

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009868.D
 Acq On : 23 May 2019 19:01
 Operator : JC/SP
 Sample : K2976-21 10X
 Misc : 6.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 03:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125373	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	118784	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	83807	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	365435	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	171197	66.03	ug/l	0.00
Spiked Amount			Recovery	=	132.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	673	0.524	ug/l	89
10) Methyl Iodide	2.50	142	81	4.633	ug/l #	72
11) Tert butyl alcohol	3.01	59	4360	7.907	ug/l #	78
13) Acrolein	2.29	56	164	0.328	ug/l #	1
16) Acetone	2.45	43	955	0.747	ug/l #	86
17) Carbon Disulfide	2.57	76	1308	0.285	ug/l #	89
18) Methyl Acetate	2.78	43	739	0.243	ug/l	92
28) Bromochloromethane	5.00	49	38	Below Cal	#	20
31) Cyclohexane	5.66	56	4197	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13915	5.326	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16301	6.867	ug/l #	16
39) Methylcyclohexane	7.45	83	1223	0.381	ug/l #	57
51) 4-Methyl-2-Pentanone	8.66	43	2058	0.541	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	27795	13.861	ug/l #	20
56) Ethyl methacrylate	9.16	69	7432	2.076	ug/l #	2
59) 2-Hexanone	9.45	43	269269	90.084	ug/l #	30
60) Dibromochloromethane	9.55	129	442	0.226	ug/l #	1
73) Isopropylbenzene	11.02	105	12978	1.423	ug/l	99
74) N-amyl acetate	10.91	43	509172	95.794	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.28	83	349203	102.747	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	67066	23.061	ug/l #	54
77) Bromobenzene	11.32	156	991	0.438	ug/l #	1
78) n-propylbenzene	11.36	91	54788	5.262	ug/l	98
79) 2-Chlorotoluene	11.49	91	6221	0.968	ug/l	81
81) trans-1,4-Dichloro-2-buten	11.13	75	67066	59.005	ug/l #	51
82) 4-Chlorotoluene	11.49	91	6221	0.857	ug/l	73
83) tert-Butylbenzene	11.77	119	96901	12.976	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	435225	56.484	ug/l	99
85) sec-Butylbenzene	11.94	105	627920	70.923	ug/l #	76
86) p-Isopropyltoluene	12.02	119	1024247	128.686	ug/l	97
89) n-Butylbenzene	12.39	91	312309	43.413	ug/l #	67
90) Hexachloroethane	12.58	117	90023	66.389	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	6552	8.594	ug/l #	8
95) Naphthalene	13.85	128	1888	0.207	ug/l #	1

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
Data File : VX009868.D
Acq On : 23 May 2019 19:01
Operator : JC/SP
Sample : K2976-21 10X
Misc : 6.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 24 03:54:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

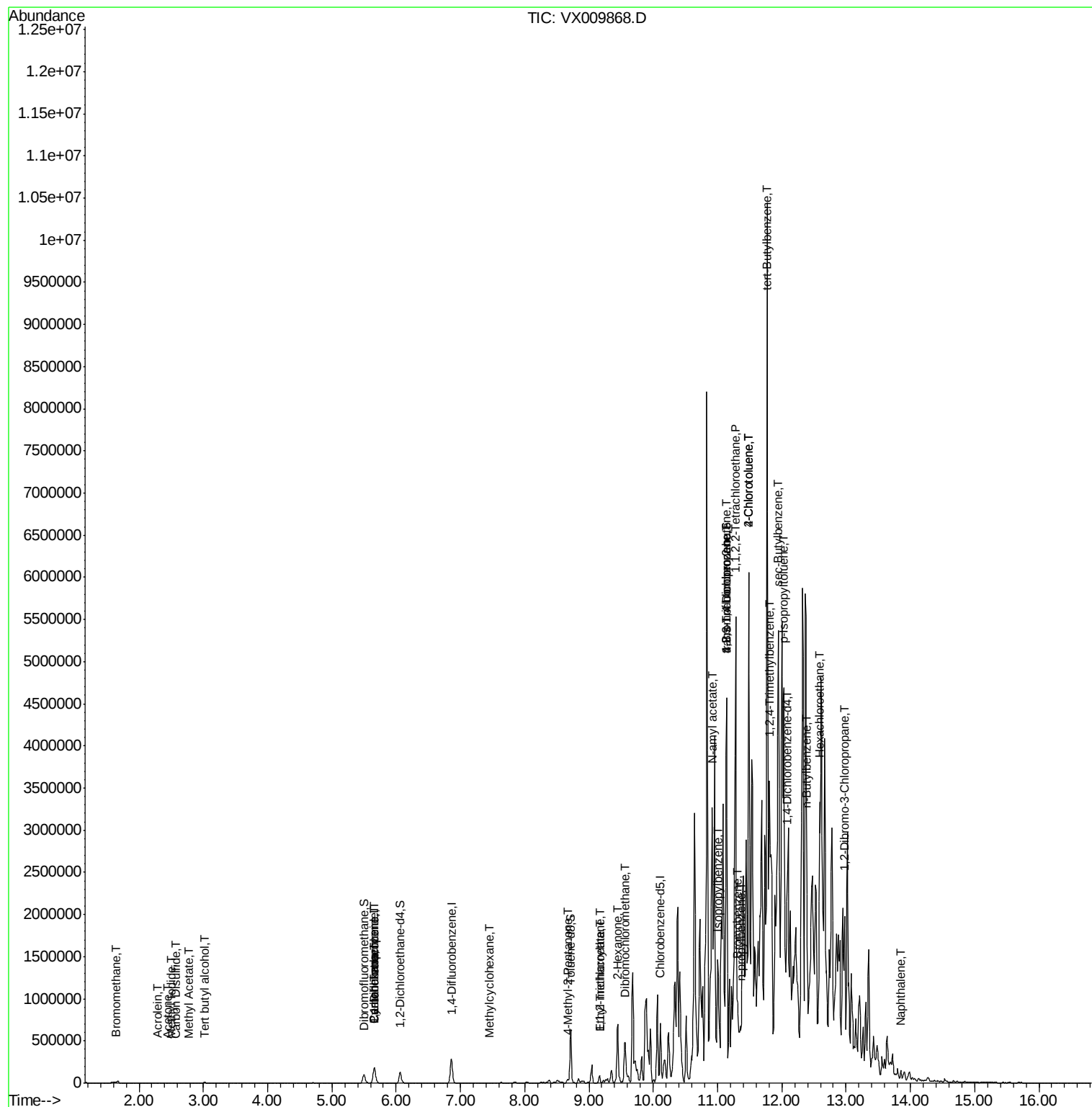
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

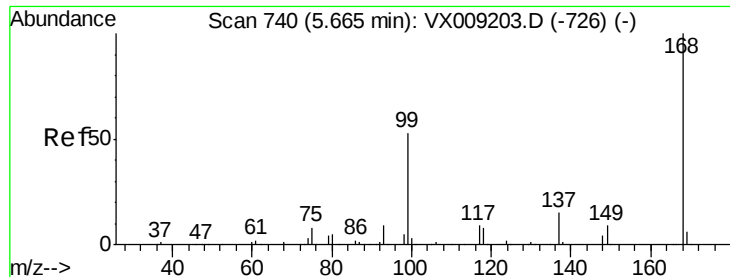
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
Data File : VX009868.D
Acq On : 23 May 2019 19:01
Operator : JC/SP
Sample : K2976-21 10X
Misc : 6.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 24 03:54:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

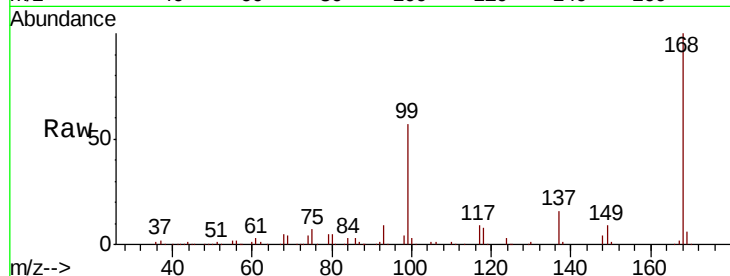
ClientSampleId :

Tot Ion:168 Resp: 174498

Ion Ratio Lower Upper

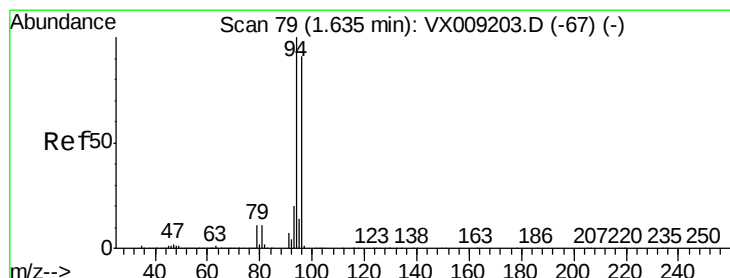
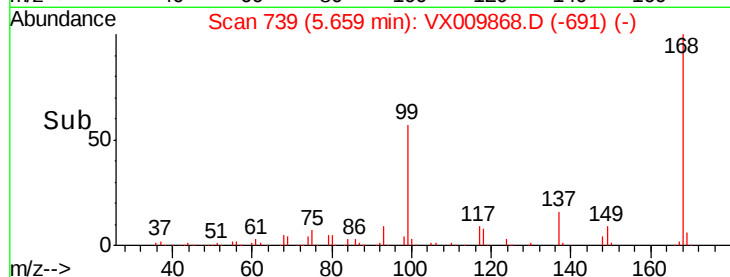
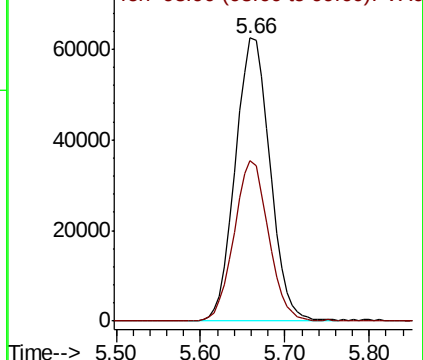
168 100

99 56.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.524 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009868.D

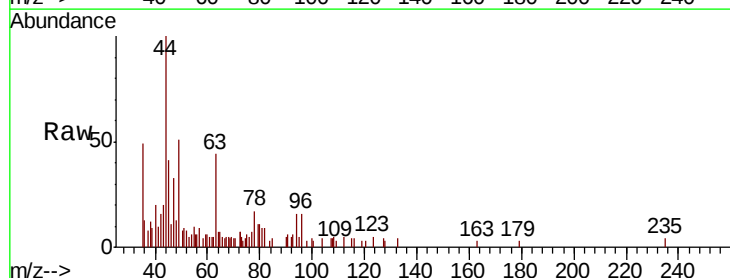
Acq: 23 May 2019 19:01

Tgt Ion: 94 Resp: 673

Ion Ratio Lower Upper

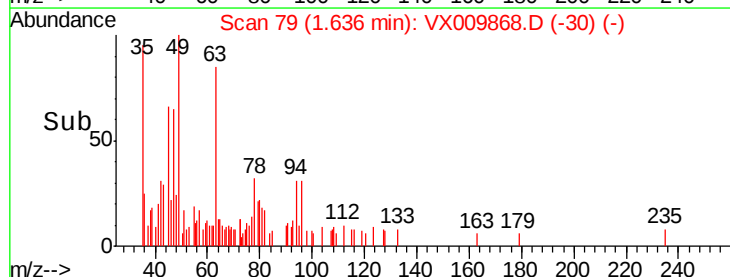
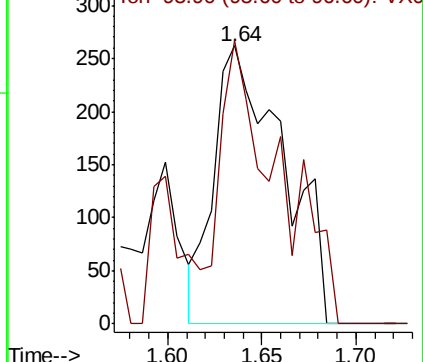
94 100

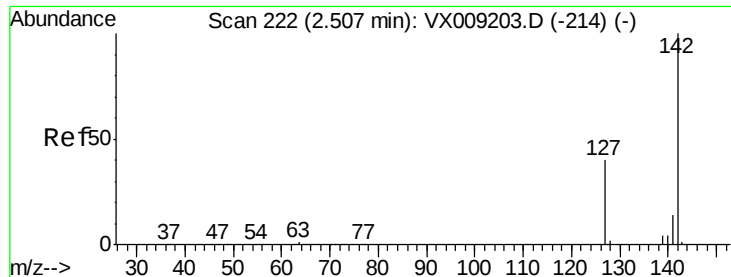
96 101.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

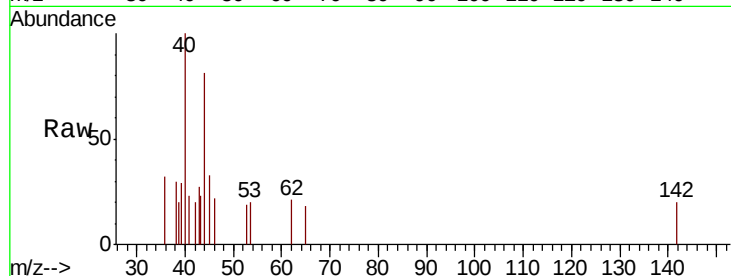




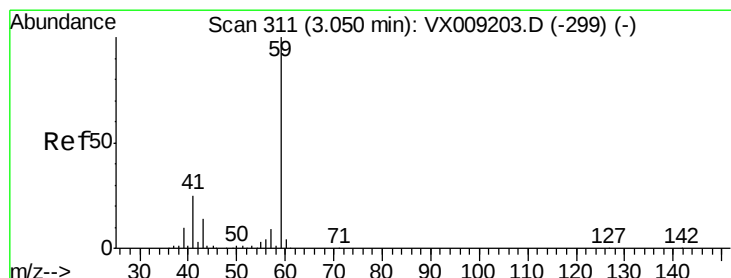
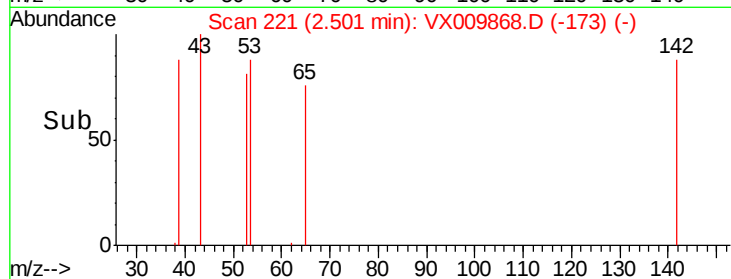
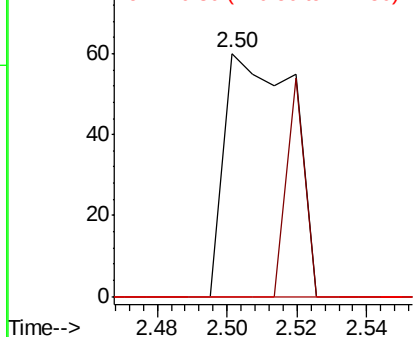
#10
Methvl Iodide
Concen: 4.633 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 24.7 32.7 49.1#
141 0.0 11.5 17.3#

