

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011005.D
 Acq On : 19 Jul 2019 16:14
 Operator : JC/SP
 Sample : K3884-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

Quant Time: Jul 20 01:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176389	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	130956	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	114962	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	458892	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	178505	55.47	ug/l	0.00
Spiked Amount			Recovery	=	110.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77	0.576	ug/l #	43
3) Chloromethane	1.30	50	3279	1.490	ug/l #	60
5) Bromomethane	1.65	94	861	0.681	ug/l	98
6) Chloroethane	1.92	64	316	0.222	ug/l #	54
11) Tert butyl alcohol	3.01	59	1020	1.721	ug/l #	73
13) Acrolein	2.26	56	1009	2.946	ug/l #	1
14) Allyl chloride	2.85	41	47542	15.359	ug/l #	57
15) Acrylonitrile	3.18	53	17987	15.018	ug/l #	39
16) Acetone	2.44	43	8726	7.591	ug/l	96
17) Carbon Disulfide	2.58	76	3761	0.688	ug/l #	85
18) Methyl Acetate	2.84	43	115801	44.242	ug/l #	48
25) 2-Butanone	4.68	43	22601	13.697	ug/l	95
26) 2,2-Dichloropropane	4.40	77	13396	4.303	ug/l #	50
29) Tetrahydrofuran	5.15	42	246	0.235	ug/l #	64
31) Cyclohexane	5.59	56	1338129	387.226	ug/l	98
36) 1,1-Dichloropropene	5.67	75	16356	5.415	ug/l #	49
37) Ethyl Acetate	4.68	43	22601	7.307	ug/l #	67
38) Carbon Tetrachloride	5.67	117	22590	7.177	ug/l #	17
39) Methylcyclohexane	7.46	83	1208947	308.617	ug/l	98
43) Isopropyl Acetate	6.46	43	15872	3.121	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	12236	5.196	ug/l #	1
47) Bromodichloromethane	7.85	83	2037	0.680	ug/l #	1
48) Methyl methacrylate	7.73	41	52346	21.127	ug/l #	54
51) 4-Methyl-2-Pentanone	8.66	43	10594	3.213	ug/l #	35
52) Toluene	8.78	92	176190	28.985	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	57529	22.985	ug/l #	18
56) Ethyl methacrylate	9.16	69	11662	3.185	ug/l #	1
60) Dibromochloromethane	9.33	129	56	2.546	ug/l #	11
67) Ethyl Benzene	10.26	91	10141362	820.211	ug/l	92
68) m/p-Xylenes	10.37	106	12022691	2534.909	ug/l #	65
69) o-Xylene	10.71	106	6449763	1393.403	ug/l	88
70) Styrene	10.71	104	331032	42.901	ug/l #	1
73) Isopropylbenzene	11.02	105	985028	82.646	ug/l	100
74) N-amyl acetate	10.91	43	2533	0.556	ug/l #	1

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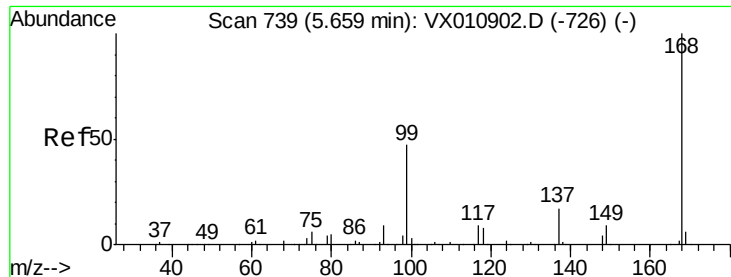
Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jul 20 01:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	11.27	83	2499	0.641	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	8021	2.520	ug/l #	1
78) n-propylbenzene	11.36	91	1307993	99.323	ug/l	99
79) 2-Chlorotoluene	11.43	91	677170	85.599	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	2185195	219.415	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	11718	12.564	ug/l #	65
82) 4-Chlorotoluene	11.51	91	234891	25.511	ug/l #	43
83) tert-Butylbenzene	11.77	119	24346	2.489	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.81	105	5815002	579.307	ug/l	98
85) sec-Butylbenzene	11.81	105	5815002	507.310	ug/l #	55
86) p-Isopropyltoluene	12.06	119	129103	12.183	ug/l	99
89) n-Butylbenzene	12.38	91	158635	17.498	ug/l #	21
90) Hexachloroethane	12.58	117	27161	16.250	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3065	3.759	ug/l #	1
95) Naphthalene	13.83	128	3049124	269.459	ug/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. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

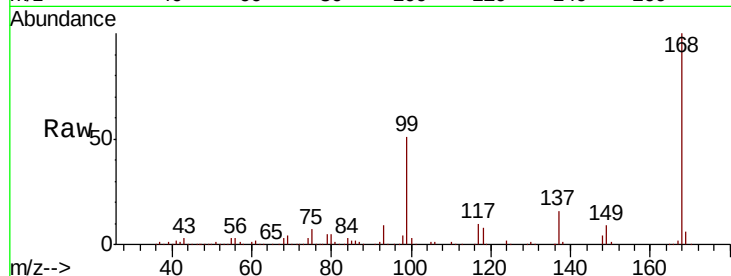
FL-0620

Tot Ion:168 Resp: 239237

Ion Ratio Lower Upper

168 100

99 51.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

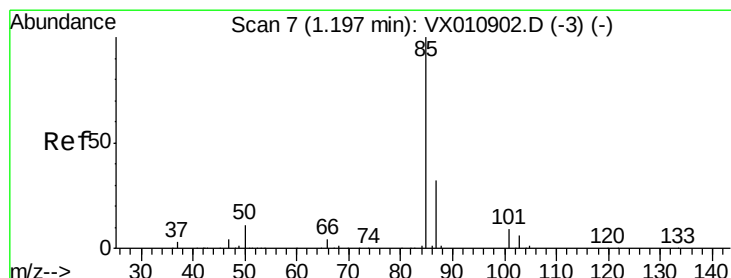
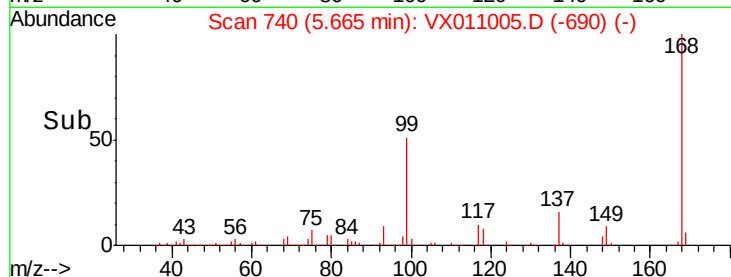
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.576 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX011005.D

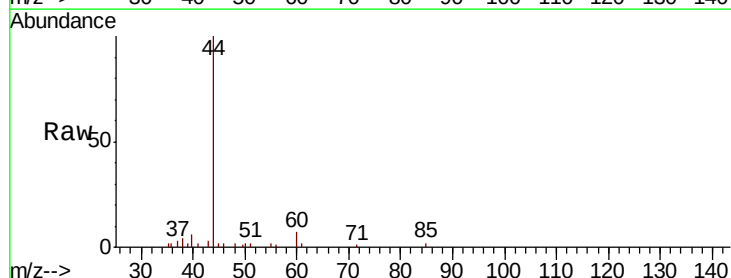
Acq: 19 Jul 2019 16:14

Tgt Ion: 85 Resp: 77

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80

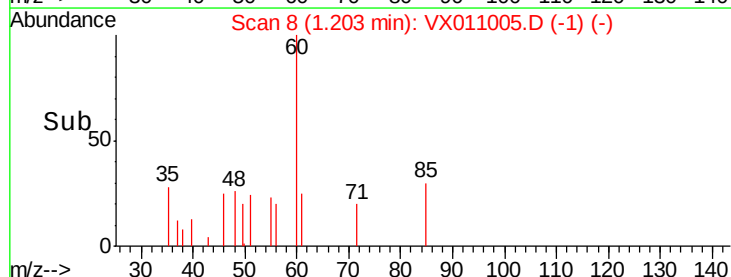
60

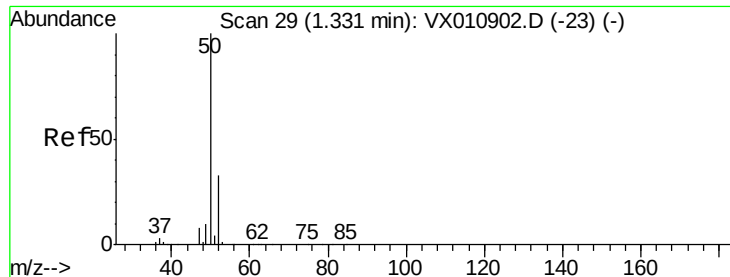
40

20

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 1.490 ug/l

RT: 1.30 min Scan# 24

Delta R.T. -0.03 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

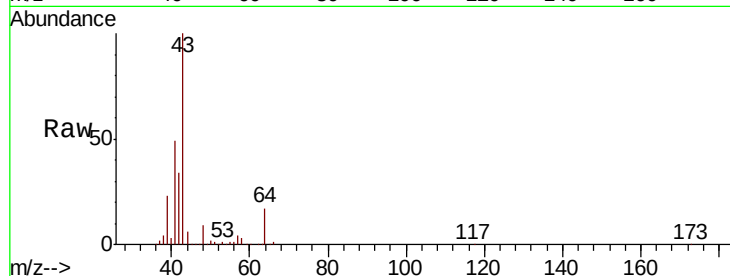
FL-0620

Tot Ion: 50 Resp: 3279

Ion Ratio Lower Upper

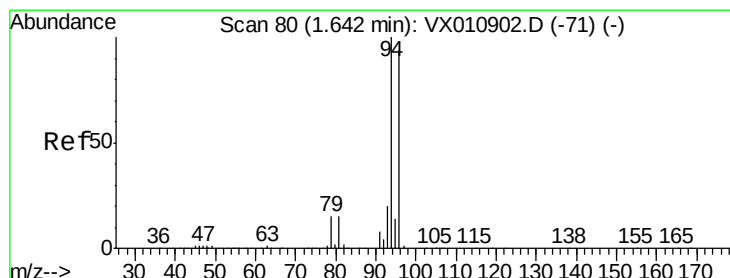
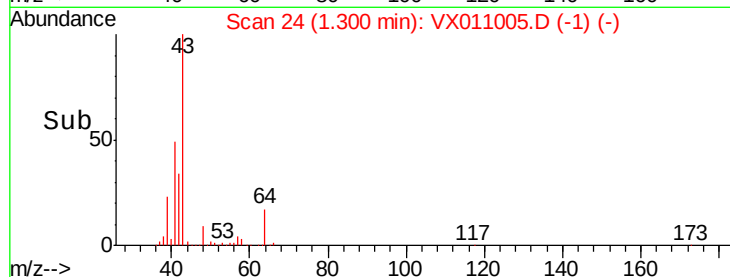
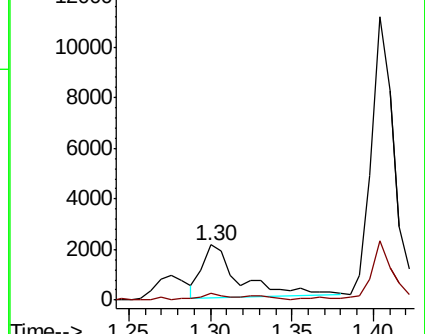
50 100

52 10.5 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.681 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011005.D

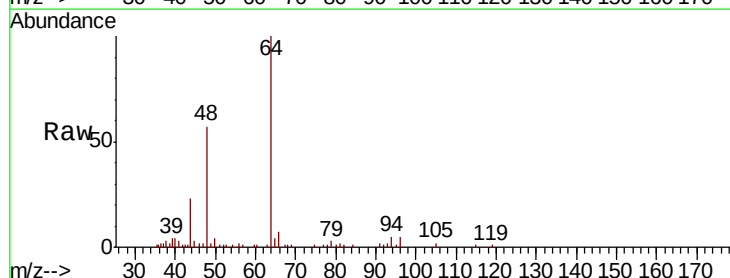
Acq: 19 Jul 2019 16:14

Tgt Ion: 94 Resp: 861

Ion Ratio Lower Upper

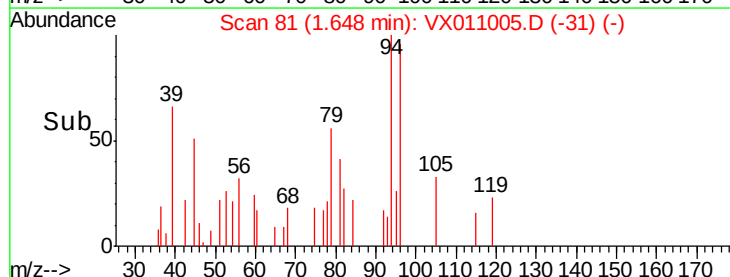
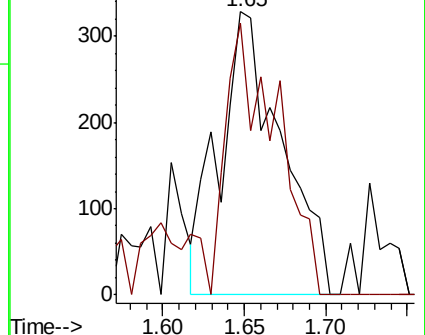
94 100

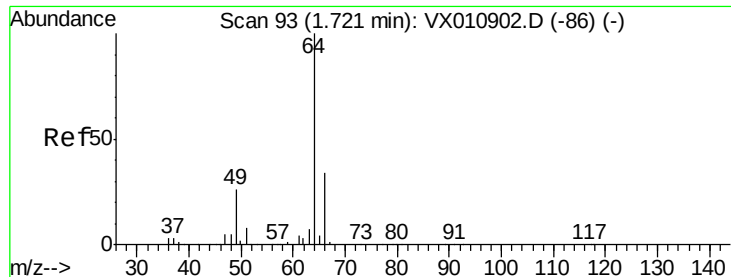
96 96.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.222 ug/l

RT: 1.92 min Scan# 125

Delta R.T. 0.20 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

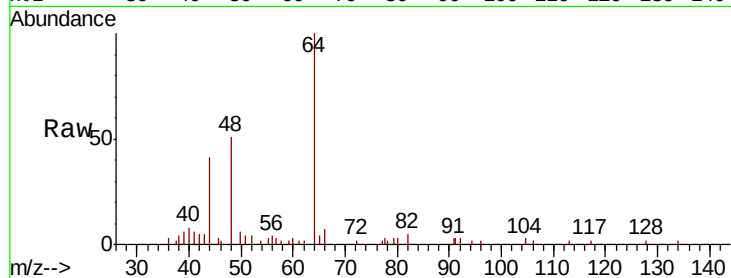
FL-0620

Tot Ion: 64 Resp: 316

Ion Ratio Lower Upper

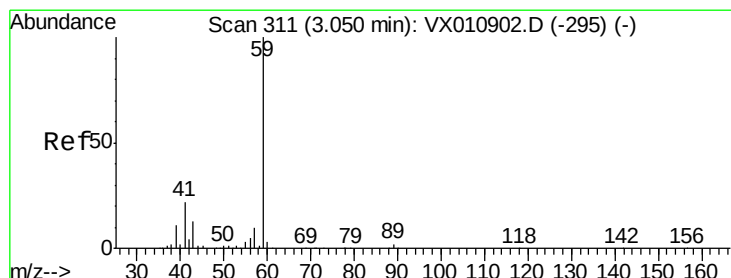
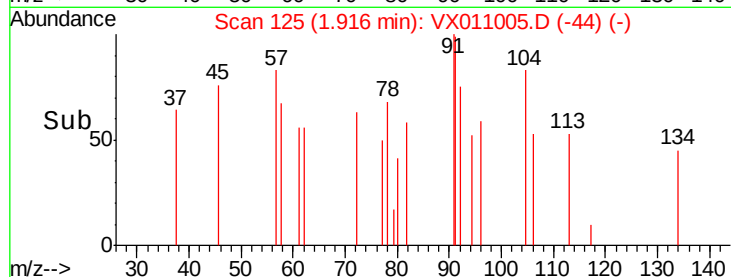
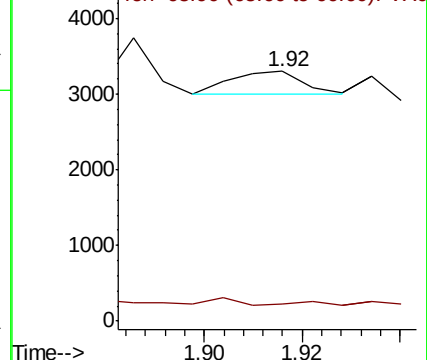
64 100

66 7.3 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 1.721 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX011005.D

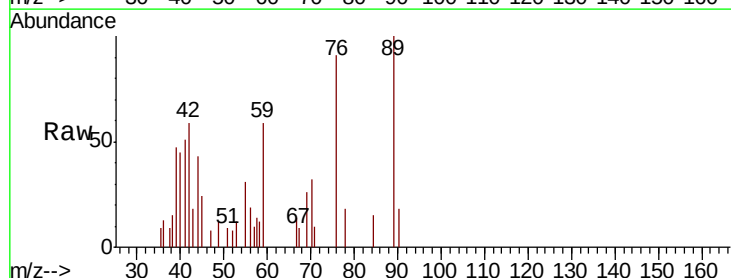
Acq: 19 Jul 2019 16:14

Tgt Ion: 59 Resp: 1020

Ion Ratio Lower Upper

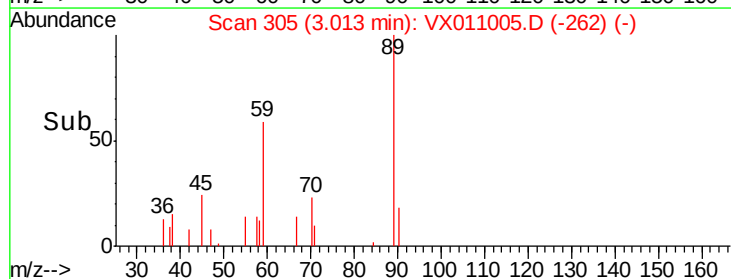
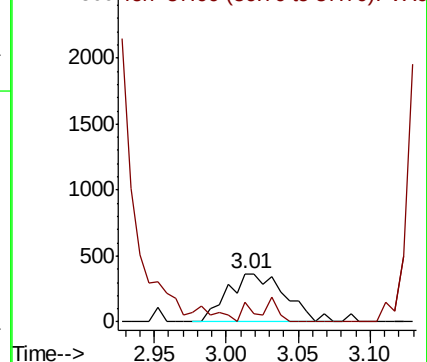
59 100

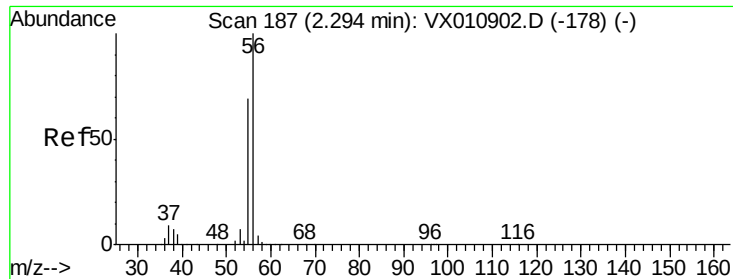
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 2.946 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

