

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010489.D
 Acq On : 27 Jun 2019 15:19
 Operator : JC/SP
 Sample : K3565-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571

Quant Time: Jun 28 06:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185656	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	119377	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	117208	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	471259	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	167008	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	263	0.238	ug/l #	2
11) Tert butyl alcohol	3.04	59	3060	4.880	ug/l #	74
13) Acrolein	2.26	56	1643	3.950	ug/l #	1
14) Allyl chloride	2.85	41	67767	21.548	ug/l #	70
15) Acrylonitrile	3.17	53	22331	17.989	ug/l #	38
16) Acetone	2.45	43	22902	19.071	ug/l	97
18) Methyl Acetate	2.85	43	176805	73.871	ug/l #	48
20) Methylene Chloride	2.84	84	558	0.226	ug/l #	1
25) 2-Butanone	4.68	43	6076	3.449	ug/l	96
26) 2,2-Dichloropropane	4.41	77	8295	2.512	ug/l #	49
29) Tetrahydrofuran	5.13	42	282	0.258	ug/l #	28
31) Cyclohexane	5.58	56	588517	170.038	ug/l	99
36) 1,1-Dichloropropene	5.67	75	15944	5.145	ug/l #	48
37) Ethyl Acetate	4.68	43	6076	1.906	ug/l #	69
38) Carbon Tetrachloride	5.67	117	22364	6.664	ug/l #	16
39) Methylcyclohexane	7.46	83	455412	111.795	ug/l	99
40) Benzene	6.15	78	4855177	502.866	ug/l	98
41) Methacrylonitrile	5.06	41	702	0.401	ug/l #	24
42) 1,2-Dichloroethane	6.15	62	39848	13.558	ug/l #	71
43) Isopropyl Acetate	6.46	43	6845	1.298	ug/l #	58
45) 1,2-Dichloropropane	7.46	63	4385	1.798	ug/l #	1
47) Bromodichloromethane	7.85	83	951	0.297	ug/l #	1
48) Methyl methacrylate	7.73	41	19984	8.151	ug/l #	48
49) 1,4-Dioxane	7.68	88	22	0.311	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	10798	3.201	ug/l #	84
52) Toluene	8.79	92	4385669	689.768	ug/l	96
53) t-1,3-Dichloropropene	8.79	75	52524	14.614	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	22408	8.545	ug/l #	20
56) Ethyl methacrylate	9.16	69	4461	1.123	ug/l #	1
59) 2-Hexanone	9.50	43	4336	1.633	ug/l	86
67) Ethyl Benzene	10.26	91	5830572	473.567	ug/l	98
68) m/p-Xylenes	10.37	106	8632122	1809.439	ug/l	83
69) o-Xylene	10.70	106	2113424	450.484	ug/l	99
70) Styrene	10.70	104	103286	13.128	ug/l #	1

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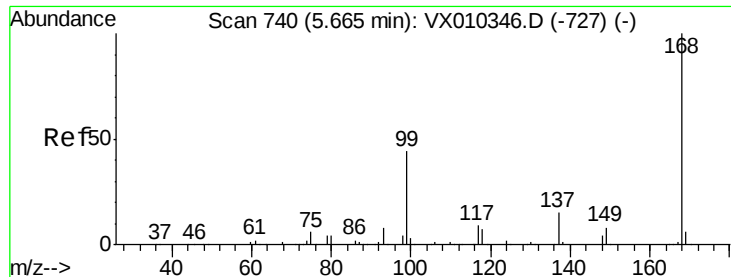
Instrument :
 MSVOA_X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	11.02	105	595245	47.297	uq/l	98
74) N-amyl acetate	10.94	43	12687	2.667	uq/l #	41
76) 1,2,3-Trichloropropane	11.35	75	4388	1.297	uq/l #	1
78) n-propylbenzene	11.36	91	634891	45.901	uq/l	100
79) 2-Chlorotoluene	11.43	91	360596	43.781	uq/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	1104333	106.442	uq/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	6980	4.813	uq/l #	62
82) 4-Chlorotoluene	11.51	91	116498	12.430	uq/l #	42
83) tert-Butylbenzene	11.77	119	16191	1.555	uq/l #	45
84) 1,2,4-Trimethylbenzene	11.80	105	3681527	353.191	uq/l	99
85) sec-Butylbenzene	11.80	105	3681527	301.110	uq/l #	55
86) p-Isopropyltoluene	12.06	119	84840	7.502	uq/l	98
89) n-Butylbenzene	12.38	91	99727	10.377	uq/l #	21
90) Hexachloroethane	12.58	117	19743	10.096	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2652	2.951	uq/l #	1
95) Naphthalene	13.83	128	1785620	137.435	uq/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

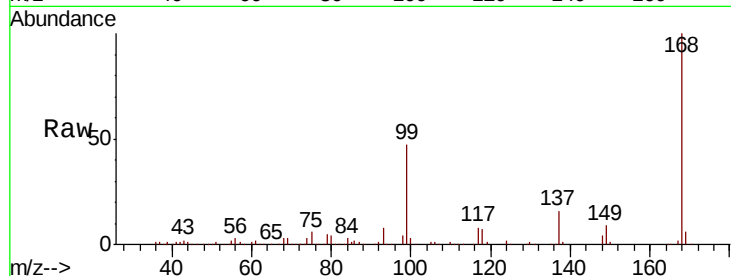
FL-0571

Tot Ion:168 Resp: 255562

Ion Ratio Lower Upper

168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

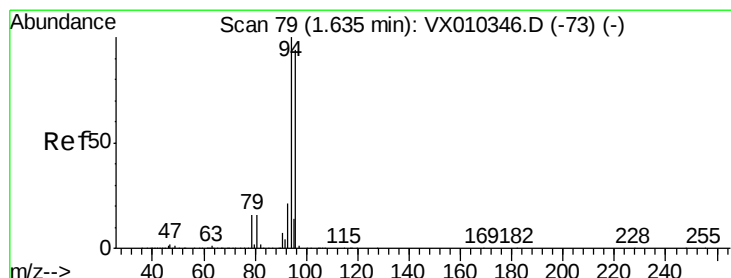
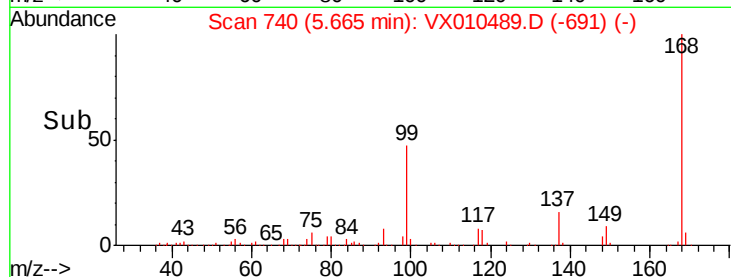
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.238 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010489.D

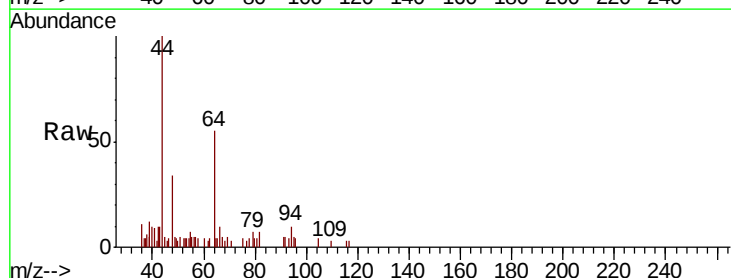
Acq: 27 Jun 2019 15:19

Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

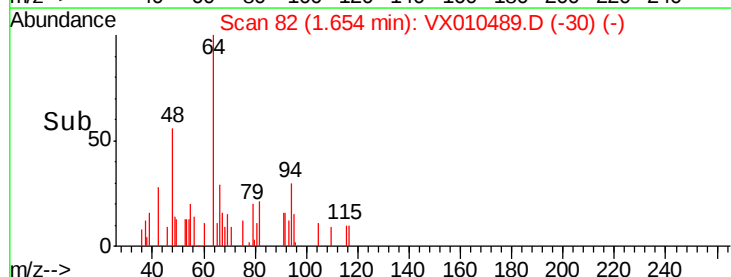
100

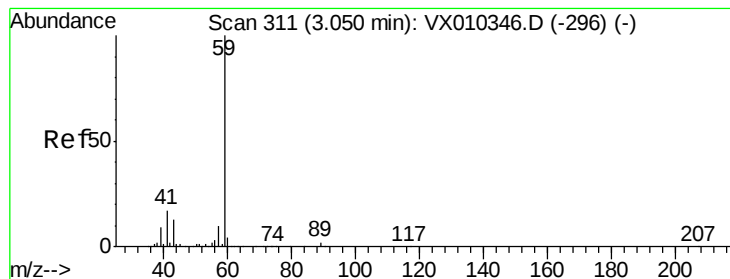
50

0

Time-->

1.62 1.64 1.66





#11

Tert butyl alcohol

Concen: 4.880 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

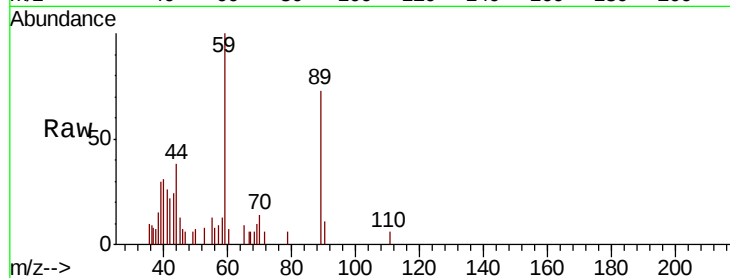
FL-0571

Tot Ion: 59 Resp: 3060

Ion Ratio Lower Upper

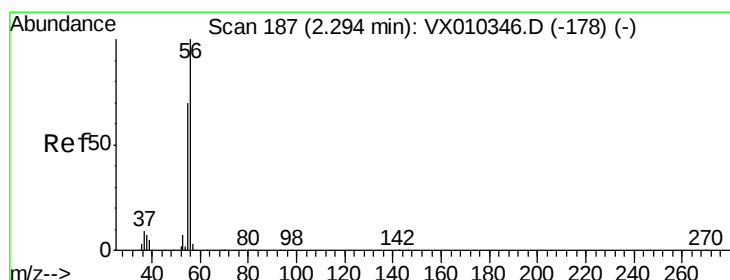
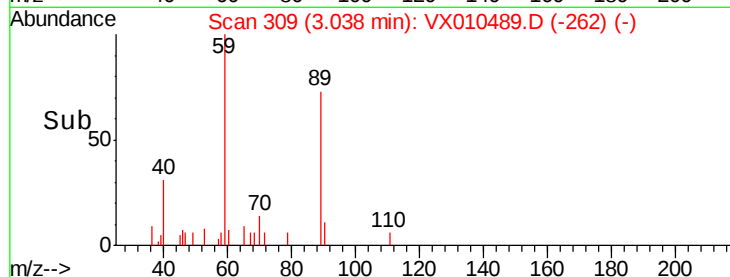
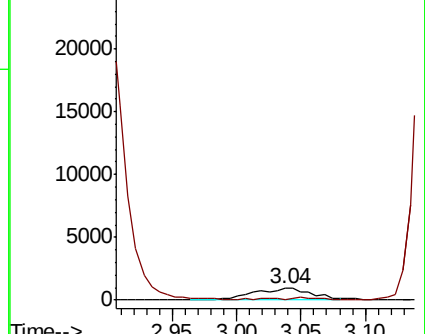
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 3.950 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX010489.D

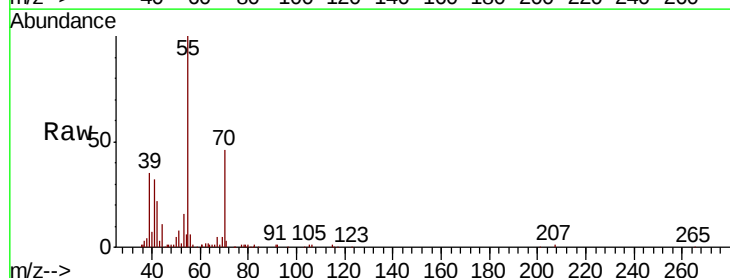
Acq: 27 Jun 2019 15:19

Tgt Ion: 56 Resp: 1643

Ion Ratio Lower Upper

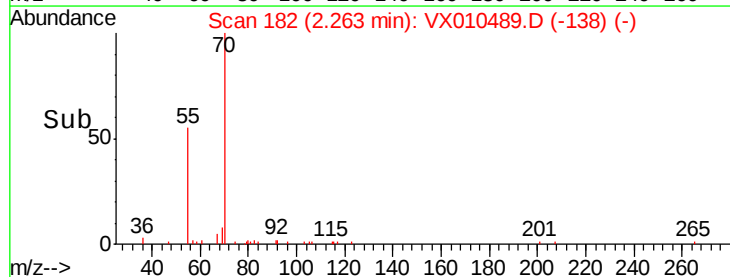
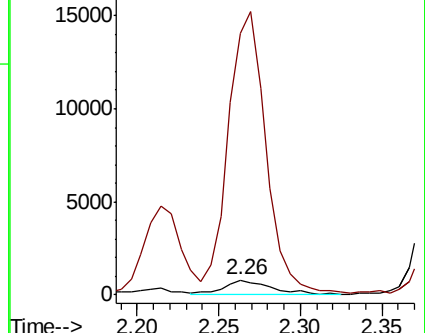
56 100

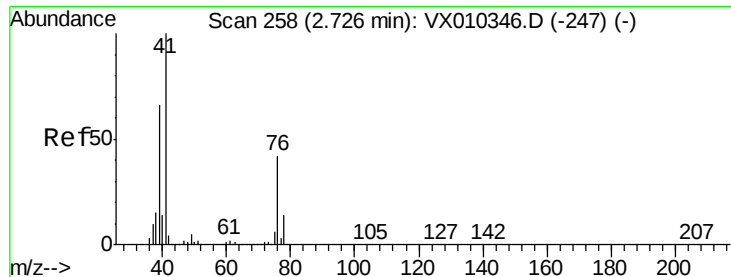
55 1469.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 21.548 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

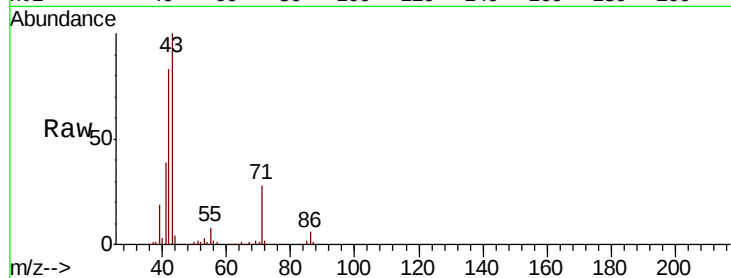
Tot Ion: 41 Resp: 67767

Ion Ratio Lower Upper

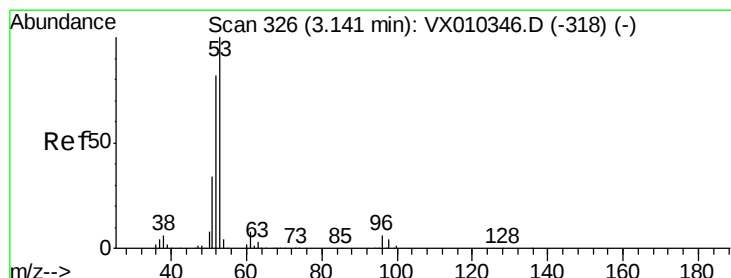
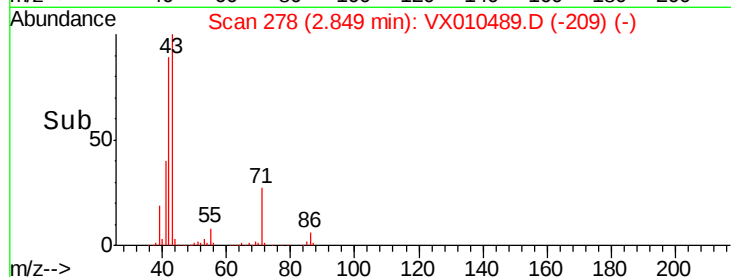
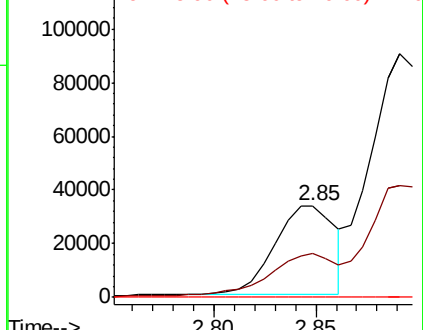
41 100

39 56.6 50.3 75.5

76 0.0 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 17.989 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

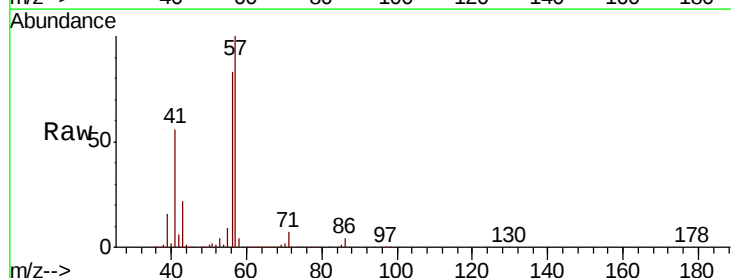
Tgt Ion: 53 Resp: 22331

Ion Ratio Lower Upper

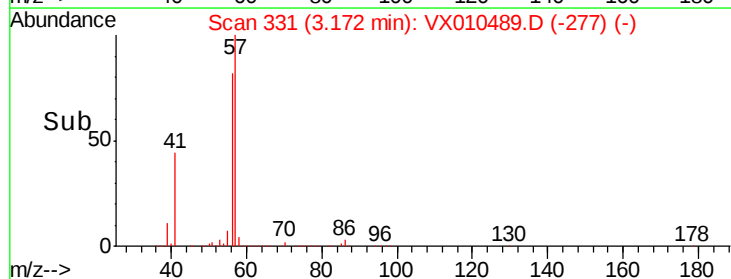
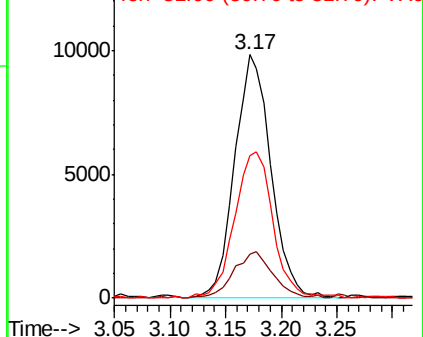
53 100

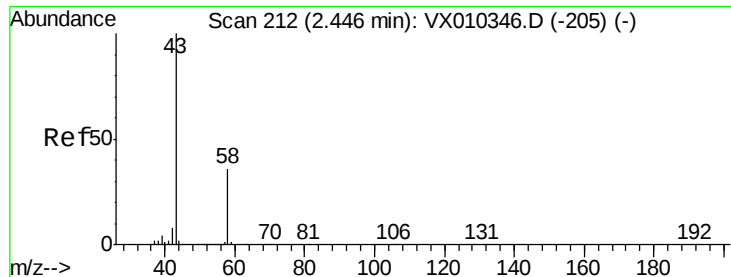
52 20.9 65.5 98.3#

51 63.3 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: 19.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

