

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011876.D
 Acq On : 28 Aug 2019 18:50
 Operator : SY/SP
 Sample : VX0828SBL02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 11:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	369055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	511003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	154283	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	5.49	113	138199	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
50) Toluene-d8	8.71	98	544514	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.13	95	211346	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	3657	Below Cal		96
13) Acrolein	2.28	56	951	7.702	ug/l #	1
16) Acetone	2.43	43	23659	2.715	ug/l	91
18) Methyl Acetate	2.77	43	3191	Below Cal		92
25) 2-Butanone	4.68	43	3376	3.519	ug/l	95
29) Tetrahydrofuran	5.15	42	1055	1.858	ug/l #	49
31) Cyclohexane	5.65	56	6305	1.324	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	23532	5.598	ug/l #	51
38) Carbon Tetrachloride	5.65	117	31652	7.728	ug/l #	17
49) 1,4-Dioxane	7.75	88	1231	65.788	ug/l #	85
51) 4-Methyl-2-Pentanone	8.63	43	27911	19.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	169	26.772	ug/l #	44
59) 2-Hexanone	9.49	43	25668	28.715	ug/l	98
68) m/p-Xylenes	10.35	106	6737	1.205	ug/l	96
73) Isopropylbenzene	11.01	105	19403	1.344	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	105678	55.033	ug/l #	38
78) n-propylbenzene	11.35	91	28131	1.771	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	17867	1.475	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	105678	202.573	ug/l #	13
82) 4-Chlorotoluene	11.51	91	13144	1.139	ug/l	99
83) tert-Butylbenzene	11.77	119	18962	1.685	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	23267	2.025	ug/l	99
85) sec-Butylbenzene	11.94	105	30276	2.315	ug/l	98
86) p-Isopropyltoluene	12.06	119	33134	2.751	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	8721	1.207	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	8721	1.246	ug/l	95
89) n-Butylbenzene	12.38	91	35995	3.602	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	10994	1.782	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	16463	3.845	ug/l	97
94) Hexachlorobutadiene	13.78	225	8408	2.693	ug/l	99
95) Naphthalene	13.83	128	34114	6.626	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	15419	4.438	ug/l	98

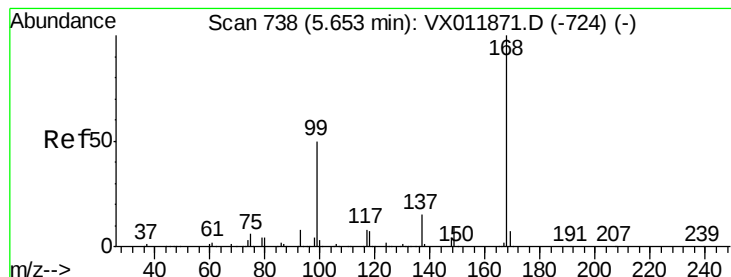
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
Data File : VX011876.D
Acq On : 28 Aug 2019 18:50
Operator : SY/SP
Sample : VX0828SBL02
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 29 11:30:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 15:10:21 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

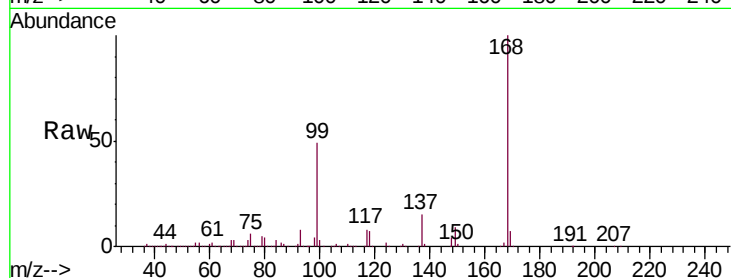
ClientSampled :

Tot Ion:168 Resp: 369055

Ion Ratio Lower Upper

168 100

99 48.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

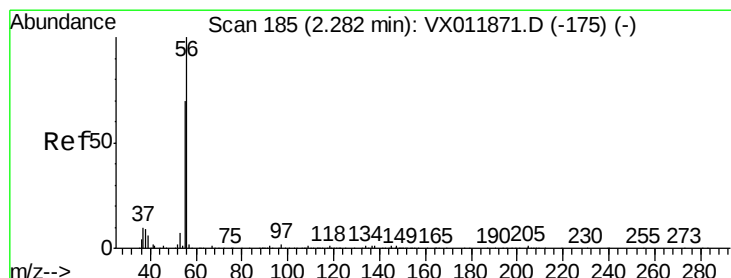
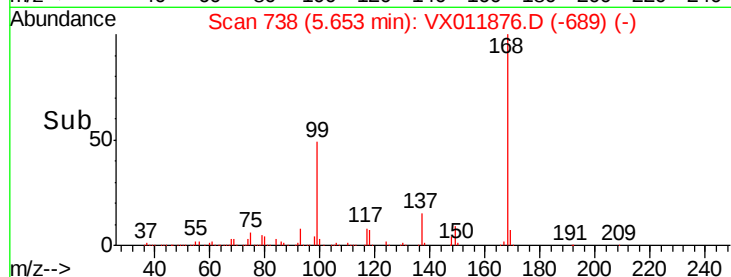
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 7.702 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011876.D

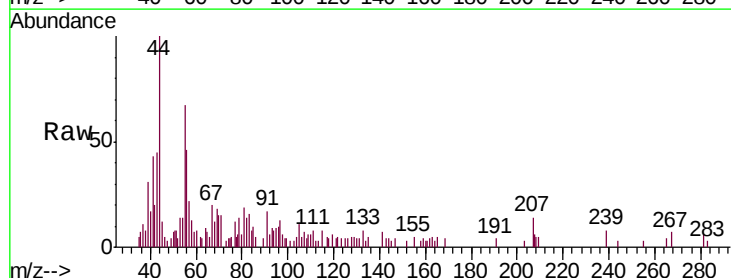
Acq: 28 Aug 2019 18:50

Tgt Ion: 56 Resp: 951

Ion Ratio Lower Upper

56 100

55 209.6 60.2 90.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

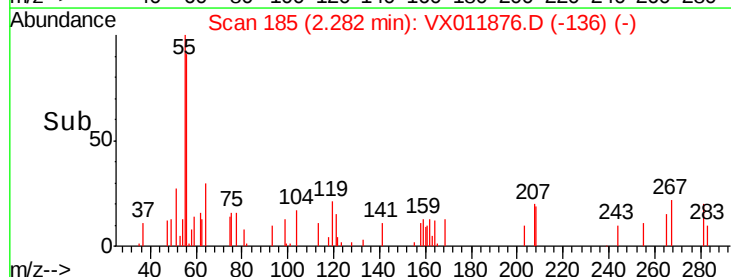
1500

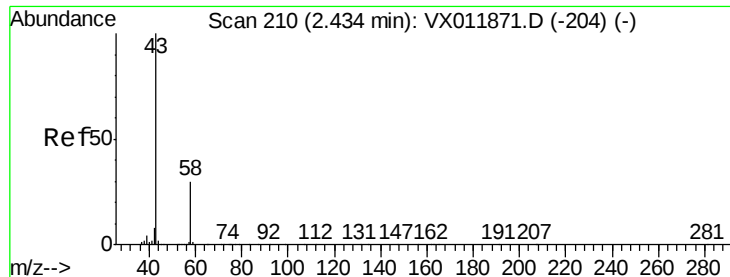
1000

500

0

Time-->





#16

Acetone

Concen: 2.715 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

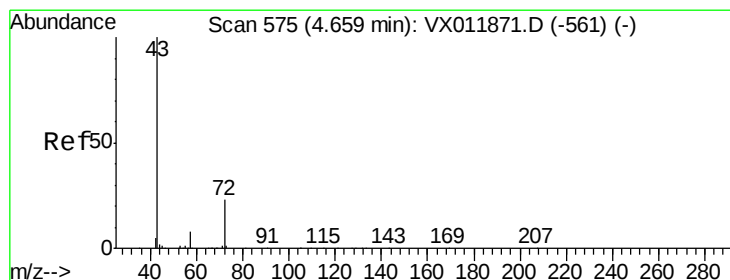
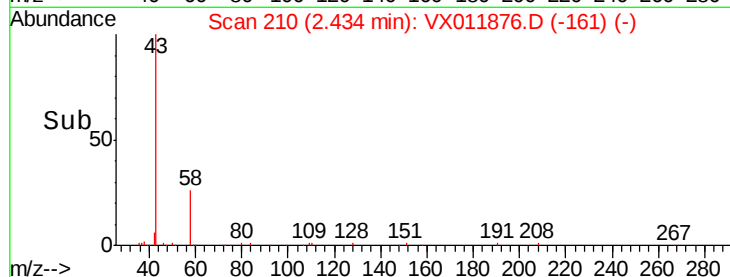
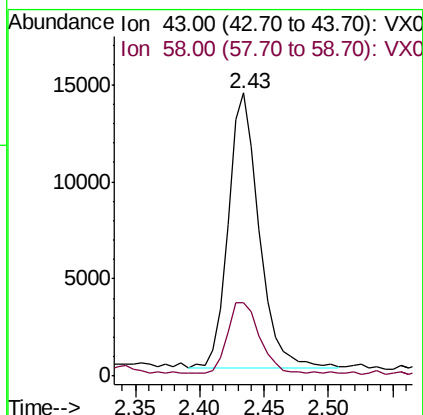
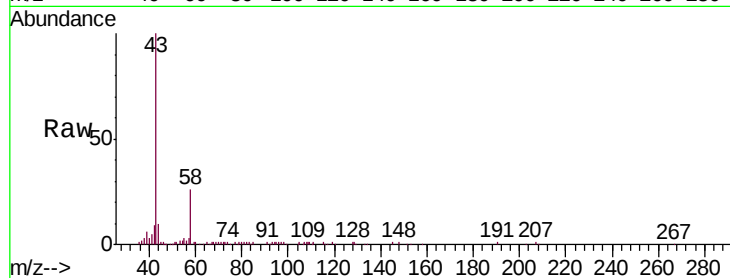
ClientSampleId :

Tot Ion: 43 Resp: 23659

Ion Ratio Lower Upper

43 100

58 25.3 24.0 36.0



#25

2-Butanone

Concen: 3.519 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.02 min

Lab File: VX011876.D

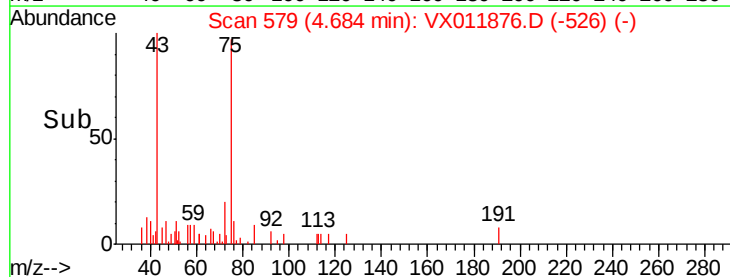
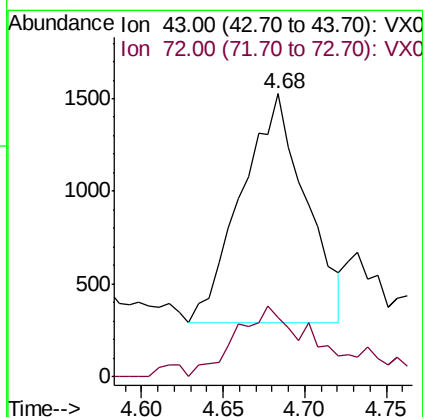
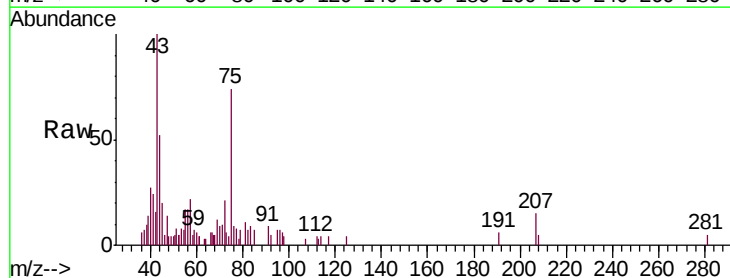
Acq: 28 Aug 2019 18:50

