

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012850.D
 Acq On : 07 Oct 2019 19:54
 Operator : JC/SP
 Sample : K5215-11MEDL 20X
 Misc : 5.08g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13933MEDL

Quant Time: Oct 08 11:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106214	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	117967	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
35) Dibromofluoromethane	5.49	113	89938	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
50) Toluene-d8	8.71	98	356459	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	128807	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	218	0.239	ug/l #	76
6) Chloroethane	1.65	64	1895	1.210	ug/l #	84
11) Tert butyl alcohol	3.01	59	3932	5.972	ug/l #	72
13) Acrolein	2.25	56	48	10.358	ug/l #	15
16) Acetone	2.43	43	307884	220.554	ug/l	97
18) Methyl Acetate	2.76	43	699	0.213	ug/l #	70
20) Methylene Chloride	2.86	84	1032	0.437	ug/l #	70
31) Cyclohexane	5.59	56	1986	0.541	ug/l #	49
36) 1,1-Dichloropropene	5.65	75	13916	4.753	ug/l #	52
38) Carbon Tetrachloride	5.64	117	19223	6.463	ug/l #	16
39) Methylcyclohexane	7.46	83	2692	0.764	ug/l #	90
43) Isopropyl Acetate	6.28	43	2099	0.367	ug/l #	62
52) Toluene	8.78	92	130919	24.180	ug/l	100
53) t-1,3-Dichloropropene	8.78	75	1627	0.490	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2100	0.976	ug/l #	19
59) 2-Hexanone	9.44	43	2058	0.761	ug/l #	26
67) Ethyl Benzene	10.25	91	14350	1.448	ug/l	98
68) m/p-Xylenes	10.36	106	21282	5.734	ug/l	99
69) o-Xylene	10.70	106	10899	3.035	ug/l	93
73) Isopropylbenzene	11.01	105	6865	0.794	ug/l	93
74) N-amyl acetate	10.91	43	2962	0.718	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1091	0.381	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	63291	22.527	ug/l #	39
78) n-propylbenzene	11.35	91	24778	2.544	ug/l	98
79) 2-Chlorotoluene	11.43	91	12266	2.019	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	29083	4.009	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	63291	64.556	ug/l #	9
82) 4-Chlorotoluene	11.50	91	3942	0.569	ug/l #	50
83) tert-Butylbenzene	11.80	119	12572	1.797	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	105009	14.349	ug/l	100
85) sec-Butylbenzene	11.94	105	12740	1.565	ug/l	88
86) p-Isopropyltoluene	12.06	119	6390	0.870	ug/l	93
89) n-Butylbenzene	12.38	91	23600	3.647	ug/l #	52
90) Hexachloroethane	12.58	117	2341	1.788	ug/l #	17

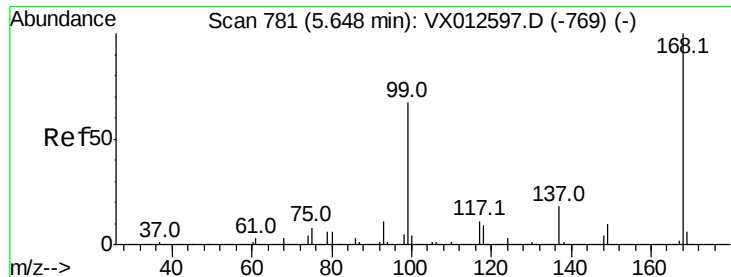
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100719\
Data File : VX012850.D
Acq On : 07 Oct 2019 19:54
Operator : JC/SP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.98	75	201	0.280	ug/l #	4
95) Naphthalene	13.83	128	10287	1.322	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.03	180	666	0.309	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

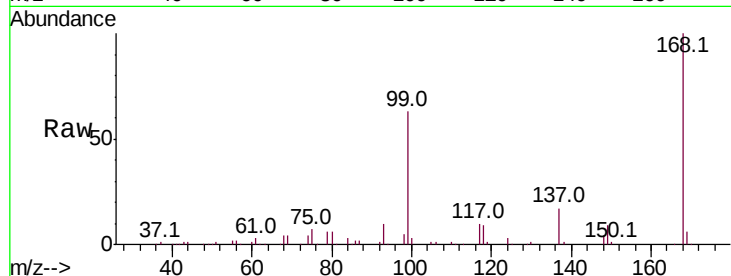
13933MEDL

Tot Ion:168 Resp: 180983

Ion Ratio Lower Upper

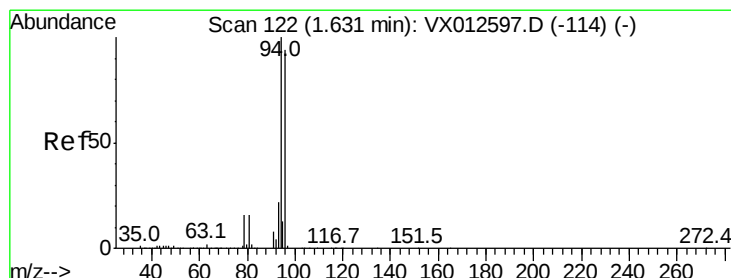
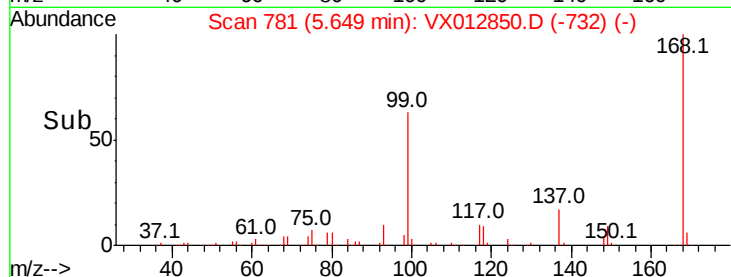
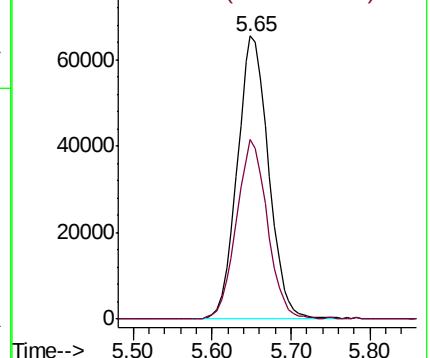
168 100

99 63.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.239 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012850.D

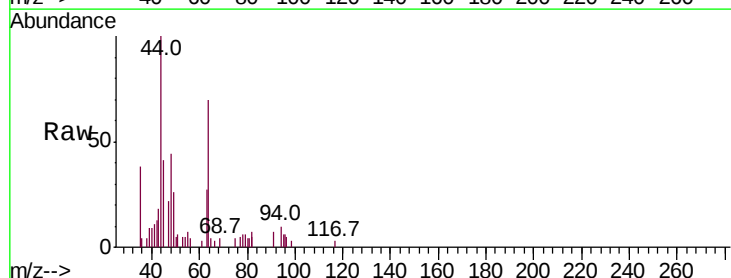
Acq: 07 Oct 2019 19:54

Tgt Ion: 94 Resp: 218

Ion Ratio Lower Upper

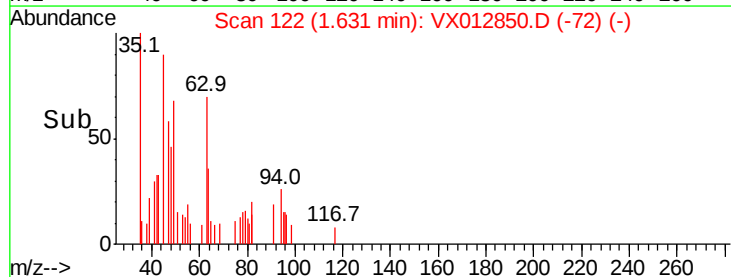
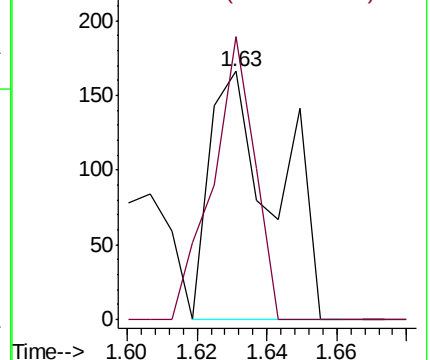
94 100

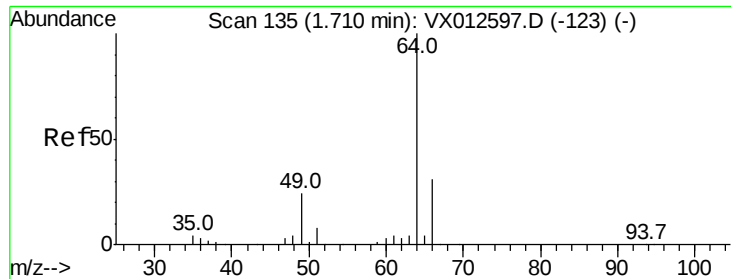
96 113.9 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.210 ug/l

RT: 1.65 min Scan# 125

Delta R.T. -0.06 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

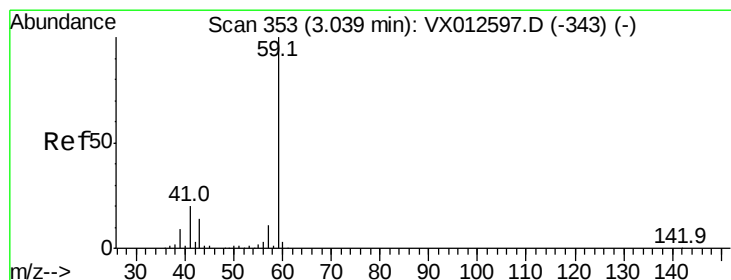
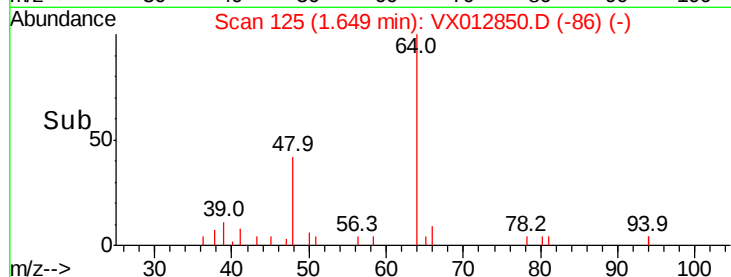
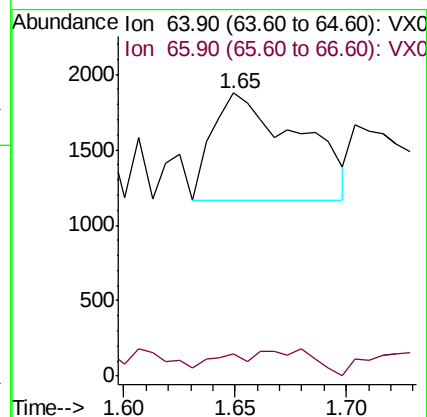
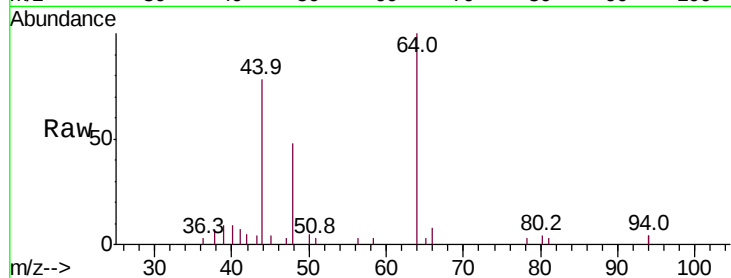
13933MEDL

Tot Ion: 64 Resp: 1895

Ion Ratio Lower Upper

64 100

66 21.2 24.0 36.0#



#11

Tert butyl alcohol

Concen: 5.972 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX012850.D

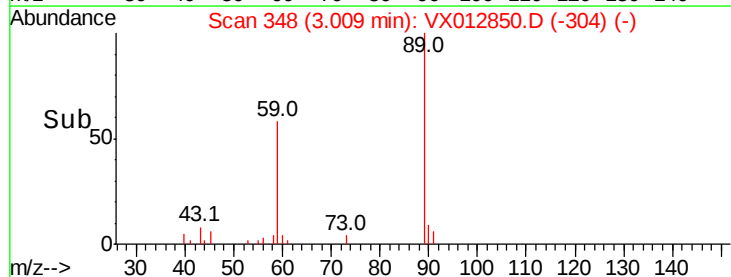
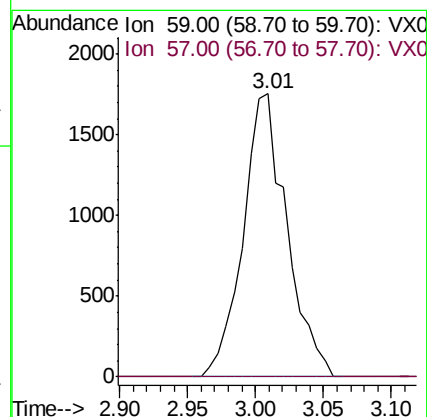
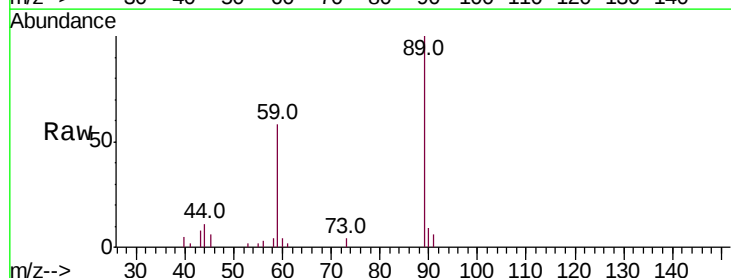
Acq: 07 Oct 2019 19:54