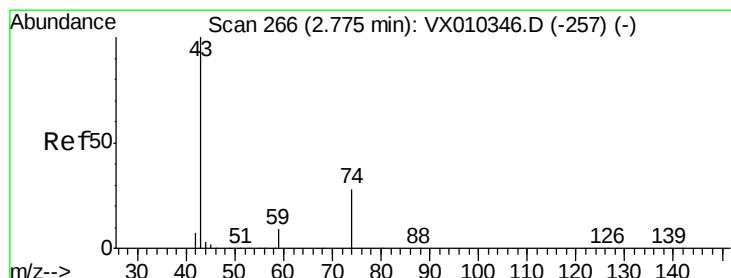
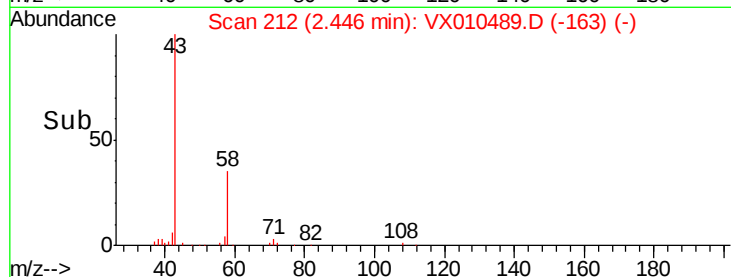
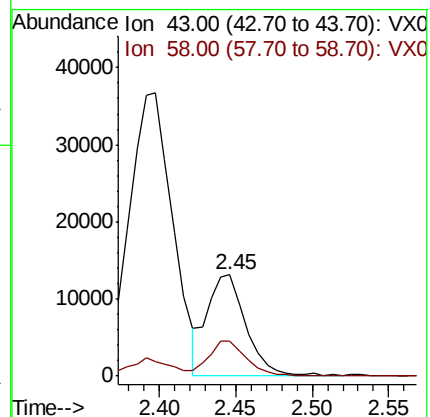
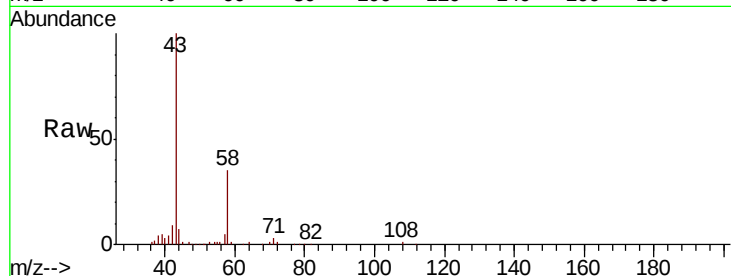
FL-0571

Tot Ion: 43 Resp: 22902

Ion Ratio Lower Upper

43 100

58 34.2 28.9 43.3



#18

Methyl Acetate

Concen: 73.871 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010489.D

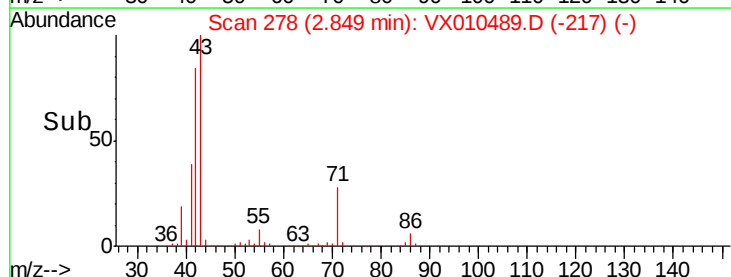
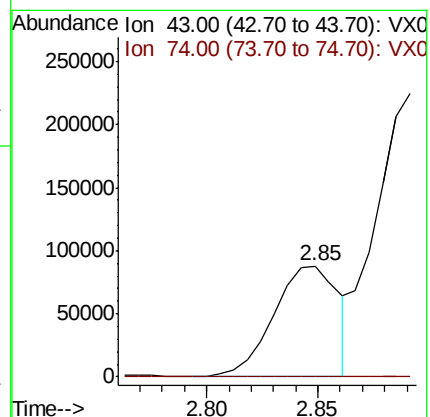
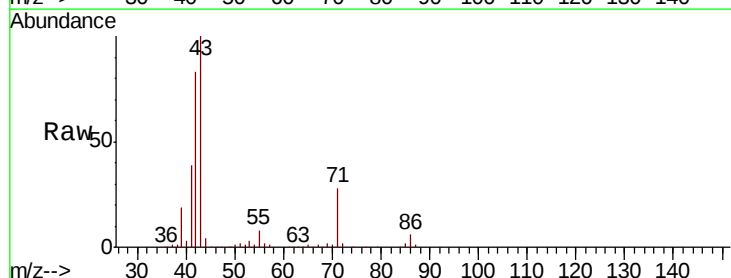
Acq: 27 Jun 2019 15:19

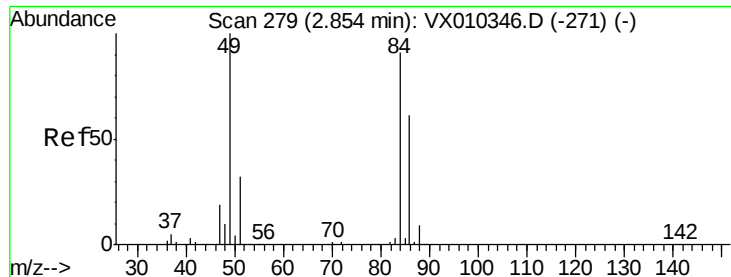
Tgt Ion: 43 Resp: 176805

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#

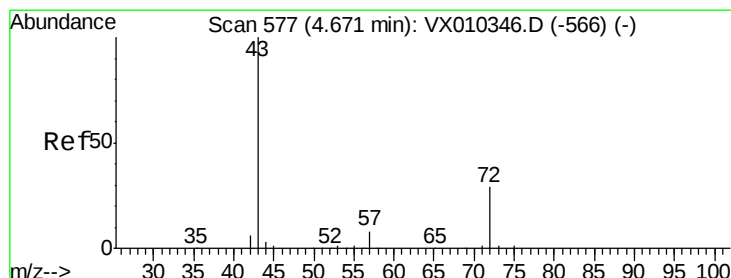
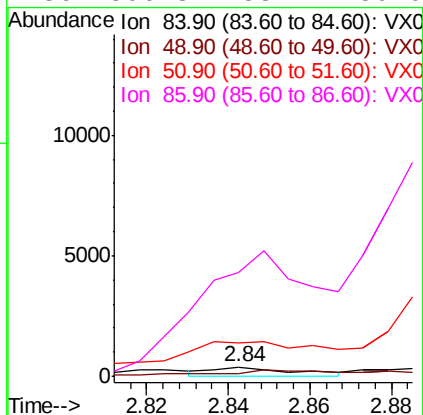
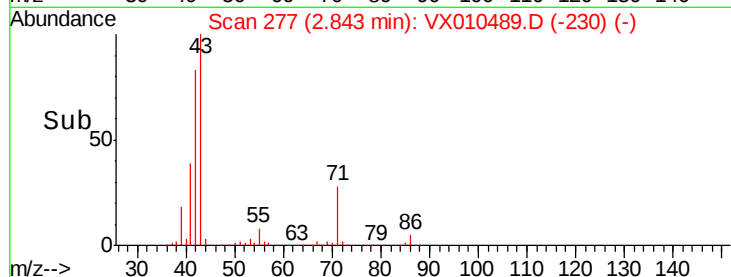
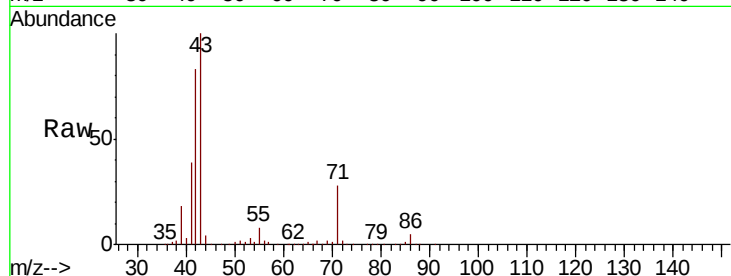




#20
Methvlene Chloride
Concen: 0.226 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

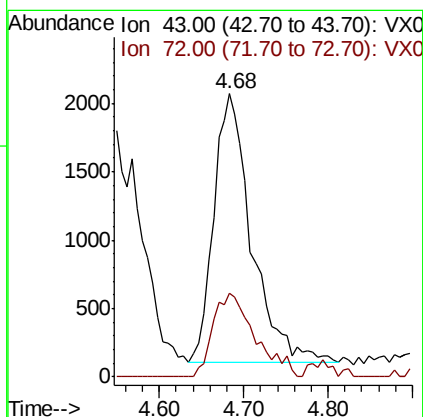
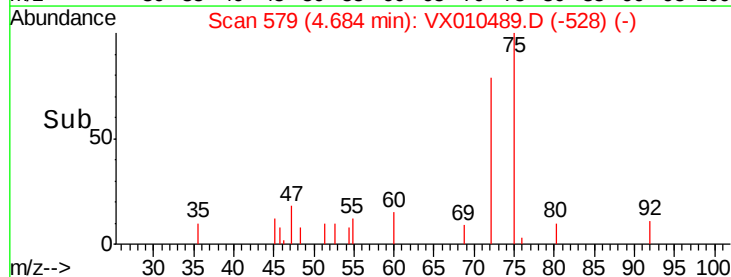
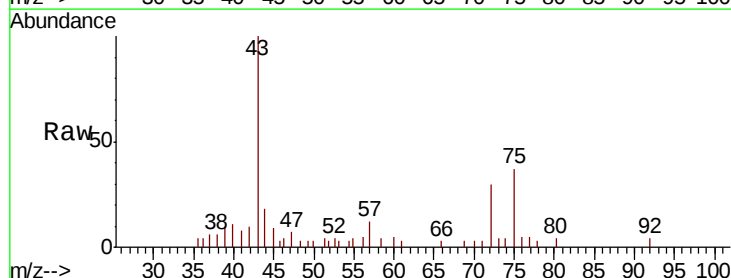
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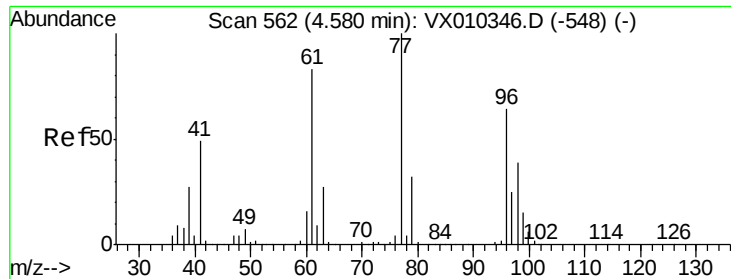
Tot Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 0.0 87.5 131.3#
51 197.6 27.7 41.5#
86 806.3 53.4 80.0#



#25
2-Butanone
Concen: 3.449 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 43 Resp: 6076
Ion Ratio Lower Upper
43 100
72 31.1 23.3 34.9





#26

2,2-Dichloropropane

Concen: 2.512 ug/l

RT: 4.41 min Scan# 534

Delta R.T. -0.17 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

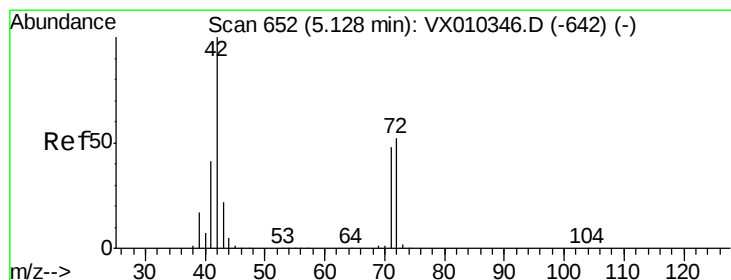
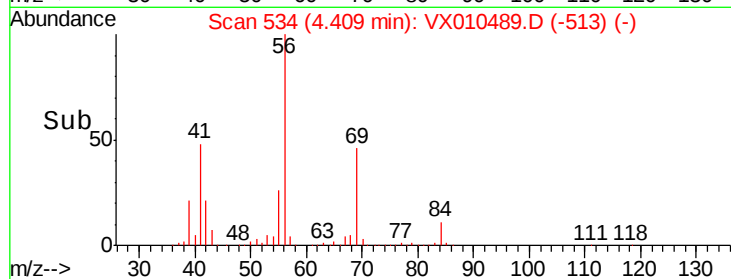
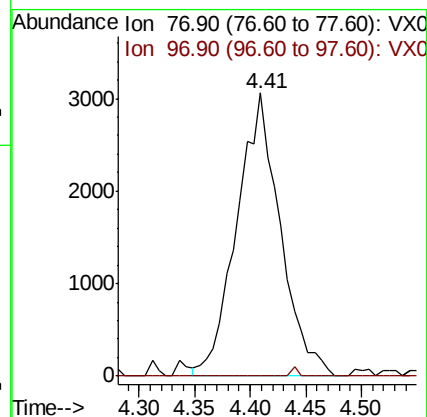
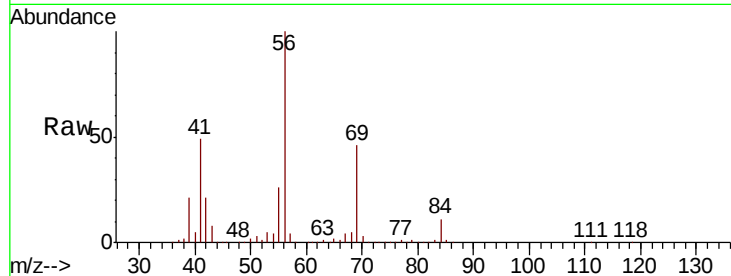
FL-0571

Tot Ion: 77 Resp: 8295

Ion Ratio Lower Upper

77 100

97 0.0 13.1 39.3#



#29

Tetrahydrofuran

Concen: 0.258 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

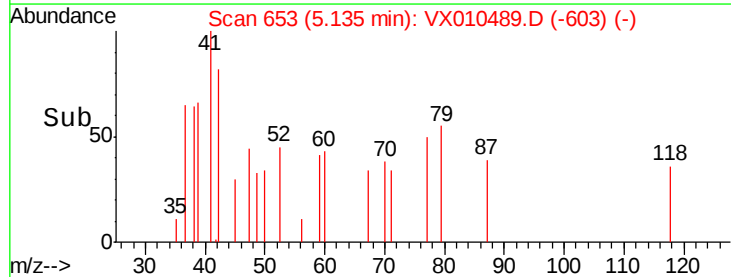
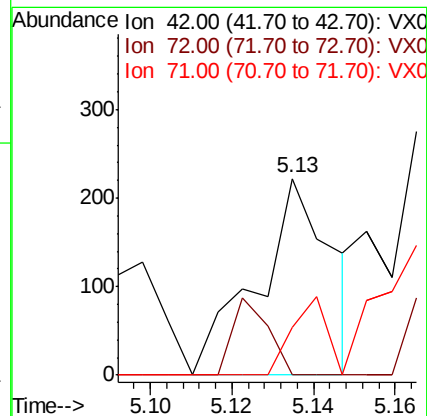
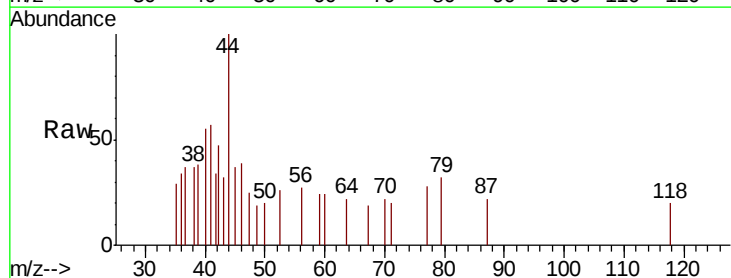
Tgt Ion: 42 Resp: 282

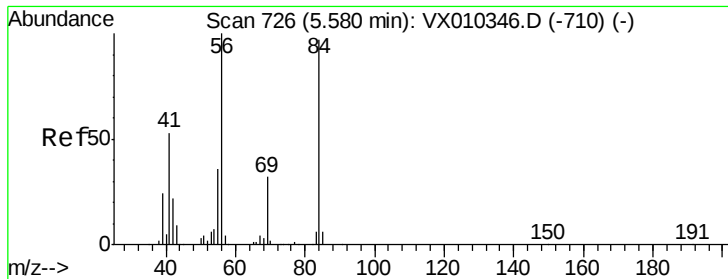
Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 0.0 37.8 56.8#

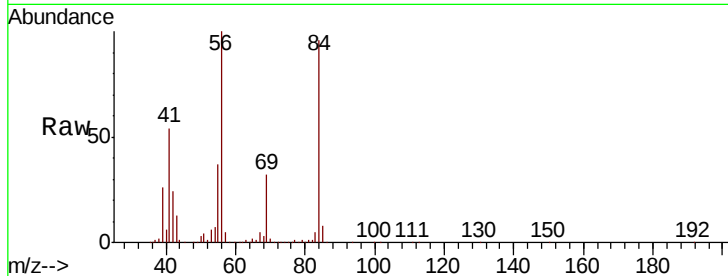




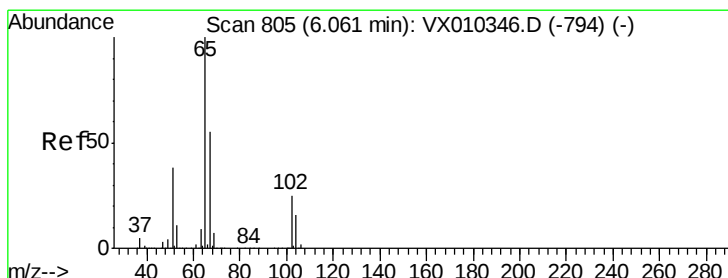
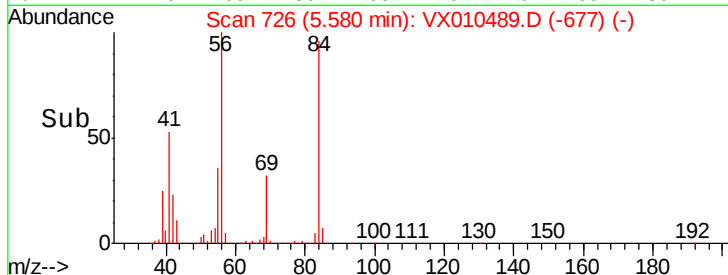
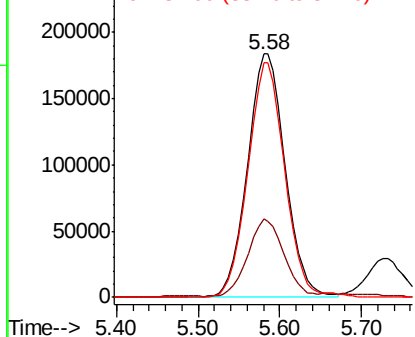
#31
Cyclohexane
Concen: 170.038 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0571

Tot Ion	56	Resp	588517
Ion Ratio	Lower	Upper	
56	100		
69	31.5	25.9	38.9
84	96.2	78.0	117.0