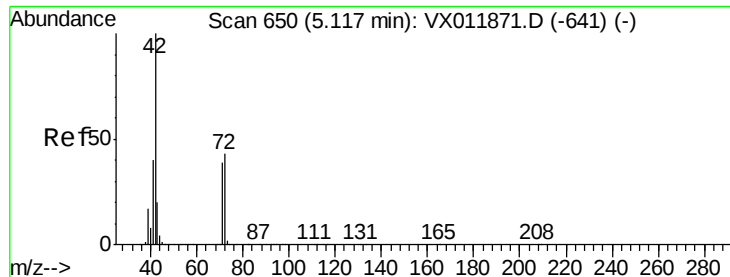
Tgt Ion: 43 Resp: 3376

Ion Ratio Lower Upper

43 100

72 26.1 18.9 28.3

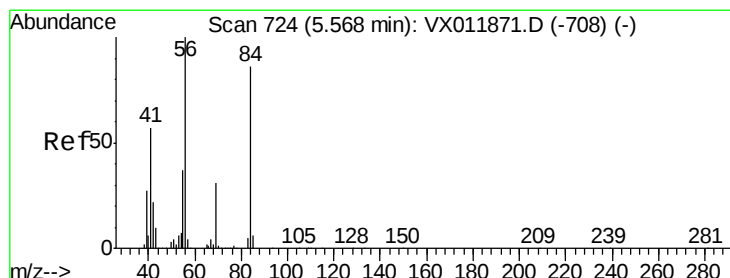
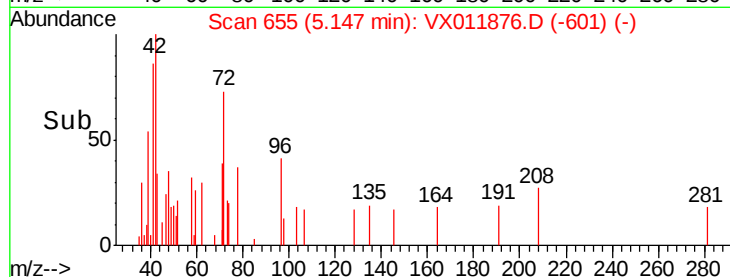
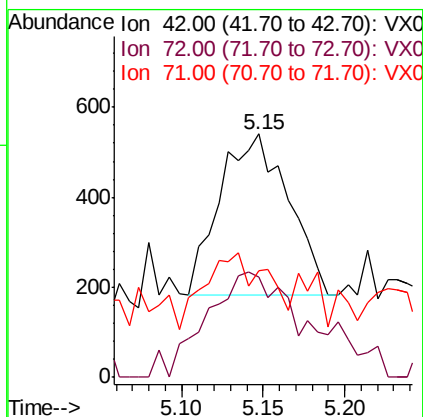
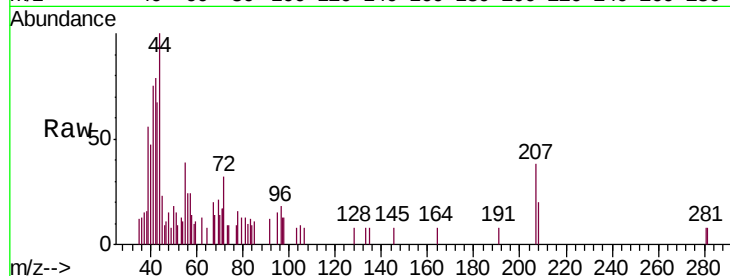




#29
Tetrahydrofuran
Concen: 1.858 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.03 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

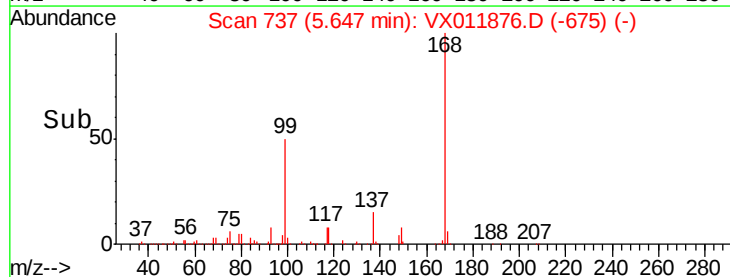
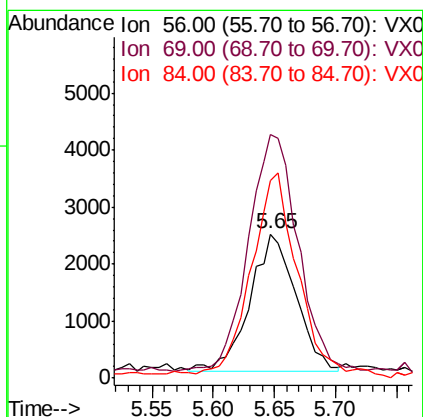
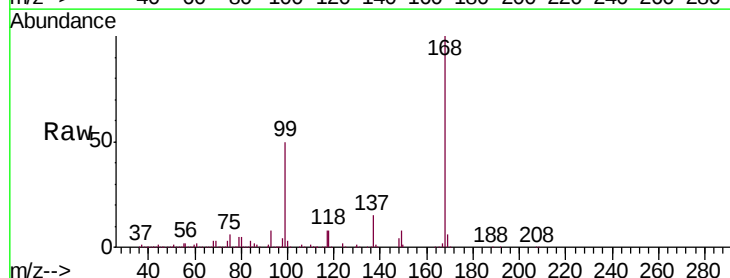
Instrument :
MSVOA_X
ClientSampleId :

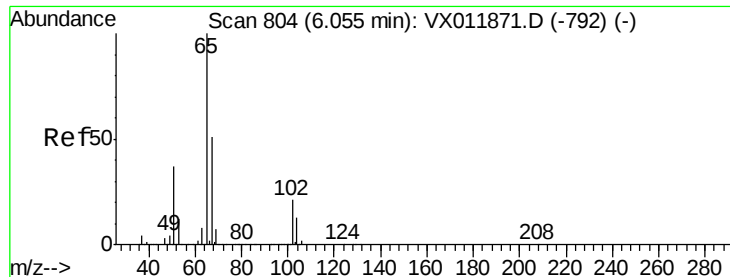
Tot Ion	Ratio	Lower	Upper
42	100		
72	98.8	35.4	53.2#
71	50.0	32.6	48.8#



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.08 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

Tgt Ion	Ratio	Lower	Upper
56	100		
69	171.9	25.0	37.4#
84	151.6	68.6	103.0#





#33

1,2-Dichloroethane-d4

Concen: 47.108 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

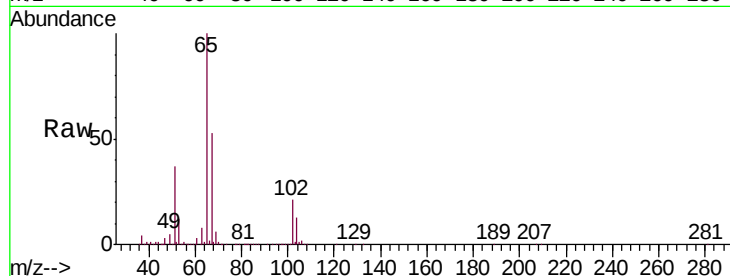
ClientSampleId :

Tot Ion: 65 Resp: 154283

Ion Ratio Lower Upper

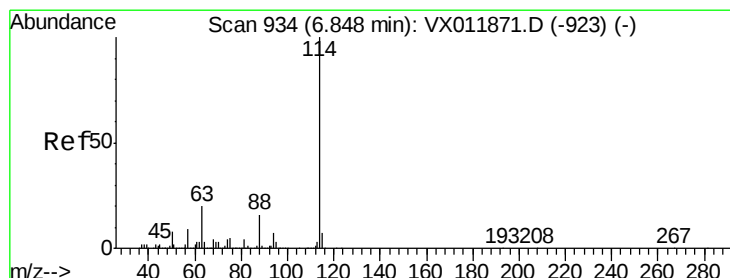
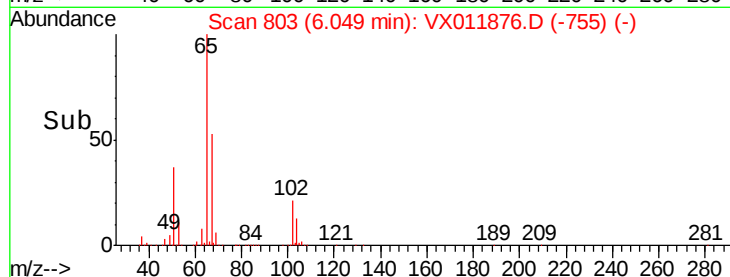
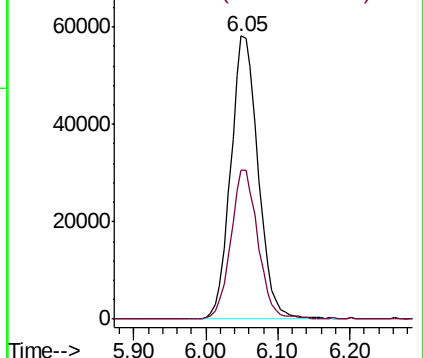
65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

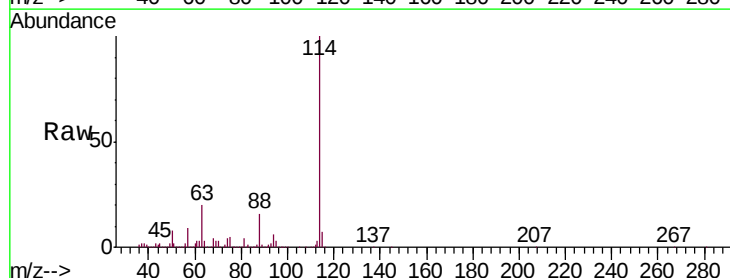
Tgt Ion: 114 Resp: 511003

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

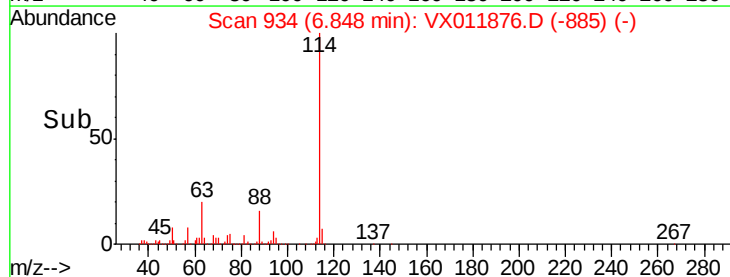
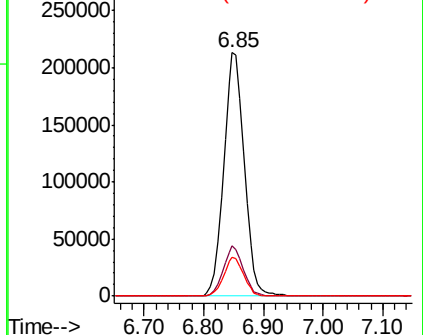
88 15.8 0.0 31.6

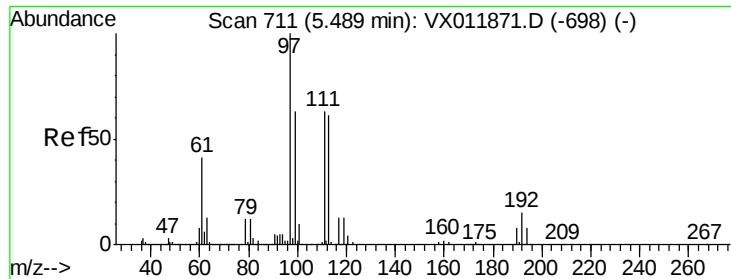


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.503 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

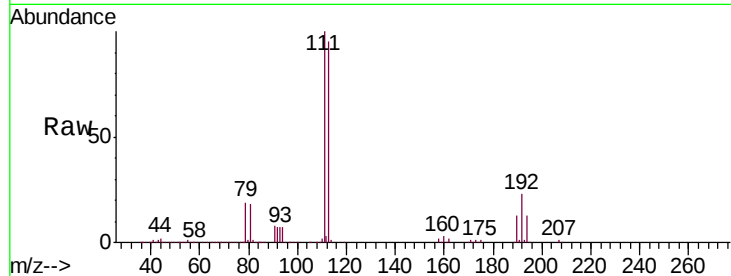
Tot Ion:113 Resp: 138199

Ion Ratio Lower Upper

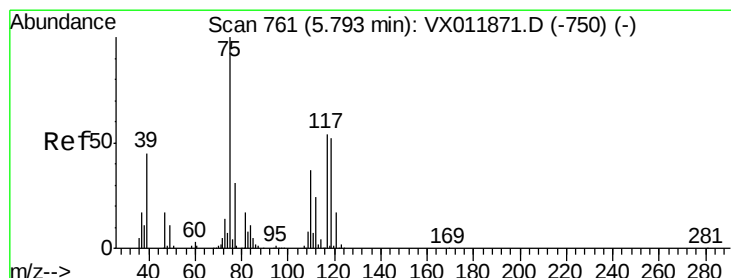
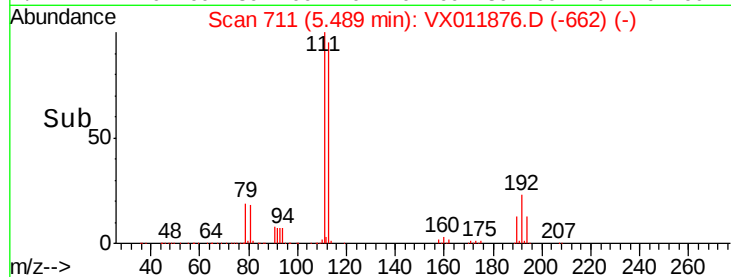
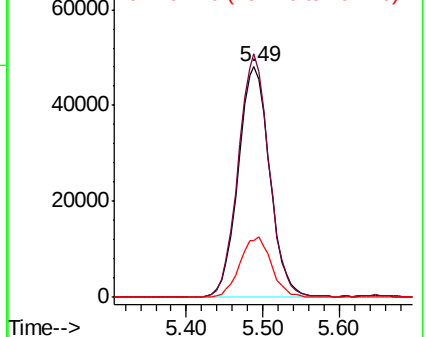
113 100

