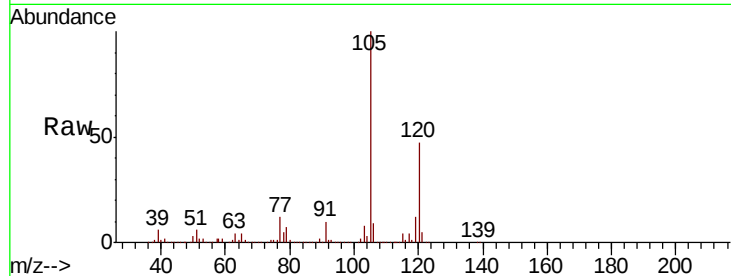




#84
 1,2,4-Trimethylbenzene
 Concen: 3464.899 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

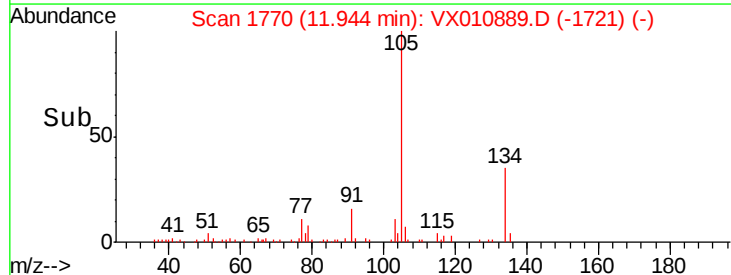
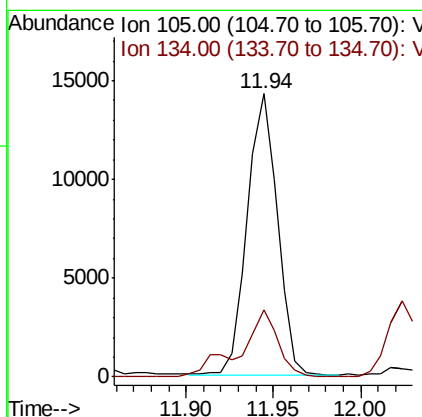
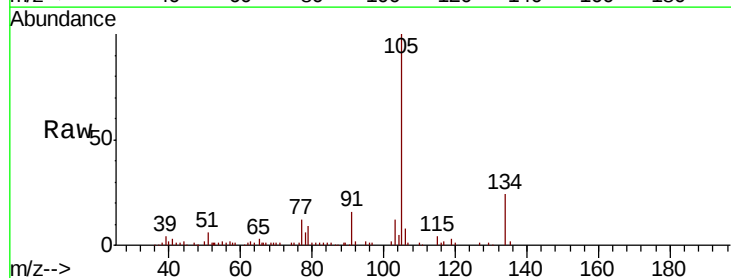
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

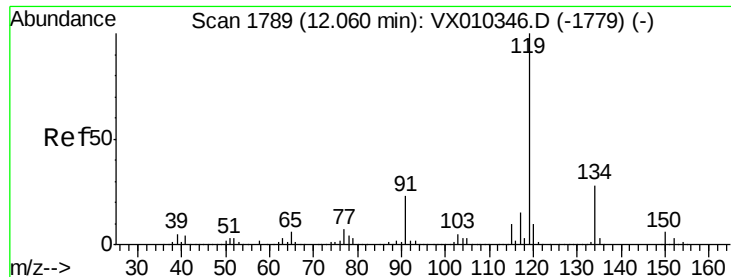
Tot Ion:105 Resp: 352110
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 144.246 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion:105 Resp: 17194
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.7 31.9