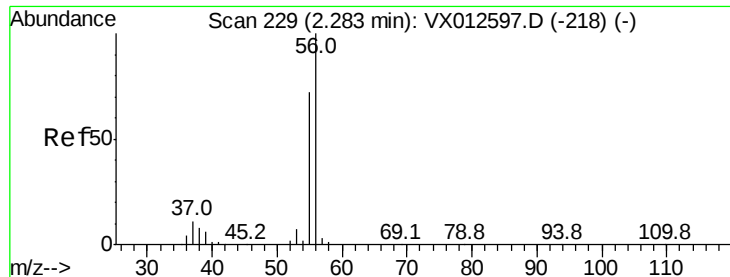
Tgt Ion: 59 Resp: 3932

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#13

Acrolein

Concen: 10.358 ug/l

RT: 2.25 min Scan# 223

Delta R.T. -0.04 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

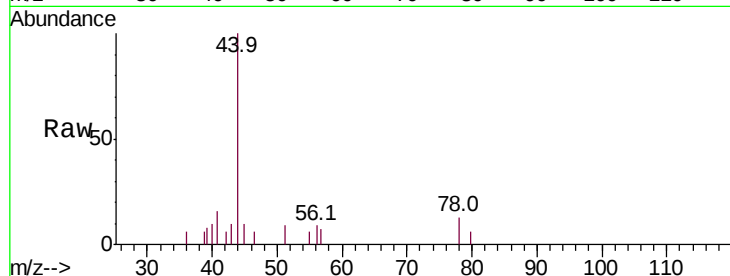
13933MEDL

Tot Ion: 56 Resp: 48

Ion Ratio Lower Upper

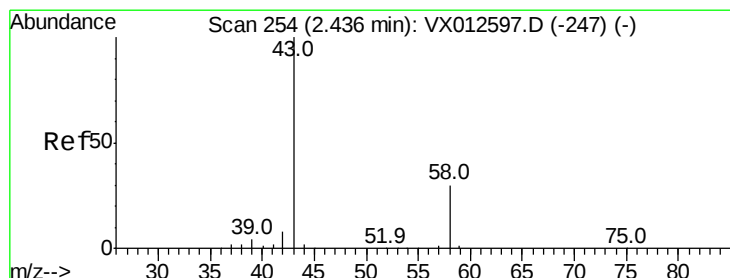
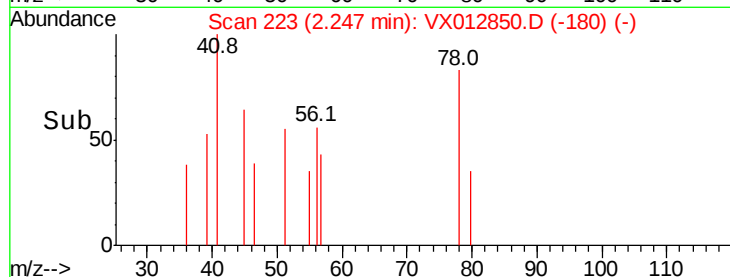
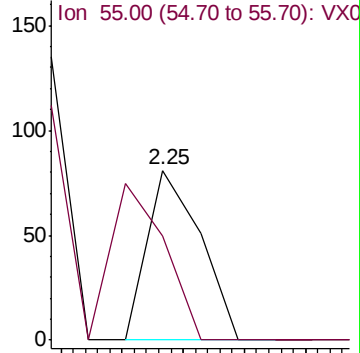
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 220.554 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012850.D

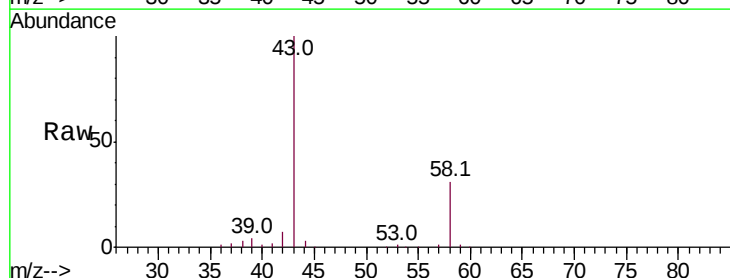
Acq: 07 Oct 2019 19:54

Tgt Ion: 43 Resp: 307884

Ion Ratio Lower Upper

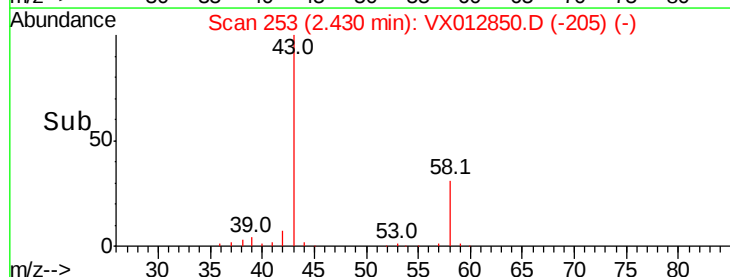
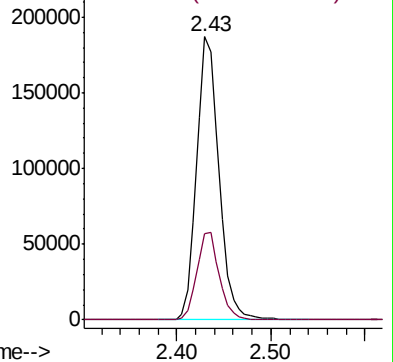
43 100

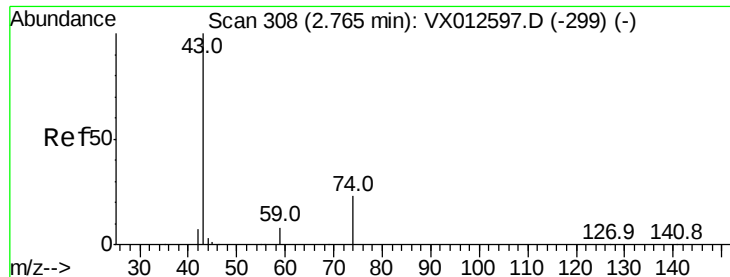
58 30.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

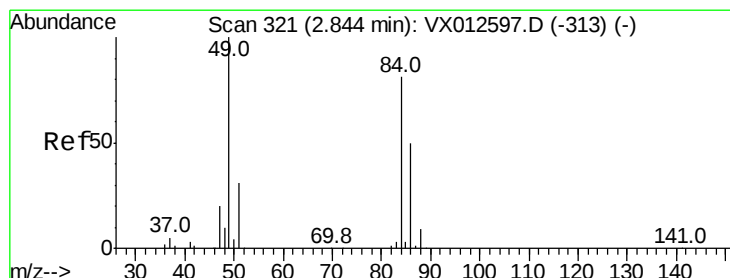
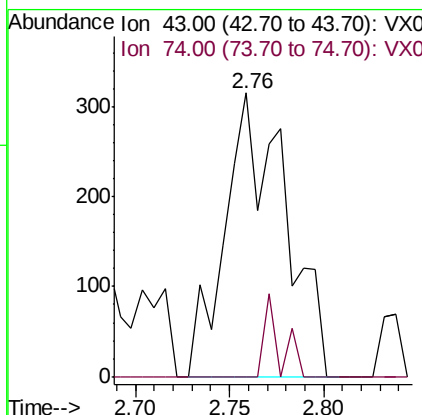
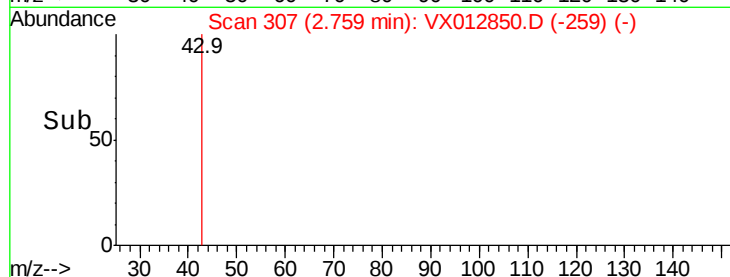
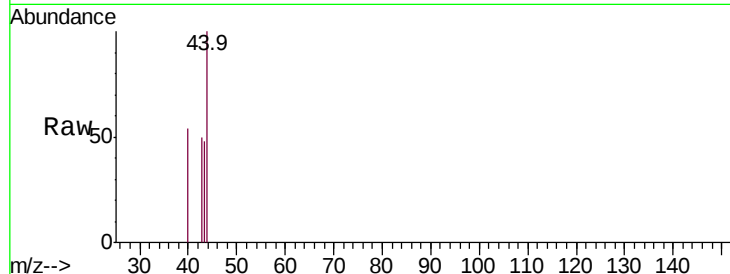




#18
Methvl Acetate
Concen: 0.213 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

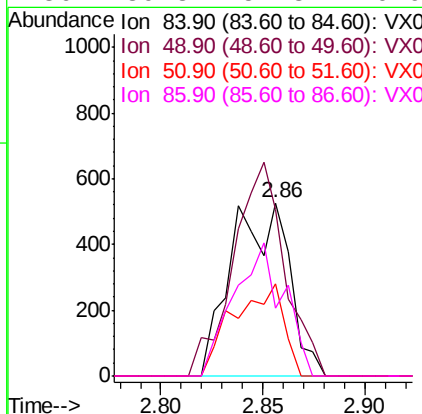
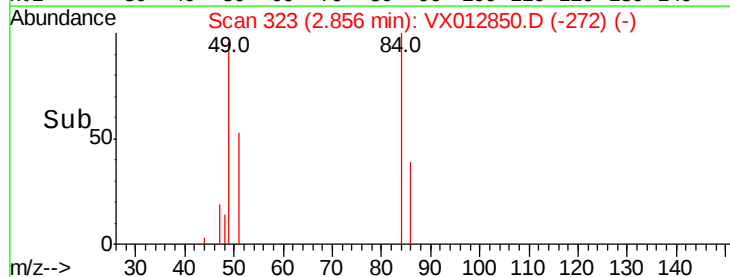
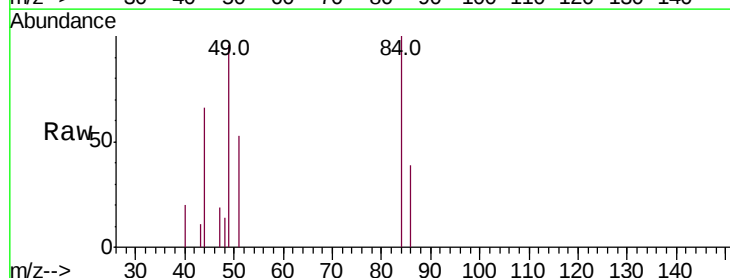
Instrument :
MSVOA_X
ClientSampleId :
13933MEDL

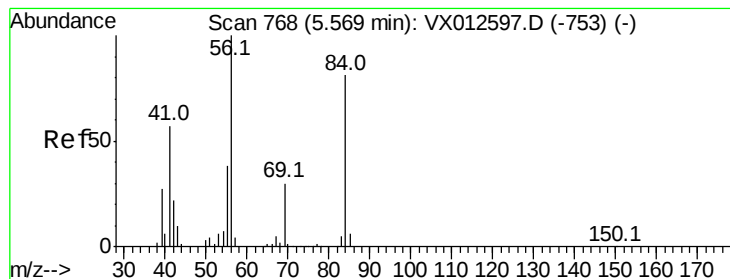
Tot Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
74 7.6 17.7 26.5#



#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
49 95.8 106.8 160.2#
51 52.9 32.3 48.5#
86 39.3 51.3 76.9#





#31

Cyclohexane

Concen: 0.541 ug/l

RT: 5.59 min Scan# 772

Delta R.T. 0.02 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

13933MEDL

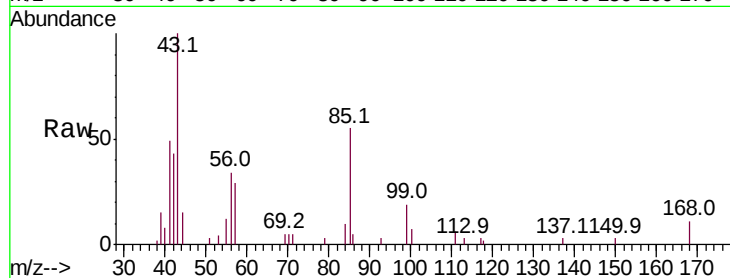
Tot Ion: 56 Resp: 1986

Ion Ratio Lower Upper

56 100

69 13.8 25.0 37.6#

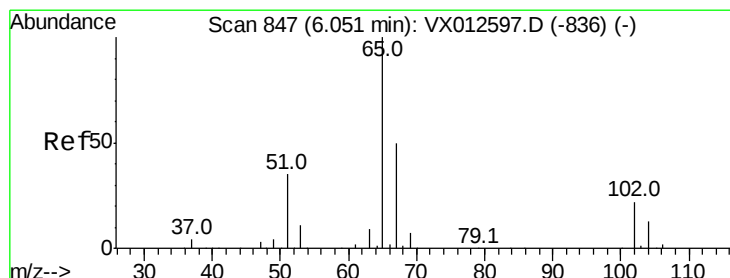
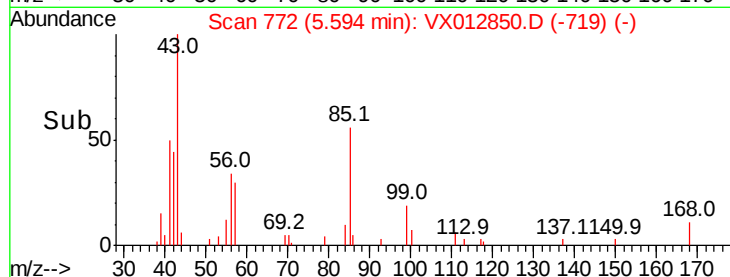
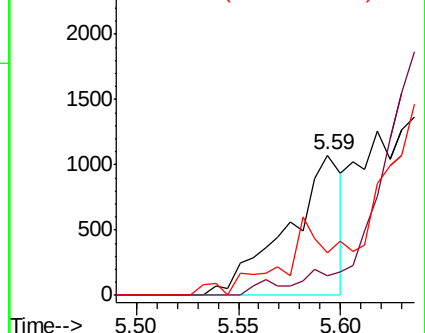
84 30.0 66.4 99.6#



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: 44.761 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012850.D

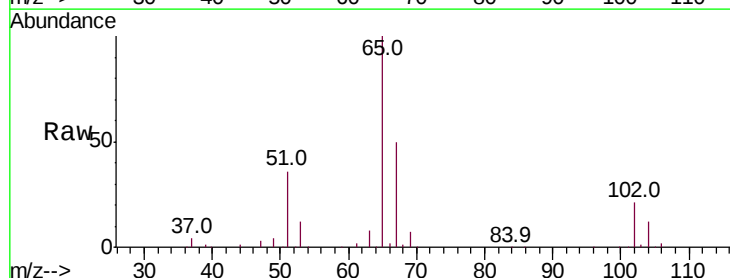
Acq: 07 Oct 2019 19:54

Tgt Ion: 65 Resp: 117967

Ion Ratio Lower Upper

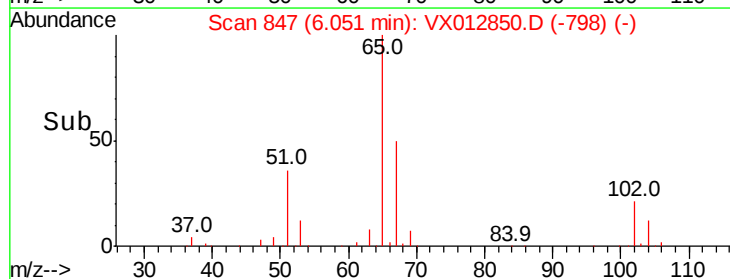
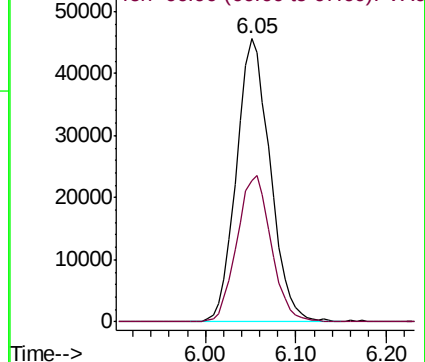
65 100

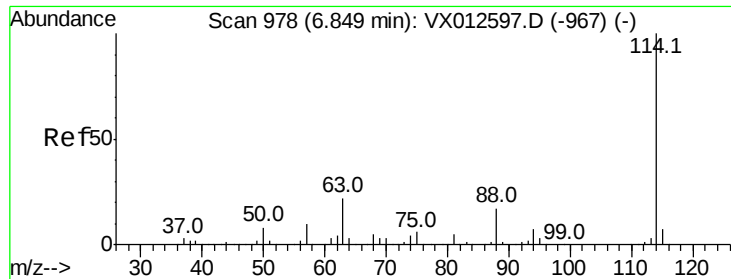
67 52.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

