

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003931.D
 Acq On : 08 Aug 2018 18:38
 Operator : JC/MD
 Sample : J4387-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0550

Quant Time: Aug 09 03:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	490070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	473085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252352	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	210914	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	180547	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.72	98	723838	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	261862	56.05	ug/l	0.00
Spiked Amount			Recovery	=	112.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1144	0.25	ug/l	89
5) Bromomethane	1.65	94	345	Below Cal	#	66
6) Chloroethane	1.47	64	3498	1.22	ug/l	# 63
11) Tert butyl alcohol	3.07	59	459	0.44	ug/l	# 73
13) Acrolein	2.39	56	12349	16.81	ug/l	# 75
14) Allyl chloride	2.84	41	43035	6.38	ug/l	# 66
15) Acrylonitrile	3.17	53	12080	4.87	ug/l	# 41
16) Acetone	2.45	43	8056	3.13	ug/l	97
17) Carbon Disulfide	2.57	76	1232	0.56	ug/l	# 78
18) Methyl Acetate	2.84	43	109731	19.59	ug/l	# 52
20) Methylene Chloride	2.85	84	1406	Below Cal	#	1
26) 2,2-Dichloropropane	4.39	77	8589	1.62	ug/l	# 51
29) Tetrahydrofuran	5.24	42	2006	1.01	ug/l	# 1
30) Chloroform	5.28	83	2326	0.34	ug/l	91
31) Cyclohexane	5.57	56	684689	109.87	ug/l	98
36) 1,1-Dichloropropene	5.67	75	22052	4.02	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	28839	5.52	ug/l	# 15
39) Methylcyclohexane	7.46	83	1262461	195.08	ug/l	99
41) Methacrylonitrile	5.23	41	10572	3.18	ug/l	# 53
43) Isopropyl Acetate	6.45	43	15778	1.74	ug/l	# 62
45) 1,2-Dichloropropane	7.46	63	11725	2.75	ug/l	# 1
47) Bromodichloromethane	7.85	83	3792	0.73	ug/l	# 42
48) Methyl methacrylate	7.73	41	53764	11.64	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.67	43	12752	1.69	ug/l	# 39
55) 1,1,2-Trichloroethane	9.16	97	80281	18.86	ug/l	# 19
56) Ethyl methacrylate	9.16	69	17417	2.82	ug/l	# 1
59) 2-Hexanone	9.45	43	5110	0.91	ug/l	# 28
67) Ethyl Benzene	10.26	91	175644	8.72	ug/l	98
68) m/p-Xylenes	10.36	106	85785	10.90	ug/l	98
69) o-Xylene	10.70	106	3399	0.46	ug/l	98
73) Isopropylbenzene	11.02	105	387237	20.74	ug/l	97
74) N-amyl acetate	6.45	43	15778	1.63	ug/l	# 59
75) 1,1,2,2-Tetrachloroethane	11.27	83	2591	0.40	ug/l	# 44
76) 1,2,3-Trichloropropane	11.36	75	3934	0.71	ug/l	# 1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003931.D
 Acq On : 08 Aug 2018 18:38
 Operator : JC/MD
 Sample : J4387-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0550

Quant Time: Aug 09 03:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

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

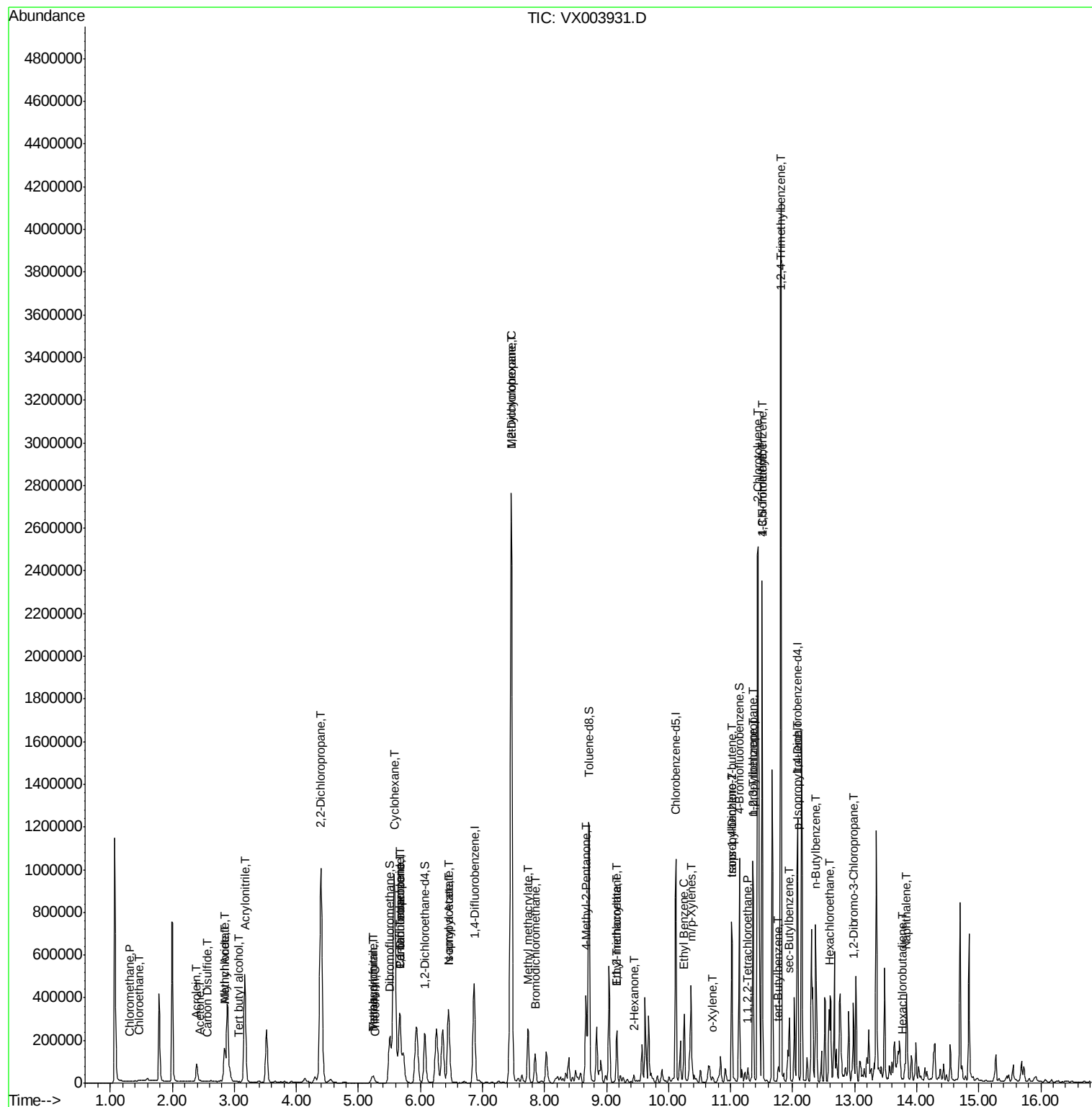
78) n-propylbenzene	11.36	91	602521	28.74	uq/l	98
79) 2-Chlorotoluene	11.44	91	220081	17.22	uq/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1007426	66.18	uq/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	4314	4.23	uq/l #	68
82) 4-Chlorotoluene	11.51	91	102962	6.88	uq/l #	44
83) tert-Butylbenzene	11.77	119	27113	1.81	uq/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	1785293	116.64	uq/l	99
85) sec-Butylbenzene	11.95	105	160066	9.06	uq/l	78
86) p-Isopropyltoluene	12.07	119	86130	5.43	uq/l	97
88) 1,4-Dichlorobenzene	12.10	146	559	Below	Cal #	1
89) n-Butylbenzene	12.38	91	107676	7.79	uq/l #	23
90) Hexachloroethane	12.59	117	13957	5.42	uq/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1451	1.11	uq/l #	1
94) Hexachlorobutadiene	13.78	225	273	0.52	uq/l	93
95) Naphthalene	13.83	128	256042	13.62	uq/l	97

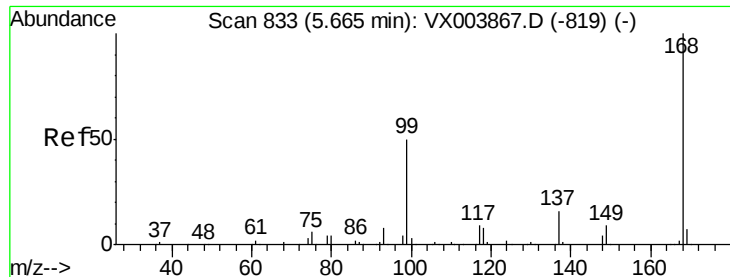
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003931.D
Acq On : 08 Aug 2018 18:38
Operator : JC/MD
Sample : J4387-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0550

Quant Time: Aug 09 03:15:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

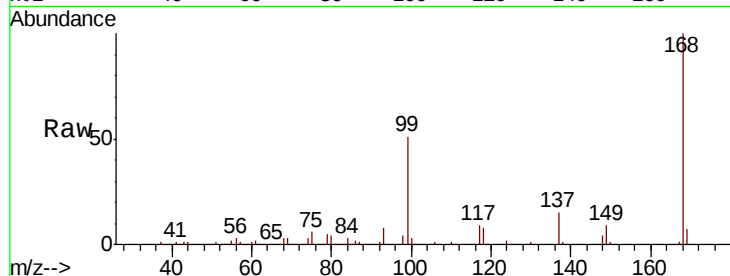
FL-0550

Tot Ion:168 Resp: 326190

Ion Ratio Lower Upper

168 100

99 51.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

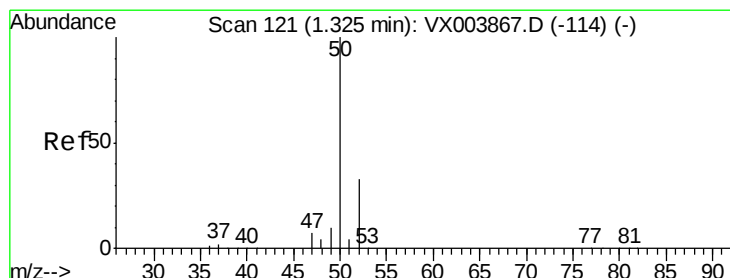
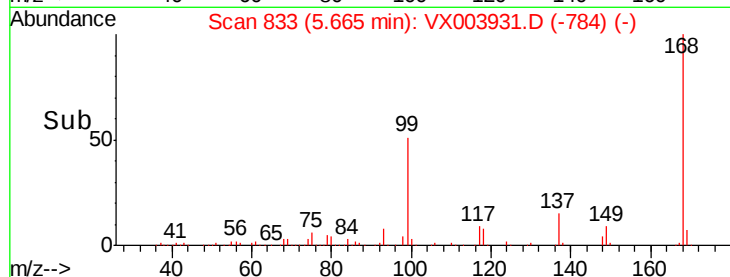
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003931.D

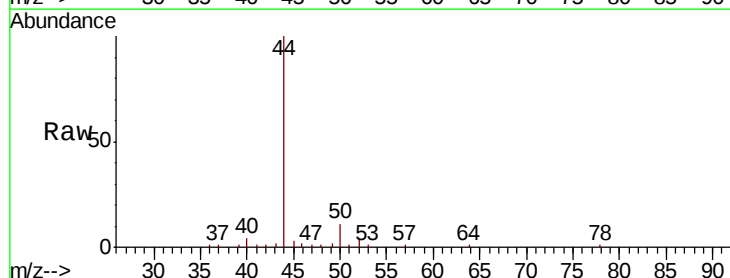
Acq: 08 Aug 2018 18:38

Tgt Ion: 50 Resp: 1144

Ion Ratio Lower Upper

50 100

52 39.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

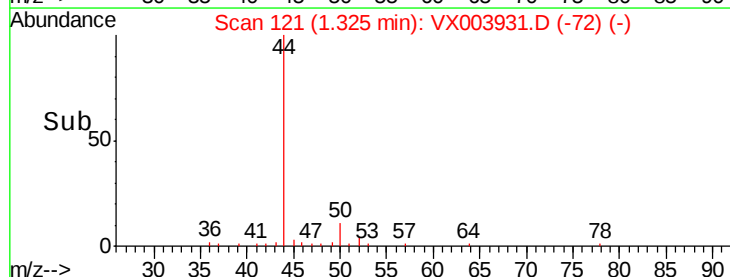
400

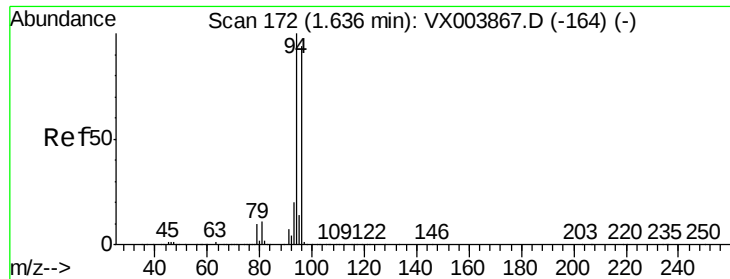
200

0

Time-->

1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

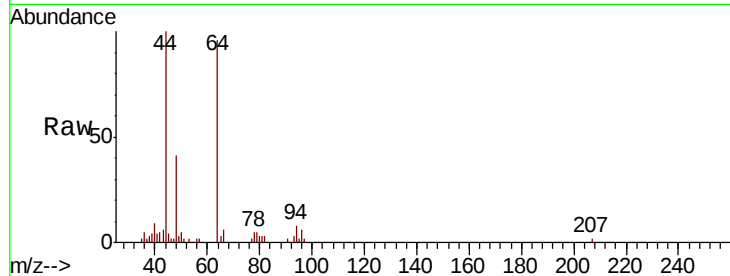
FL-0550

Tot Ion: 94 Resp: 345

Ion Ratio Lower Upper

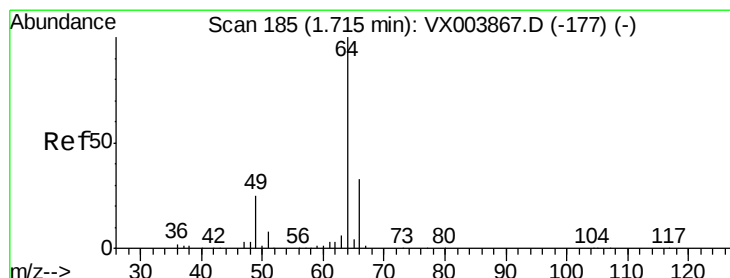
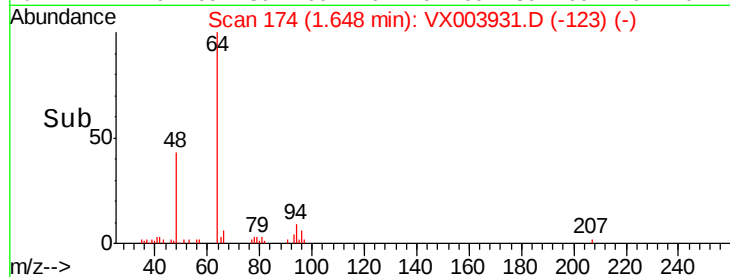
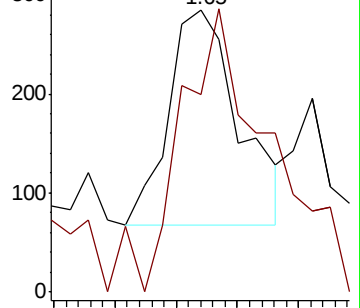
94 100

96 61.3 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.22 ug/l

RT: 1.47 min Scan# 144

Delta R.T. -0.25 min

Lab File: VX003931.D

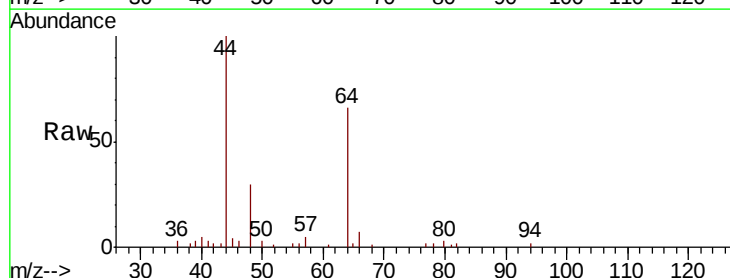
Acq: 08 Aug 2018 18:38

Tgt Ion: 64 Resp: 3498

Ion Ratio Lower Upper

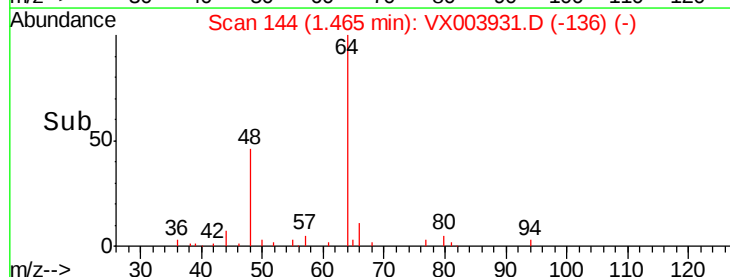
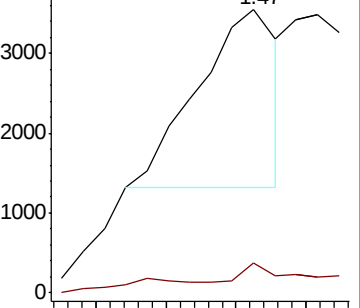
64 100

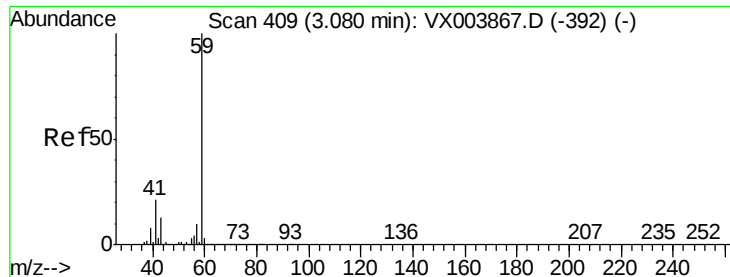
66 12.0 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

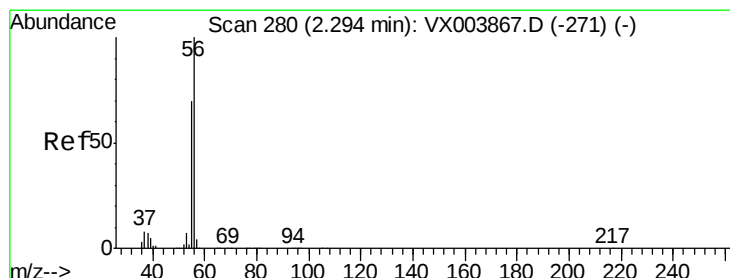
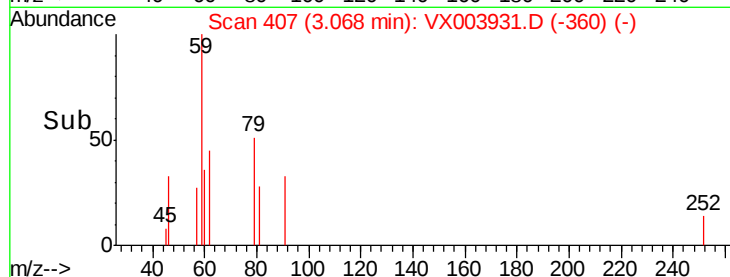
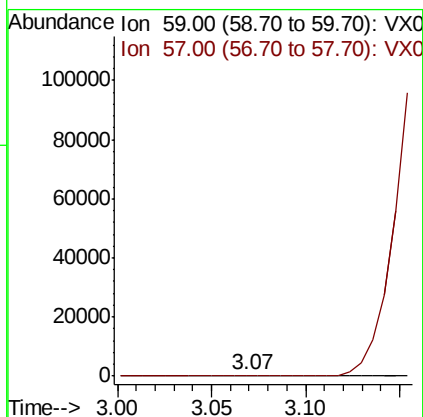
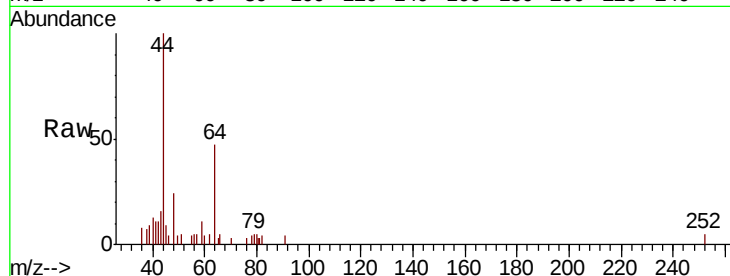