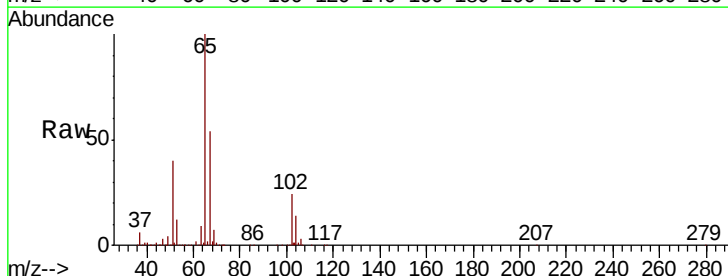


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

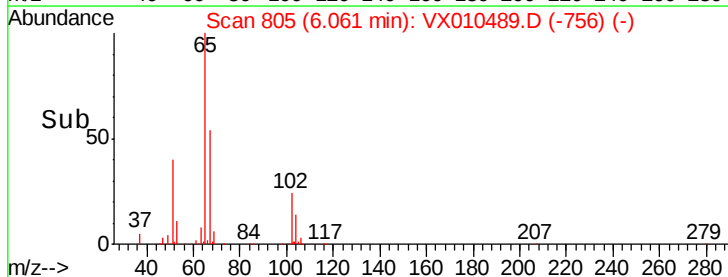
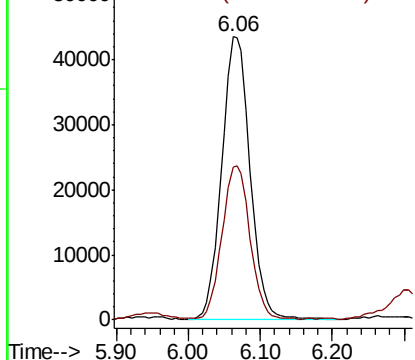


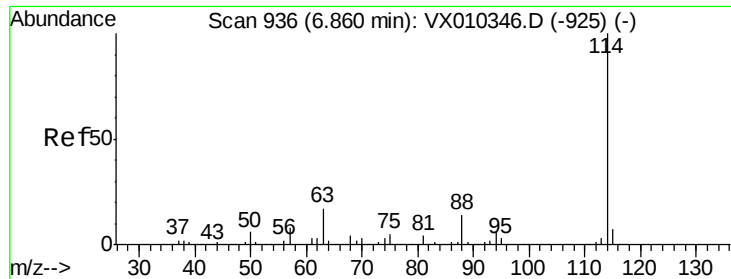
#33
1,2-Dichloroethane-d4
Concen: 49.820 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion	65	Resp	119377
Ion Ratio	Lower	Upper	
65	100		
67	53.2	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: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

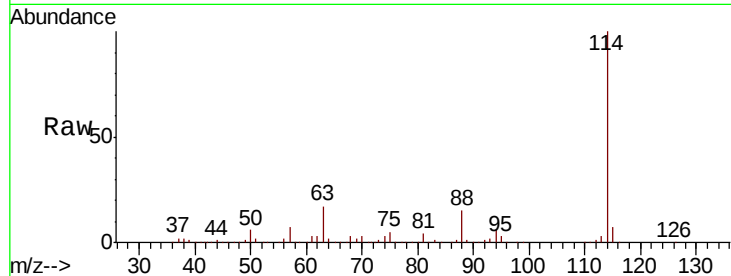
Tot Ion:114 Resp: 389987

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

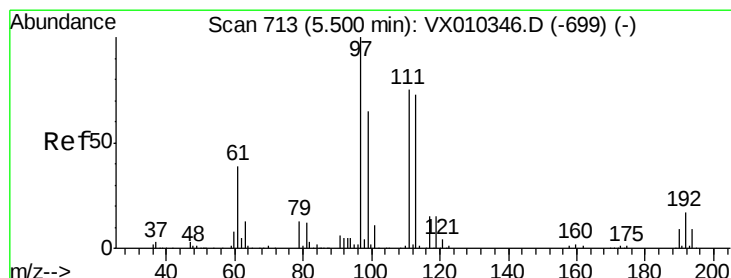
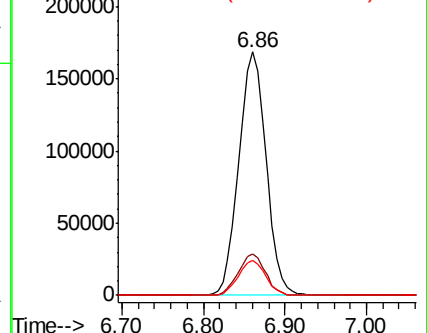
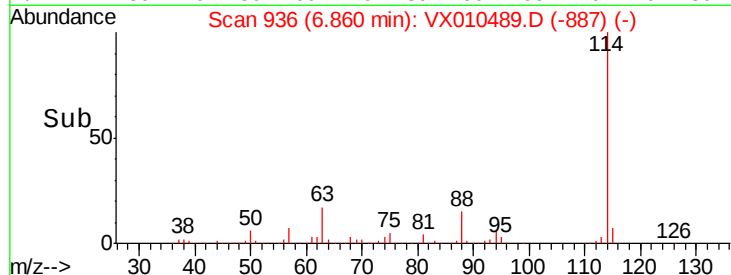
88 14.6 0.0 27.6



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: 49.122 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

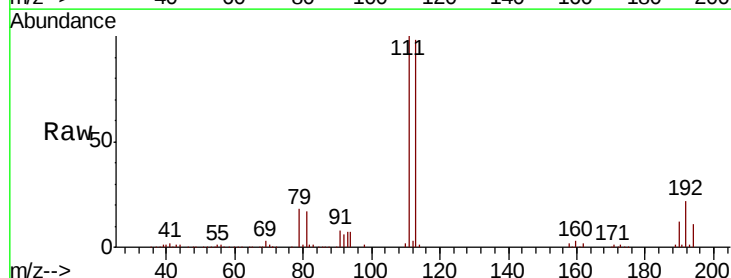
Tgt Ion:113 Resp: 117208

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

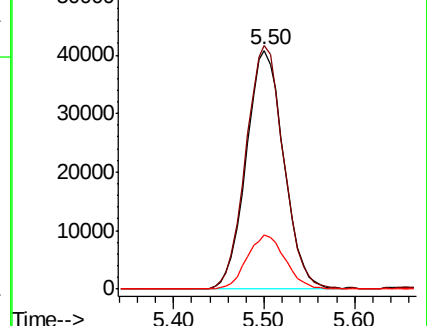
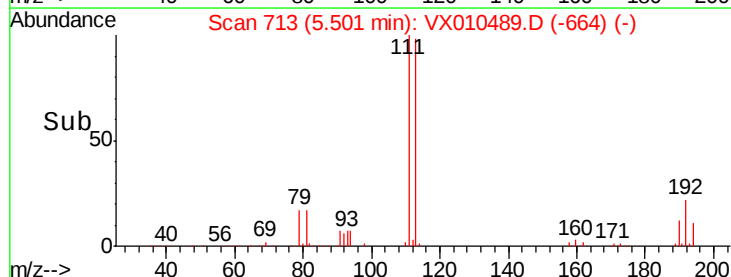
192 22.9 18.6 27.8

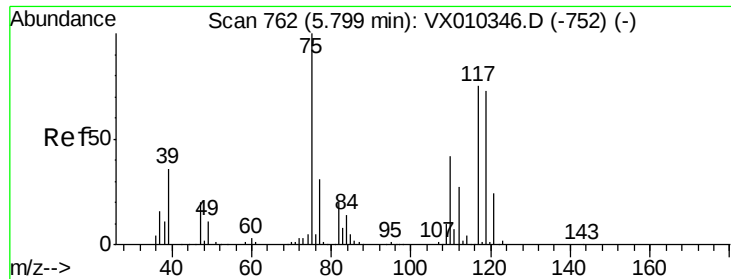


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

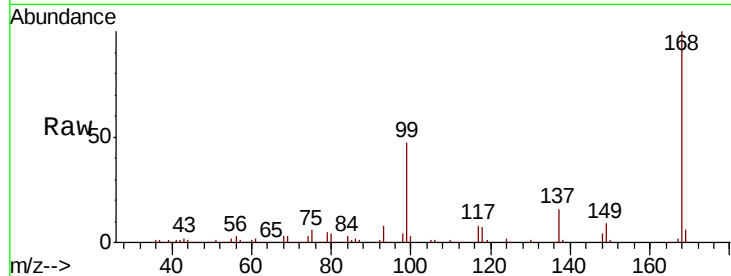
Tot Ion: 75 Resp: 15944

Ion Ratio Lower Upper

75 100

110 11.1 20.8 62.2#

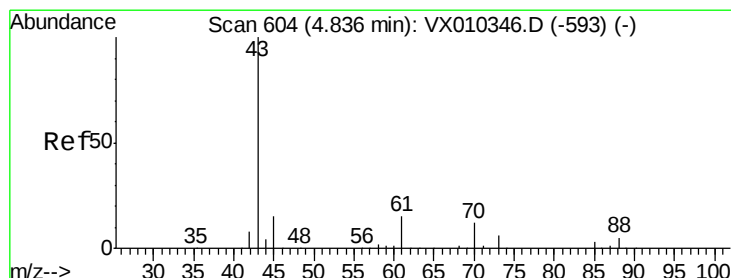
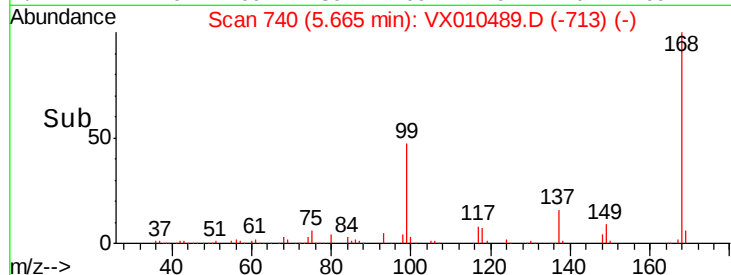
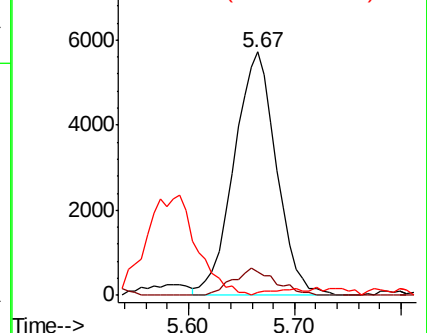
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 1.906 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.15 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

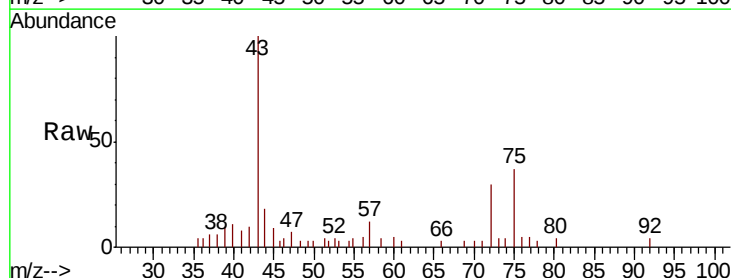
Tgt Ion: 43 Resp: 6076

Ion Ratio Lower Upper

43 100

61 2.3 12.4 18.6#

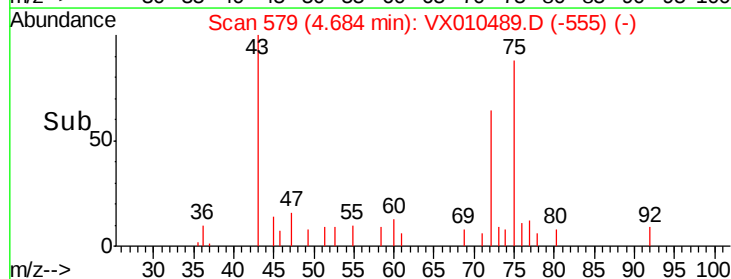
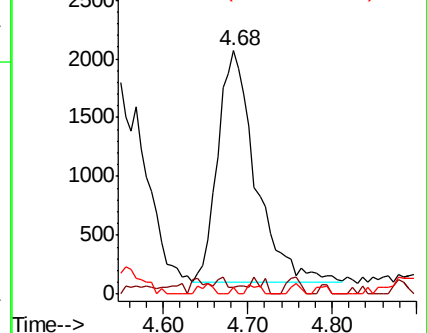
70 0.3 9.8 14.8#

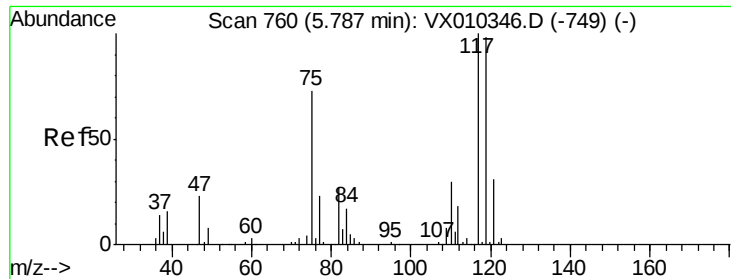


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.664 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

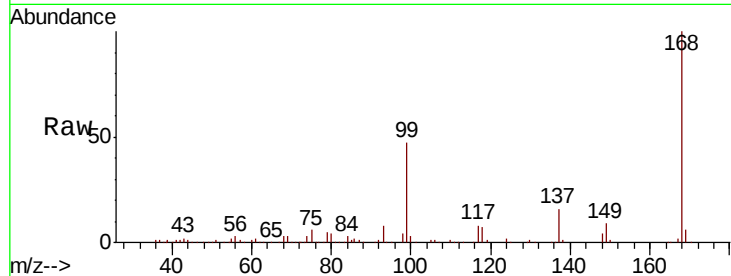
Tot Ion:117 Resp: 22364

Ion Ratio Lower Upper

117 100

119 6.2 78.2 117.4#

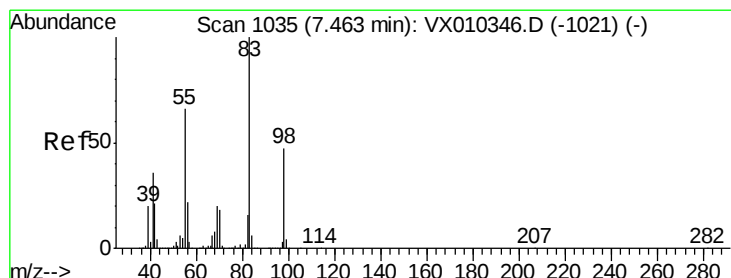
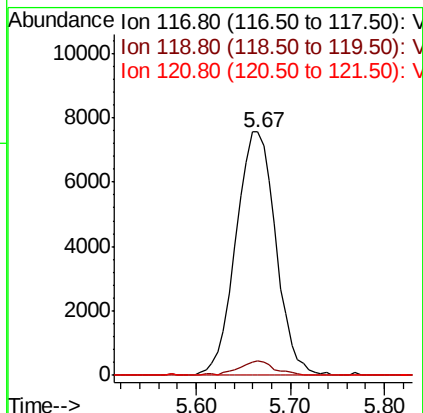
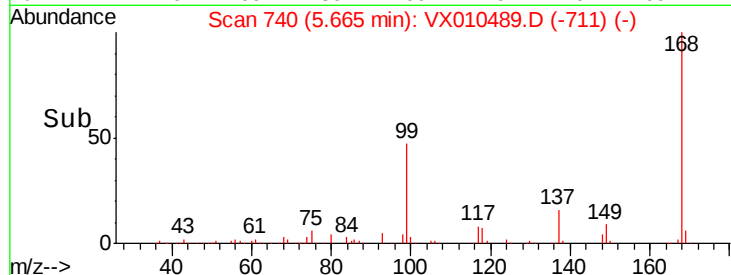
121 0.0 24.7 37.1#



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: 111.795 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

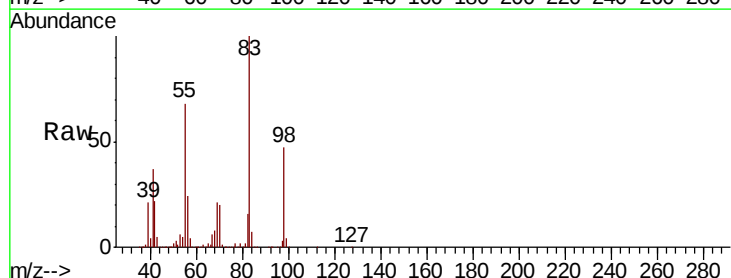
Tgt Ion: 83 Resp: 455412

Ion Ratio Lower Upper

83 100

55 67.4 53.0 79.6

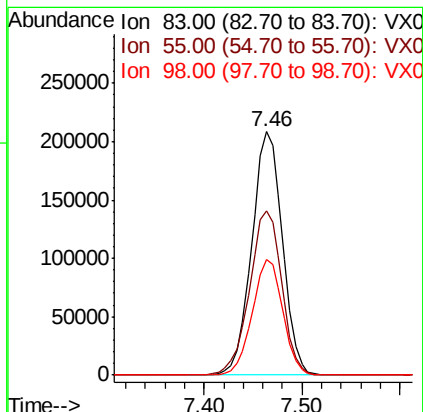
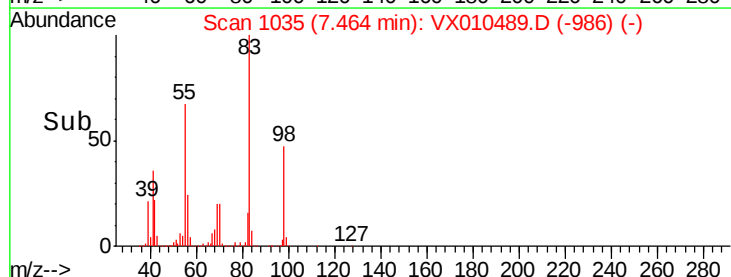
98 47.4 37.8 56.8

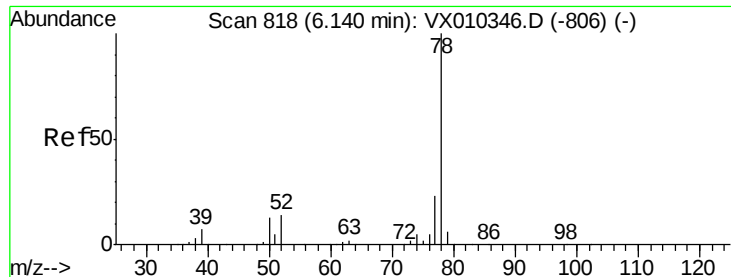


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 502.866 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

