

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013482.D
 Acq On : 20 Nov 2019 17:08
 Operator : JC/SP
 Sample : K5958-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:49:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	735868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1180143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1084264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	510764	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	426890	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
35) Dibromofluoromethane	5.49	113	357957	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	1432971	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	503088	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	16474	1.792	ug/l	100
5) Bromomethane	1.64	94	2654	0.364	ug/l #	75
6) Chloroethane	1.73	64	605	Below Cal	#	79
11) Tert butyl alcohol	3.01	59	180370	78.498	ug/l #	79
13) Acrolein	2.28	56	1002	0.805	ug/l #	48
15) Acrylonitrile	3.13	53	899	0.209	ug/l #	17
16) Acetone	2.43	43	9424	2.167	ug/l #	85
20) Methylene Chloride	2.85	84	3654	0.455	ug/l	99
25) 2-Butanone	4.67	43	10618	1.664	ug/l #	71
27) cis-1,2-Dichloroethene	4.60	96	3676	0.446	ug/l	81
30) Chloroform	5.20	83	22749	1.739	ug/l	96
31) Cyclohexane	5.56	56	7254	0.609	ug/l #	90
36) 1,1-Dichloropropene	5.65	75	49473	4.887	ug/l #	50
38) Carbon Tetrachloride	5.65	117	65516	6.618	ug/l #	17
39) Methylcyclohexane	7.46	83	26621	2.110	ug/l	96
40) Benzene	6.14	78	8777	0.278	ug/l #	86
44) Trichloroethene	7.20	130	5263	0.606	ug/l	70
49) 1,4-Dioxane	7.73	88	461	2.070	ug/l #	24
55) 1,1,2-Trichloroethane	9.16	97	20571	2.539	ug/l #	20
56) Ethyl methacrylate	9.16	69	4979	1.912	ug/l #	9
64) Tetrachloroethene	9.33	164	8635	1.112	ug/l	89
67) Ethyl Benzene	10.25	91	3792420	100.101	ug/l	98
68) m/p-Xylenes	10.35	106	859828	60.010	ug/l	100
69) o-Xylene	10.70	106	646124	46.061	ug/l	99
70) Styrene	10.70	104	32369	1.380	ug/l #	1
71) Bromoform	10.85	173	143	3.220	ug/l #	28
73) Isopropylbenzene	11.01	105	3641878	107.543	ug/l	100
74) N-amyl acetate	10.90	43	54689	3.483	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	47166	3.818	ug/l #	25
76) 1,2,3-Trichloropropane	11.35	75	43236	4.168	ug/l #	1
78) n-propylbenzene	11.35	91	7426603	196.872	ug/l	98
79) 2-Chlorotoluene	11.43	91	1325781	58.332	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	8592273	304.612	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.01	75	40089	9.947	ug/l #	69

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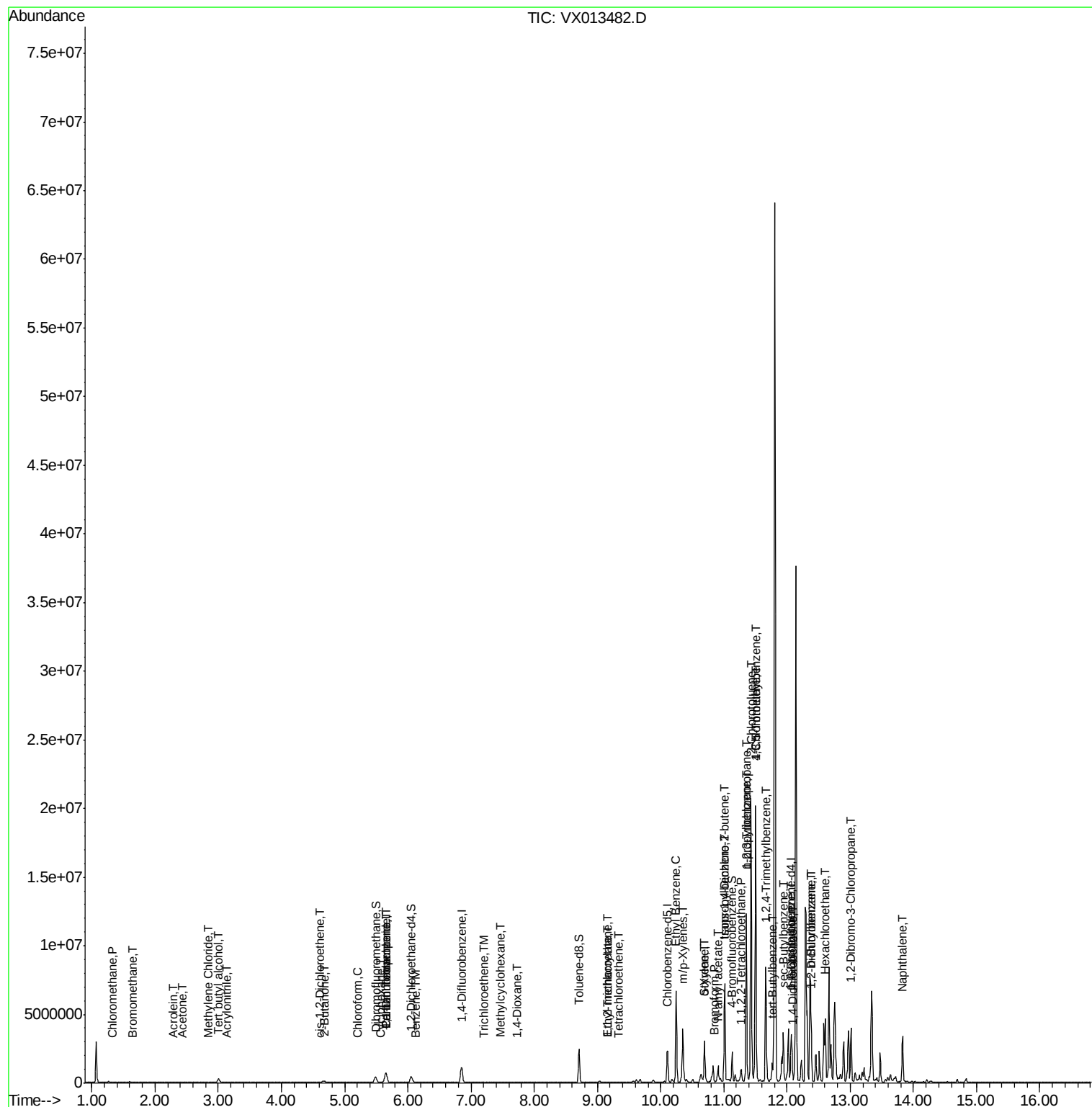
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.50	91	922685	34.681	ug/l #	44
83) tert-Butylbenzene	11.77	119	405293	14.274	ug/l	88
84) 1,2,4-Trimethylbenzene	11.67	105	3934388	139.044	ug/l	79
85) sec-Butylbenzene	11.94	105	1903016	58.314	ug/l #	77
86) p-Isopropyltoluene	12.06	119	983685	32.735	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	7422	0.453	ug/l #	49
89) n-Butylbenzene	12.38	91	1616622	61.654	ug/l #	51
90) Hexachloroethane	12.60	117	164541	30.732	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	3502	0.218	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11306	3.756	ug/l #	1
95) Naphthalene	13.83	128	1995101	56.672	ug/l	99

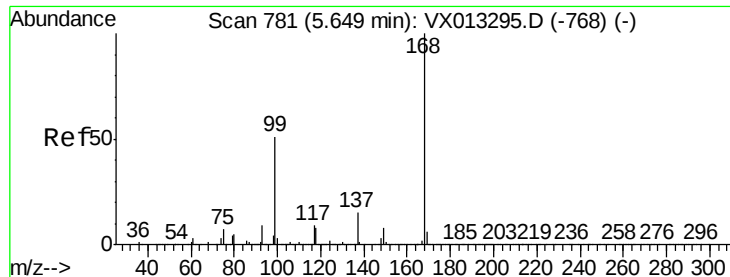
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

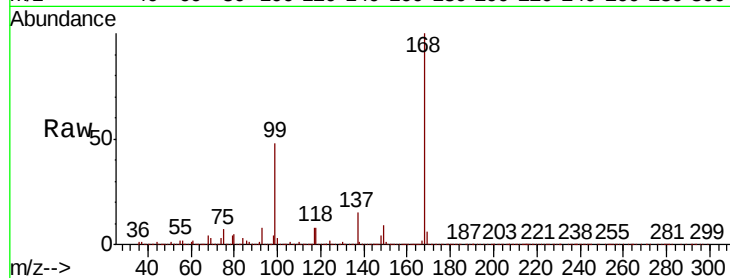
ClientSampled :

Tot Ion:168 Resp: 735868

Ion Ratio Lower Upper

168 100

99 48.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

150000

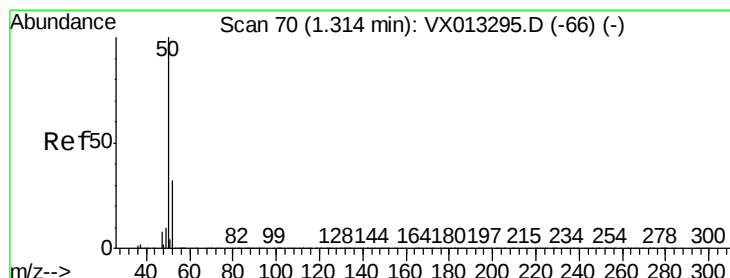
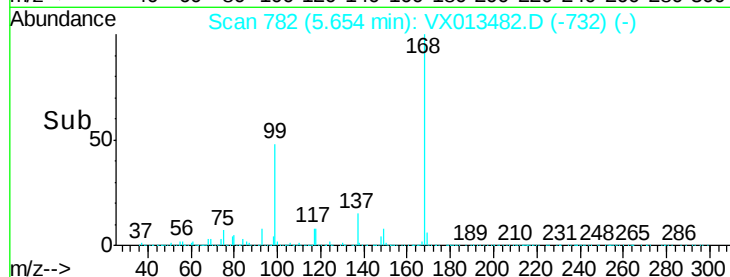
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.792 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013482.D