#11
Tert butvl alcohol
Concen: 0.44 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

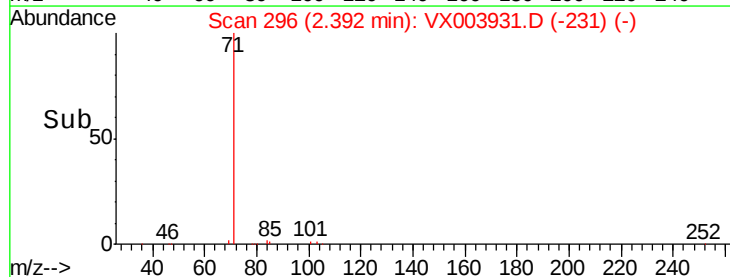
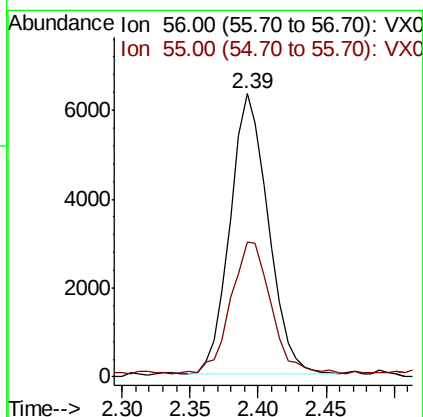
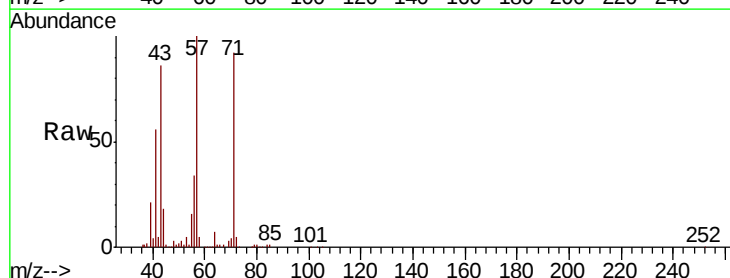
Instrument :
MSVOA_X
ClientSampled :
FL-0550

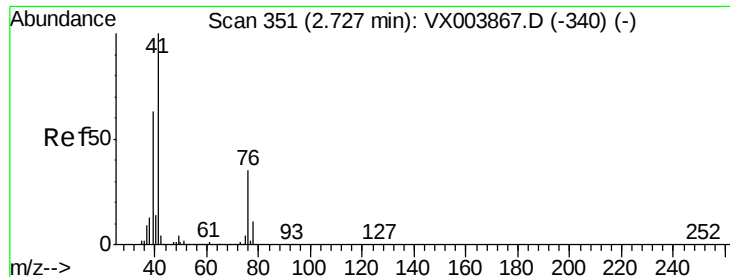
Tot Ion: 59 Resp: 459
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 16.81 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.10 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 56 Resp: 12349
Ion Ratio Lower Upper
56 100
55 49.2 56.1 84.1#





#14

Allvl chloride

Concen: 6.38 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

FL-0550

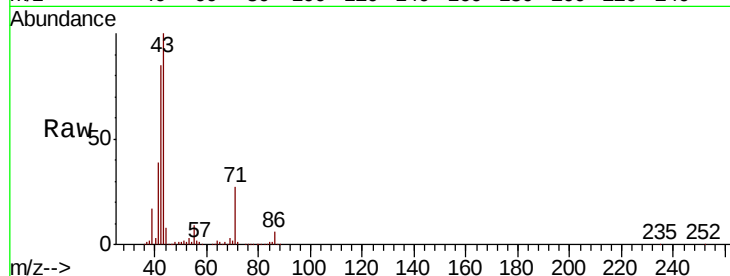
Tot Ion: 41 Resp: 43035

Ion Ratio Lower Upper

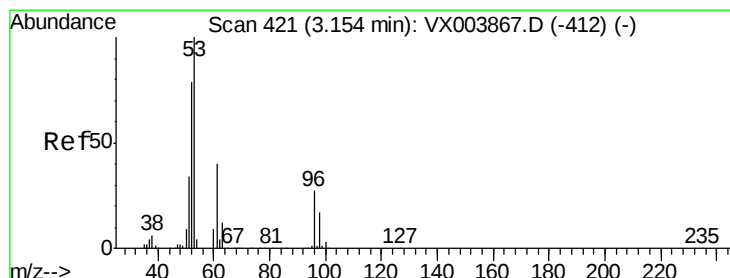
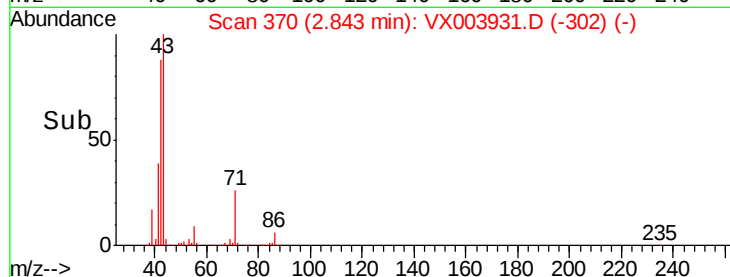
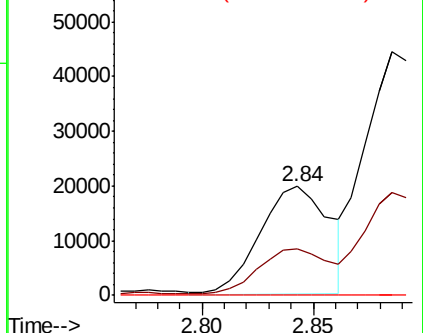
41 100

39 43.0 47.4 71.0#

76 0.2 26.0 39.0#



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: 4.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

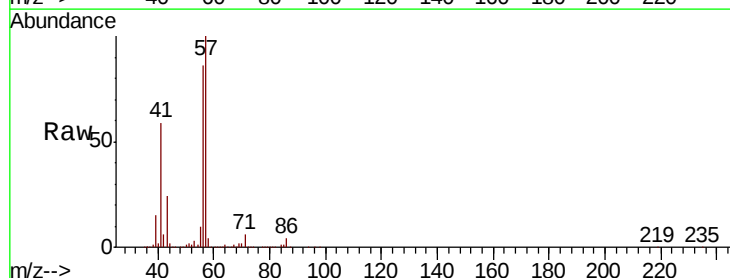
Tgt Ion: 53 Resp: 12080

Ion Ratio Lower Upper

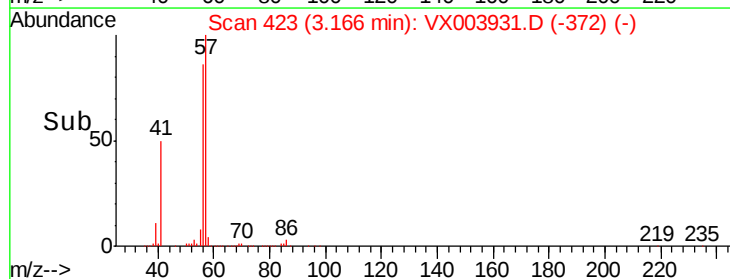
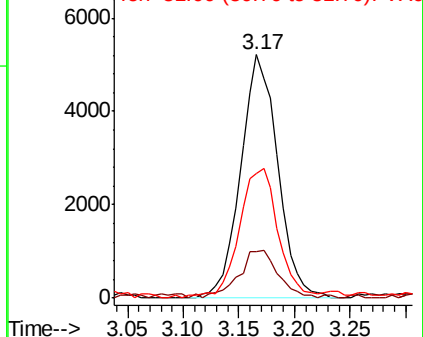
53 100

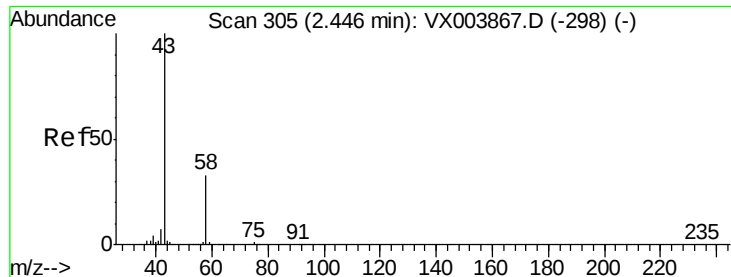
52 21.0 65.3 97.9#

51 56.3 27.9 41.9#



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: 3.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

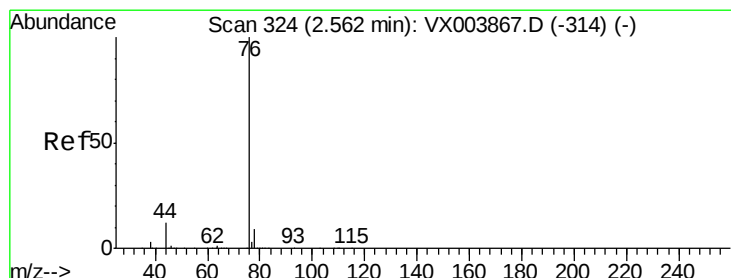
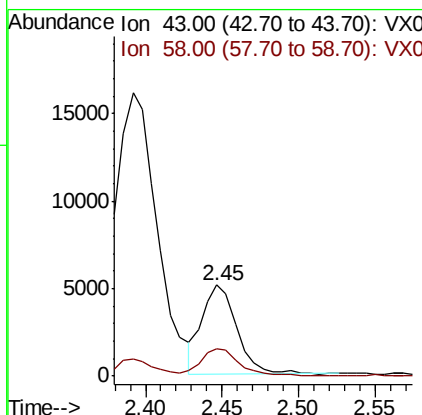
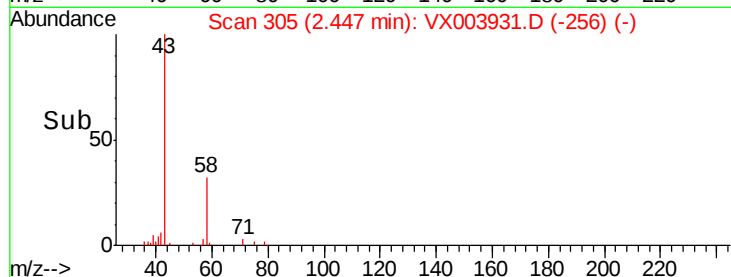
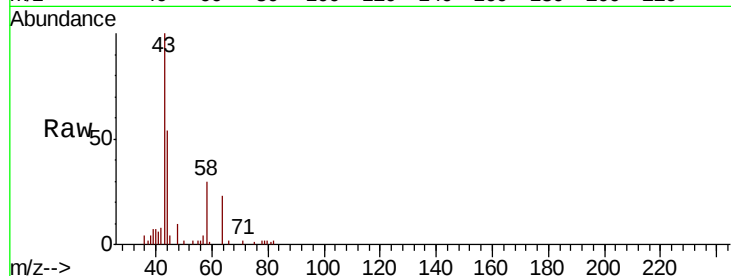
FL-0550

Tot Ion: 43 Resp: 8056

Ion Ratio Lower Upper

43 100

58 31.2 26.4 39.6



#17

Carbon Disulfide

Concen: 0.56 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003931.D

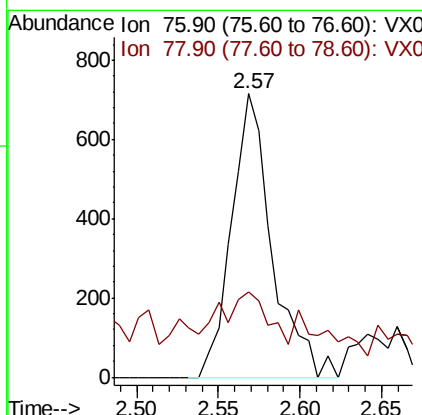
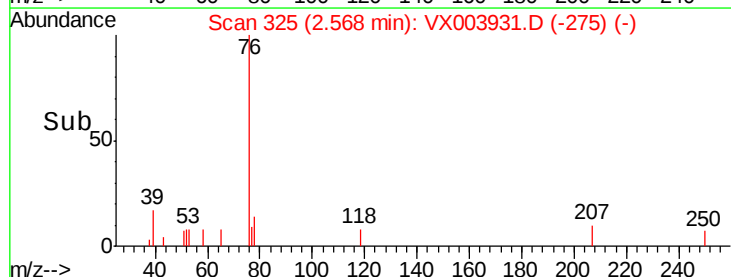
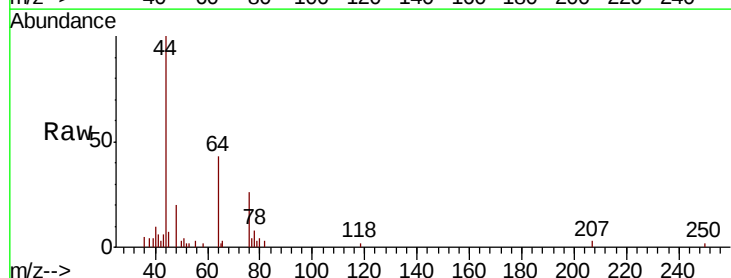
Acq: 08 Aug 2018 18:38

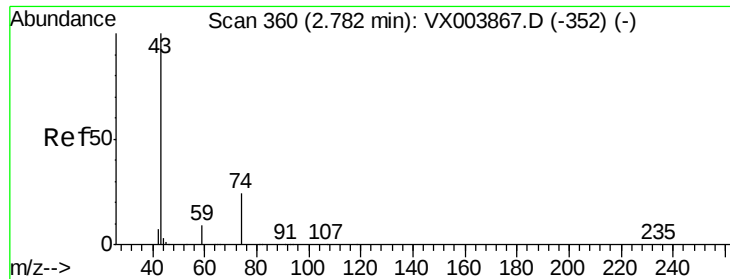
Tgt Ion: 76 Resp: 1232

Ion Ratio Lower Upper

76 100

78 17.5 7.5 11.3#

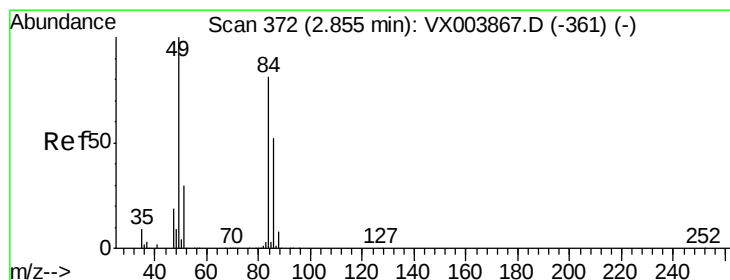
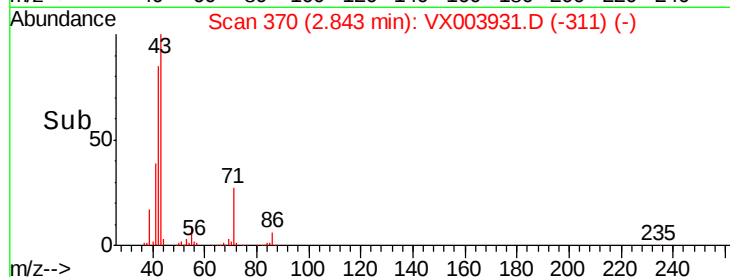
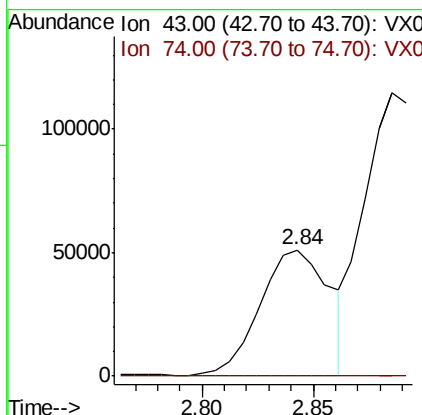
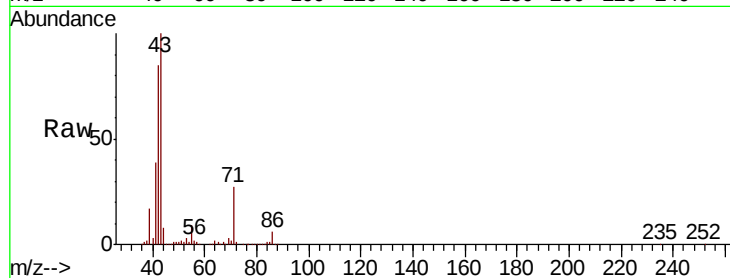




#18
Methyl Acetate
Concen: 19.59 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

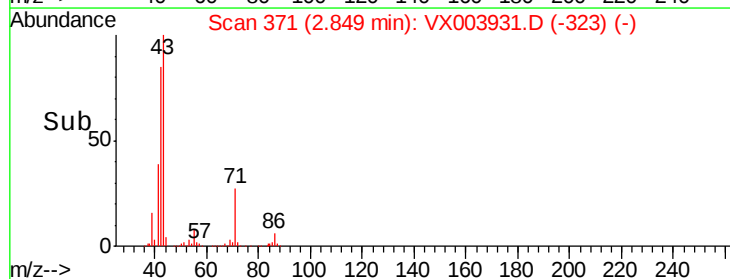
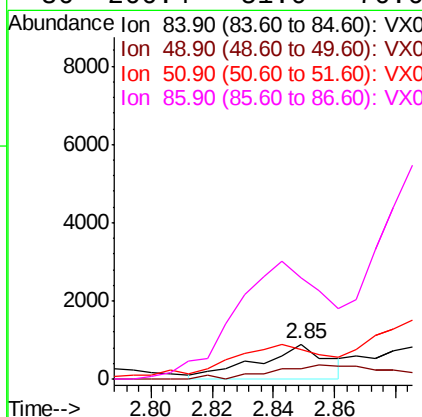
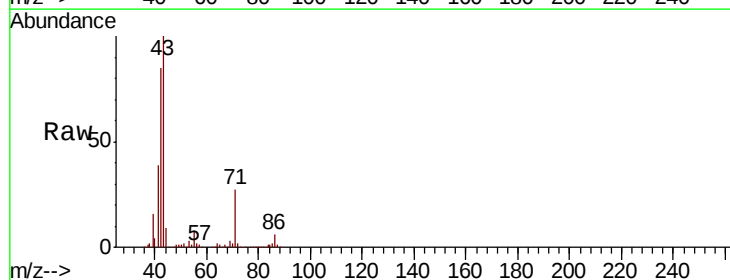
Instrument :
MSVOA_X
ClientSampled :
FL-0550

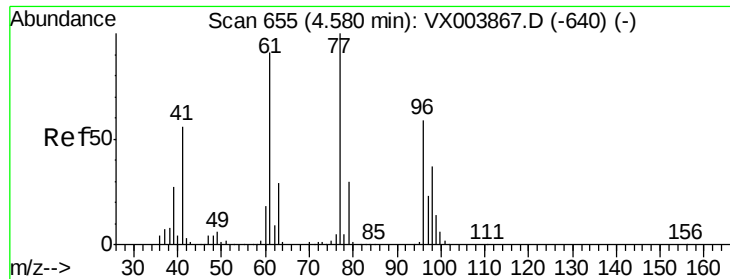
Tot Ion: 43 Resp: 109731
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 84 Resp: 1406
Ion Ratio Lower Upper
84 100
49 31.9 98.9 148.3#
51 78.4 29.9 44.9#
86 266.4 51.0 76.6#