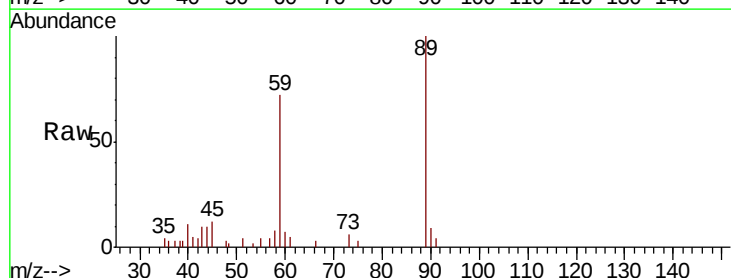


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

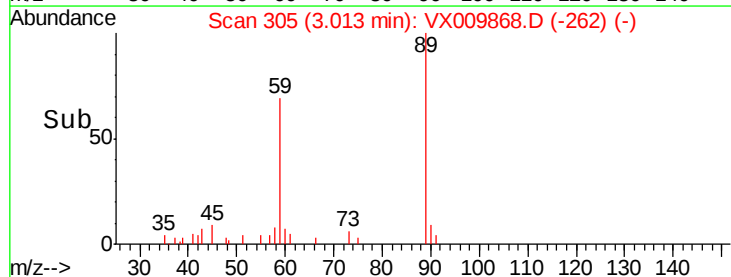
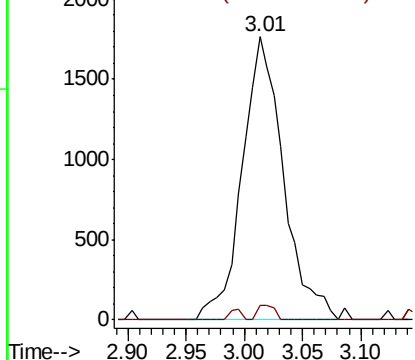


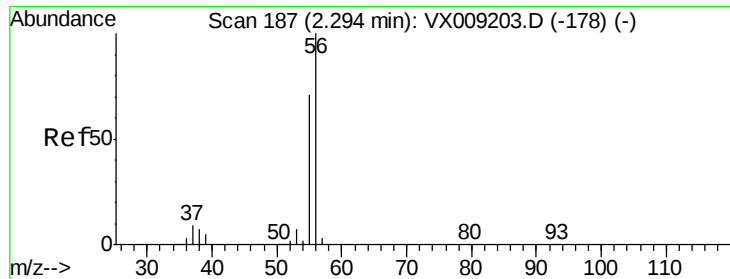
#11
Tert butyl alcohol
Concen: 7.907 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion: 59 Resp: 4360
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

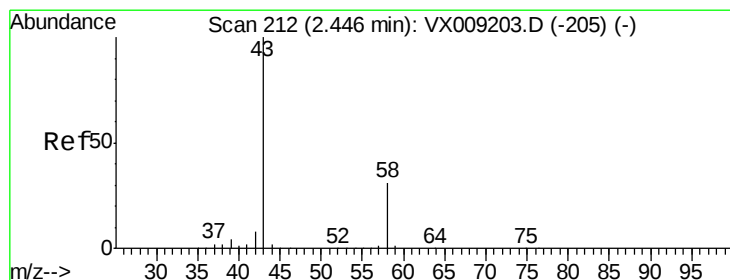
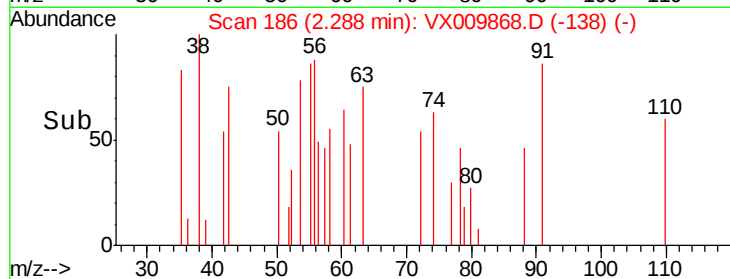
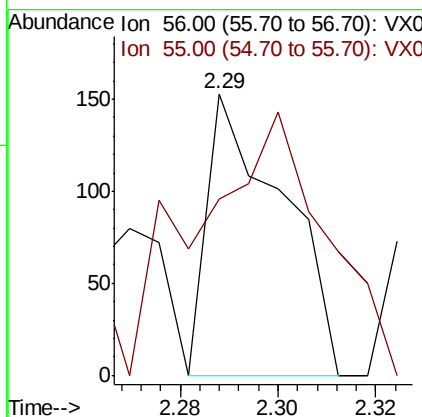
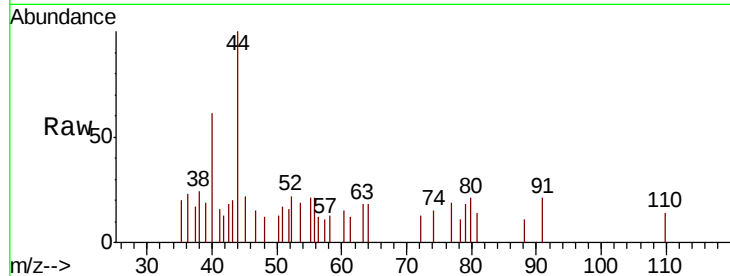




#13
Acrolein
Concen: 0.328 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

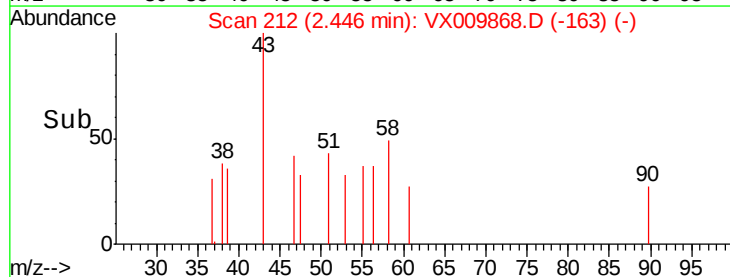
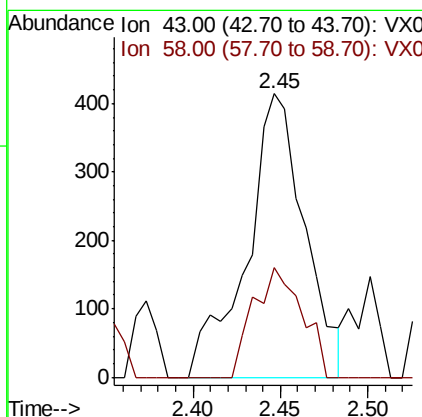
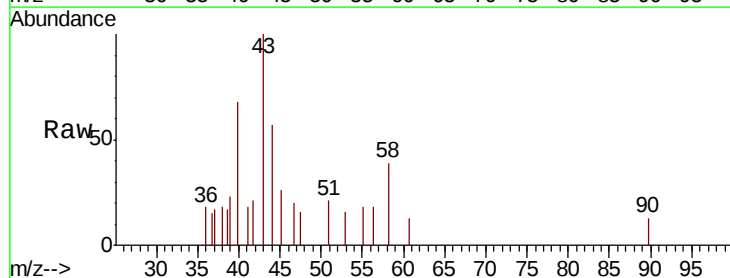
Instrument :
MSVOA_X
ClientSampled :

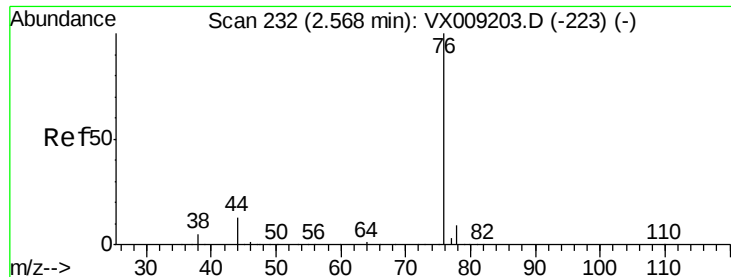
Tot Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 159.1 56.6 85.0#



#16
Acetone
Concen: 0.747 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 38.6 24.9 37.3#

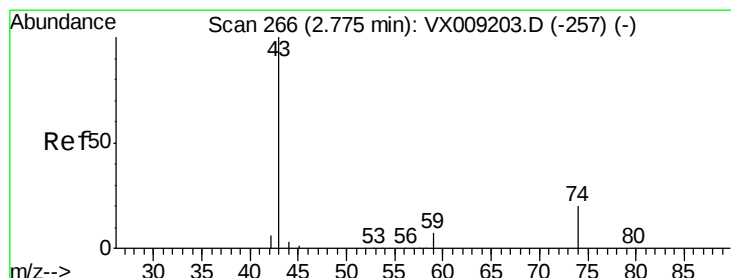
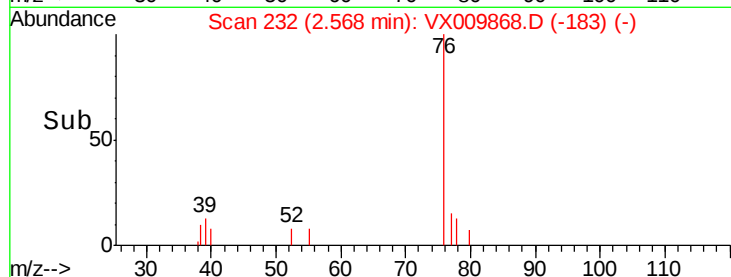
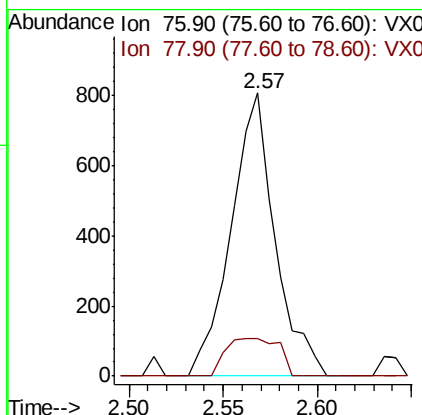
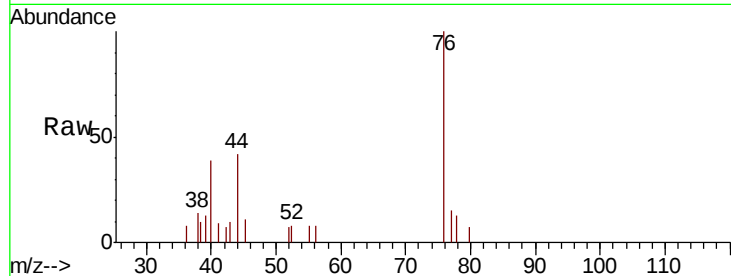




#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

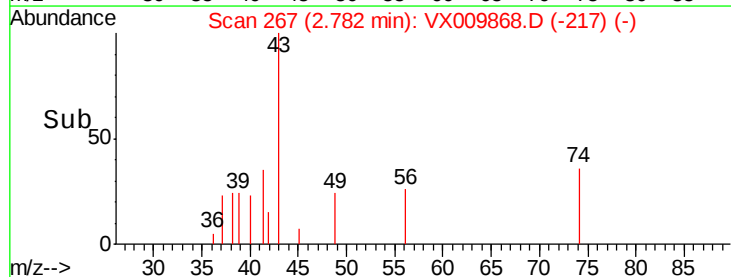
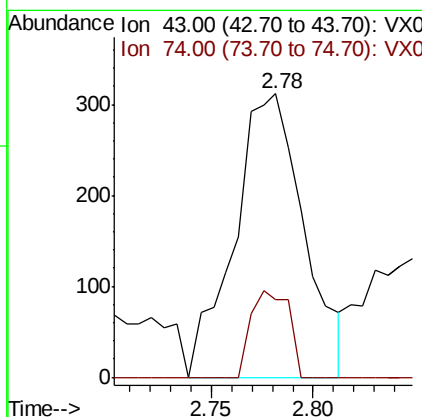
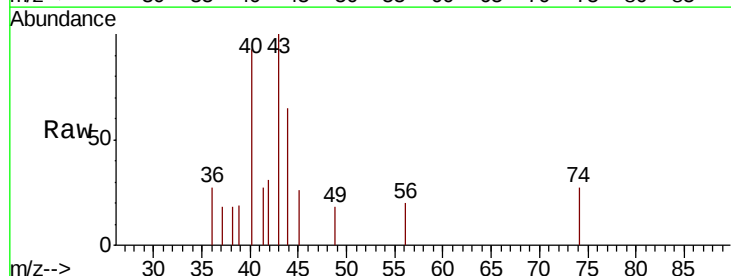
Instrument :
MSVOA_X
ClientSampleId :

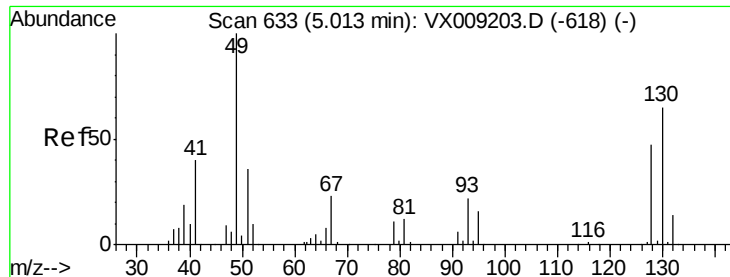
Tot Ion: 76 Resp: 1308
Ion Ratio Lower Upper
76 100
78 13.3 7.4 11.0#



#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
74 16.6 16.2 24.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