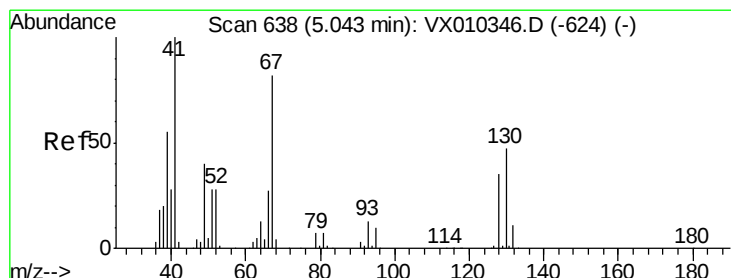
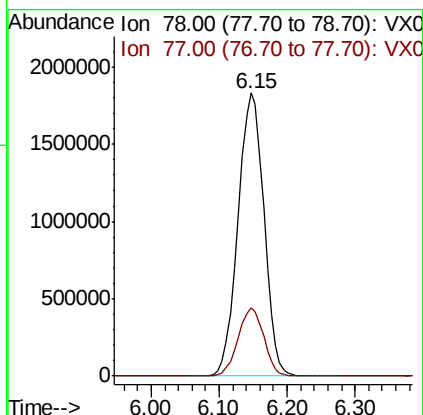
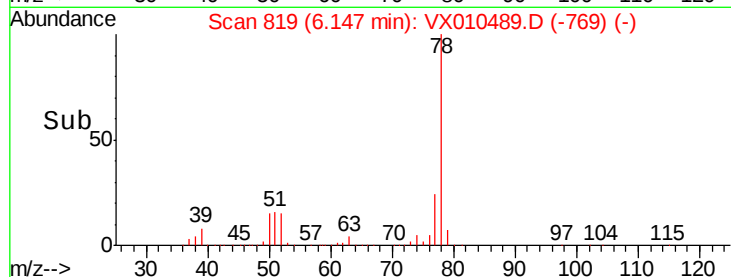
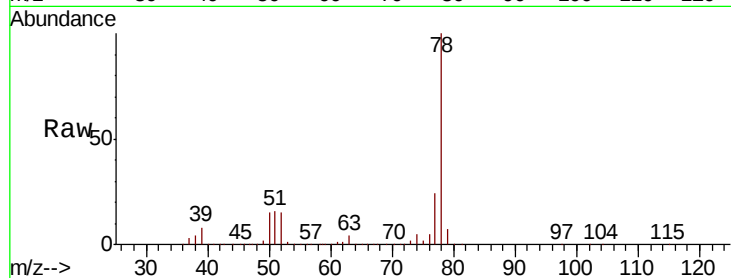
FL-0571

Tot Ion: 78 Resp: 4855177

Ion Ratio Lower Upper

78 100

77 24.1 18.6 28.0



#41

Methacrylonitrile

Concen: 0.401 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Tgt Ion: 41 Resp: 702

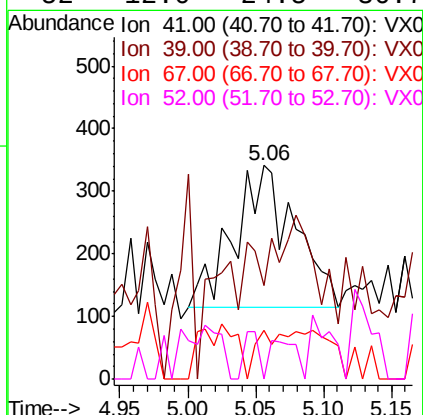
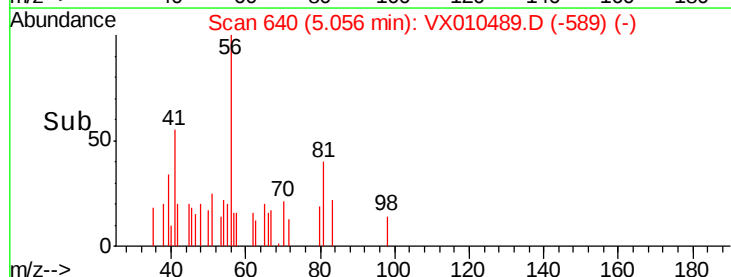
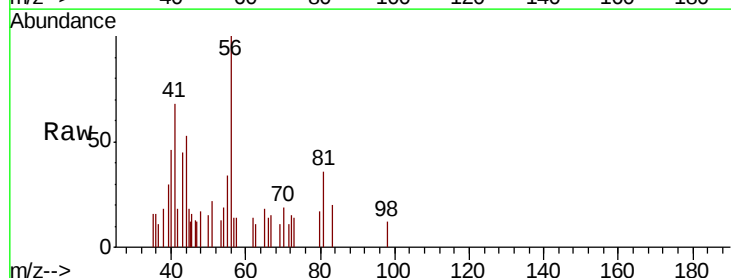
Ion Ratio Lower Upper

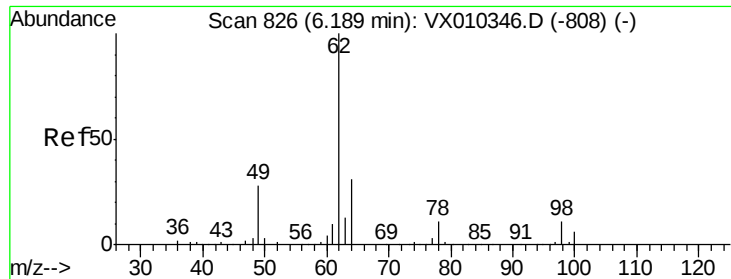
41 100

39 0.0 43.8 65.8#

67 0.0 66.6 100.0#

52 12.0 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 13.558 ug/l

RT: 6.15 min Scan# 820

Delta R.T. -0.04 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

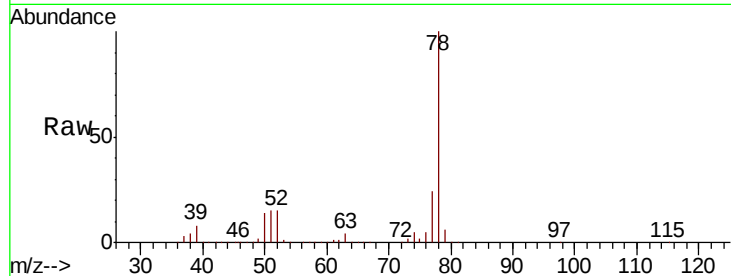
FL-0571

Tot Ion: 62 Resp: 39848

Ion Ratio Lower Upper

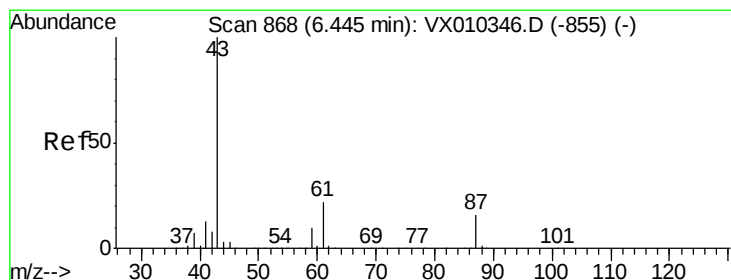
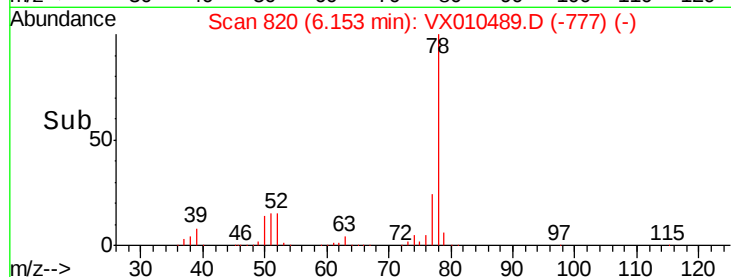
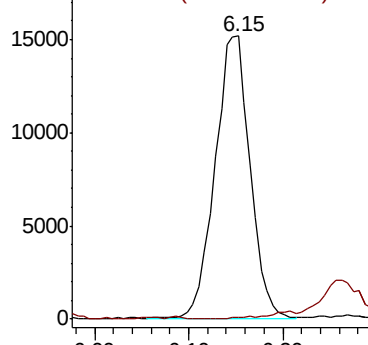
62 100

98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 1.298 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

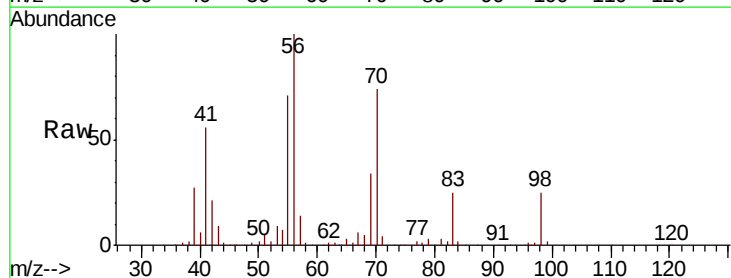
Tgt Ion: 43 Resp: 6845

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

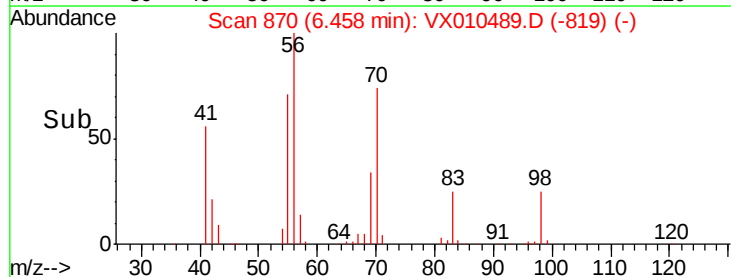
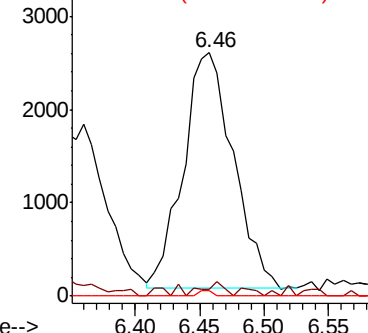
87 0.6 13.0 19.4#

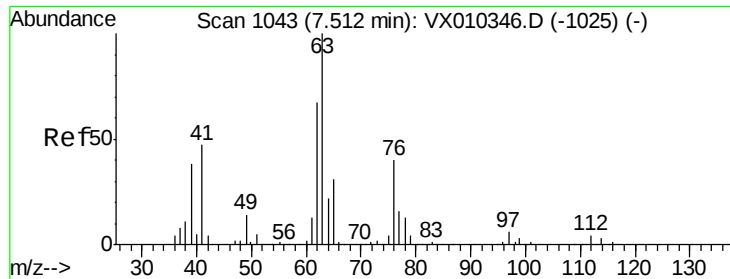


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 1.798 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

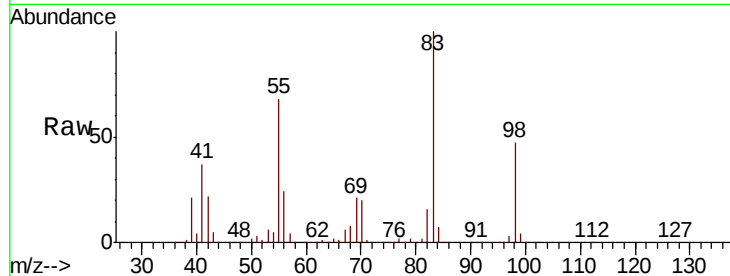
FL-0571

Tot Ion: 63 Resp: 4385

Ion Ratio Lower Upper

63 100

65 190.6 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

4000

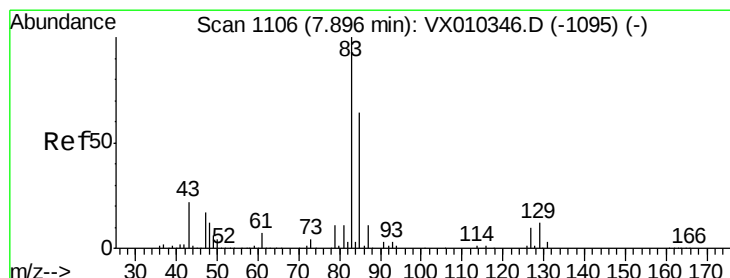
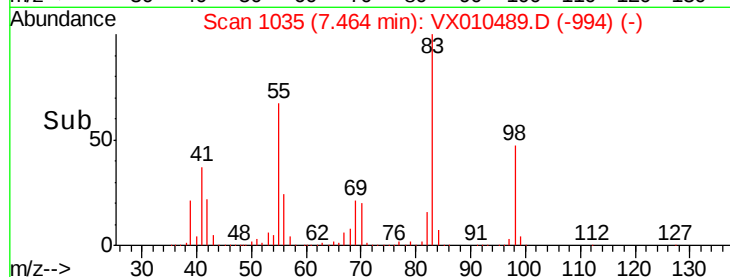
3000

2000

1000

0

Time-->



#47

Bromodichloromethane

Concen: 0.297 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

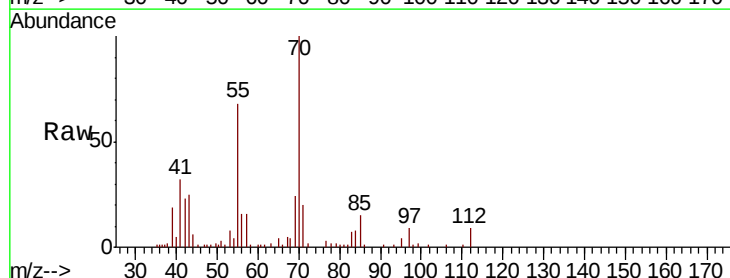
Tgt Ion: 83 Resp: 951

Ion Ratio Lower Upper

83 100

85 230.2 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

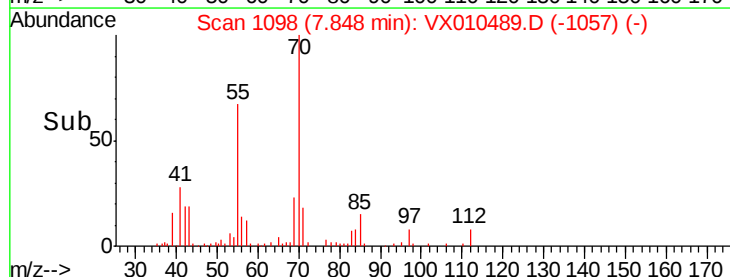
1500

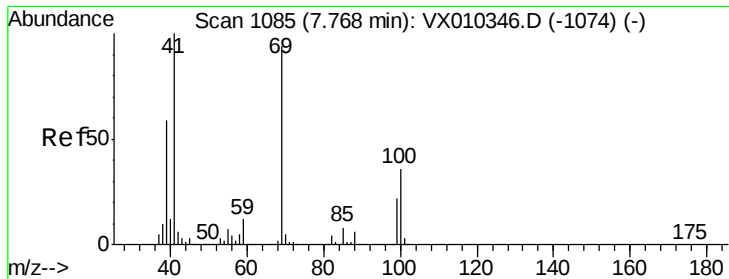
1000

500

0

Time-->

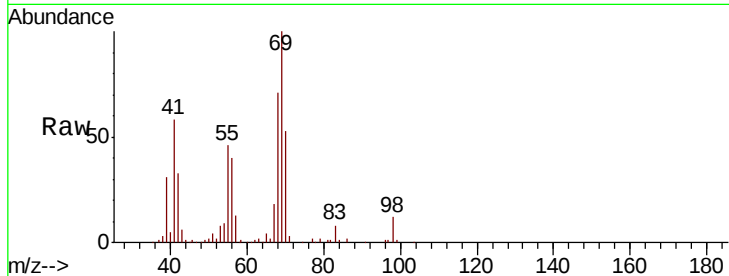




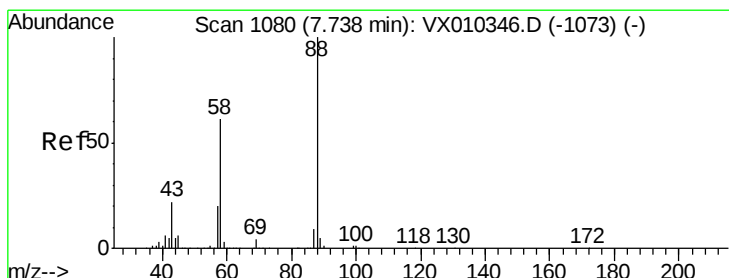
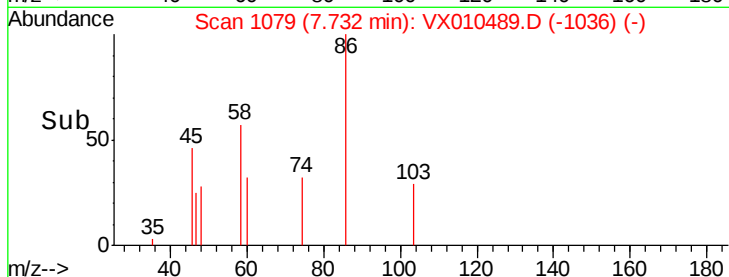
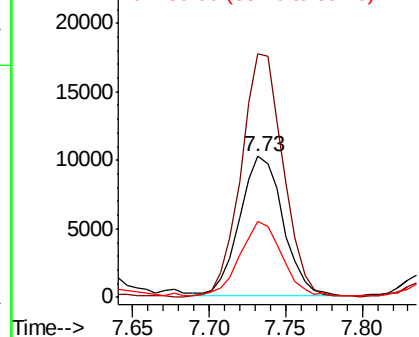
#48
Methvl methacrylate
Concen: 8.151 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Instrument :
MSVOA_X
ClientSampled :
FL-0571

Tot Ion: 41 Resp: 19984
Ion Ratio Lower Upper
41 100
69 170.8 76.1 114.1#
39 51.7 47.6 71.4

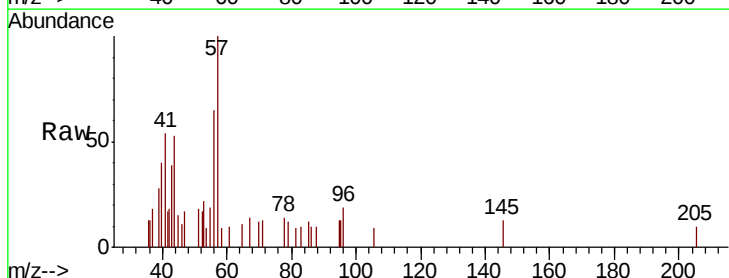


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

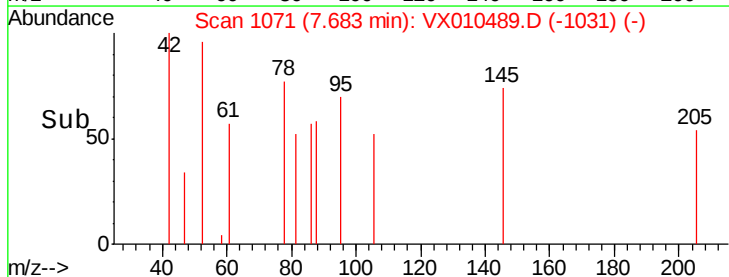
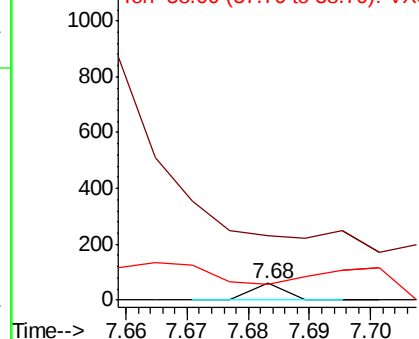


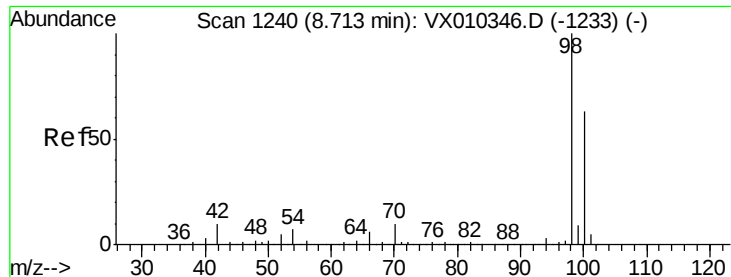
#49
1,4-Dioxane
Concen: 0.311 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.05 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 518.2 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