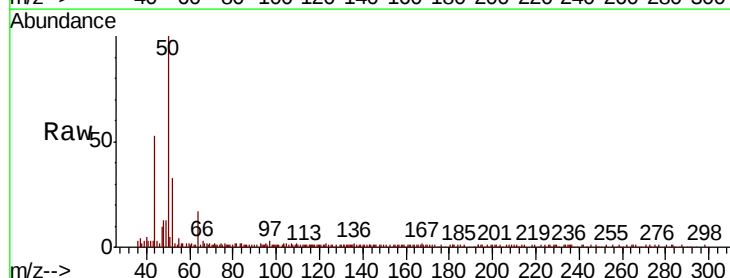
Acq: 20 Nov 2019 17:08

Tgt Ion: 50 Resp: 16474

Ion Ratio Lower Upper

50 100

52 31.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

20000

15000

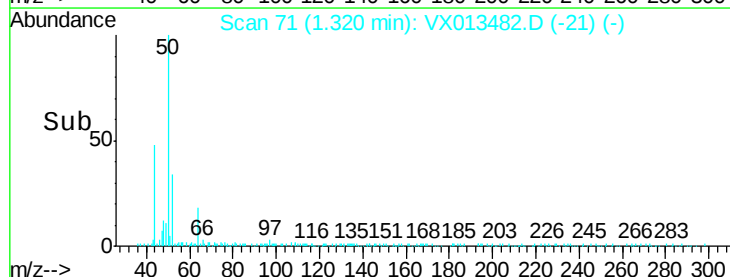
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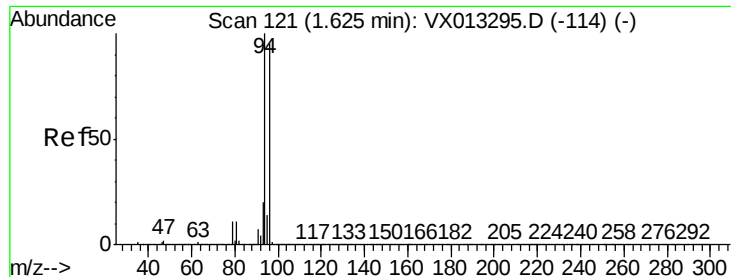
5000

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.364 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

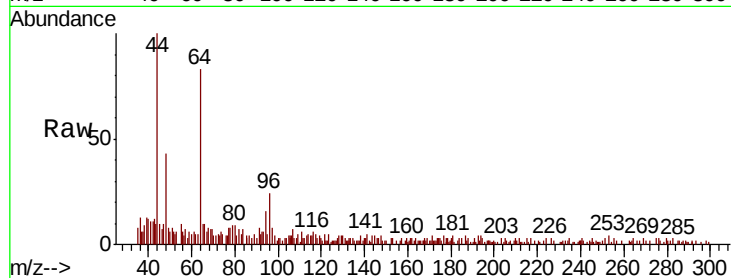
ClientSampled :

Tot Ion: 94 Resp: 2654

Ion Ratio Lower Upper

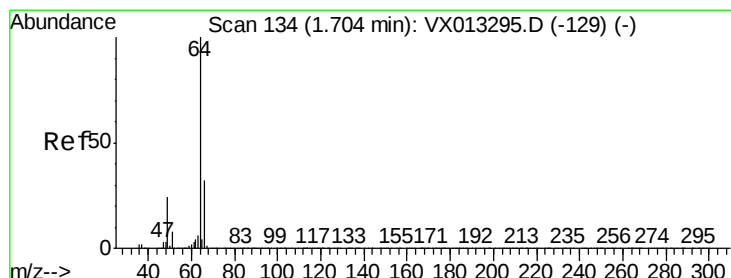
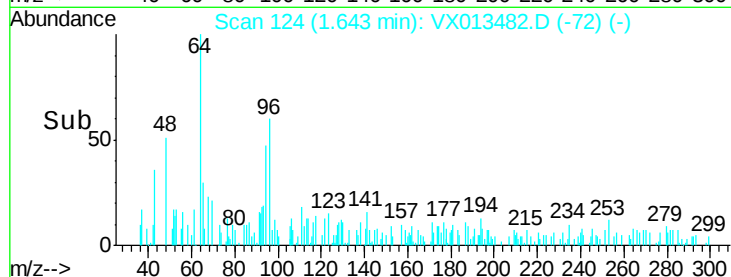
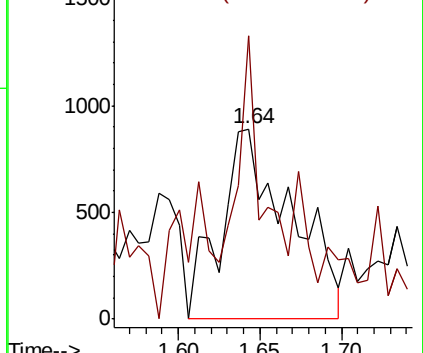
94 100

96 119.0 75.8 113.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX013482.D

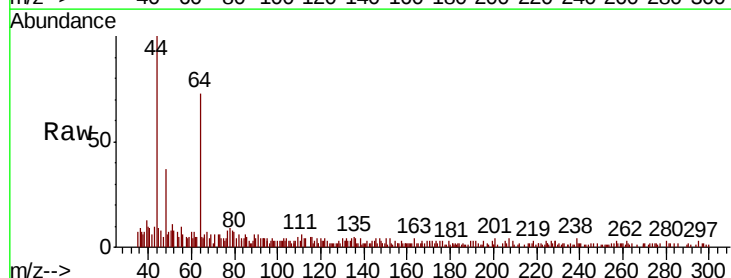
Acq: 20 Nov 2019 17:08

Tgt Ion: 64 Resp: 605

Ion Ratio Lower Upper

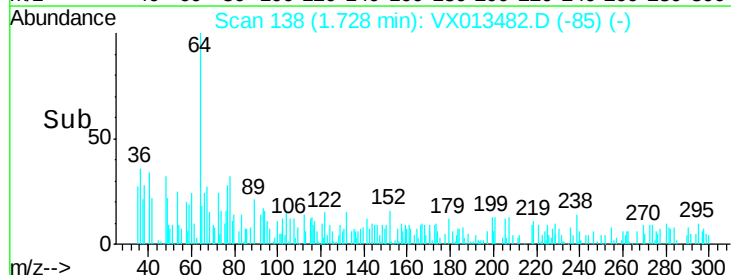
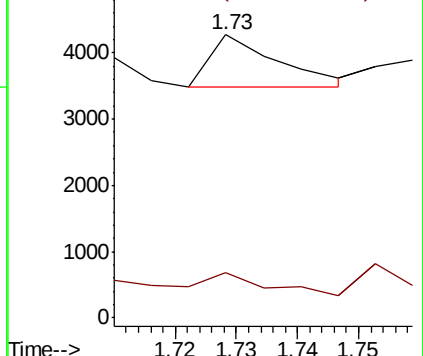
64 100

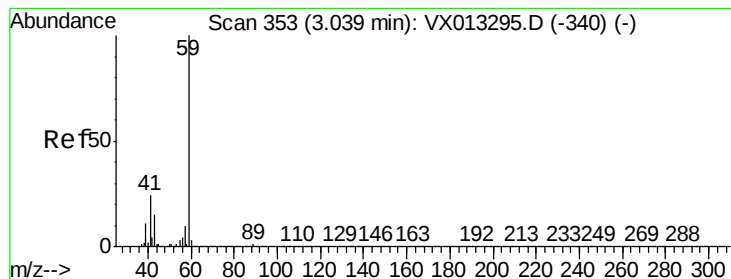
66 43.7 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



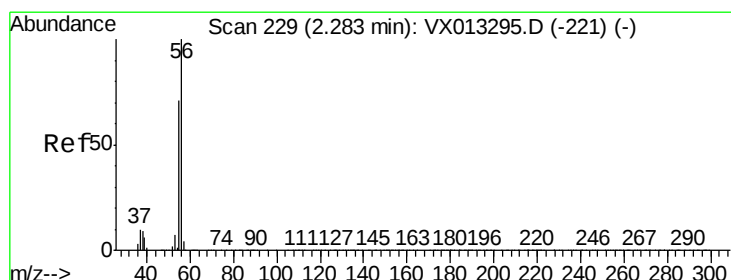
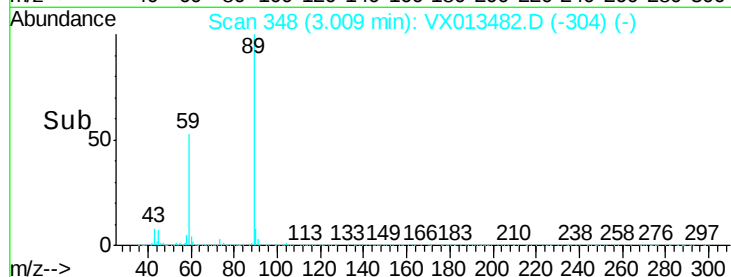
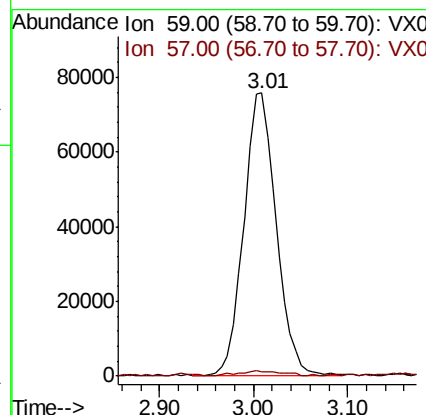
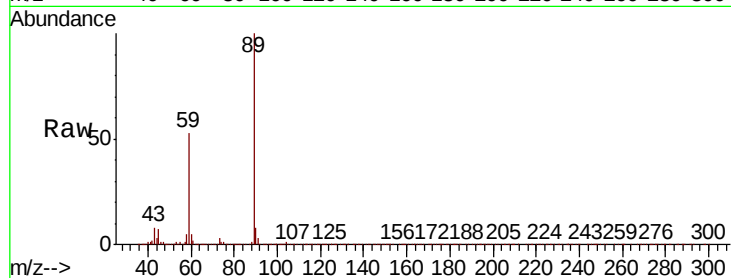