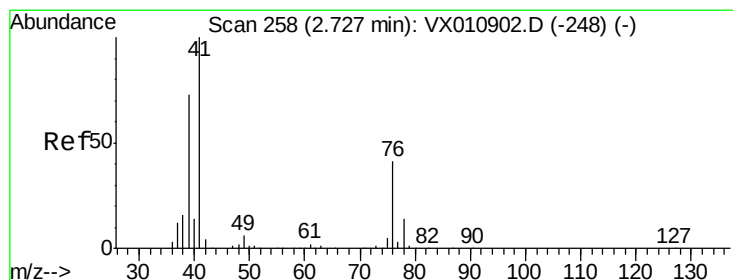
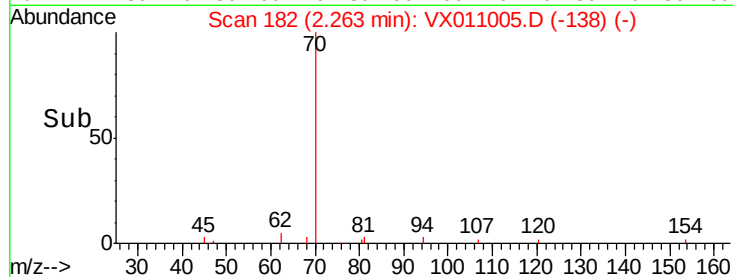
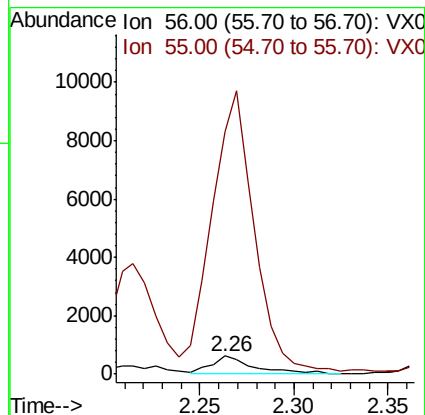
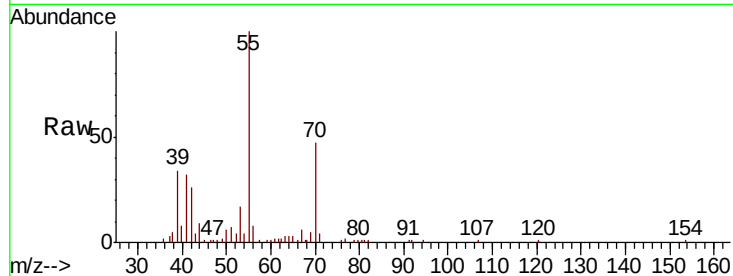
FL-0620

Tot Ion: 56 Resp: 1009

Ion Ratio Lower Upper

56 100

55 1506.8 55.9 83.9#



#14

Allyl chloride

Concen: 15.359 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

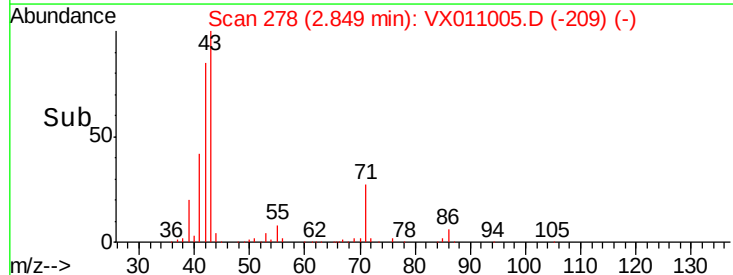
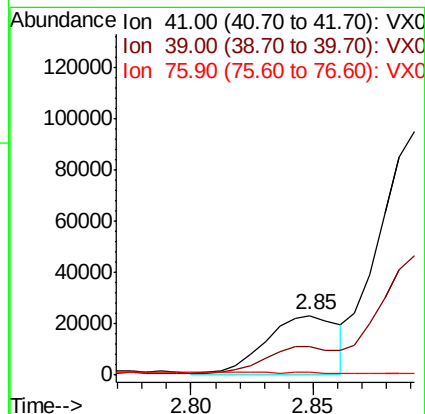
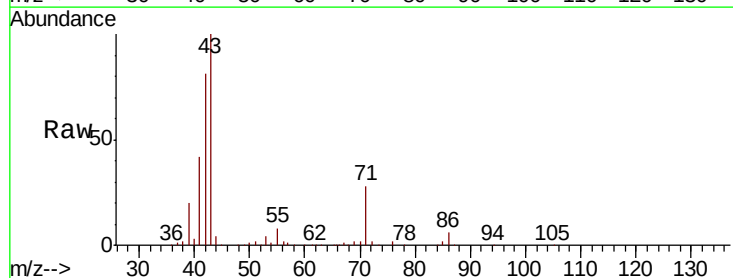
Tgt Ion: 41 Resp: 47542

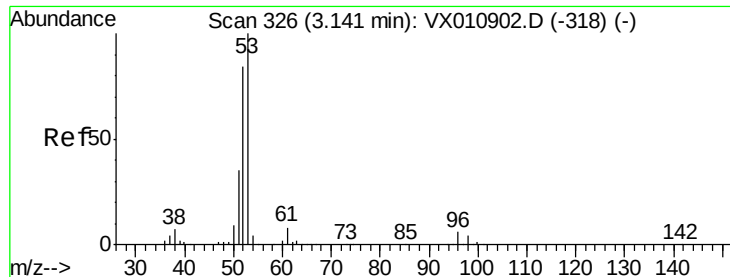
Ion Ratio Lower Upper

41 100

39 41.5 53.6 80.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 15.018 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

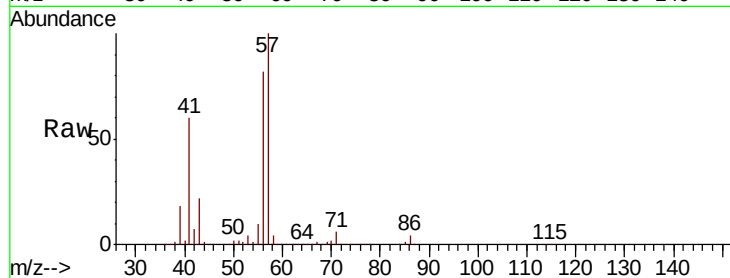
Tot Ion: 53 Resp: 17987

Ion Ratio Lower Upper

53 100

52 20.9 66.5 99.7#

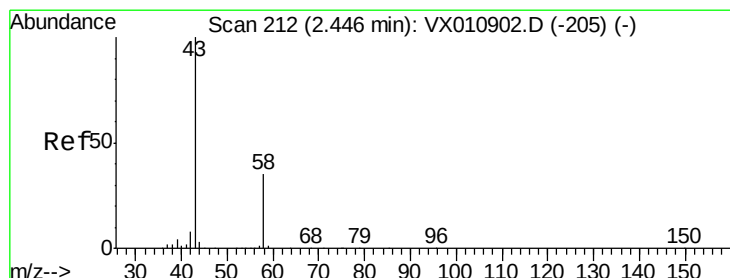
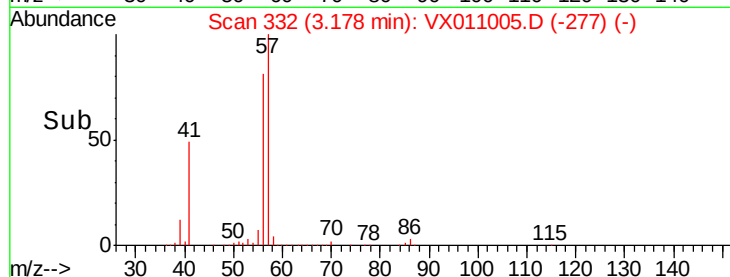
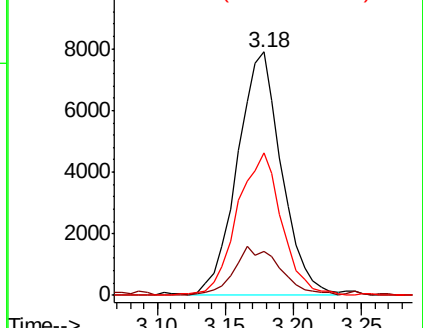
51 59.1 28.2 42.4#



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: 7.591 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011005.D

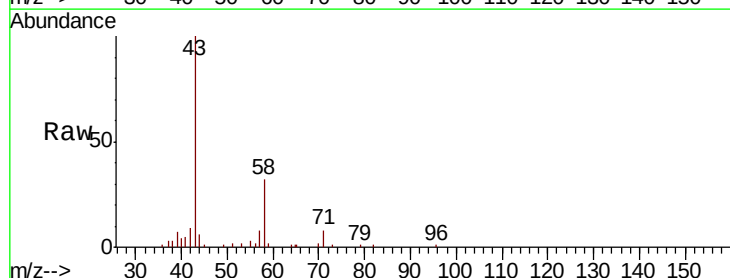
Acq: 19 Jul 2019 16:14

Tgt Ion: 43 Resp: 8726

Ion Ratio Lower Upper

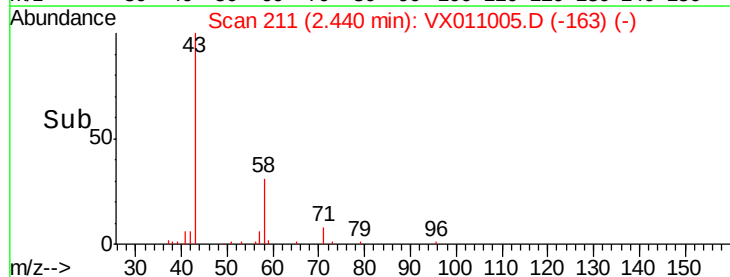
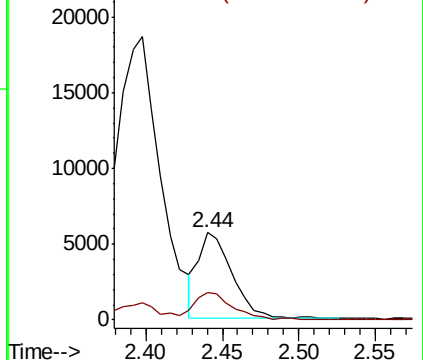
43 100

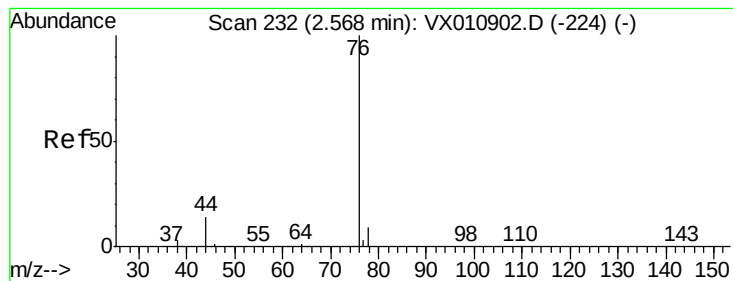
58 32.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.688 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

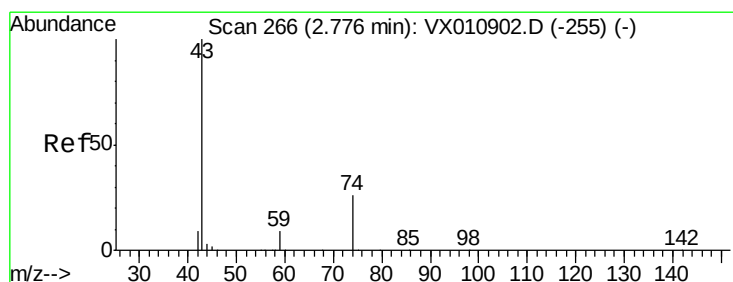
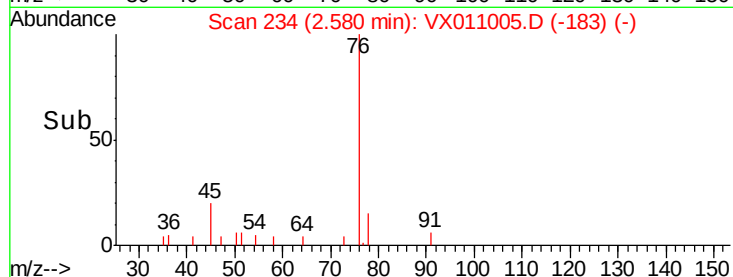
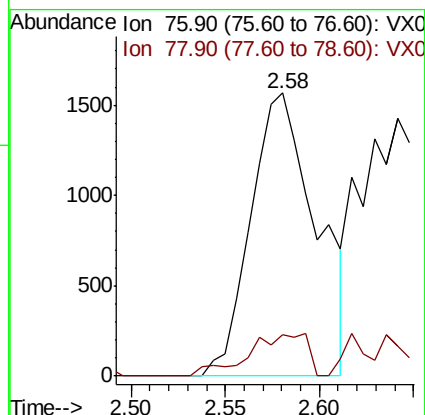
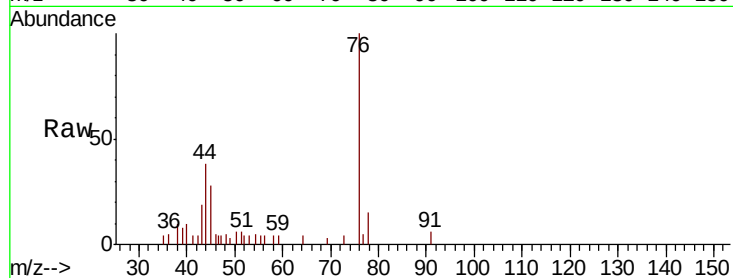
FL-0620

Tot Ion: 76 Resp: 3761

Ion Ratio Lower Upper

76 100

78 14.7 7.4 11.0#



#18

Methyl Acetate

Concen: 44.242 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX011005.D

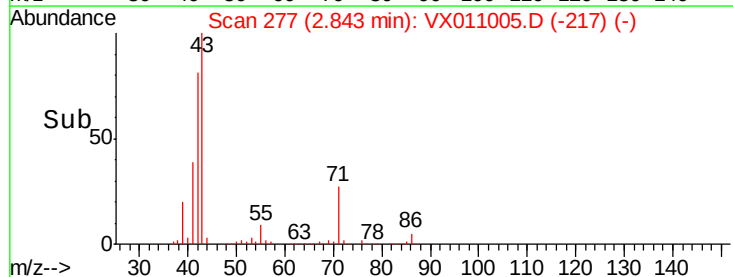
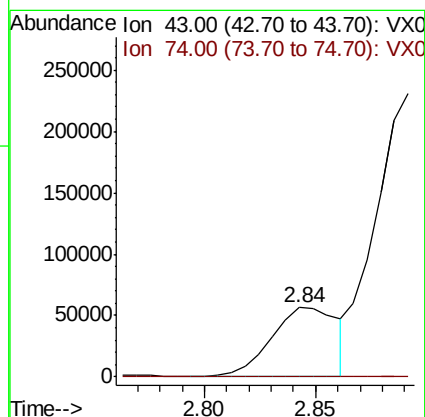
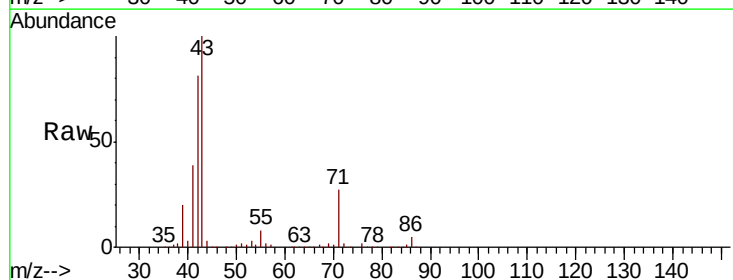
Acq: 19 Jul 2019 16:14

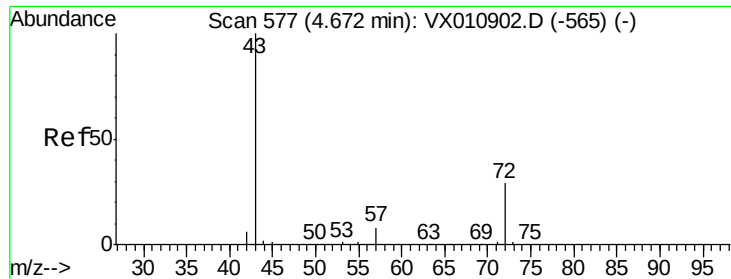
Tgt Ion: 43 Resp: 115801

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#





#25

2-Butanone

Concen: 13.697 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

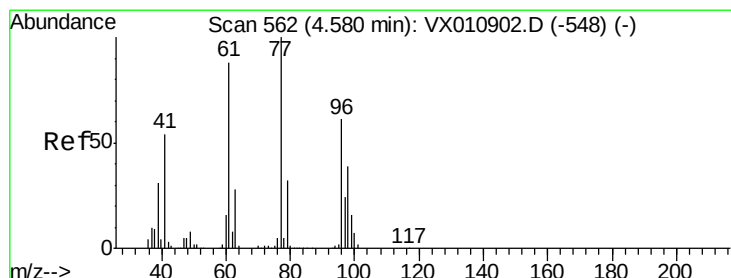
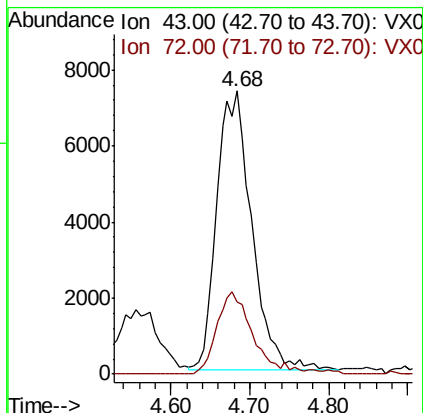
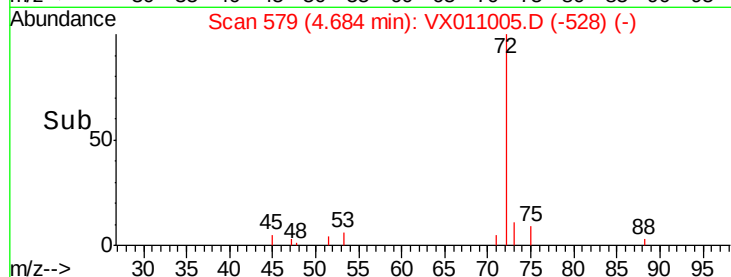
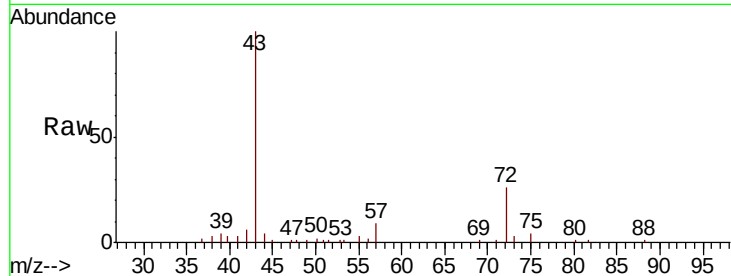
FL-0620