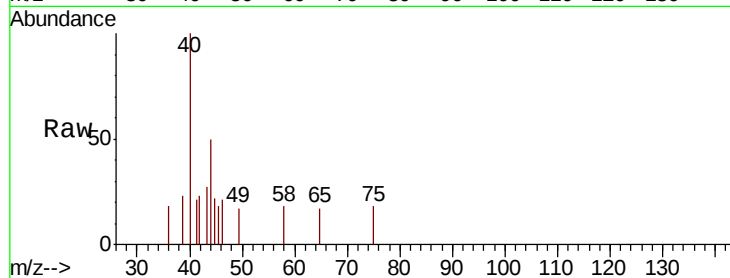
Delta R.T. -0.01 min

Lab File: VX009868.D

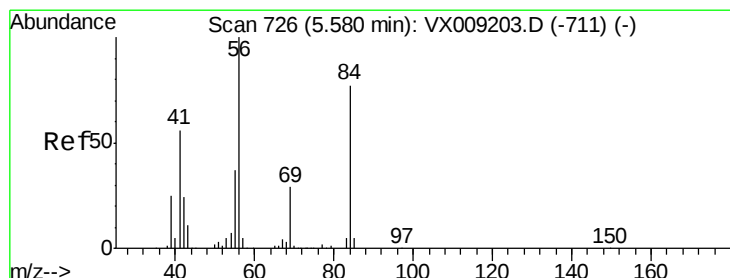
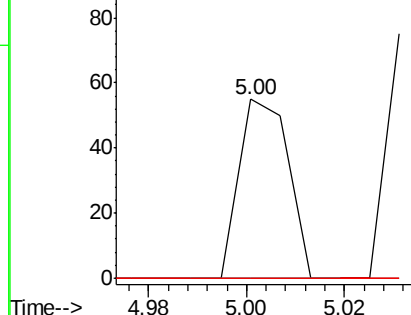
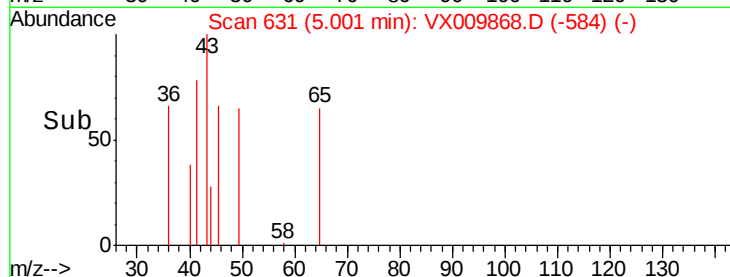
Acq: 23 May 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 38
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.192 ug/l

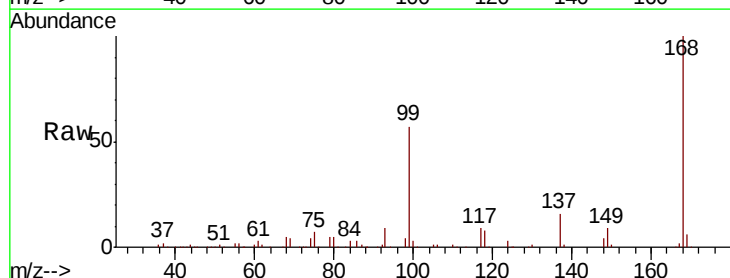
RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

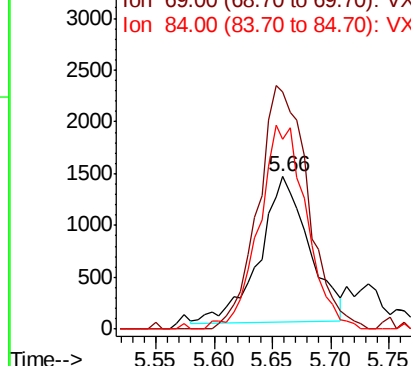
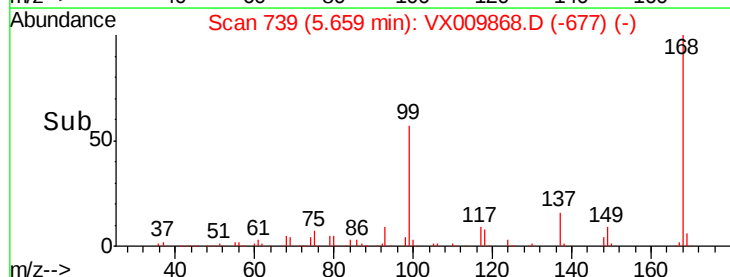
Lab File: VX009868.D

Acq: 23 May 2019 19:01

Tgt Ion: 56 Resp: 4197
Ion Ratio Lower Upper
56 100
69 163.8 23.4 35.0#
84 131.2 61.9 92.9#



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





#33

1,2-Dichloroethane-d4

Concen: 49.865 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

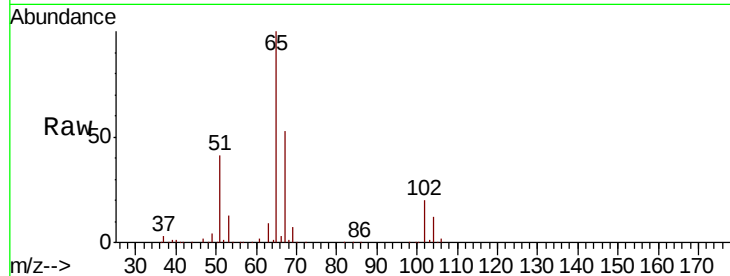
ClientSampled :

Tot Ion: 65 Resp: 118784

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

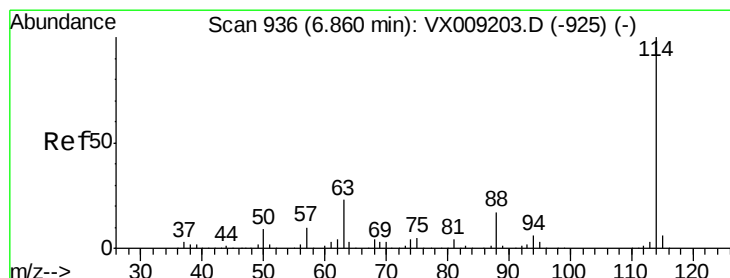
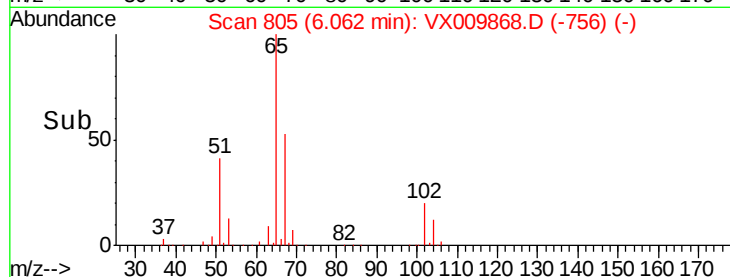
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

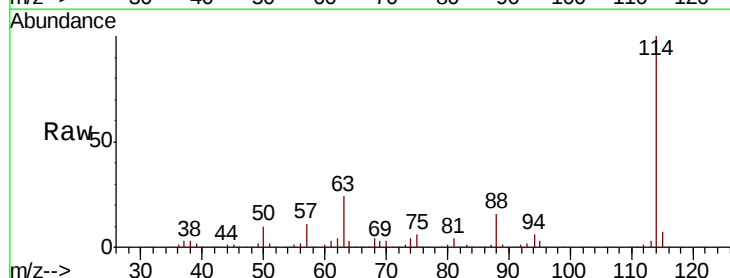
Tgt Ion: 114 Resp: 281142

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

88 16.3 0.0 33.2



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

150000

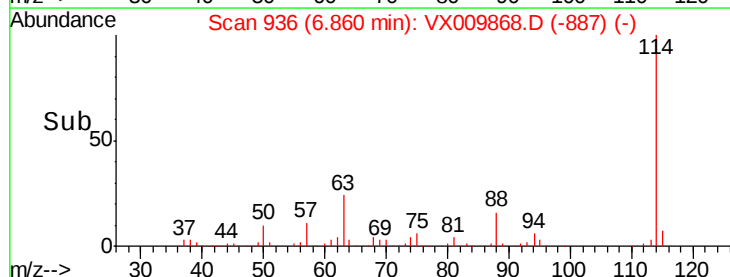
100000

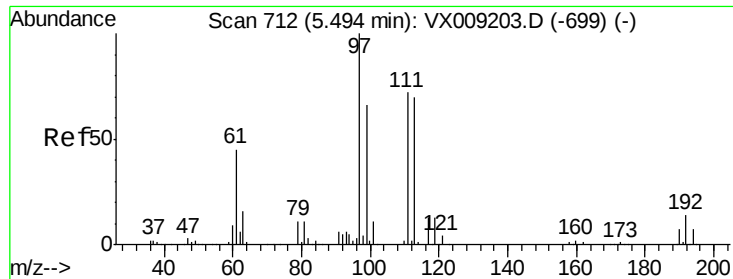
50000

0

Time-->

6.70 6.80 6.90 7.00

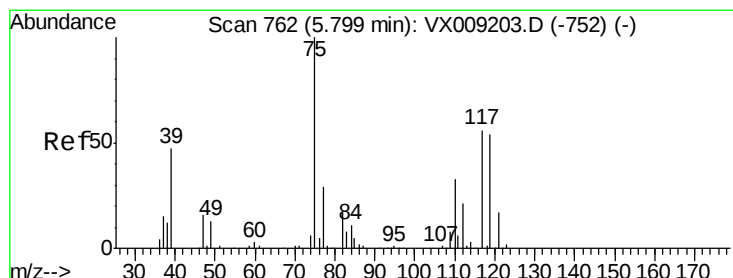
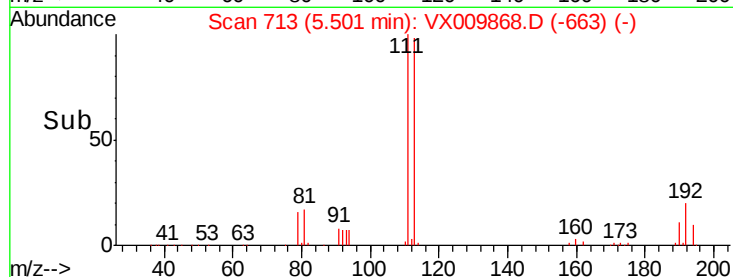
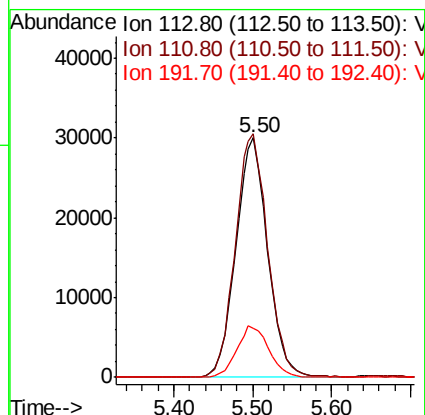
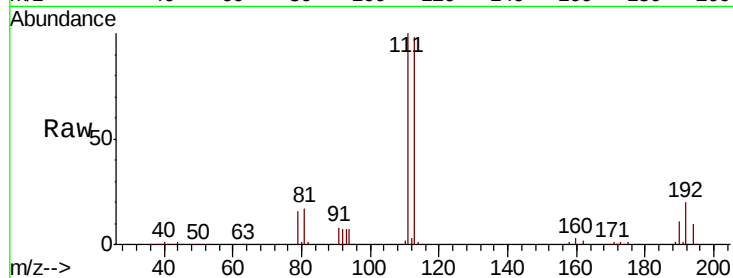




#35
 Dibromofluoromethane
 Concen: 47.419 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

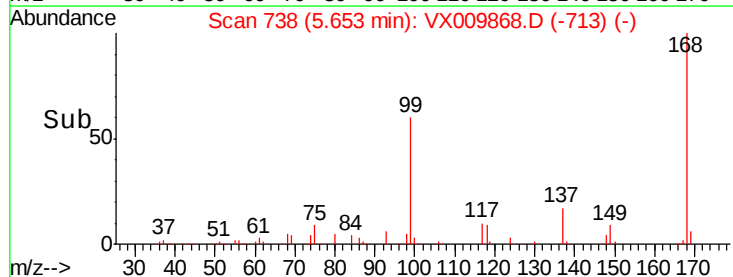
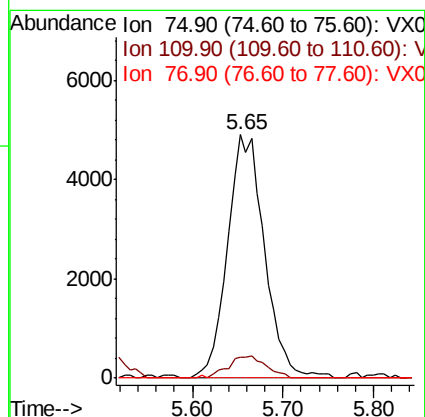
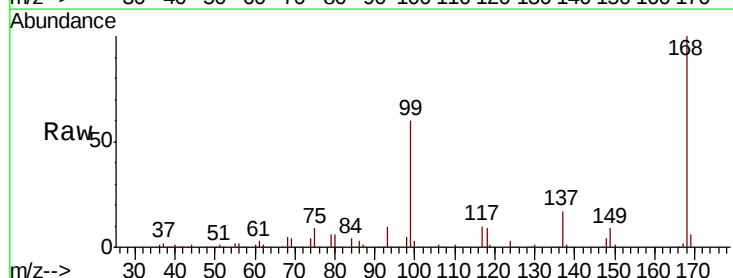
Instrument :
 MSVOA_X
 ClientSampleId :

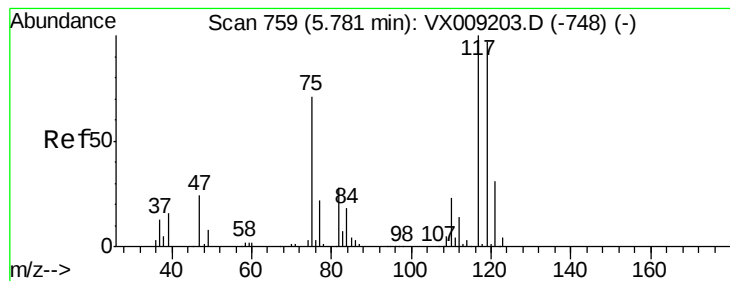
Tot Ion:113 Resp: 83807
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.326 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

Tgt Ion: 75 Resp: 13915
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.867 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