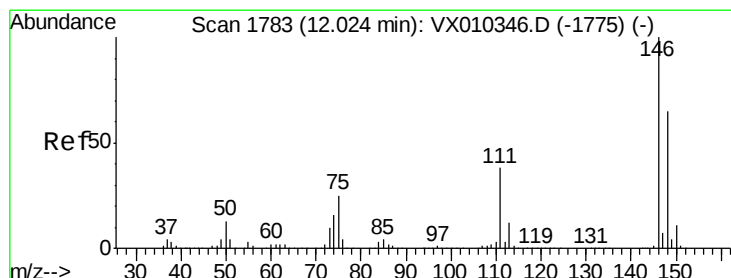
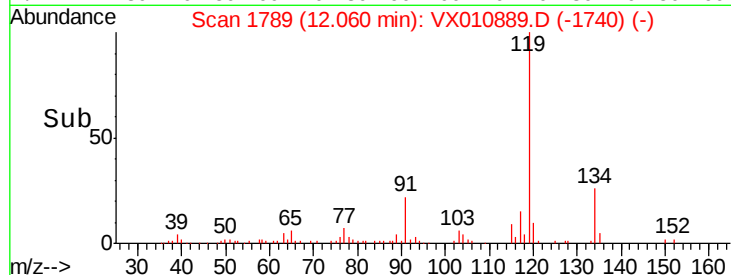
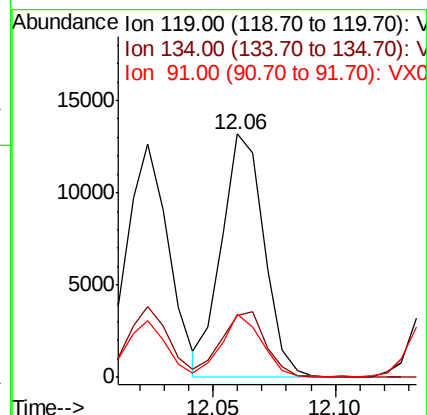
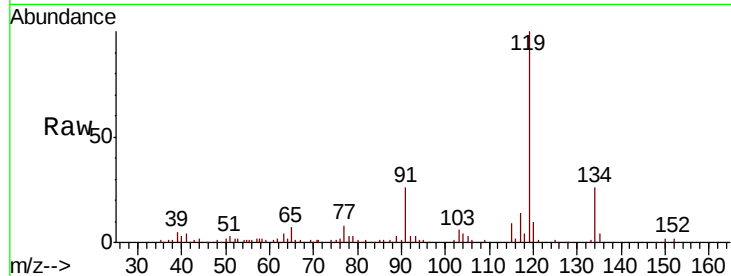




#86
 p-Isopropyltoluene
 Concen: 144.428 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

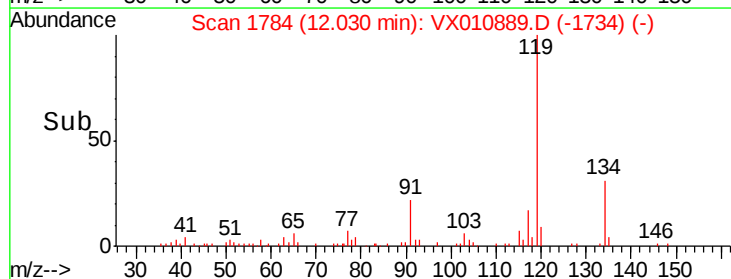
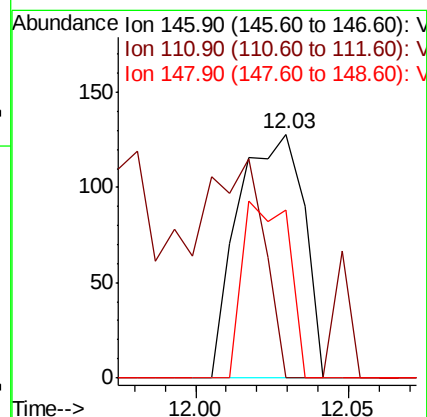
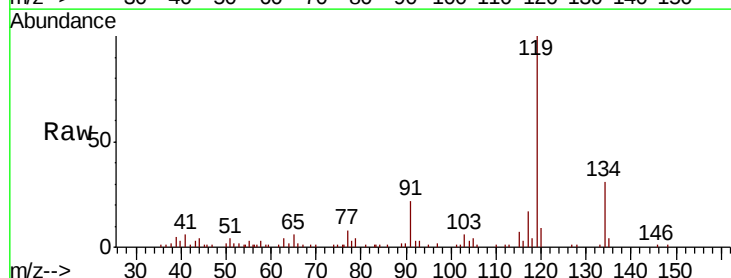
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604DL