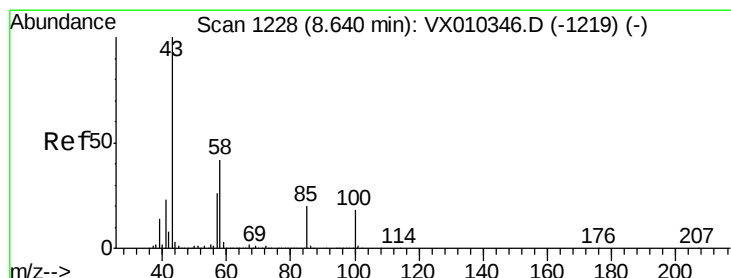
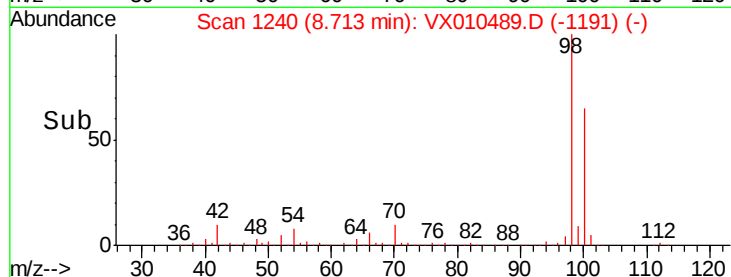
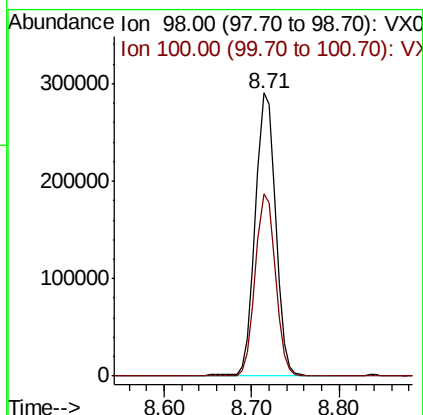
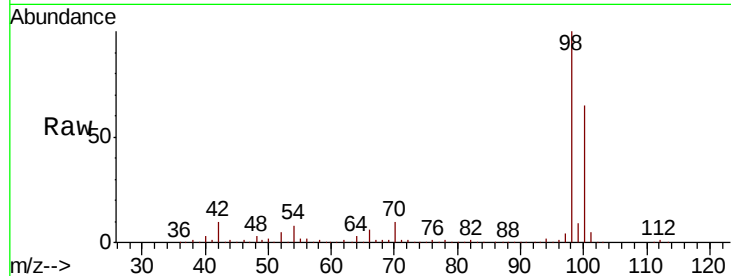




#50
Toluene-d8
Concen: 51.624 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

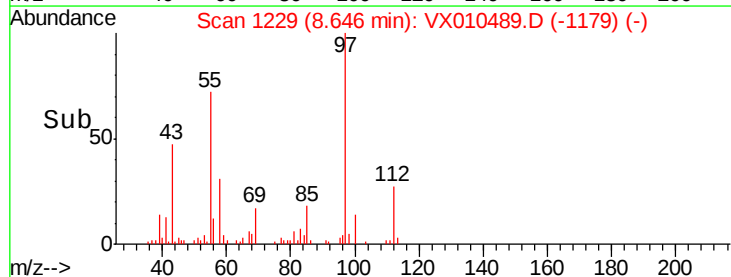
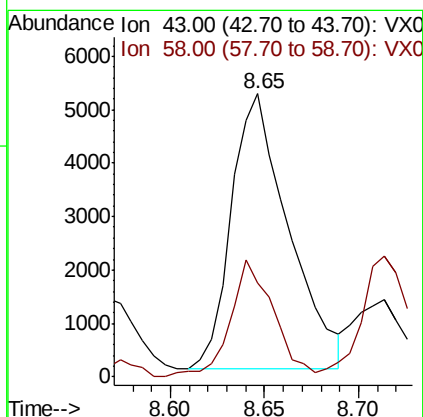
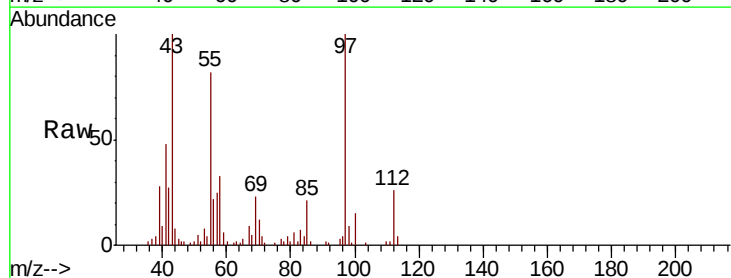
Instrument :
MSVOA_X
ClientSampleId :
FL-0571

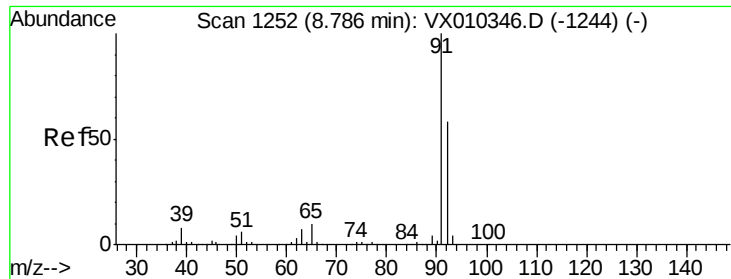
Tot Ion: 98 Resp: 471259
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 3.201 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 43 Resp: 10798
Ion Ratio Lower Upper
43 100
58 32.1 33.5 50.3#





#52

Toluene

Concen: 689.768 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

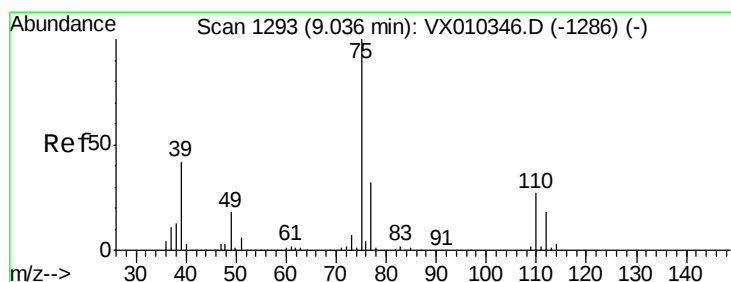
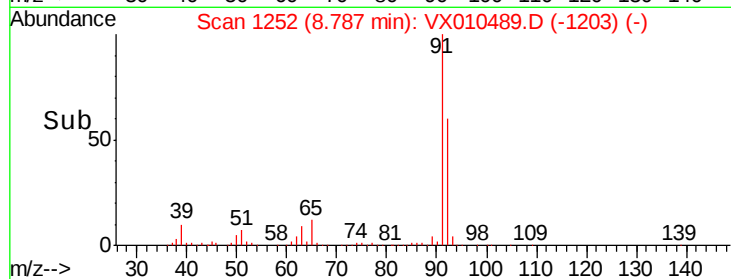
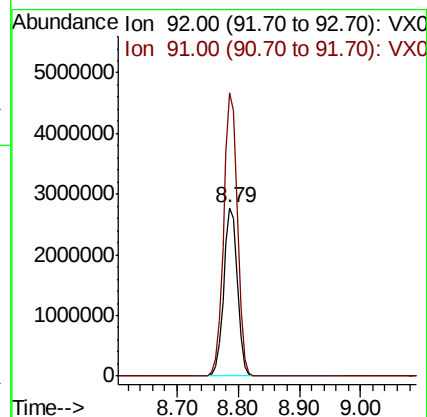
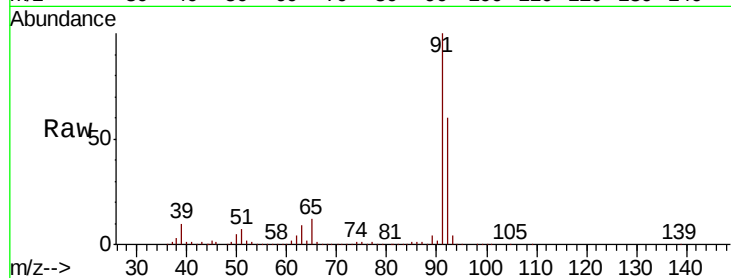
FL-0571

Tot Ion: 92 Resp: 4385669

Ion Ratio Lower Upper

92 100

91 169.7 139.8 209.6



#53

t-1,3-Dichloropropene

Concen: 14.614 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.25 min

Lab File: VX010489.D

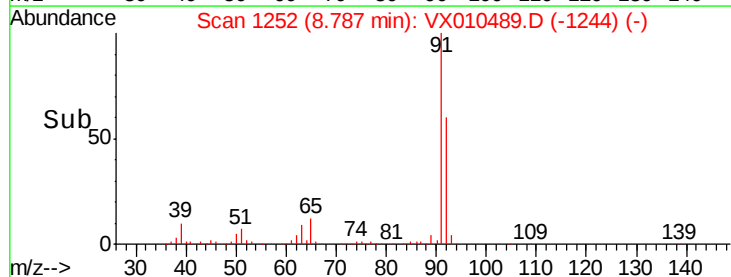
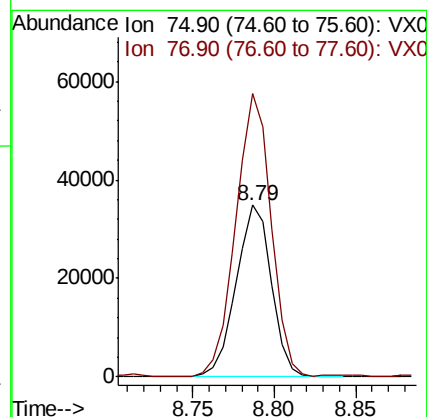
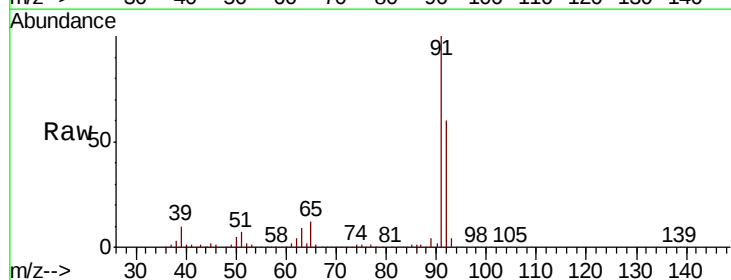
Acq: 27 Jun 2019 15:19

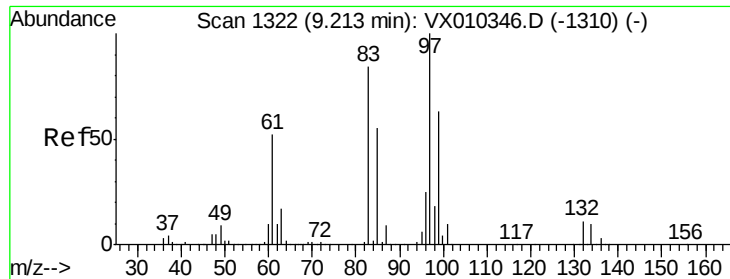
Tgt Ion: 75 Resp: 52524

Ion Ratio Lower Upper

75 100

77 164.0 25.4 38.2#





#55

1,1,2-Trichloroethane

Concen: 8.545 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

Tot Ion: 97 Resp: 22408

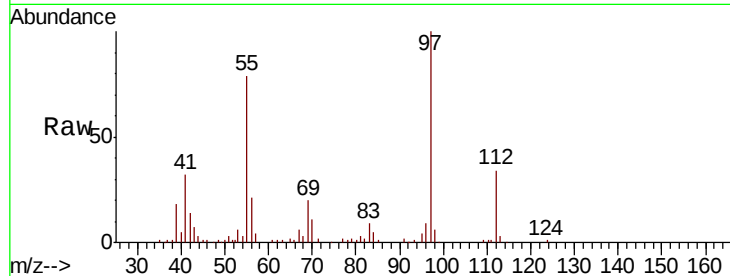
Ion Ratio Lower Upper

97 100

83 8.6 67.4 101.0#

85 0.5 43.8 65.8#

99 0.5 50.3 75.5#

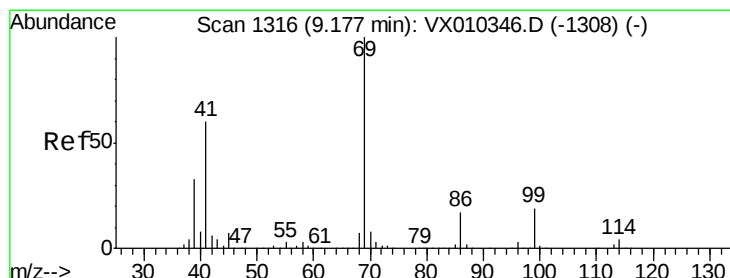
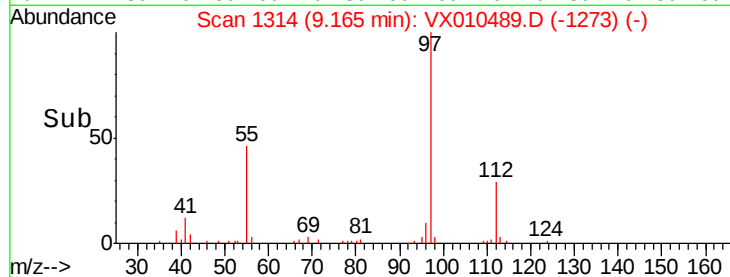
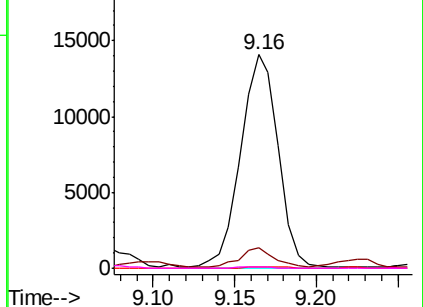


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.123 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

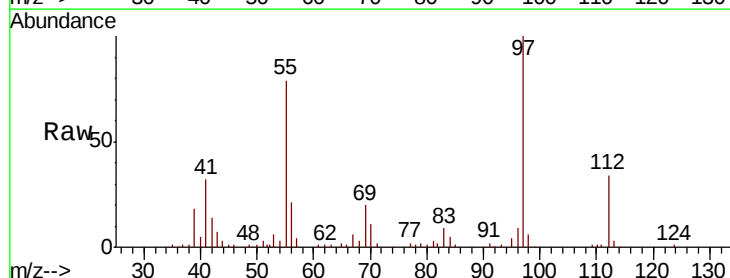
Tgt Ion: 69 Resp: 4461

Ion Ratio Lower Upper

69 100

41 138.1 47.1 70.7#

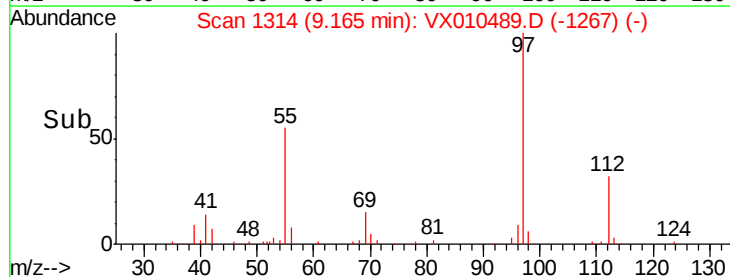
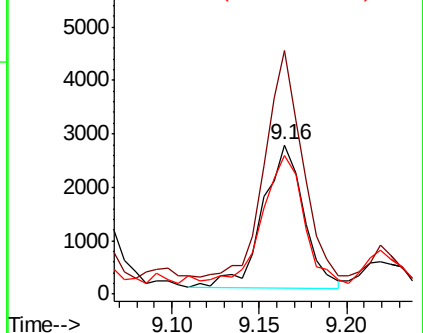
39 88.3 26.6 40.0#

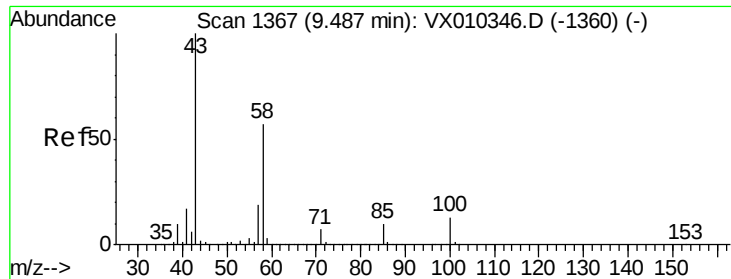


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

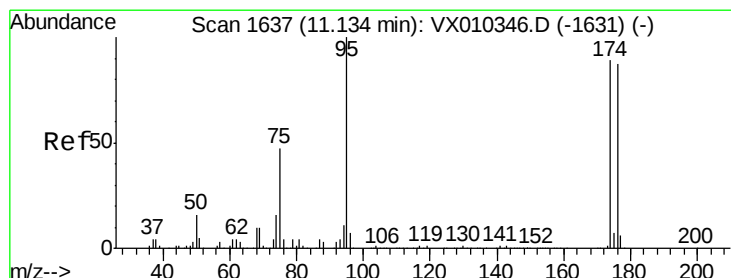
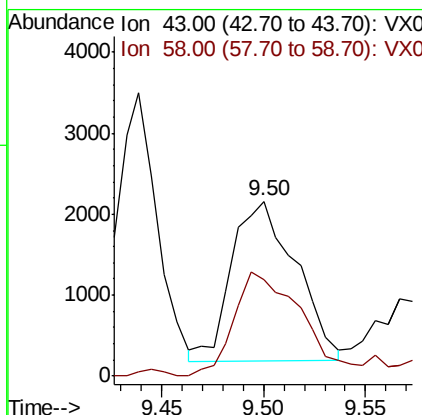
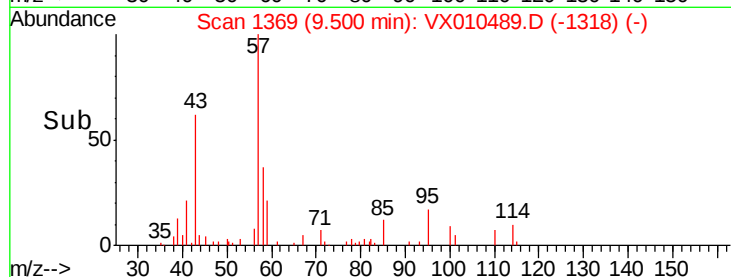
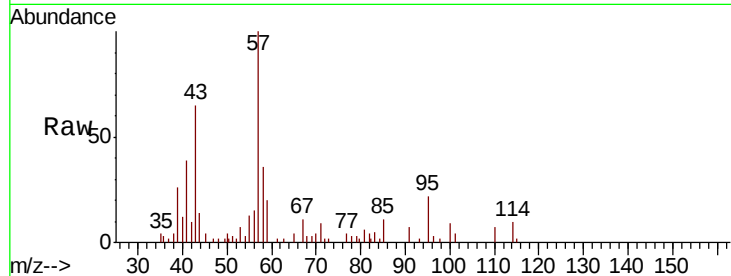




#59
2-Hexanone
Concen: 1.633 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