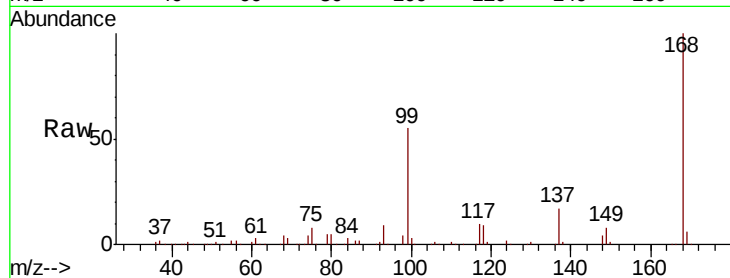
Tot Ion:117 Resp: 16301

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

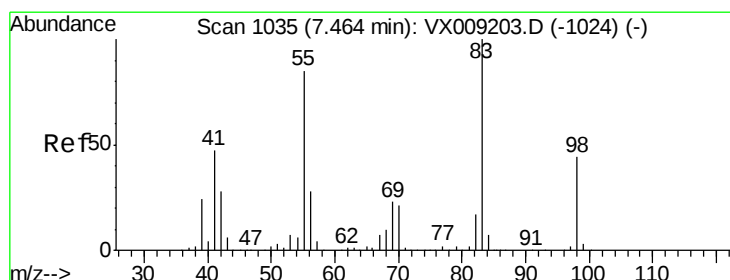
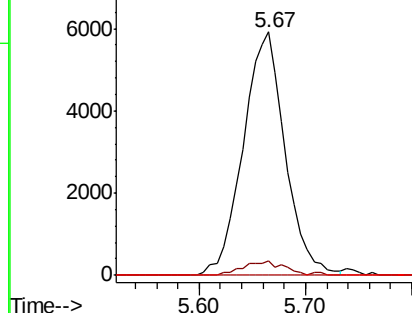
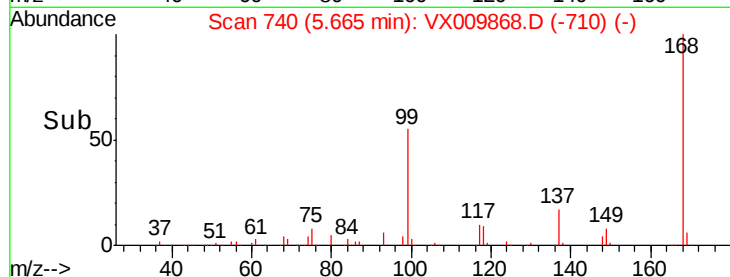
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.381 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

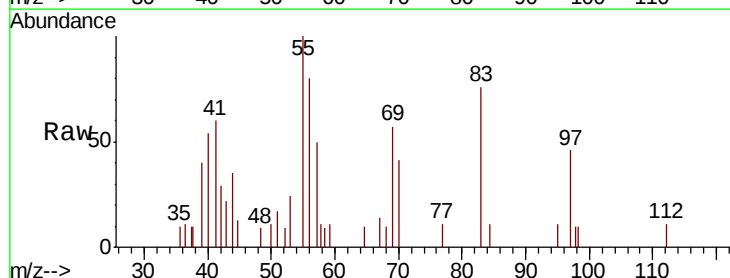
Tgt Ion: 83 Resp: 1223

Ion Ratio Lower Upper

83 100

55 131.1 67.7 101.5#

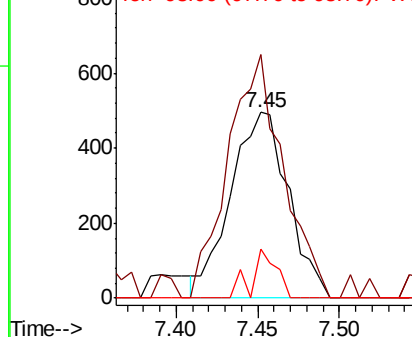
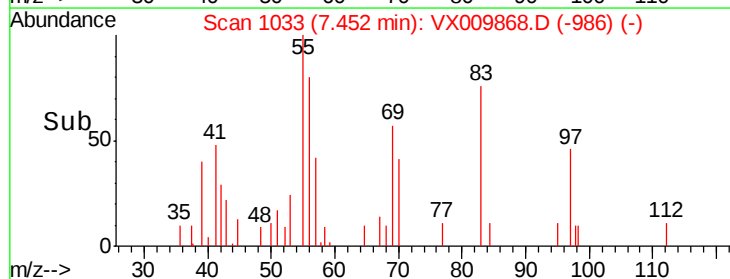
98 26.3 35.5 53.3#

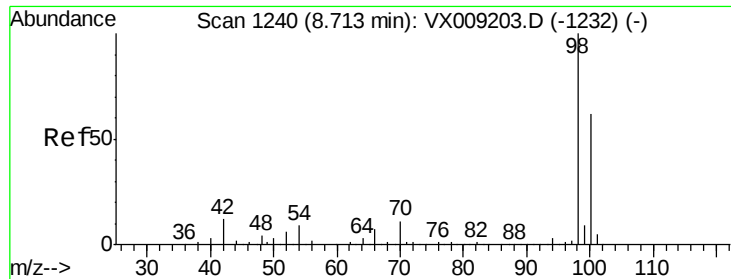


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 51.215 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

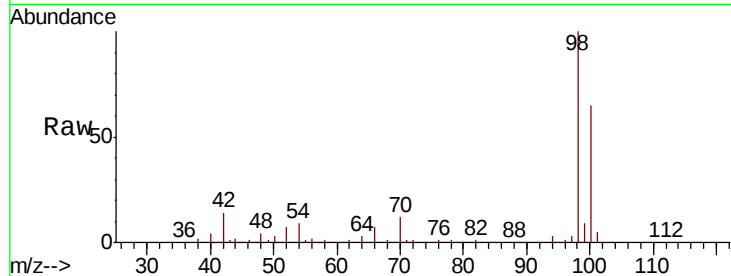
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 365435

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

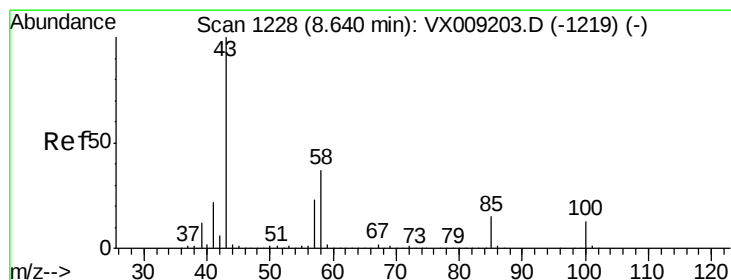
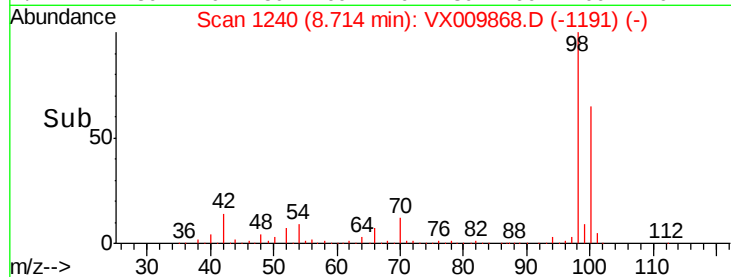
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.541 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX009868.D

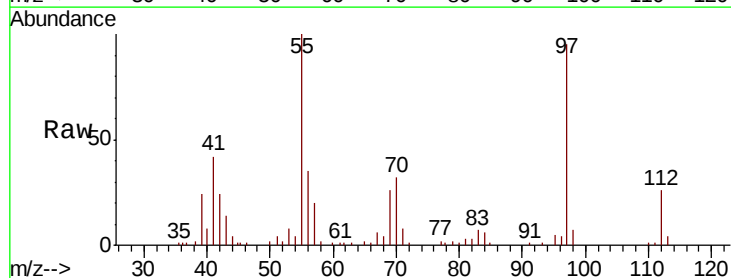
Acq: 23 May 2019 19:01

Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

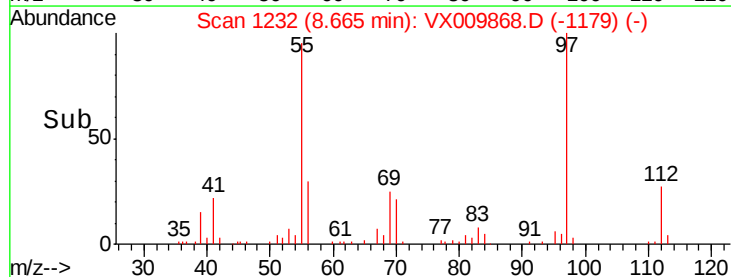
1500

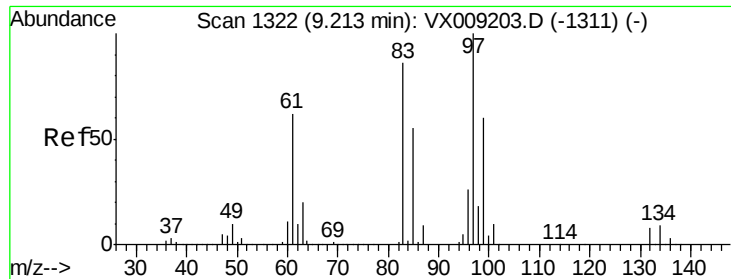
1000

500

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 13.861 ug/l

RT: 9.16 min Scan# 1314

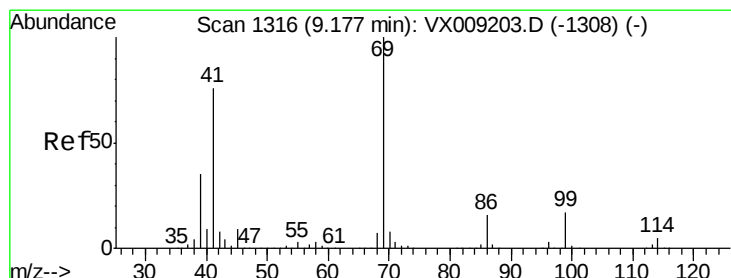
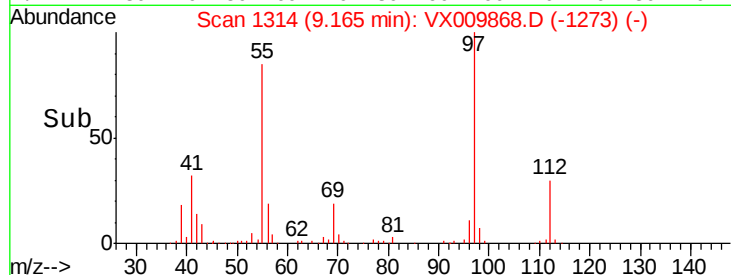
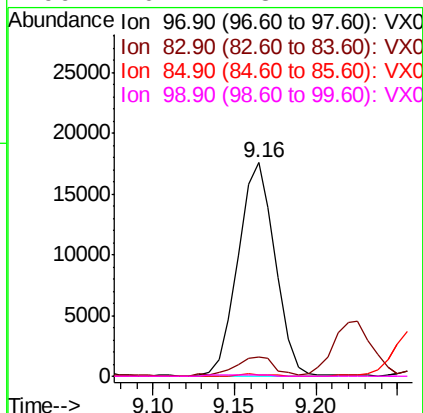
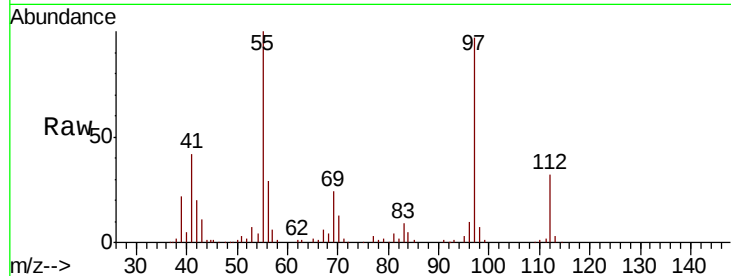
Delta R.T. -0.05 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	97	Resp:	27795
Ion	Ratio	Lower	Upper
97	100		
83	9.1	68.9	103.3#
85	0.7	43.8	65.6#
99	0.7	48.2	72.2#



#56

Ethyl methacrylate

Concen: 2.076 ug/l

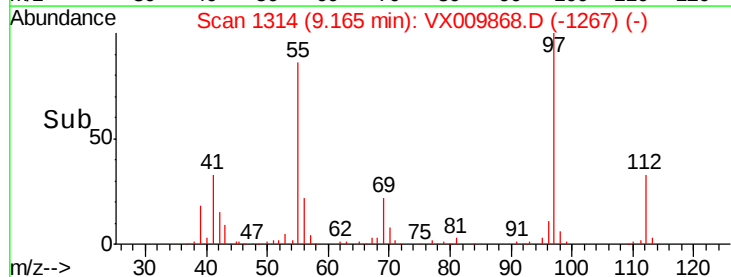
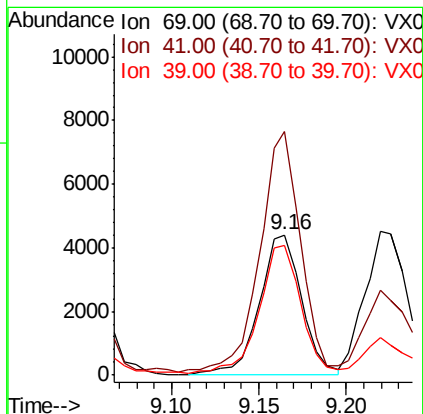
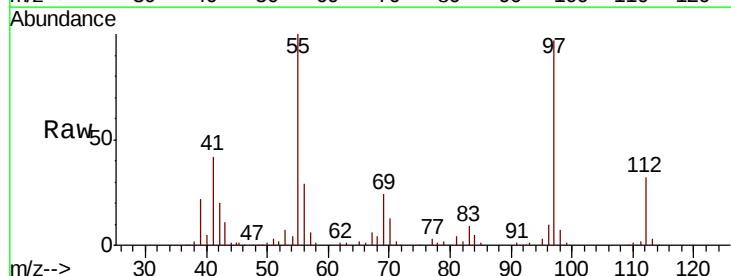
RT: 9.16 min Scan# 1314

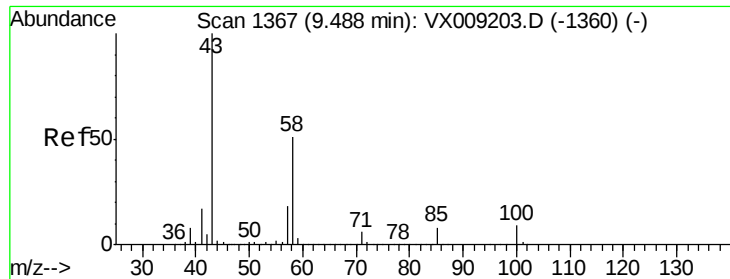
Delta R.T. -0.01 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Tgt Ion:	69	Resp:	7432
Ion	Ratio	Lower	Upper
69	100		
41	162.4	60.6	90.8#
39	88.7	28.2	42.4#