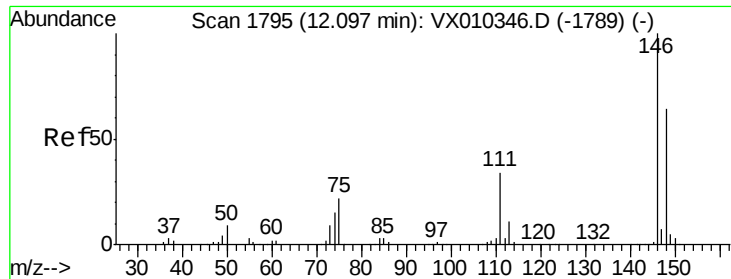
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.7	41.1
91	25.0	11.3	33.8



#87
 1,3-Dichlorobenzene
 Concen: 3.177 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	73.2	19.1	57.1#
148	50.5	32.5	97.4





#88

1,4-Dichlorobenzene

Concen: 2.365 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

FL-0604DL

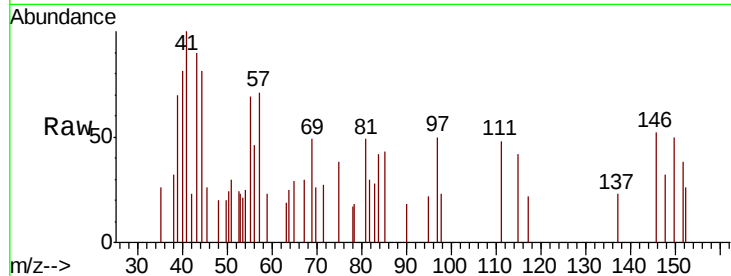
Tot Ion:146 Resp: 144

Ion Ratio Lower Upper

146 100

111 70.1 18.1 54.3#

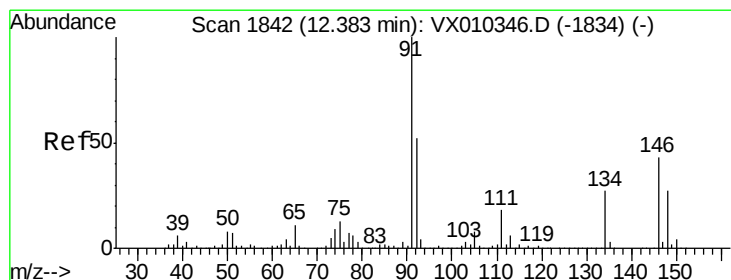
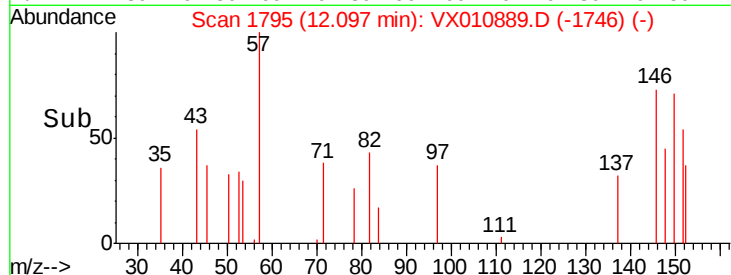
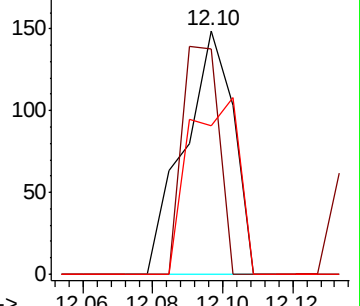
148 75.0 32.1 96.3