#26

2,2-Dichloropropane

Concen: 1.62 ug/l

RT: 4.39 min Scan# 623

Delta R.T. -0.19 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

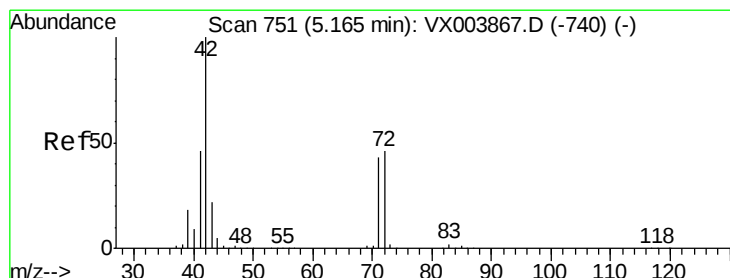
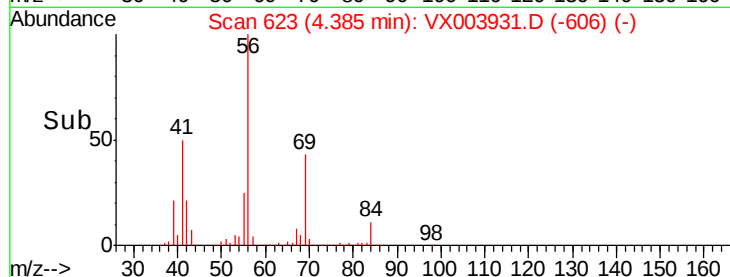
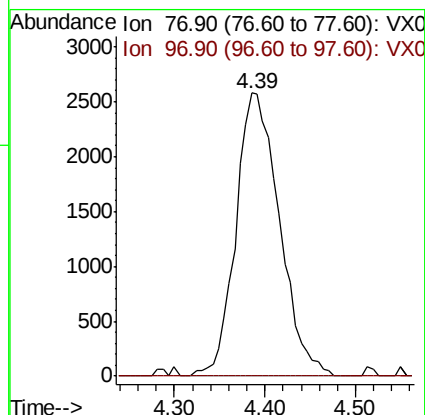
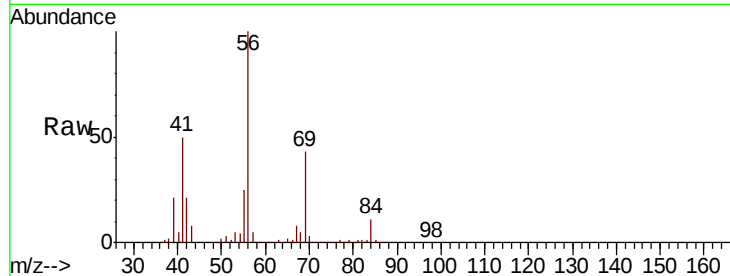
FL-0550

Tot Ion: 77 Resp: 8589

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#



#29

Tetrahydrofuran

Concen: 1.01 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.07 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

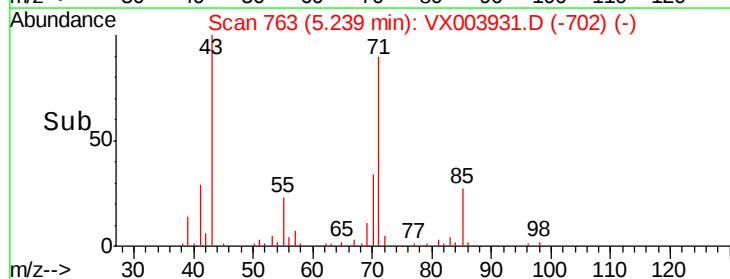
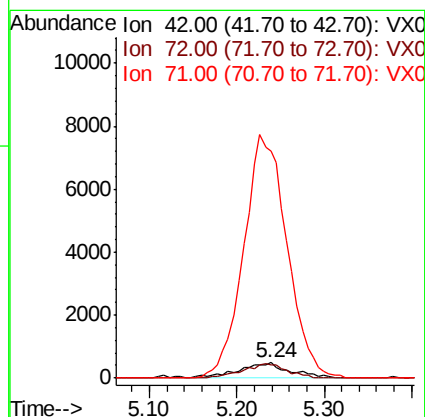
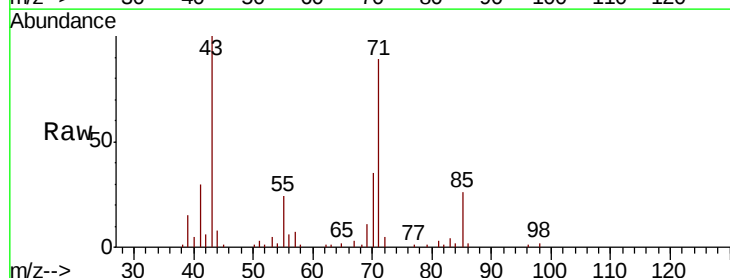
Tgt Ion: 42 Resp: 2006

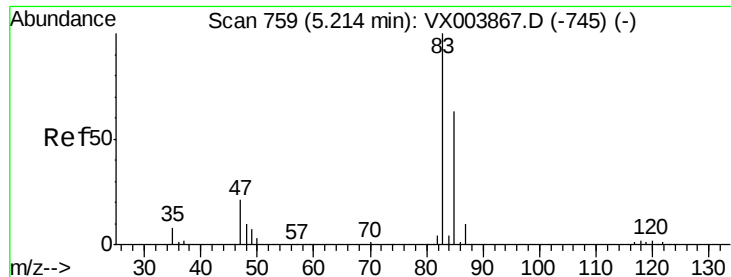
Ion Ratio Lower Upper

42 100

72 80.3 37.7 56.5#

71 1331.3 35.0 52.6#

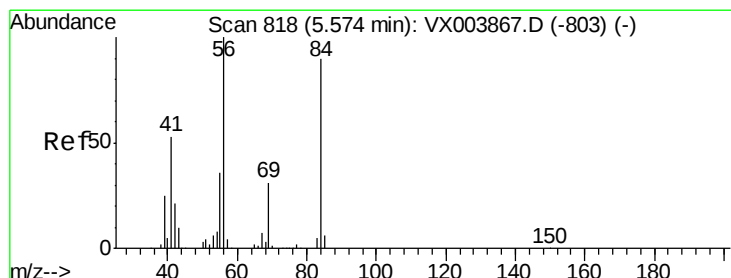
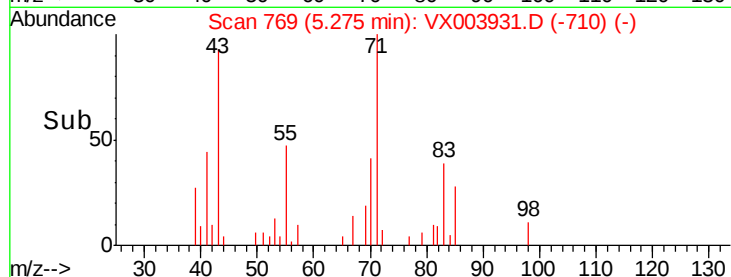
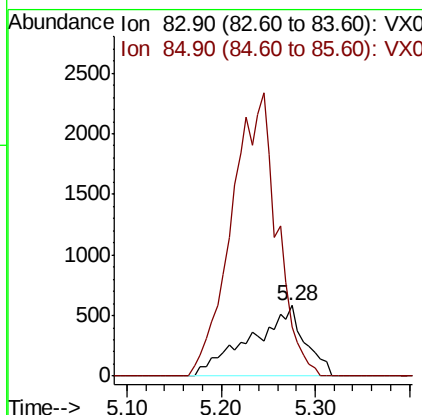
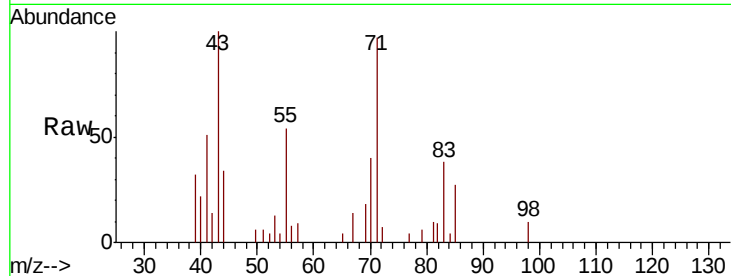




#30
Chloroform
Concen: 0.34 ug/l
RT: 5.28 min Scan# 769
Delta R.T. 0.06 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

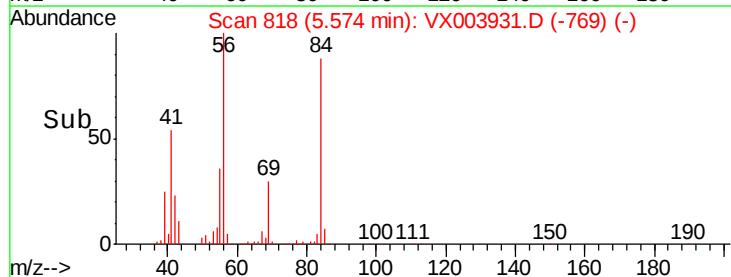
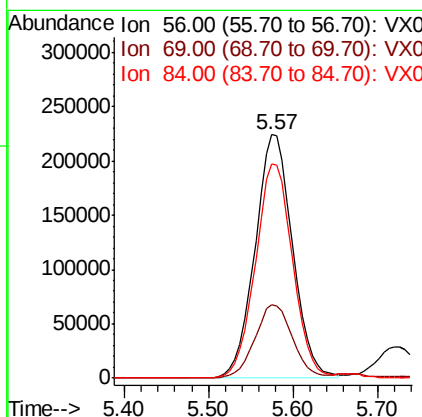
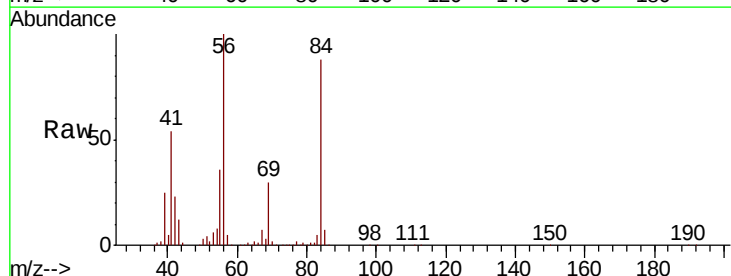
Instrument :
MSVOA_X
ClientSampled :
FL-0550

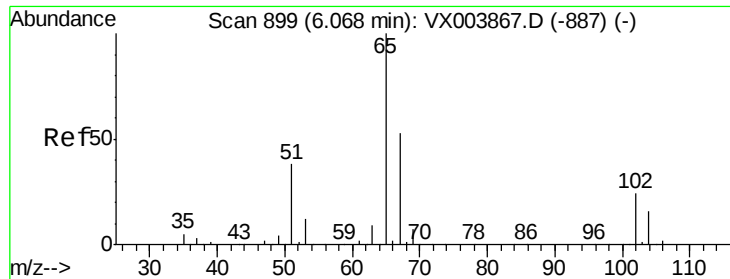
Tot Ion: 83 Resp: 2326
Ion Ratio Lower Upper
83 100
85 70.2 50.7 76.1



#31
Cyclohexane
Concen: 109.87 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 56 Resp: 684689
Ion Ratio Lower Upper
56 100
69 30.2 24.9 37.3
84 87.8 71.7 107.5

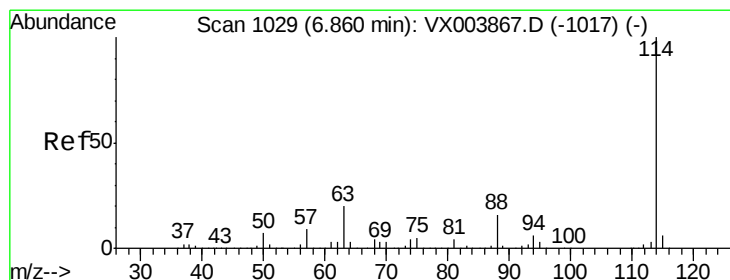
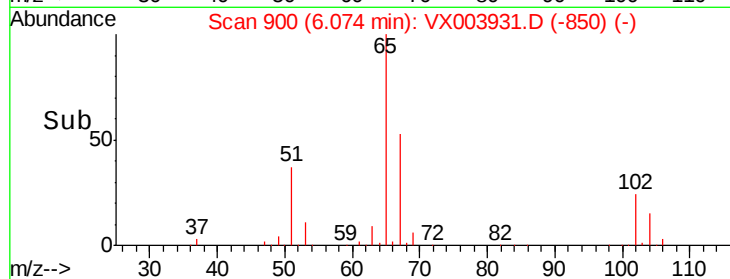
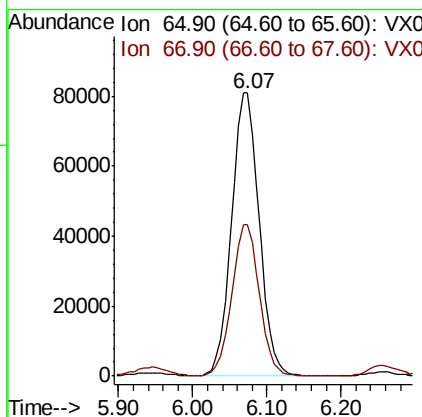
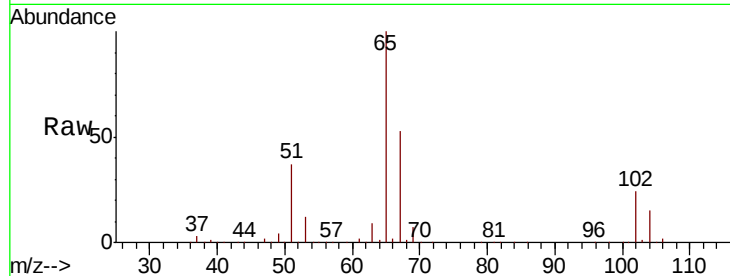




#33
 1,2-Dichloroethane-d4
 Concen: 48.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

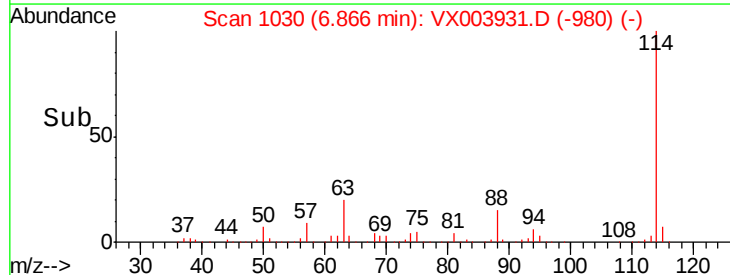
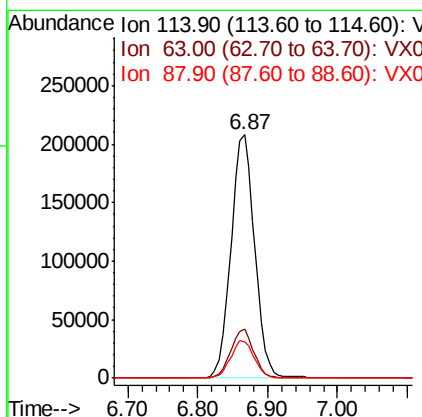
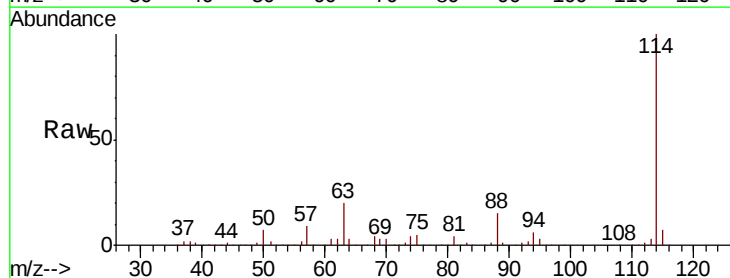
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0550

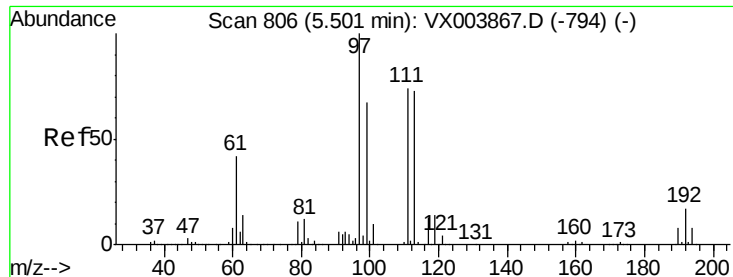
Tot Ion: 65 Resp: 210914
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

Tgt Ion: 114 Resp: 490070
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.0 0.0 32.0

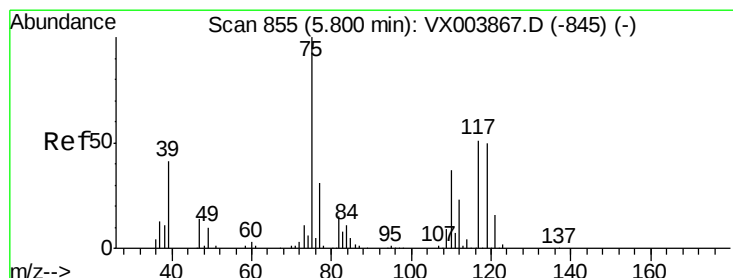
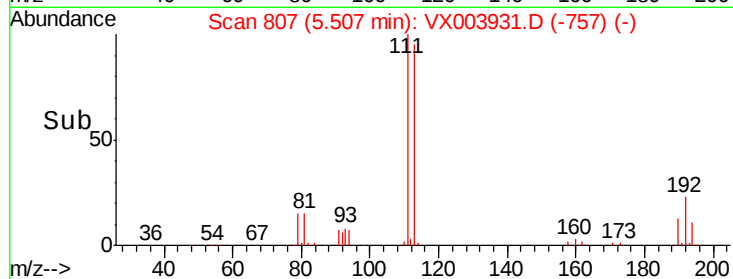
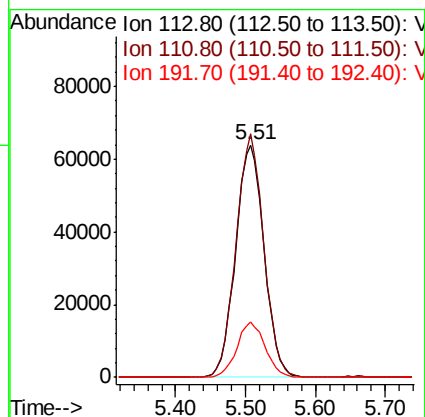
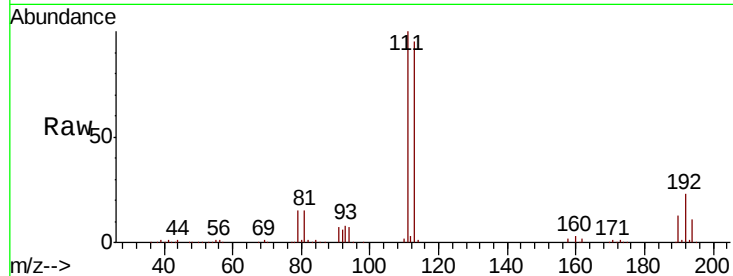




#35
 Dibromofluoromethane
 Concen: 48.63 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