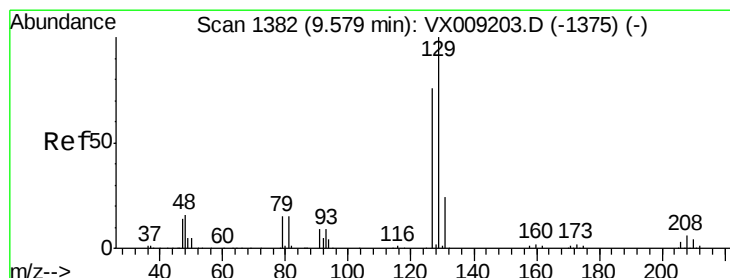
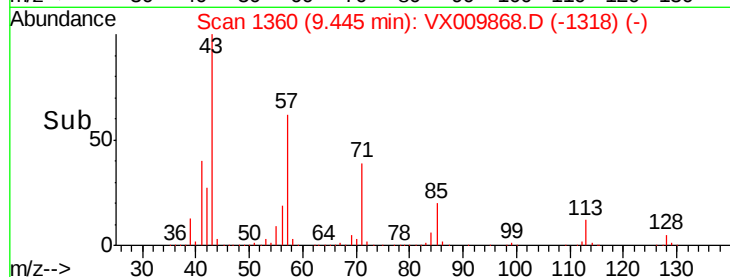
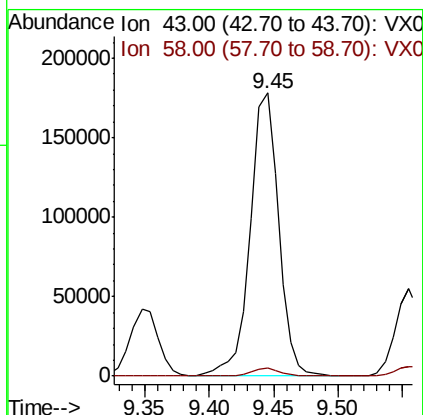
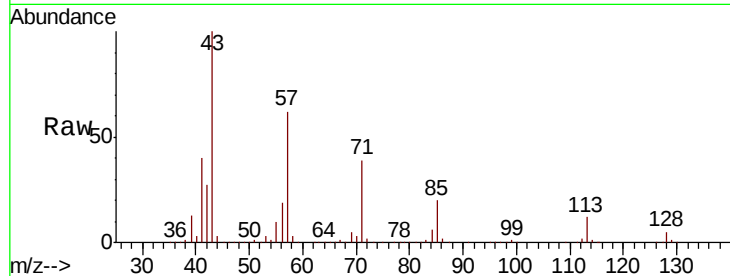




#59
2-Hexanone
Concen: 90.084 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

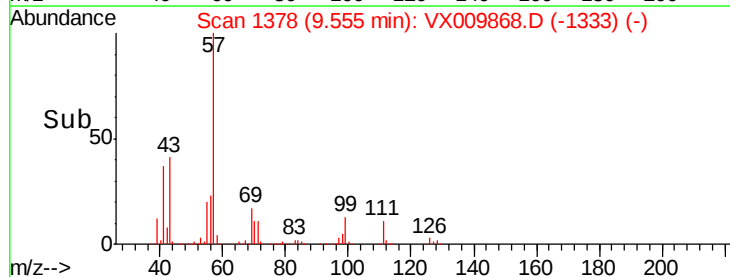
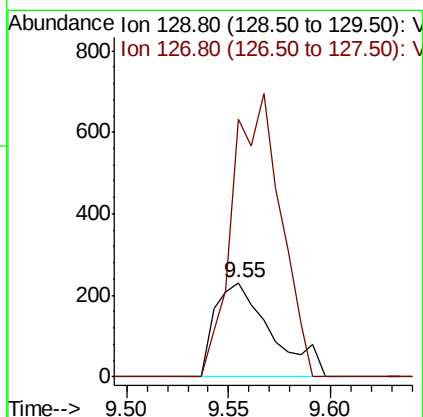
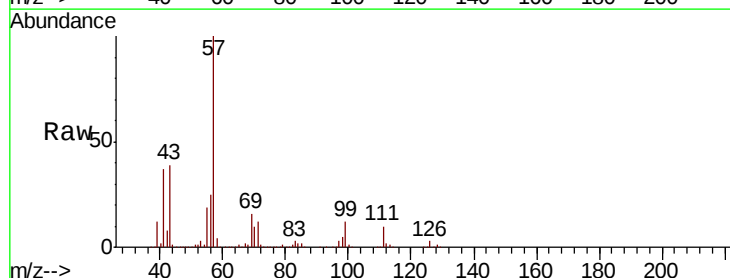
Instrument :
MSVOA_X
ClientSampleId :

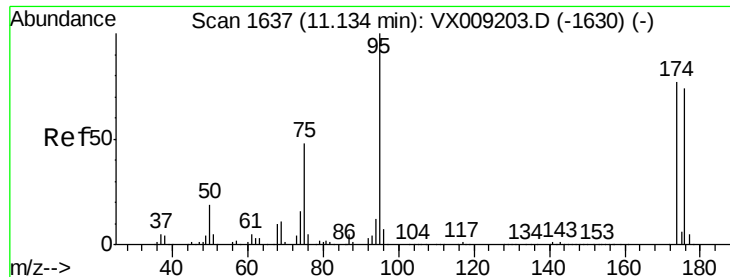
Tot Ion: 43 Resp: 269269
Ion Ratio Lower Upper
43 100
58 3.0 25.9 77.7#



#60
Dibromochloromethane
Concen: 0.226 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. -0.02 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion:129 Resp: 442
Ion Ratio Lower Upper
129 100
127 257.9 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 66.030 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

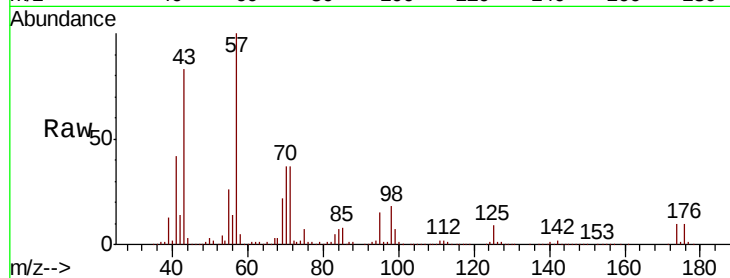
Tot Ion: 95 Resp: 171197

Ion Ratio Lower Upper

95 100

174 61.0 0.0 161.6

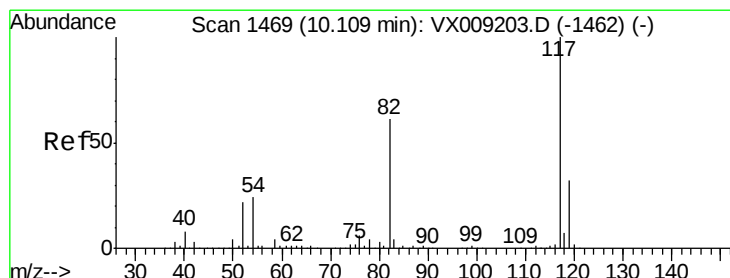
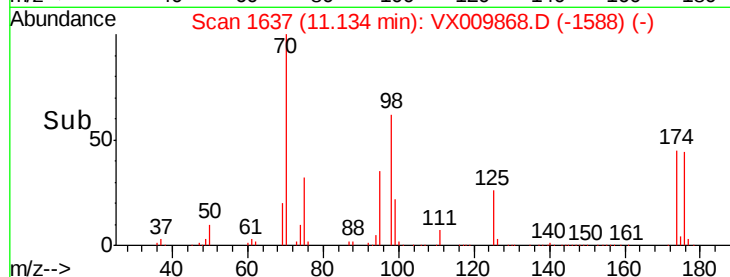
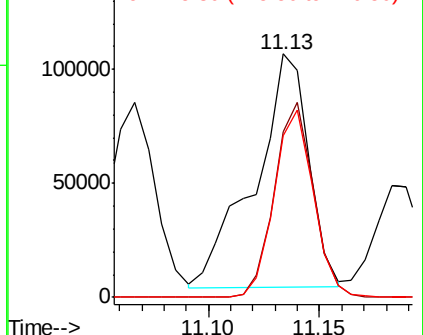
176 59.1 0.0 159.2



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: VX009868.D

Acq: 23 May 2019 19:01

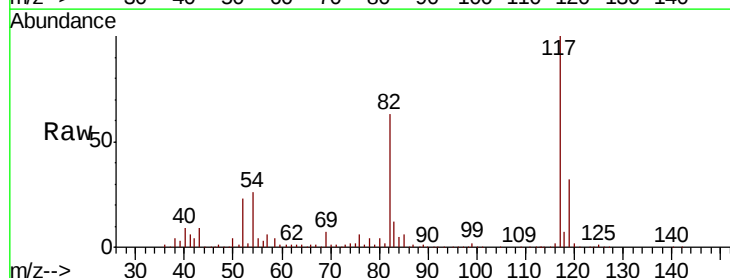
Tgt Ion: 117 Resp: 262508

Ion Ratio Lower Upper

117 100

82 62.5 48.8 73.2

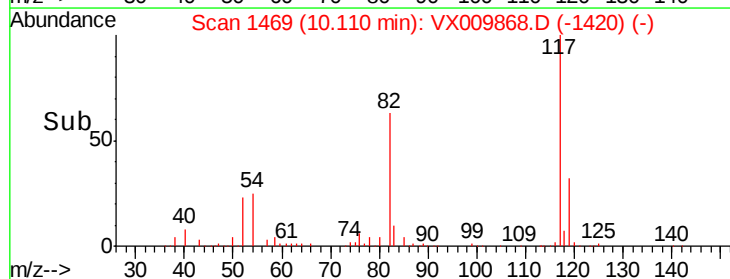
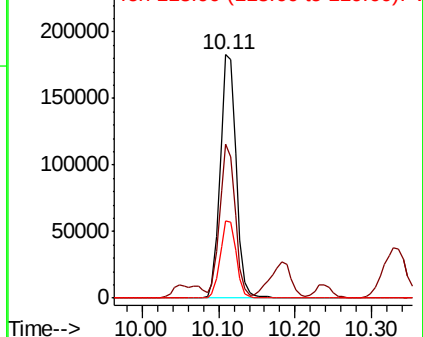
119 31.8 25.8 38.6

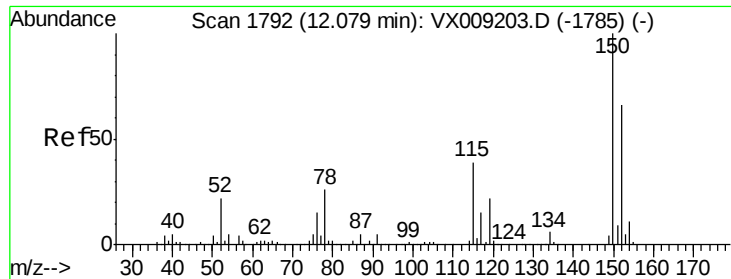


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

ClientSampled :

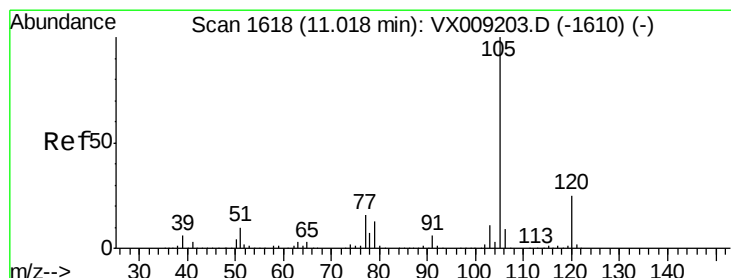
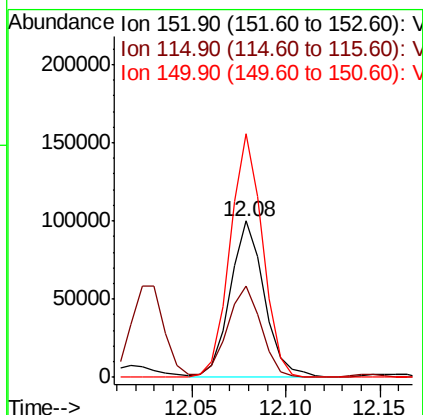
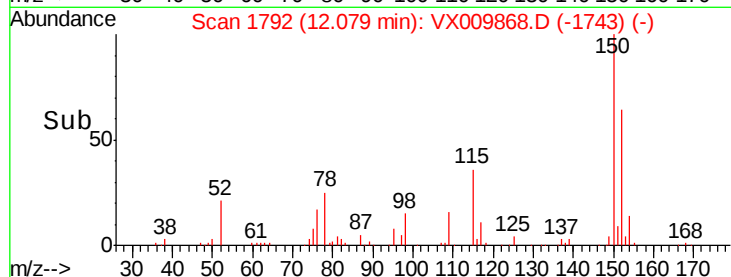
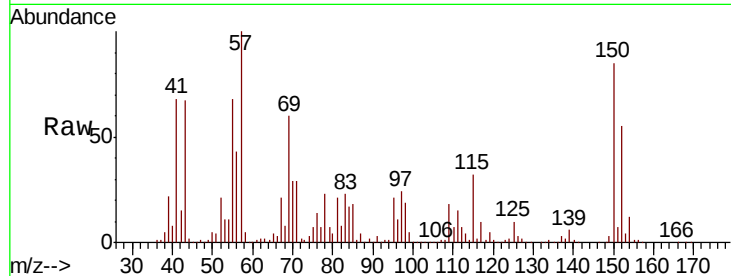
Tot Ion:152 Resp: 125373

Ion Ratio Lower Upper

152 100

115 57.7 41.2 123.6

150 148.0 0.0 346.4



#73

Isopropylbenzene

Concen: 1.423 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009868.D

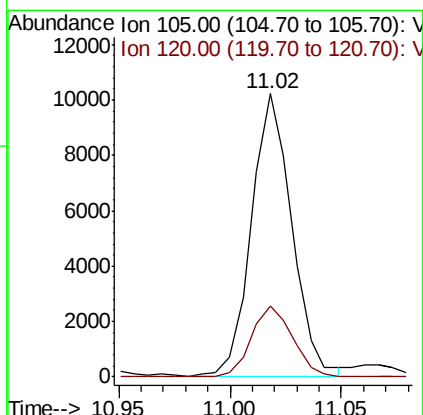
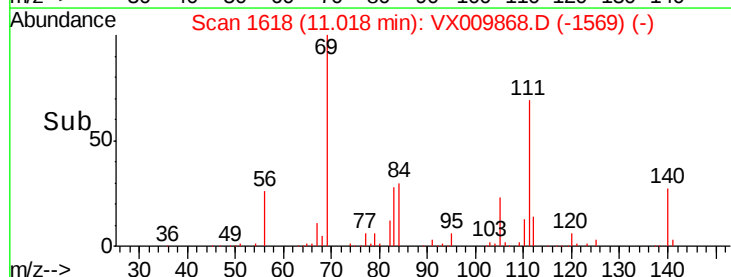
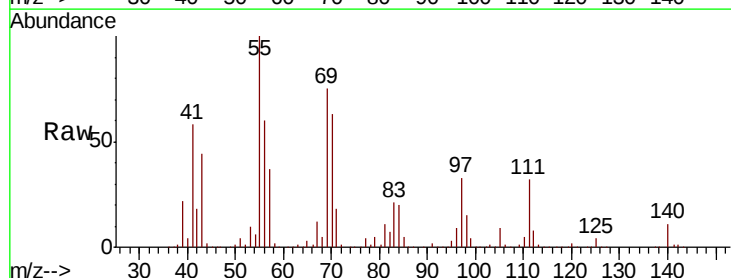
Acq: 23 May 2019 19:01