111 103.0 80.9 121.3

192 26.1 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.598 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

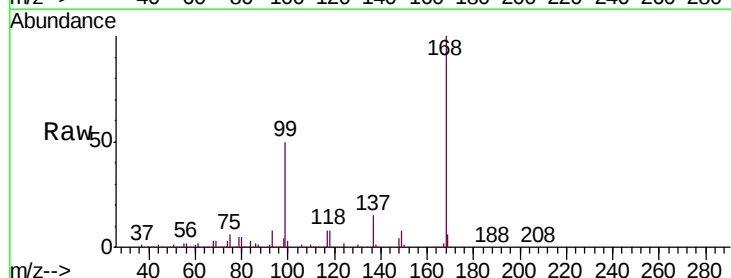
Tgt Ion: 75 Resp: 23532

Ion Ratio Lower Upper

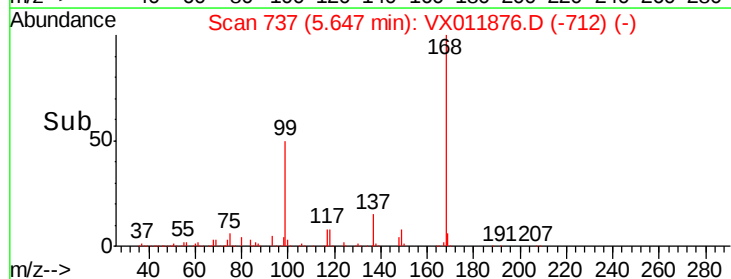
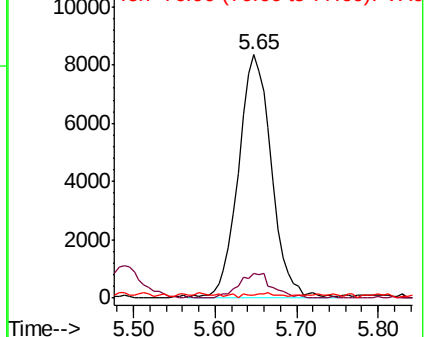
75 100

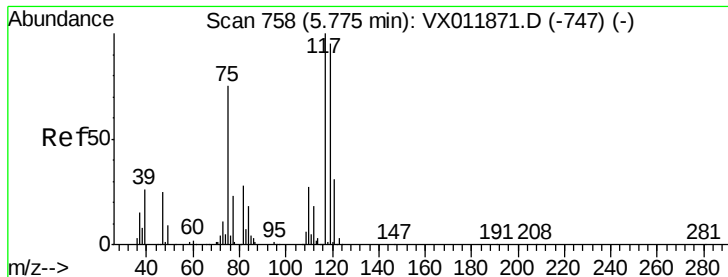
110 10.5 18.5 55.5#

77 0.6 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.728 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

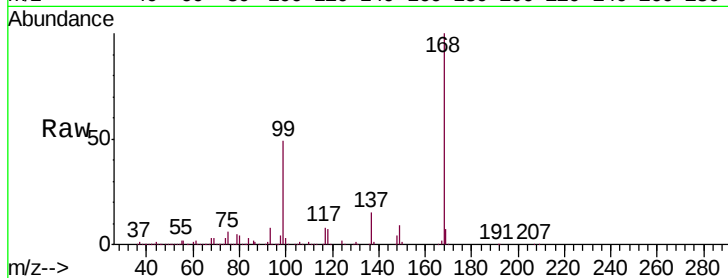
Tot Ion:117 Resp: 31652

Ion Ratio Lower Upper

117 100

119 5.3 75.7 113.5#

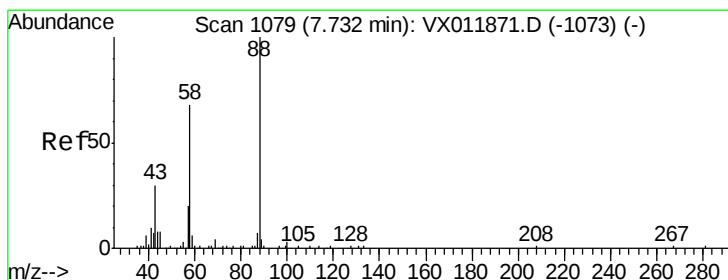
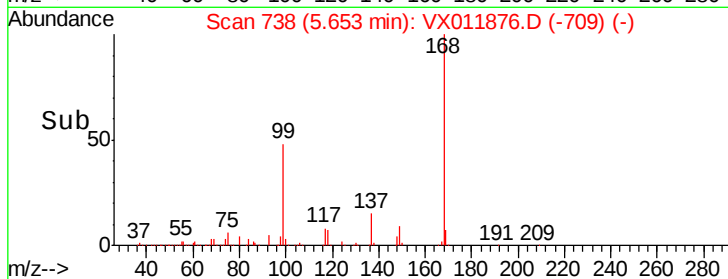
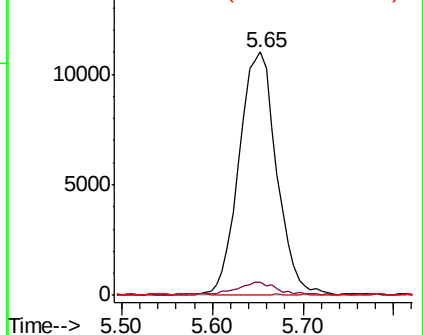
121 0.0 25.1 37.7#



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



#49

1,4-Dioxane

Concen: 65.788 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.02 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

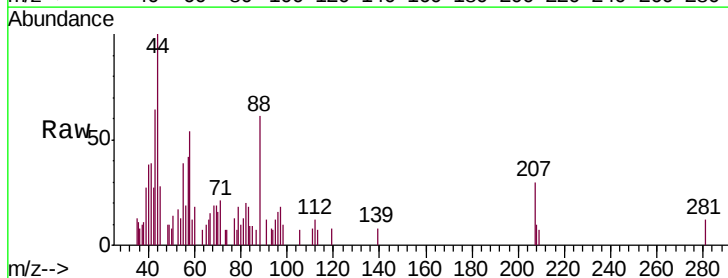
Tgt Ion: 88 Resp: 1231

Ion Ratio Lower Upper

88 100

43 19.2 33.2 49.8#

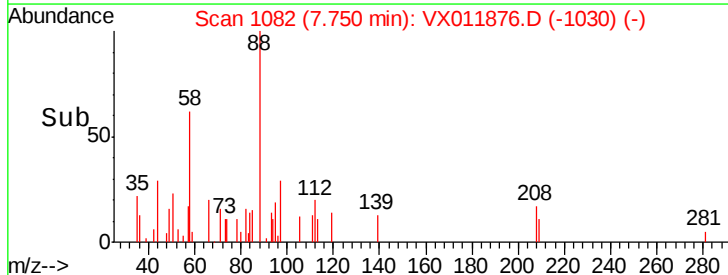
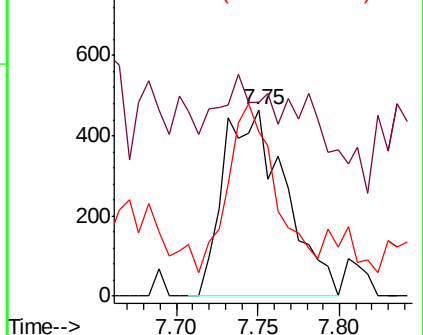
58 69.5 58.2 87.4

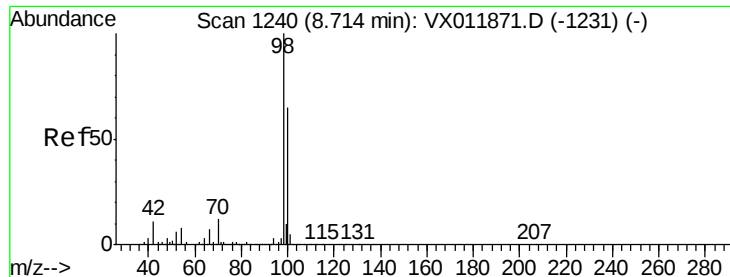


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.104 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

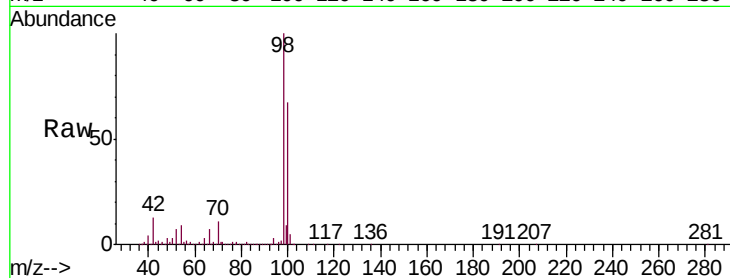
ClientSampleId :

Tot Ion: 98 Resp: 544514

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

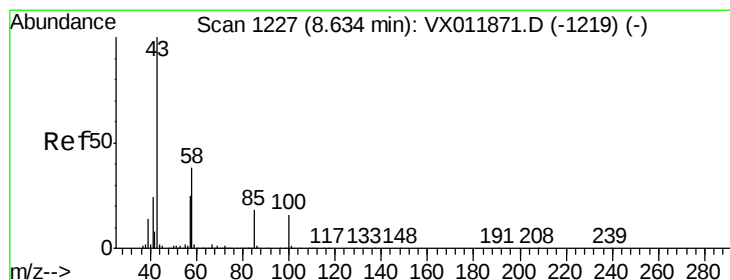
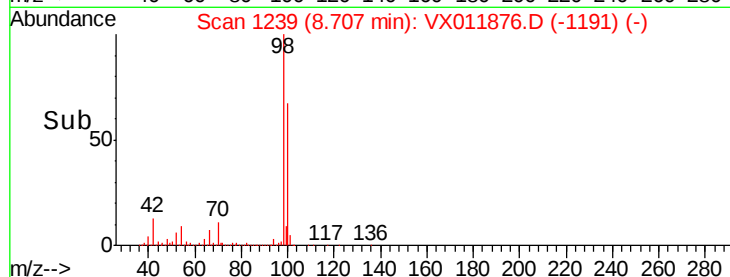
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 19.954 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VX011876.D

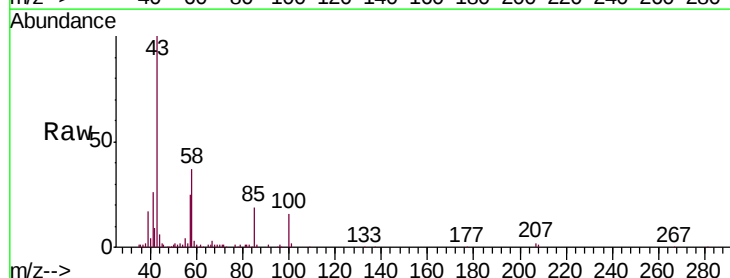
Acq: 28 Aug 2019 18:50

Tgt Ion: 43 Resp: 27911

Ion Ratio Lower Upper

43 100

58 39.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

20000

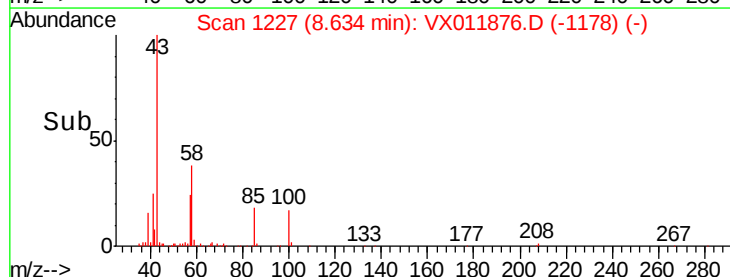
15000

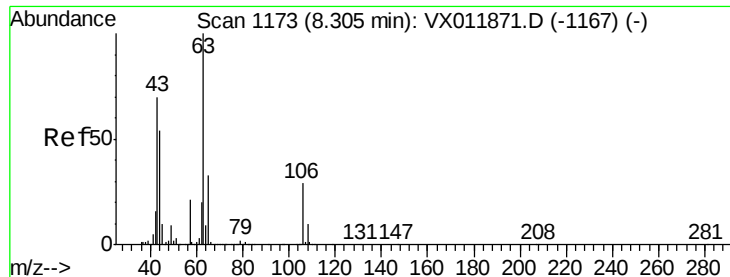
10000

5000

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 26.772 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