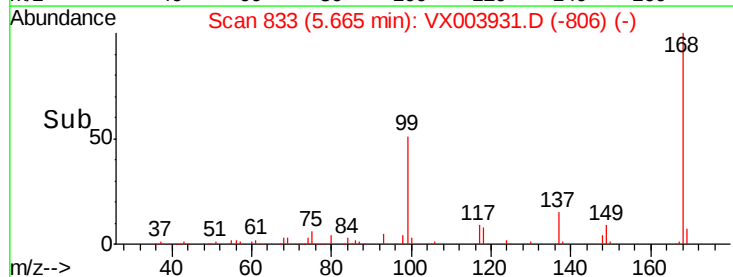
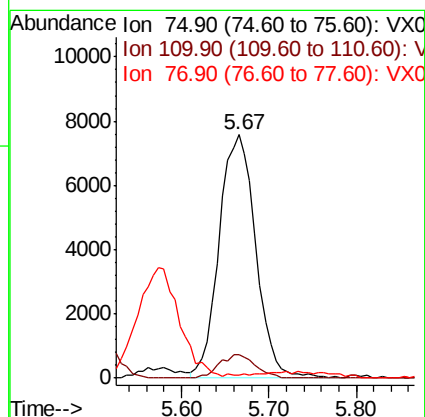
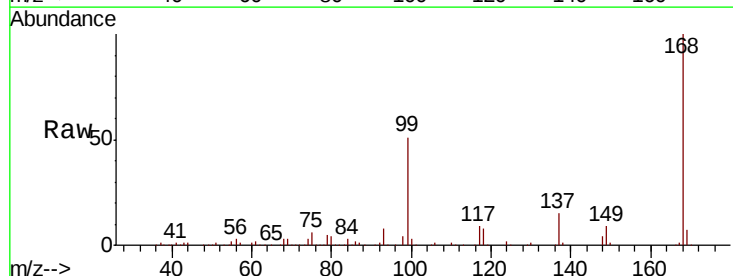
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0550

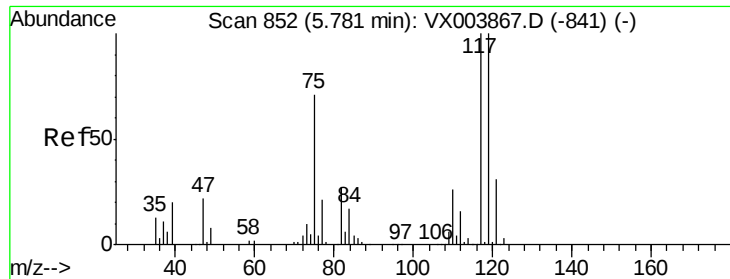
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.6	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 4.02 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.2	54.6#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.52 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

FL-0550

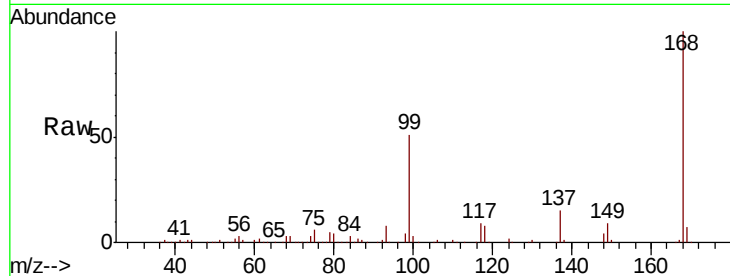
Tot Ion:117 Resp: 28839

Ion Ratio Lower Upper

117 100

119 5.2 79.5 119.3#

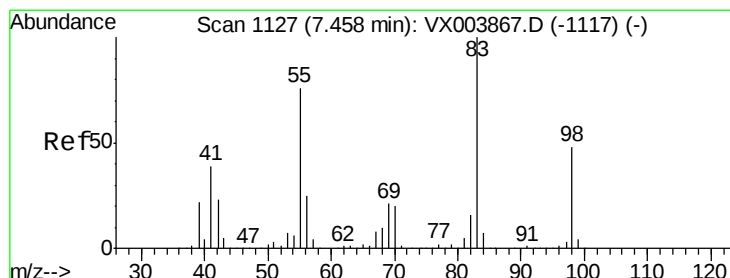
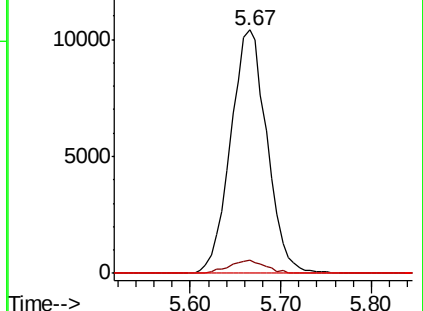
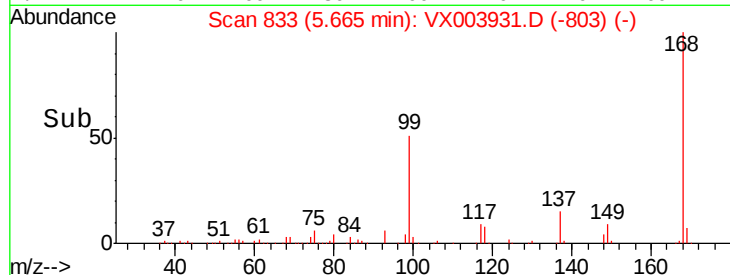
121 0.0 25.0 37.4#



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: 195.08 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

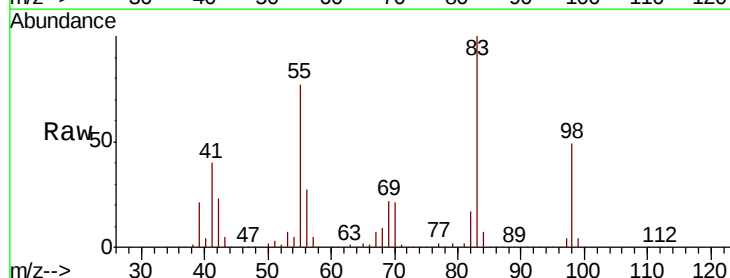
Tgt Ion: 83 Resp: 1262461

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.6

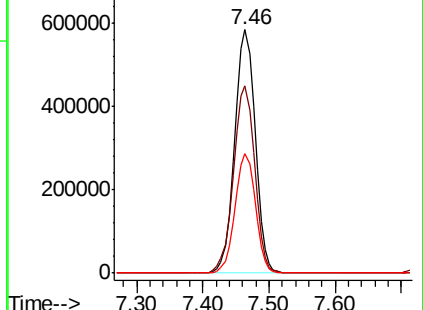
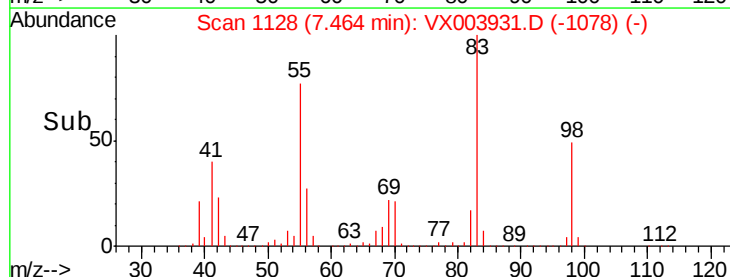
98 49.2 38.6 57.8

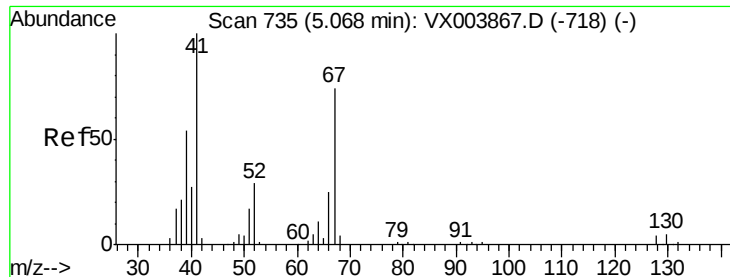


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

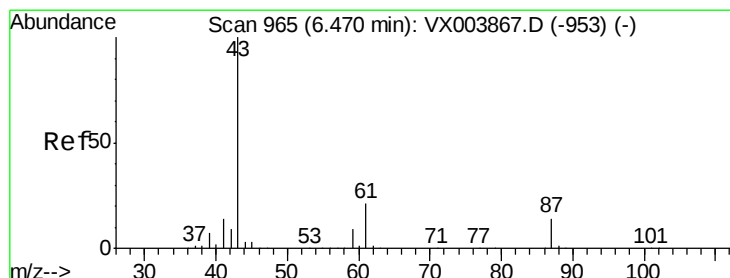
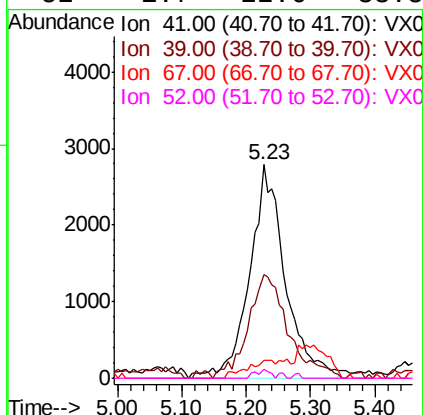
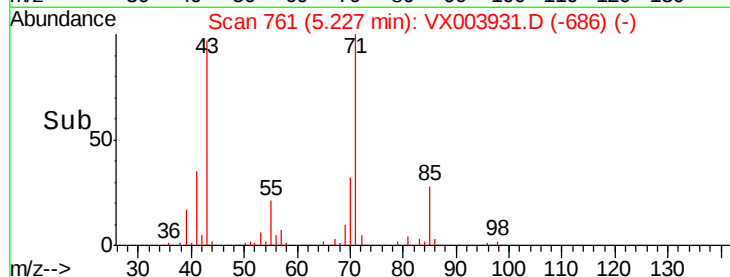
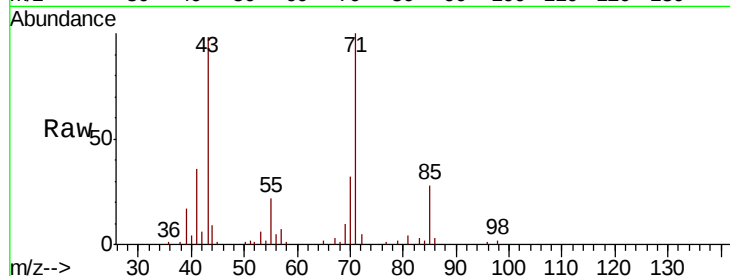




#41
Methacrylonitrile
Concen: 3.18 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.16 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

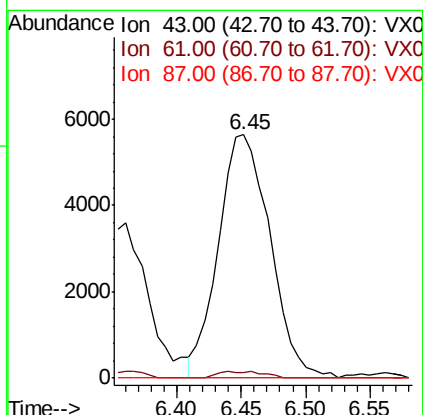
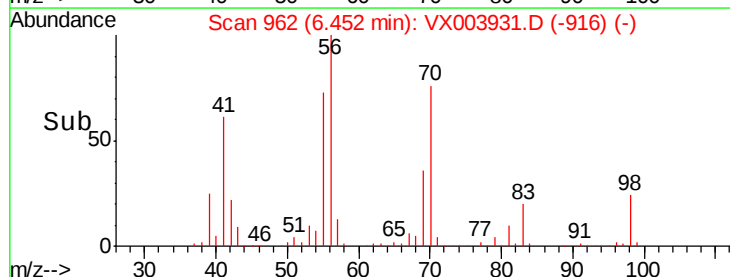
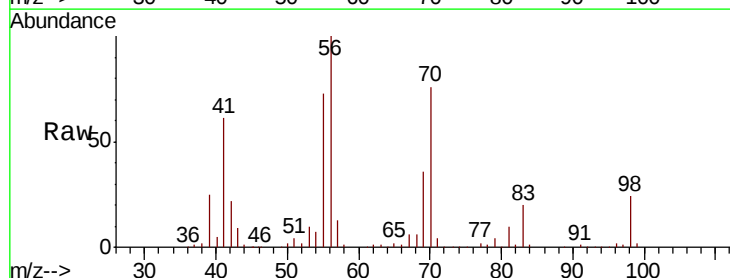
Instrument :
MSVOA_X
ClientSampleId :
FL-0550

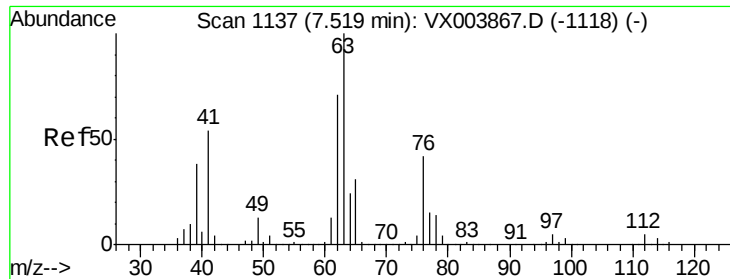
Tot Ion: 41 Resp: 10572
Ion Ratio Lower Upper
41 100
39 54.8 42.7 64.1
67 6.8 58.9 88.3#
52 1.7 22.6 33.8#



#43
Isopropyl Acetate
Concen: 1.74 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 43 Resp: 15778
Ion Ratio Lower Upper
43 100
61 2.4 16.9 25.3#
87 0.0 11.3 16.9#





#45

1,2-Dichloropropane

Concen: 2.75 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

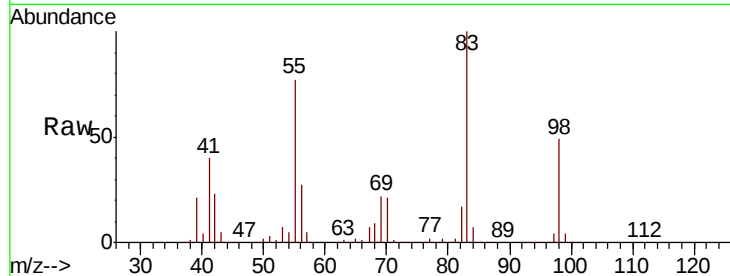
FL-0550

Tot Ion: 63 Resp: 11725

Ion Ratio Lower Upper

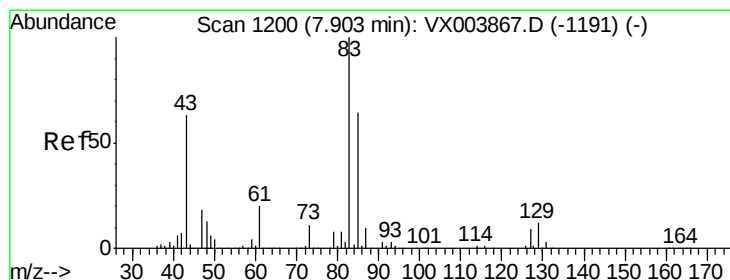
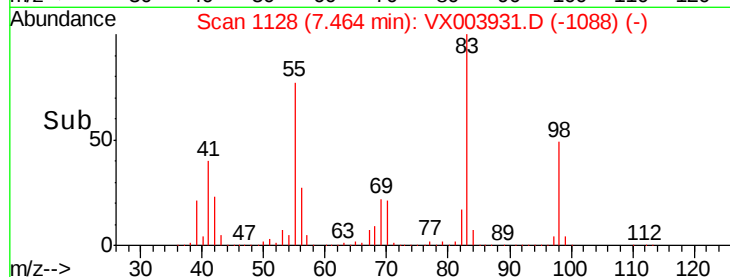
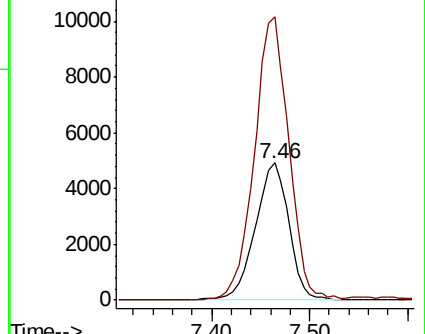
63 100

65 206.3 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.73 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

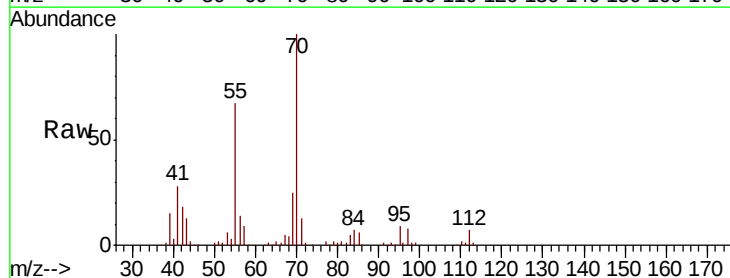
Tgt Ion: 83 Resp: 3792

Ion Ratio Lower Upper

83 100

85 113.3 51.2 76.8#

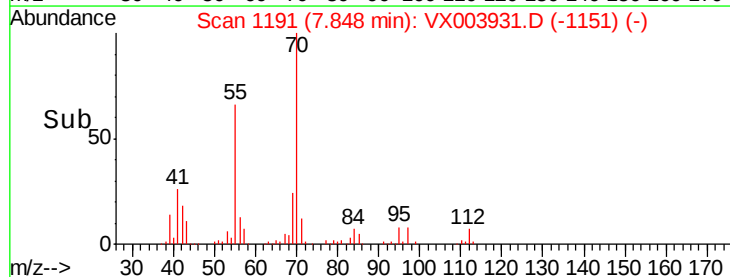
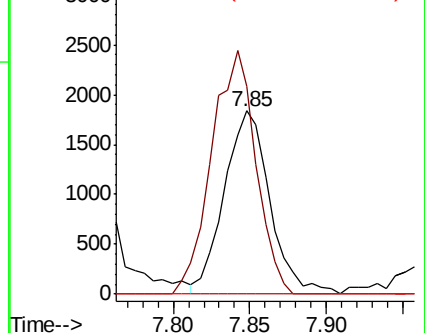
127 0.0 7.2 10.8#

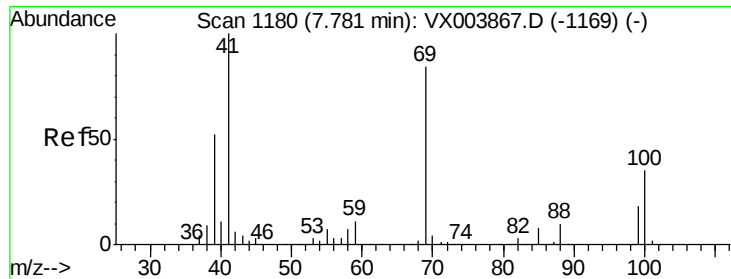


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

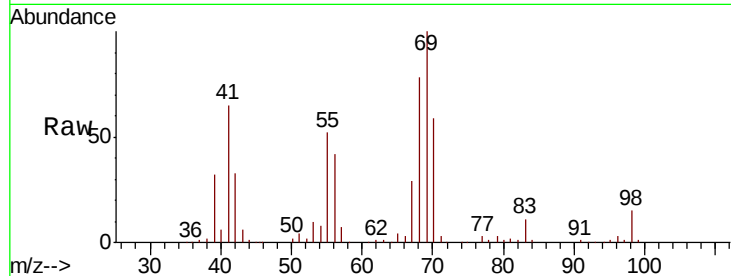




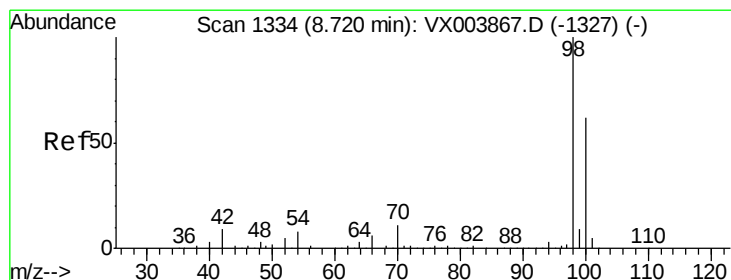
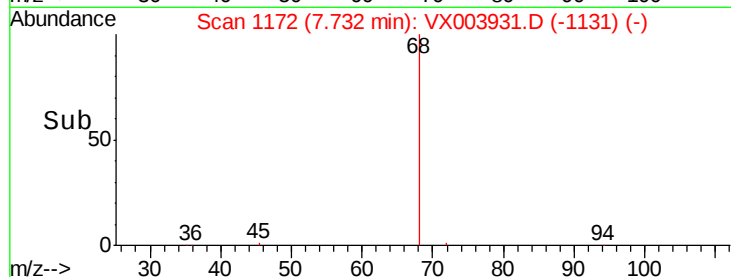
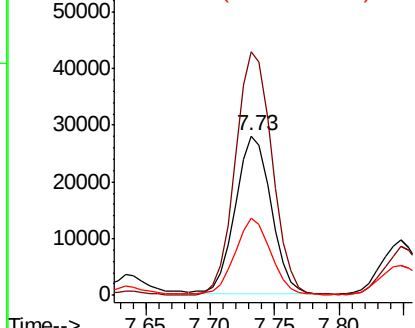
#48
Methvl methacrylate
Concen: 11.64 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Instrument :
MSVOA_X
ClientSampleId :
FL-0550