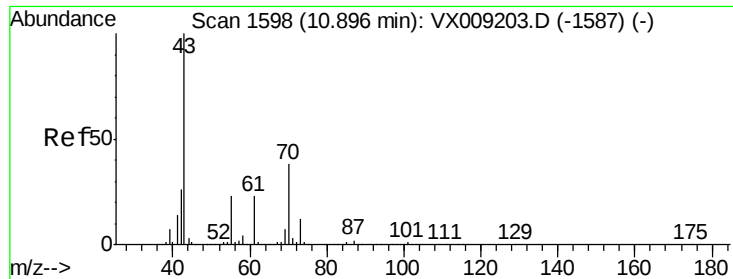
Tgt Ion:105 Resp: 12978

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3





#74

N-amvl acetate

Concen: 95.794 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

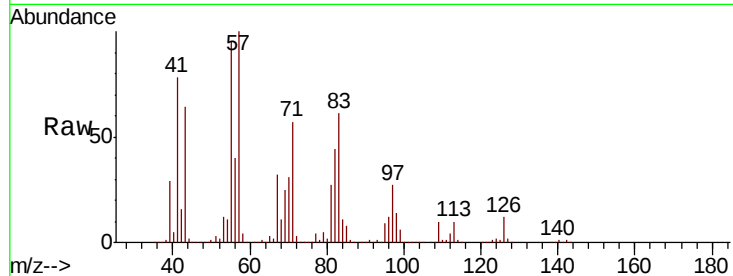
MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 509172

Ion Ratio Lower Upper

43	100		
70	35.4	30.0	45.0
55	117.8	17.9	26.9#
61	0.1	18.4	27.6#



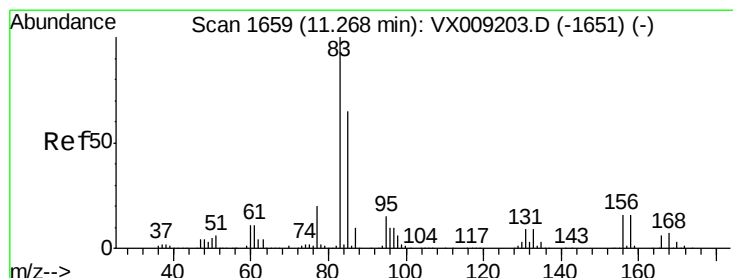
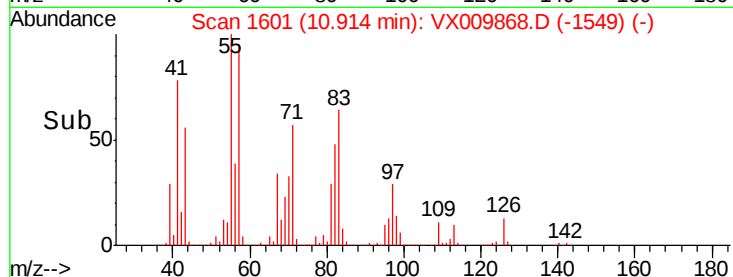
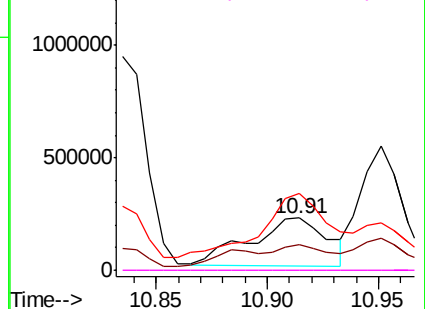
Abundance

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: 102.747 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

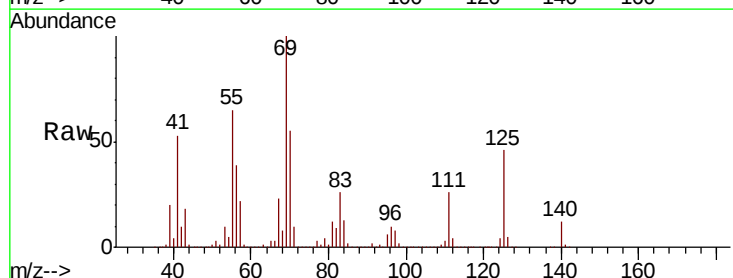
Lab File: VX009868.D

Acq: 23 May 2019 19:01

Tgt Ion: 83 Resp: 349203

Ion Ratio Lower Upper

83	100		
131	0.0	4.6	13.8#
85	0.0	32.0	96.2#

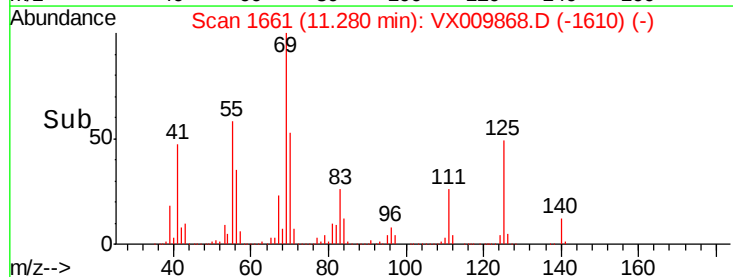
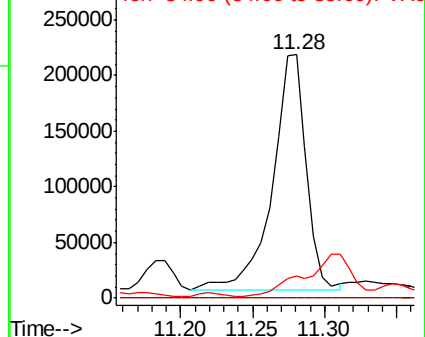


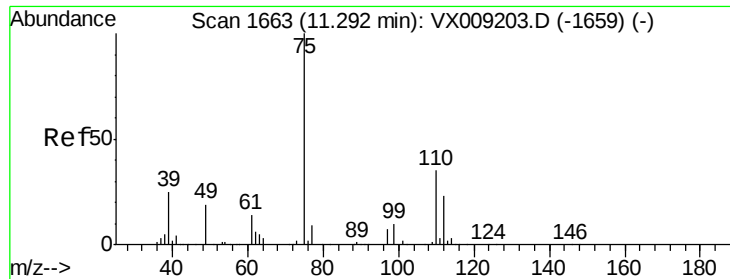
Abundance

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

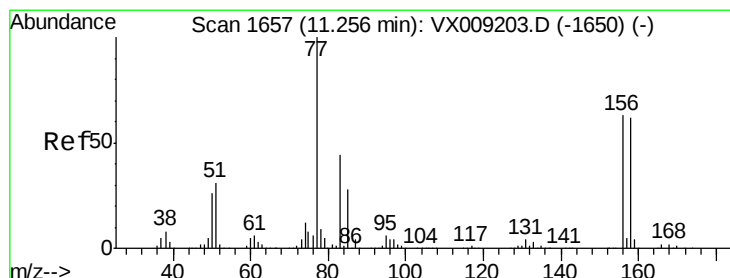
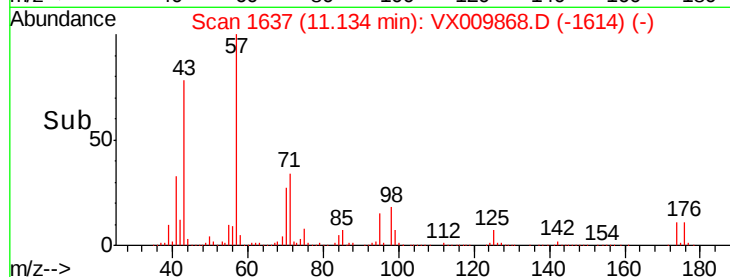
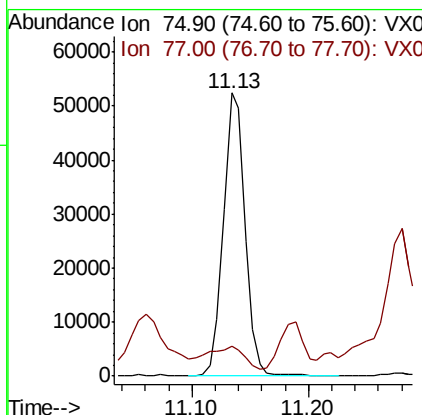
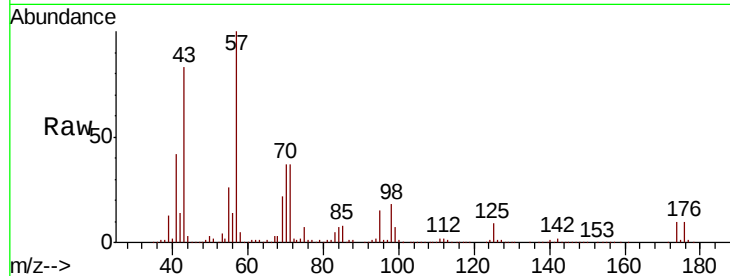




#76
 1,2,3-Trichloropropane
 Concen: 23.061 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

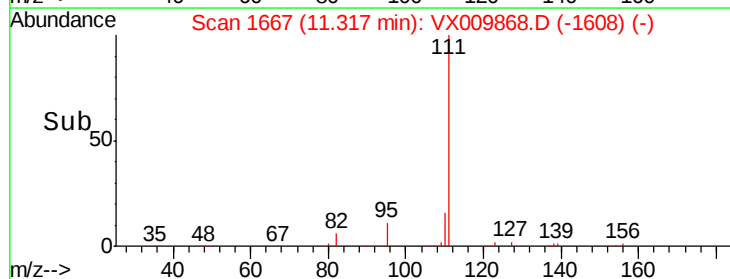
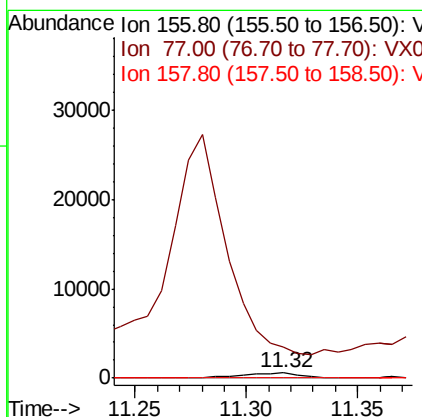
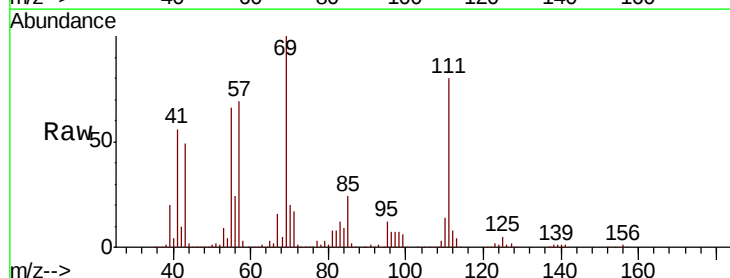
Instrument :
 MSVOA_X
 ClientSampled :

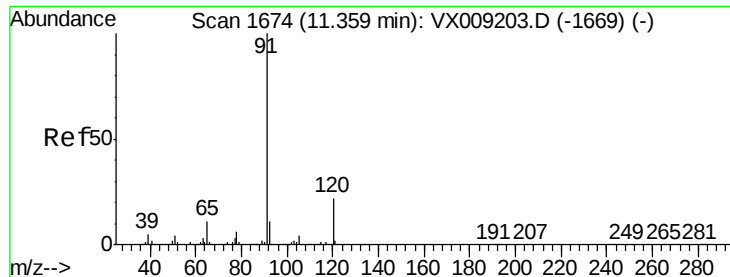
Tot Ion: 75 Resp: 67066
 Ion Ratio Lower Upper
 75 100
 77 14.3 22.1 66.1#



#77
 Bromobenzene
 Concen: 0.438 ug/l
 RT: 11.32 min Scan# 1667
 Delta R.T. 0.06 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

Tgt Ion: 156 Resp: 991
 Ion Ratio Lower Upper
 156 100
 77 0.0 84.8 254.3#
 158 0.0 49.1 147.3#





#78

n-propylbenzene

Concen: 5.262 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

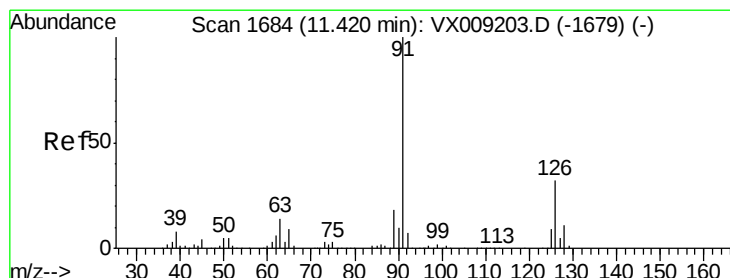
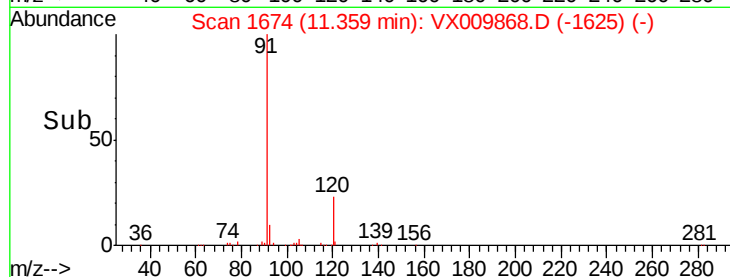
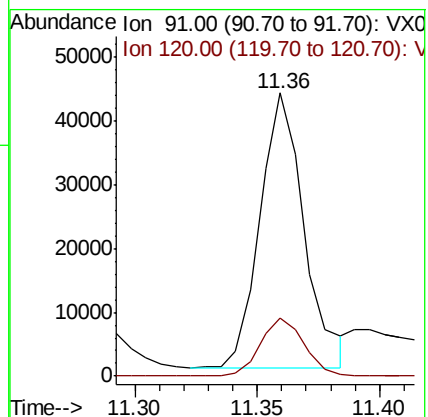
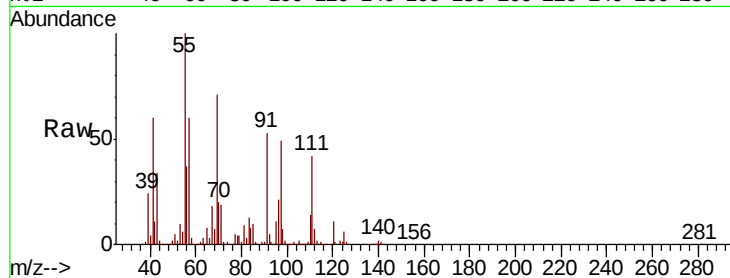
ClientSampleId :