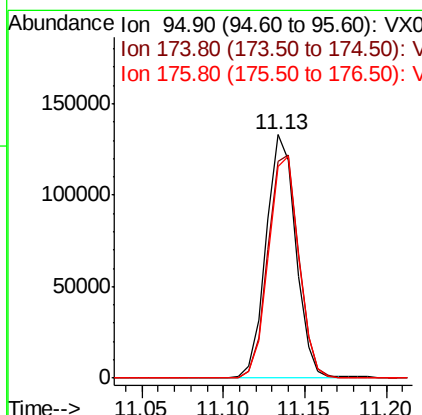
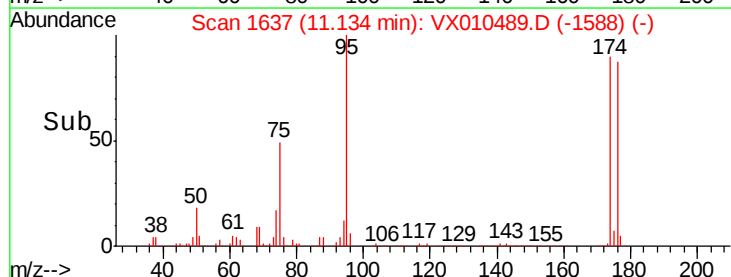
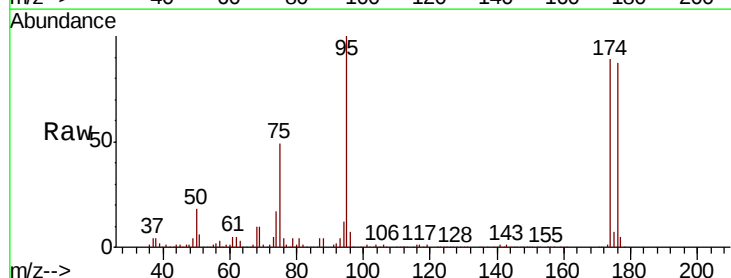
Instrument :
MSVOA_X
ClientSampleId :
FL-0571

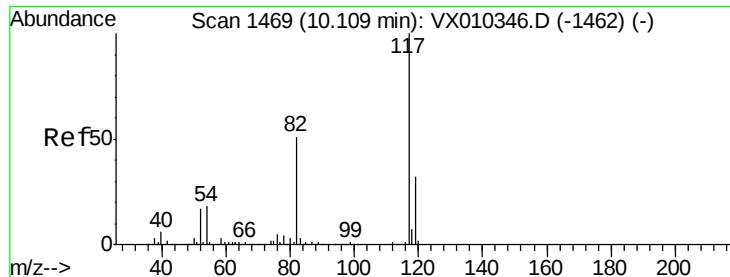
Tot Ion: 43 Resp: 4336
Ion Ratio Lower Upper
43 100
58 68.7 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 95 Resp: 167008
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.6
176 92.8 0.0 184.0

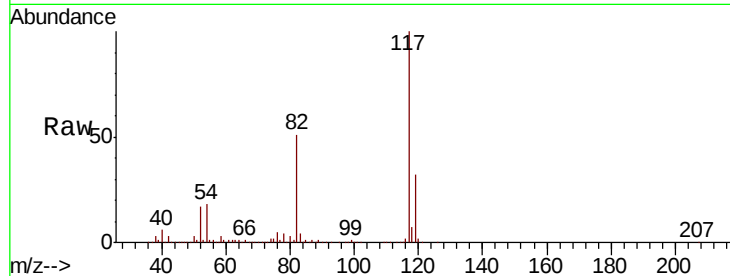




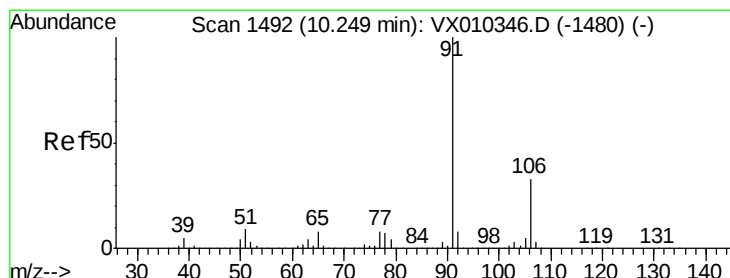
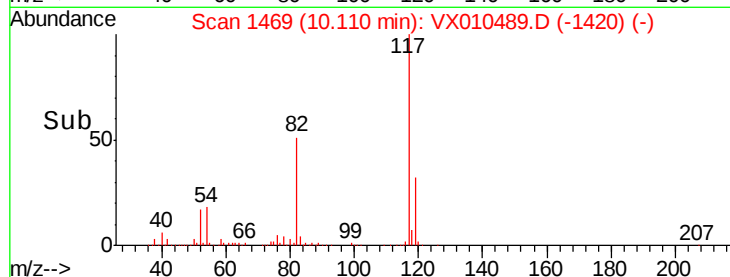
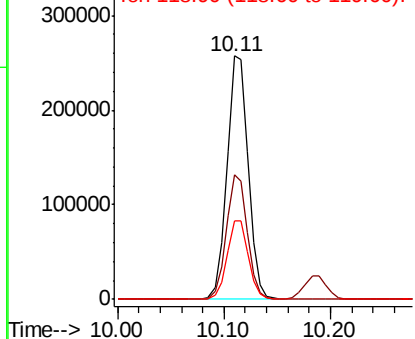
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0571

Tot Ion:117 Resp: 359223
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.0 25.5 38.3

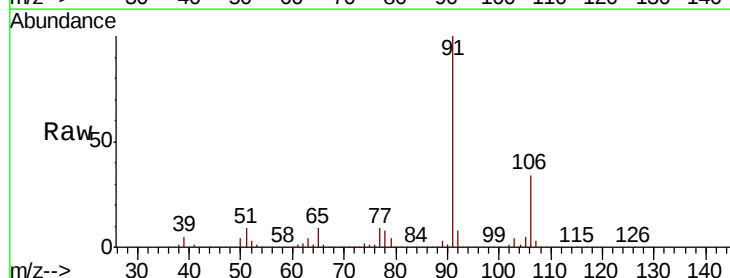


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

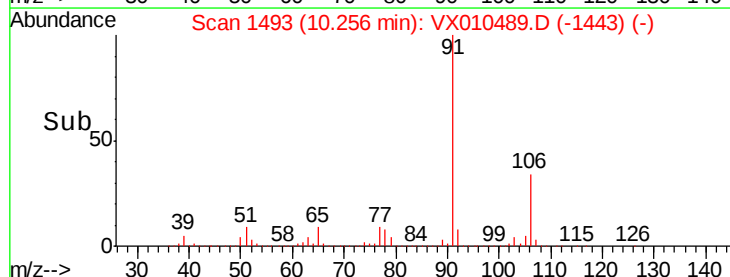
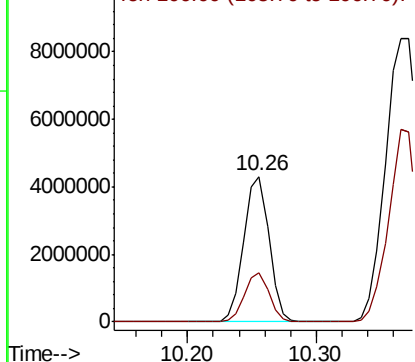


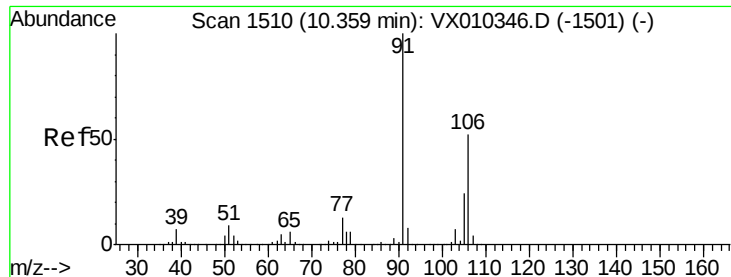
#67
Ethyl Benzene
Concen: 473.567 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 91 Resp: 5830572
Ion Ratio Lower Upper
91 100
106 33.7 26.2 39.2



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

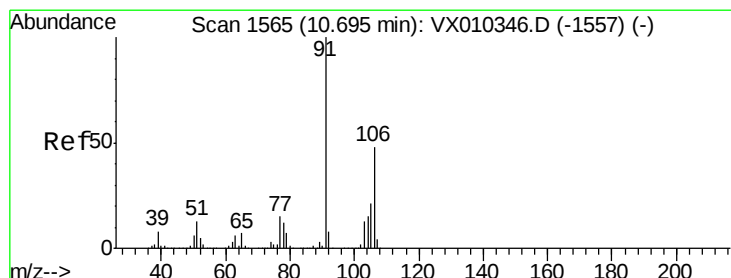
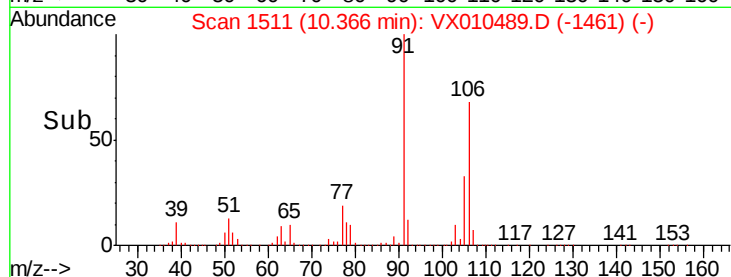
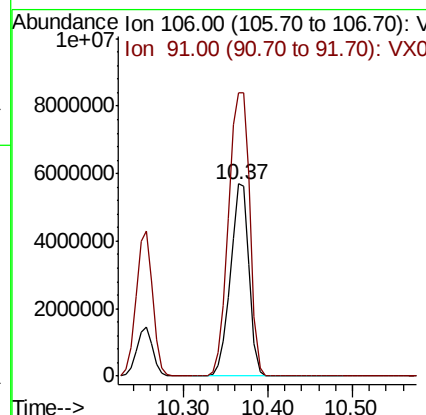
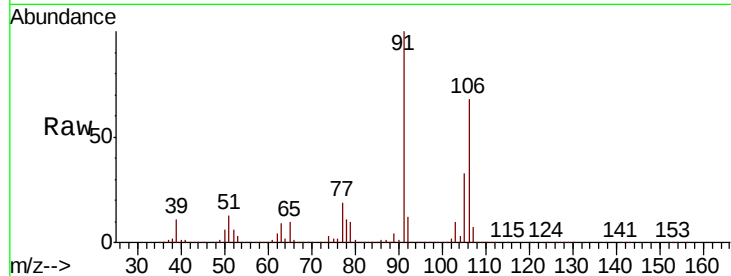




#68
m/p-Xylenes
Concen: 1809.439 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

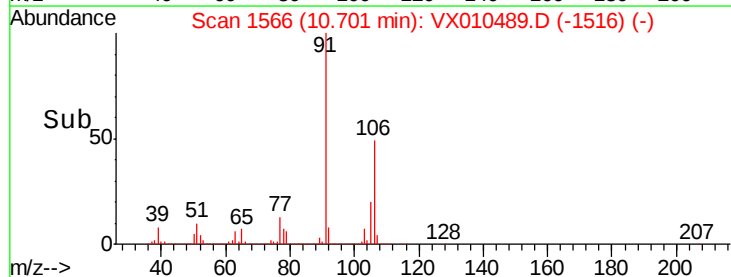
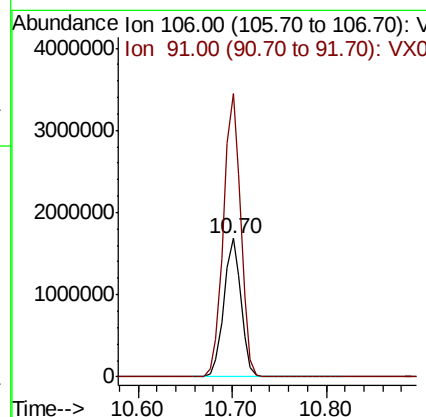
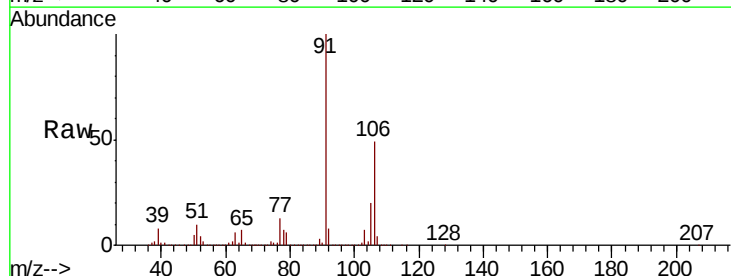
Instrument :
MSVOA_X
ClientSampleId :
FL-0571

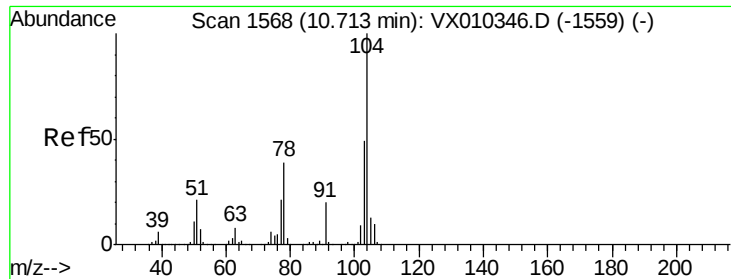
Tot Ion:106 Resp: 8632122
Ion Ratio Lower Upper
106 100
91 169.0 155.3 232.9



#69
o-Xylene
Concen: 450.484 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion:106 Resp: 2113424
Ion Ratio Lower Upper
106 100
91 207.2 102.7 308.1

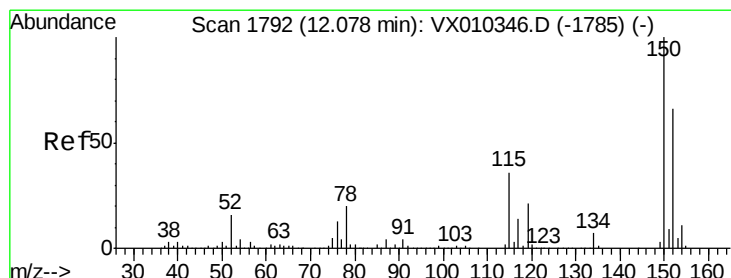
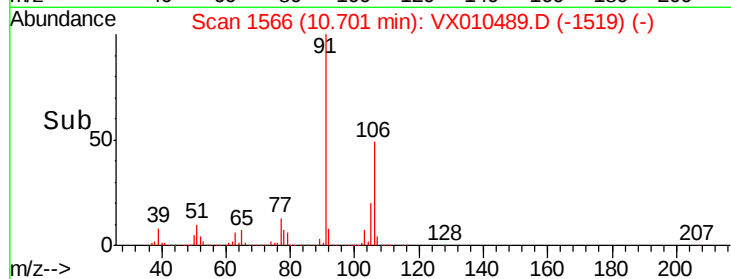
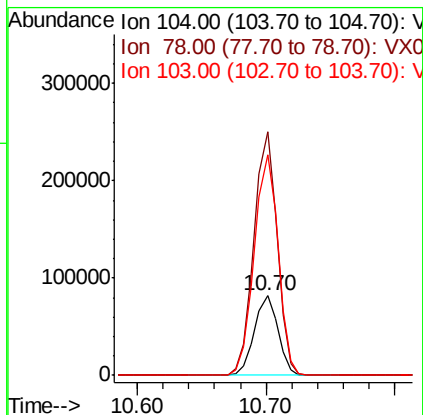
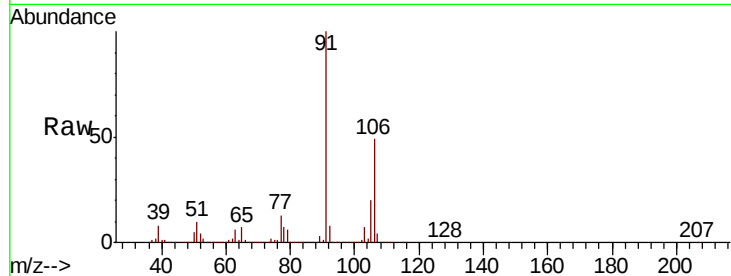




#70
Stvrene
Concen: 13.128 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

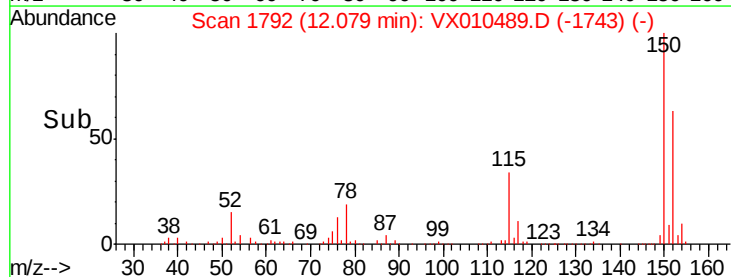
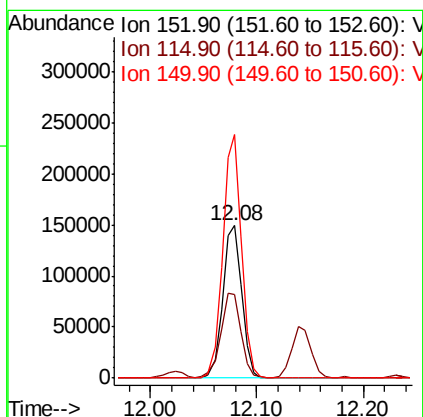
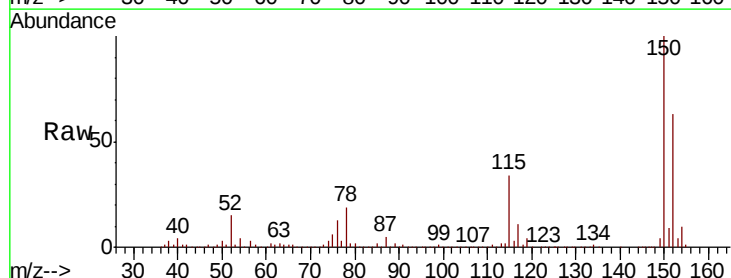
Instrument :
MSVOA_X
ClientSampleId :
FL-0571

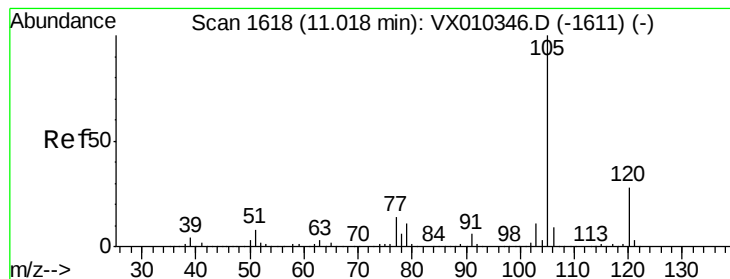
Tot Ion	Ratio	Lower	Upper
104	100		
78	299.3	36.2	54.2#
103	280.7	44.2	66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	38.6	115.7
150	156.6	0.0	347.4