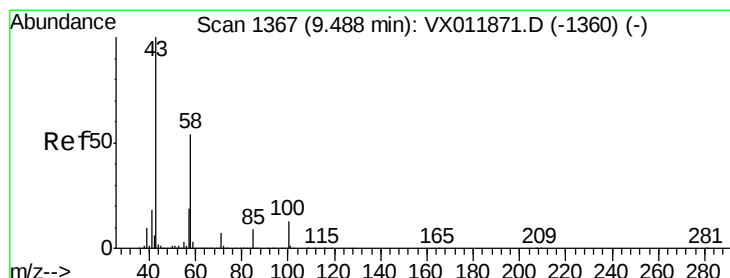
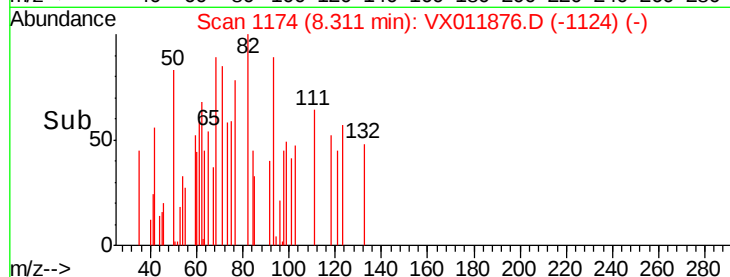
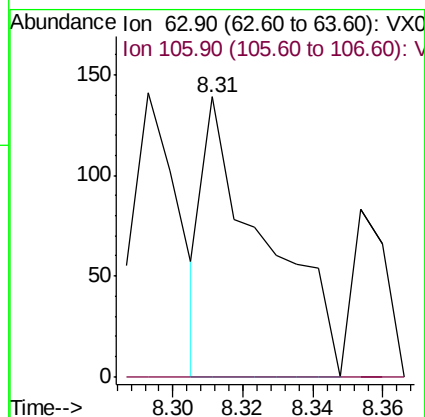
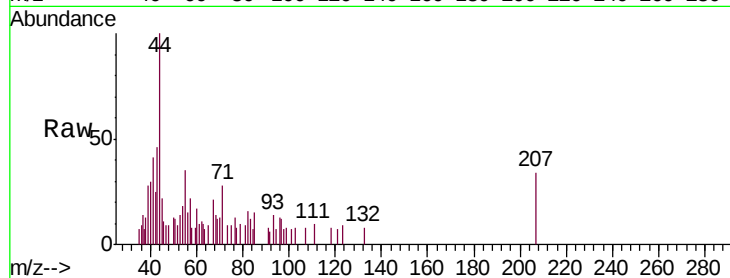
ClientSampleId :

Tot Ion: 63 Resp: 169

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



#59

2-Hexanone

Concen: 28.715 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011876.D

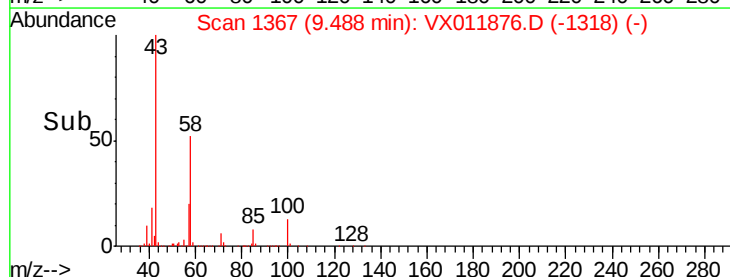
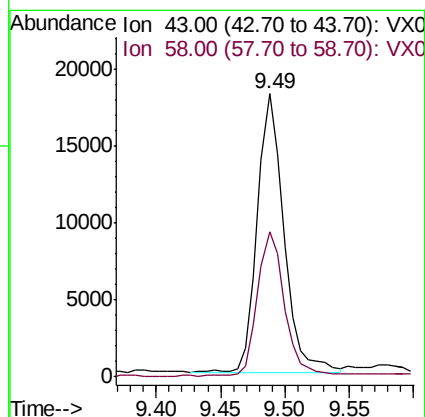
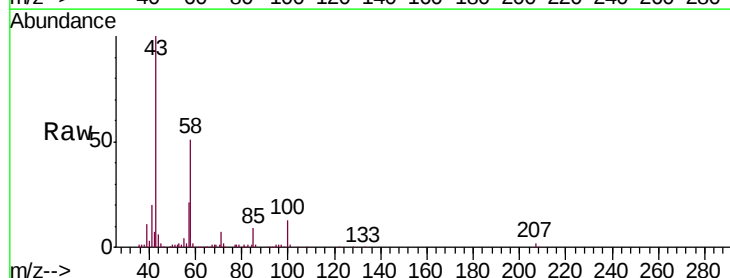
Acq: 28 Aug 2019 18:50

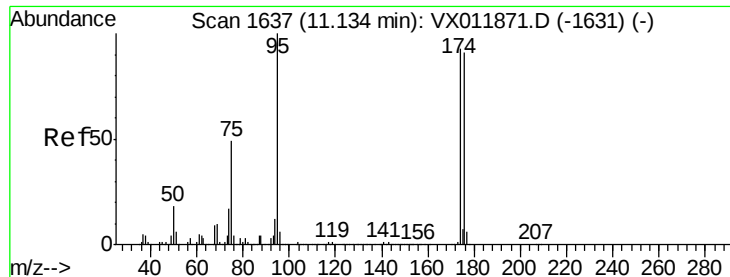
Tgt Ion: 43 Resp: 25668

Ion Ratio Lower Upper

43 100

58 54.7 26.7 80.1





#62

4-Bromofluorobenzene

Concen: 45.832 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

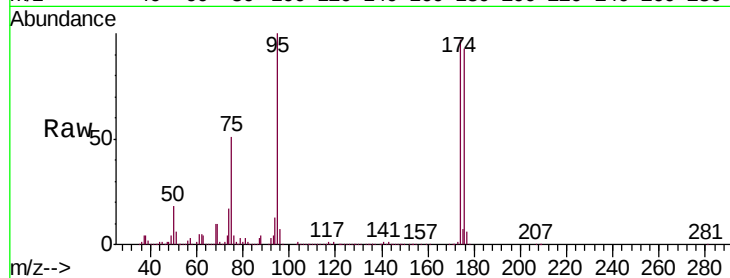
Tot Ion: 95 Resp: 211346

Ion Ratio Lower Upper

95 100

174 94.7 0.0 189.2

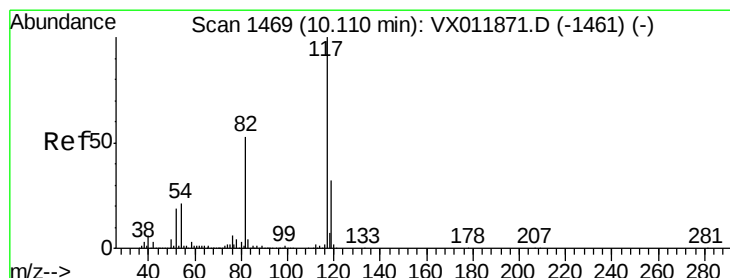
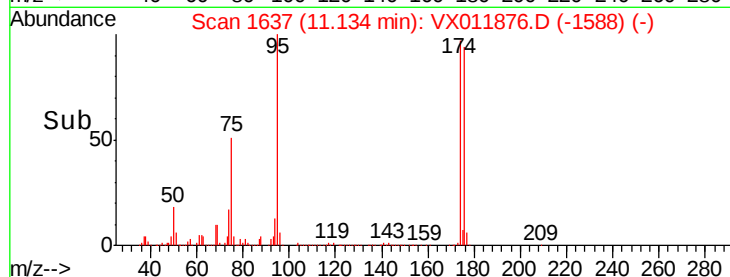
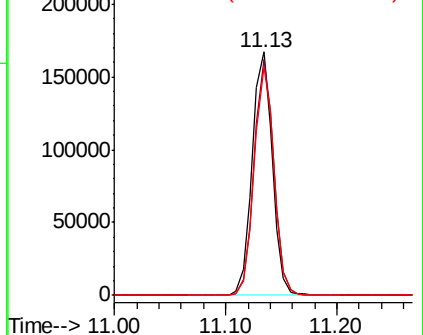
176 92.4 0.0 185.6



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: VX011876.D

Acq: 28 Aug 2019 18:50

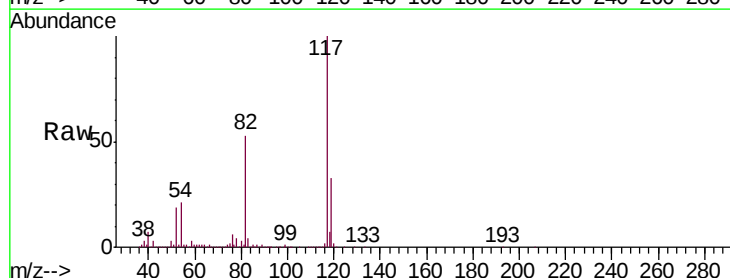
Tgt Ion: 117 Resp: 461611

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

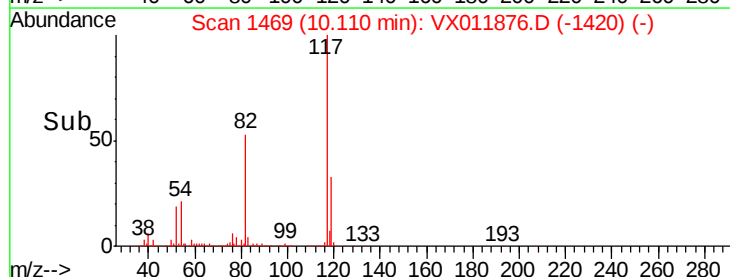
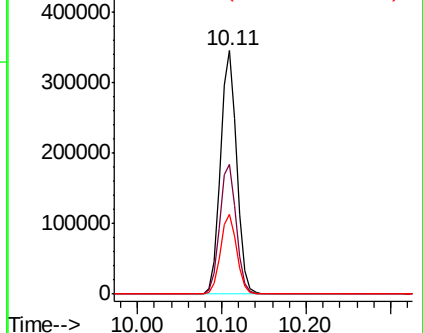
119 33.0 25.5 38.3

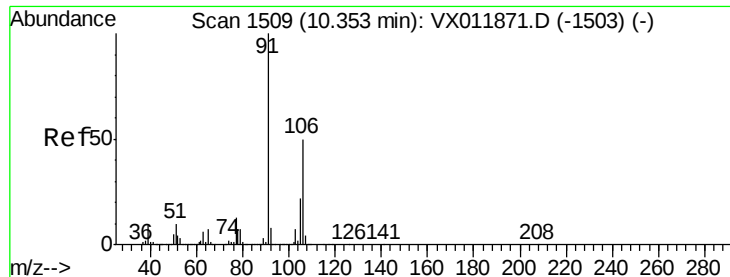


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xvlenes

Concen: 1.205 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

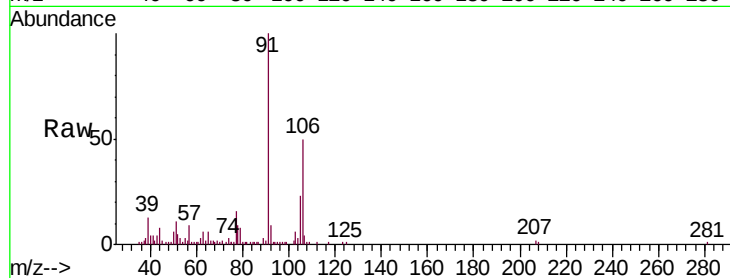
ClientSampled :