#11

Tert butyl alcohol
Concen: 78.498 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Instrument :
MSVOA_X
ClientSampled :

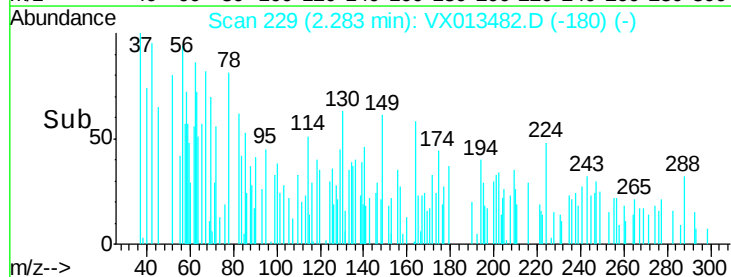
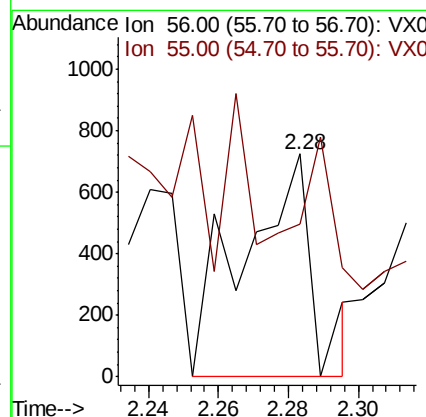
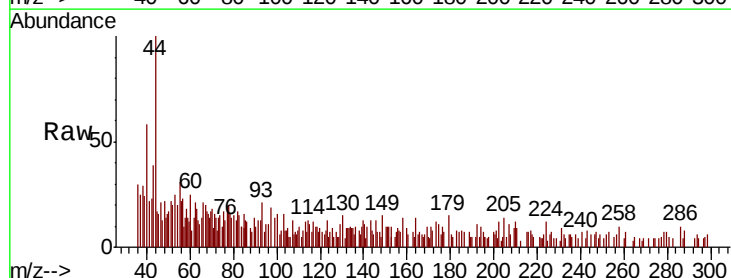
Tot Ion: 59 Resp: 180370
Ion Ratio Lower Upper
59 100
57 2.2 8.0 12.0#

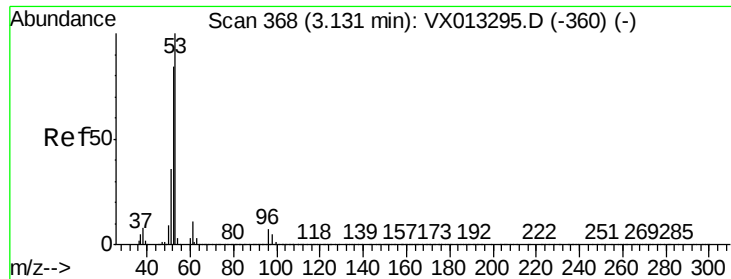


#13

Acrolein
Concen: 0.805 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 56 Resp: 1002
Ion Ratio Lower Upper
56 100
55 28.5 57.4 86.0#





#15

Acrylonitrile

Concen: 0.209 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

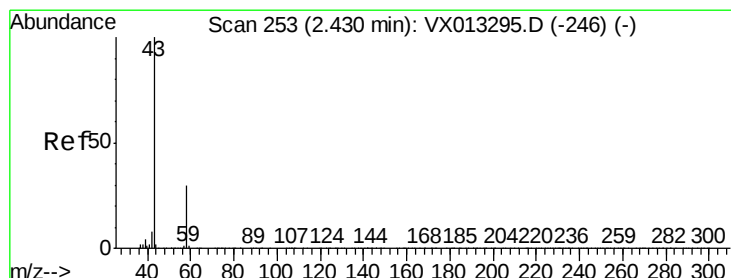
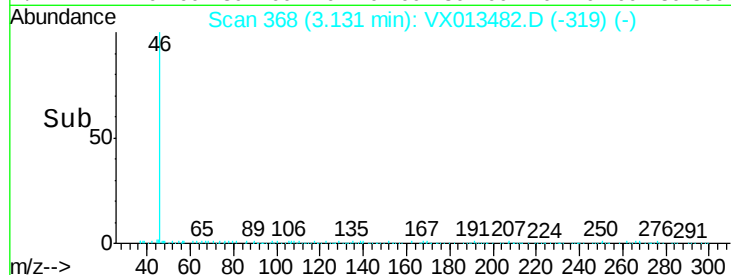
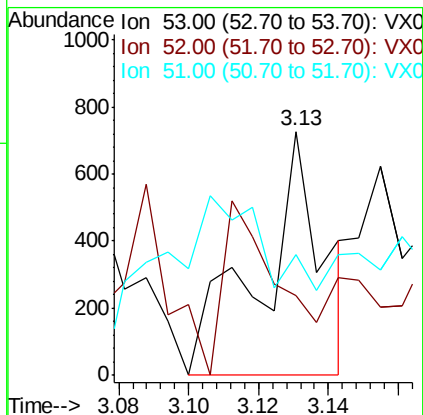
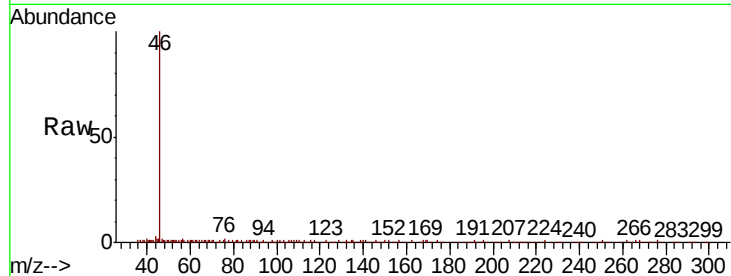
Tot Ion: 53 Resp: 899

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 0.0 29.4 44.2#



#16

Acetone

Concen: 2.167 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013482.D

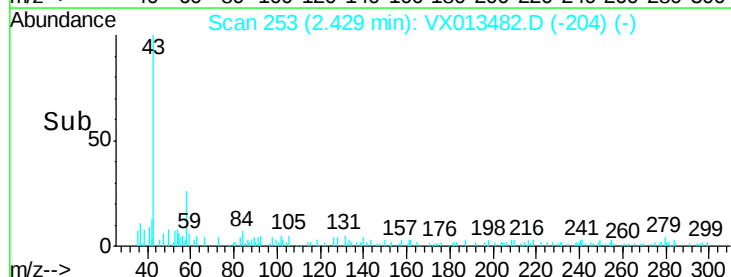
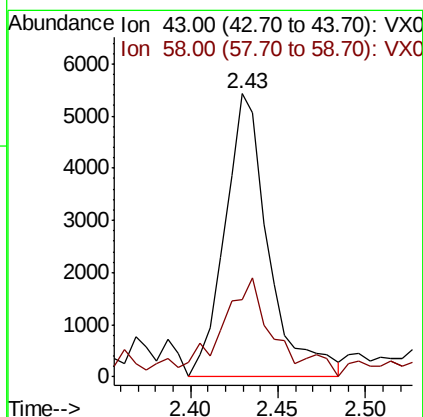
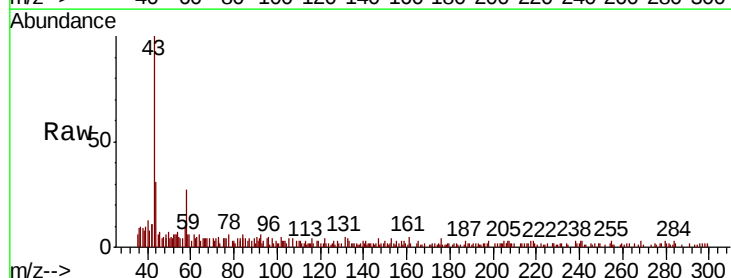
Acq: 20 Nov 2019 17:08

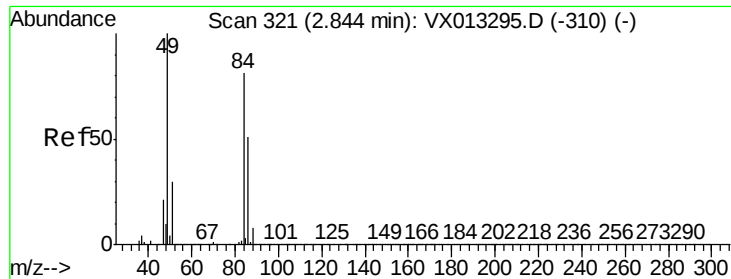
Tgt Ion: 43 Resp: 9424

Ion Ratio Lower Upper

43 100

58 22.4 24.3 36.5#

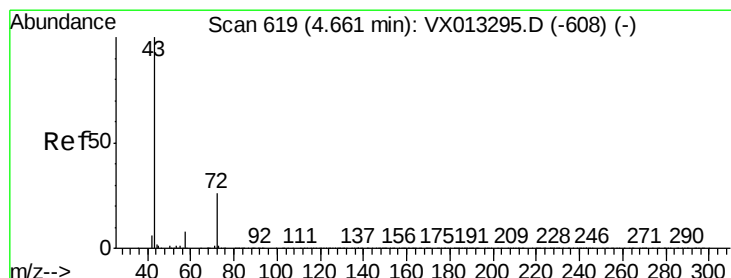
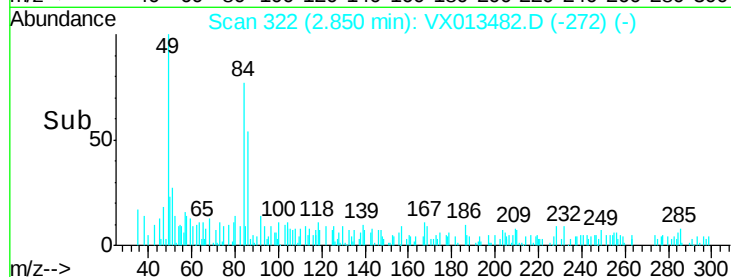
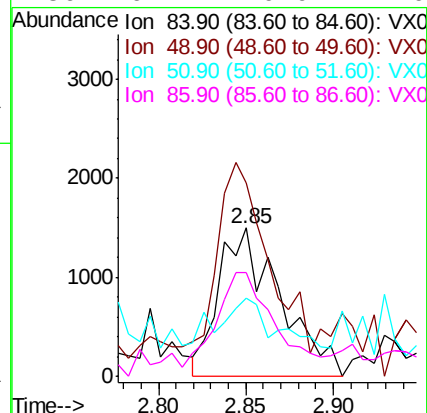
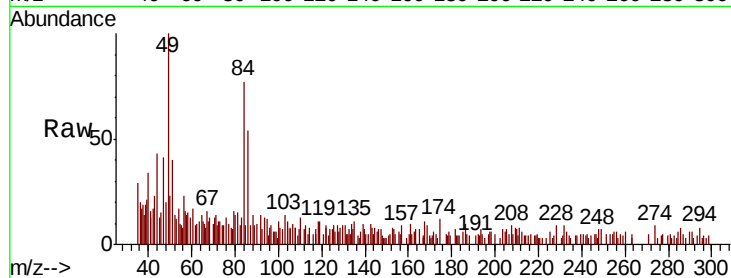