Tot Ion: 43 Resp: 22601

Ion Ratio Lower Upper

43 100

72 26.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 4.303 ug/l

RT: 4.40 min Scan# 533

Delta R.T. -0.18 min

Lab File: VX011005.D

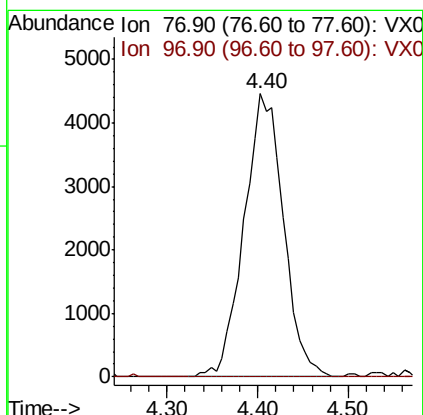
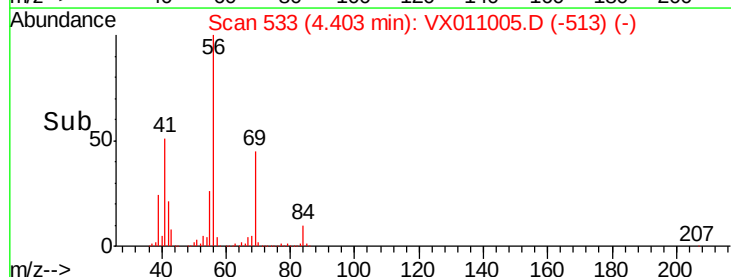
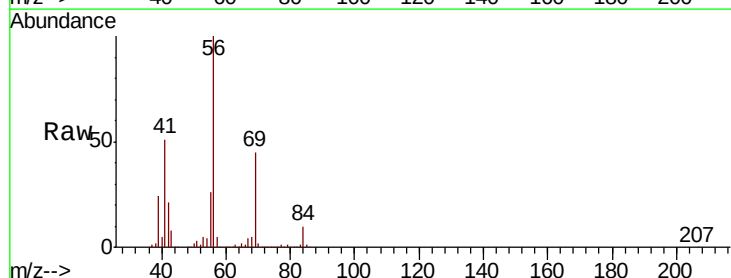
Acq: 19 Jul 2019 16:14

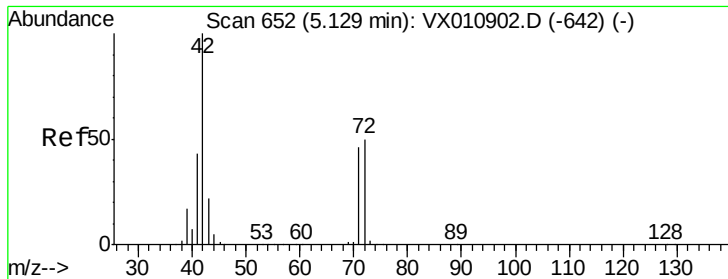
Tgt Ion: 77 Resp: 13396

Ion Ratio Lower Upper

77 100

97 0.0 12.6 37.6#

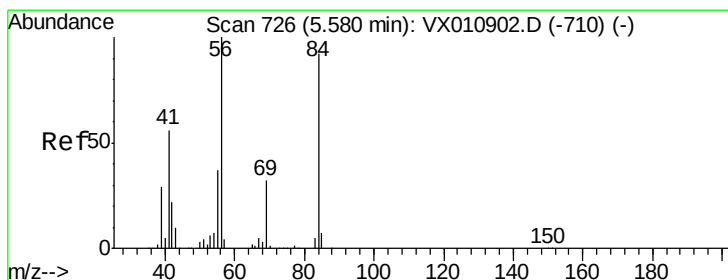
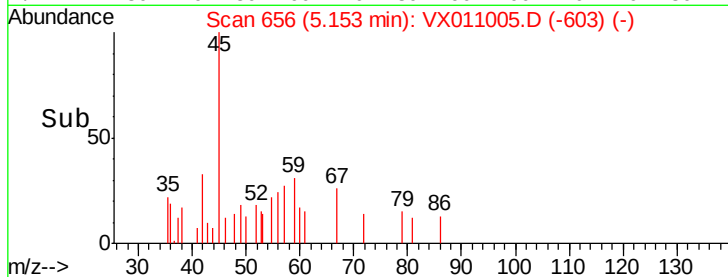
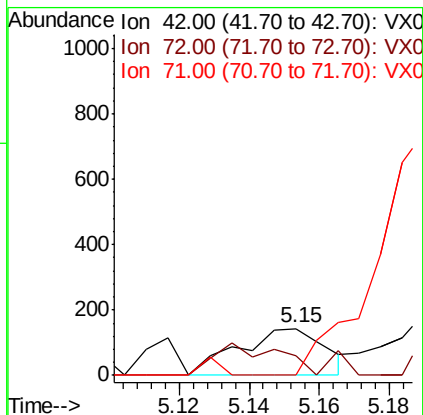
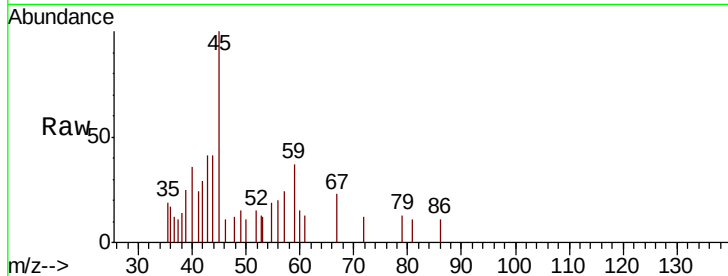




#29
Tetrahydrofuran
Concen: 0.235 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

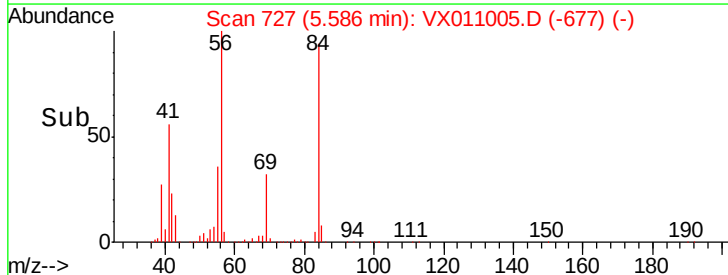
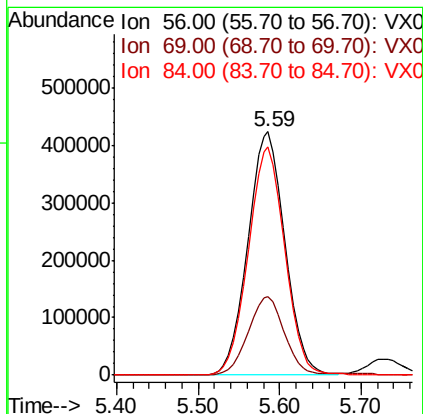
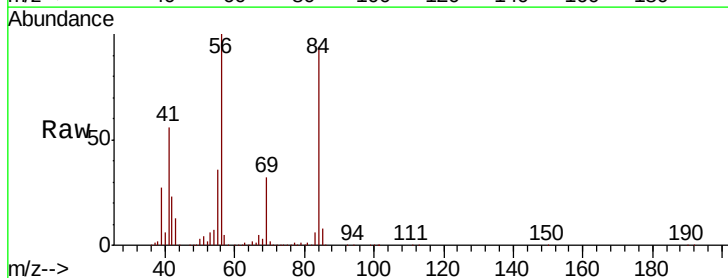
Instrument :
MSVOA_X
ClientSampleId :
FL-0620

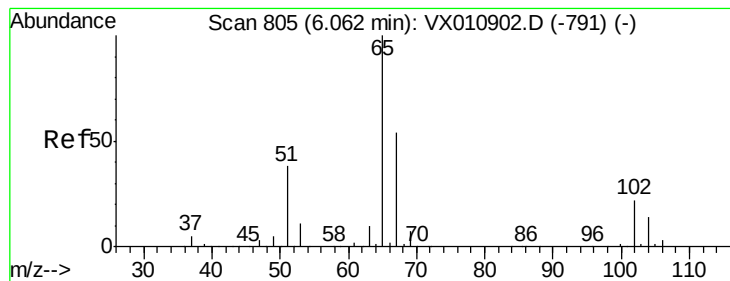
Tot Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
72 52.4 39.8 59.8
71 0.0 37.0 55.4#



#31
Cyclohexane
Concen: 387.226 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion: 56 Resp: 1338129
Ion Ratio Lower Upper
56 100
69 31.9 25.8 38.8
84 94.0 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 51.454 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

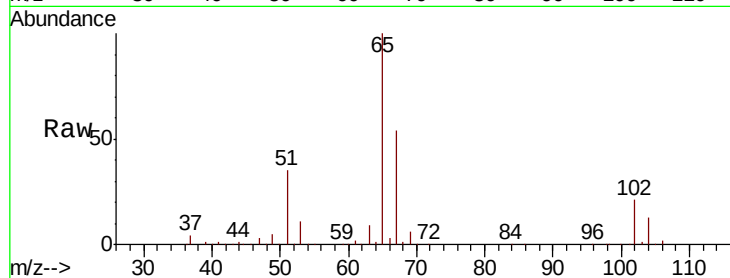
FL-0620

Tot Ion: 65 Resp: 130956

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.8

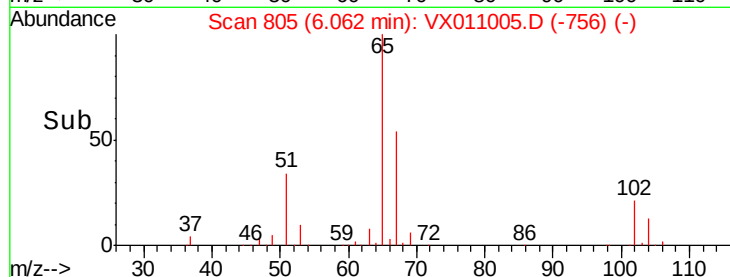


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



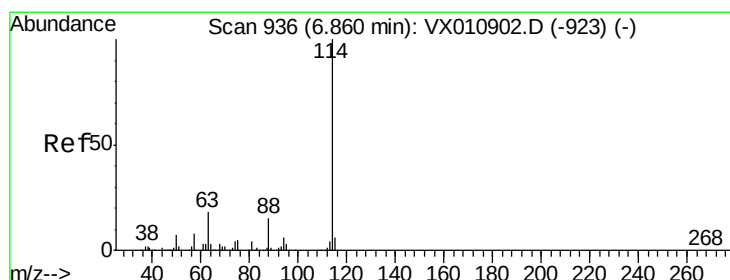
Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

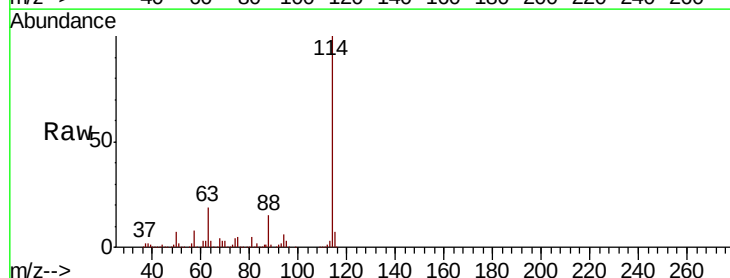
Tgt Ion: 114 Resp: 367750

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

88 15.4 0.0 29.8



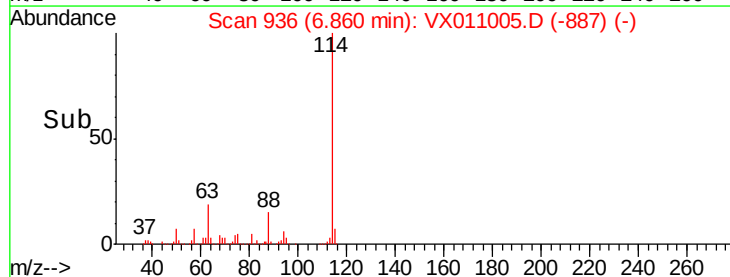
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



Abundance

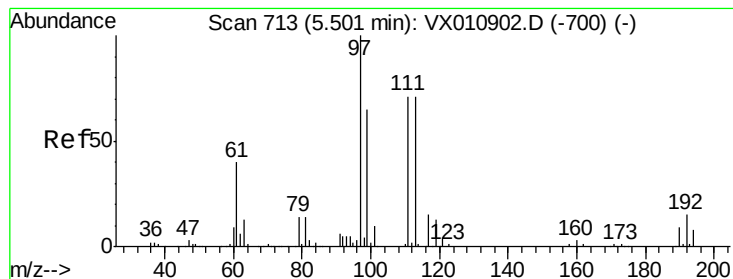
Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

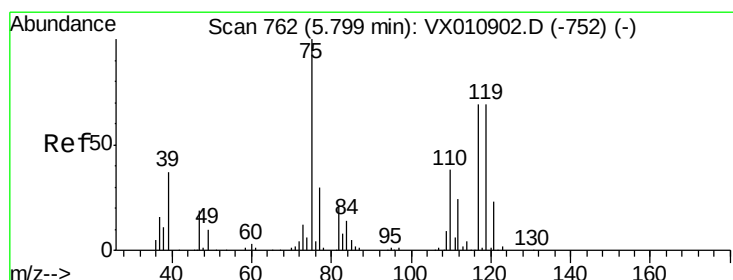
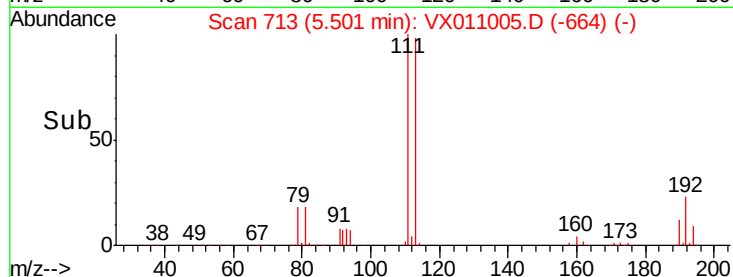
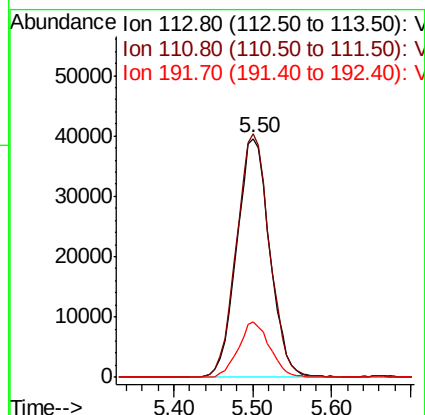
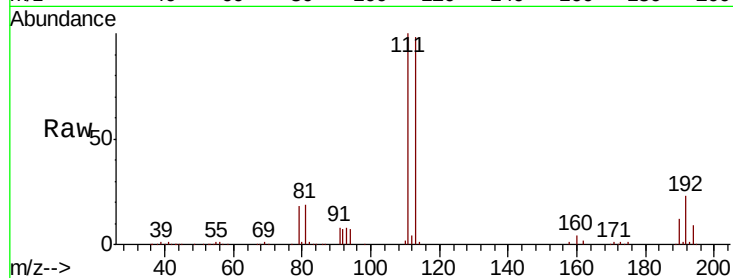
Tot Ion:113 Resp: 114962

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 22.2 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

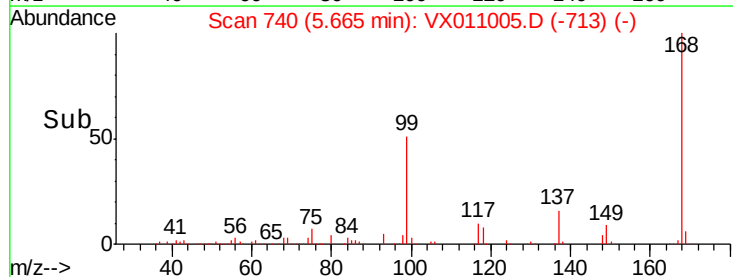
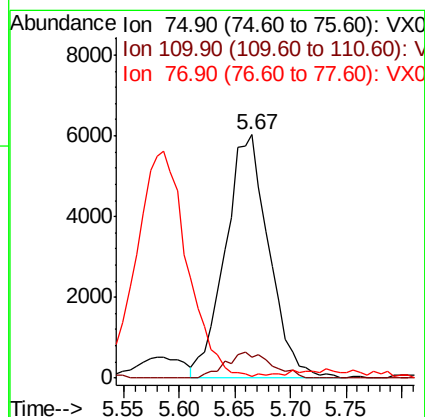
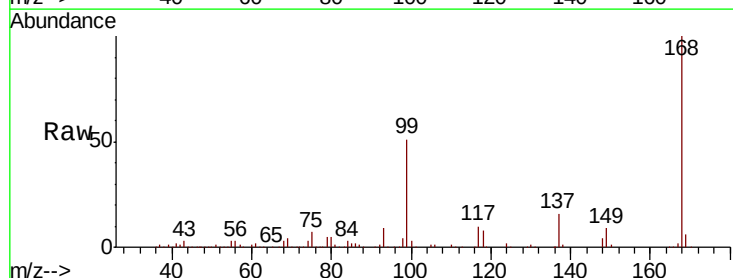
Tgt Ion: 75 Resp: 16356

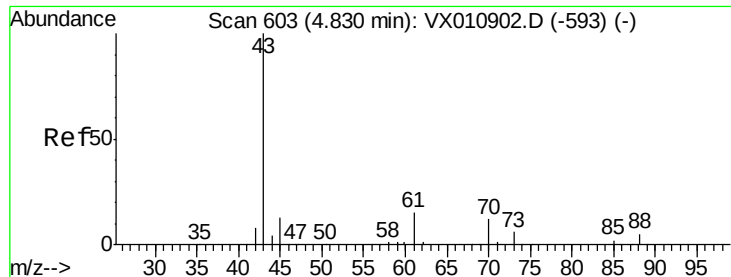
Ion Ratio Lower Upper

75 100

110 11.1 19.9 59.7#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 7.307 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.15 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

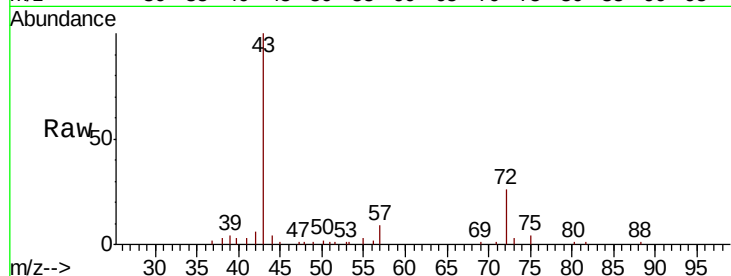
Tot Ion: 43 Resp: 22601

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.2 9.1 13.7#

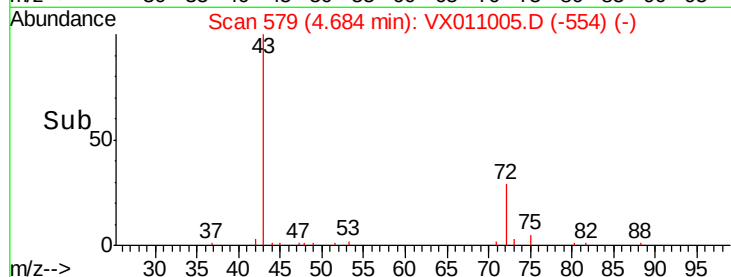


Abundance Ion 43.00 (42.70 to 43.70): VX011005.D (-554) (-)