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: 191.206 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

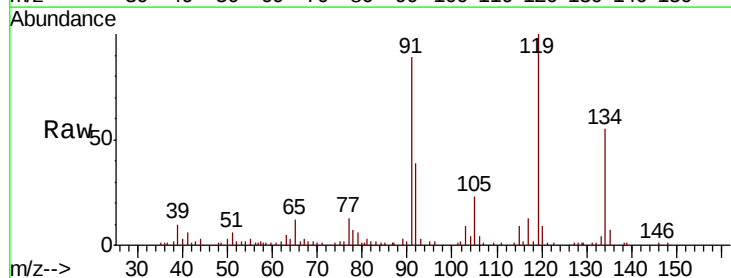
Tgt Ion: 91 Resp: 17914

Ion Ratio Lower Upper

91 100

92 33.6 26.2 78.5

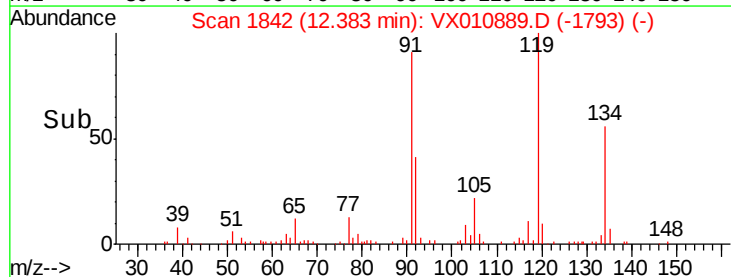
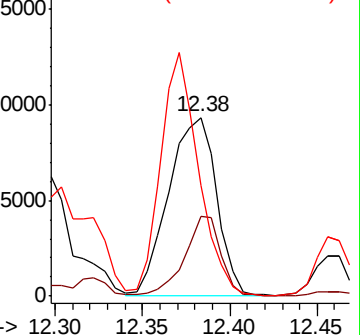
134 107.4 14.1 42.4#

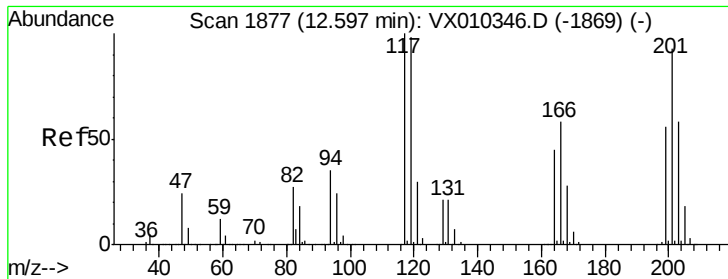


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 179.757 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