Tot Ion:106 Resp: 6737

Ion Ratio Lower Upper

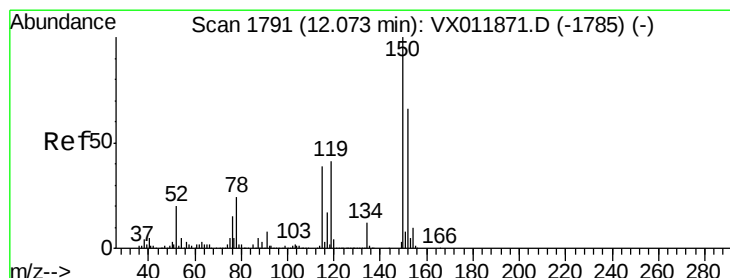
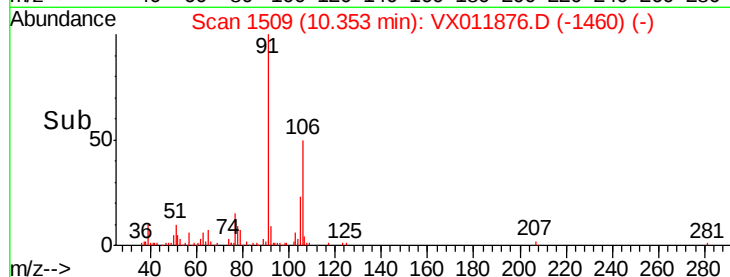
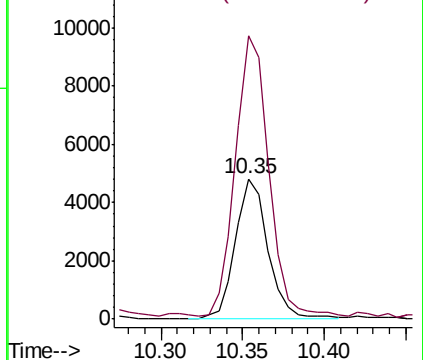
106 100

91 204.1 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

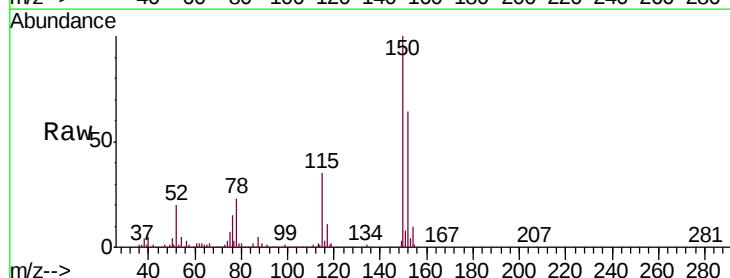
Tgt Ion:152 Resp: 250010

Ion Ratio Lower Upper

152 100

115 55.0 36.0 108.1

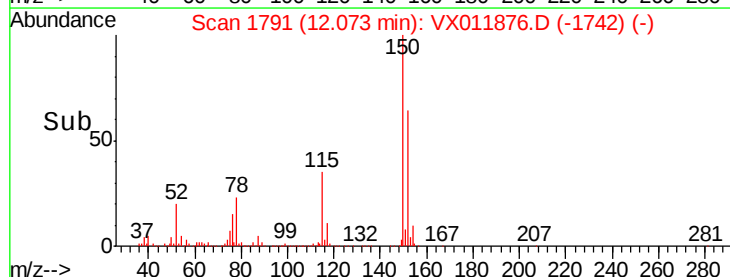
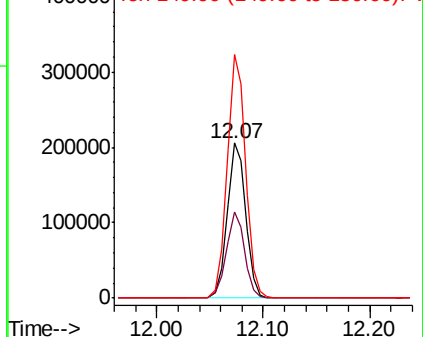
150 156.5 0.0 341.4

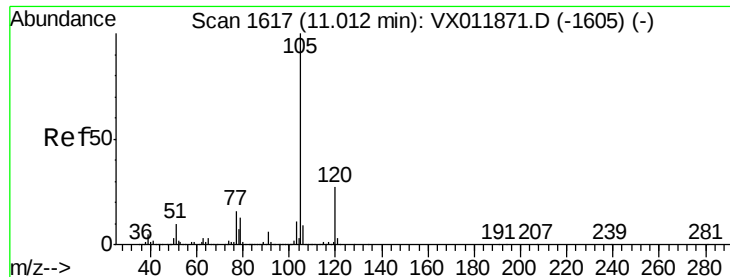


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.344 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

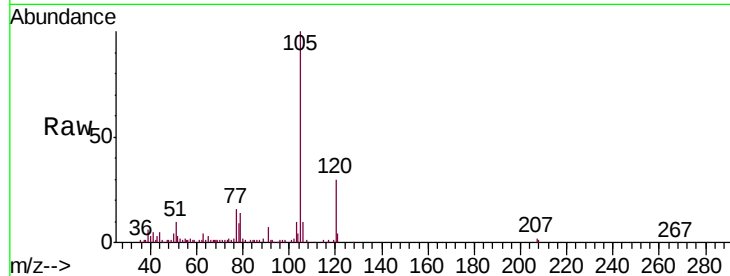
ClientSampleId :

Tot Ion: 105 Resp: 19403

Ion Ratio Lower Upper

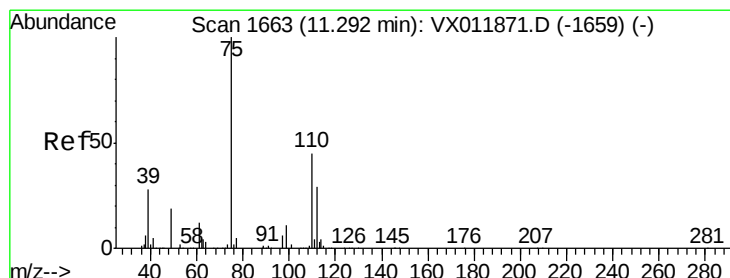
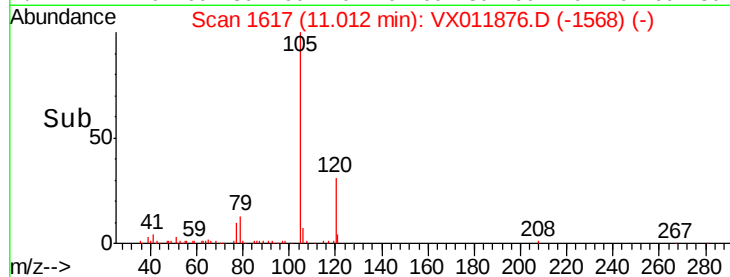
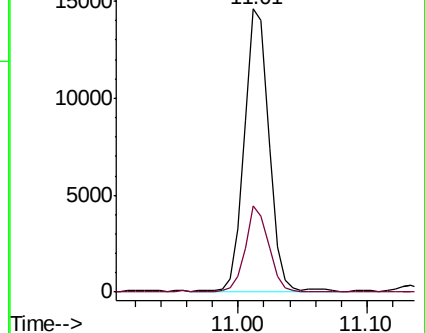
105 100

120 28.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 55.033 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011876.D

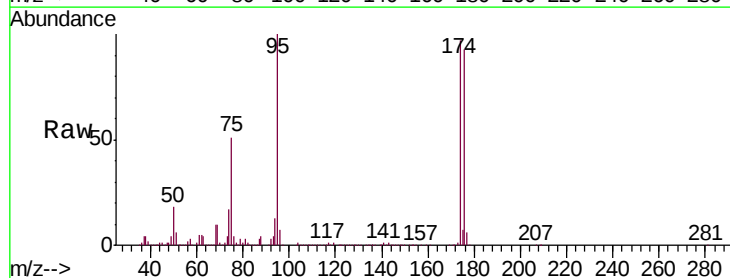
Acq: 28 Aug 2019 18:50

Tgt Ion: 75 Resp: 105678

Ion Ratio Lower Upper

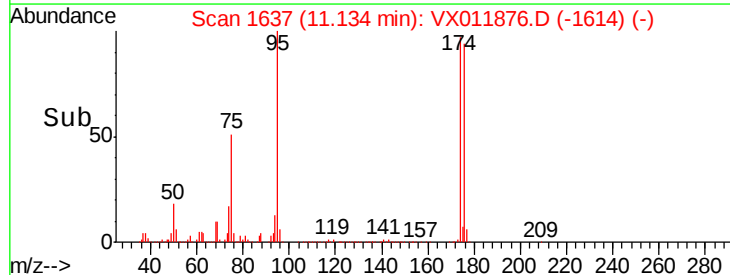
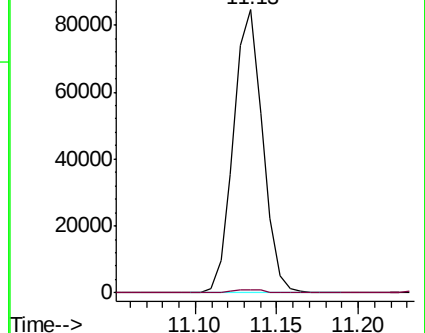
75 100

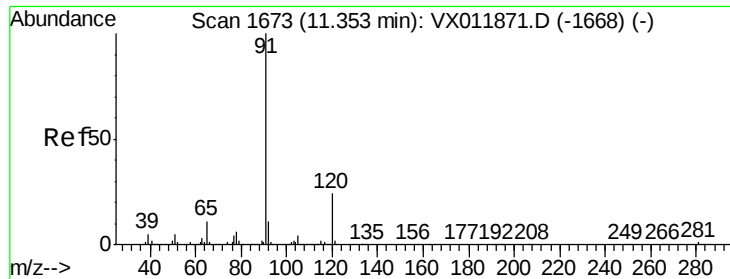
77 1.2 19.5 58.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.771 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

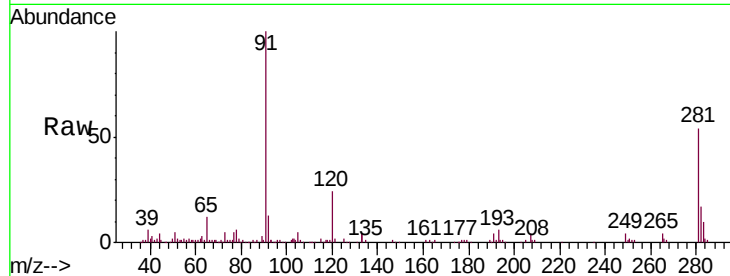
ClientSampleId :

Tot Ion: 91 Resp: 28131

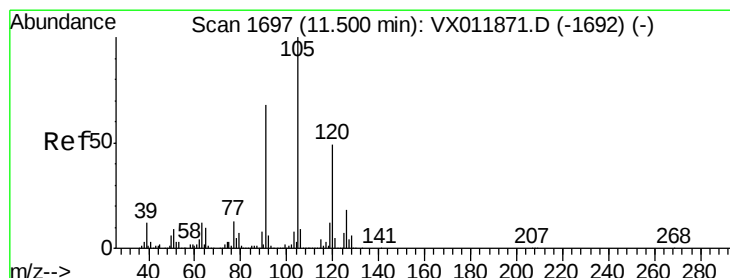
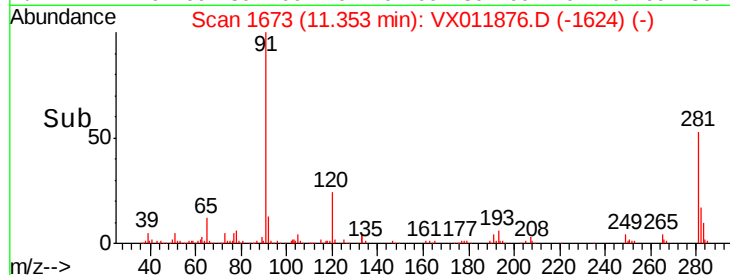
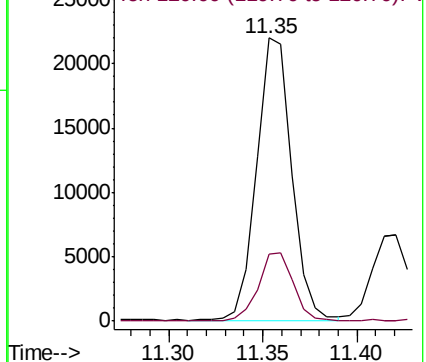
Ion Ratio Lower Upper

91 100

120 24.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX011871.D (-1668) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.475 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VX011876.D