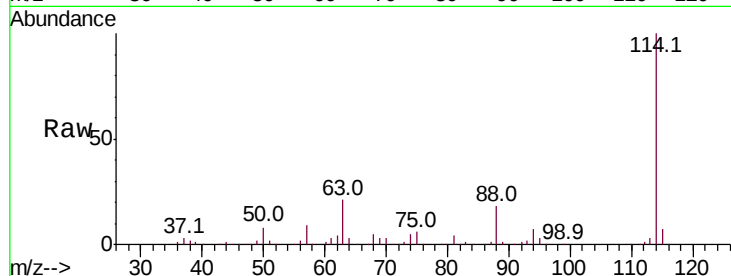




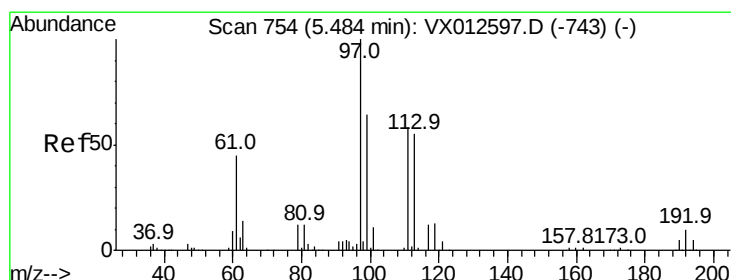
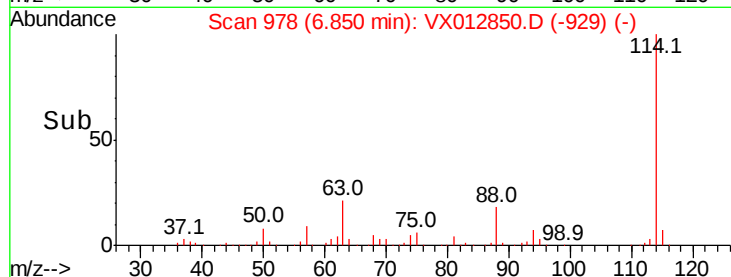
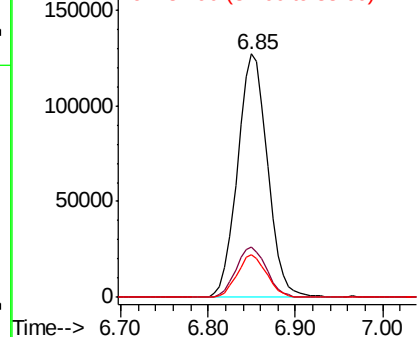
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 13933MEDL

Tot Ion:	114	Resp:	303757
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	17.5	0.0	33.2

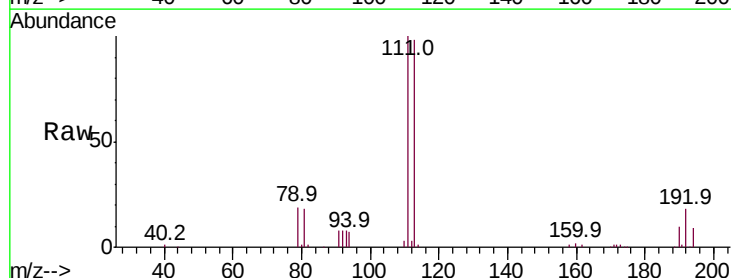


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

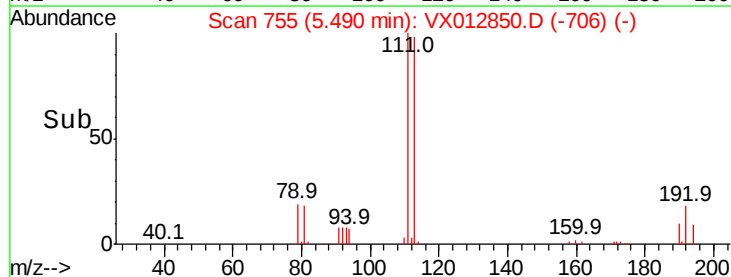
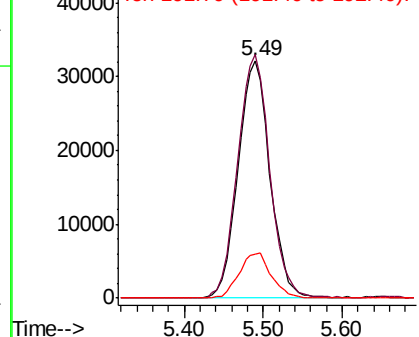


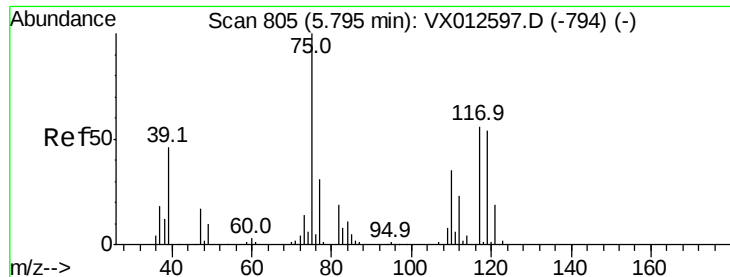
#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Tgt Ion:	113	Resp:	89938
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	19.1	14.4	21.6



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

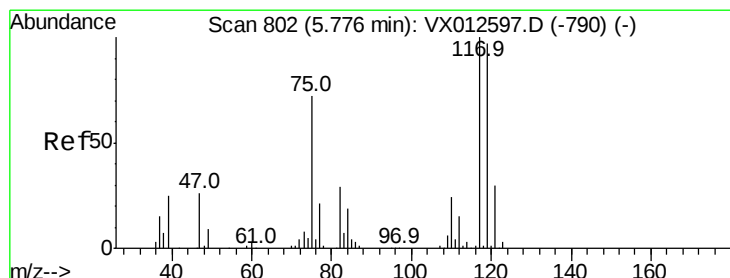
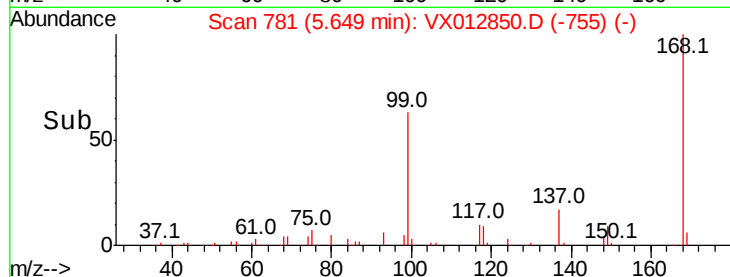
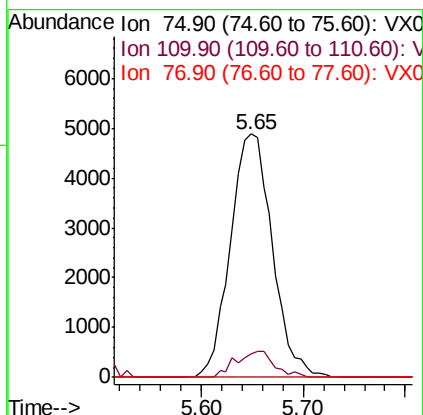
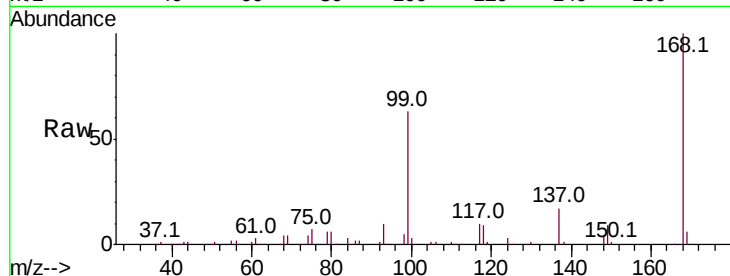




#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

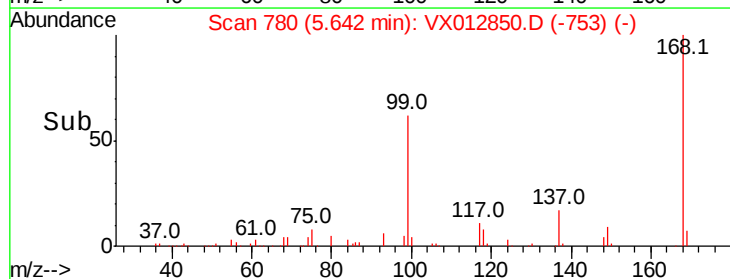
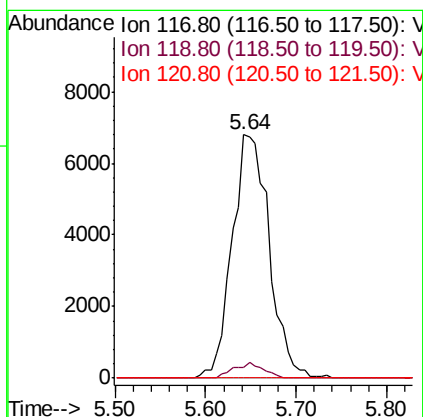
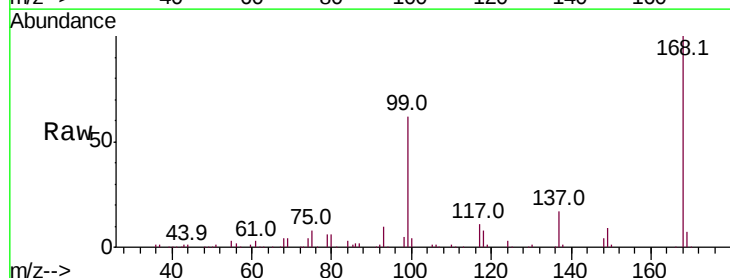
Instrument :
 MSVOA_X
 ClientSampled :
 13933MEDL

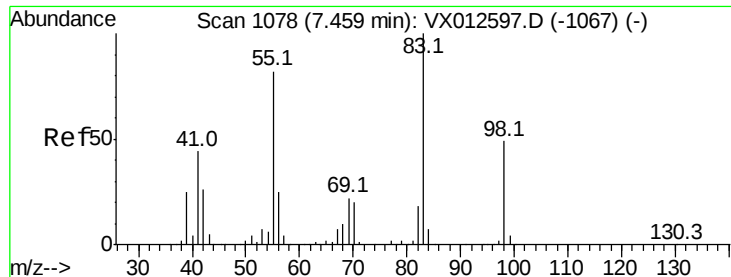
Tot Ion: 75 Resp: 13916
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.463 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Tgt Ion: 117 Resp: 19223
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.7 113.5#
 121 0.0 24.2 36.4#

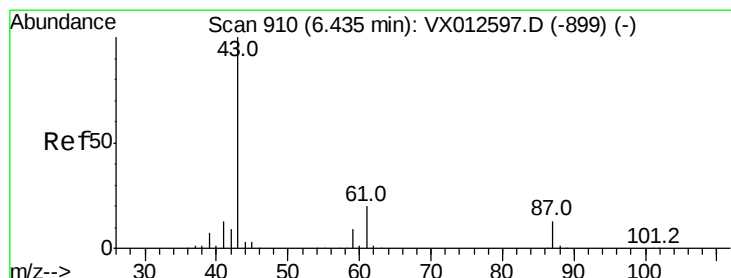
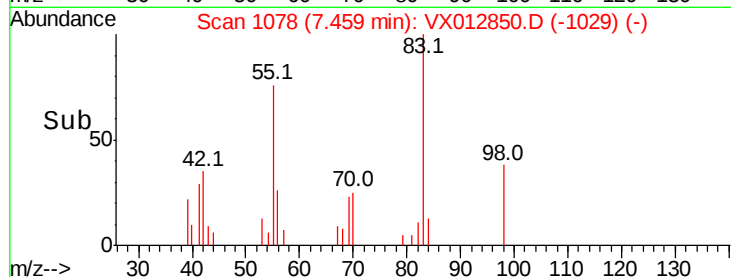
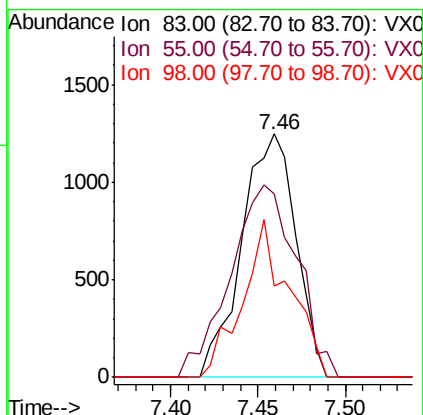
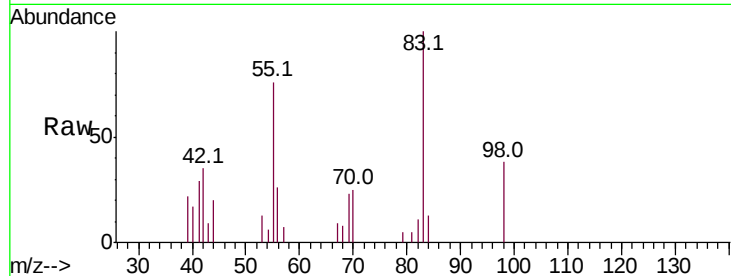




#39
Methvlcvclohexane
Concen: 0.764 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

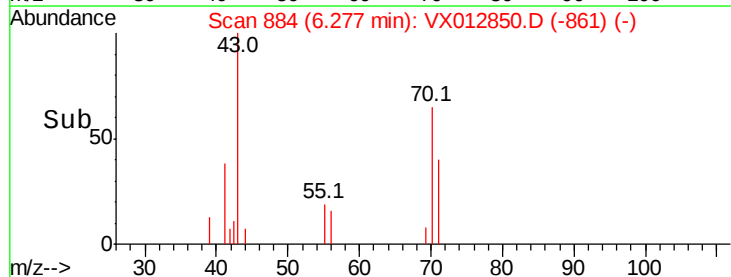
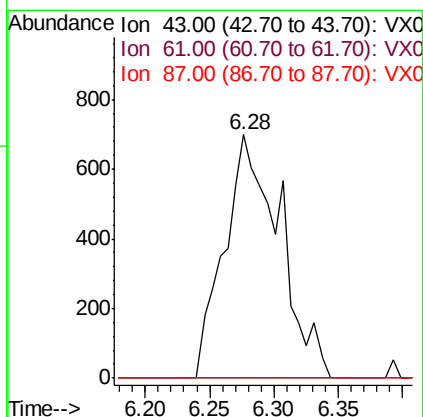
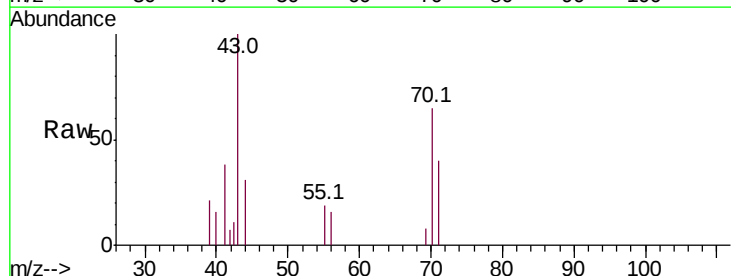
Instrument :
MSVOA_X
ClientSampleId :
13933MEDL