Tot Ion: 41 Resp: 53764
Ion Ratio Lower Upper
41 100
69 157.0 68.8 103.2#
39 47.5 42.3 63.5

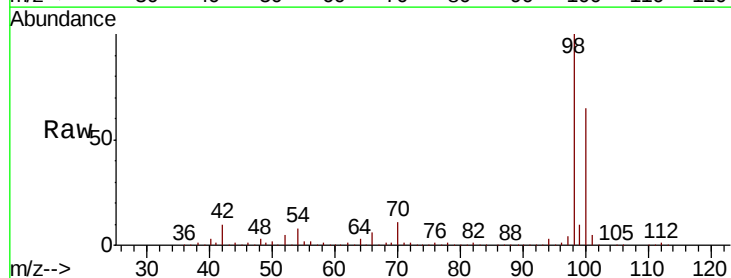


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

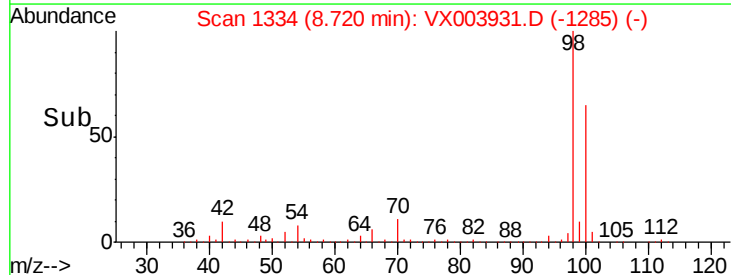
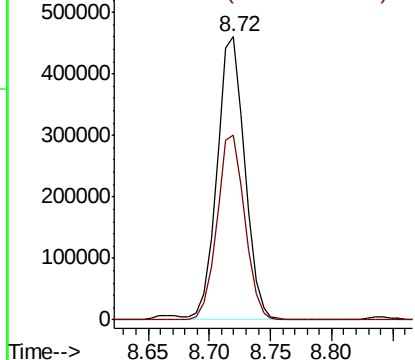


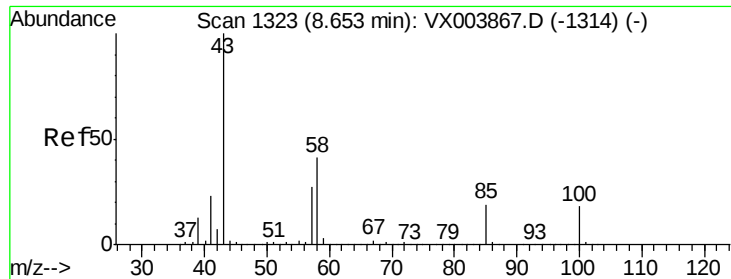
#50
Toluene-d8
Concen: 50.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 98 Resp: 723838
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



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: 1.69 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.02 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

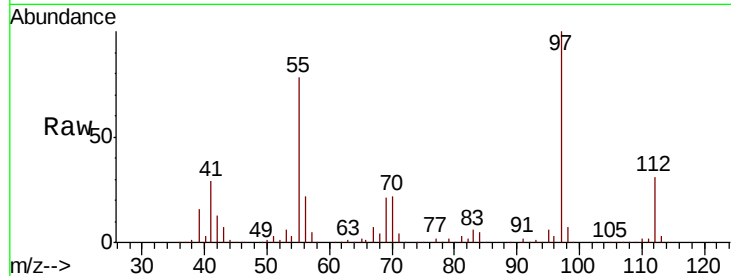
FL-0550

Tot Ion: 43 Resp: 12752

Ion Ratio Lower Upper

43 100

58 3.2 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

2000

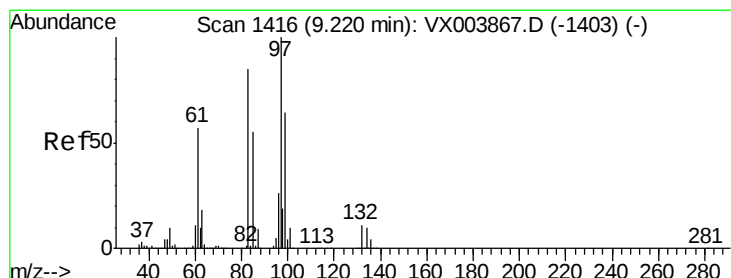
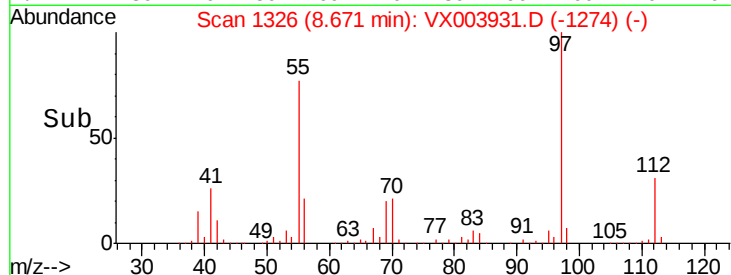
0

8.60

8.65

8.70

Time-->



#55

1,1,2-Trichloroethane

Concen: 18.86 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Tgt Ion: 97 Resp: 80281

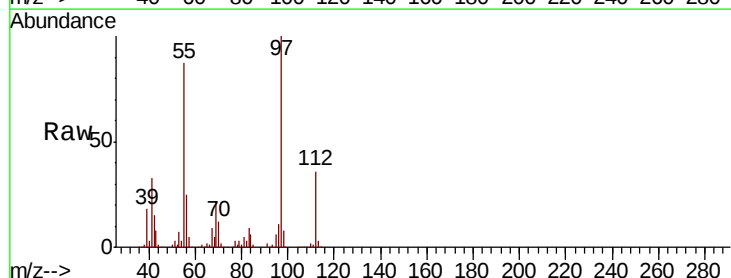
Ion Ratio Lower Upper

97 100

83 8.4 67.8 101.6#

85 0.6 44.2 66.2#

99 0.4 50.8 76.2#



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

80000

60000

40000

20000

0

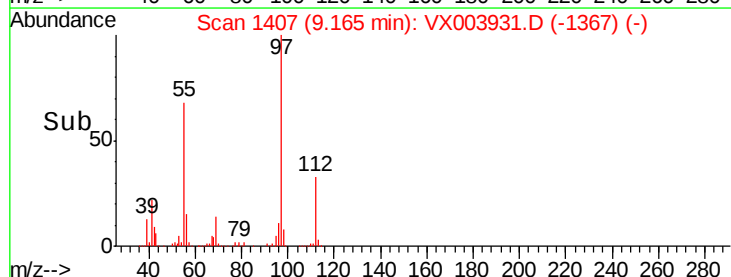
9.10

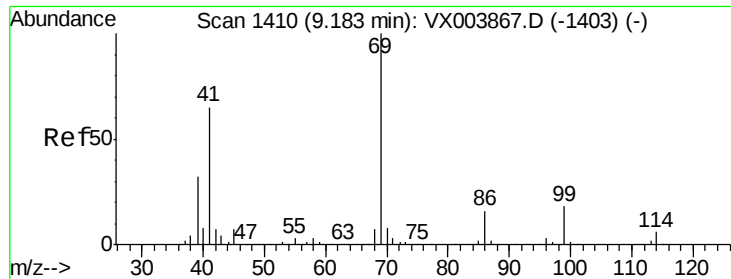
9.15

9.20

9.25

Time-->

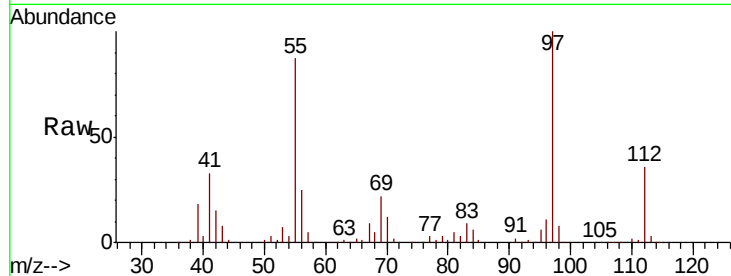




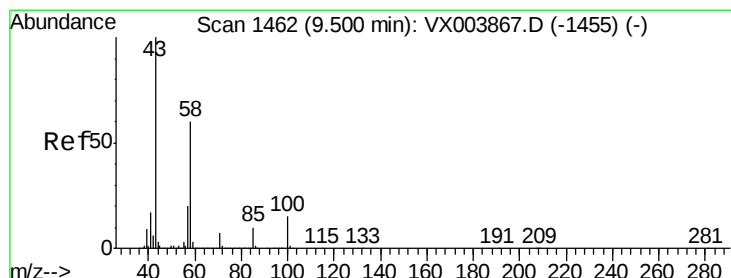
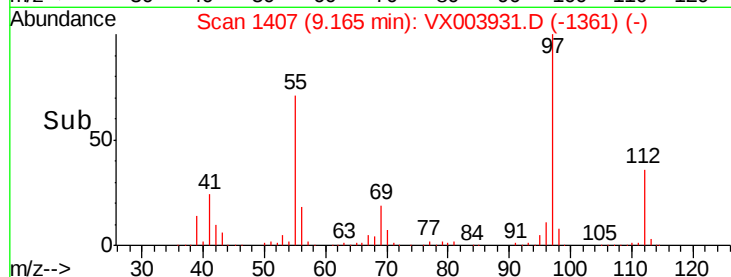
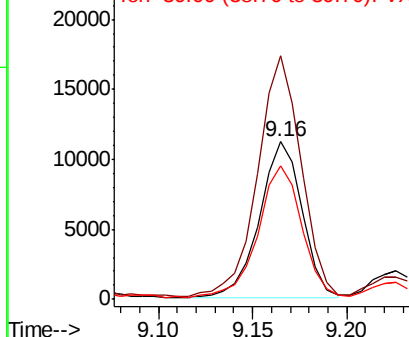
#56
Ethyl methacrylate
Concen: 2.82 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Instrument :
MSVOA_X
ClientSampleId :
FL-0550

Tot Ion: 69 Resp: 17417
Ion Ratio Lower Upper
69 100
41 157.3 50.6 76.0#
39 86.3 25.8 38.6#

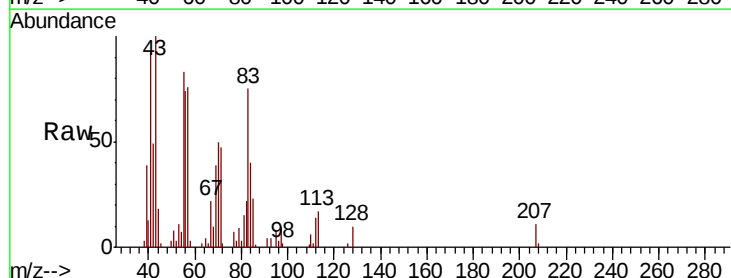


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

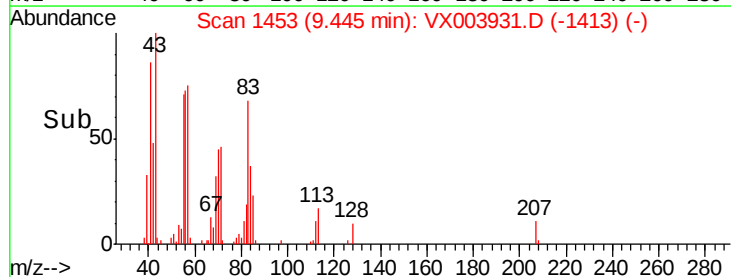
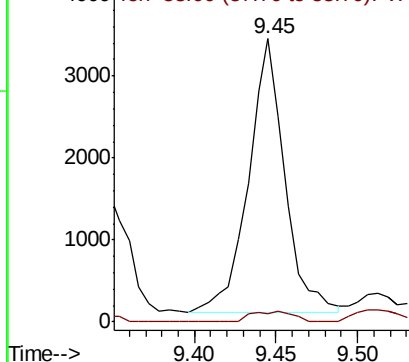


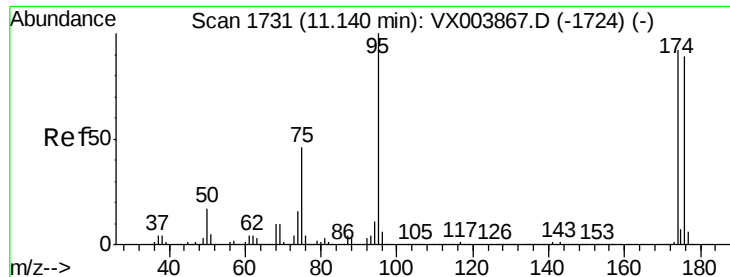
#59
2-Hexanone
Concen: 0.91 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 43 Resp: 5110
Ion Ratio Lower Upper
43 100
58 4.4 29.0 87.0#



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

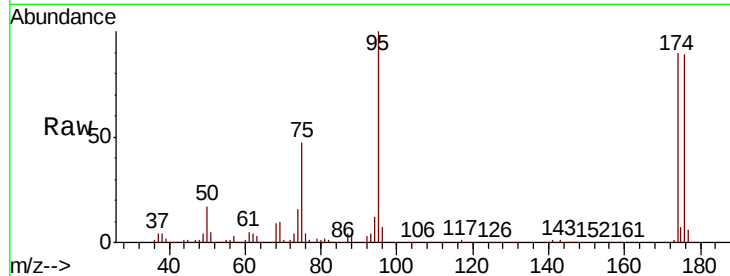




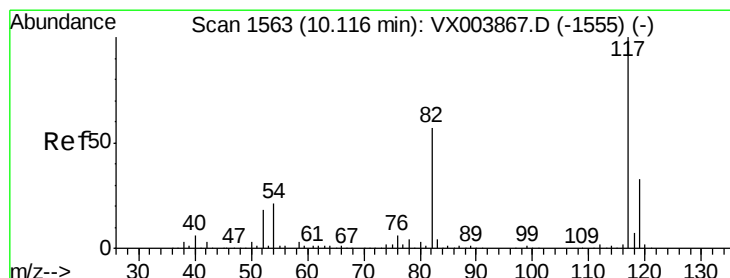
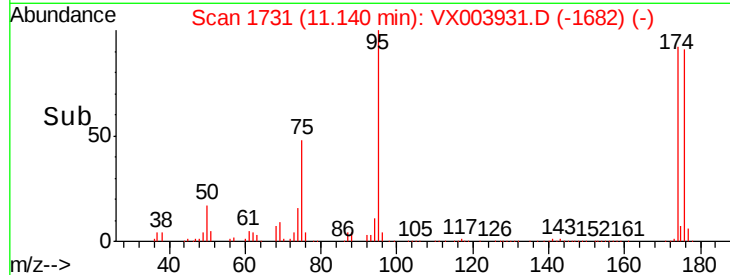
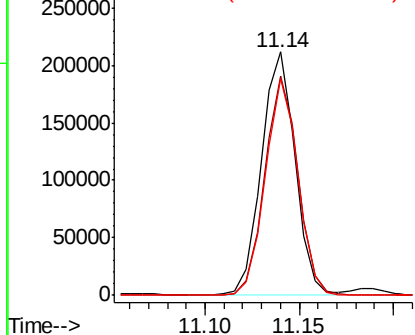
#62
4-Bromofluorobenzene
Concen: 56.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Instrument :
MSVOA_X
ClientSampled :
FL-0550

Tot Ion: 95 Resp: 261862
Ion Ratio Lower Upper
95 100
174 88.9 0.0 182.8
176 86.7 0.0 179.0

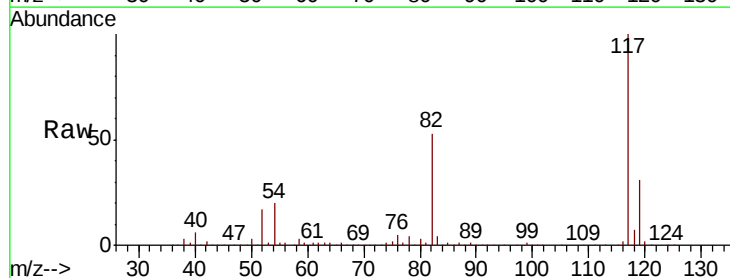


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

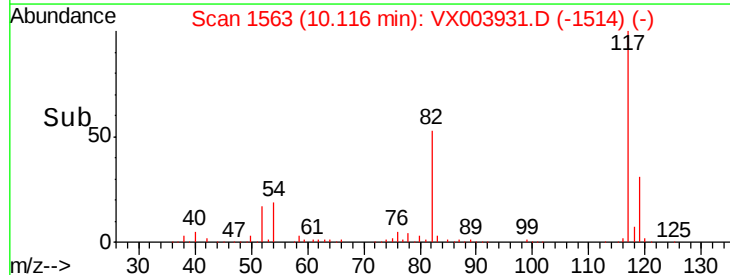
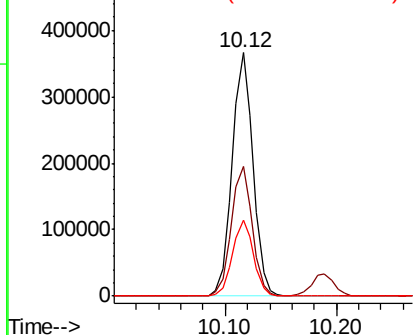


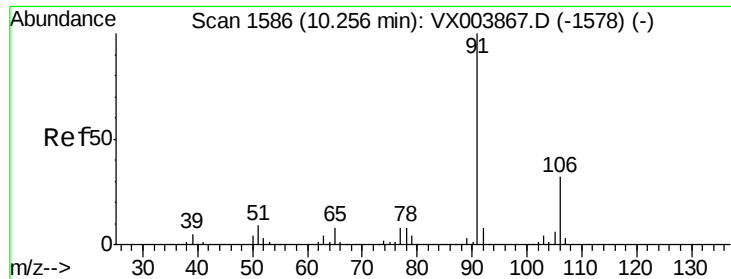
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 117 Resp: 473085
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 31.0 26.6 40.0



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: 8.72 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