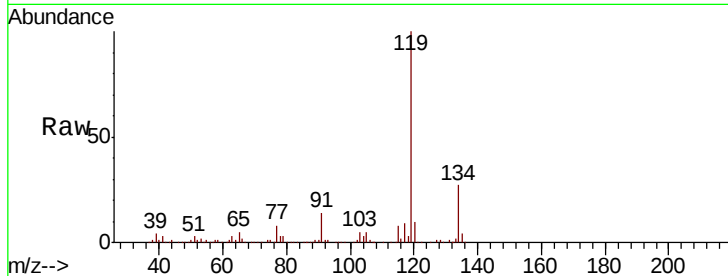
FL-0604DL

Tot Ion:117 Resp: 3427

Ion Ratio Lower Upper

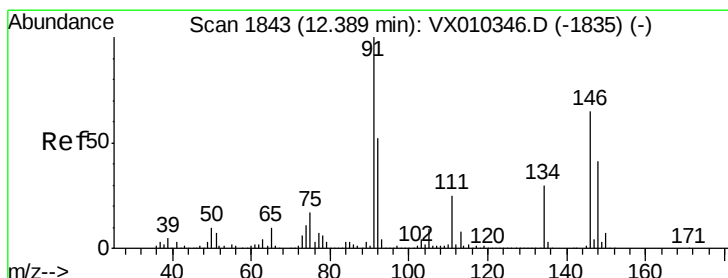
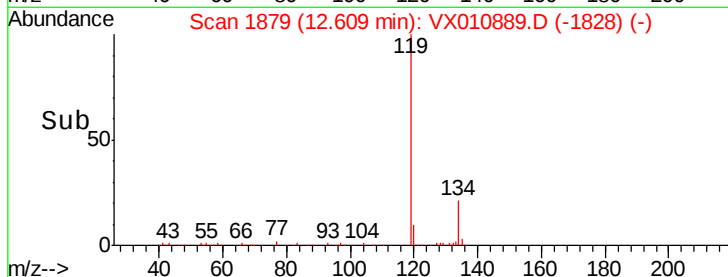
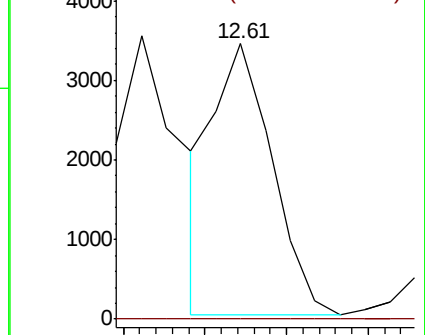
117 100

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: 1.682 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

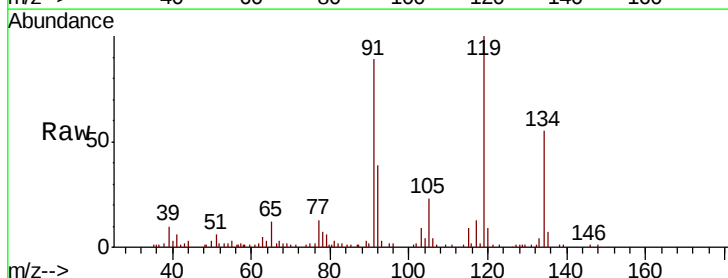
Tgt Ion:146 Resp: 100

Ion Ratio Lower Upper

146 100

111 235.0 19.2 57.6#

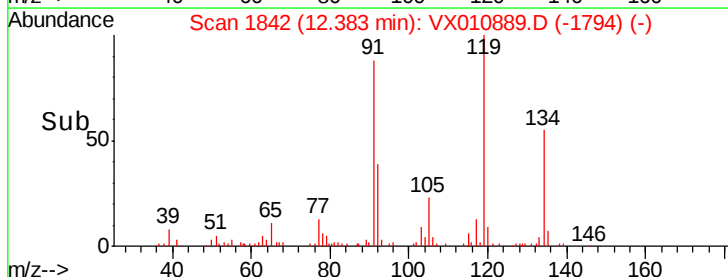
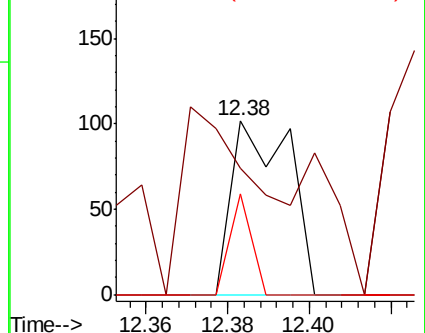
148 22.0 32.0 96.0#