#20
Methvlene Chloride
Concen: 0.455 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

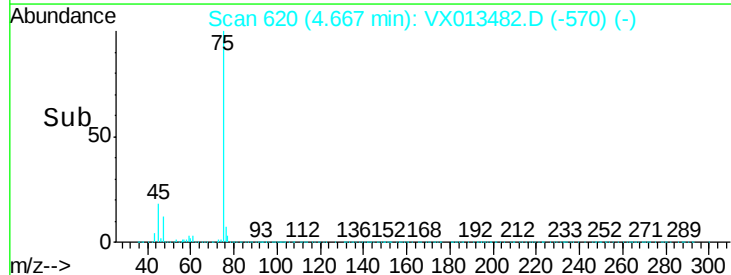
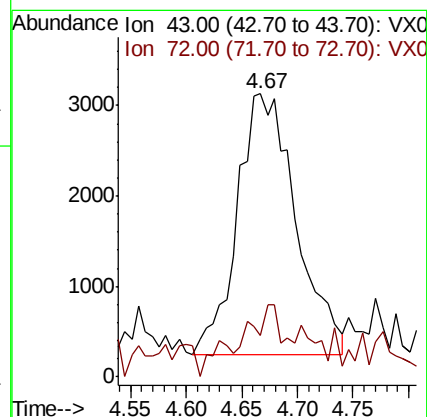
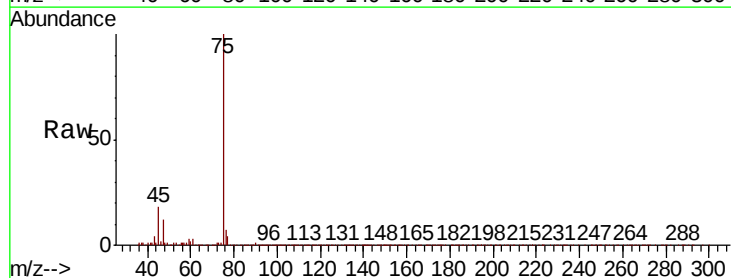
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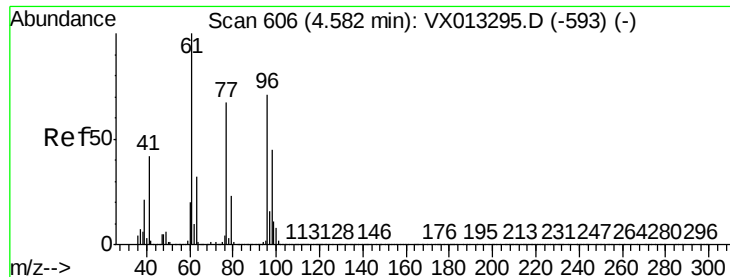
Tot Ion: 84 Resp: 3654
Ion Ratio Lower Upper
84 100
49 121.6 98.2 147.4
51 34.7 29.9 44.9
86 62.2 49.9 74.9



#25
2-Butanone
Concen: 1.664 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 43 Resp: 10618
Ion Ratio Lower Upper
43 100
72 11.6 21.0 31.6#



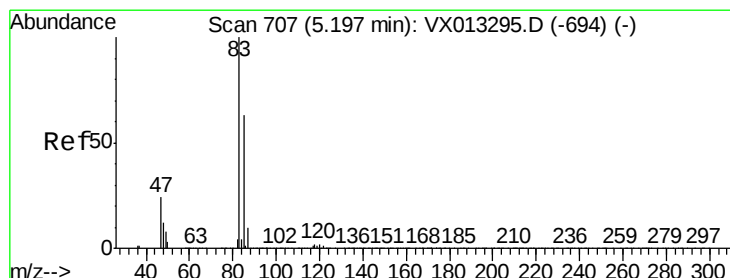
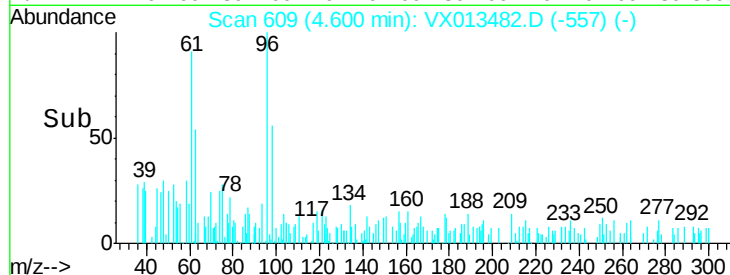
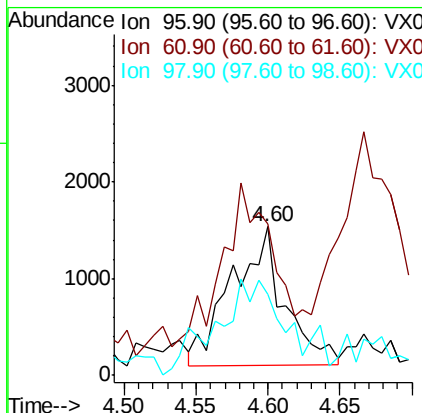
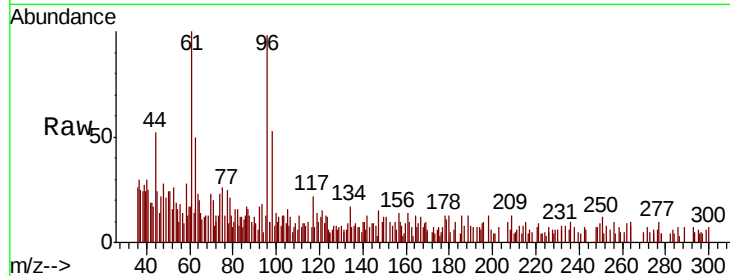


#27

cis-1,2-Dichloroethene
Concen: 0.446 ug/l
RT: 4.60 min Scan# 609
Delta R.T. 0.02 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Instrument :
MSVOA_X
ClientSampled :

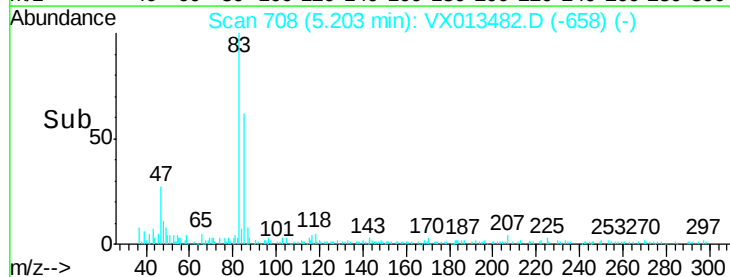
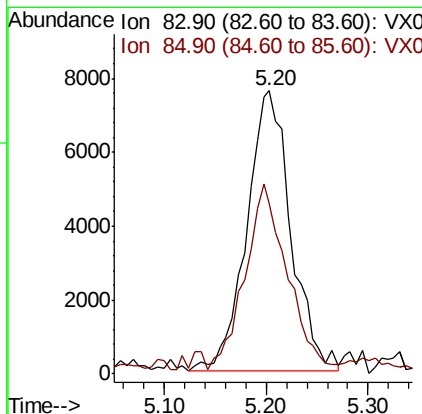
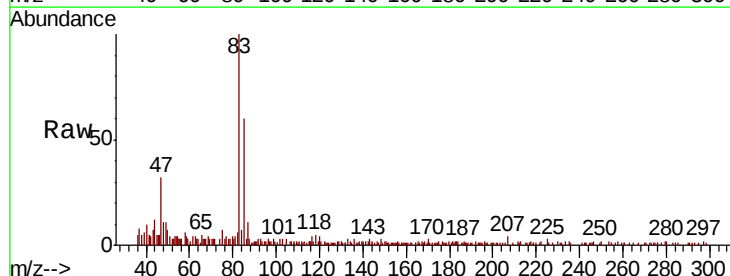
Tot Ion: 96 Resp: 3676
Ion Ratio Lower Upper
96 100
61 123.0 0.0 288.0
98 84.2 0.0 129.6

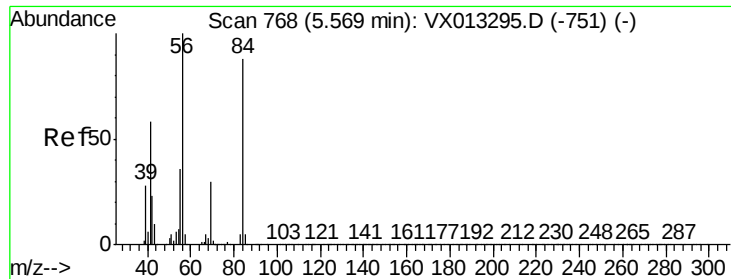


#30

Chloroform
Concen: 1.739 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 83 Resp: 22749
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4