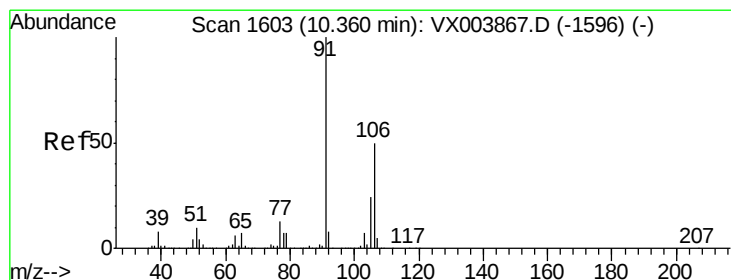
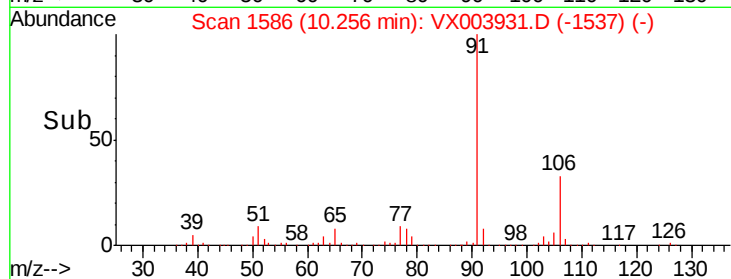
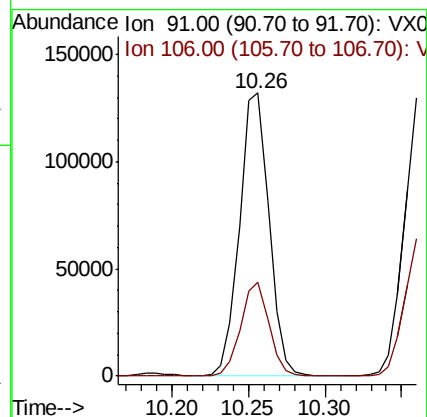
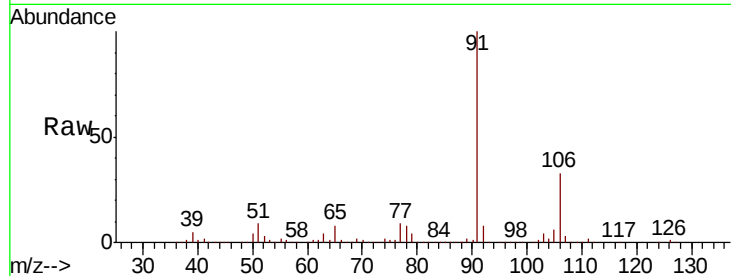
FL-0550

Tot Ion: 91 Resp: 175644

Ion Ratio Lower Upper

91 100

106 33.3 25.9 38.9



#68

m/p-Xylenes

Concen: 10.90 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003931.D

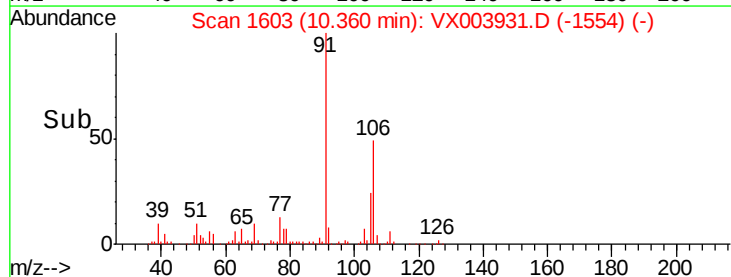
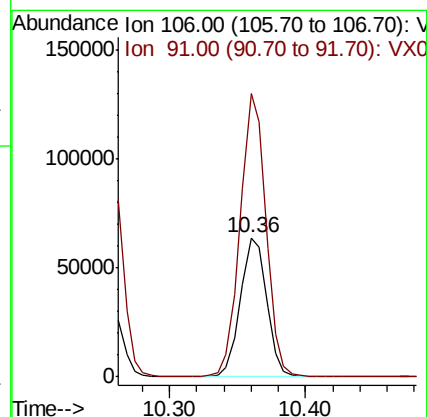
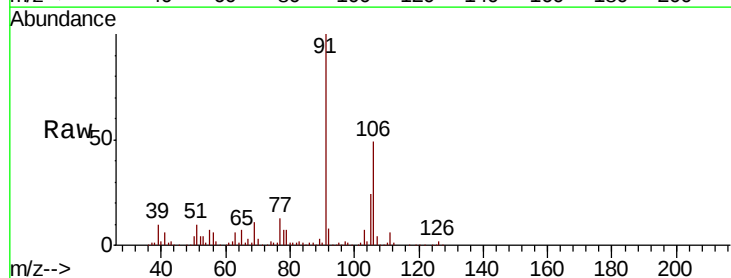
Acq: 08 Aug 2018 18:38

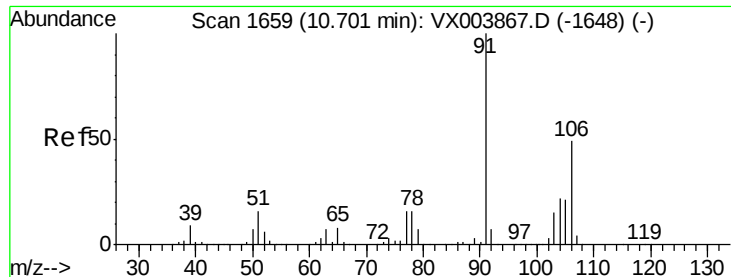
Tgt Ion: 106 Resp: 85785

Ion Ratio Lower Upper

106 100

91 199.7 162.3 243.5

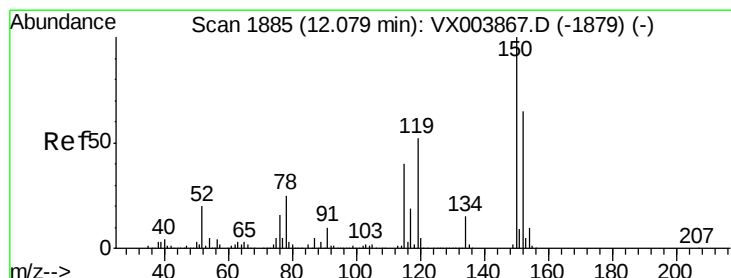
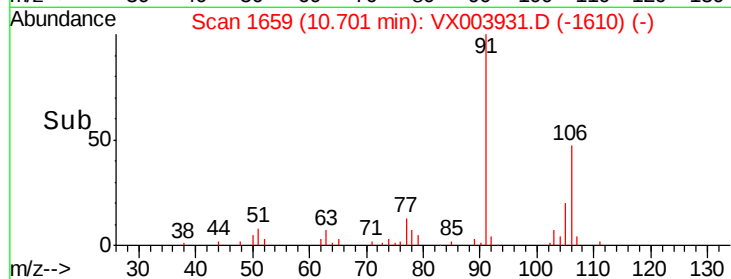
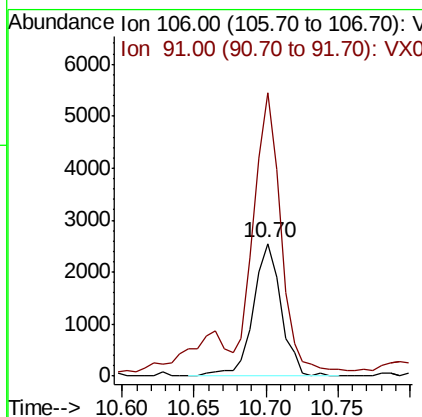
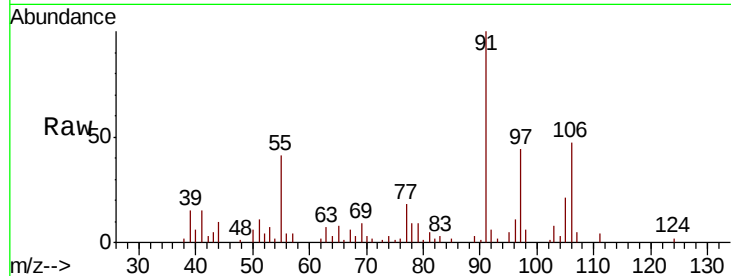




#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

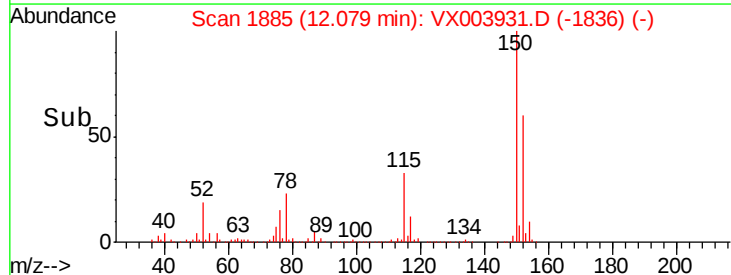
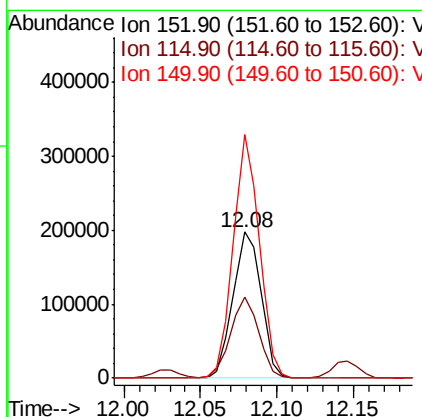
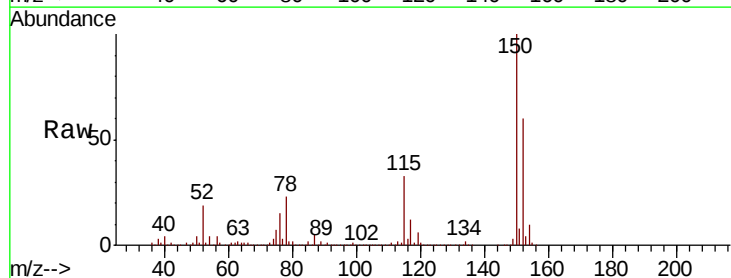
Instrument :
MSVOA_X
ClientSampleId :
FL-0550

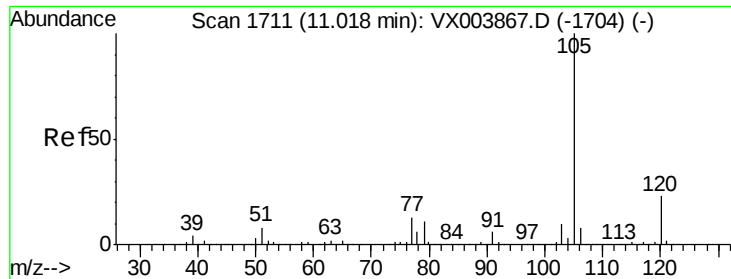
Tot Ion:106 Resp: 3399
Ion Ratio Lower Upper
106 100
91 200.8 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion:152 Resp: 252352
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.3
150 155.1 0.0 349.2





#73

Isopropylbenzene

Concen: 20.74 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

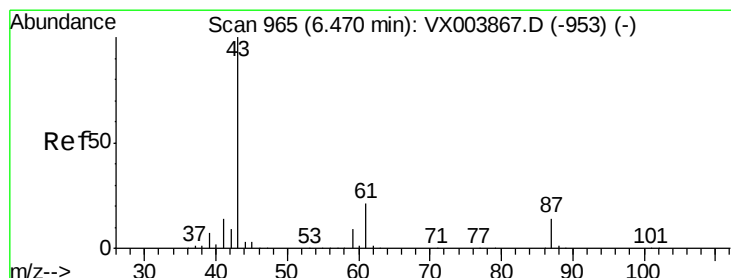
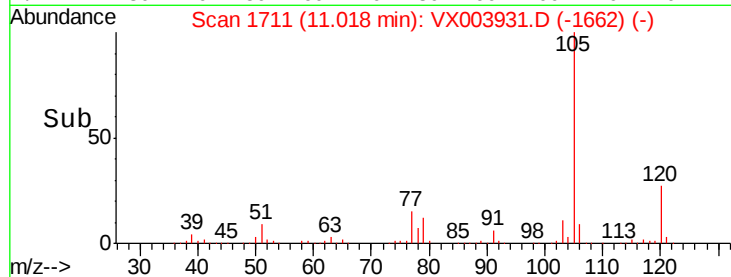
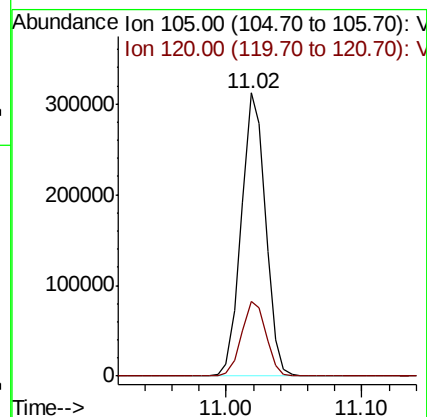
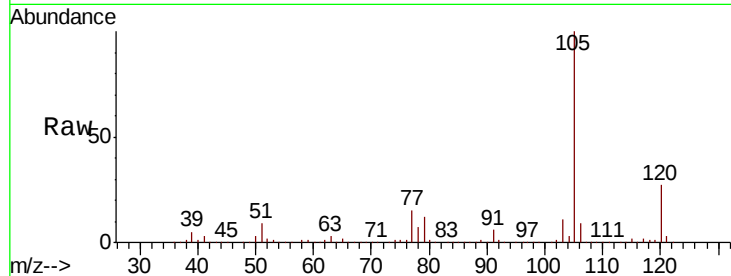
FL-0550

Tot Ion:105 Resp: 387237

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



#74

N-ethyl acetate

Concen: 1.63 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Tgt Ion: 43 Resp: 15778

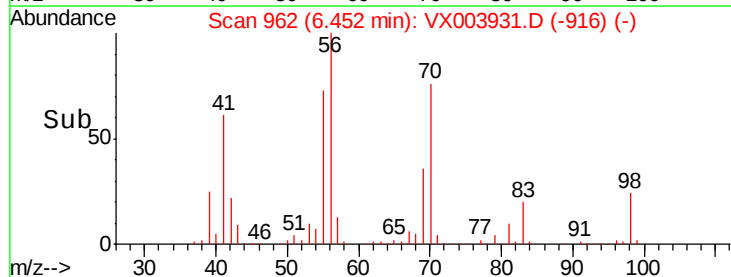
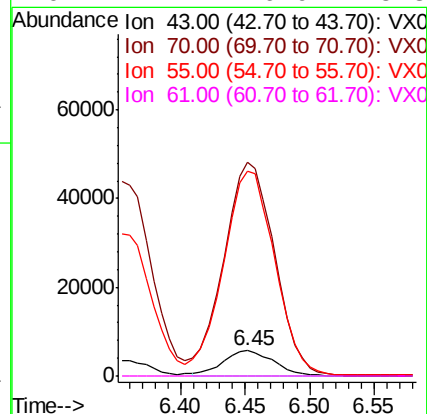
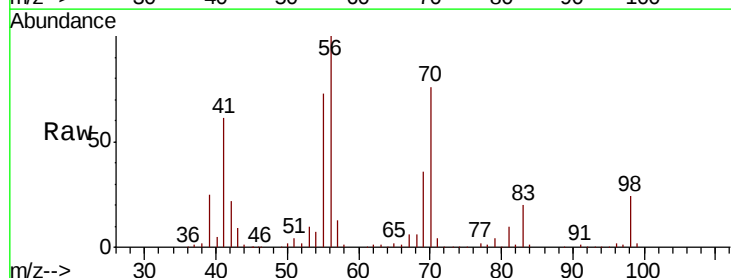
Ion Ratio Lower Upper

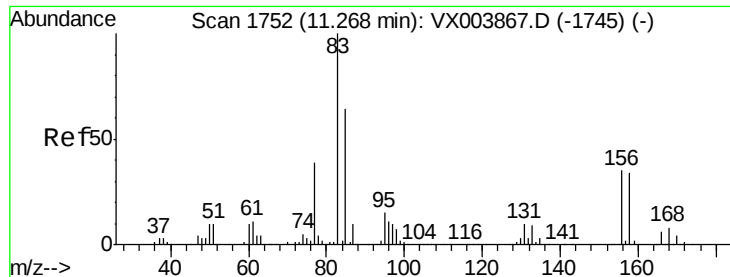
43 100

70 832.7 0.0 0.0#

55 807.7 0.1 0.1#

61 2.4 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.40 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

FL-0550

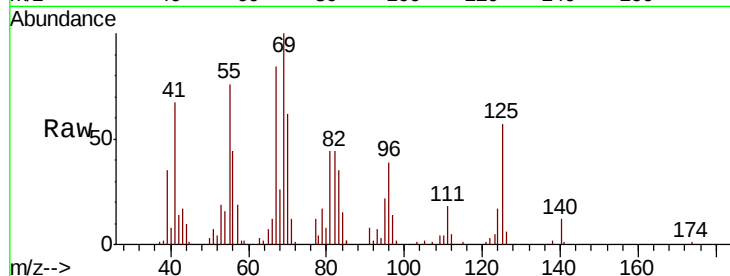
Tot Ion: 83 Resp: 2591

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

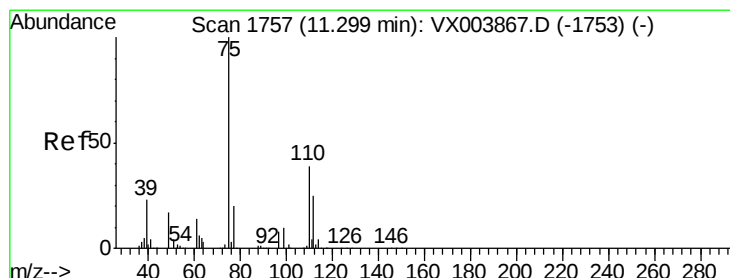
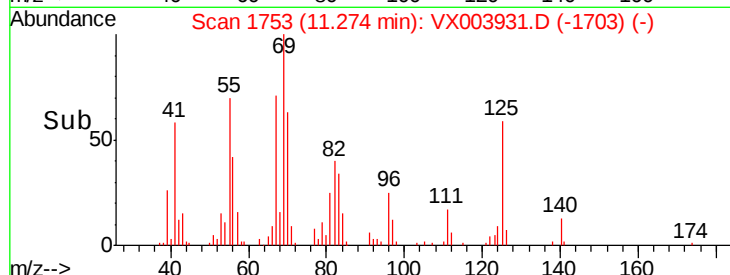
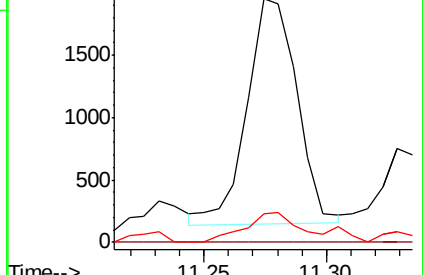
85 16.6 32.2 96.6#



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: 0.71 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003931.D

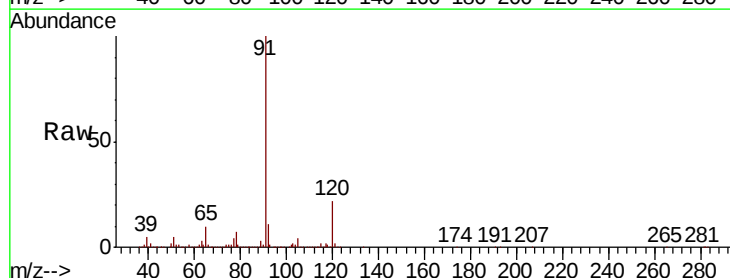
Acq: 08 Aug 2018 18:38

Tgt Ion: 75 Resp: 3934

Ion Ratio Lower Upper

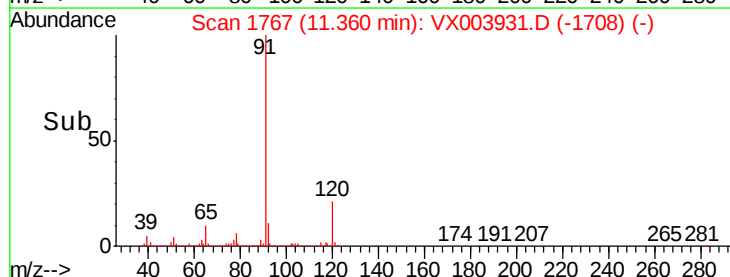
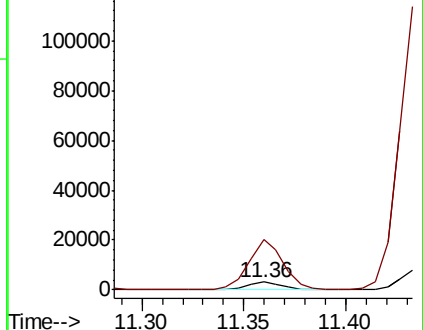
75 100