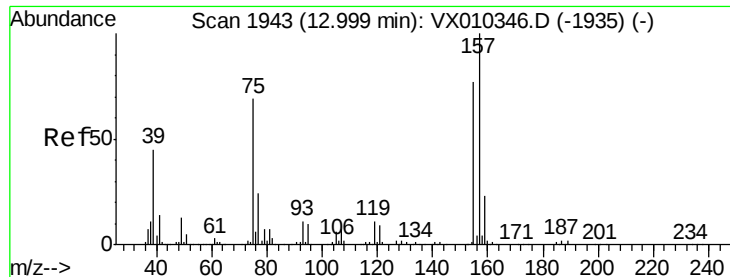


Abundance Ion 145.90 (145.60 to 146.60): V

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: 49.197 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

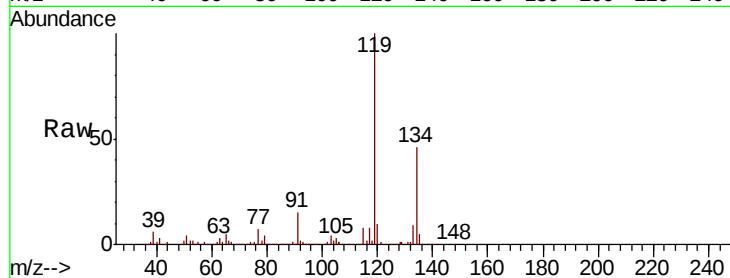
Tot Ion: 75 Resp: 431

Ion Ratio Lower Upper

75 100

155 5.1 54.4 163.1#

157 0.0 69.5 208.3#

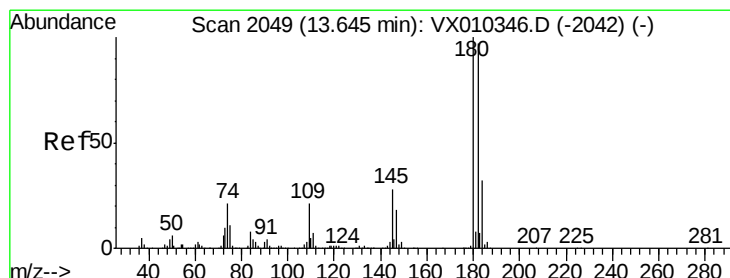
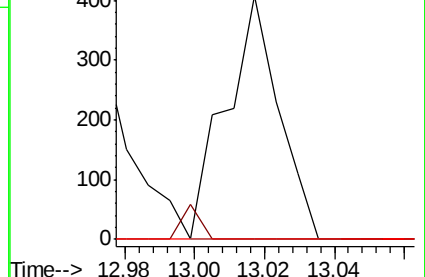
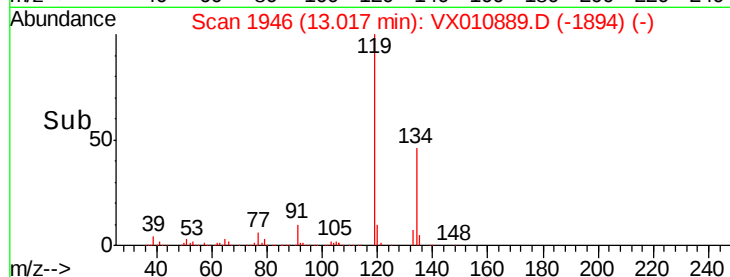


Abundance Ion 74.90 (74.60 to 75.60): VX010889.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX010889.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX010889.D (-1894) (-)