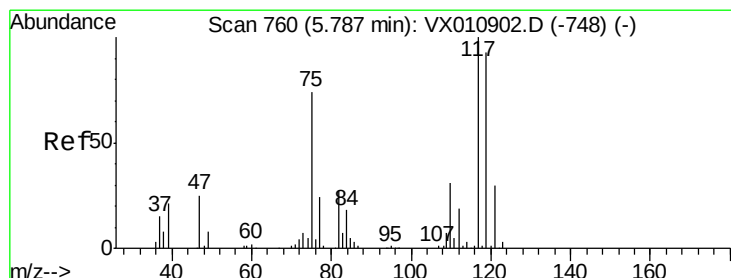
Ion 60.90 (60.60 to 61.60): VX011005.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011005.D (-554) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 7.177 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

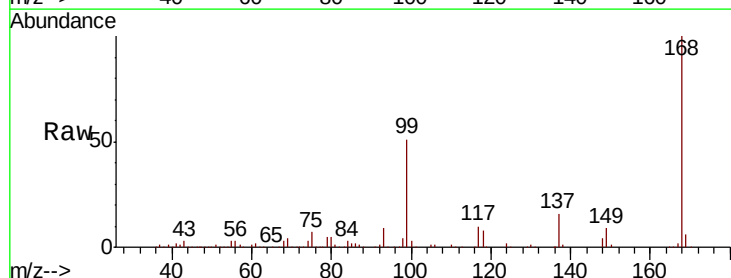
Tgt Ion: 117 Resp: 22590

Ion Ratio Lower Upper

117 100

119 5.0 74.2 111.2#

121 0.0 24.2 36.2#

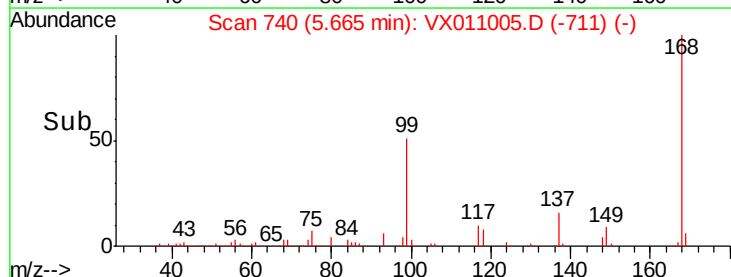


Abundance Ion 116.80 (116.50 to 117.50): VX011005.D (-711) (-)

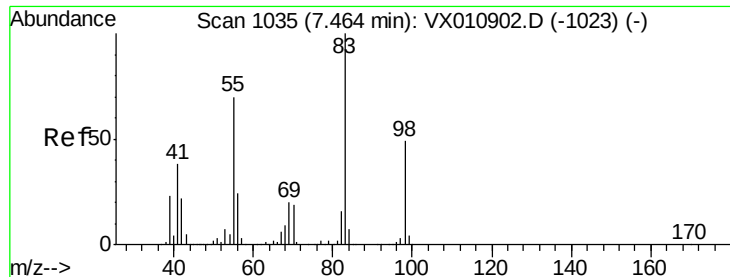
Ion 118.80 (118.50 to 119.50): VX011005.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011005.D (-711) (-)

Time-->



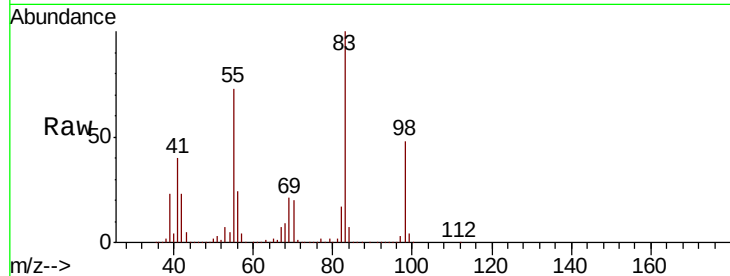
Time-->



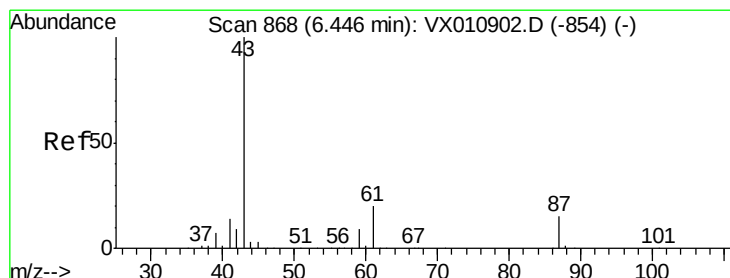
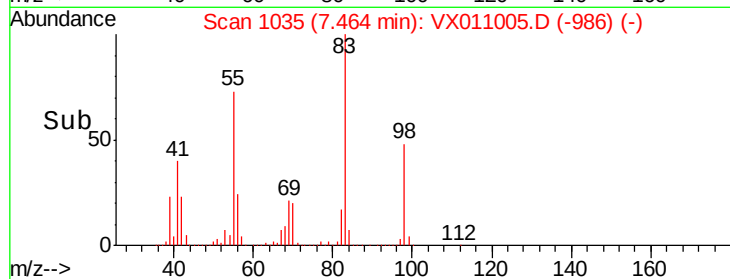
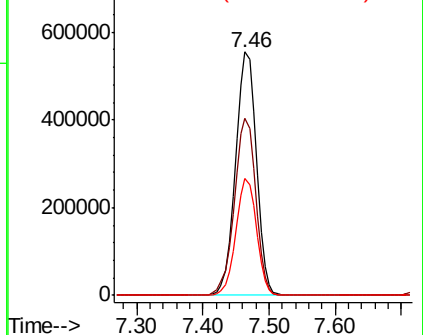
#39
Methylvlcyclohexane
Concen: 308.617 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampled :
FL-0620

Tot Ion: 83 Resp: 1208947
Ion Ratio Lower Upper
83 100
55 72.8 56.2 84.4
98 47.9 39.0 58.4

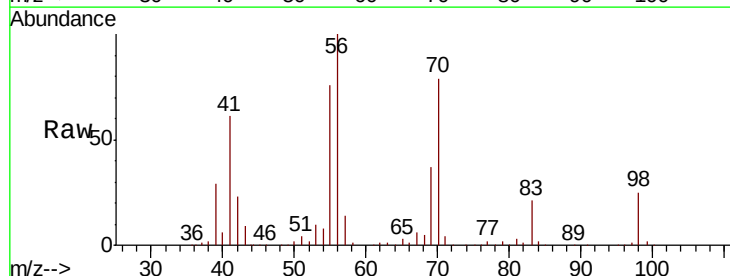


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

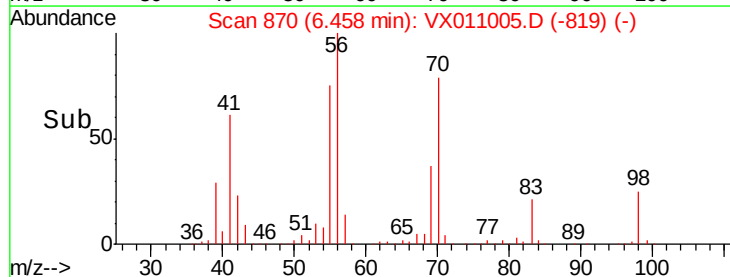
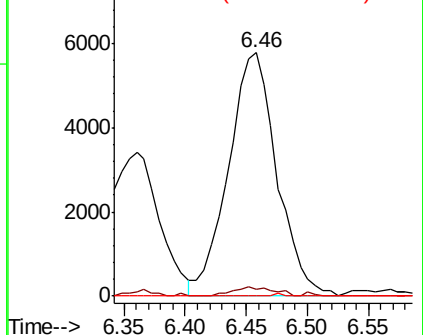


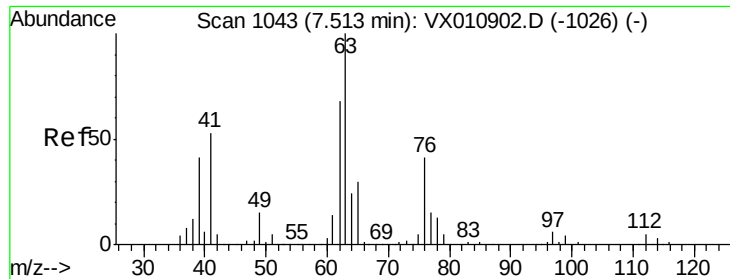
#43
Isopropyl Acetate
Concen: 3.121 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion: 43 Resp: 15872
Ion Ratio Lower Upper
43 100
61 3.2 17.1 25.7#
87 0.0 12.0 18.0#



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: 5.196 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

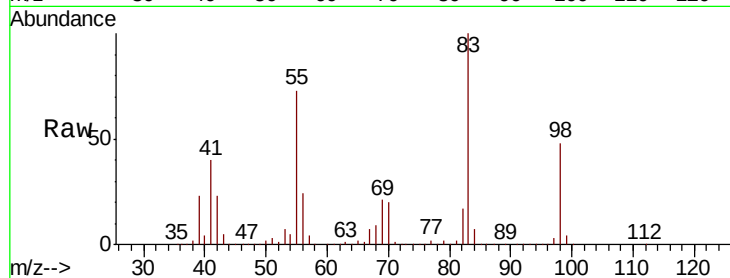
FL-0620

Tot Ion: 63 Resp: 12236

Ion Ratio Lower Upper

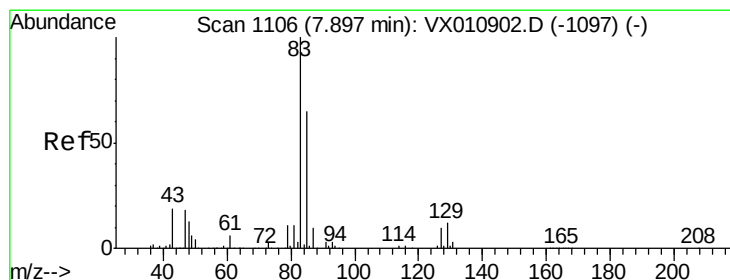
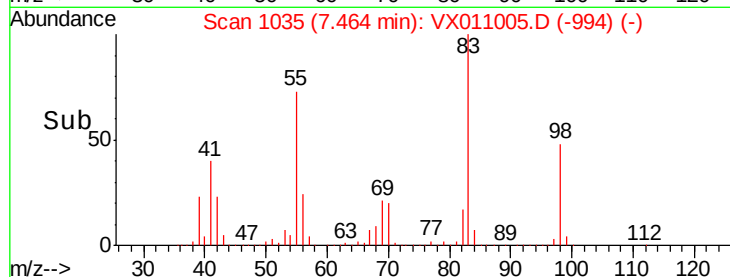
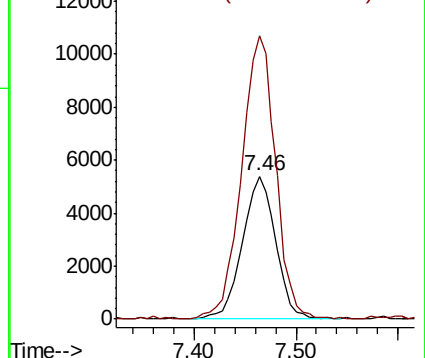
63 100

65 198.4 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.680 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

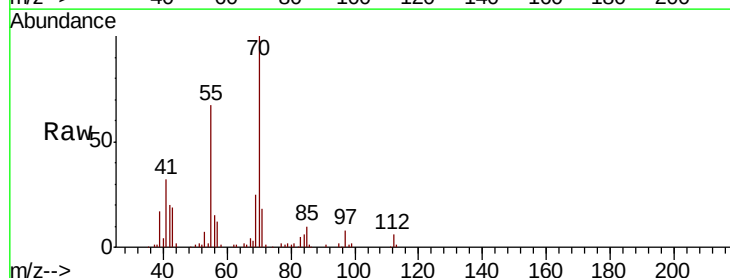
Tgt Ion: 83 Resp: 2037

Ion Ratio Lower Upper

83 100

85 191.9 52.5 78.7#

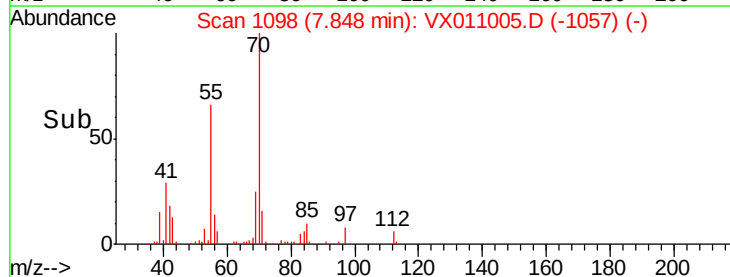
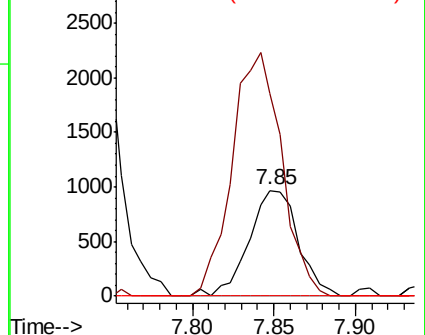
127 0.0 7.8 11.8#

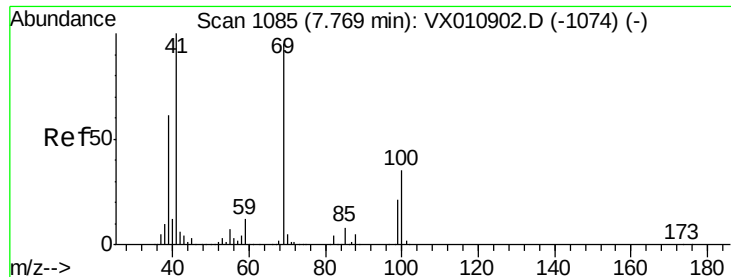


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

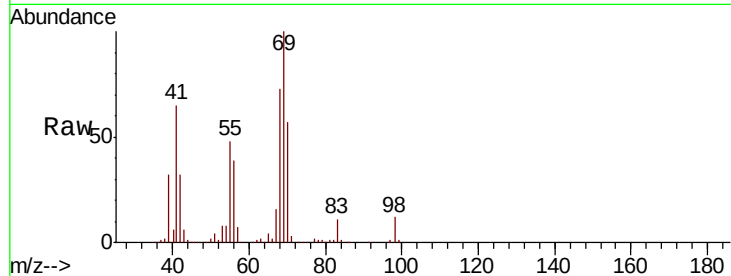




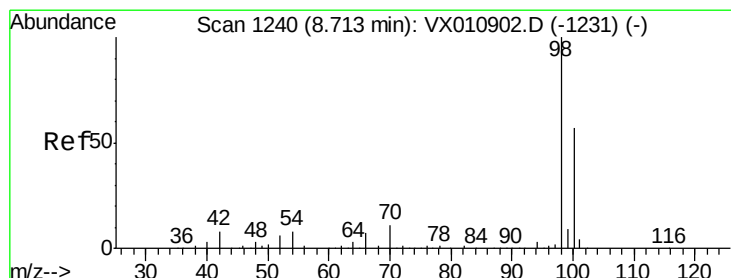
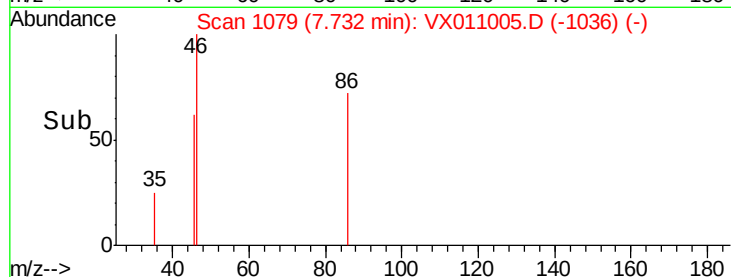
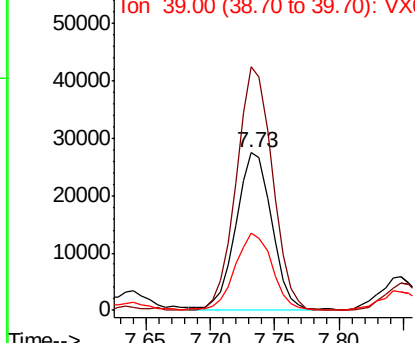
#48
Methvl methacrylate
Concen: 21.127 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampled :
FL-0620

Tot Ion: 41 Resp: 52346
Ion Ratio Lower Upper
41 100
69 156.9 74.4 111.6#
39 49.8 48.9 73.3

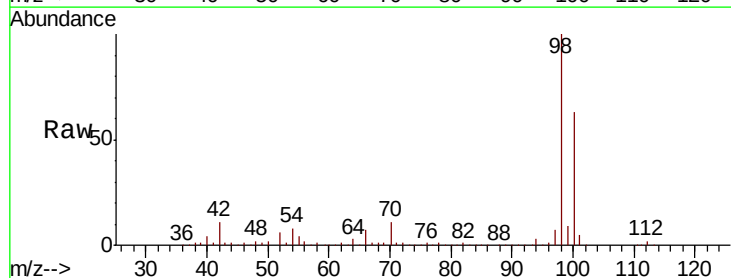


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

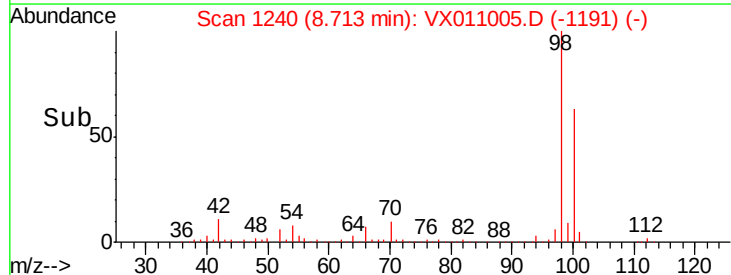
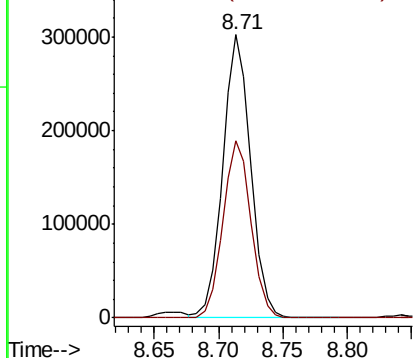