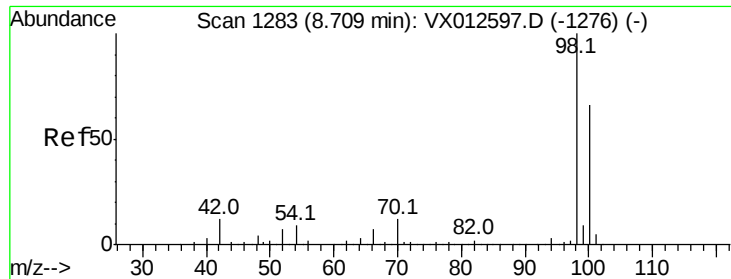
Tot Ion: 83 Resp: 2692
Ion Ratio Lower Upper
83 100
55 75.6 64.4 96.6
98 37.5 40.1 60.1#



#43
Isopropyl Acetate
Concen: 0.367 ug/l
RT: 6.28 min Scan# 884
Delta R.T. -0.16 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 9.8 14.8#





#50

Toluene-d8

Concen: 51.167 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

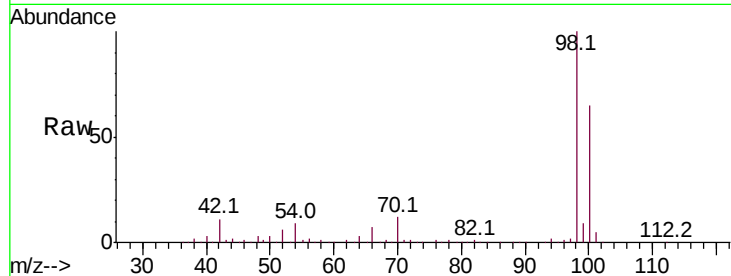
13933MEDL

Tot Ion: 98 Resp: 356459

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

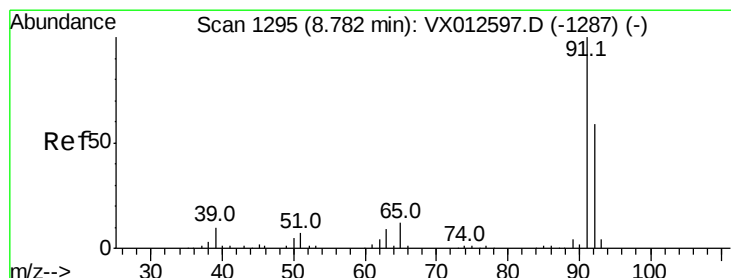
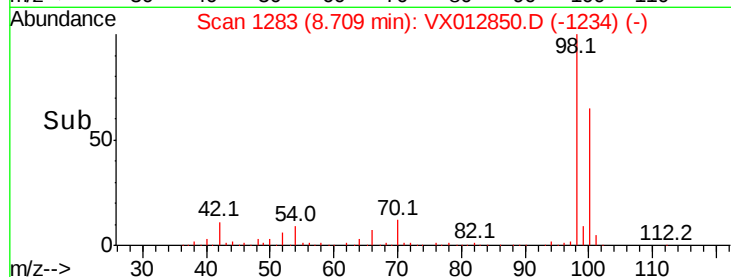
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 24.180 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012850.D

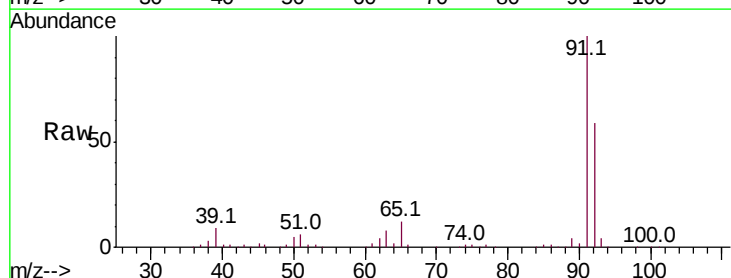
Acq: 07 Oct 2019 19:54

Tgt Ion: 92 Resp: 130919

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

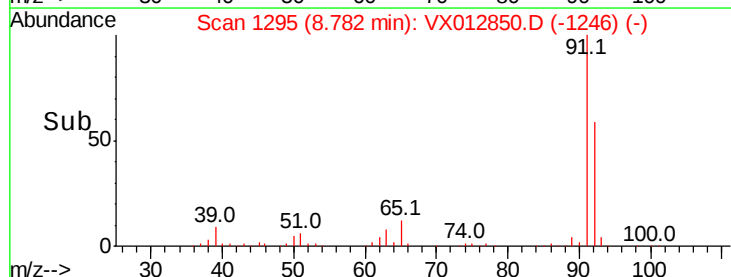
100000

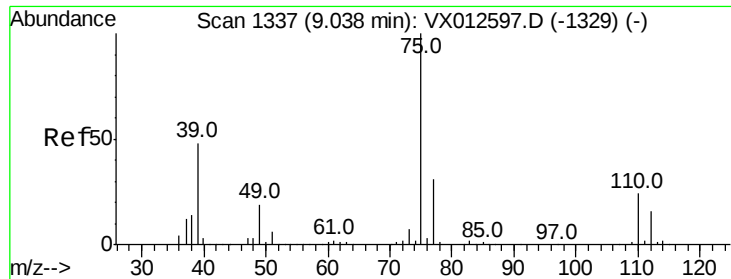
50000

0

8.70 8.80 8.90

Time-->

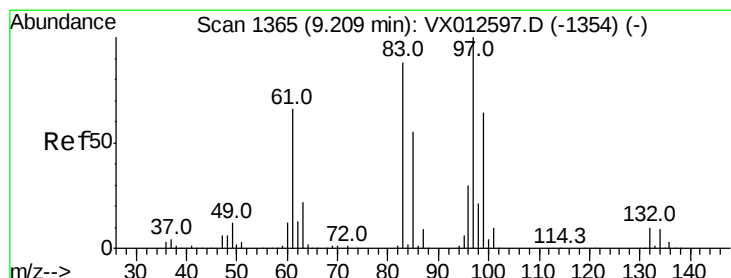
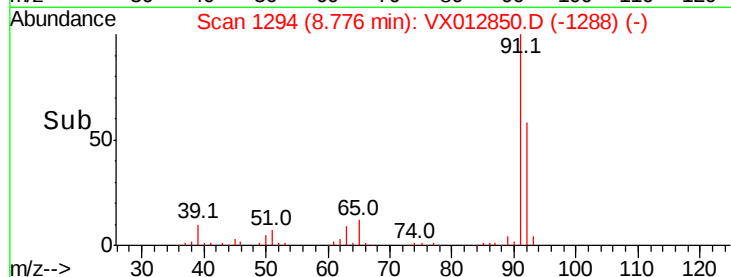
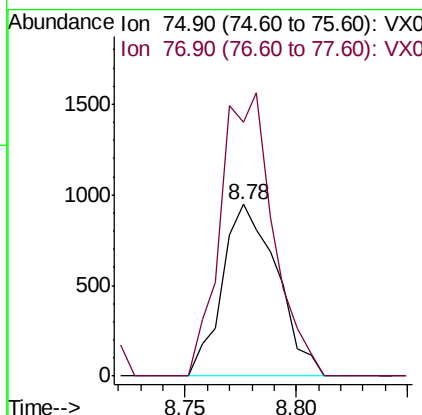
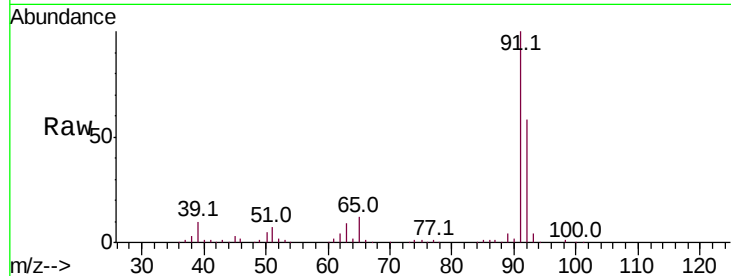




#53
t-1,3-Dichloropropene
Concen: 0.490 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.26 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

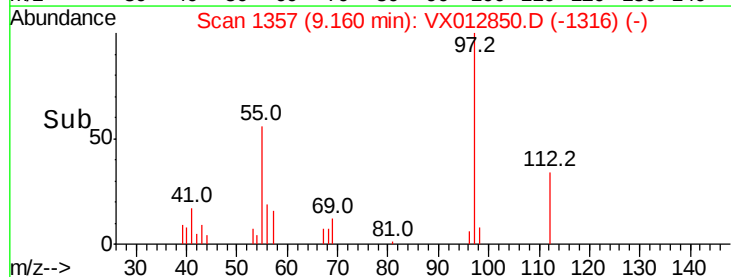
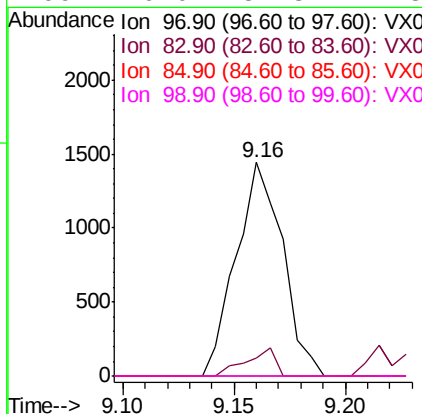
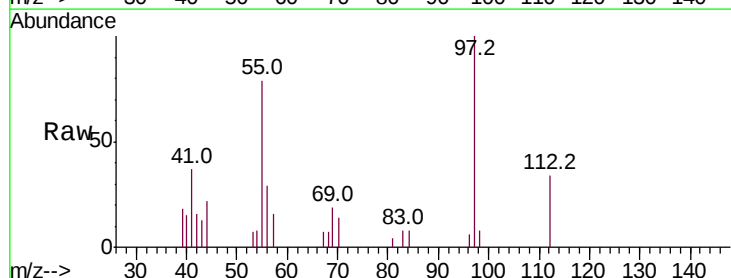
Instrument :
MSVOA_X
ClientSampleId :
13933MEDL

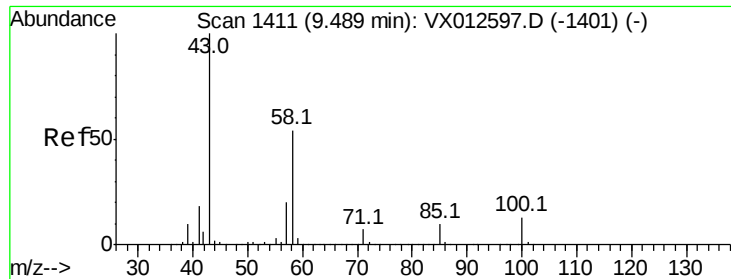
Tot Ion: 75 Resp: 1627
Ion Ratio Lower Upper
75 100
77 147.9 25.2 37.8#



#55
1,1,2-Trichloroethane
Concen: 0.976 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion: 97 Resp: 2100
Ion Ratio Lower Upper
97 100
83 8.2 67.4 101.2#
85 0.0 43.5 65.3#
99 0.0 51.8 77.8#

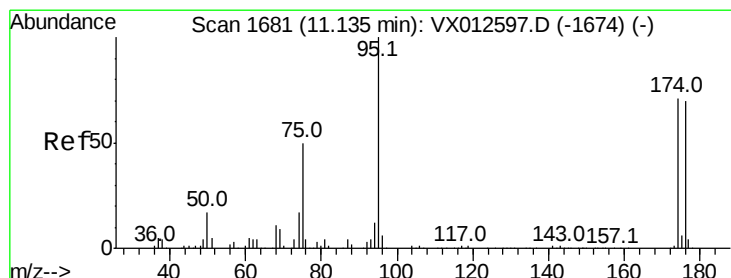
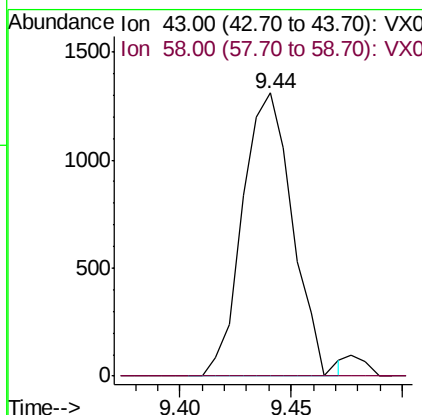
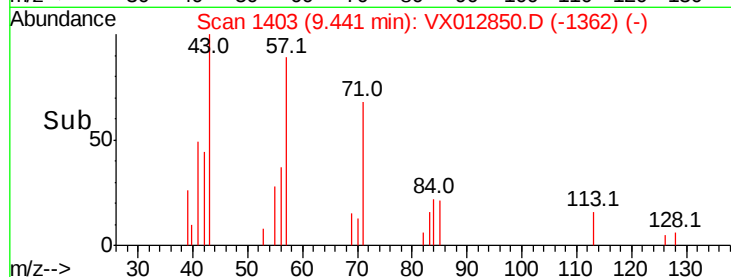
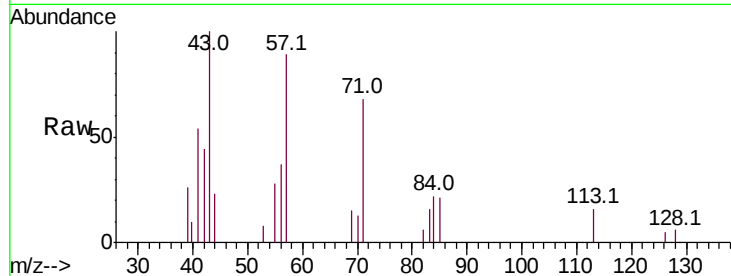




#59
2-Hexanone
Concen: 0.761 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

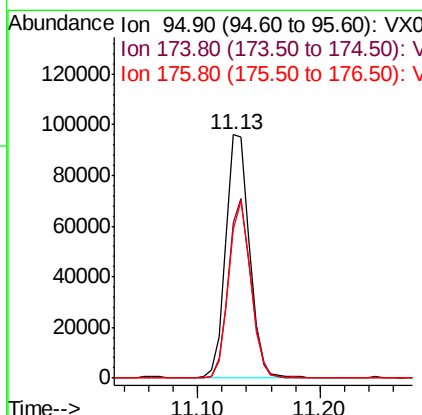
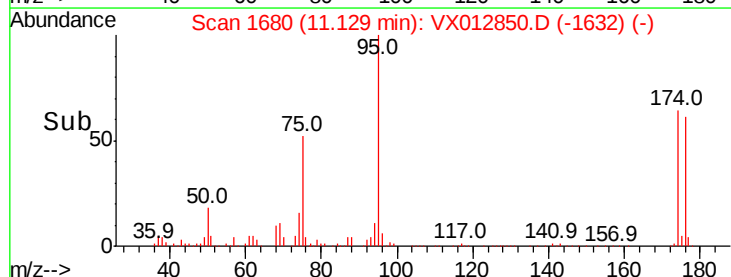
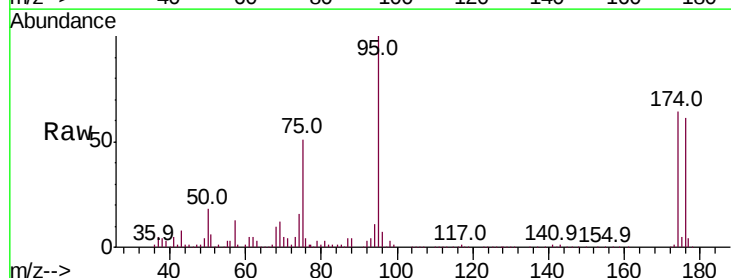
Instrument :
MSVOA_X
ClientSampled :
13933MEDL