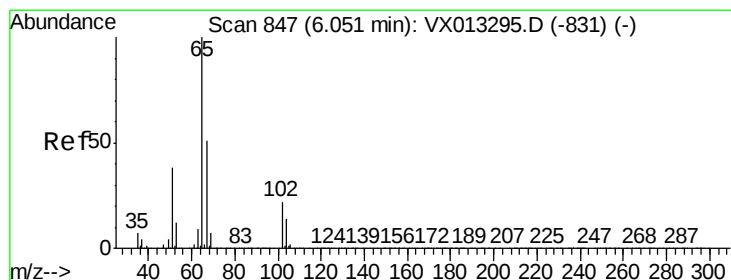
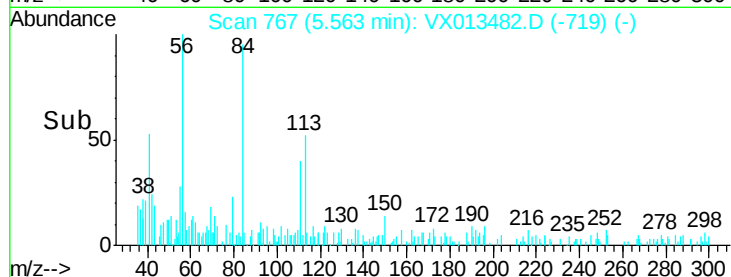
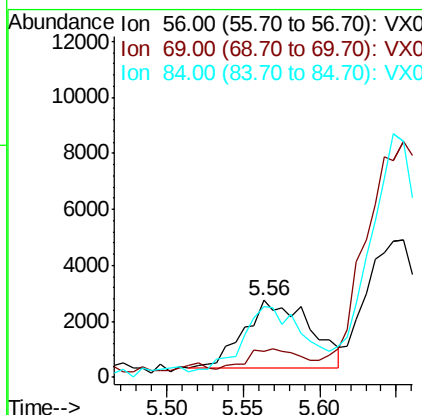
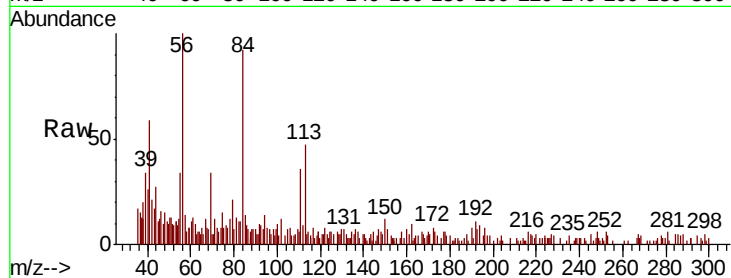




#31
Cyclohexane
Concen: 0.609 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

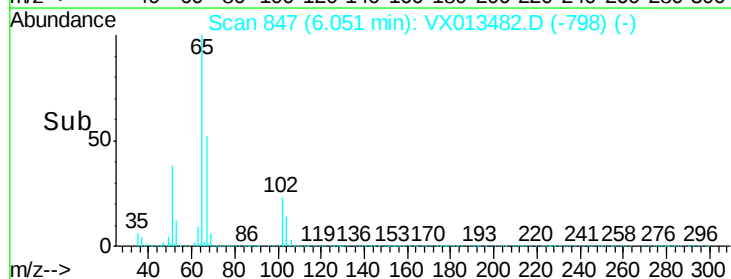
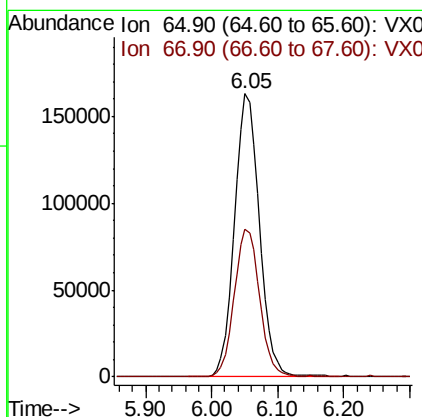
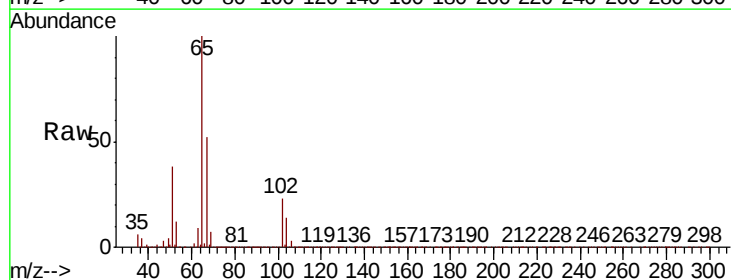
Instrument :
MSVOA_X
ClientSampleId :

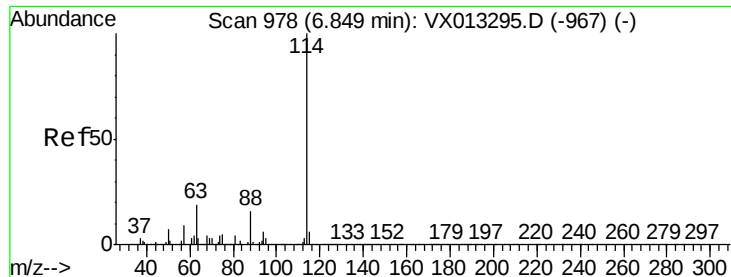
Tot Ion: 56 Resp: 7254
Ion Ratio Lower Upper
56 100
69 20.9 23.7 35.5#
84 95.9 70.6 105.8



#33
1,2-Dichloroethane-d4
Concen: 48.967 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 65 Resp: 426890
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

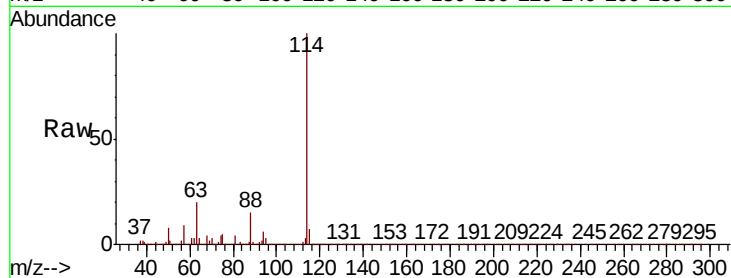
Tot Ion:114 Resp: 1180143

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

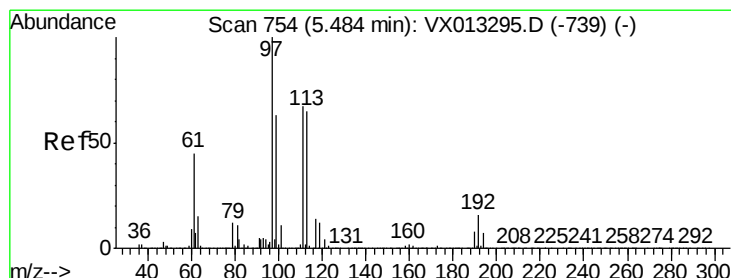
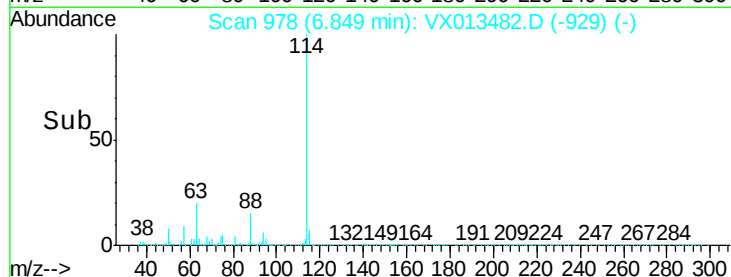
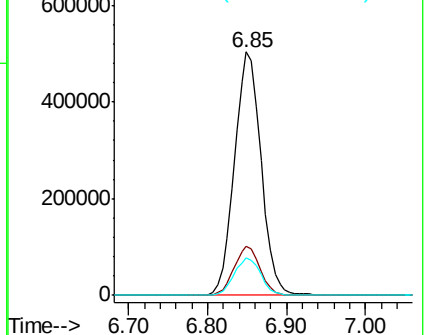
88 15.1 0.0 32.2



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: 48.359 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

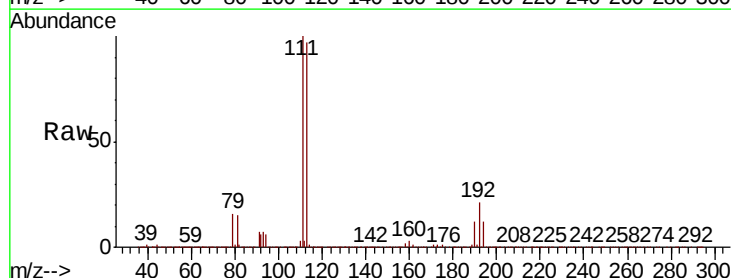
Tgt Ion:113 Resp: 357957

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

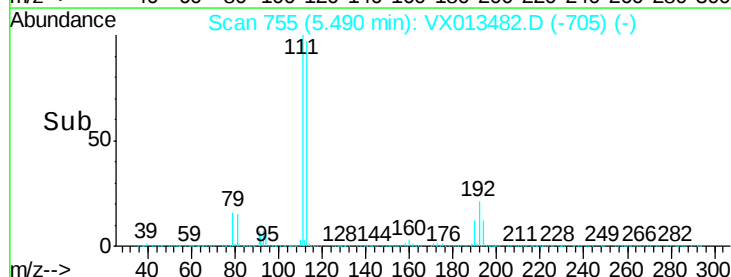
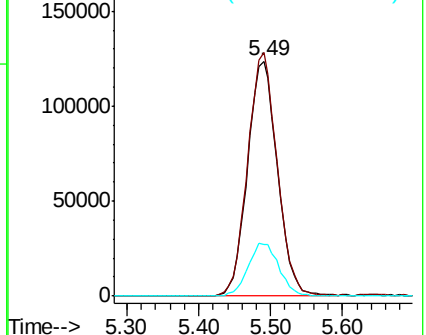
192 22.8 19.1 28.7