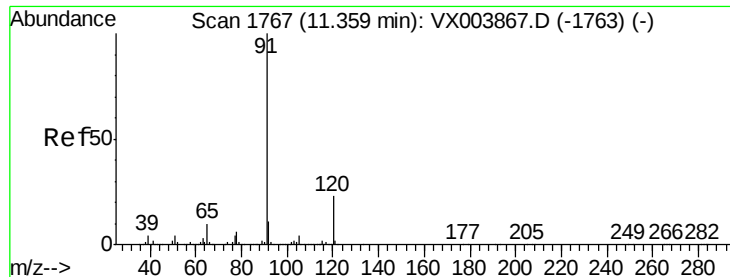
77 607.1 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 28.74 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

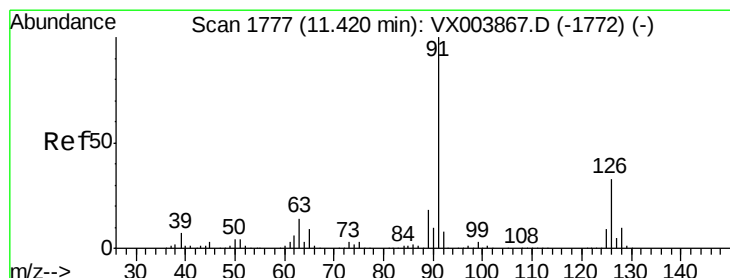
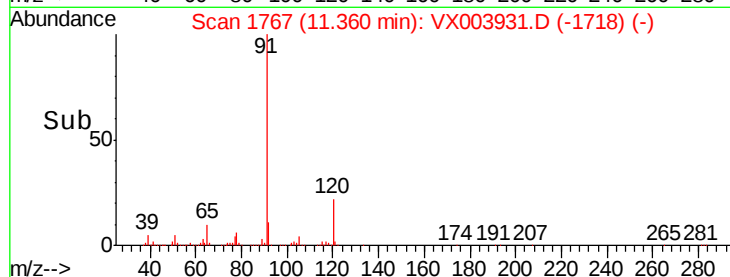
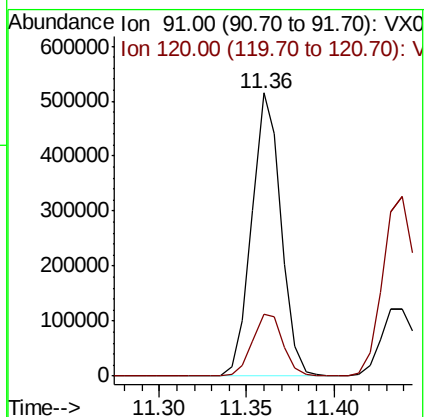
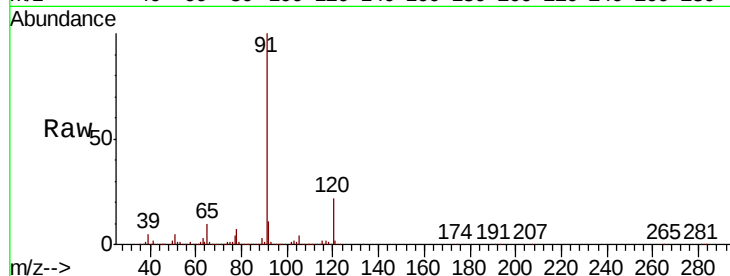
FL-0550

Tot Ion: 91 Resp: 602521

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5



#79

2-Chlorotoluene

Concen: 17.22 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003931.D

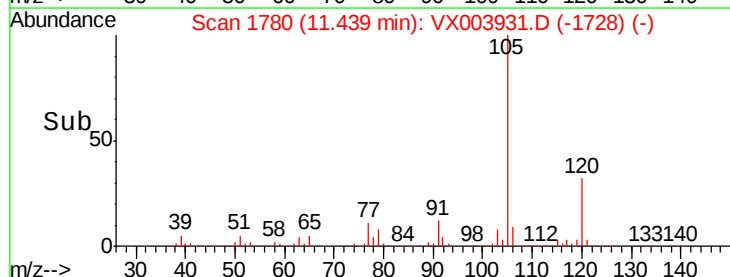
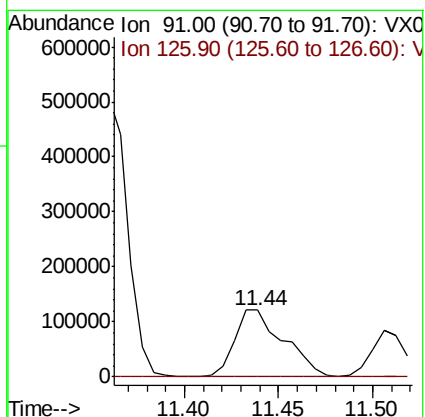
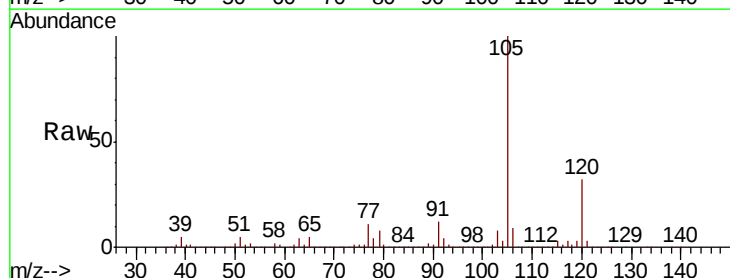
Acq: 08 Aug 2018 18:38

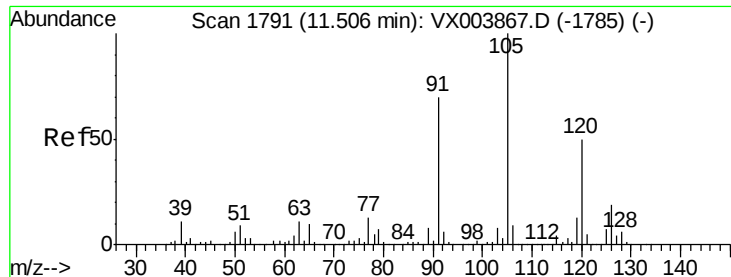
Tgt Ion: 91 Resp: 220081

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#

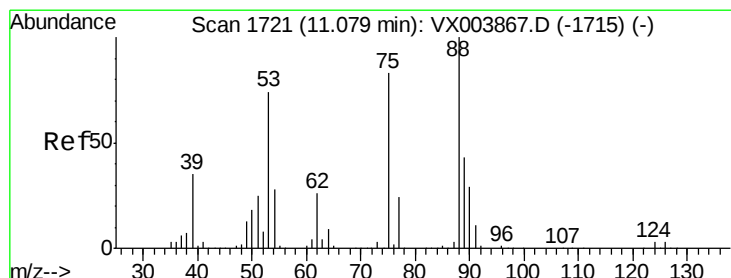
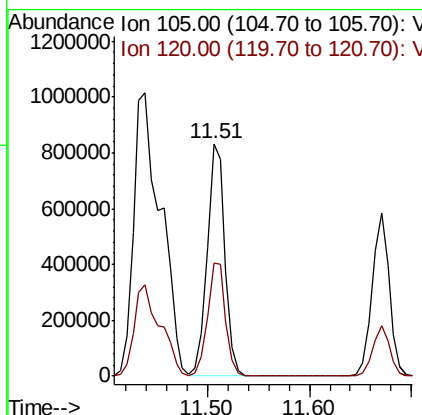
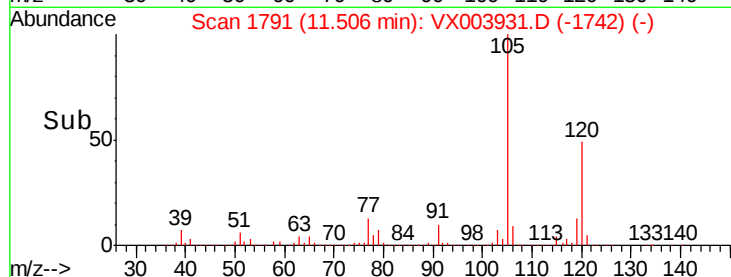
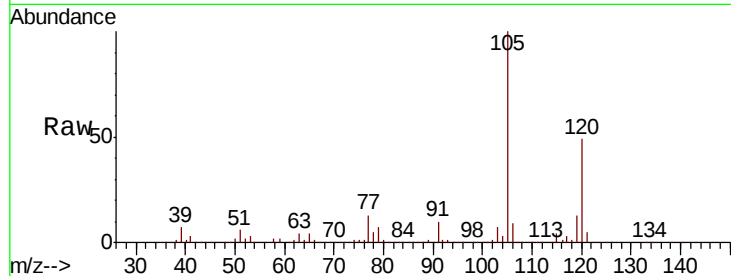




#80
 1,3,5-Trimethylbenzene
 Concen: 66.18 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

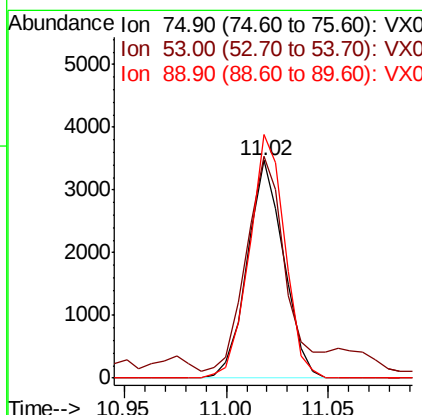
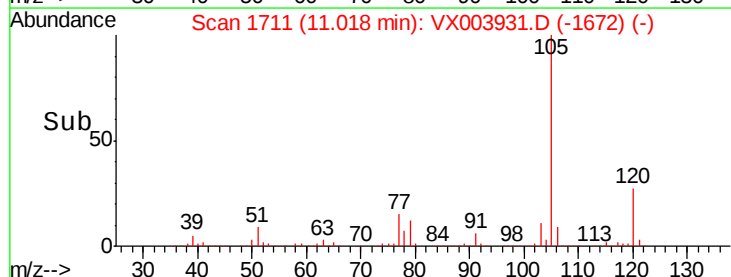
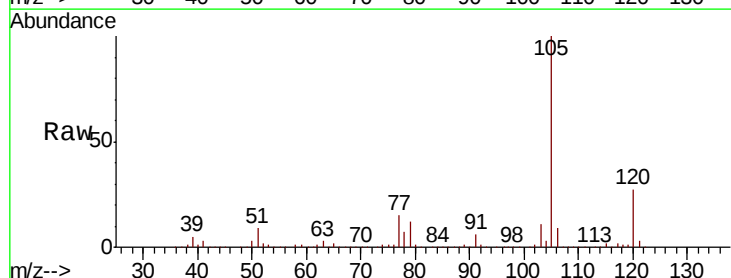
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0550

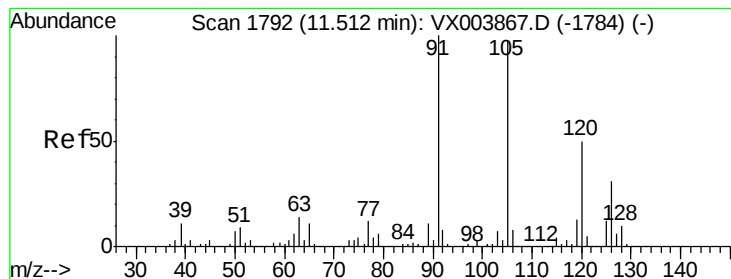
Tot Ion:105 Resp: 1007426
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.23 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

Tgt Ion: 75 Resp: 4314
 Ion Ratio Lower Upper
 75 100
 53 104.6 80.3 120.5
 89 109.2 37.8 56.8#





#82

4-Chlorotoluene

Concen: 6.88 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

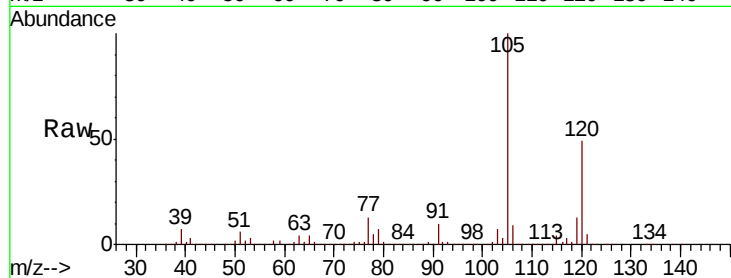
FL-0550

Tot Ion: 91 Resp: 102962

Ion Ratio Lower Upper

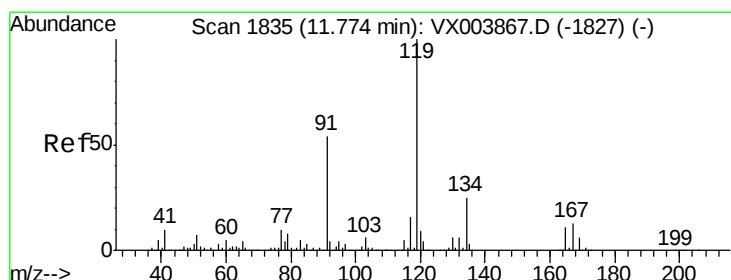
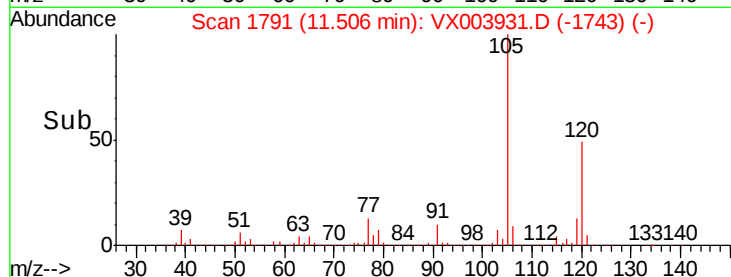
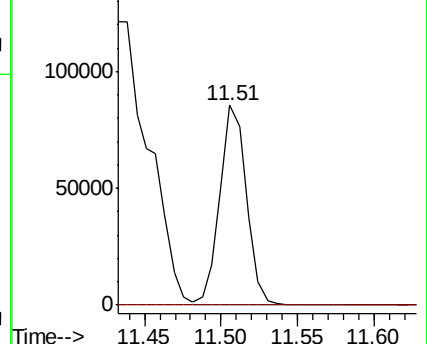
91 100

126 0.2 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.81 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

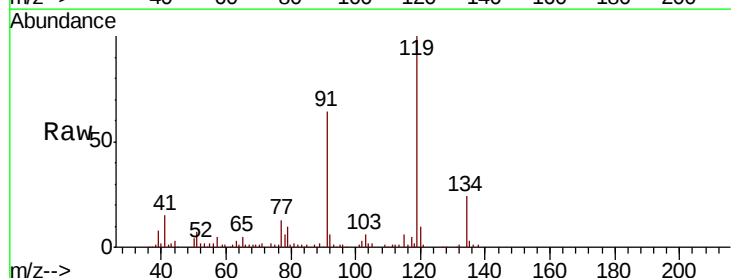
Tgt Ion: 119 Resp: 27113

Ion Ratio Lower Upper

119 100

91 66.7 26.9 80.7

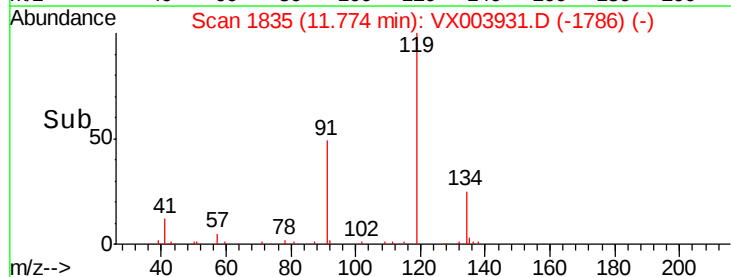
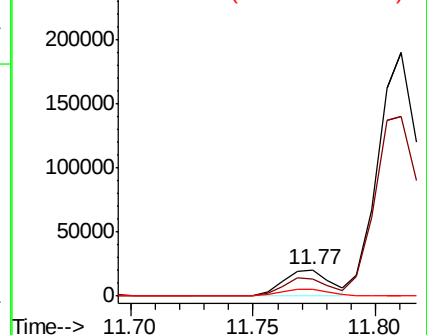
134 28.3 12.0 36.0

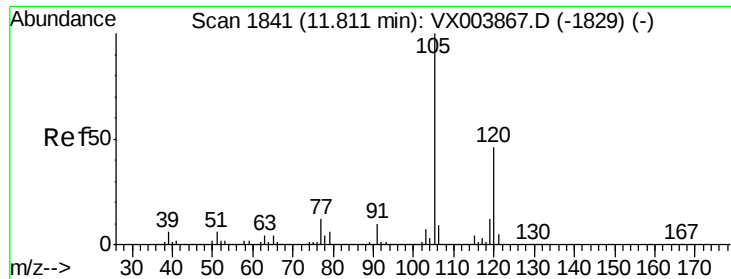


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 116.64 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

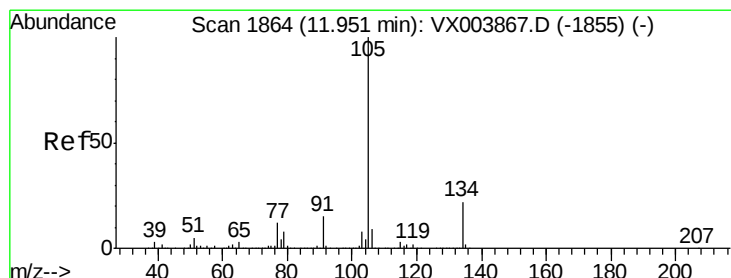
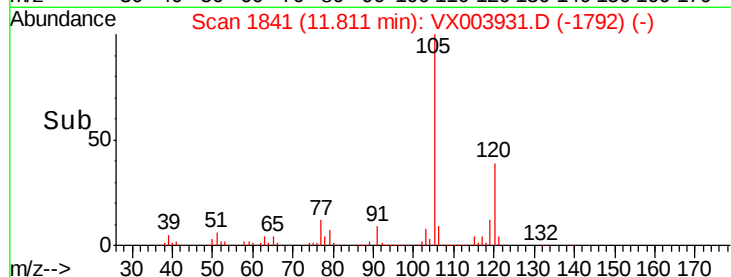
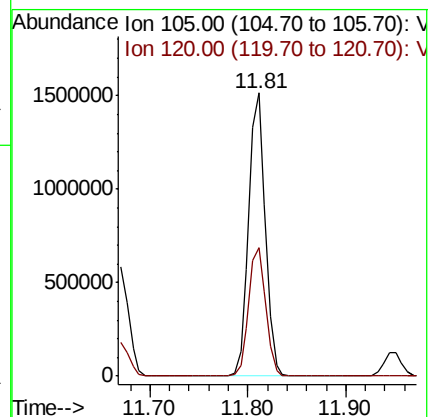
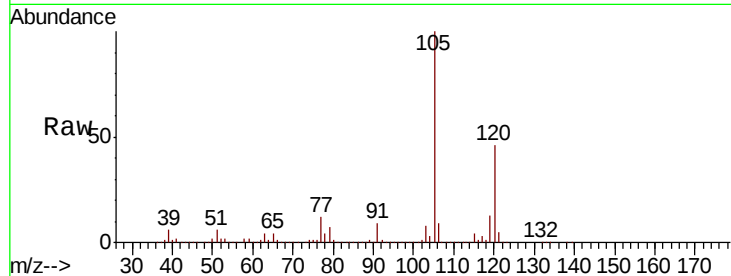
FL-0550