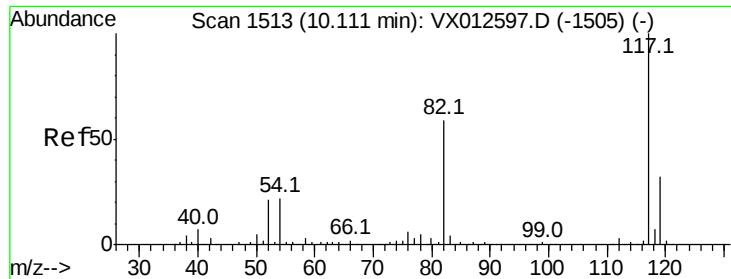
Tot Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.1#



#62
4-Bromofluorobenzene
Concen: 47.022 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion: 95 Resp: 128807
Ion Ratio Lower Upper
95 100
174 69.3 0.0 140.0
176 67.5 0.0 135.4

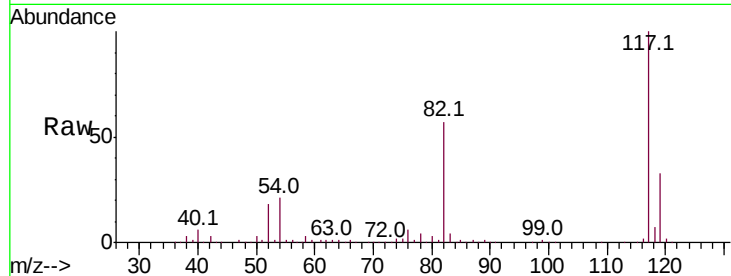




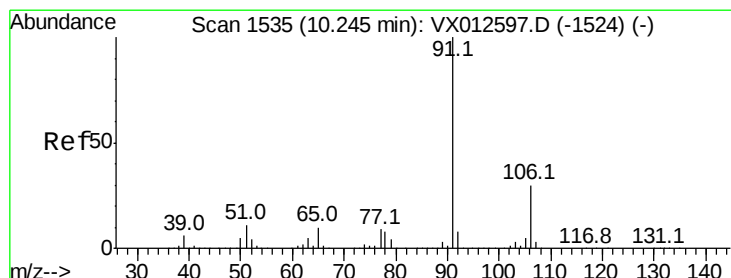
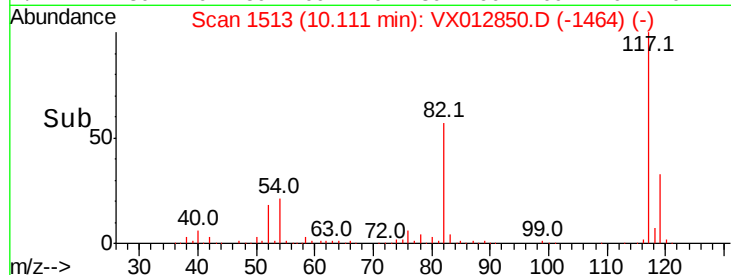
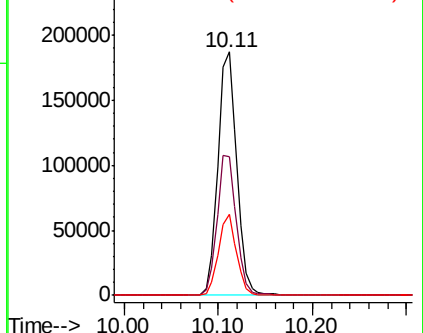
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Instrument :
MSVOA_X
ClientSampled :
13933MEDL

Tot Ion:117 Resp: 259436
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 33.2 25.3 37.9

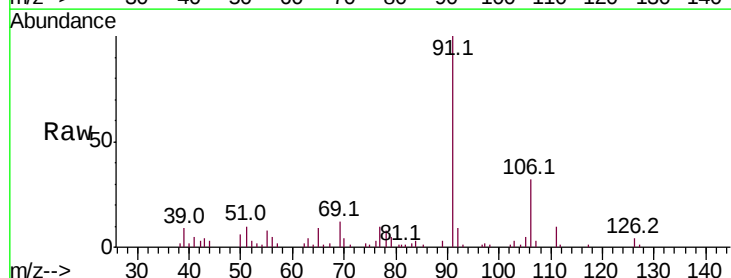


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

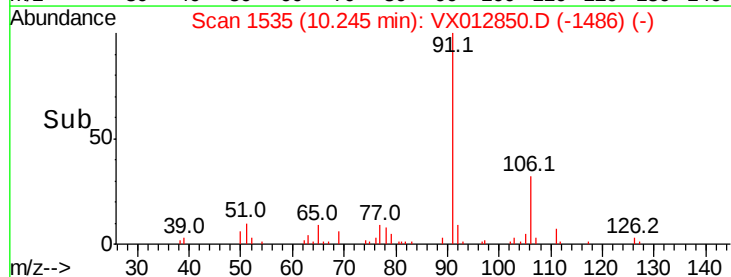
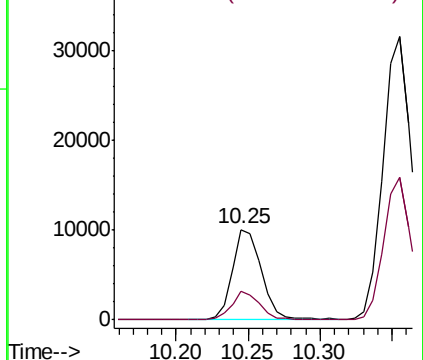


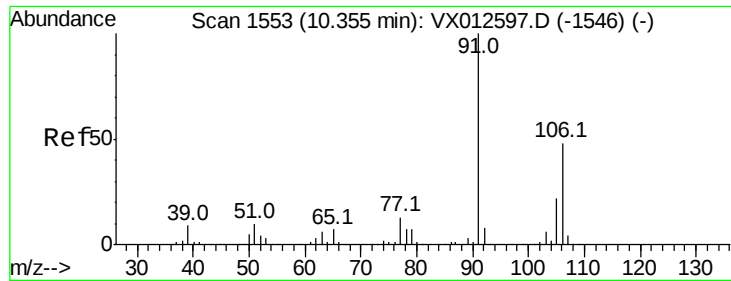
#67
Ethyl Benzene
Concen: 1.448 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion: 91 Resp: 14350
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0



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

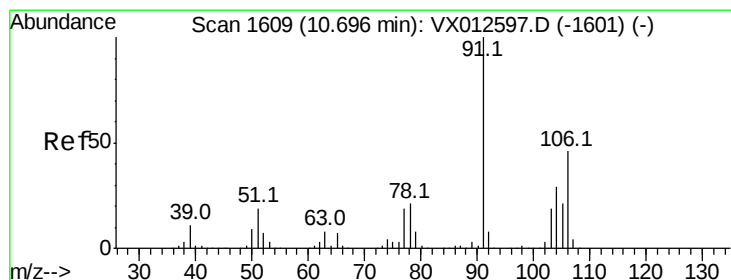
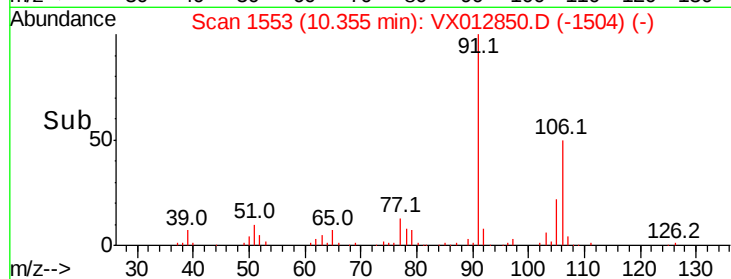
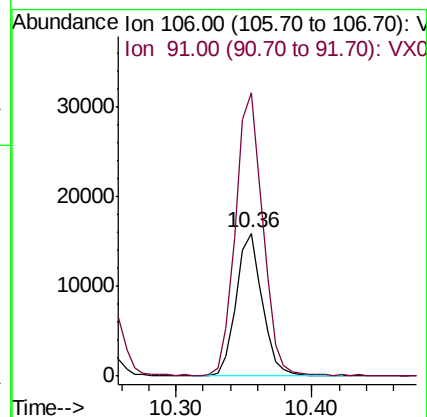
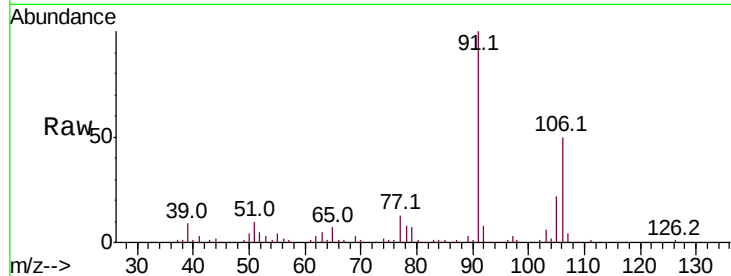




#68
m/p-Xylenes
Concen: 5.734 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

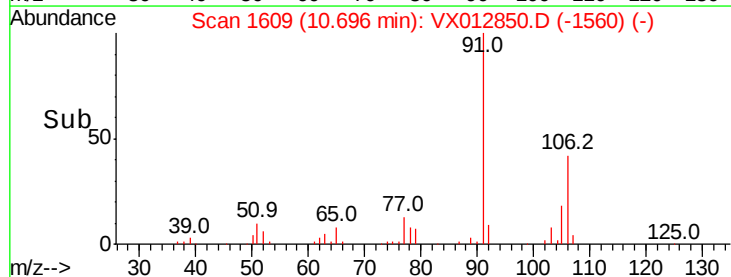
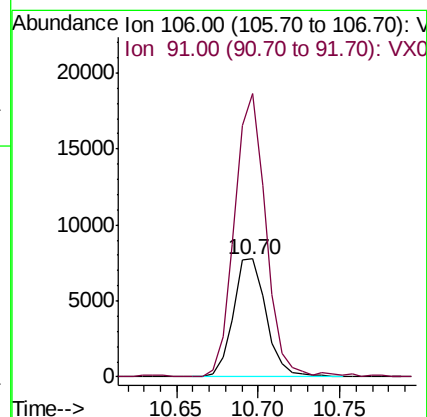
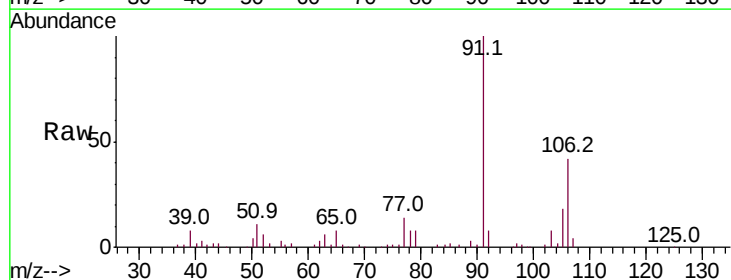
Instrument :
MSVOA_X
ClientSampled :
13933MEDL

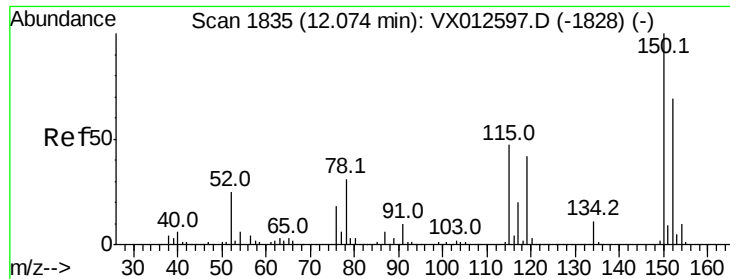
Tot Ion:106 Resp: 21282
Ion Ratio Lower Upper
106 100
91 206.9 166.6 250.0



#69
o-Xylene
Concen: 3.035 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion:106 Resp: 10899
Ion Ratio Lower Upper
106 100
91 230.7 109.4 328.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

13933MEDL

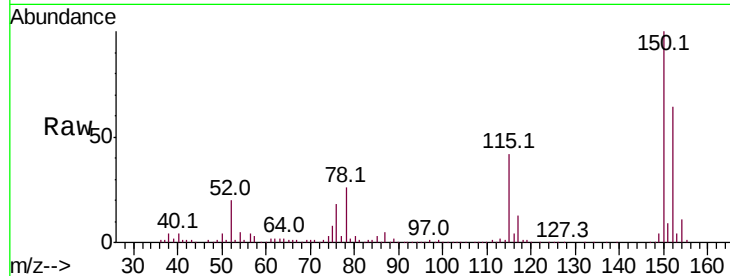
Tot Ion:152 Resp: 106214

Ion Ratio Lower Upper

152 100

115 63.6 44.1 132.3

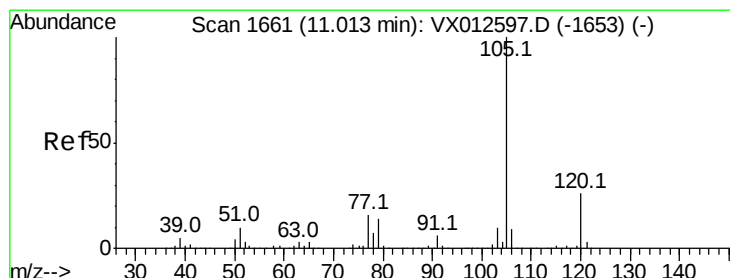
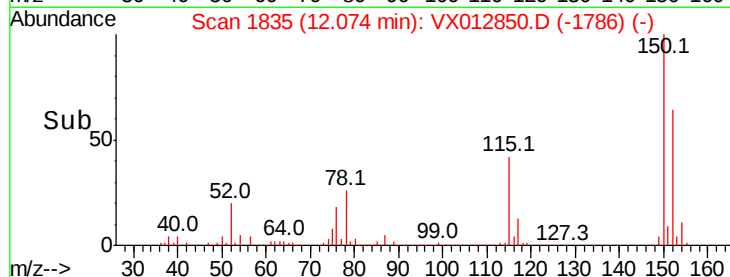
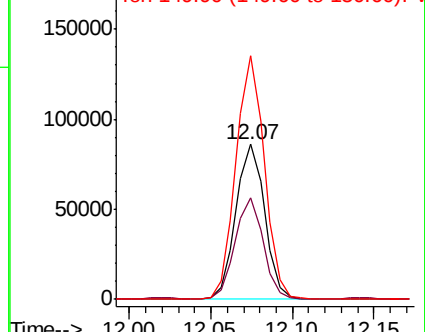
150 155.1 0.0 343.8



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: 0.794 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012850.D