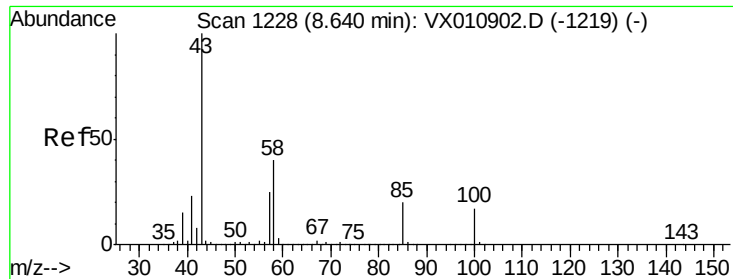
#50
Toluene-d8
Concen: 52.417 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion: 98 Resp: 458892
Ion Ratio Lower Upper
98 100
100 63.3 50.6 75.8



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

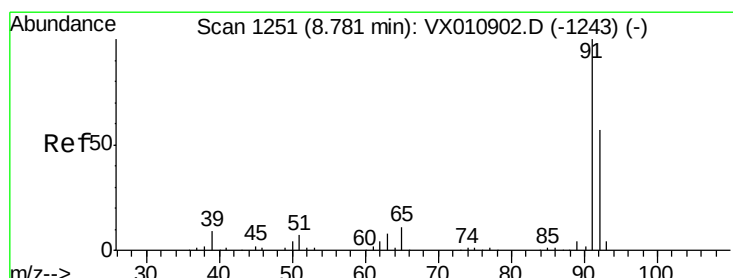
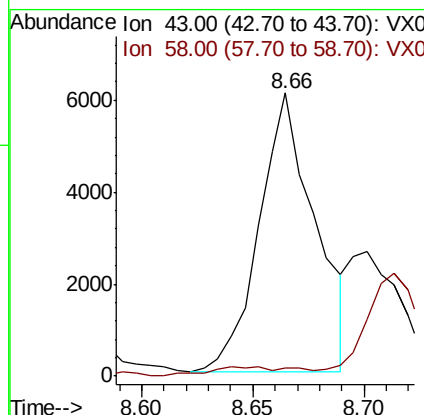
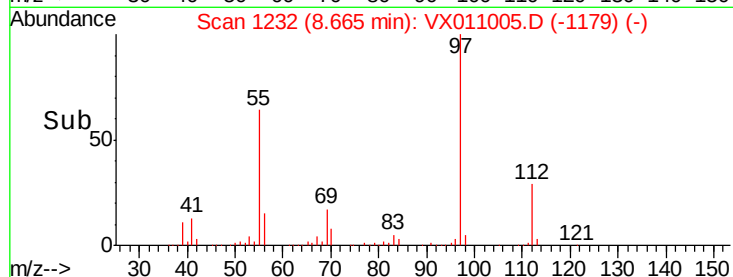
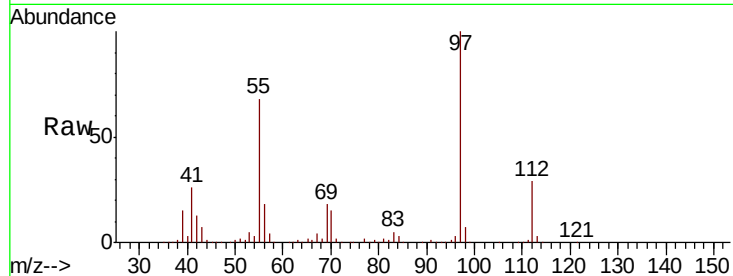




#51
 4-Methyl-2-Pentanone
 Concen: 3.213 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

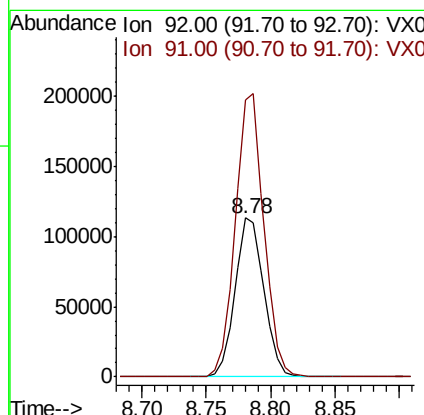
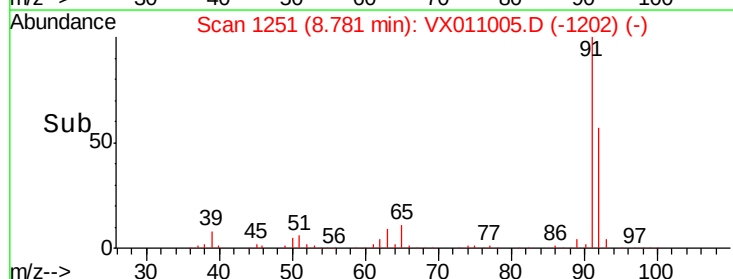
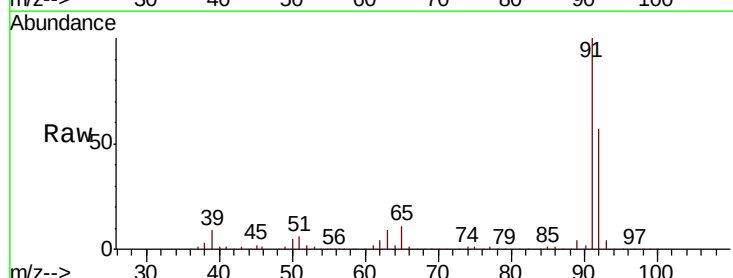
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

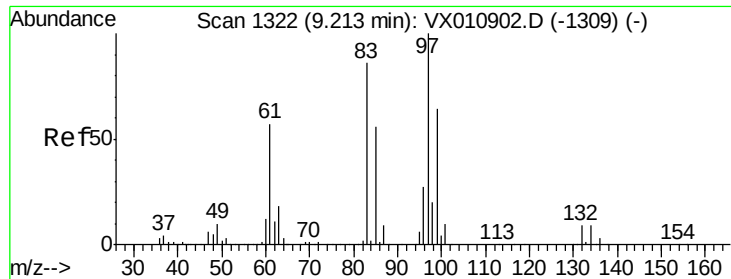
Tot Ion: 43 Resp: 10594
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.4#



#52
 Toluene
 Concen: 28.985 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion: 92 Resp: 176190
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.4 209.0

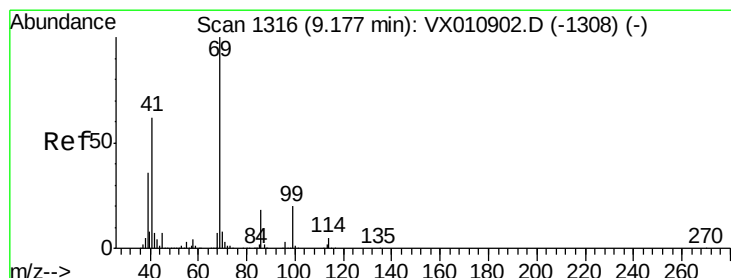
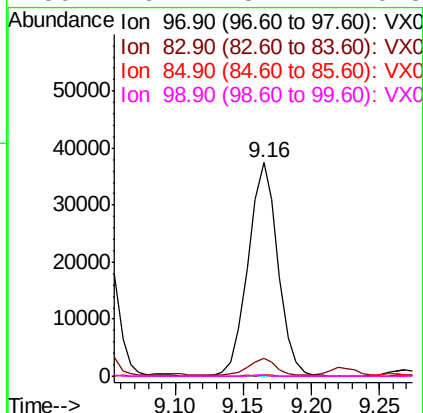
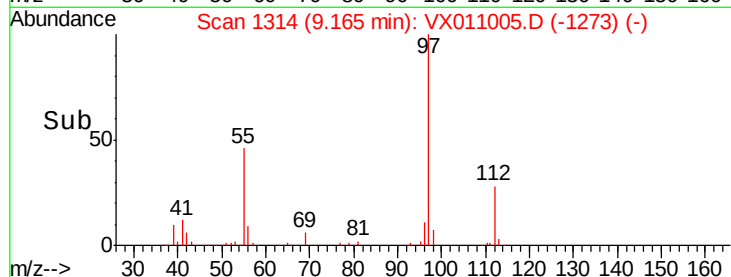
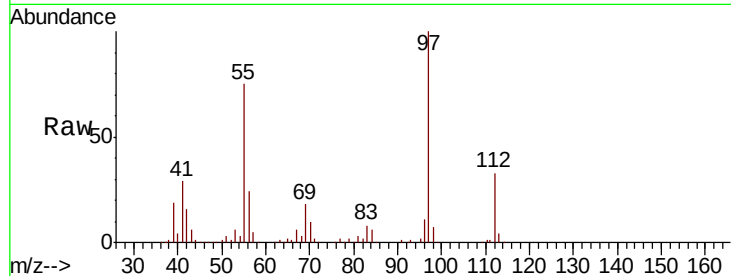




#55
 1,1,2-Trichloroethane
 Concen: 22.985 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

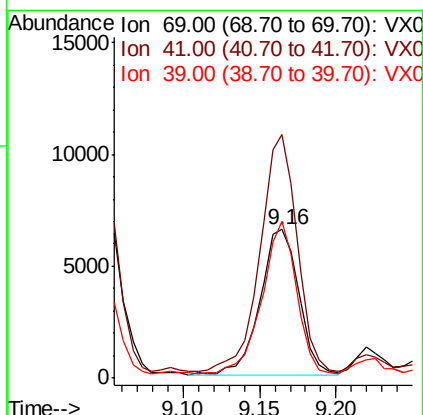
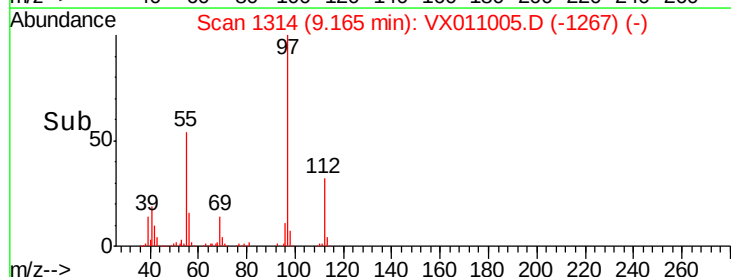
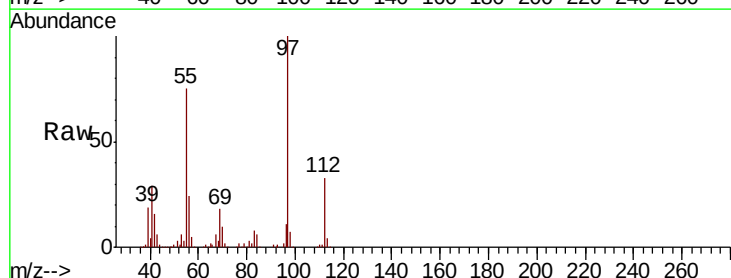
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0620

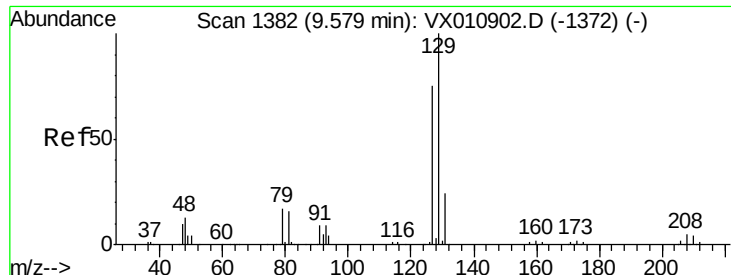
Tot Ion:	97	Resp:	57529
Ion	Ratio	Lower	Upper
97	100		
83	7.8	69.2	103.8#
85	0.4	44.6	66.8#
99	0.4	51.2	76.8#



#56
 Ethyl methacrylate
 Concen: 3.185 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion:	69	Resp:	11662
Ion	Ratio	Lower	Upper
69	100		
41	152.3	49.7	74.5#
39	92.1	29.6	44.4#

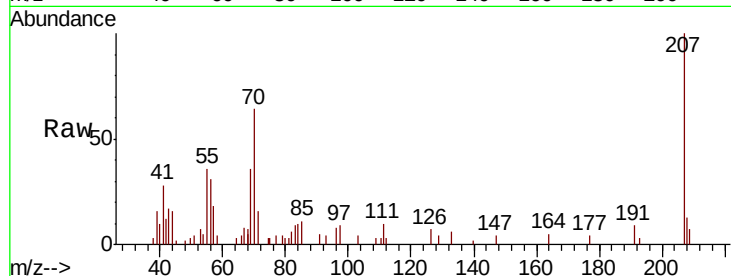




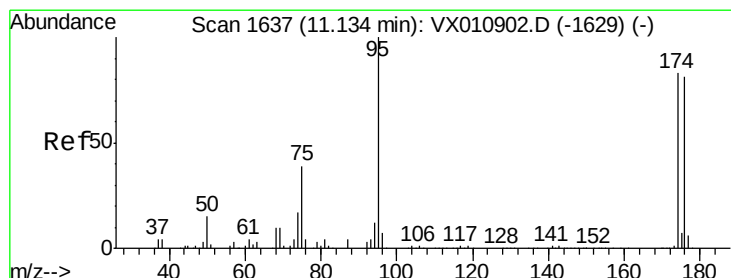
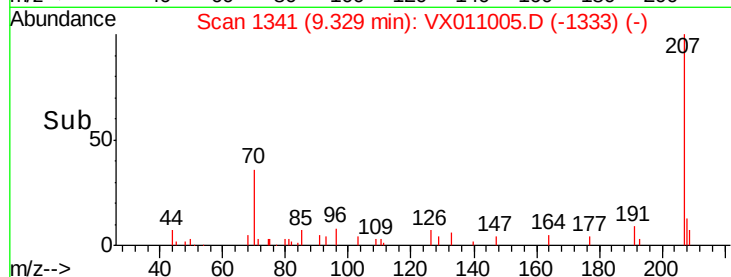
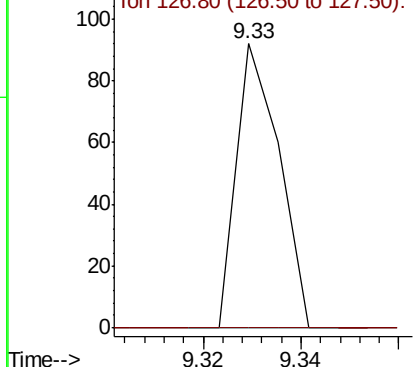
#60
Dibromochloromethane
Concen: 2.546 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampled :
FL-0620

Tot Ion:129 Resp: 56
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

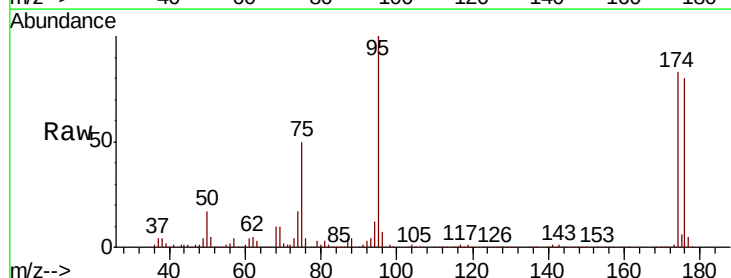


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

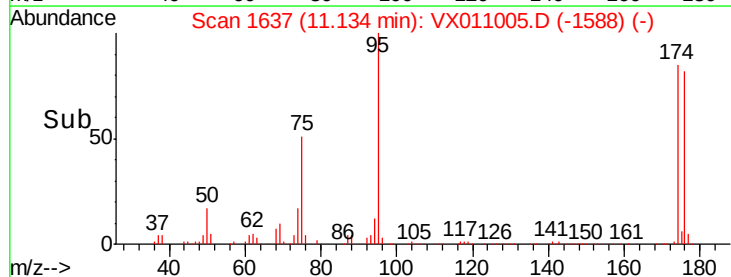
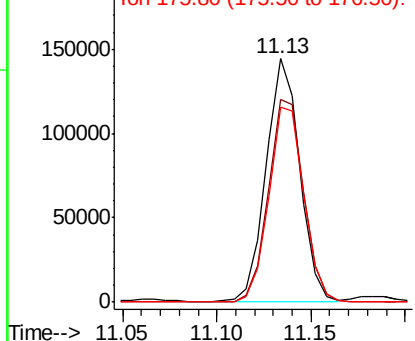


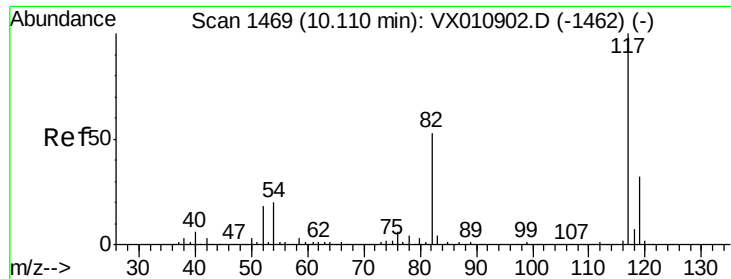
#62
4-Bromofluorobenzene
Concen: 55.472 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion: 95 Resp: 178505
Ion Ratio Lower Upper
95 100
174 87.0 0.0 180.6
176 83.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

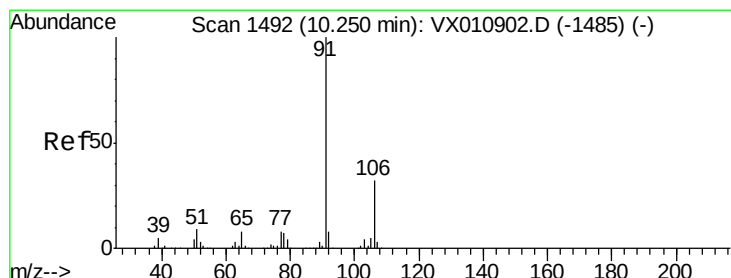
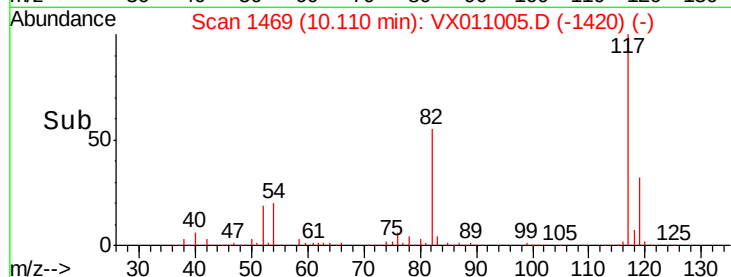
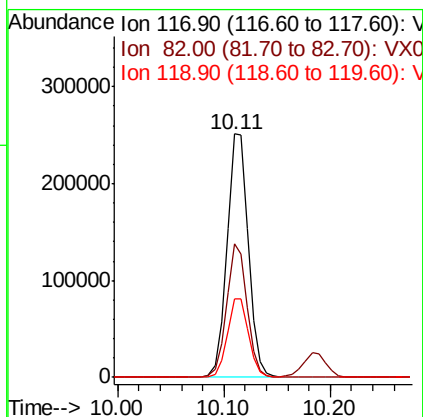
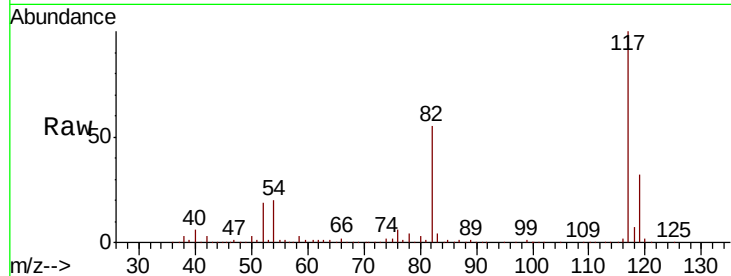