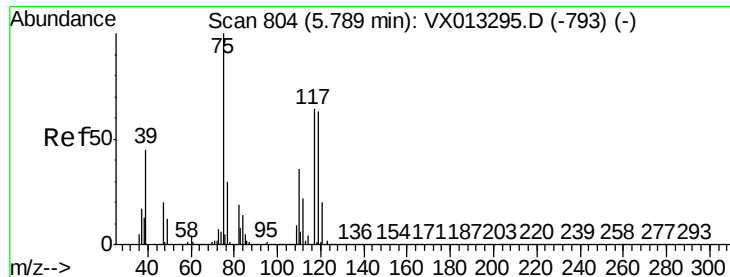


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

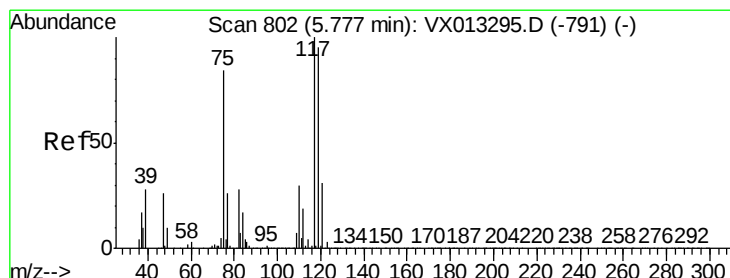
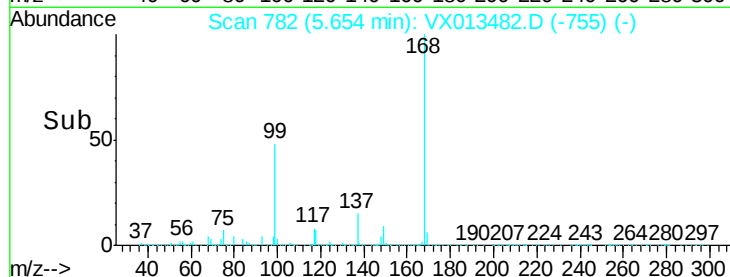
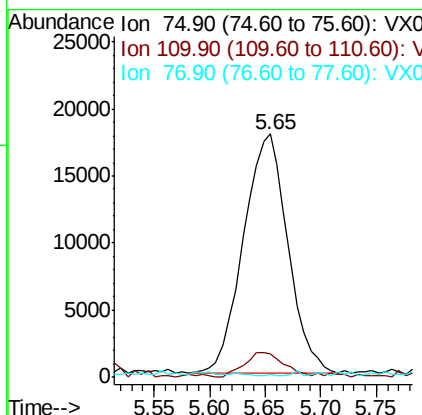
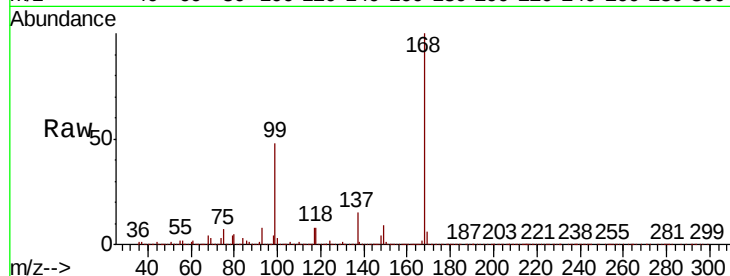




#36
 1,1-Dichloropropene
 Concen: 4.887 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013482.D
 Acq: 20 Nov 2019 17:08

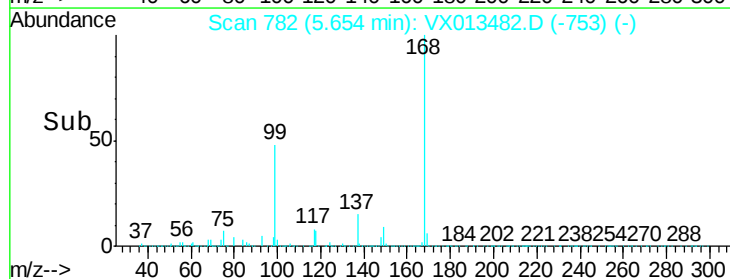
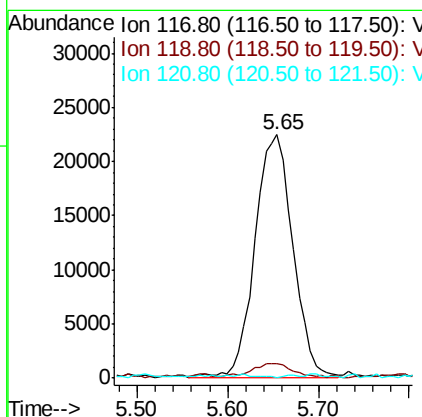
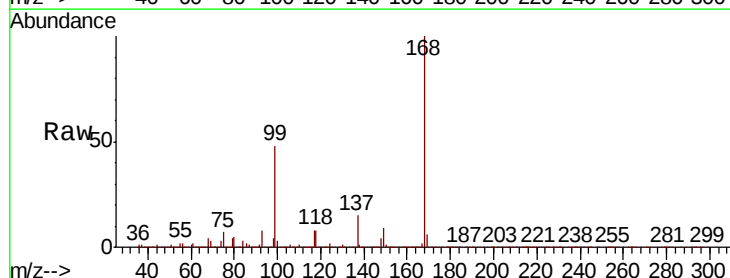
Instrument :
 MSVOA_X
 ClientSampleId :

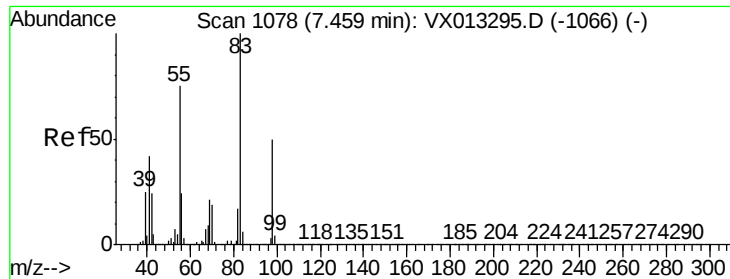
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.2	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.618 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013482.D
 Acq: 20 Nov 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.1	114.1#
121	0.0	24.6	37.0#

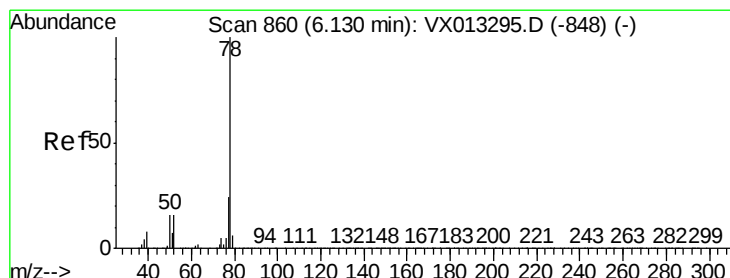
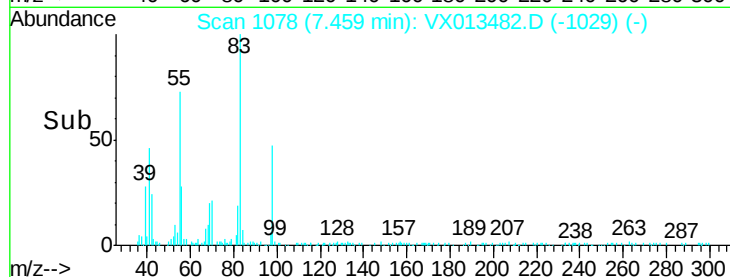
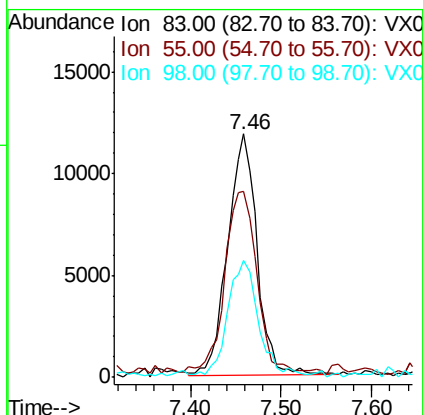
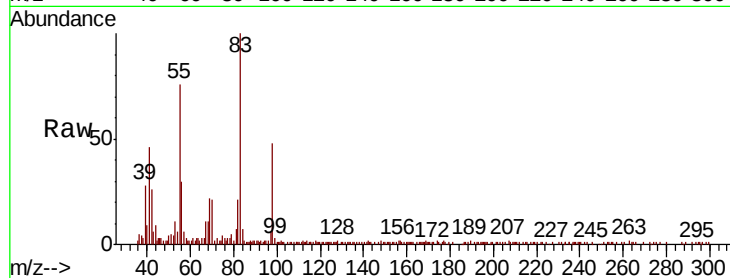




#39
Methvlcvclohexane
Concen: 2.110 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

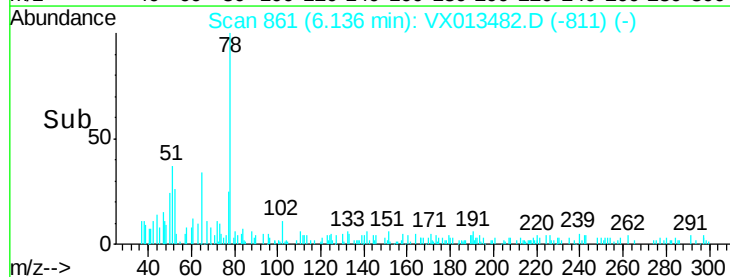
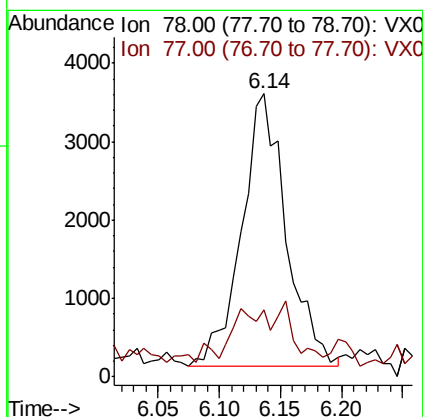
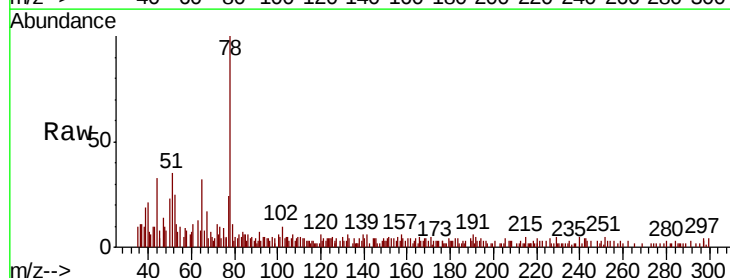
Instrument :
MSVOA_X
ClientSampleId :