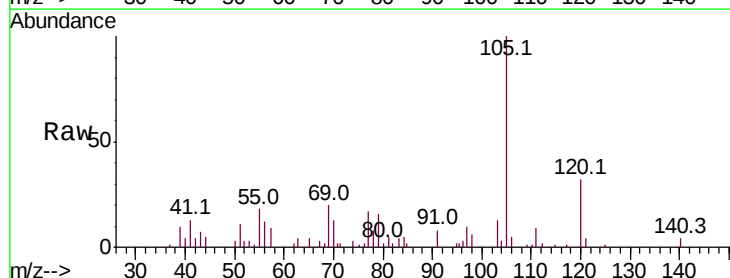
Acq: 07 Oct 2019 19:54

Tgt Ion:105 Resp: 6865

Ion Ratio Lower Upper

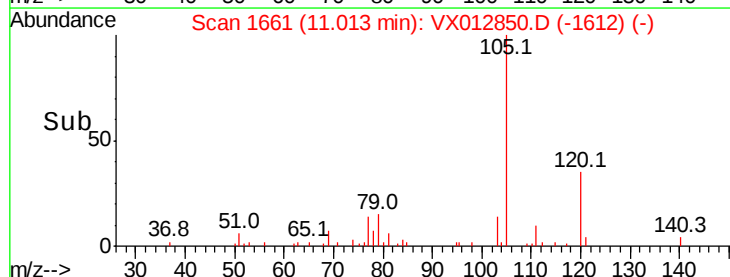
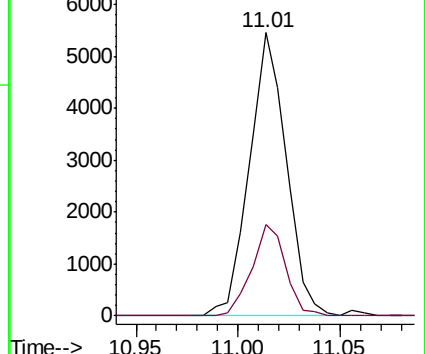
105 100

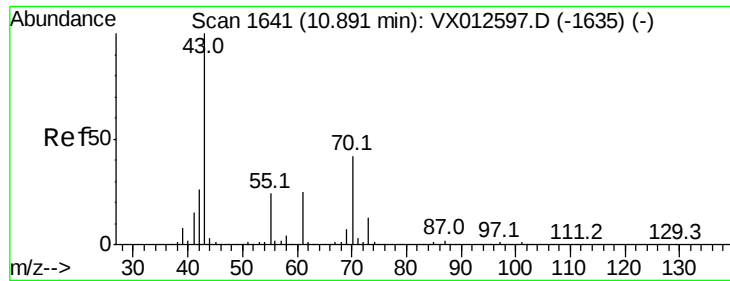
120 29.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.718 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

13933MEDL

Tot Ion: 43 Resp: 2962

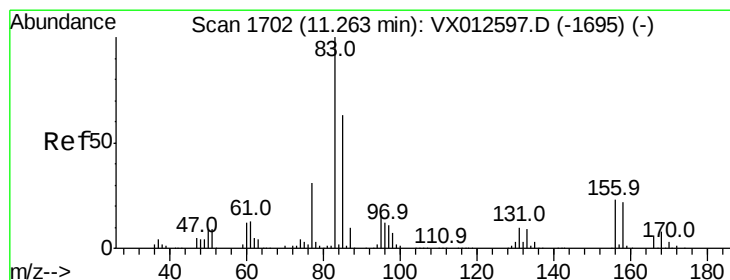
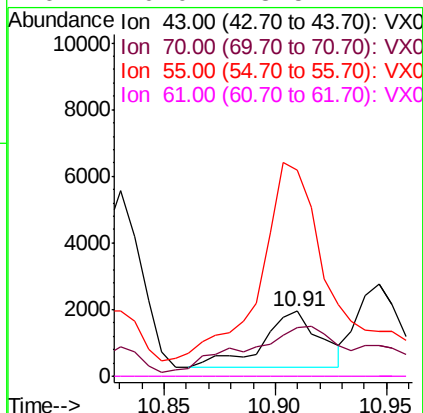
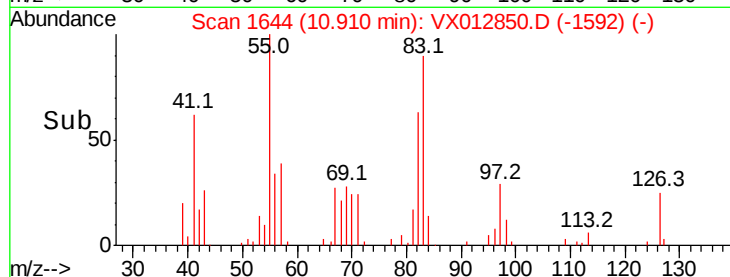
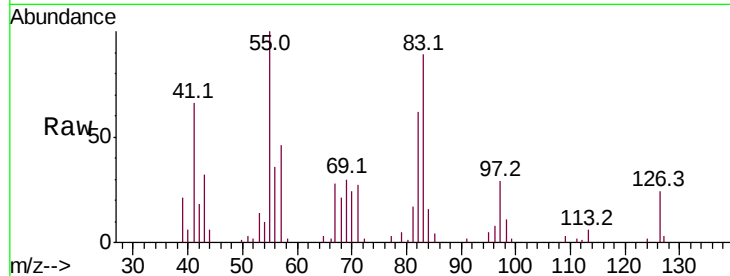
Ion Ratio Lower Upper

43 100

70 129.2 32.4 48.6#

55 431.7 18.2 27.4#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.381 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

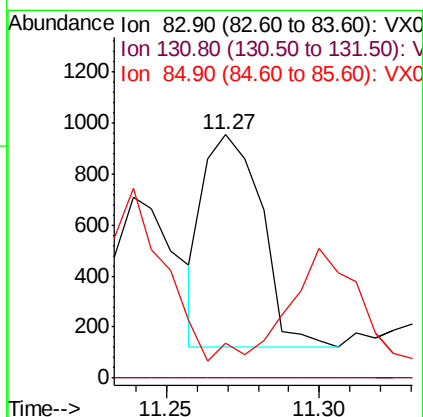
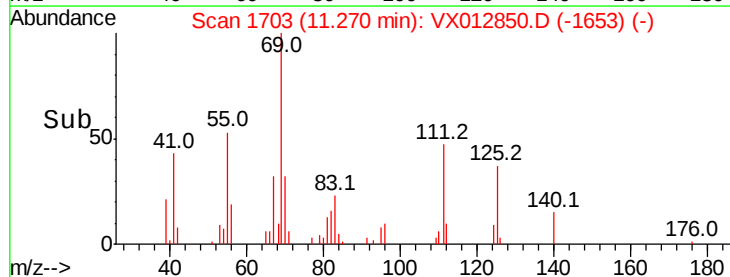
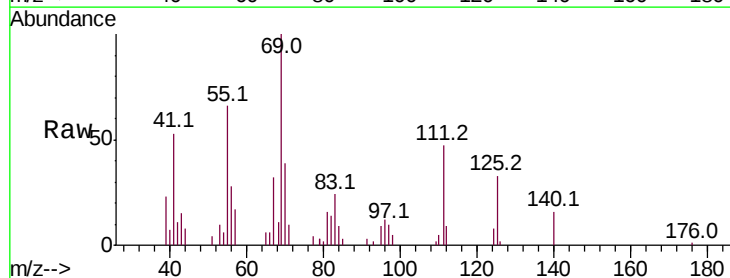
Tgt Ion: 83 Resp: 1091

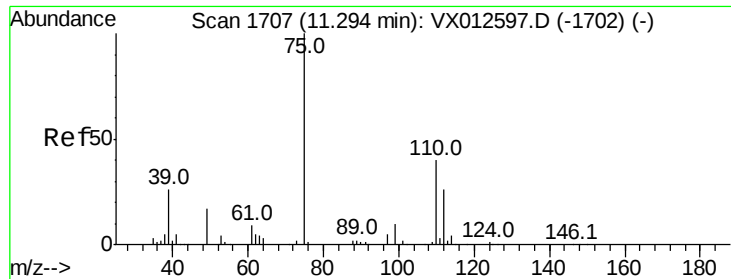
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.0 96.0#

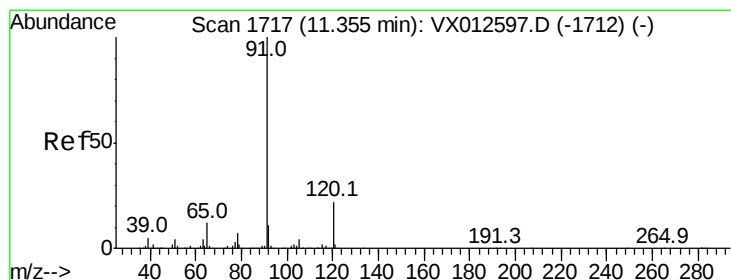
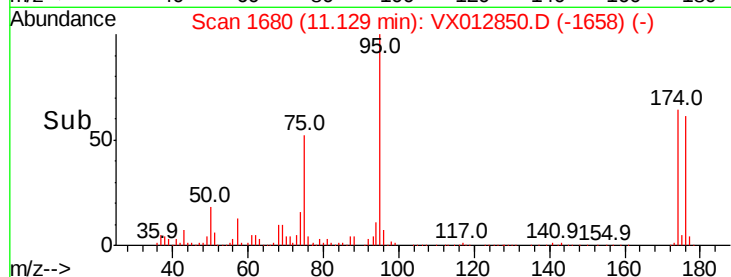
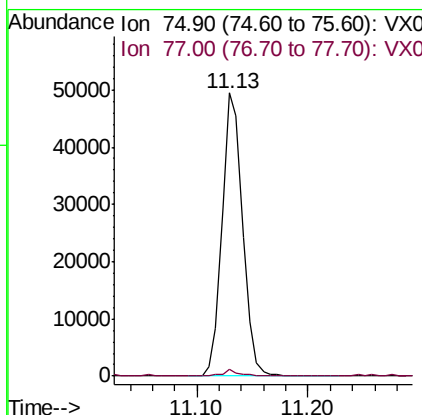
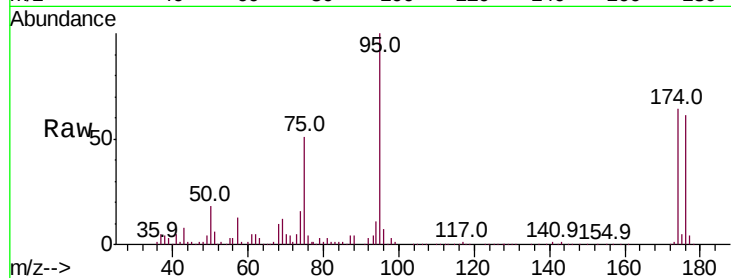




#76
 1,2,3-Trichloropropane
 Concen: 22.527 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

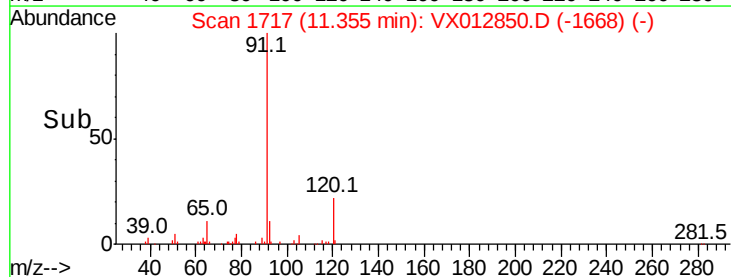
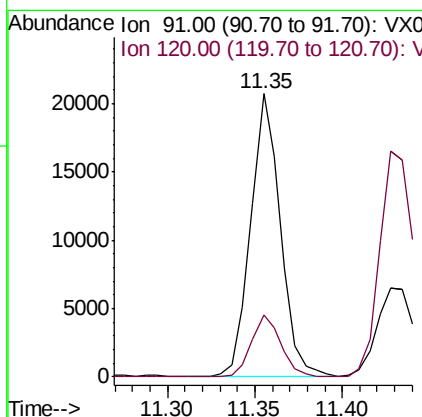
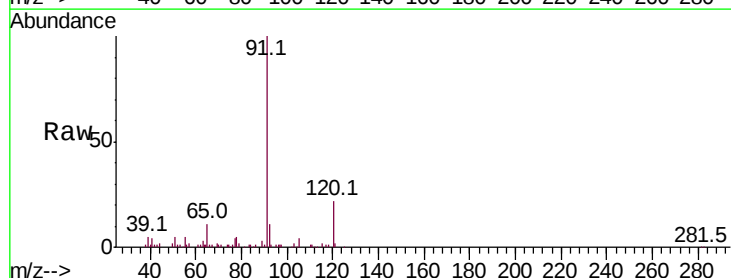
Instrument :
 MSVOA_X
 ClientSampleId :
 13933MEDL

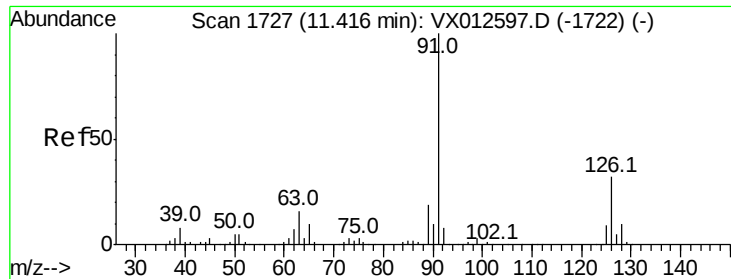
Tot Ion: 75 Resp: 63291
 Ion Ratio Lower Upper
 75 100
 77 1.9 19.7 59.0#



#78
 n-propylbenzene
 Concen: 2.544 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Tgt Ion: 91 Resp: 24778
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.3 33.8

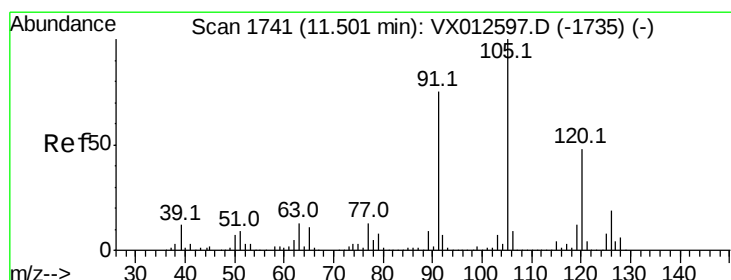
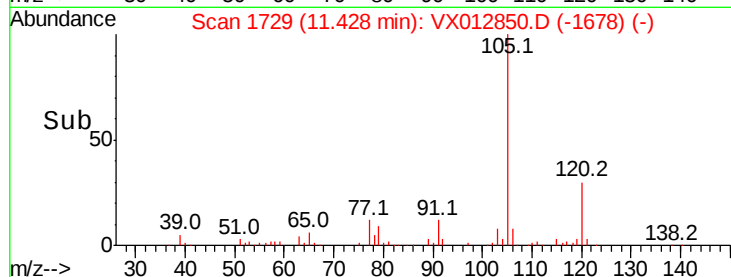
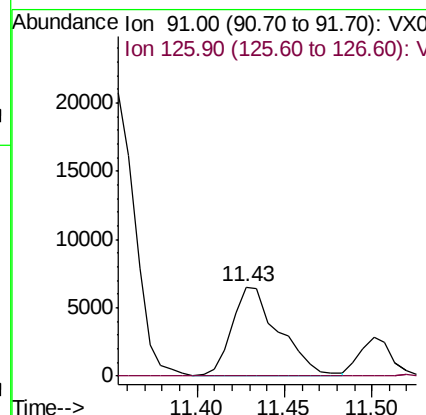
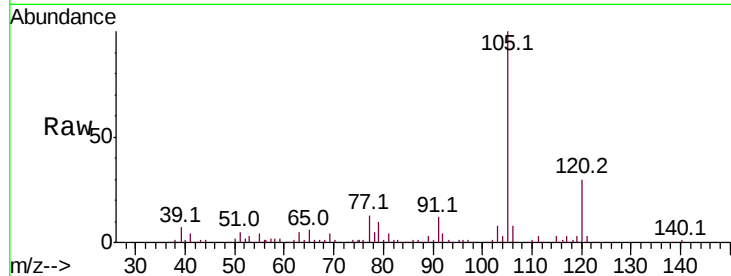