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

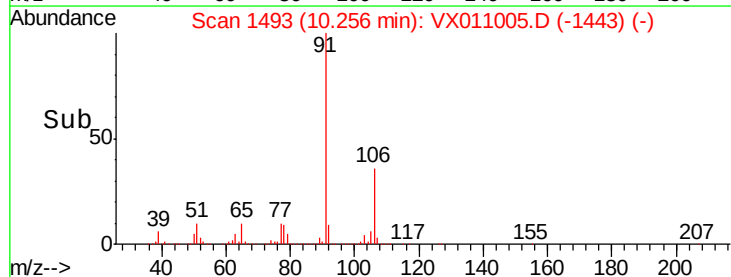
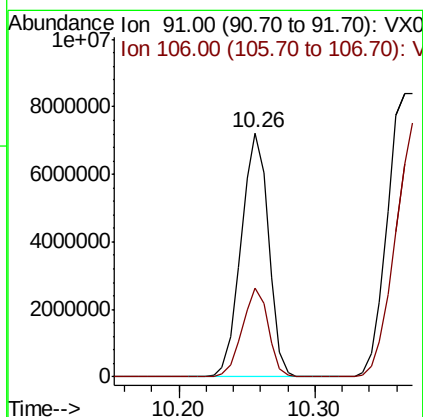
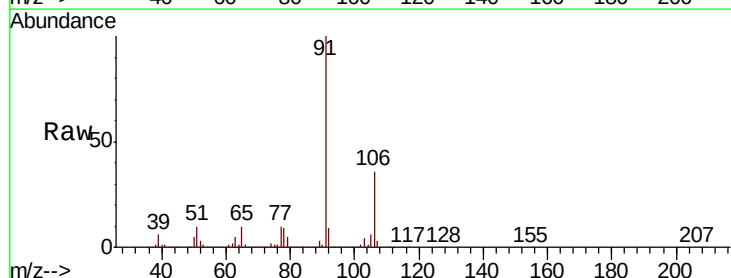
Instrument :
MSVOA_X
ClientSampled :
FL-0620

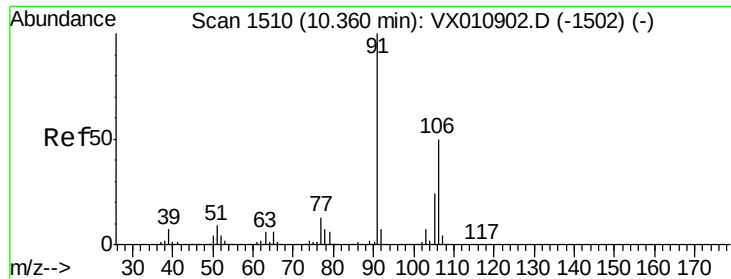
Tot Ion:117 Resp: 353669
Ion Ratio Lower Upper
117 100
82 54.5 42.6 63.8
119 32.0 25.9 38.9



#67
Ethyl Benzene
Concen: 820.211 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion: 91 Resp:10141362
Ion Ratio Lower Upper
91 100
106 36.3 25.4 38.2





#68

m/p-Xylenes

Concen: 2534.909 ug/l

RT: 10.37 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

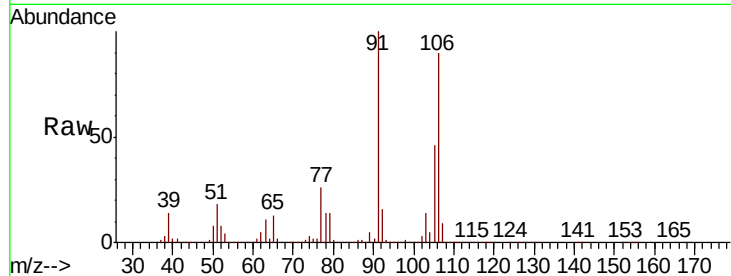
FL-0620

Tot Ion:106 Resp:12022691

Ion Ratio Lower Upper

106 100

91 146.7 160.1 240.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

8000000

6000000

4000000

2000000

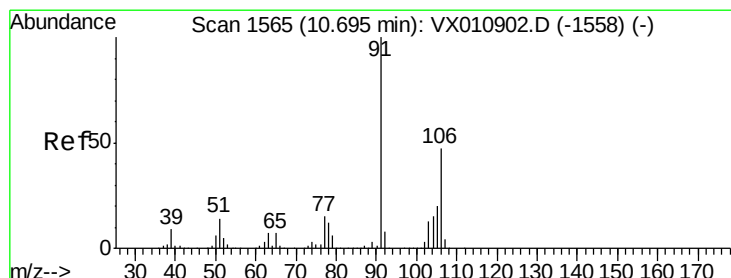
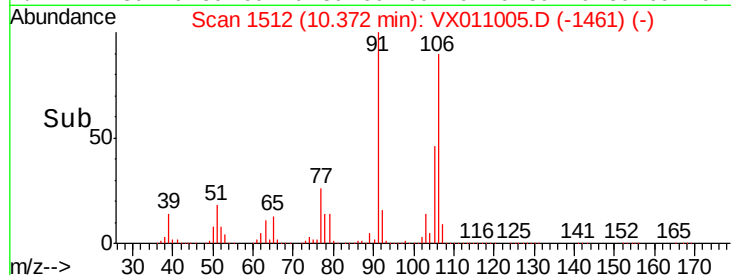
0

10.30

10.40

10.50

Time-->



#69

o-Xylene

Concen: 1393.403 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VX011005.D

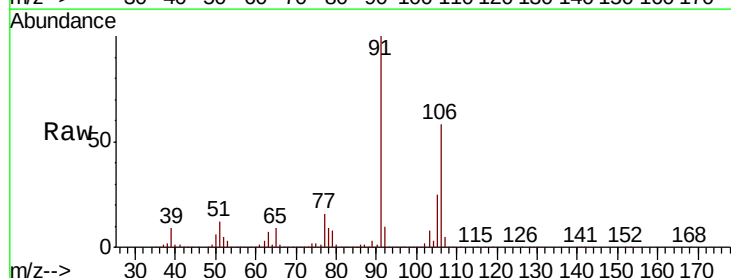
Acq: 19 Jul 2019 16:14

Tgt Ion:106 Resp: 6449763

Ion Ratio Lower Upper

106 100

91 190.7 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

8000000

6000000

4000000

2000000

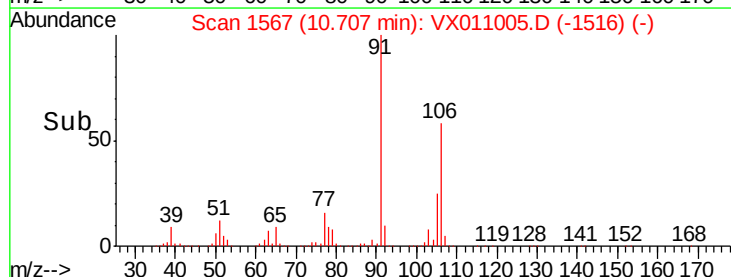
0

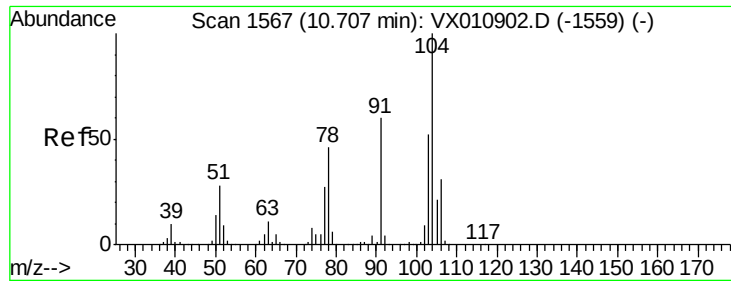
10.60

10.70

10.80

Time-->





#70

Stvrene

Concen: 42.901 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

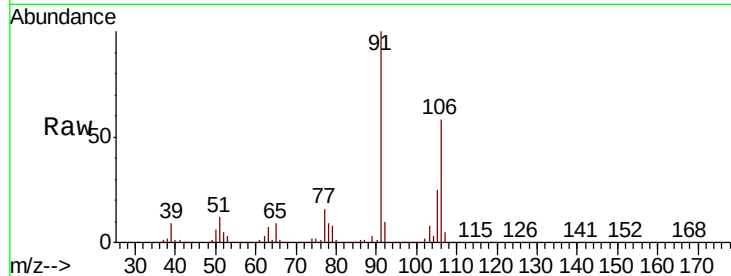
Tot Ion:104 Resp: 331032

Ion Ratio Lower Upper

104 100

78 297.6 38.8 58.2#

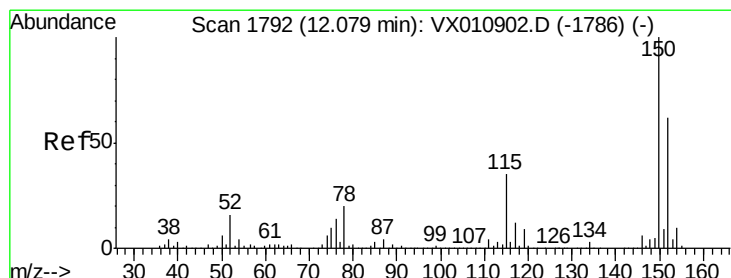
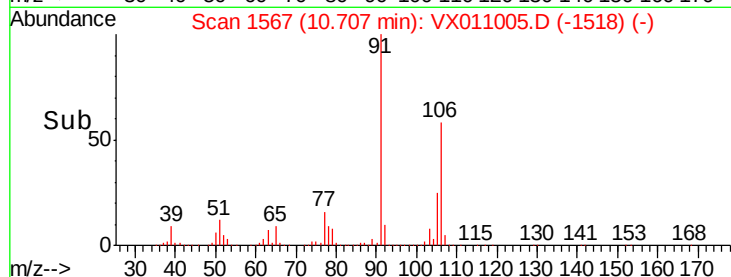
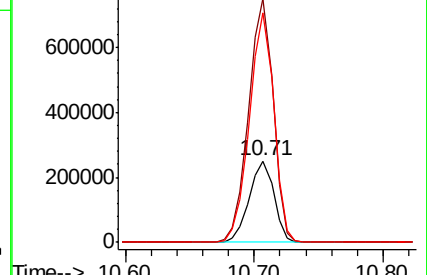
103 278.0 44.2 66.4#



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: VX011005.D

Acq: 19 Jul 2019 16:14

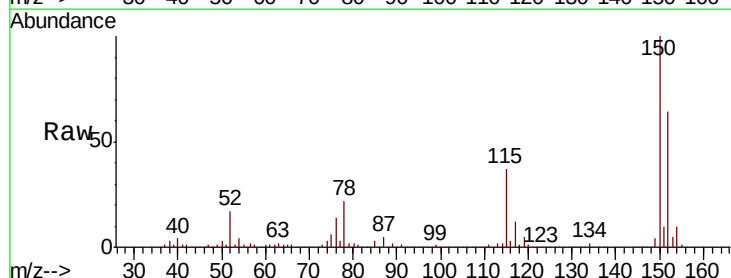
Tgt Ion:152 Resp: 176389

Ion Ratio Lower Upper

152 100

115 63.8 39.7 119.1

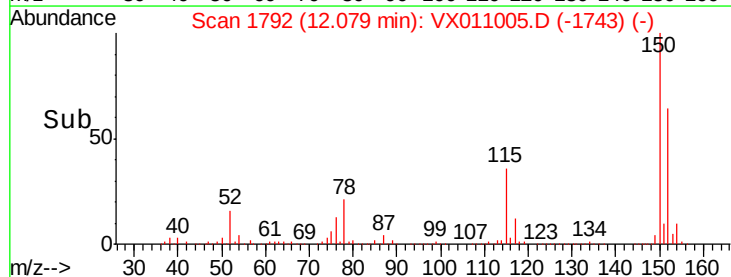
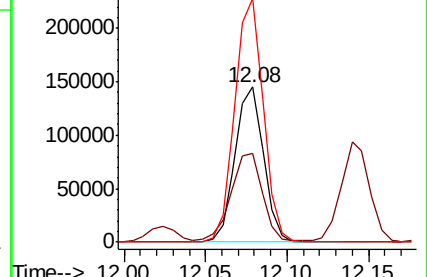
150 156.5 0.0 345.6

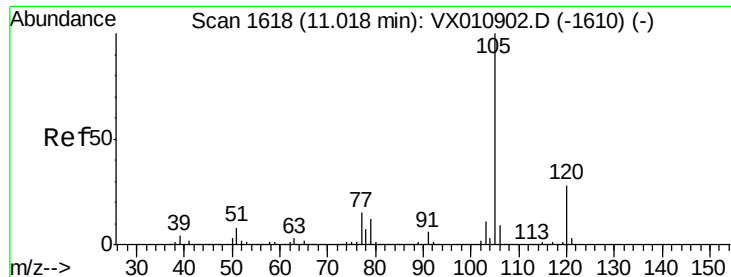


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 82.646 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

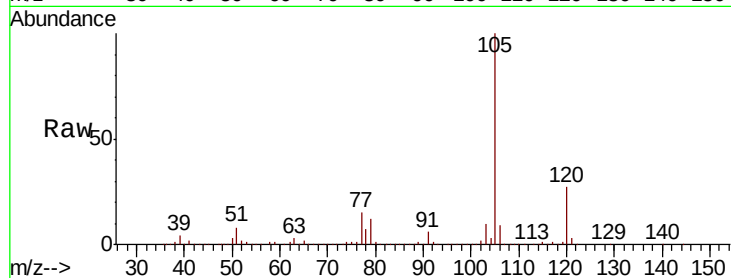
FL-0620

Tot Ion:105 Resp: 985028

Ion Ratio Lower Upper

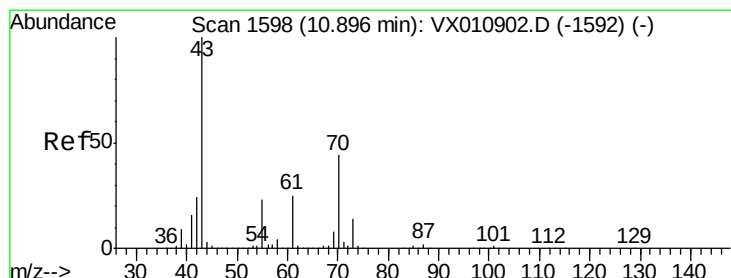
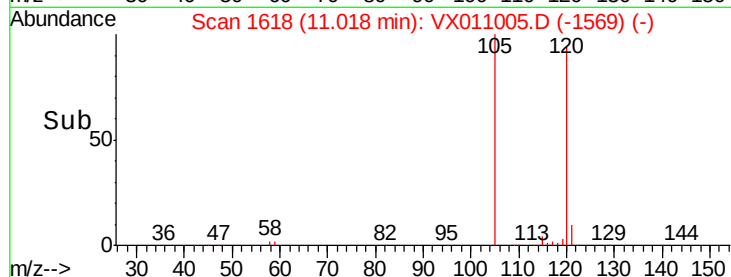
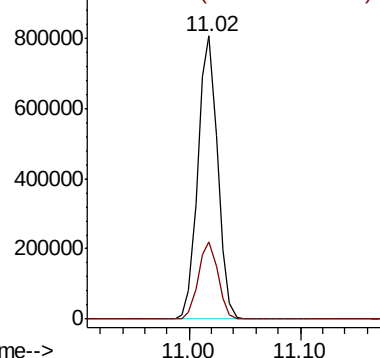
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.556 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Tgt Ion: 43 Resp: 2533

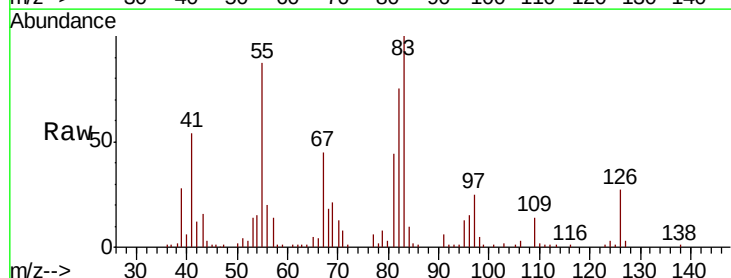
Ion Ratio Lower Upper

43 100

70 134.7 34.7 52.1#

55 667.9 19.1 28.7#

61 0.0 19.9 29.9#

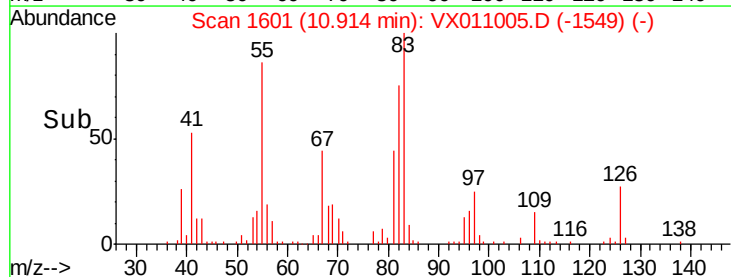
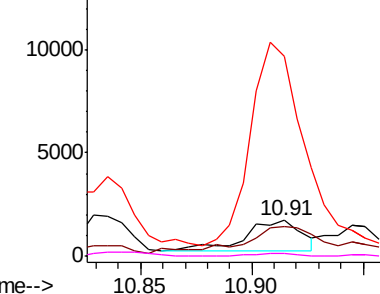


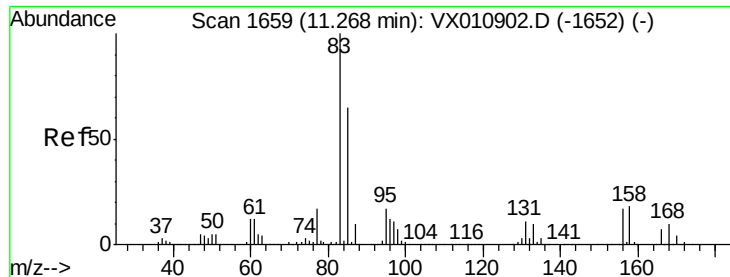
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.641 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