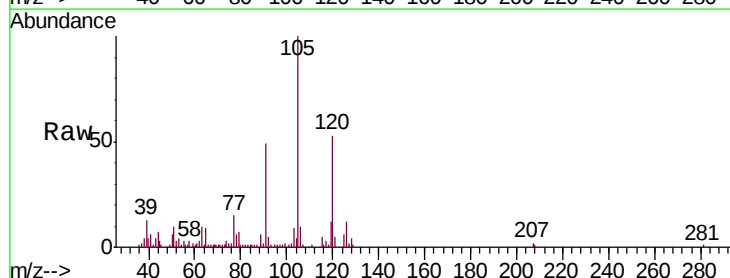
Acq: 28 Aug 2019 18:50

Tgt Ion: 105 Resp: 17867

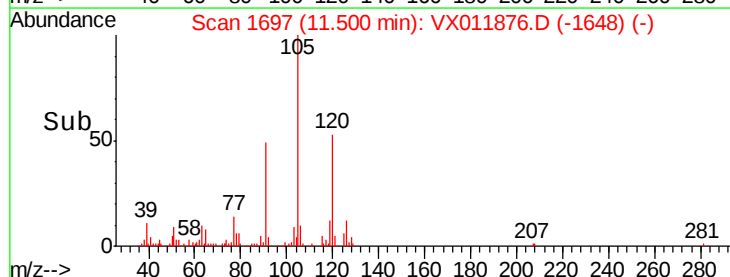
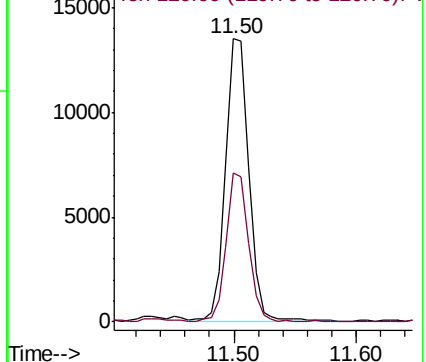
Ion Ratio Lower Upper

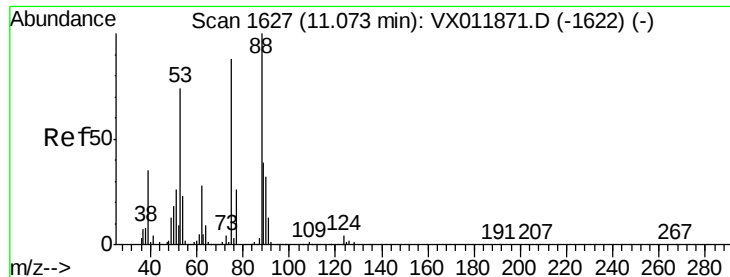
105 100

120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX011871.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 202.573 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

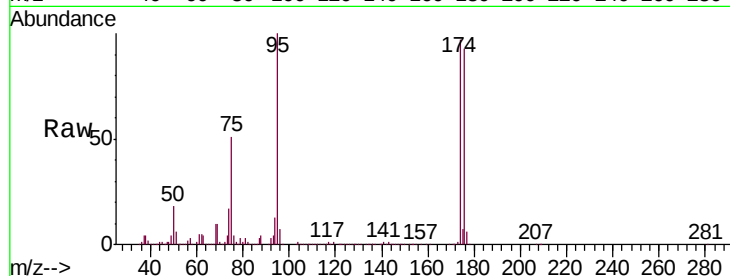
Tot Ion: 75 Resp: 105678

Ion Ratio Lower Upper

75 100

53 0.1 73.3 109.9#

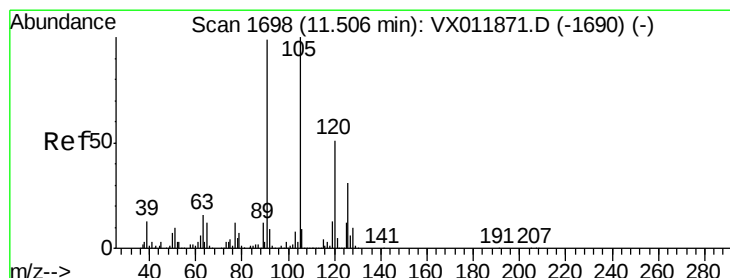
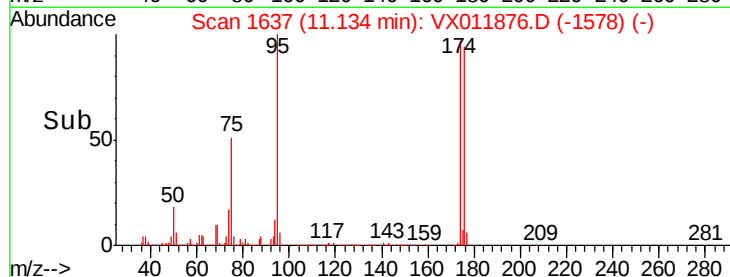
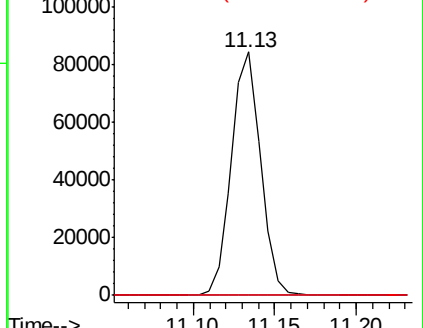
89 0.0 37.4 56.0#



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: 1.139 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011876.D

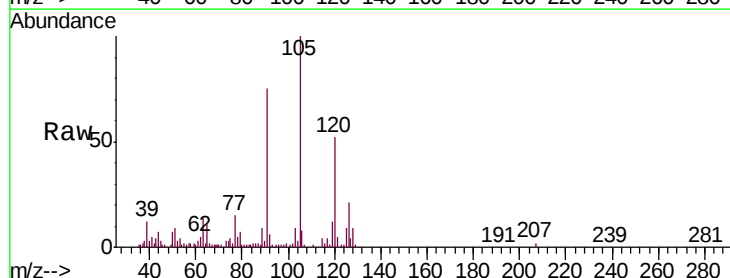
Acq: 28 Aug 2019 18:50

Tgt Ion: 91 Resp: 13144

Ion Ratio Lower Upper

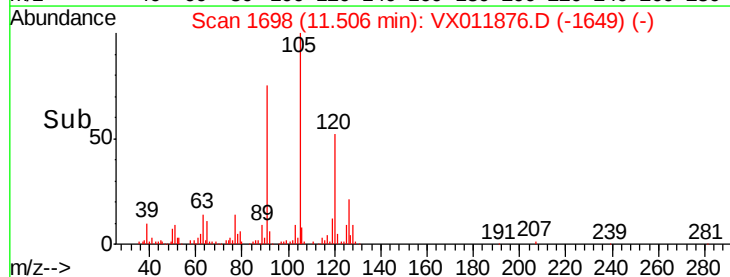
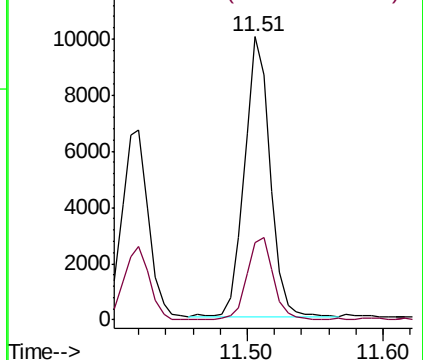
91 100

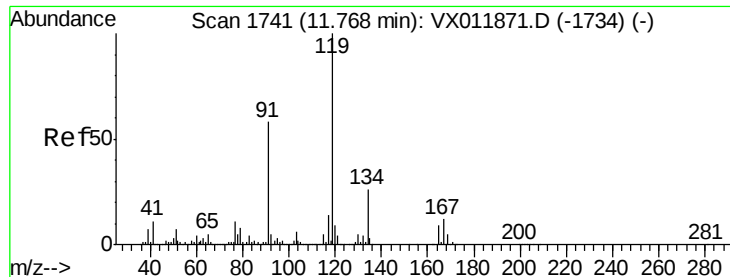
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

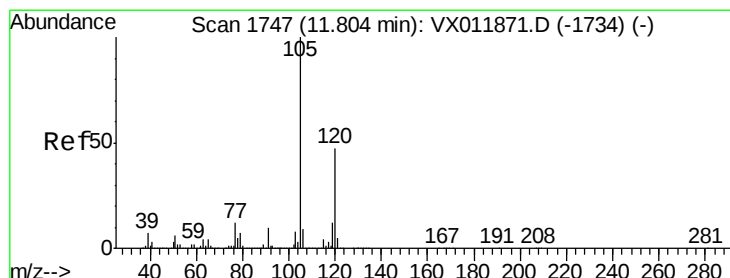
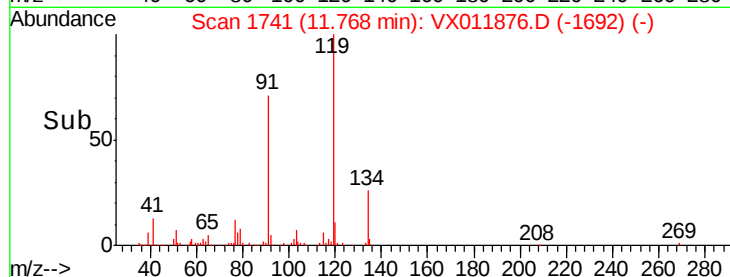
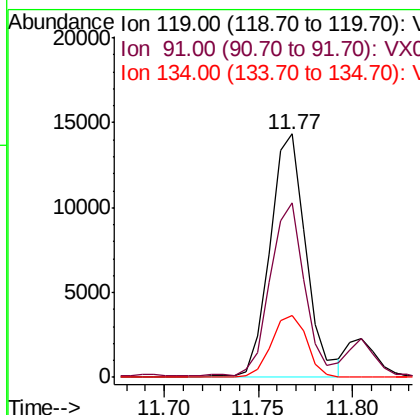
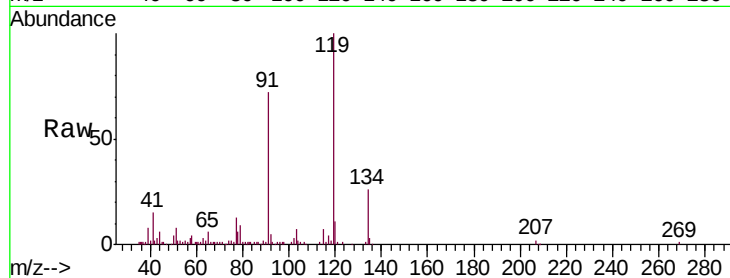




#83
 tert-Butylbenzene
 Concen: 1.685 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011876.D
 Acq: 28 Aug 2019 18:50

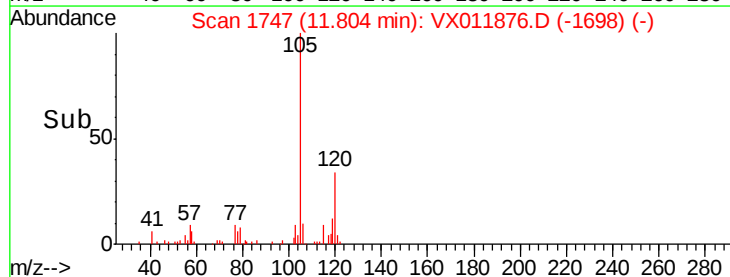
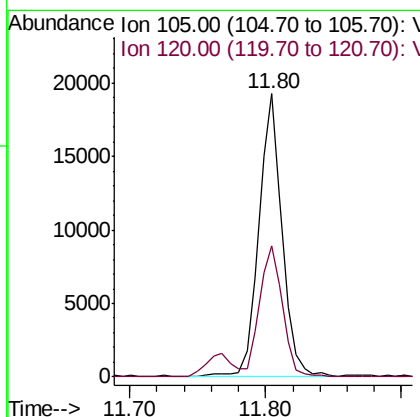
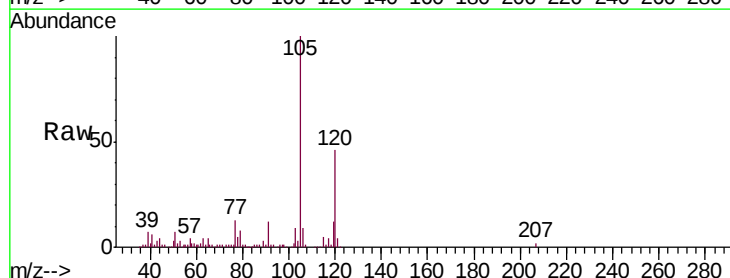
Instrument :
 MSVOA_X
 ClientSampleId :