#73

Isopropylbenzene

Concen: 47.297 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

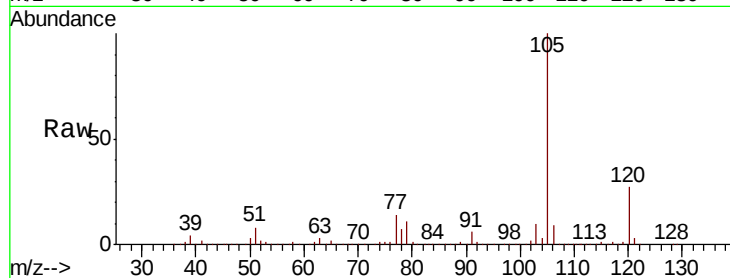
FL-0571

Tot Ion:105 Resp: 595245

Ion Ratio Lower Upper

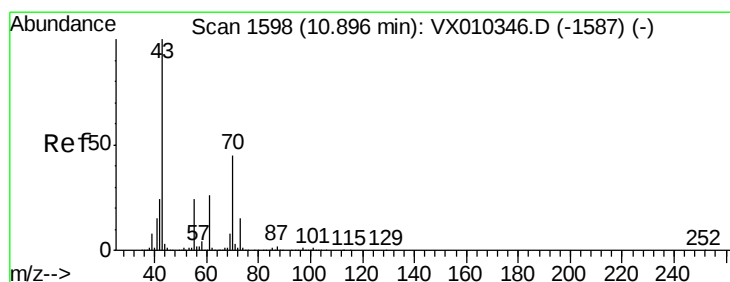
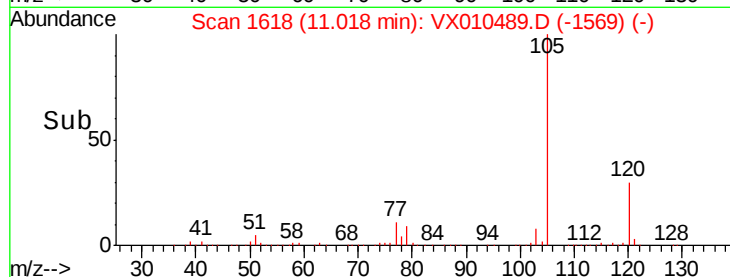
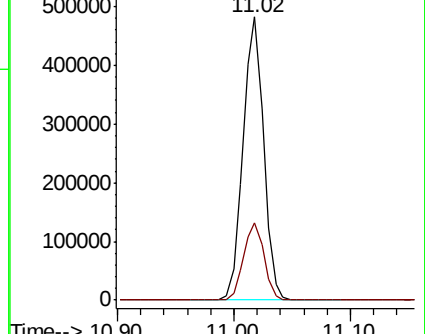
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.667 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Tgt Ion: 43 Resp: 12687

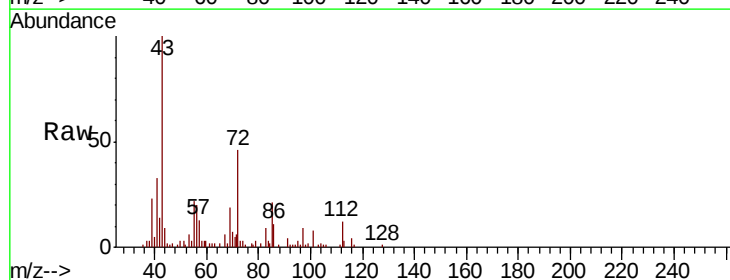
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

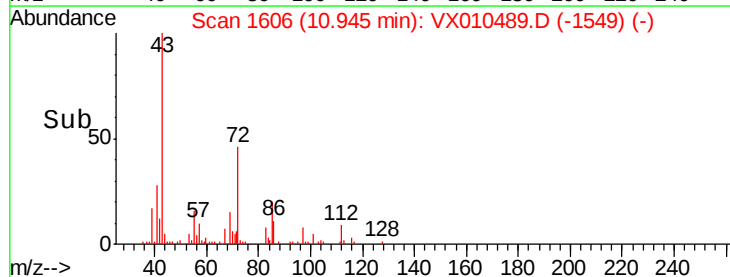
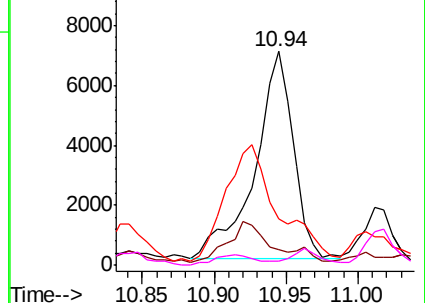


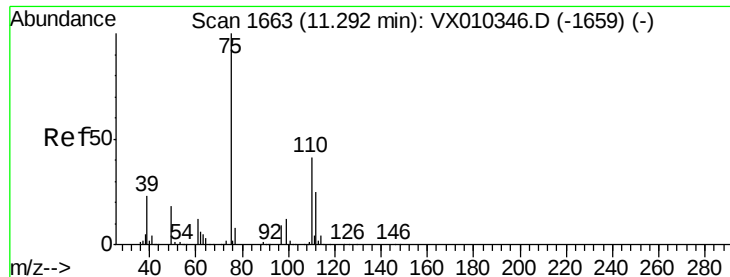
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 1.297 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.06 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

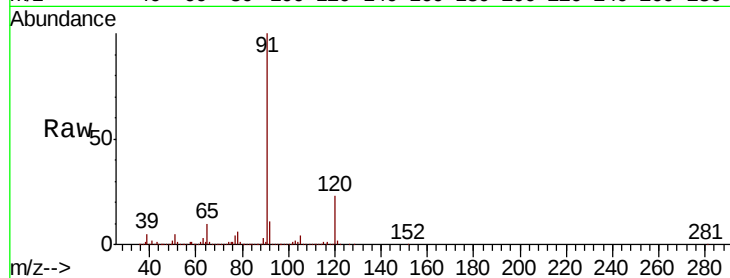
FL-0571

Tot Ion: 75 Resp: 4388

Ion Ratio Lower Upper

75 100

77 540.7 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

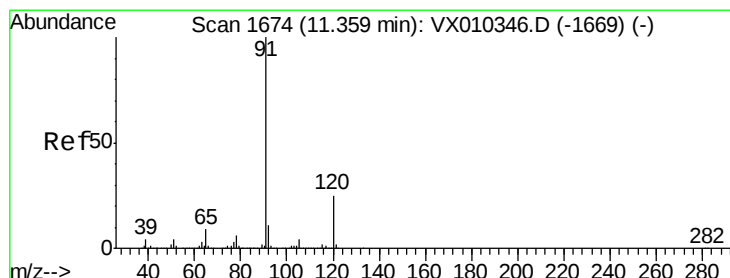
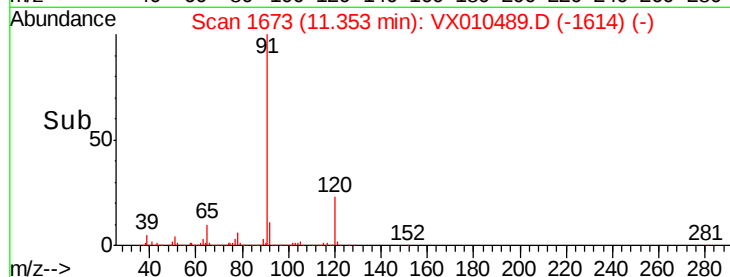
100000

50000

0

11.30 11.35 11.40

Time-->



#78

n-propylbenzene

Concen: 45.901 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010489.D

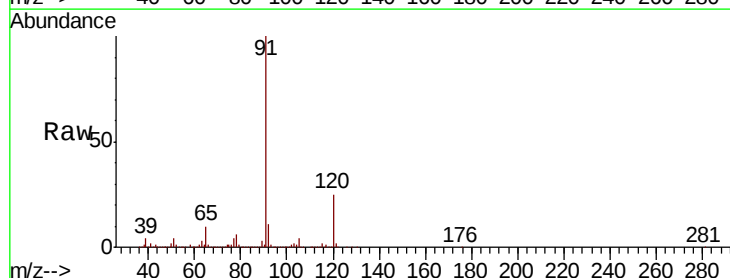
Acq: 27 Jun 2019 15:19

Tgt Ion: 91 Resp: 634891

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

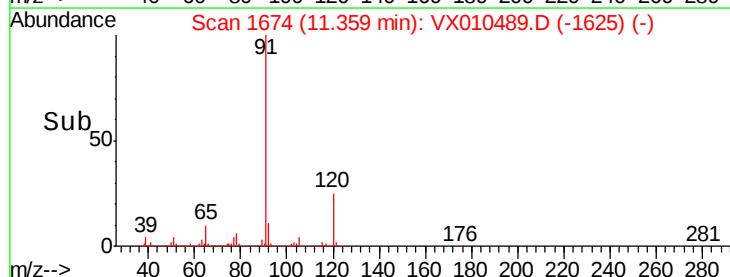
200000

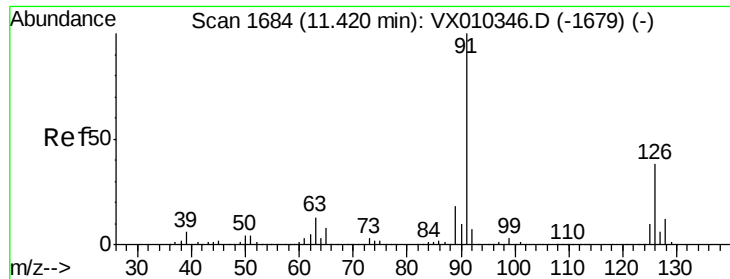
100000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 43.781 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

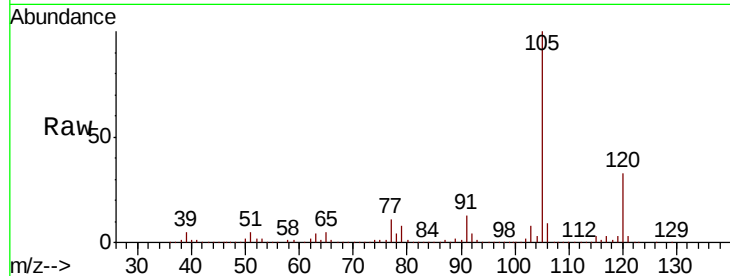
FL-0571

Tot Ion: 91 Resp: 360596

Ion Ratio Lower Upper

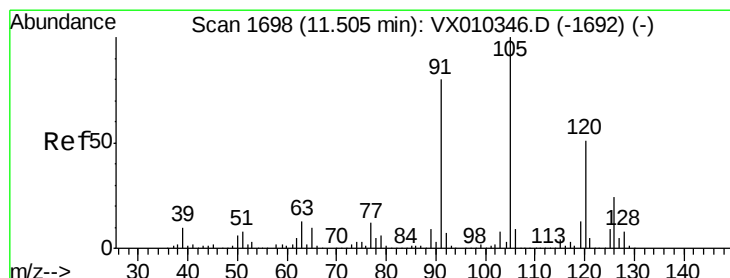
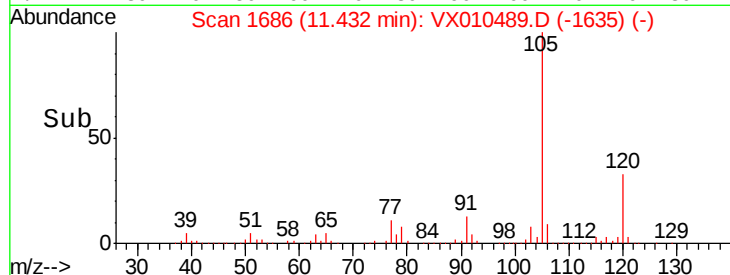
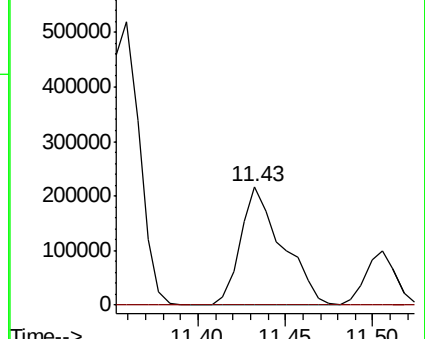
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 106.442 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010489.D

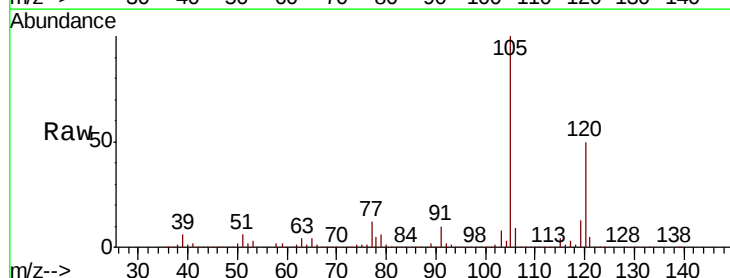
Acq: 27 Jun 2019 15:19

Tgt Ion:105 Resp: 1104333

Ion Ratio Lower Upper

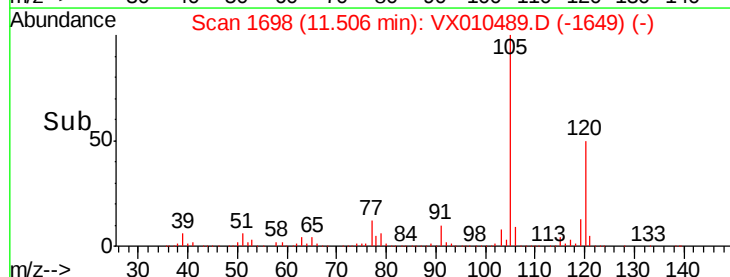
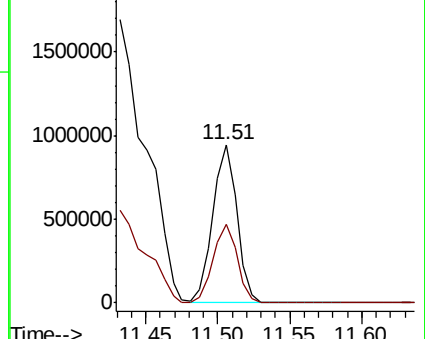
105 100

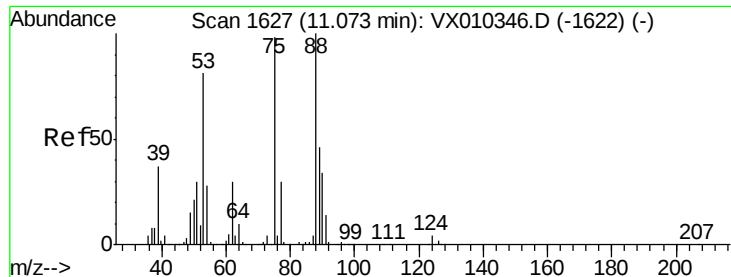
120 50.0 25.2 75.6



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: 4.813 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

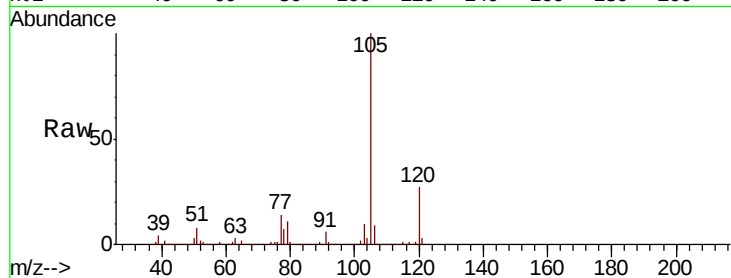
Tot Ion: 75 Resp: 6980

Ion Ratio Lower Upper

75 100

53 94.4 66.1 99.1

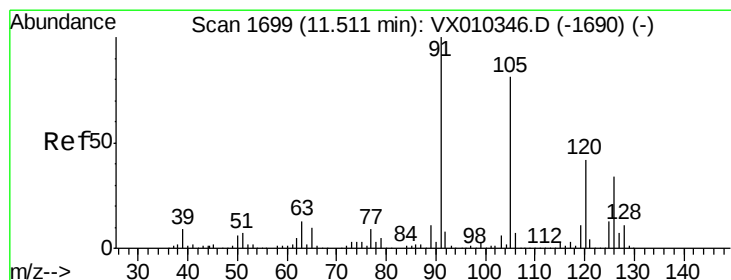
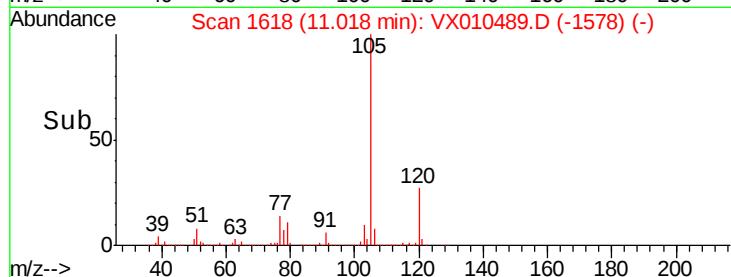
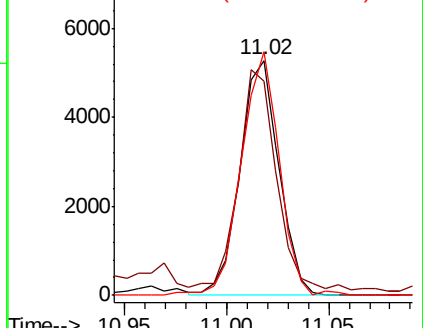
89 101.0 37.8 56.6#



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: 12.430 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010489.D

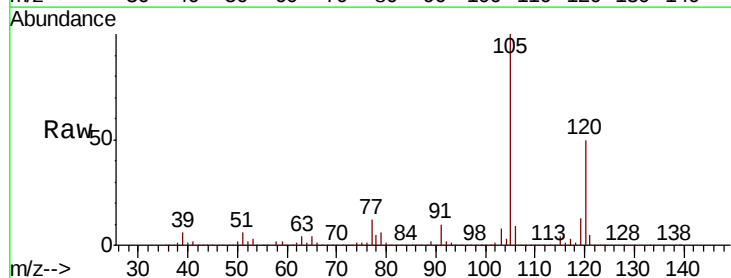
Acq: 27 Jun 2019 15:19

Tgt Ion: 91 Resp: 116498

Ion Ratio Lower Upper

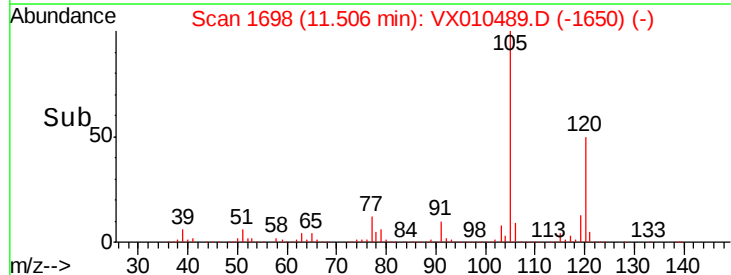
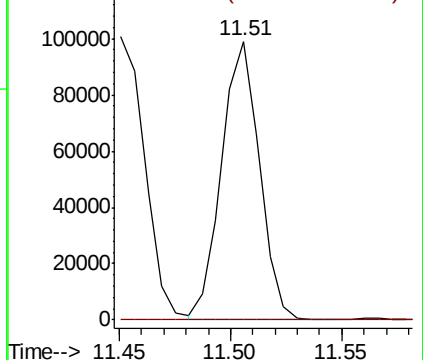
91 100

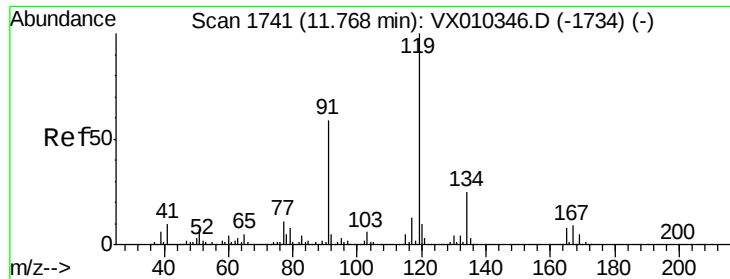
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.555 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