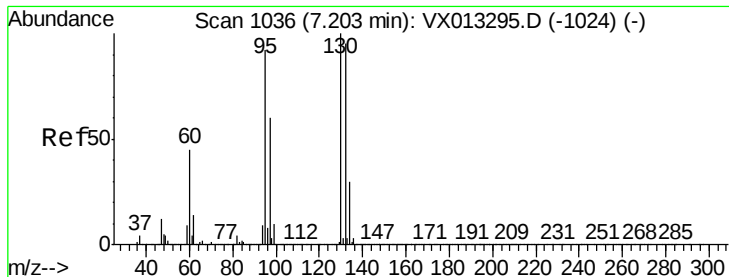
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.3	90.5
98	47.6	40.3	60.5



#40
Benzene
Concen: 0.278 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	17.4	19.5	29.3#





#44

Trichloroethene

Concen: 0.606 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

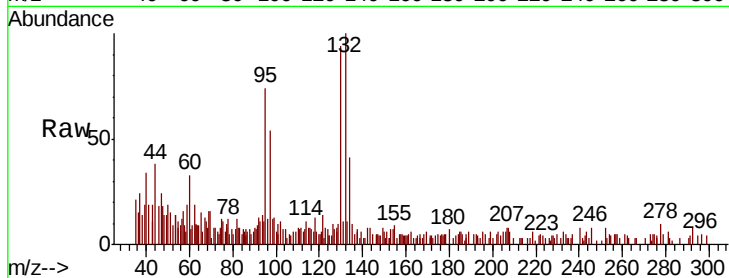
ClientSampled :

Tot Ion:130 Resp: 5263

Ion Ratio Lower Upper

130 100

95 64.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

2500

2000

1500

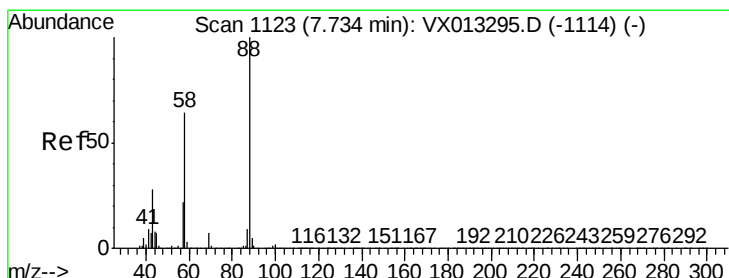
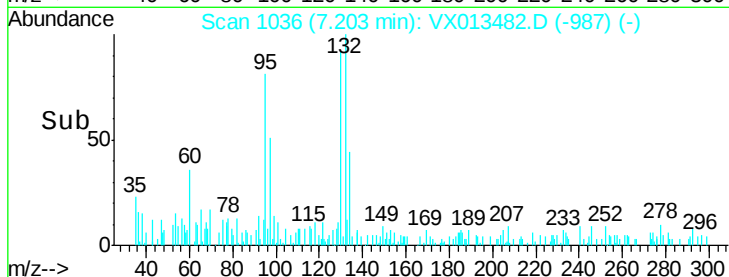
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 2.070 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

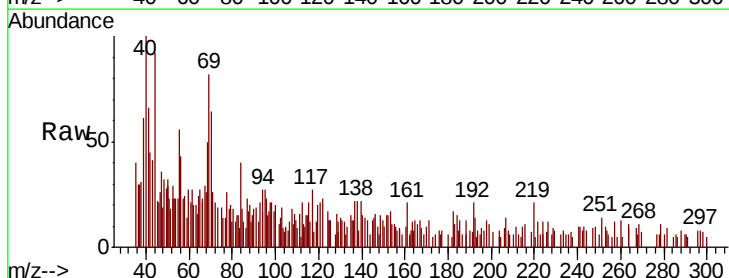
Tgt Ion: 88 Resp: 461

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 0.0 55.0 82.6#



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

1000

800

600

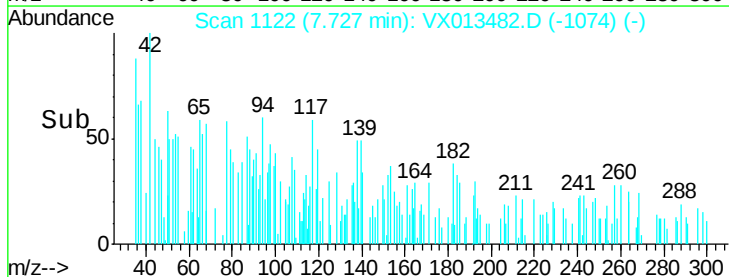
400

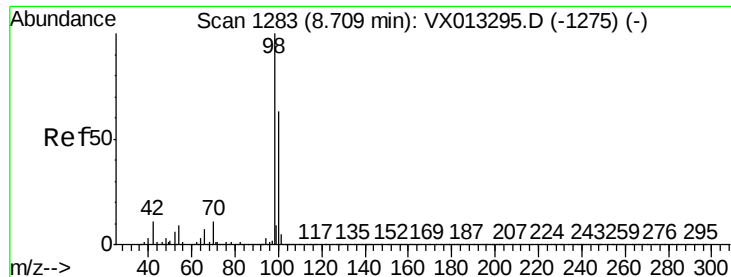
200

0

7.70 7.72 7.74

Time-->

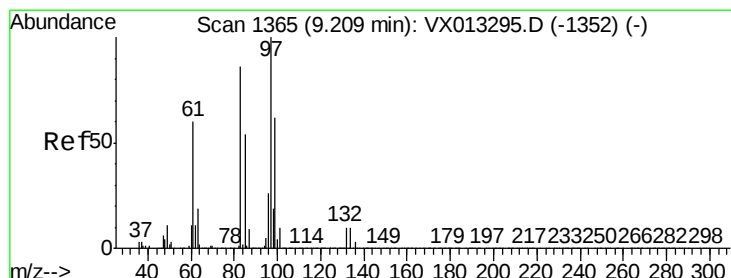
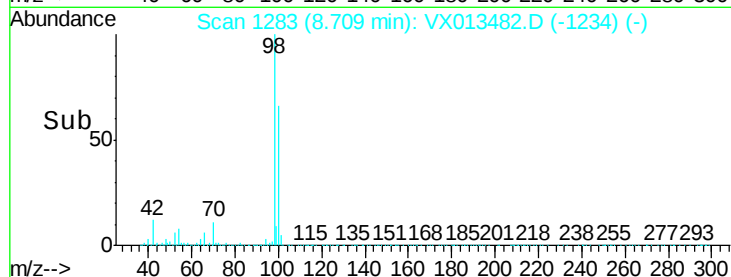
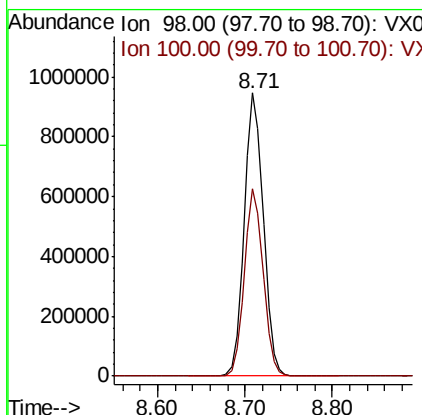
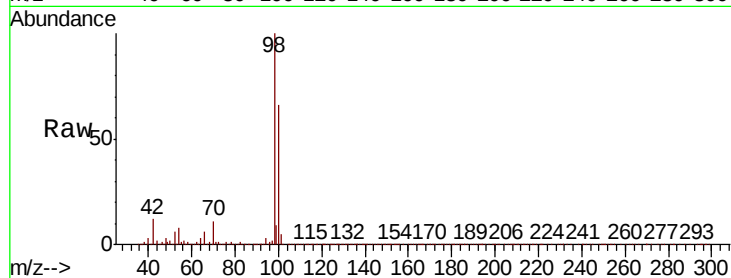




#50
Toluene-d8
Concen: 51.352 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

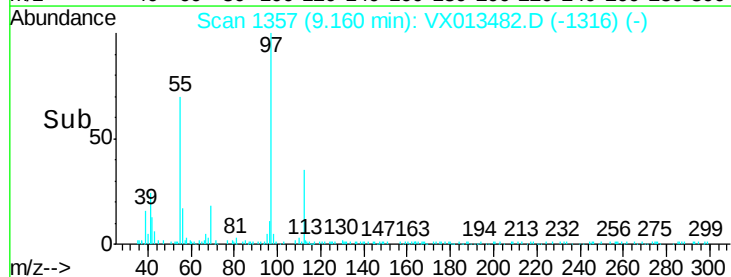
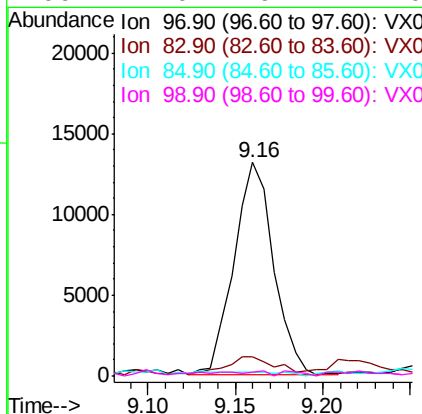
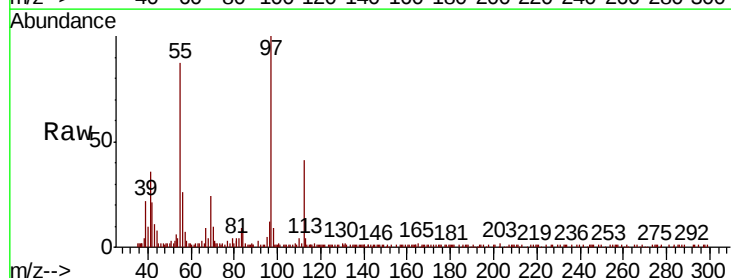
Instrument :
MSVOA_X
ClientSampleId :