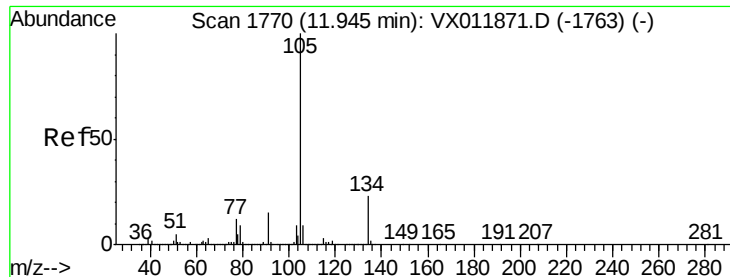
Tot Ion:119 Resp: 18962
 Ion Ratio Lower Upper
 119 100
 91 67.1 28.6 85.8
 134 25.3 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 2.025 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011876.D
 Acq: 28 Aug 2019 18:50

Tgt Ion:105 Resp: 23267
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 2.315 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

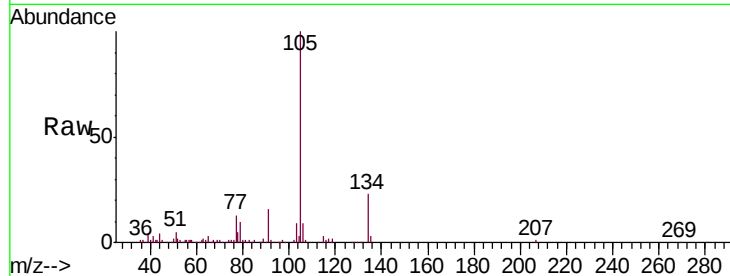
ClientSampled :

Tot Ion:105 Resp: 30276

Ion Ratio Lower Upper

105 100

134 22.8 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

25000

20000

15000

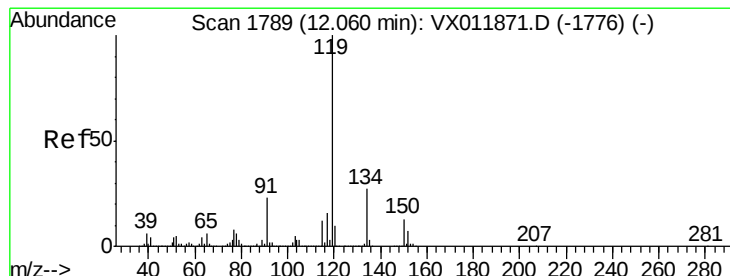
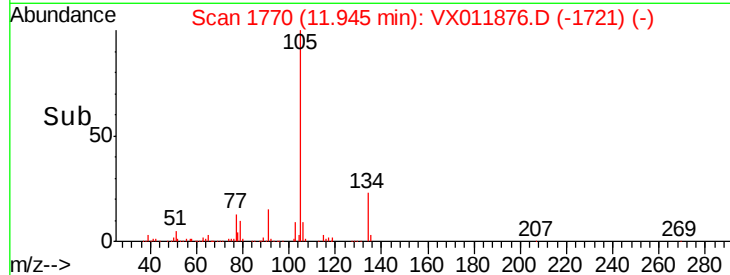
10000

5000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 2.751 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

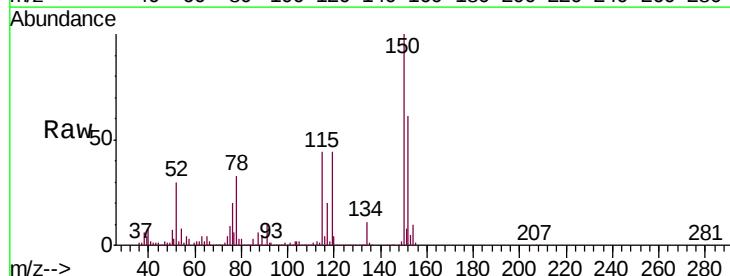
Tgt Ion:119 Resp: 33134

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 24.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

30000

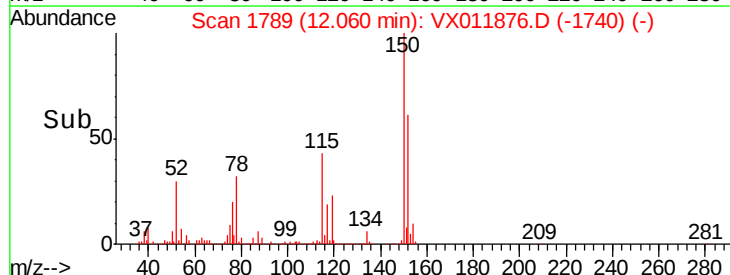
20000

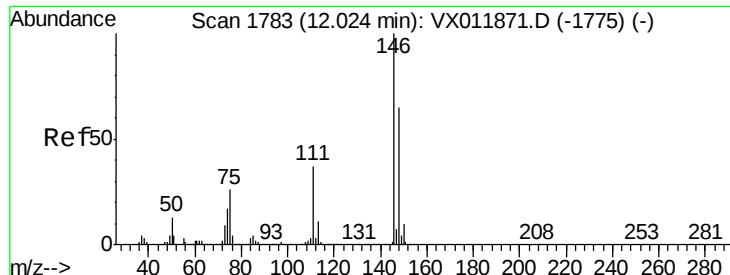
10000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 1.207 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011876.D

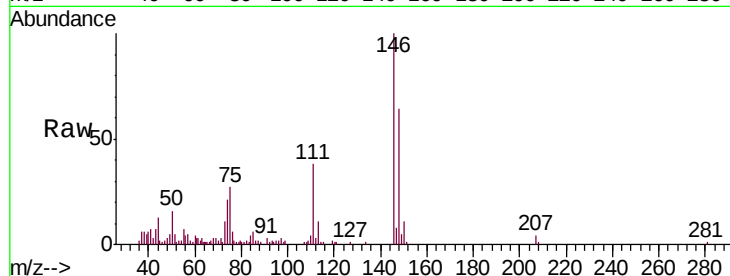
Acq: 28 Aug 2019 18:50

Instrument :

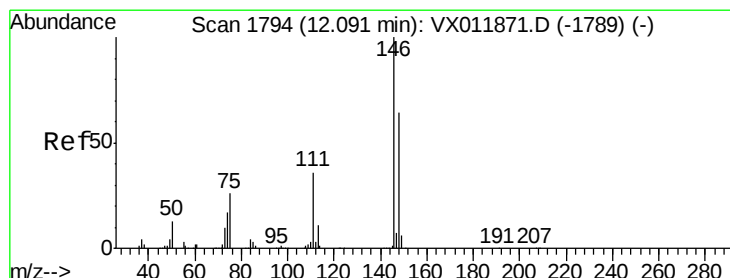
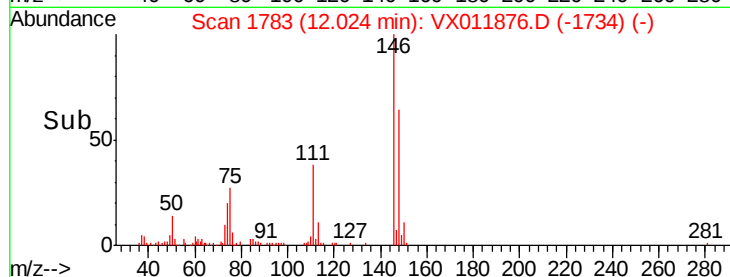
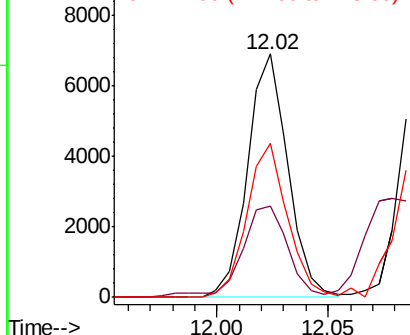
MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	8721
Ion	Ratio	Lower	Upper
146	100		
111	43.0	18.8	56.3
148	63.7	32.0	96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.246 ug/l

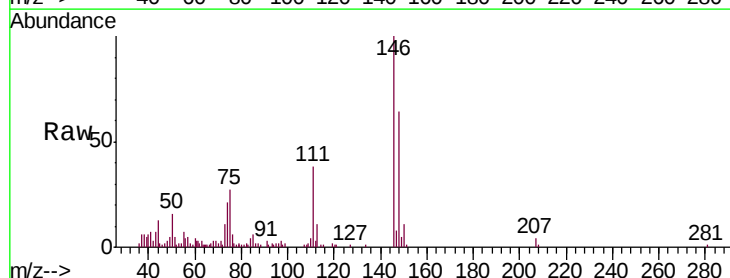
RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

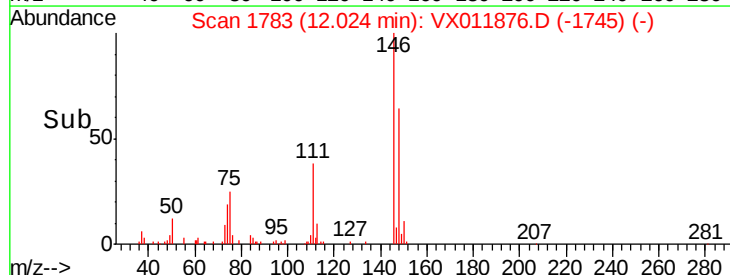
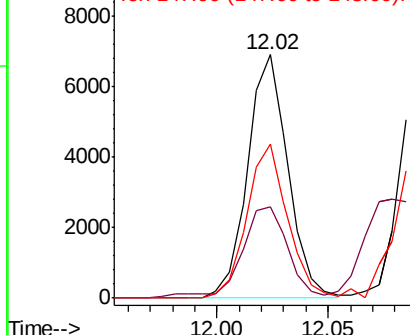
Lab File: VX011876.D

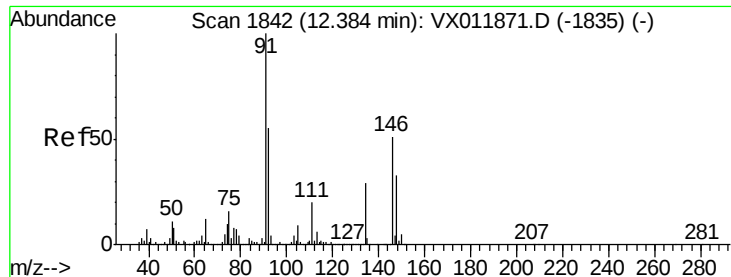
Acq: 28 Aug 2019 18:50

Tgt Ion:	146	Resp:	8721
Ion	Ratio	Lower	Upper
146	100		
111	43.0	18.3	54.8
148	63.7	32.3	96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

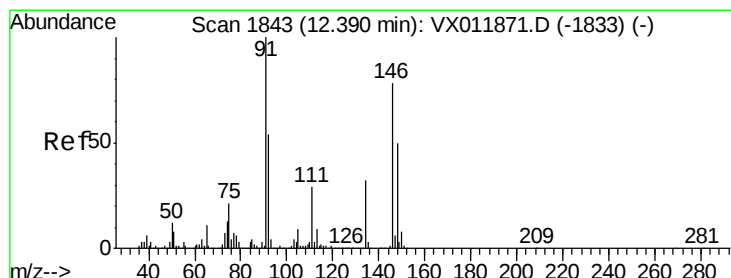
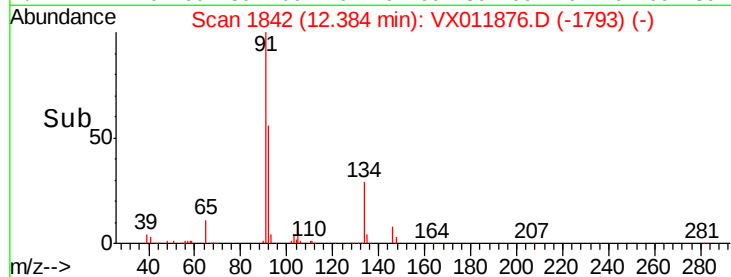
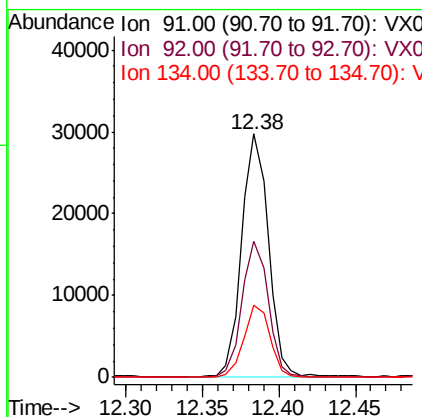
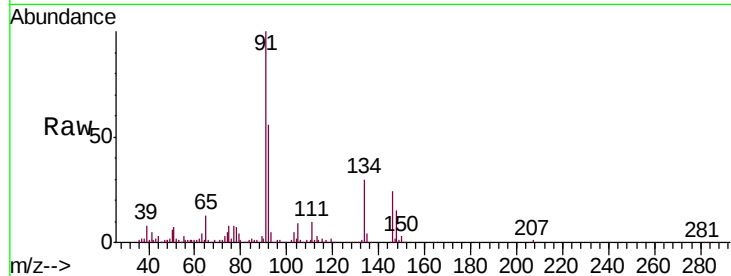