13.02



#93

1,2,4-Trichlorobenzene

Concen: 4.343 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

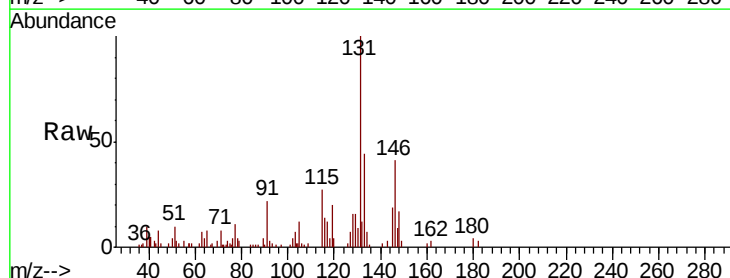
Tgt Ion: 180 Resp: 179

Ion Ratio Lower Upper

180 100

182 74.9 48.0 144.0

145 706.7 14.4 43.4#

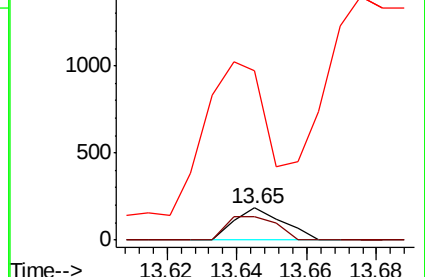
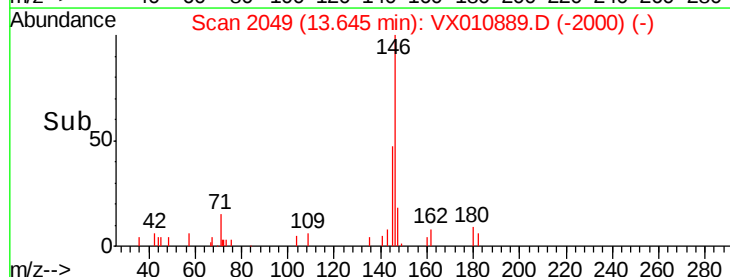


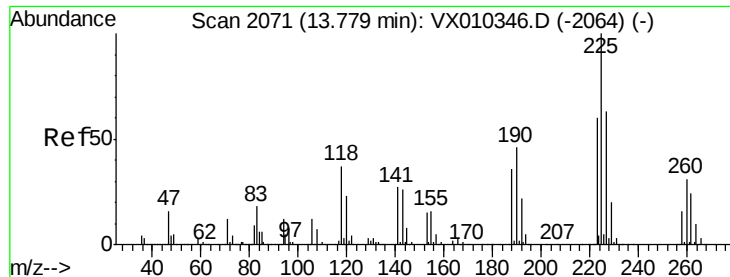
Abundance Ion 179.80 (179.50 to 180.50): VX010889.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX010889.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX010889.D (-2000) (-)