#79
 2-Chlorotoluene
 Concen: 2.019 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

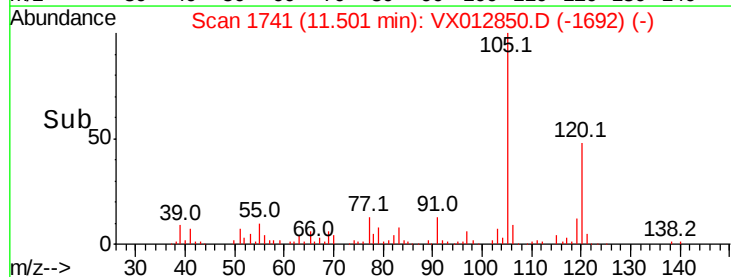
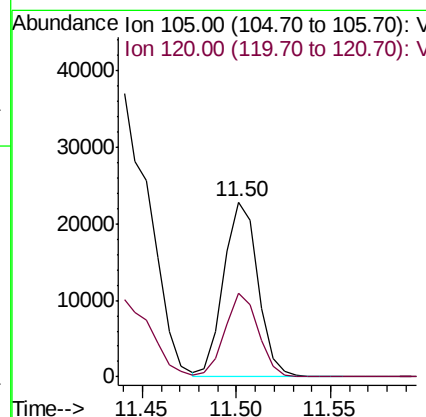
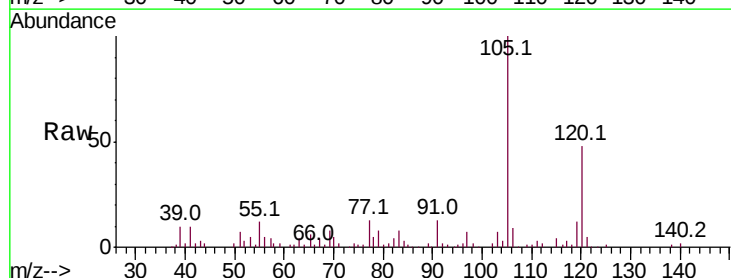
Instrument :
 MSVOA_X
 ClientSampled :
 13933MEDL

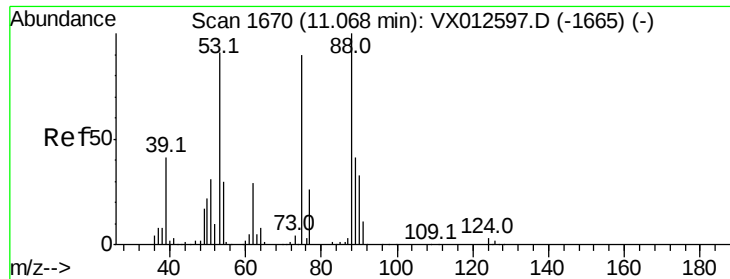
Tot Ion: 91 Resp: 12266
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.009 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Tgt Ion:105 Resp: 29083
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.556 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

13933MEDL

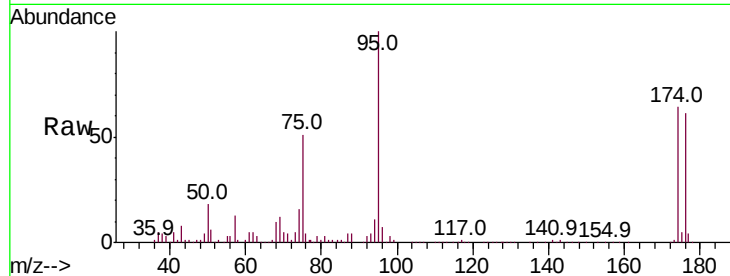
Tot Ion: 75 Resp: 63291

Ion Ratio Lower Upper

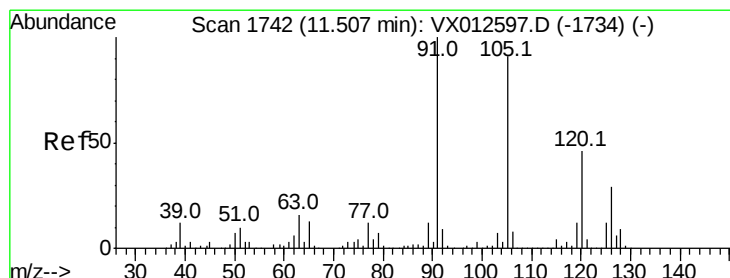
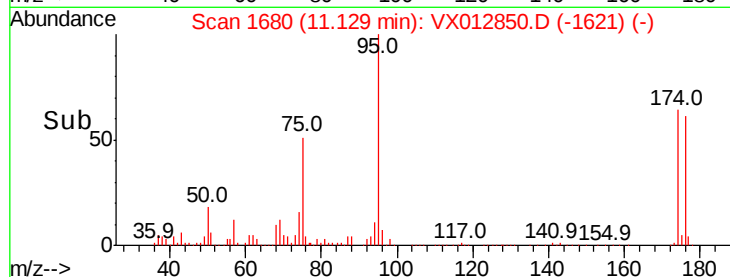
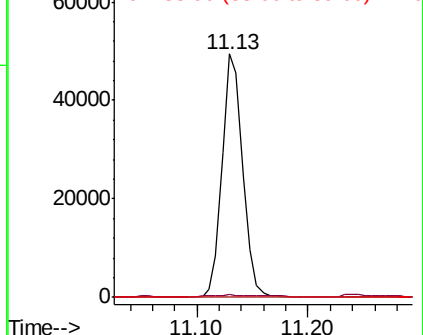
75 100

53 1.0 83.6 125.4#

89 0.0 36.3 54.5#



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: 0.569 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX012850.D

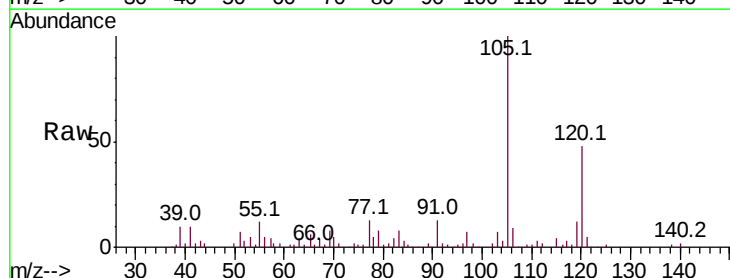
Acq: 07 Oct 2019 19:54

Tgt Ion: 91 Resp: 3942

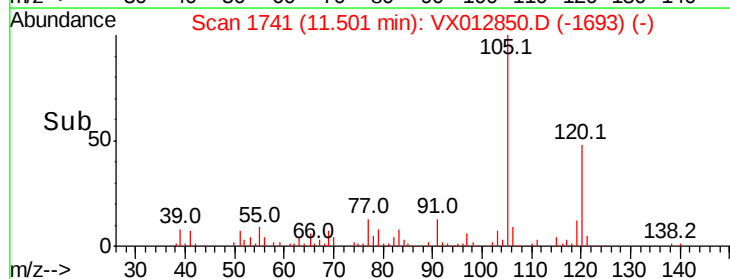
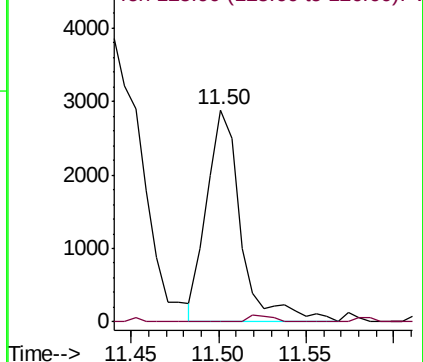
Ion Ratio Lower Upper

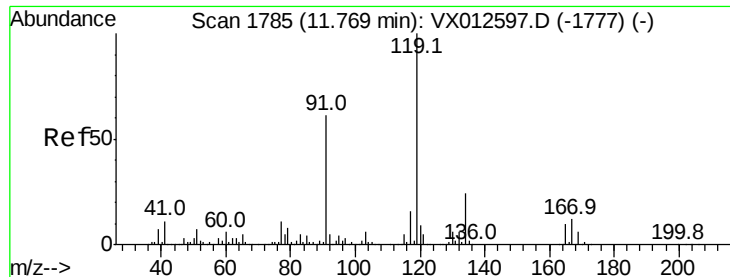
91 100

126 2.1 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

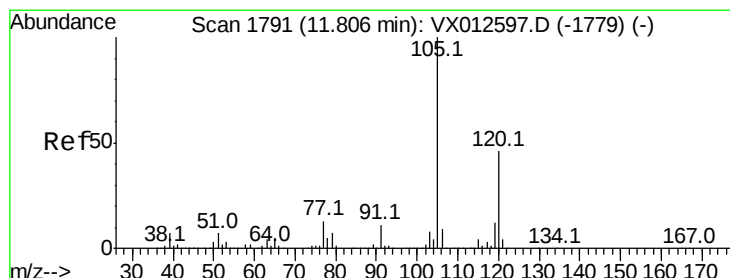
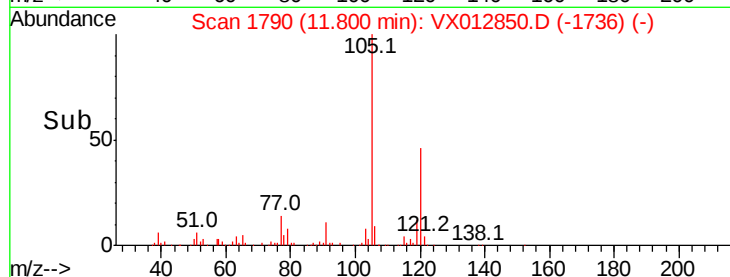
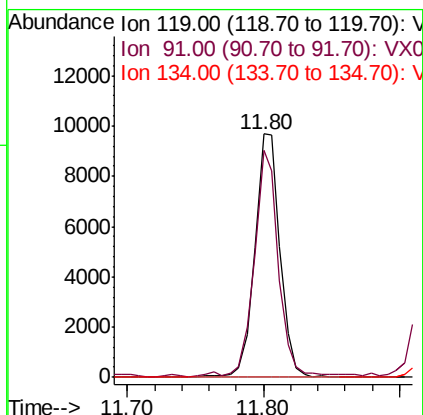
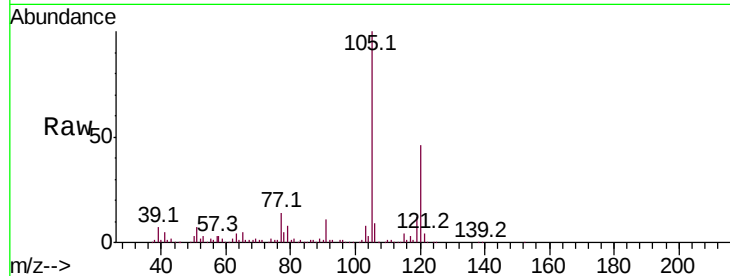




#83
tert-Butylbenzene
Concen: 1.797 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.03 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

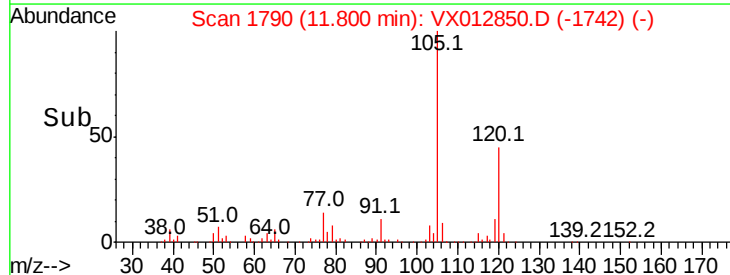
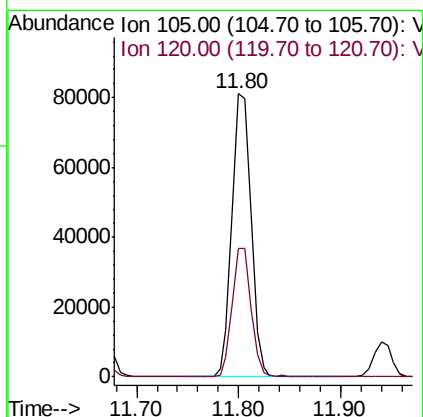
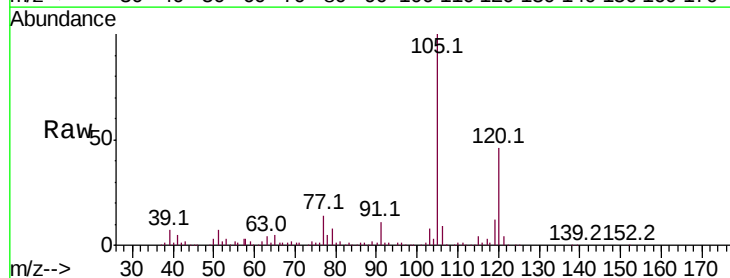
Instrument :
MSVOA_X
ClientSampleId :
13933MEDL

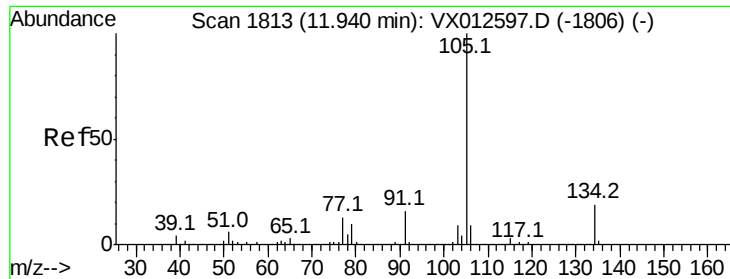
Tot Ion:119 Resp: 12572
Ion Ratio Lower Upper
119 100
91 91.6 30.0 90.0#
134 0.0 11.3 33.9#



#84
1,2,4-Trimethylbenzene
Concen: 14.349 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012850.D
Acq: 07 Oct 2019 19:54