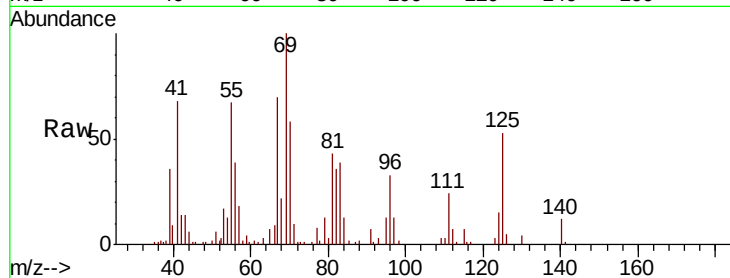
Tot Ion: 83 Resp: 2499

Ion Ratio Lower Upper

83 100

131 1.2 5.5 16.4#

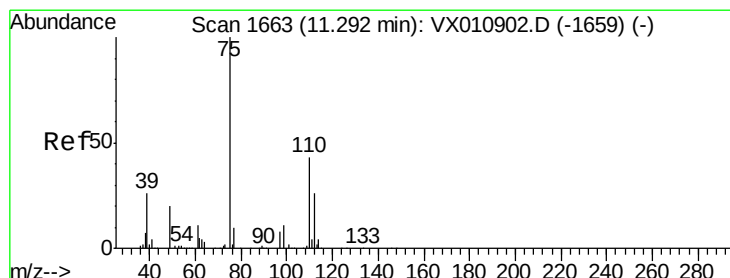
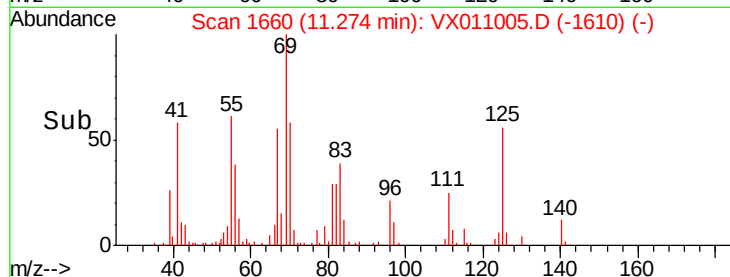
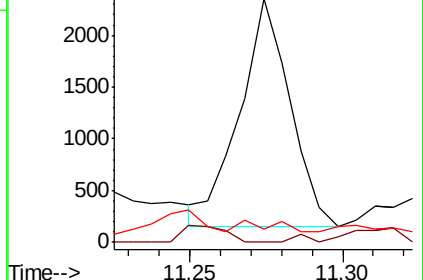
85 0.0 32.3 96.9#



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: 2.520 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX011005.D

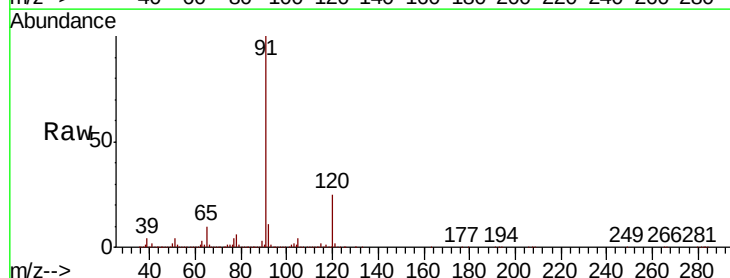
Acq: 19 Jul 2019 16:14

Tgt Ion: 75 Resp: 8021

Ion Ratio Lower Upper

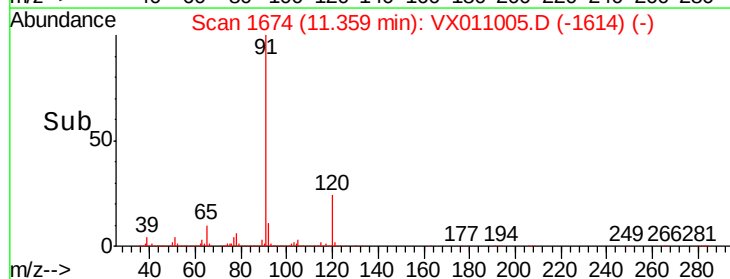
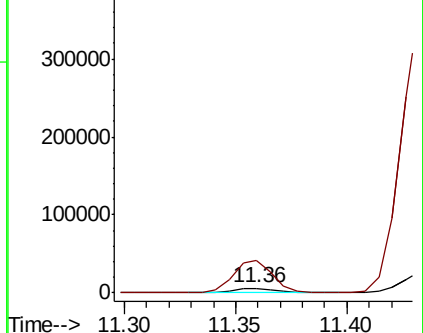
75 100

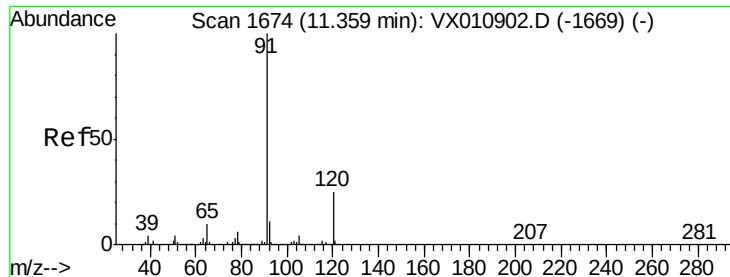
77 642.5 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 99.323 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

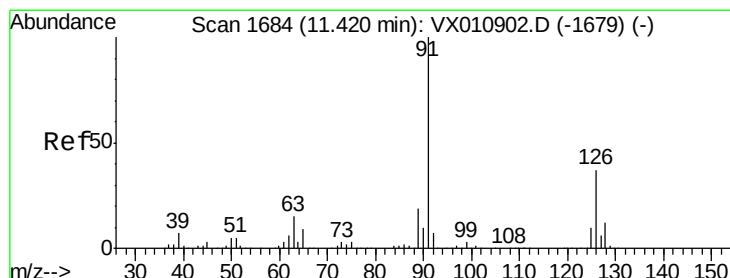
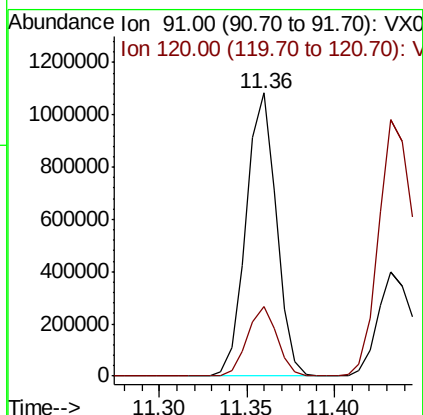
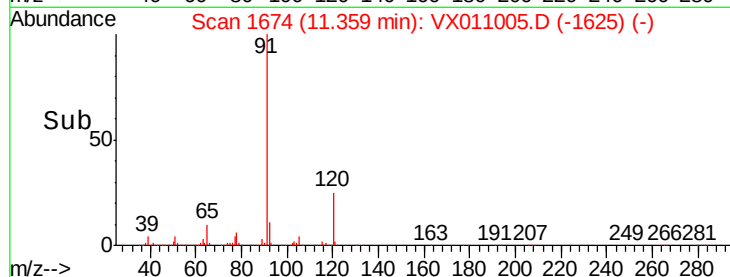
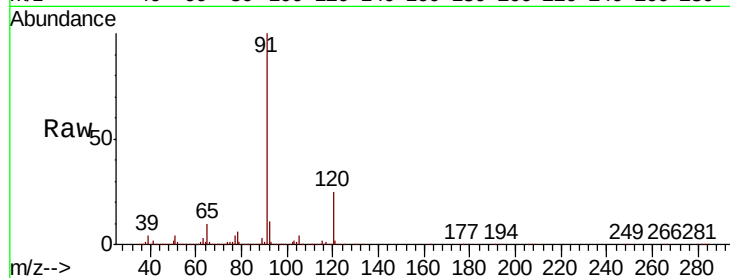
FL-0620

Tot Ion: 91 Resp: 1307993

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8



#79

2-Chlorotoluene

Concen: 85.599 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011005.D

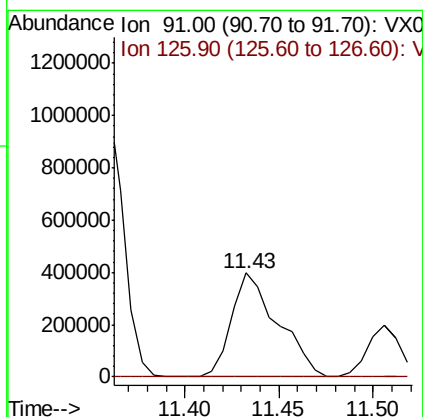
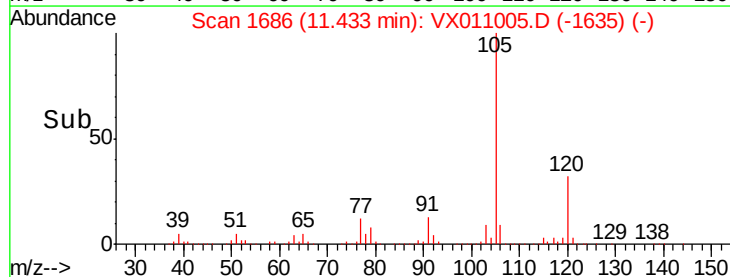
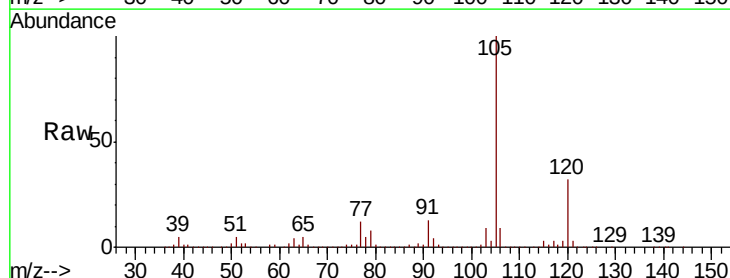
Acq: 19 Jul 2019 16:14

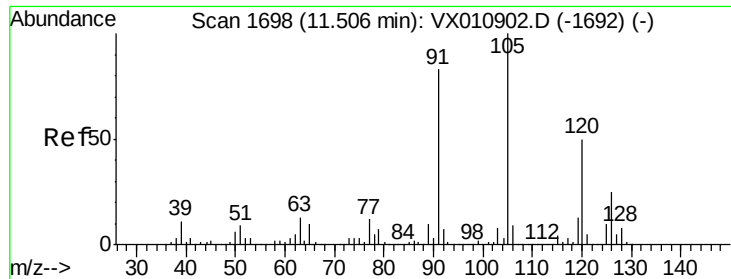
Tgt Ion: 91 Resp: 677170

Ion Ratio Lower Upper

91 100

126 0.1 18.0 54.0#

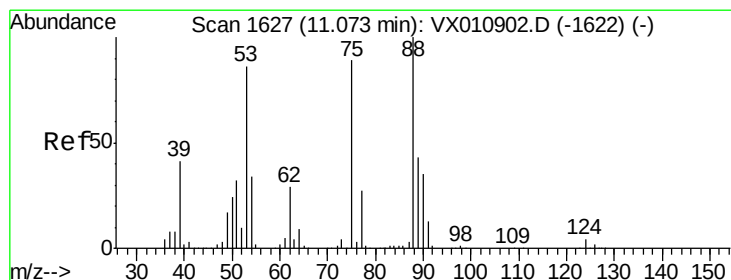
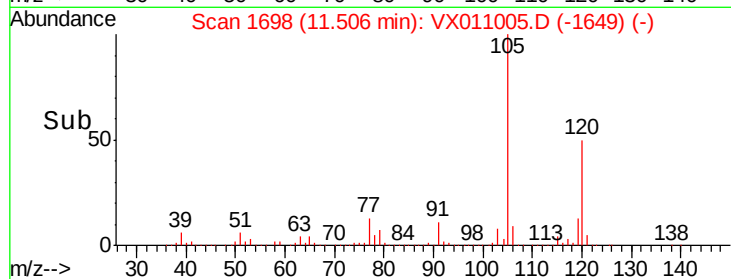
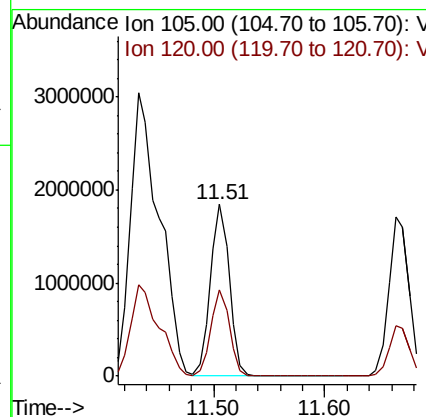
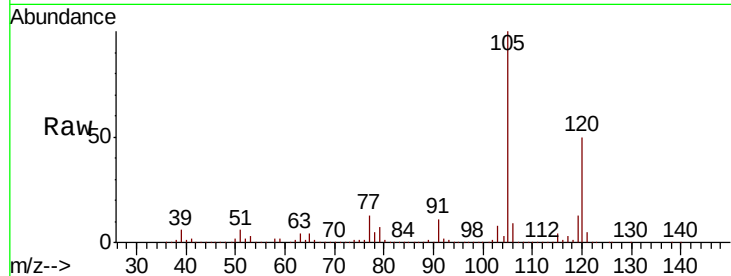




#80
 1,3,5-Trimethylbenzene
 Concen: 219.415 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

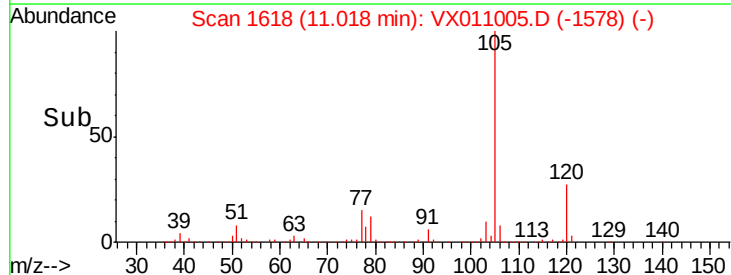
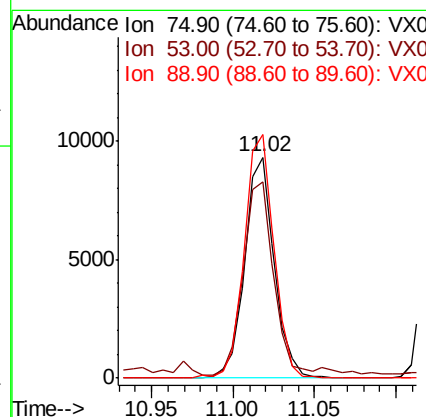
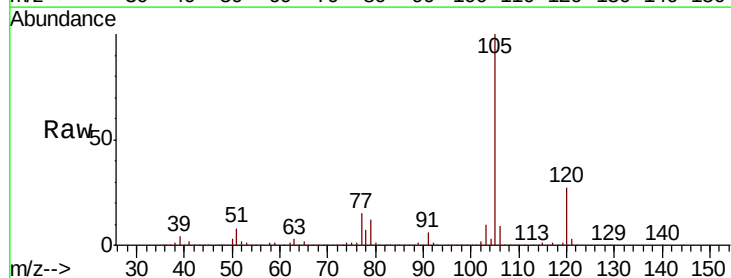
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

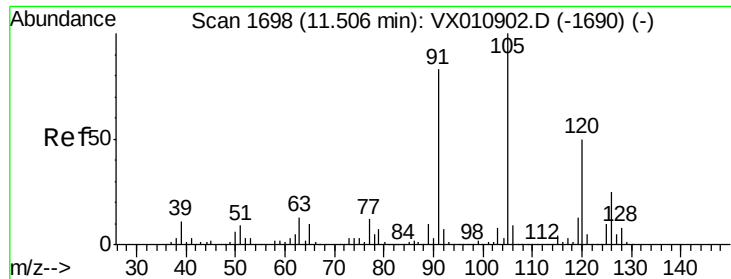
Tot Ion:105 Resp: 2185195
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 12.564 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion: 75 Resp: 11718
 Ion Ratio Lower Upper
 75 100
 53 89.5 76.7 115.1
 89 110.6 38.5 57.7#





#82

4-Chlorotoluene

Concen: 25.511 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

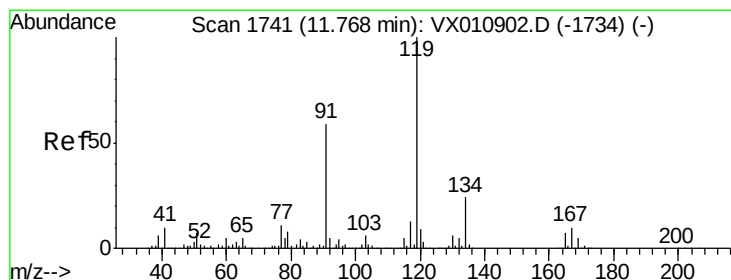
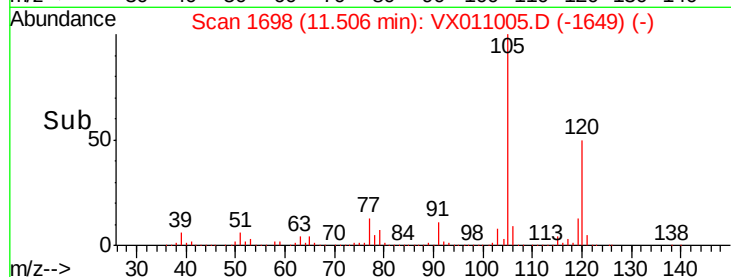
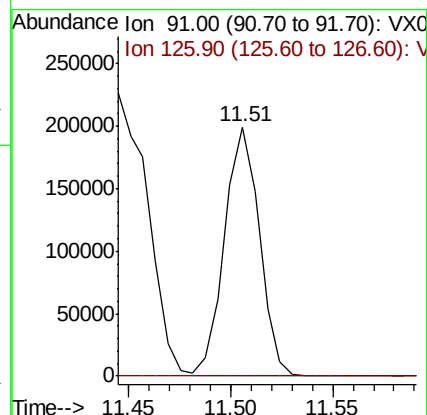
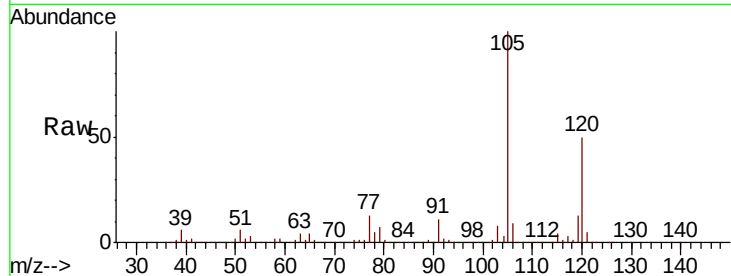
FL-0620