13.65





#94

Hexachlorobutadiene

Concen: 1.042 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

FL-0604DL

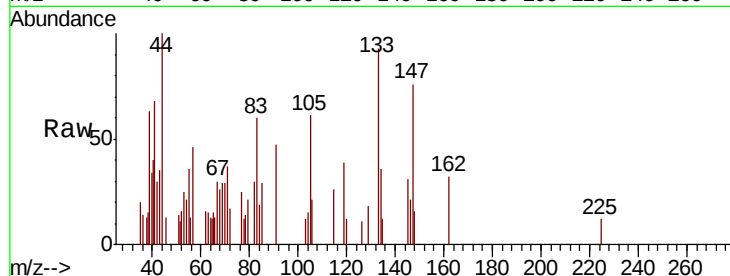
Tot Ion:225 Resp: 21

Ion Ratio Lower Upper

225 100

223 0.0 30.9 92.7#

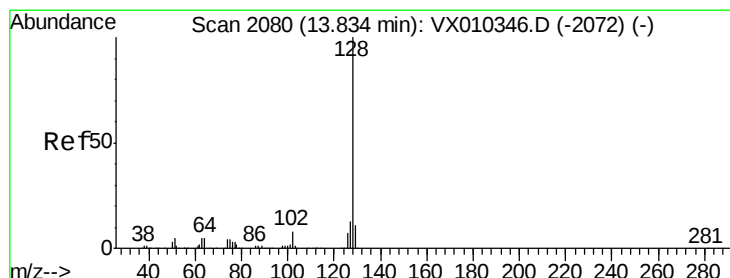
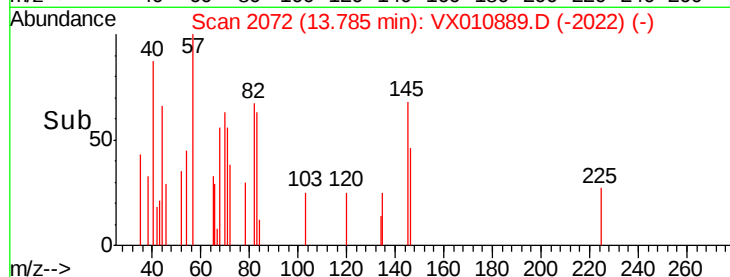
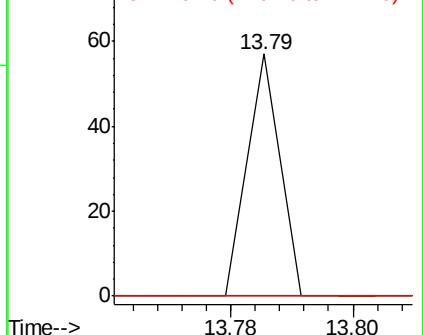
227 0.0 31.9 95.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 257.313 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010889.D

Acq: 15 Jul 2019 17:01

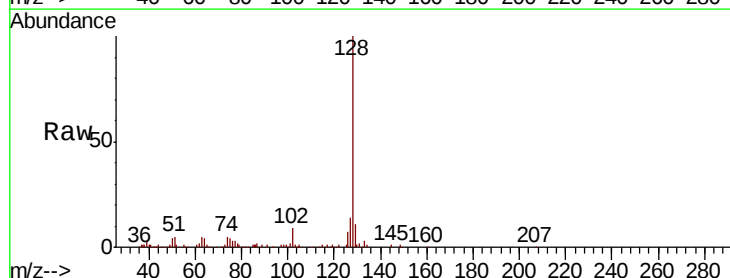
Tgt Ion:128 Resp: 32593

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

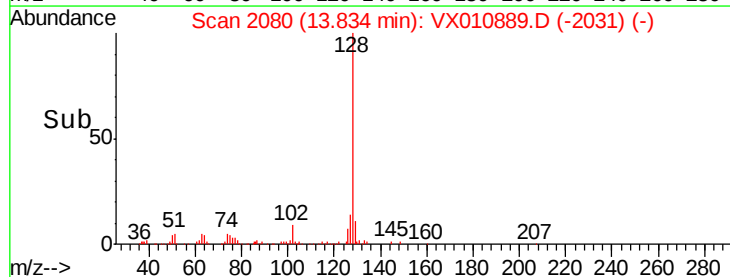
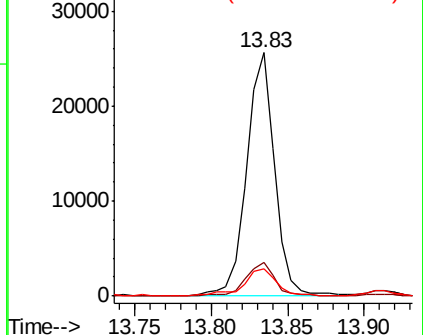
129 13.5 8.9 13.3#

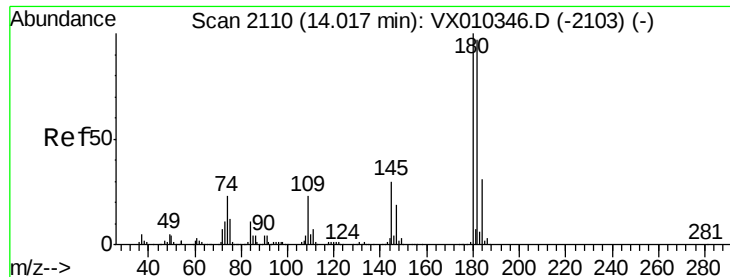


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.391 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010889.D
 Acq: 15 Jul 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.8	143.3
145	1594.9	15.2	45.6#