Tgt Ion:105 Resp: 105009
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6

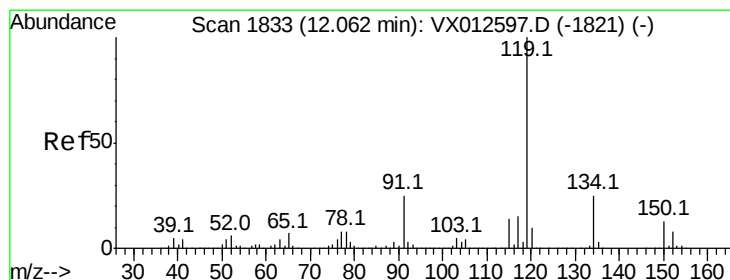
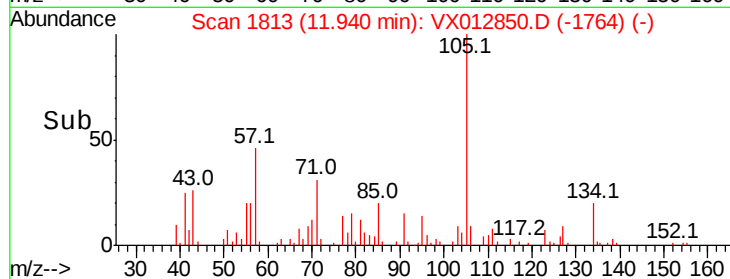
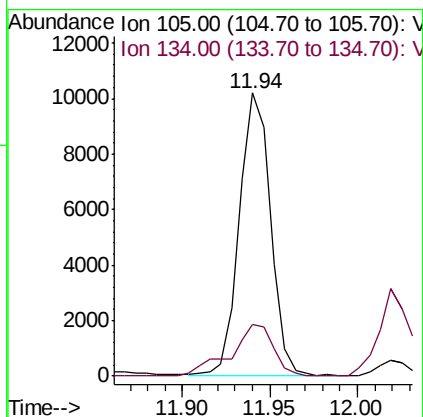
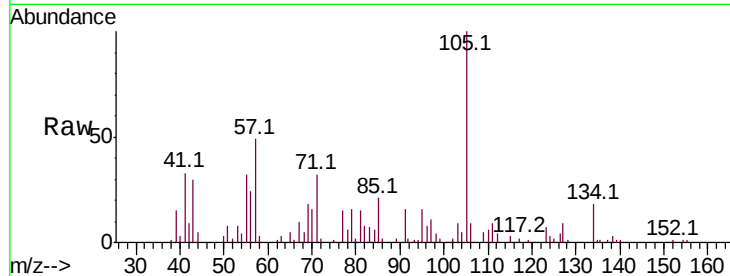




#85
 sec-Butylbenzene
 Concen: 1.565 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

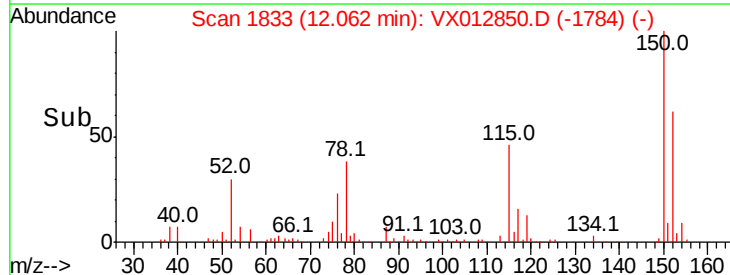
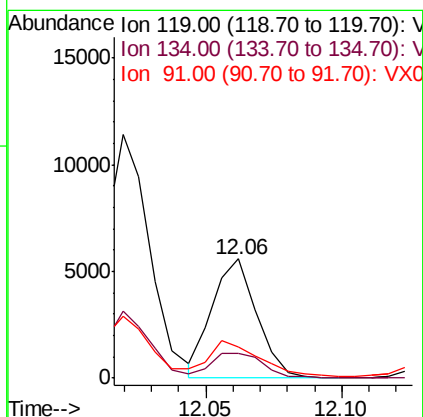
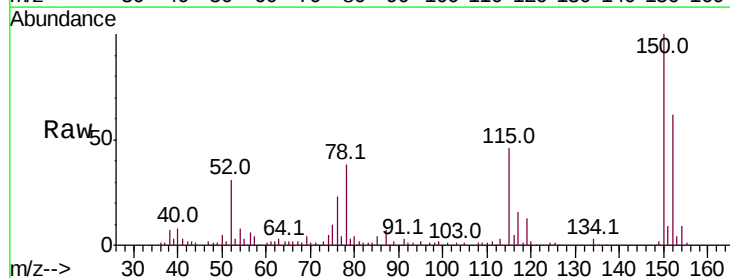
Instrument :
 MSVOA_X
 ClientSampleId :
 13933MEDL

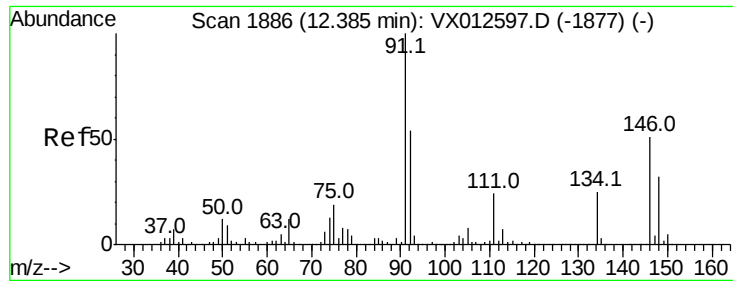
Tot Ion:105 Resp: 12740
 Ion Ratio Lower Upper
 105 100
 134 25.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.870 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Tgt Ion:119 Resp: 6390
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.7 38.1
 91 32.0 12.8 38.4





#89

n-Butylbenzene

Concen: 3.647 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

13933MEDL

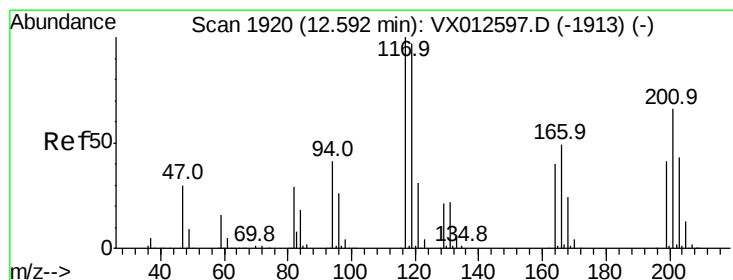
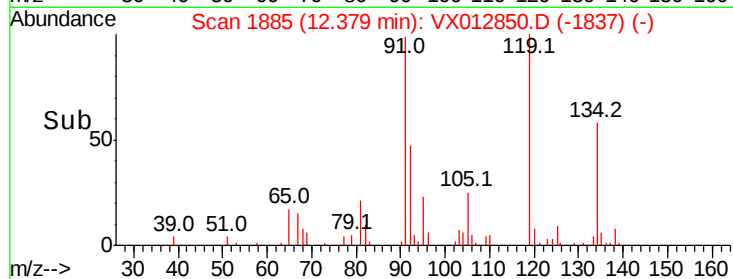
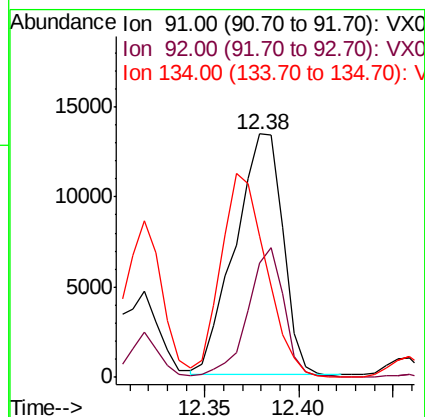
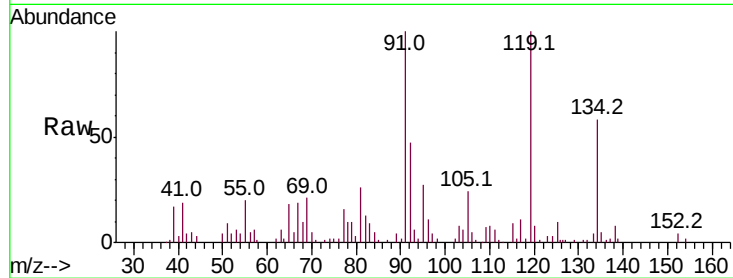
Tot Ion: 91 Resp: 23600

Ion Ratio Lower Upper

91 100

92 40.6 27.7 83.0

134 80.1 12.9 38.6#



#90

Hexachloroethane

Concen: 1.788 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012850.D

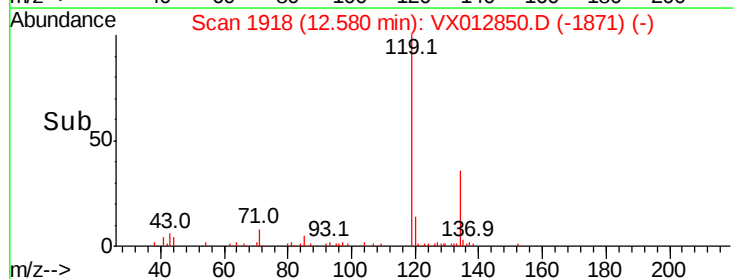
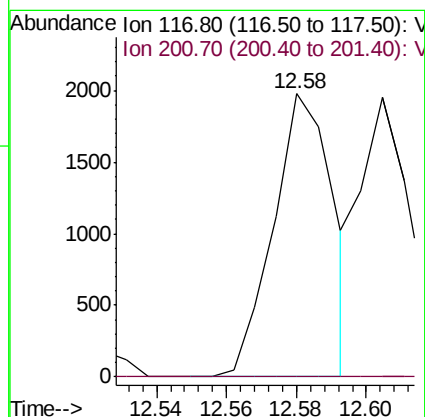
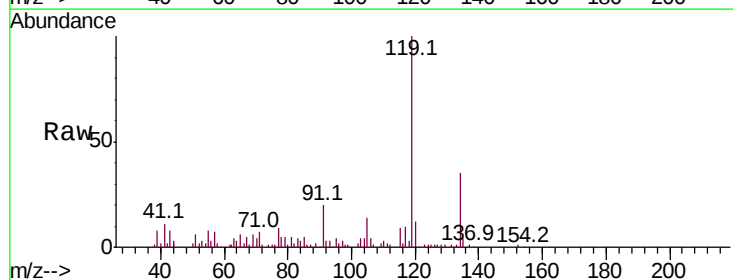
Acq: 07 Oct 2019 19:54

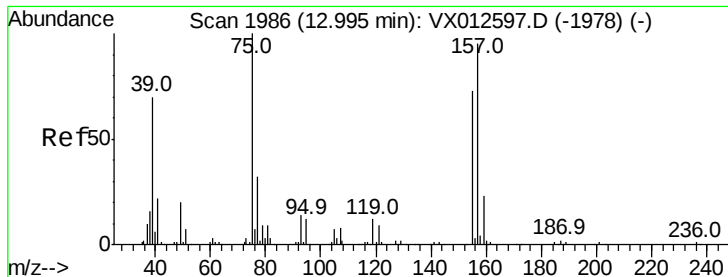
Tgt Ion: 117 Resp: 2341

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.280 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

13933MEDL

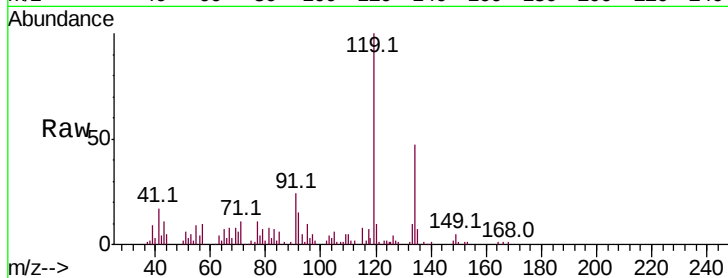
Tot Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

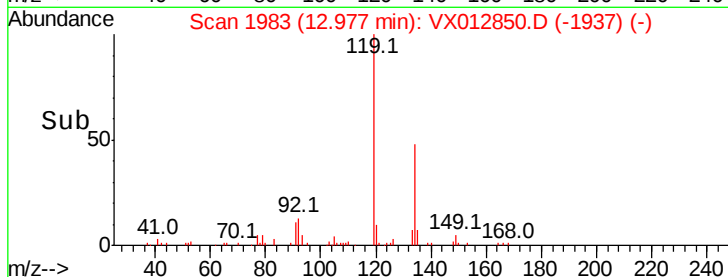
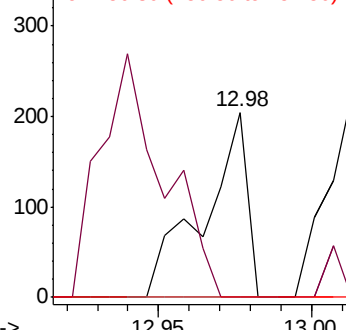
157 0.0 50.6 151.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 1.322 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012850.D

Acq: 07 Oct 2019 19:54

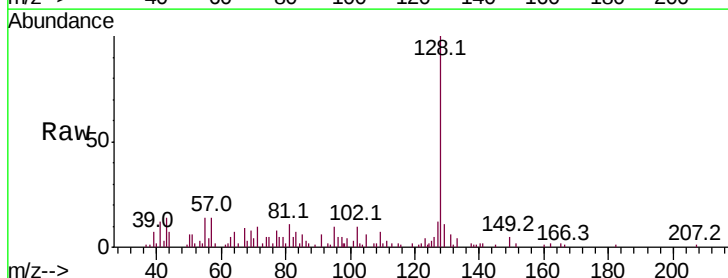
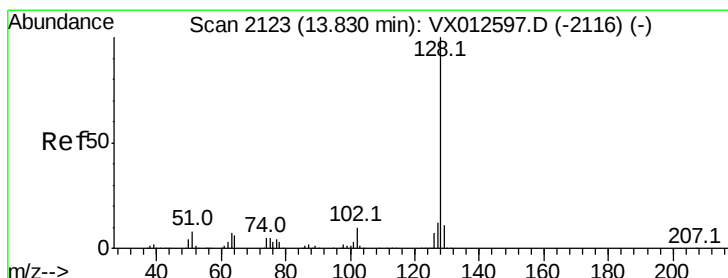
Tgt Ion: 128 Resp: 10287

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

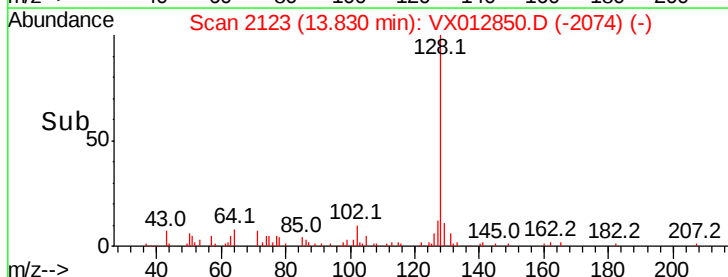
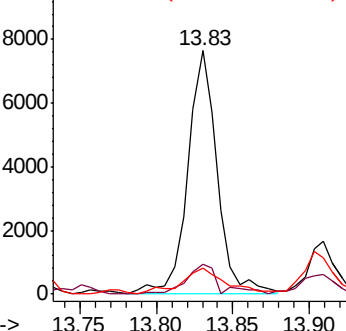
129 16.0 8.8 13.2#

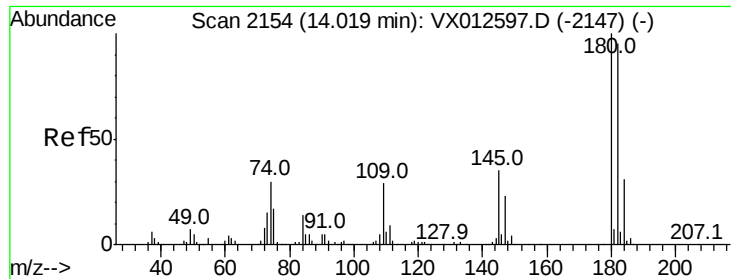


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.309 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.02 min
 Lab File: VX012850.D
 Acq: 07 Oct 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 13933MEDL

Tot Ion:180 Resp: 666
 Ion Ratio Lower Upper
 180 100
 182 20.6 47.1 141.3#
 145 281.7 18.0 54.0#