Tot Ion: 91 Resp: 54788

Ion Ratio Lower Upper

91 100

120 20.9 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.968 ug/l

RT: 11.49 min Scan# 1695

Delta R.T. 0.07 min

Lab File: VX009868.D

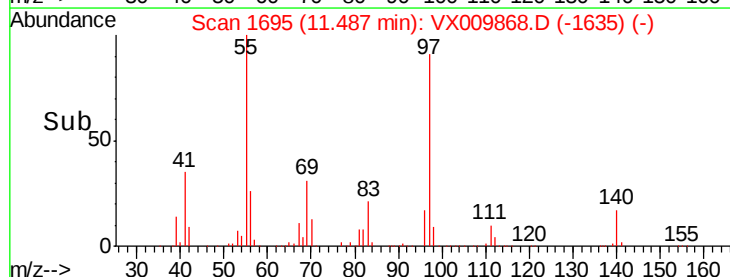
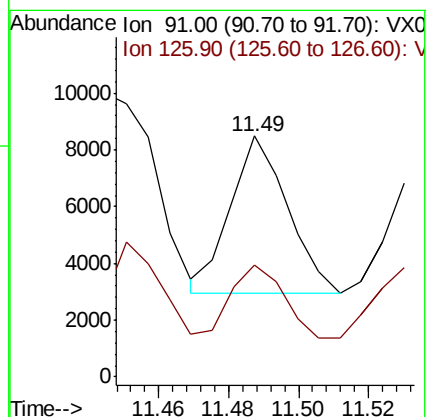
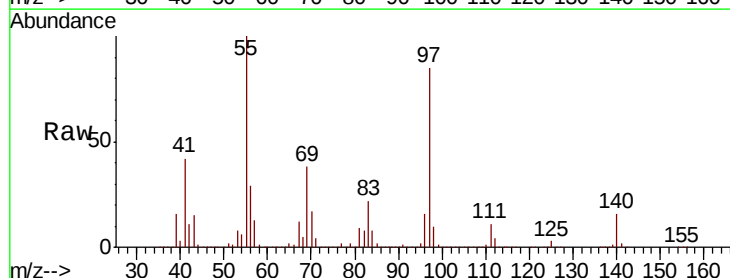
Acq: 23 May 2019 19:01

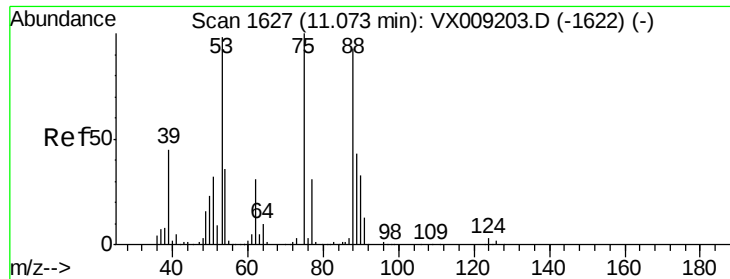
Tgt Ion: 91 Resp: 6221

Ion Ratio Lower Upper

91 100

126 43.3 16.3 48.9





#81

trans-1,4-Dichloro-2-butene

Concen: 59.005 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

ClientSampled :

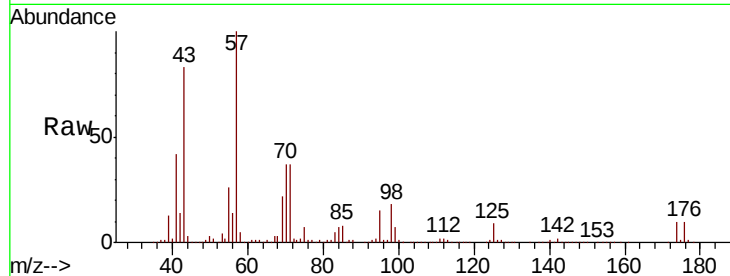
Tot Ion: 75 Resp: 67066

Ion Ratio Lower Upper

75 100

53 58.0 79.0 118.6#

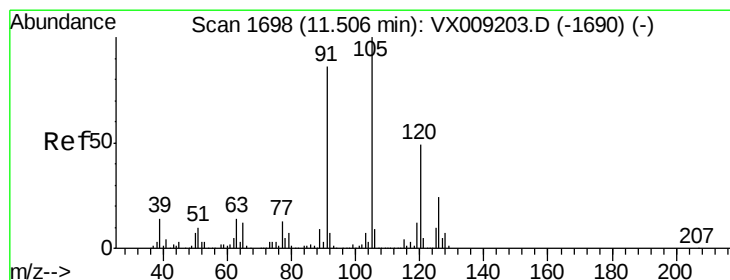
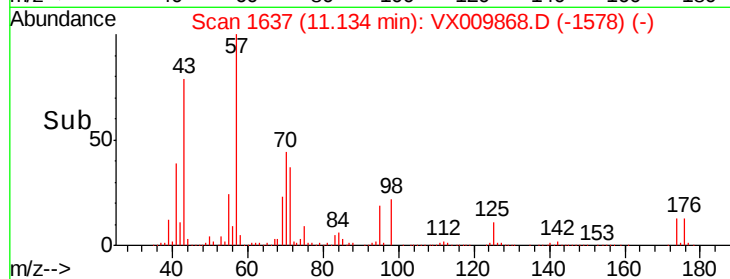
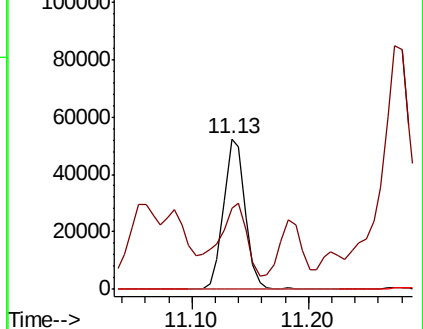
89 0.0 34.7 52.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.857 ug/l

RT: 11.49 min Scan# 1695

Delta R.T. -0.02 min

Lab File: VX009868.D

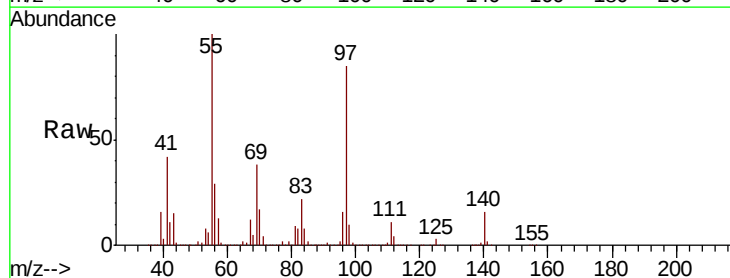
Acq: 23 May 2019 19:01

Tgt Ion: 91 Resp: 6221

Ion Ratio Lower Upper

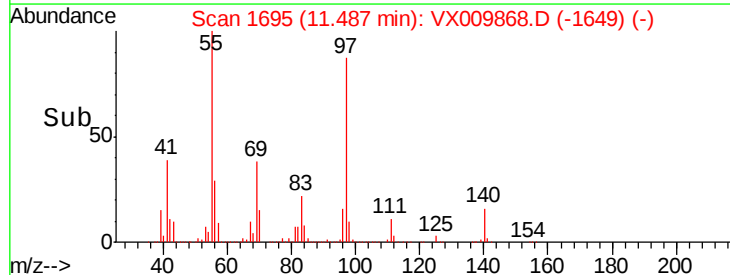
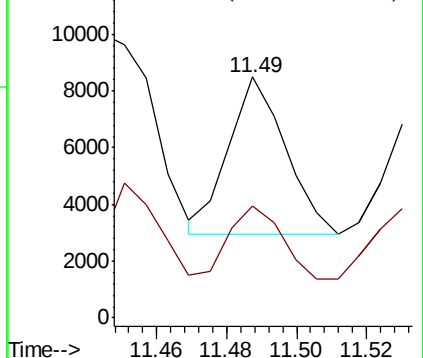
91 100

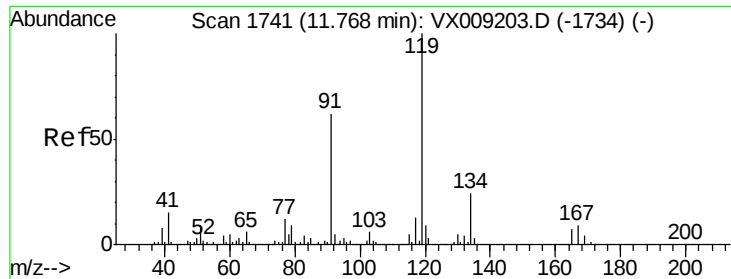
126 43.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

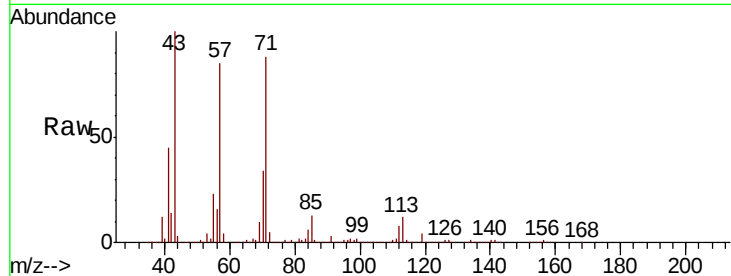




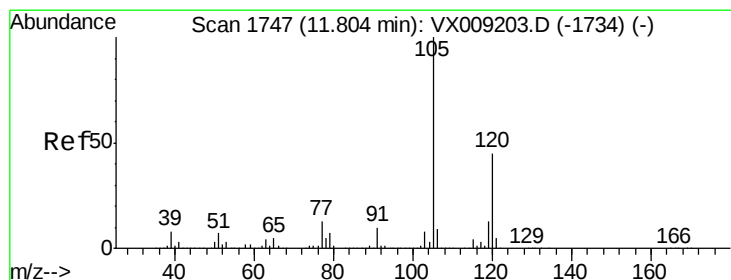
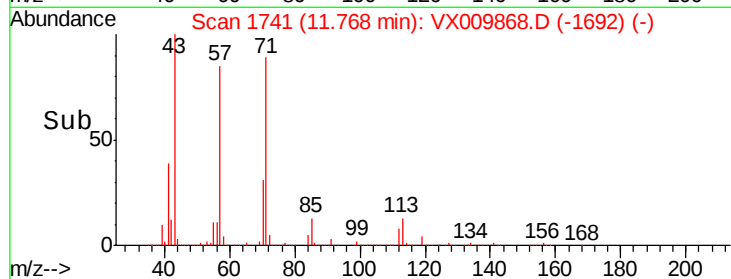
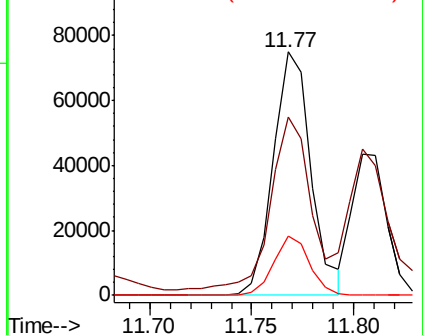
#83
tert-Butylbenzene
Concen: 12.976 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 96901
Ion Ratio Lower Upper
119 100
91 73.3 29.5 88.5
134 23.0 11.4 34.1

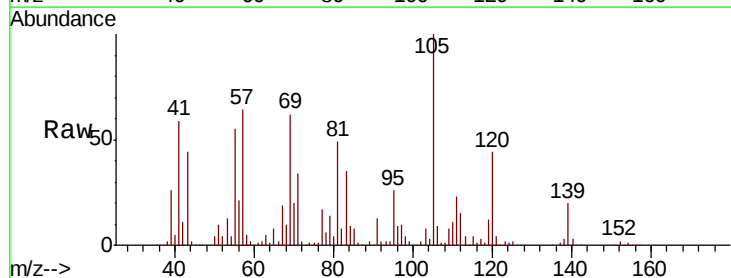


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

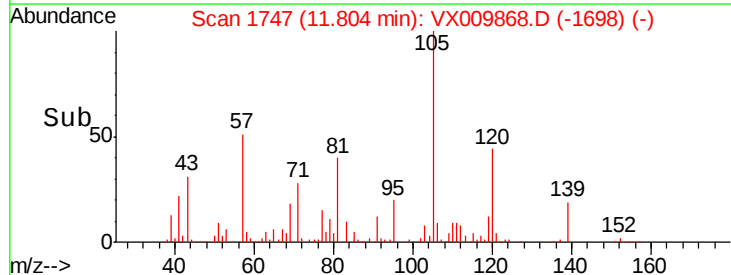
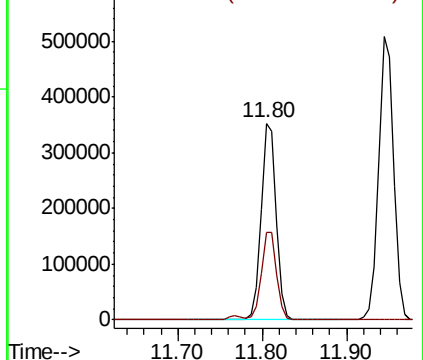


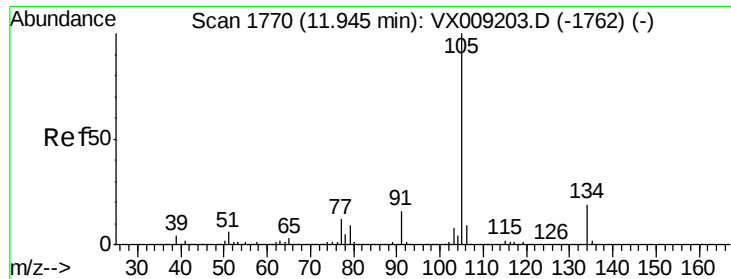
#84
1,2,4-Trimethylbenzene
Concen: 56.484 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion:105 Resp: 435225
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 70.923 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