Tot Ion:105 Resp: 1785293

Ion Ratio Lower Upper

105 100

120 46.7 23.1 69.2



#85

sec-Butylbenzene

Concen: 9.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003931.D

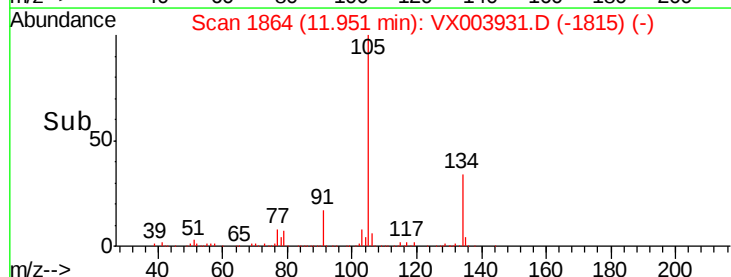
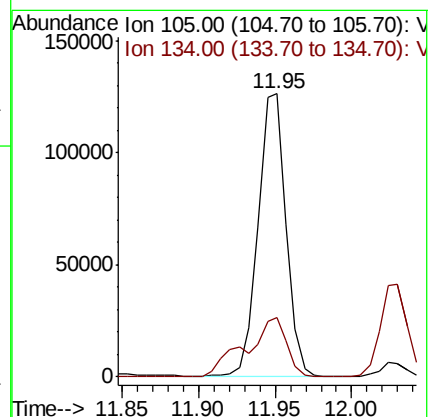
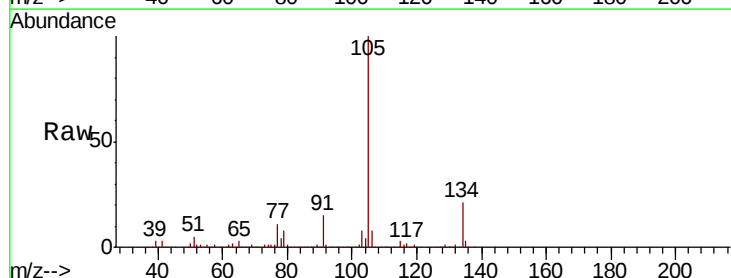
Acq: 08 Aug 2018 18:38

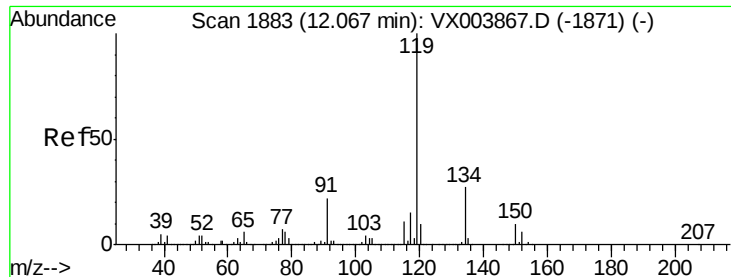
Tgt Ion:105 Resp: 160066

Ion Ratio Lower Upper

105 100

134 30.9 10.3 30.9

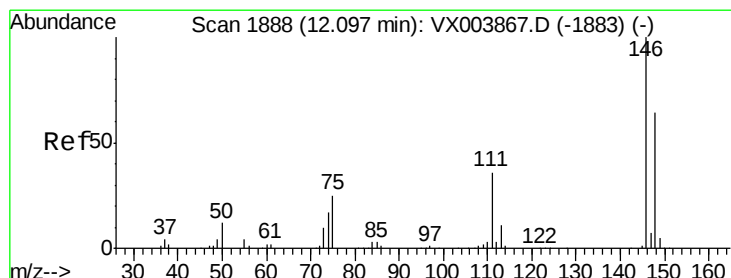
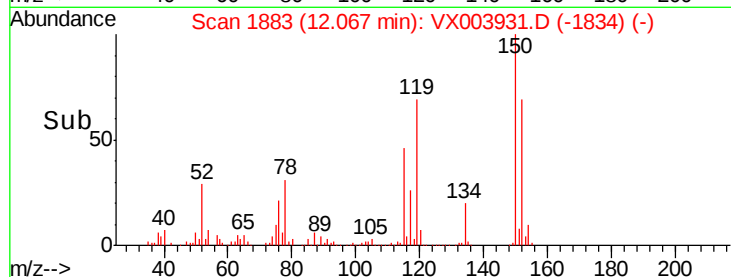
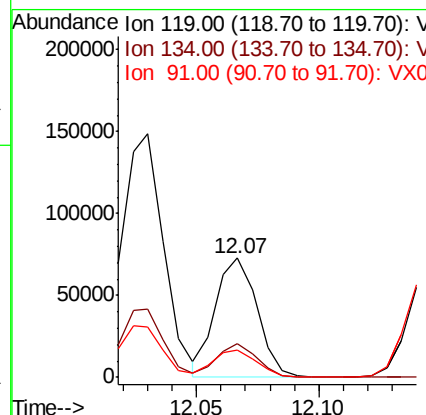
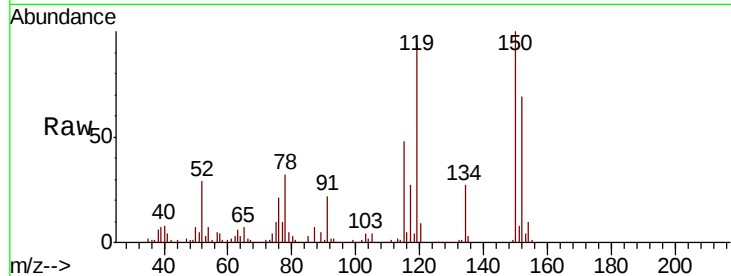




#86
 p-Isopropyltoluene
 Concen: 5.43 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

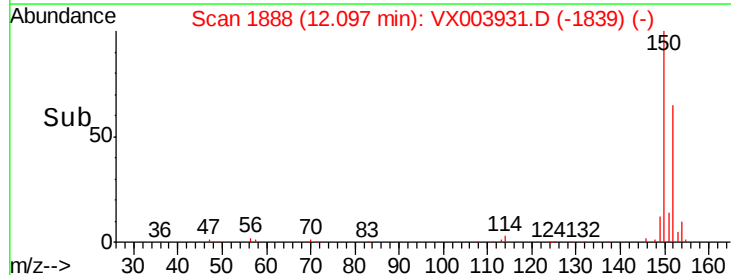
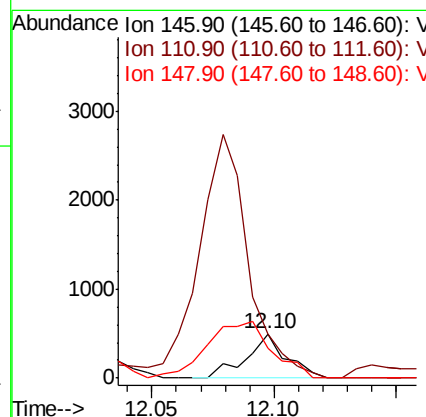
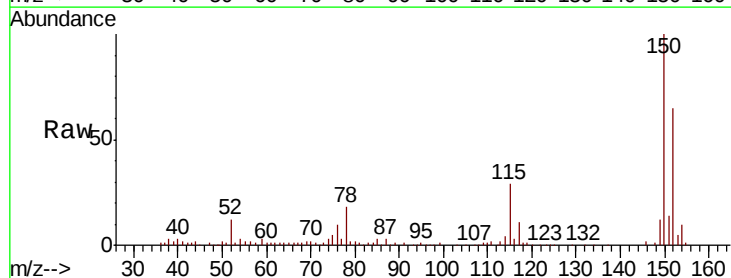
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0550

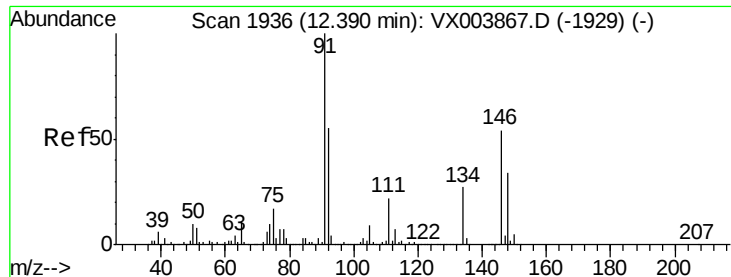
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.3	39.8
91	23.4	10.9	32.7



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003931.D
 Acq: 08 Aug 2018 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	687.8	18.4	55.0#
148	207.2	32.3	96.8#

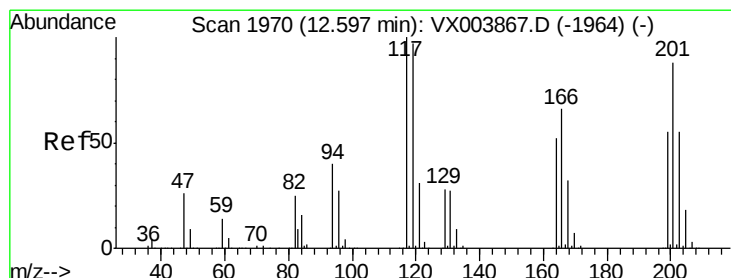
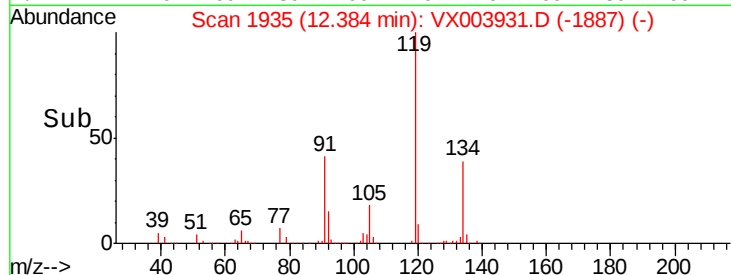
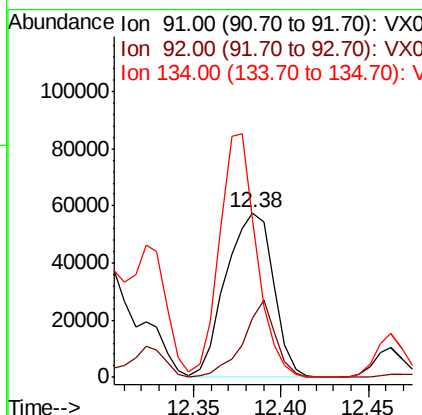
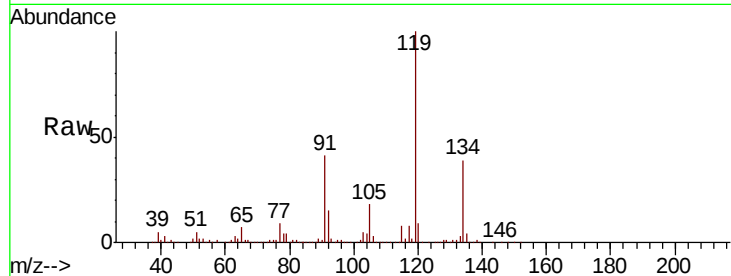




#89
n-Butylbenzene
Concen: 7.79 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

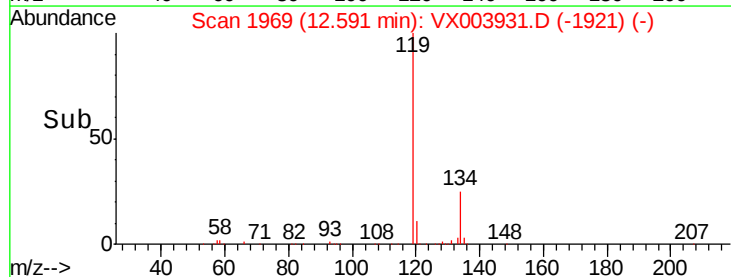
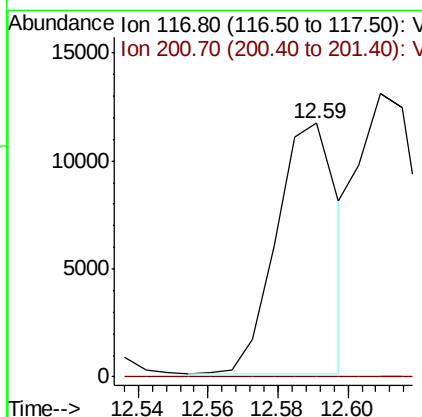
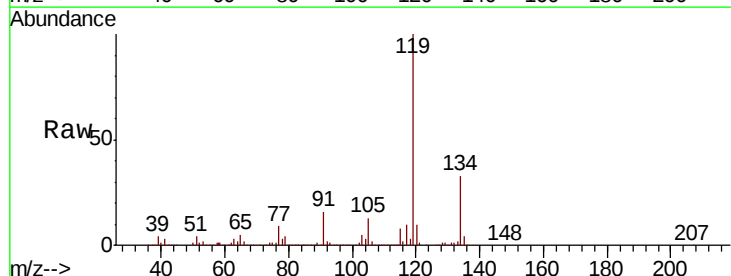
Instrument :
MSVOA_X
ClientSampled :
FL-0550

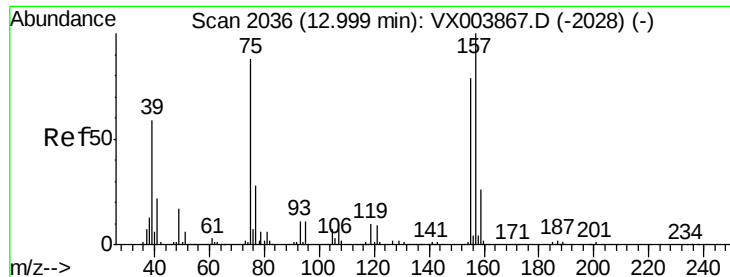
Tot Ion: 91 Resp: 107676
Ion Ratio Lower Upper
91 100
92 32.3 27.1 81.3
134 116.0 13.6 40.7#



#90
Hexachloroethane
Concen: 5.42 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Tgt Ion: 117 Resp: 13957
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.11 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0550

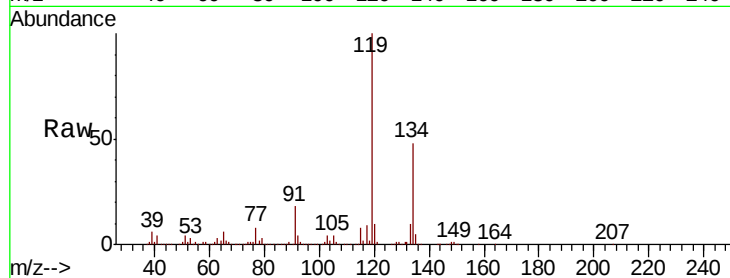
Tot Ion: 75 Resp: 1451

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

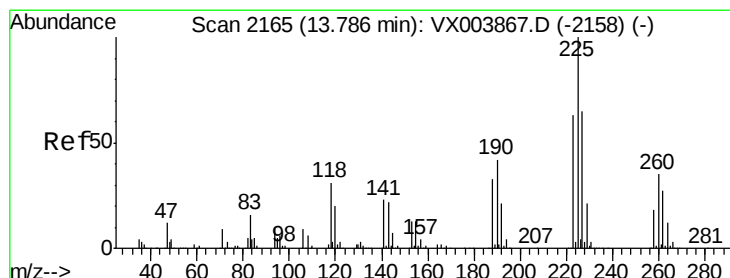
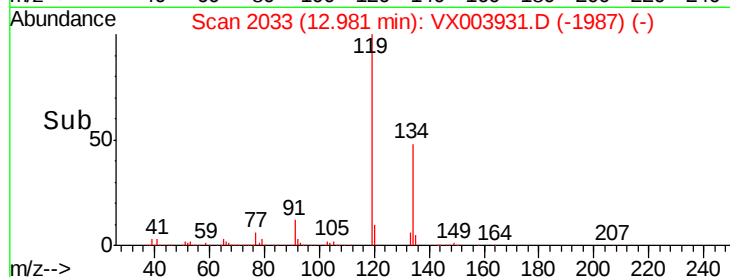
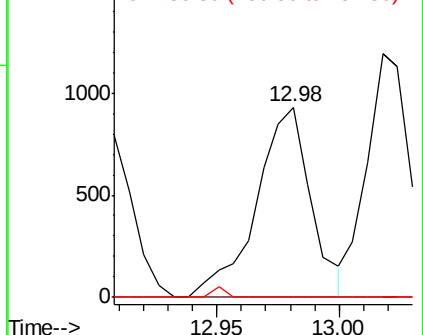
157 0.0 62.6 187.8#



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



#94

Hexachlorobutadiene

Concen: 0.52 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003931.D

Acq: 08 Aug 2018 18:38

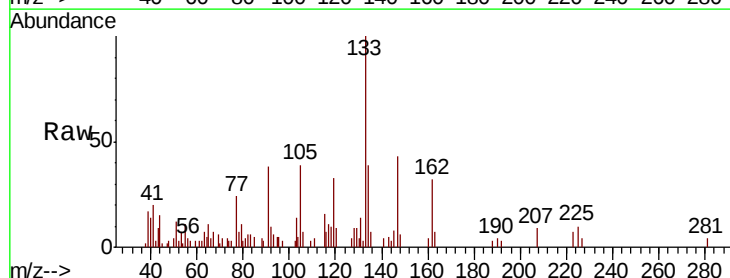
Tgt Ion: 225 Resp: 273

Ion Ratio Lower Upper

225 100

223 53.8 31.4 94.0

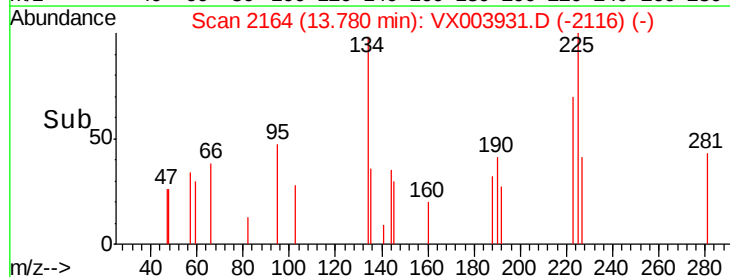
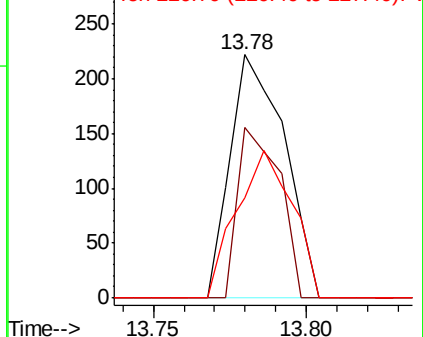
227 61.9 32.1 96.5

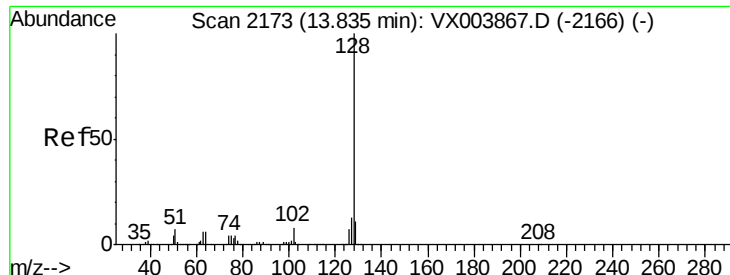


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

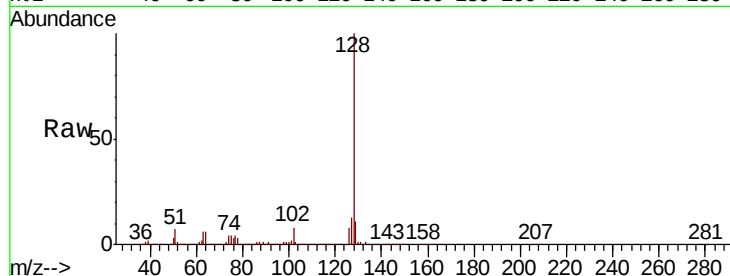




#95
Naphthalene
Concen: 13.62 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003931.D
Acq: 08 Aug 2018 18:38

Instrument :
MSVOA_X
ClientSampleId :
FL-0550

Tot Ion:128 Resp: 256042
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 13.0 8.8 13.2



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