FL-0571

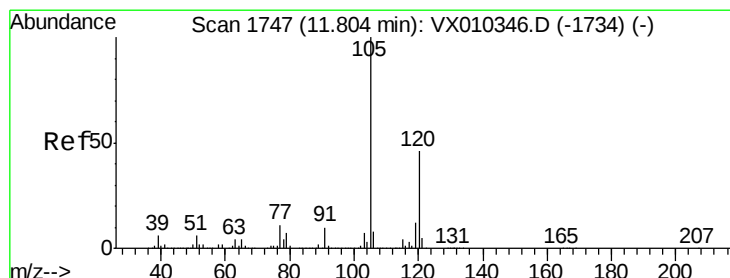
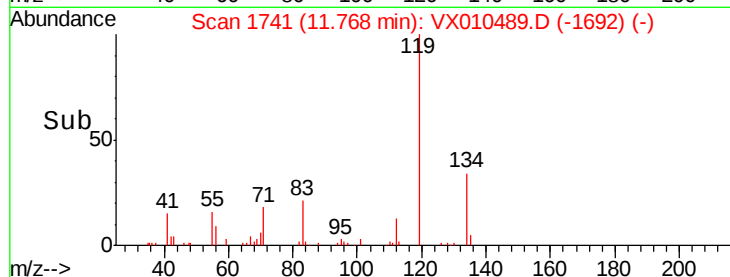
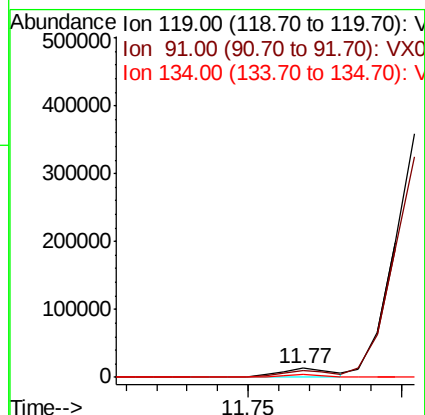
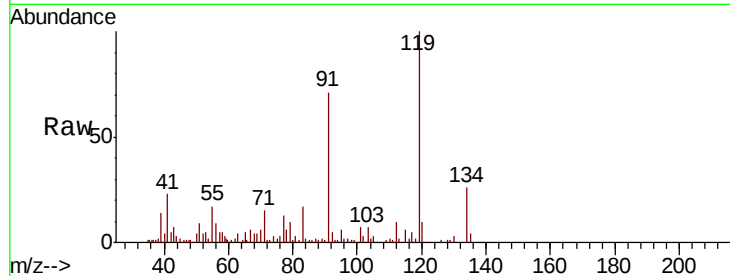
Tot Ion:119 Resp: 16191

Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

134 26.3 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 353.191 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010489.D

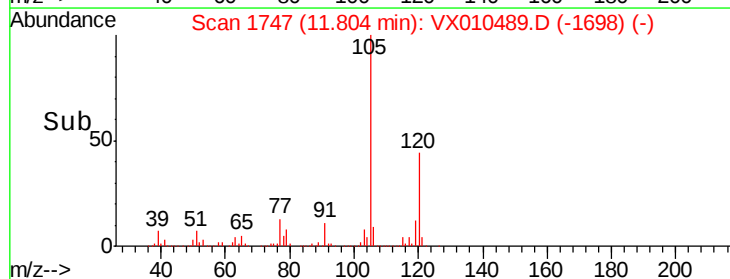
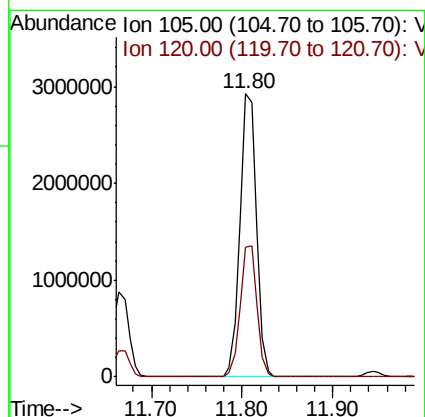
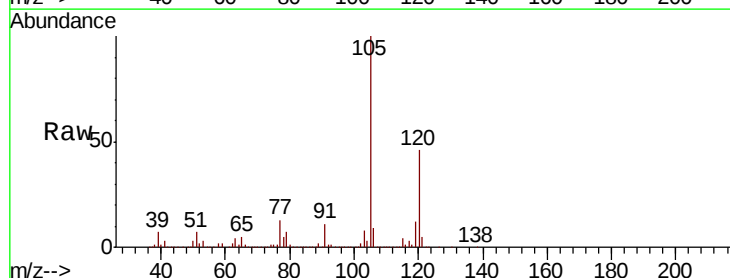
Acq: 27 Jun 2019 15:19

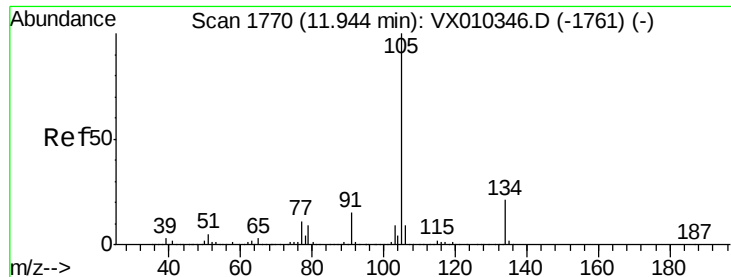
Tgt Ion:105 Resp: 3681527

Ion Ratio Lower Upper

105 100

120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 301.110 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

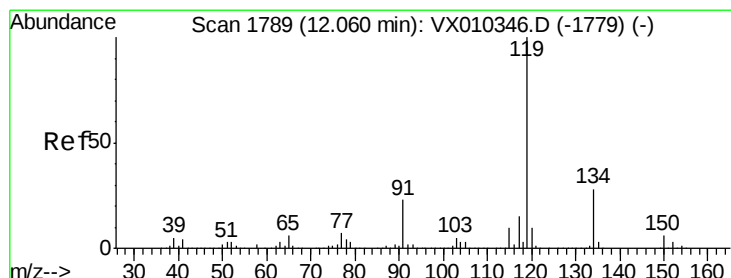
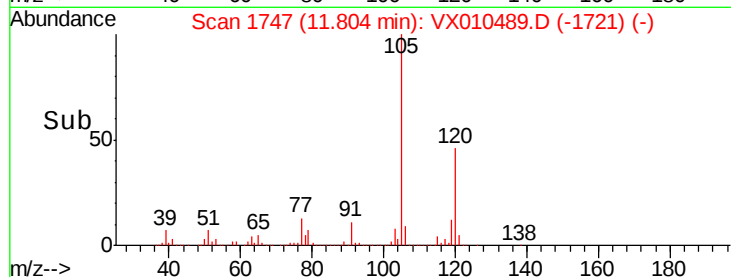
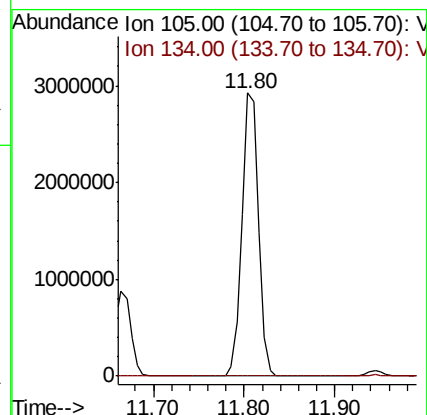
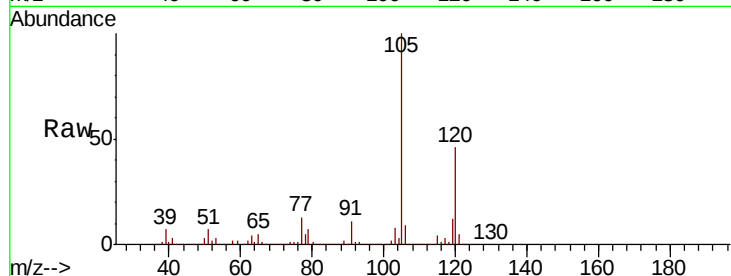
FL-0571

Tot Ion:105 Resp: 3681527

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#



#86

p-Isopropyltoluene

Concen: 7.502 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

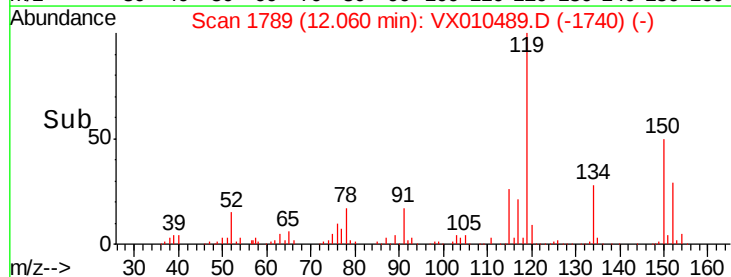
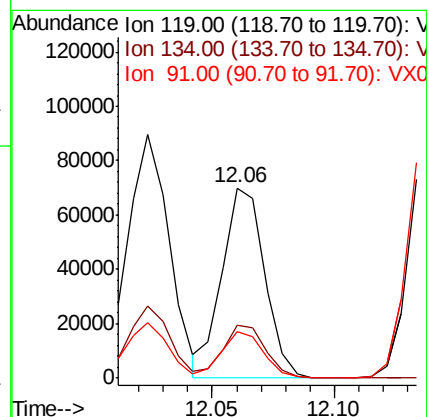
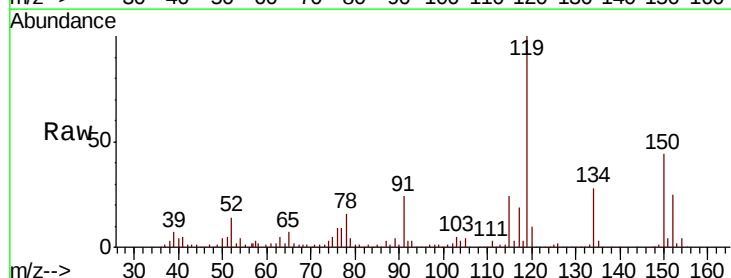
Tgt Ion:119 Resp: 84840

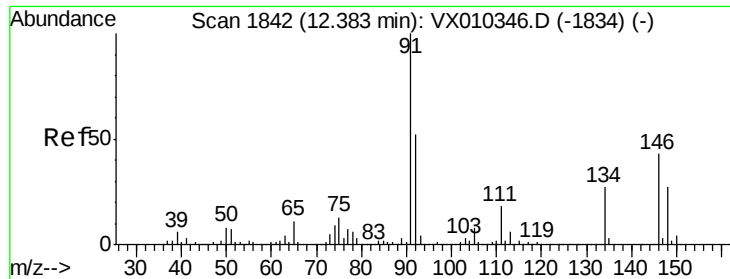
Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.1

91 23.7 11.3 33.8

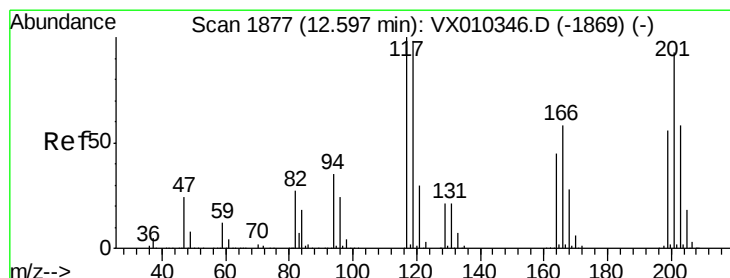
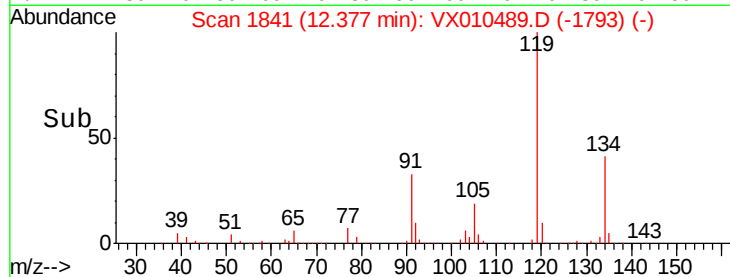
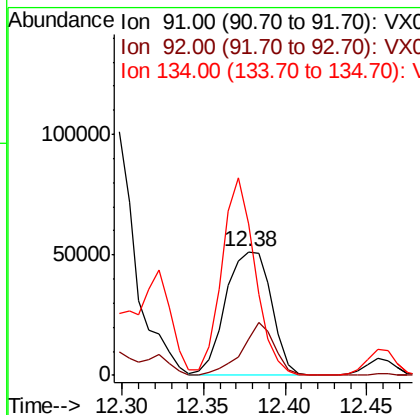
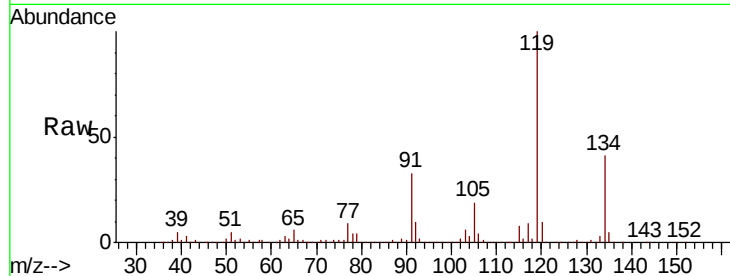




#89
n-Butylbenzene
Concen: 10.377 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

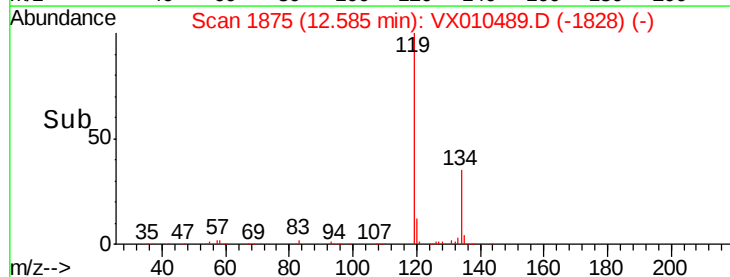
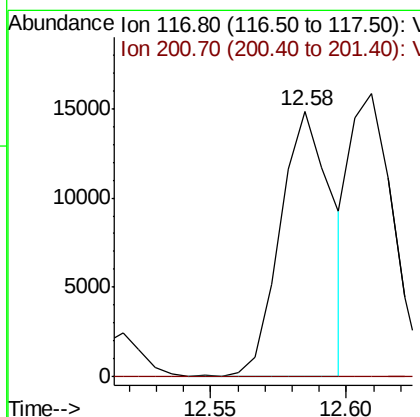
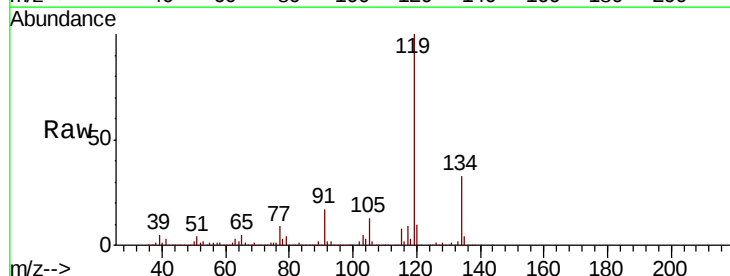
Instrument :
MSVOA_X
ClientSampled :
FL-0571

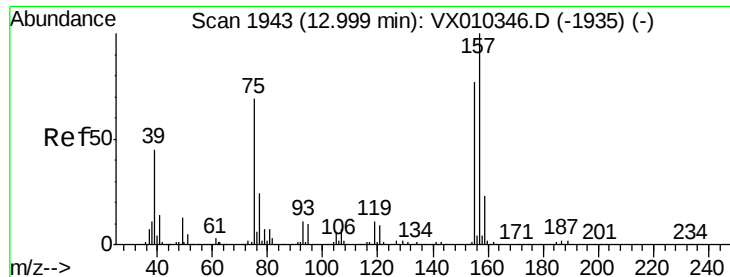
Tot Ion: 91 Resp: 99727
Ion Ratio Lower Upper
91 100
92 30.6 26.2 78.5
134 117.5 14.1 42.4#



#90
Hexachloroethane
Concen: 10.096 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010489.D
Acq: 27 Jun 2019 15:19

Tgt Ion: 117 Resp: 19743
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.951 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0571

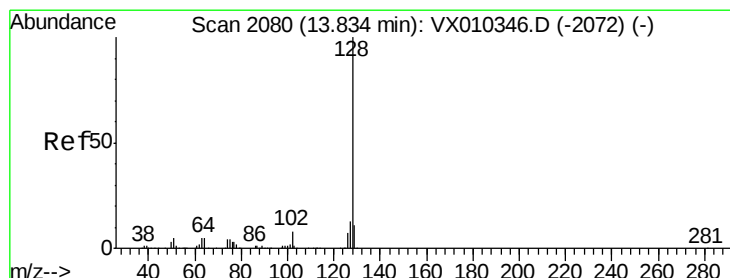
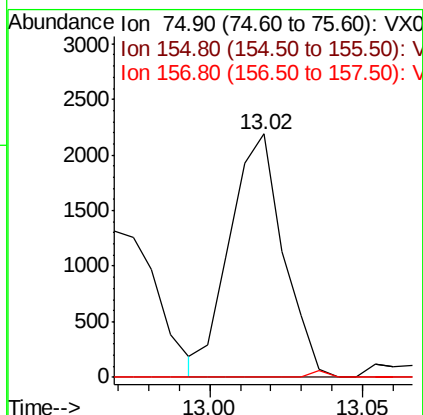
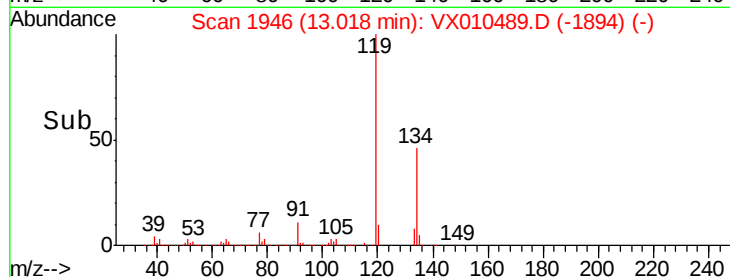
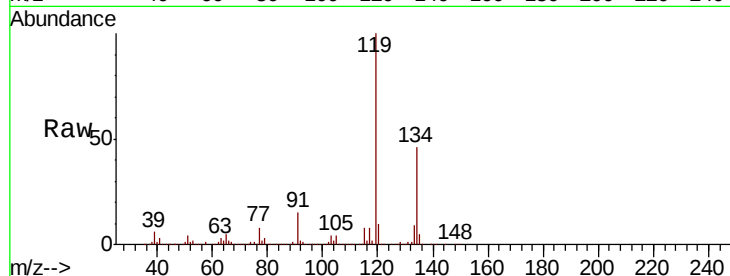
Tot Ion: 75 Resp: 2652

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.8 69.5 208.3#



#95

Naphthalene

Concen: 137.435 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010489.D

Acq: 27 Jun 2019 15:19

Tgt Ion:128 Resp: 1785620

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.9 13.3