Tot Ion: 91 Resp: 234891

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



#83

tert-Butylbenzene

Concen: 2.489 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

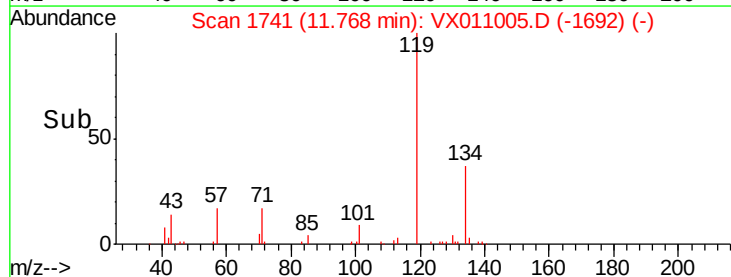
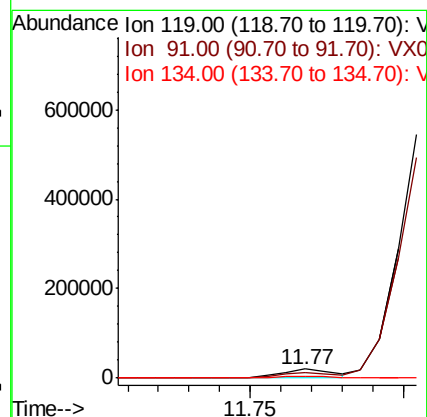
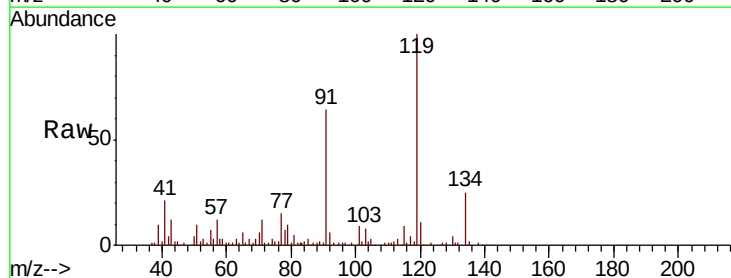
Tgt Ion: 119 Resp: 24346

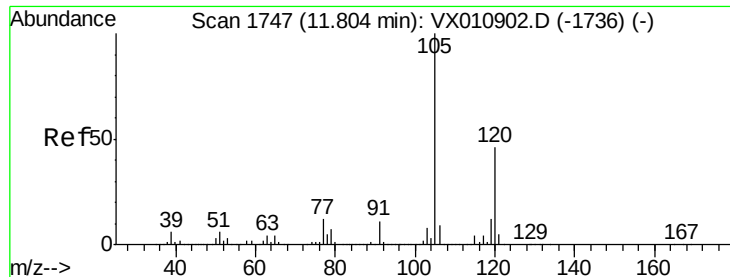
Ion Ratio Lower Upper

119 100

91 0.0 28.6 85.8#

134 27.2 11.6 34.8

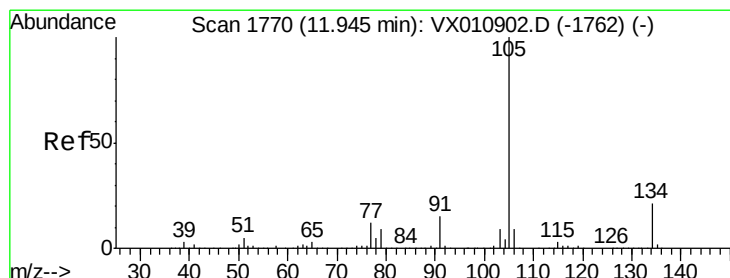
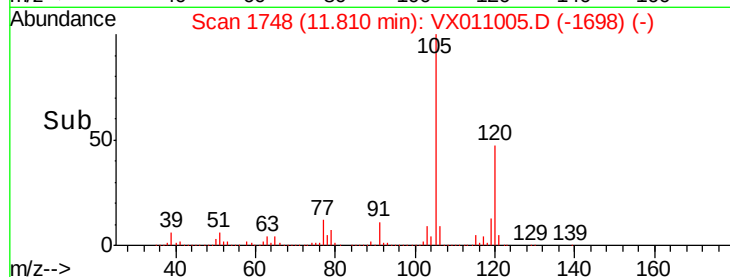
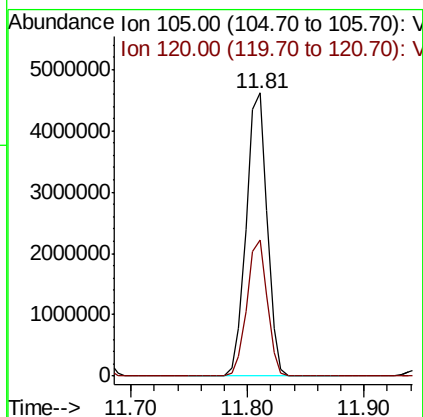
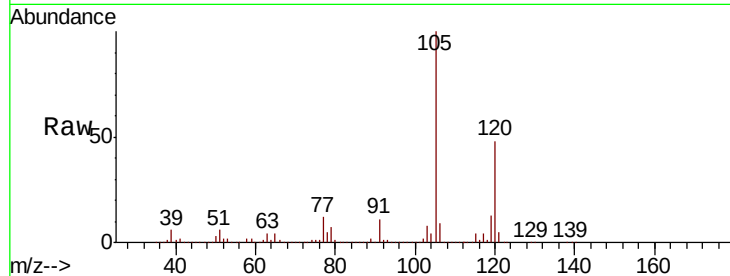




#84
 1,2,4-Trimethylbenzene
 Concen: 579.307 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

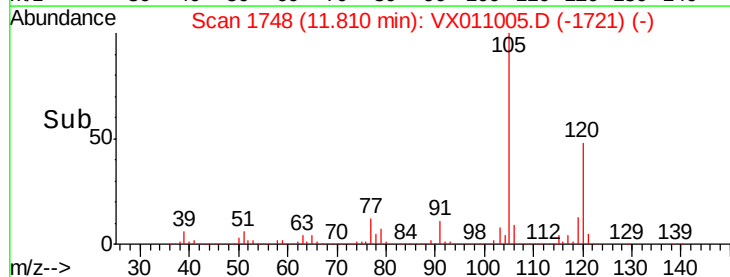
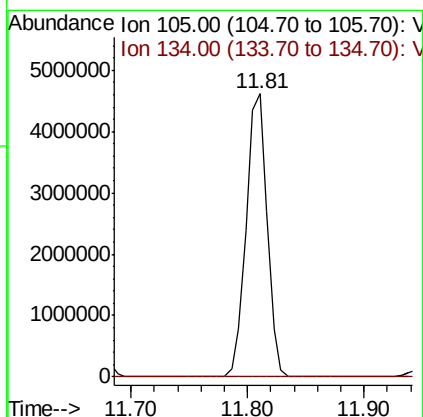
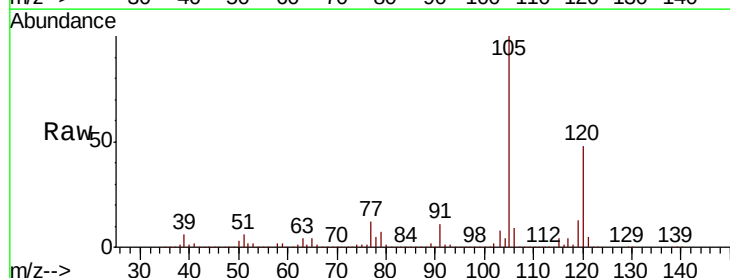
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0620

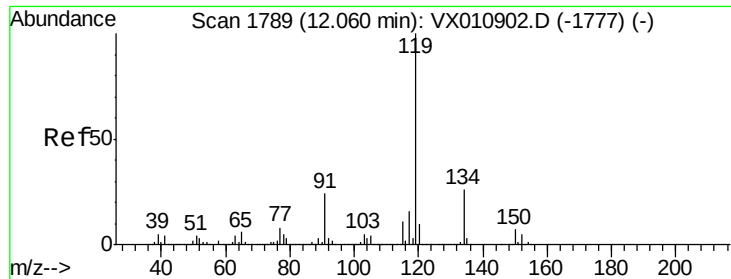
Tot Ion:105 Resp: 5815002
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 507.310 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.13 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion:105 Resp: 5815002
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

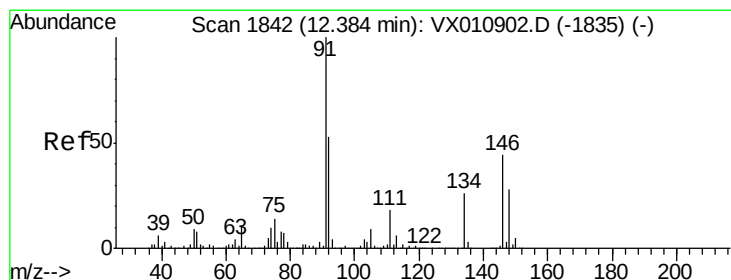
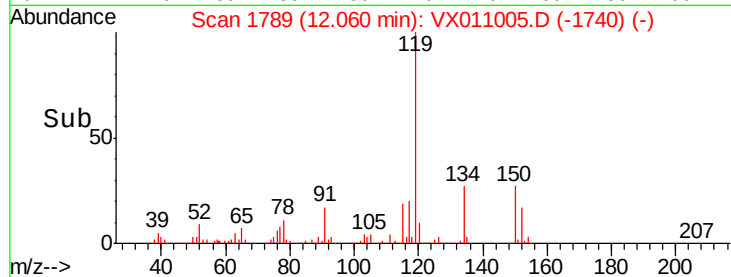
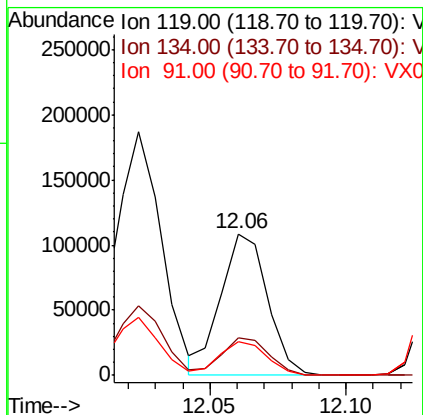
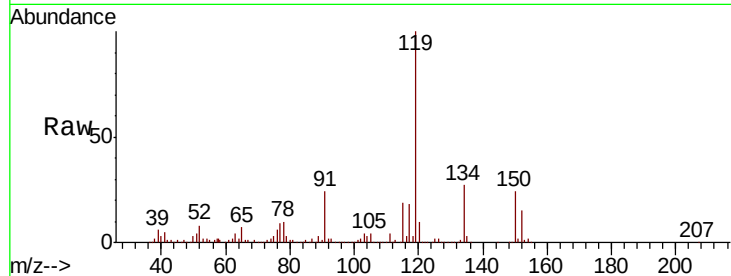




#86
 p-Isopropyltoluene
 Concen: 12.183 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

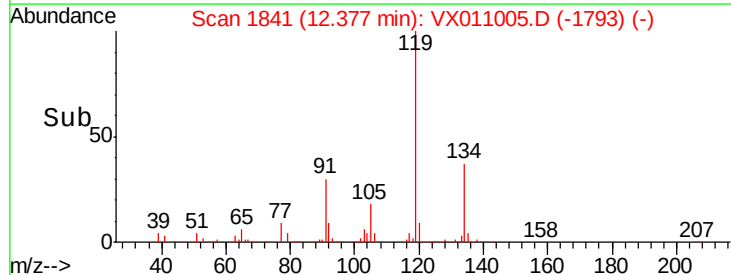
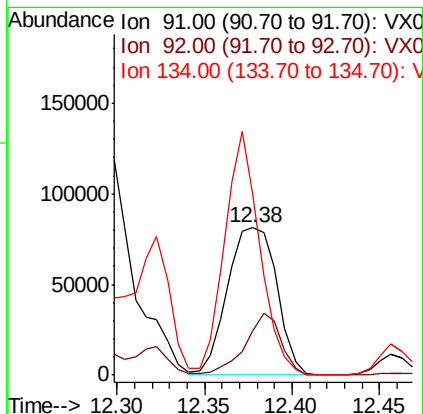
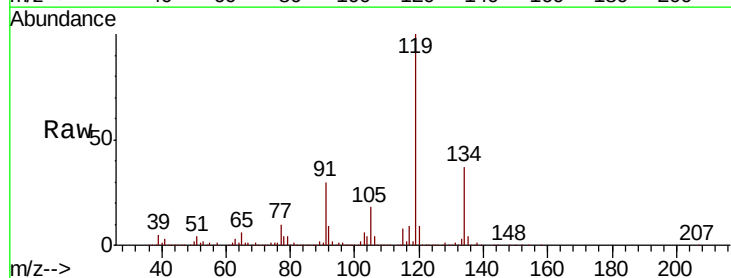
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0620

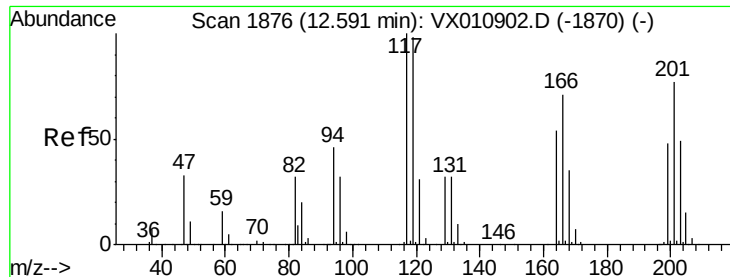
Tot Ion:119 Resp: 129103
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.1
 91 24.2 11.8 35.4



#89
 n-Butylbenzene
 Concen: 17.498 ug/l
 RT: 12.38 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion: 91 Resp: 158635
 Ion Ratio Lower Upper
 91 100
 92 30.7 26.2 78.5
 134 117.4 13.8 41.3#





#90

Hexachloroethane

Concen: 16.250 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

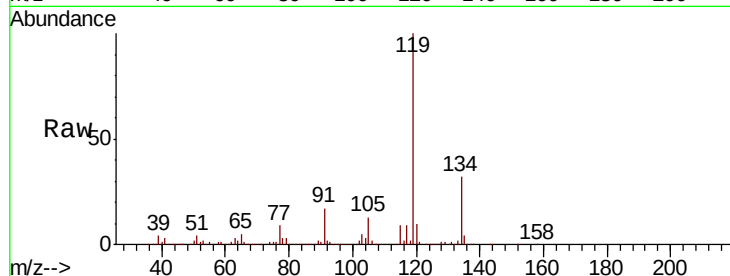
FL-0620

Tot Ion:117 Resp: 27161

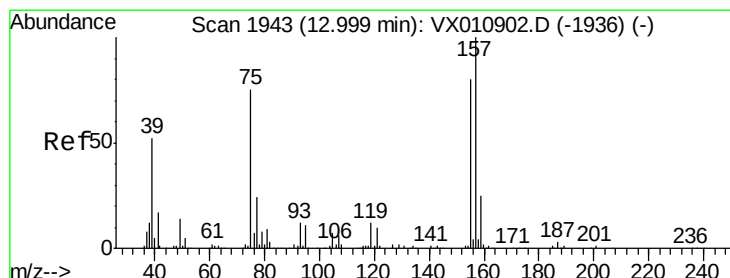
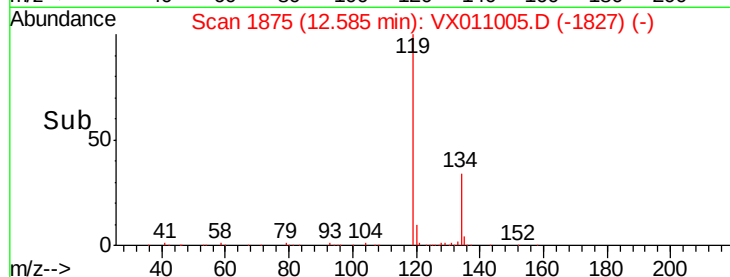
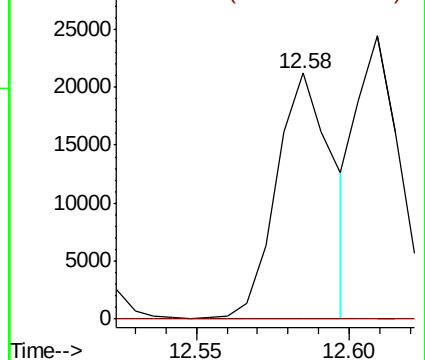
Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.759 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

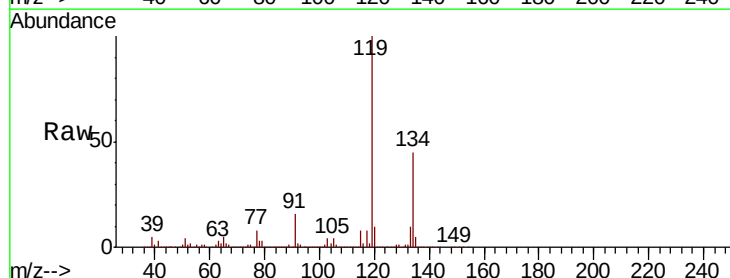
Tgt Ion: 75 Resp: 3065

Ion Ratio Lower Upper

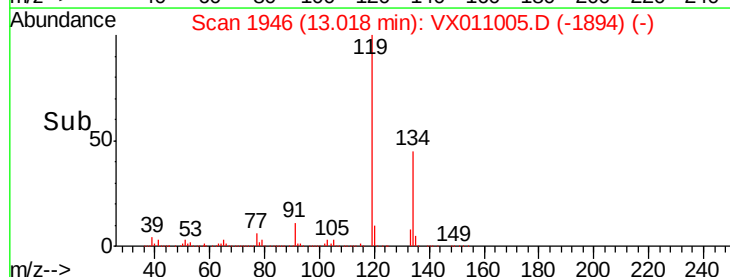
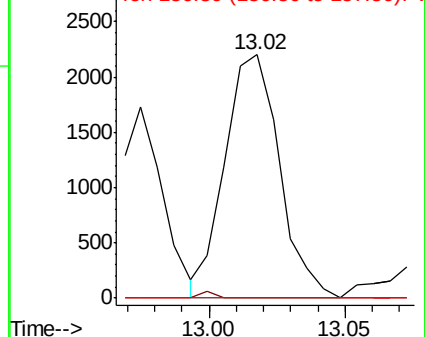
75 100

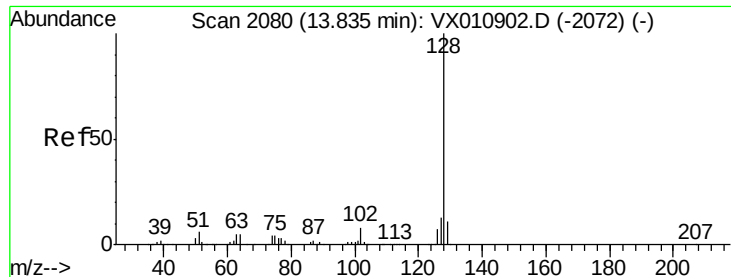
155 0.8 48.7 146.1#

157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

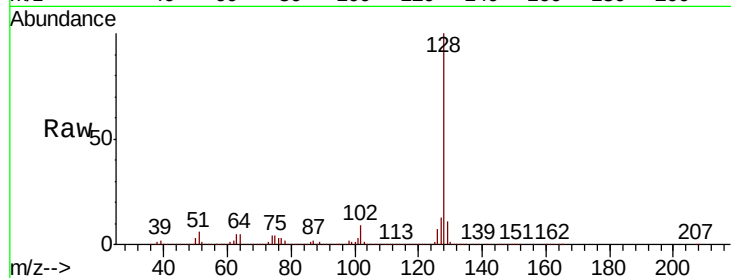




#95
Naphthalene
Concen: 269.459 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0620

Tot Ion:128 Resp: 3049124
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 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