Instrument :

MSVOA_X

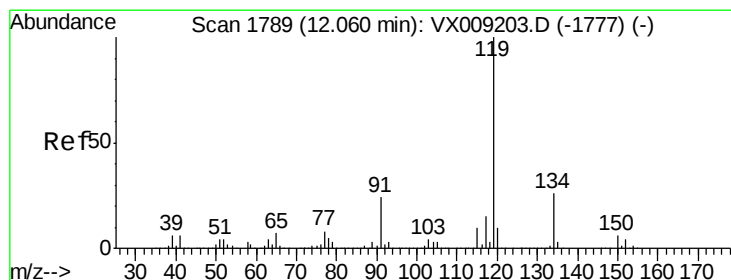
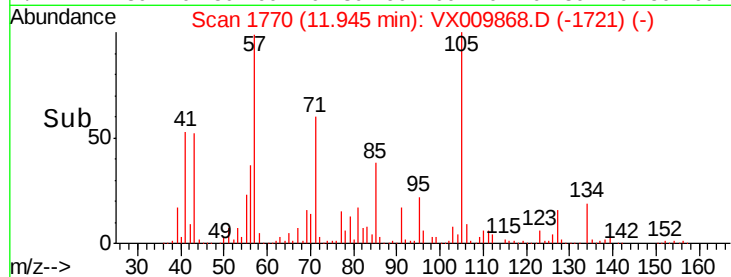
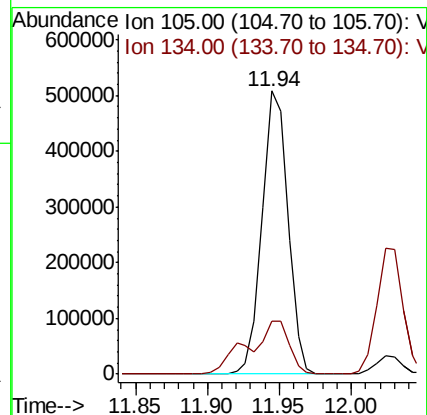
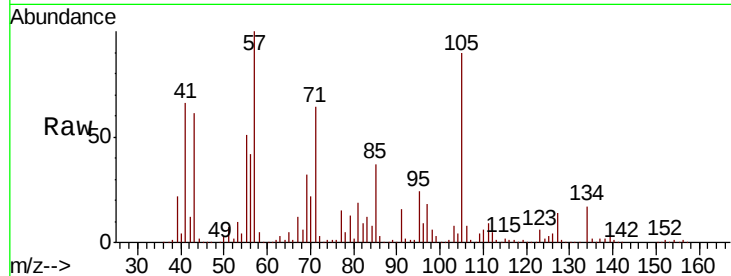
ClientSampled :

Tot Ion:105 Resp: 627920

Ion Ratio Lower Upper

105 100

134 30.0 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 128.686 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX009868.D

Acq: 23 May 2019 19:01

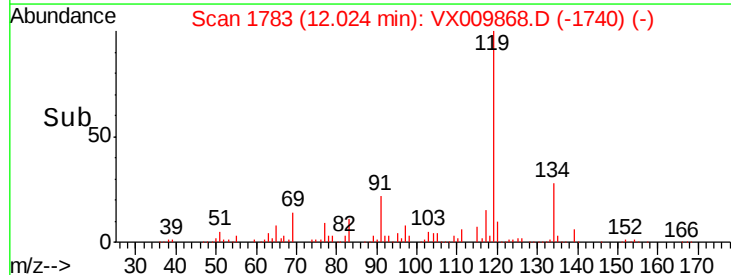
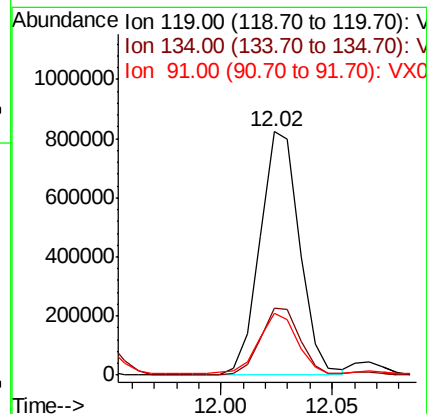
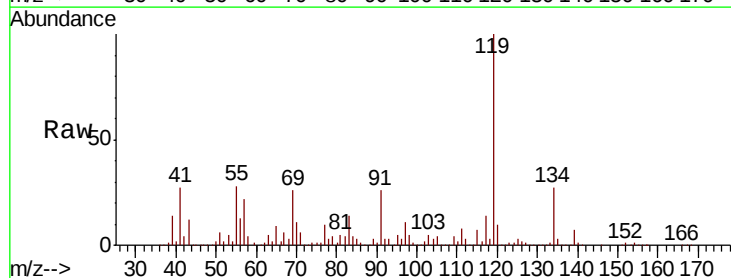
Tgt Ion:119 Resp: 1024247

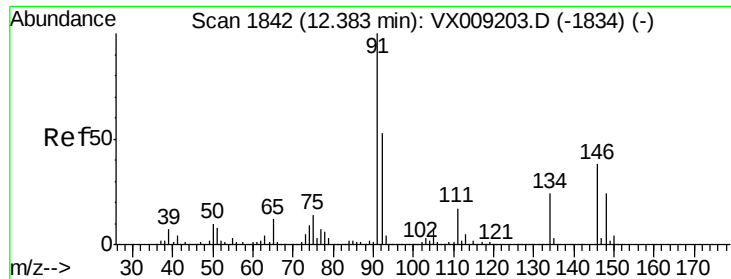
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.7

91 25.1 11.8 35.4

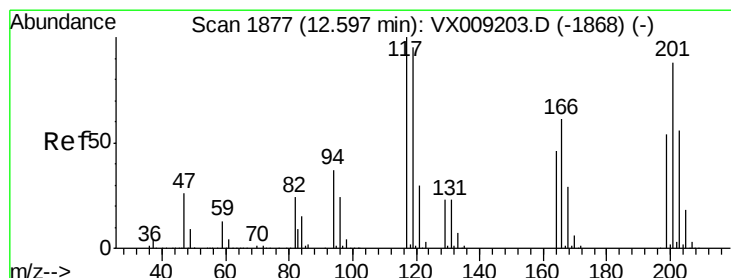
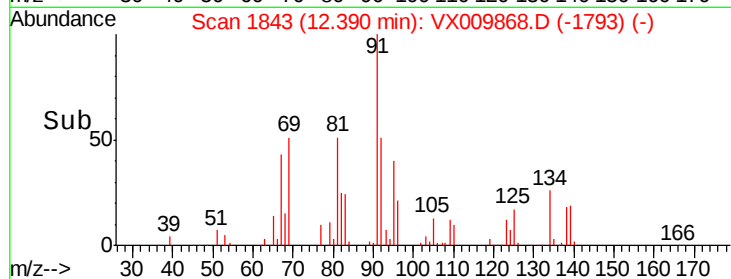
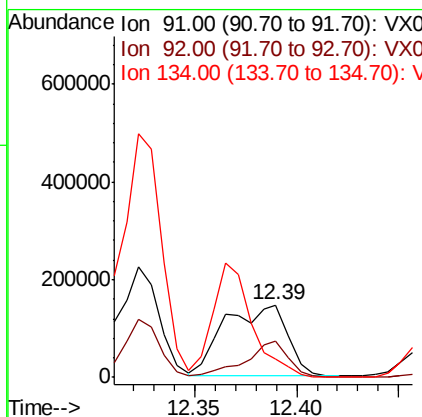
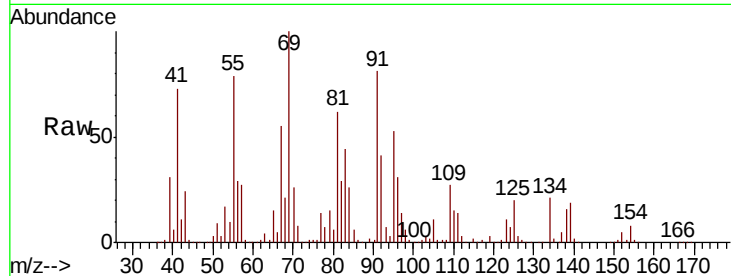




#89
n-Butylbenzene
Concen: 43.413 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

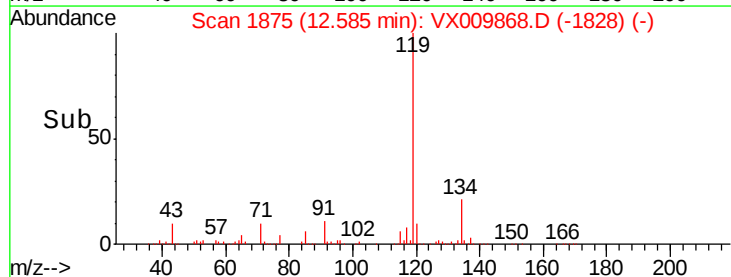
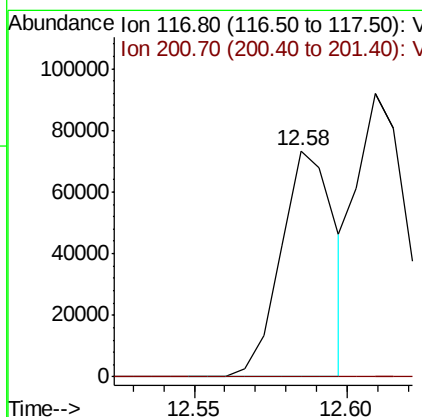
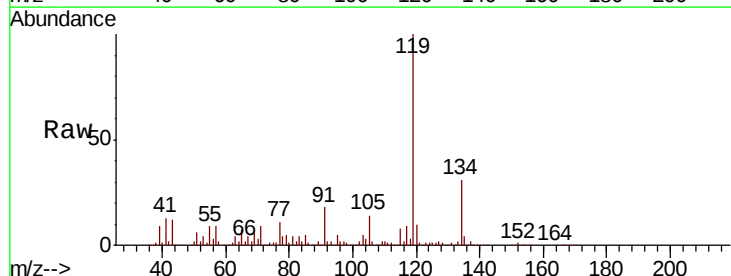
Instrument :
MSVOA_X
ClientSampleId :

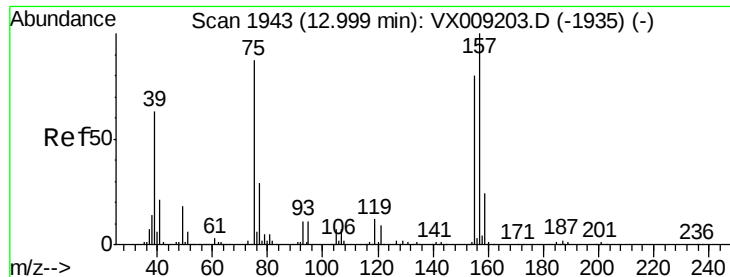
Tot Ion: 91 Resp: 312309
Ion Ratio Lower Upper
91 100
92 34.6 26.5 79.5
134 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 66.389 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX009868.D
Acq: 23 May 2019 19:01

Tgt Ion: 117 Resp: 90023
Ion Ratio Lower Upper
117 100
201 0.0 42.3 126.9#

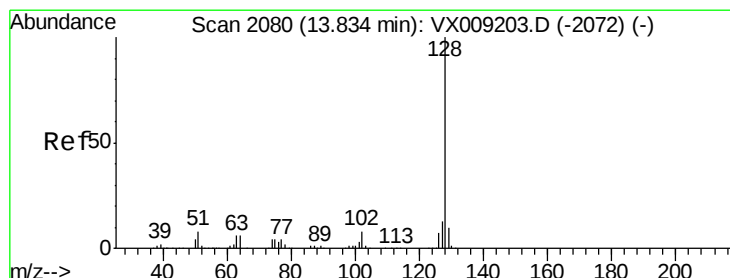
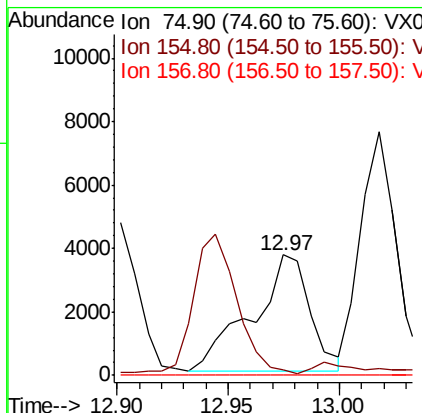
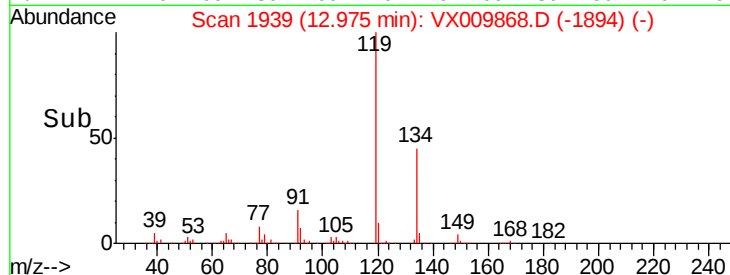
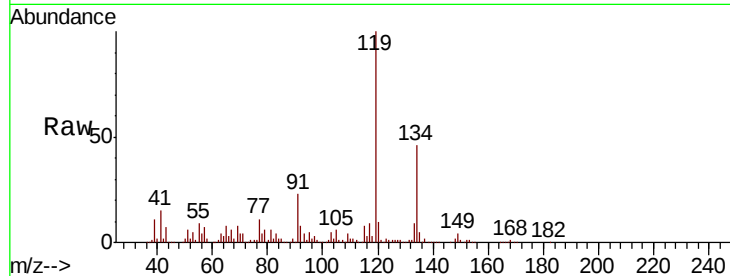




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.594 ug/l
 RT: 12.97 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 6552
 Ion Ratio Lower Upper
 75 100
 155 13.2 42.0 126.0#
 157 0.0 53.2 159.6#



#95
 Naphthalene
 Concen: 0.207 ug/l
 RT: 13.85 min Scan# 2083
 Delta R.T. 0.02 min
 Lab File: VX009868.D
 Acq: 23 May 2019 19:01

Tgt Ion: 128 Resp: 1888
 Ion Ratio Lower Upper
 128 100
 127 41.6 10.4 15.6#
 129 86.9 8.6 13.0#