#89
n-Butylbenzene
Concen: 3.602 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

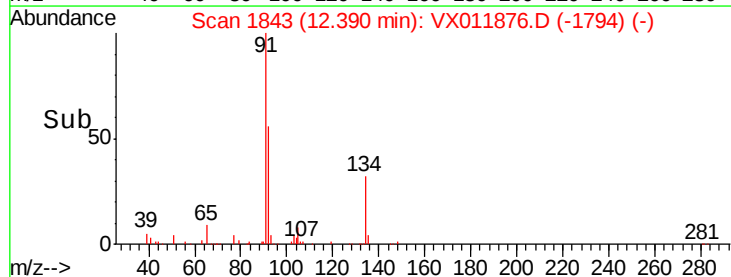
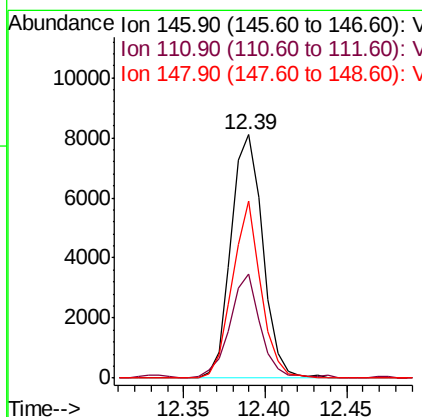
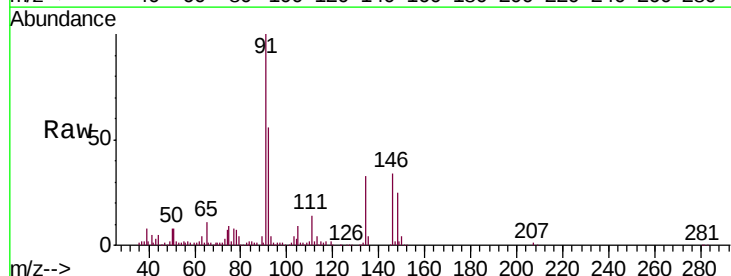
Instrument :
MSVOA_X
ClientSampleId :

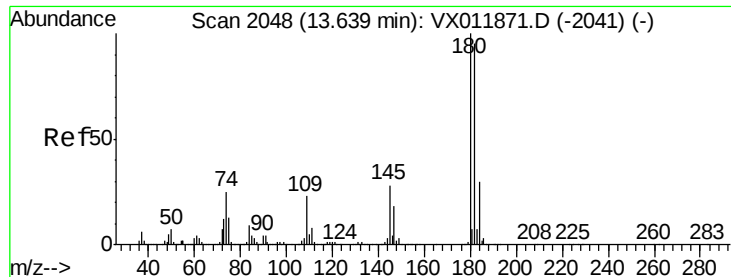
Tot Ion: 91 Resp: 35995
Ion Ratio Lower Upper
91 100
92 55.9 27.6 82.7
134 29.3 14.4 43.4



#91
1,2-Dichlorobenzene
Concen: 1.782 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011876.D
Acq: 28 Aug 2019 18:50

Tgt Ion: 146 Resp: 10994
Ion Ratio Lower Upper
146 100
111 41.4 19.3 57.9
148 65.3 32.0 96.0

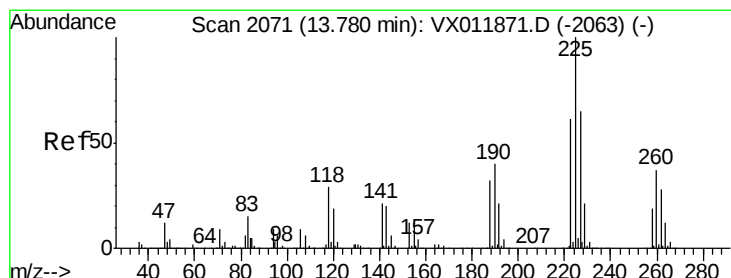
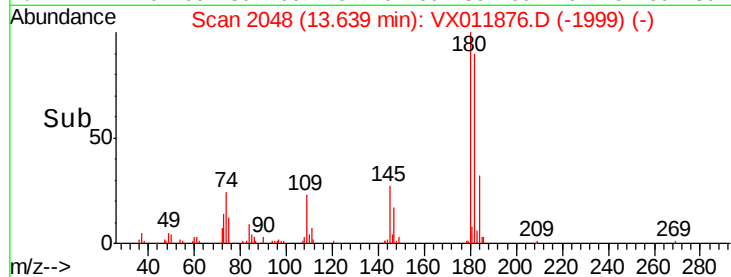
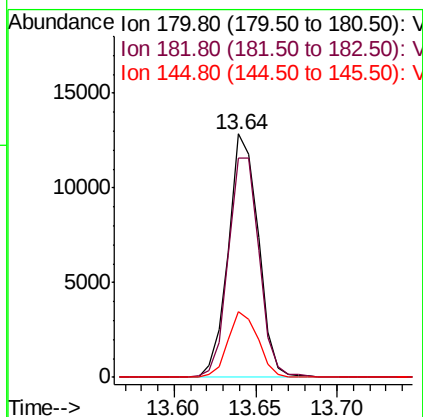
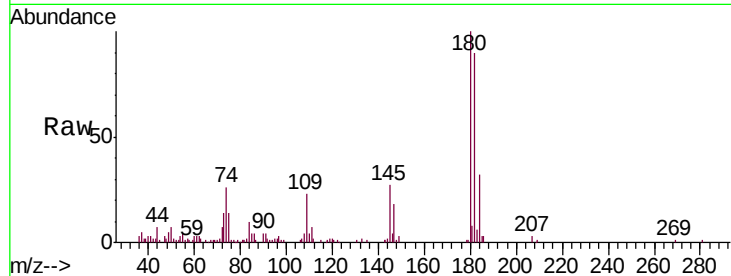




#93
 1,2,4-Trichlorobenzene
 Concen: 3.845 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011876.D
 Acq: 28 Aug 2019 18:50

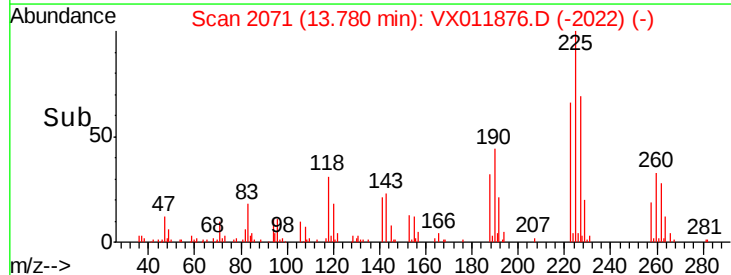
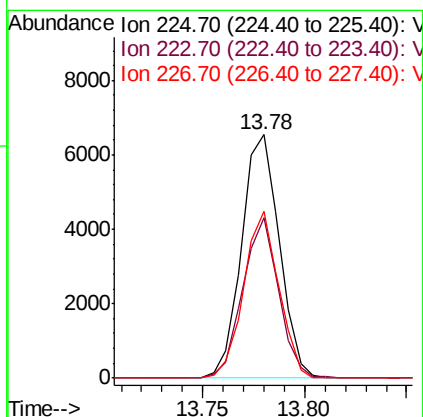
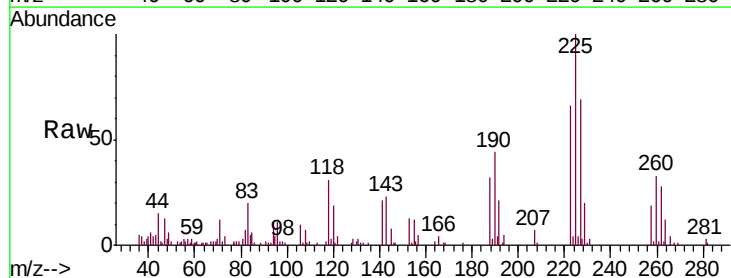
Instrument :
 MSVOA_X
 ClientSampleId :

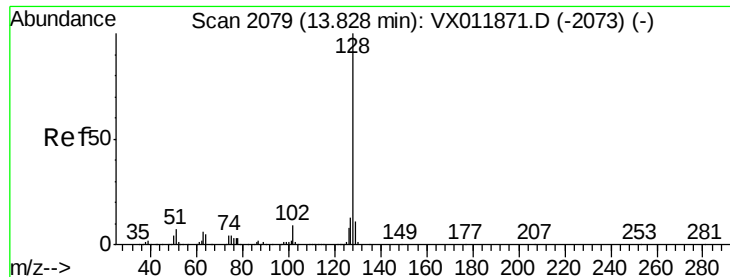
Tot Ion:180 Resp: 16463
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.9 143.7
 145 26.7 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 2.693 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011876.D
 Acq: 28 Aug 2019 18:50

Tgt Ion:225 Resp: 8408
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.8
 227 63.9 32.5 97.5





#95

Naphthalene

Concen: 6.626 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

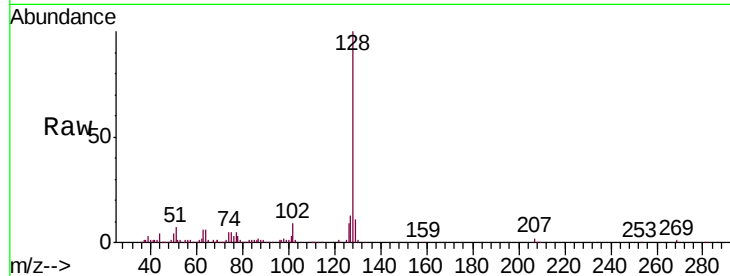
Tot Ion:128 Resp: 34114

Ion Ratio Lower Upper

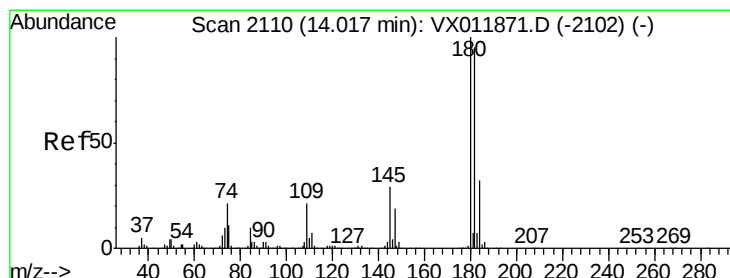
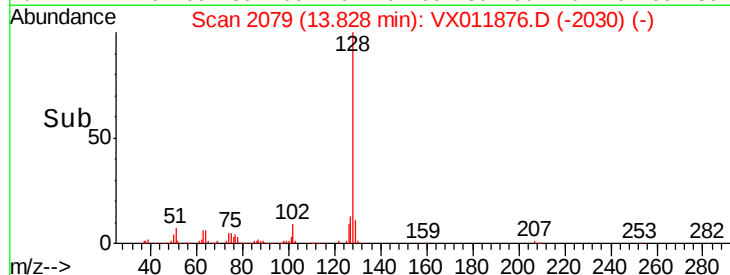
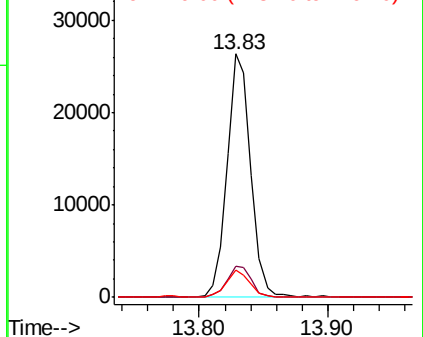
128 100

127 13.7 10.4 15.6

129 11.4 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.438 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011876.D

Acq: 28 Aug 2019 18:50

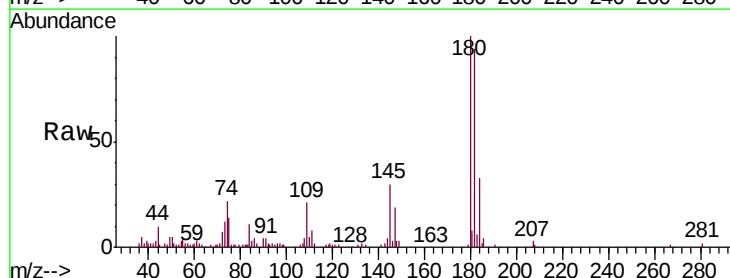
Tgt Ion:180 Resp: 15419

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 32.1 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