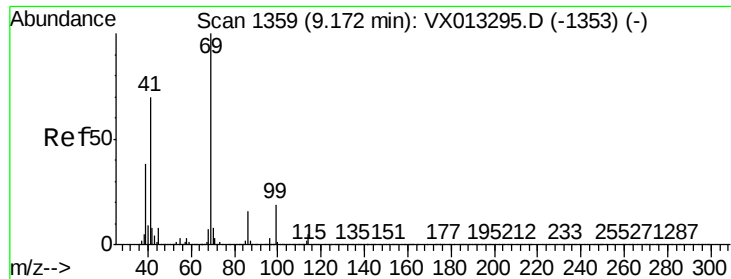
Tot Ion: 98 Resp: 1432971
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#55
1,1,2-Trichloroethane
Concen: 2.539 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 97 Resp: 20571
Ion Ratio Lower Upper
97 100
83 8.2 68.6 103.0#
85 0.8 43.1 64.7#
99 1.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 1.912 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

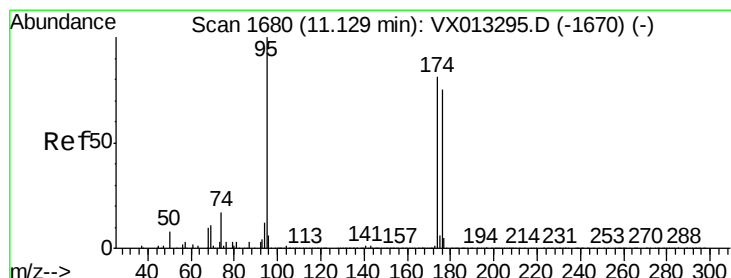
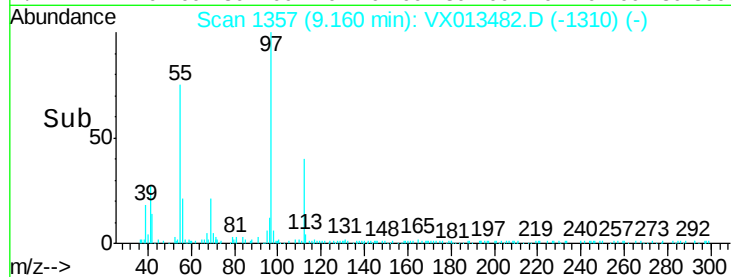
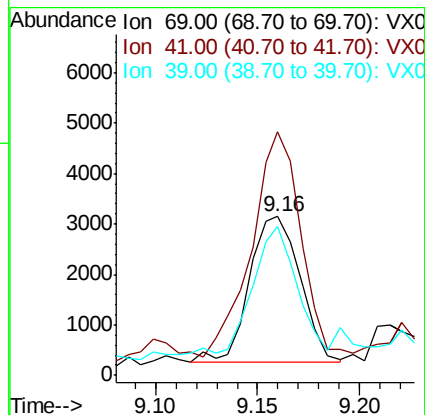
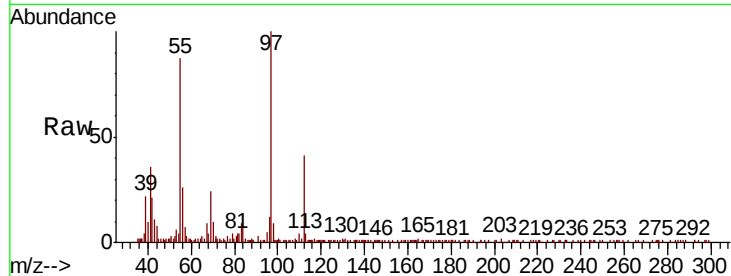
Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 4979

Ion	Ratio	Lower	Upper
69	100		
41	150.3	56.2	84.2#
39	87.2	31.1	46.7#



#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 11.14 min Scan# 1681

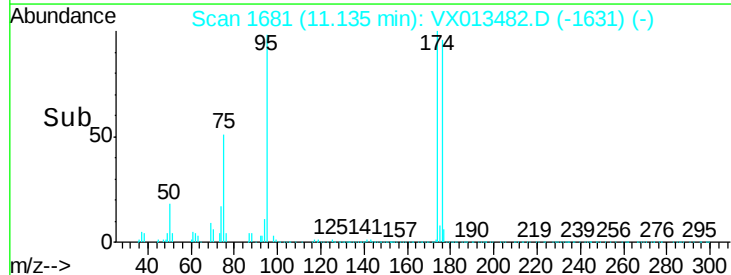
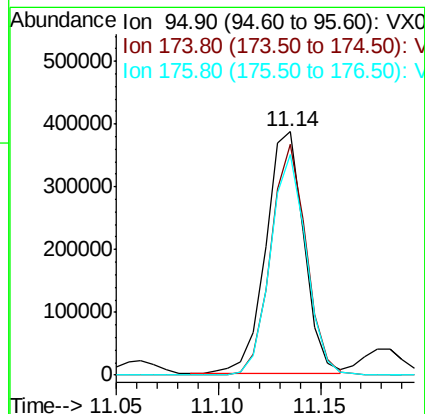
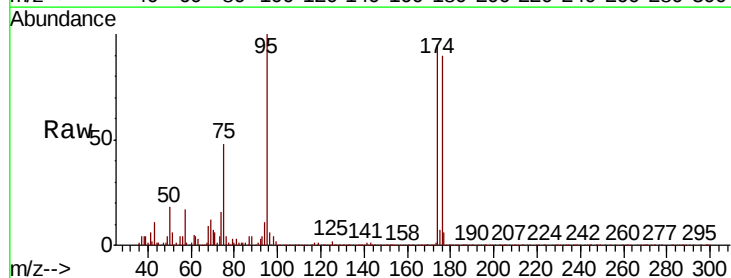
Delta R.T. 0.01 min

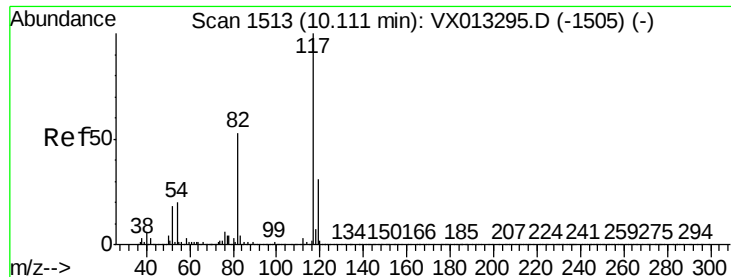
Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Tgt Ion: 95 Resp: 503088

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	179.8
176	85.8	0.0	173.0

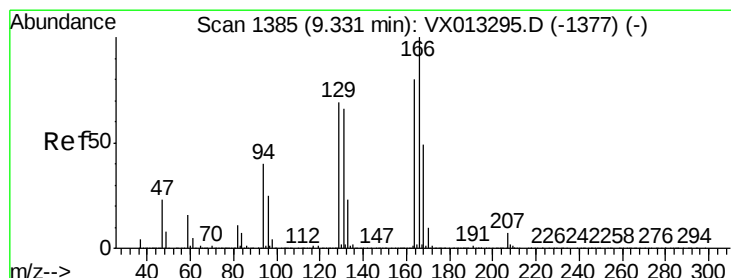
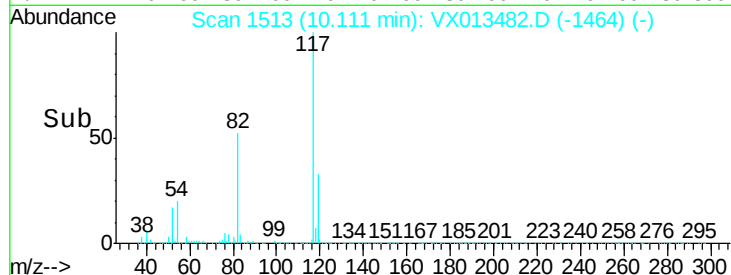
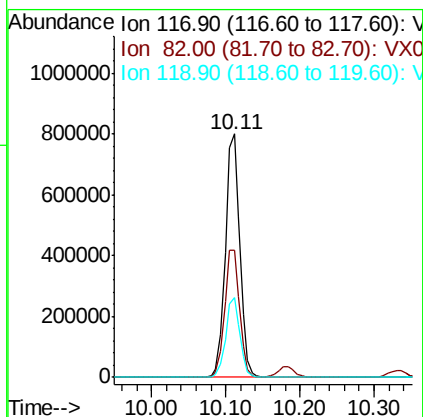
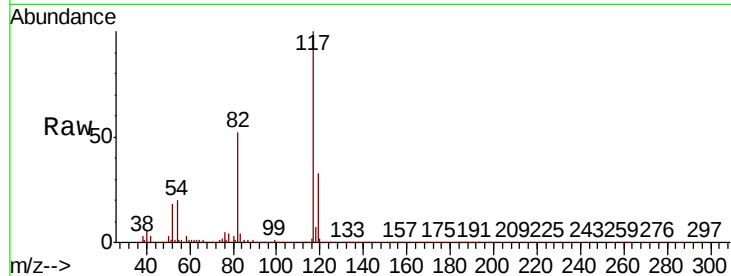




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

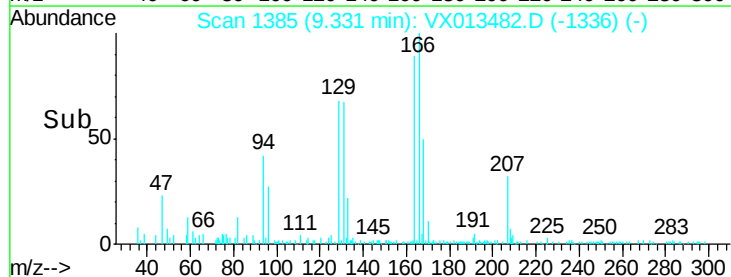
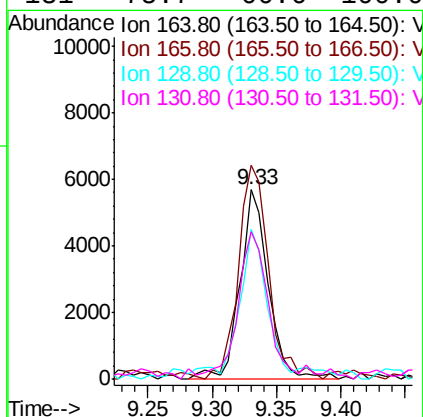
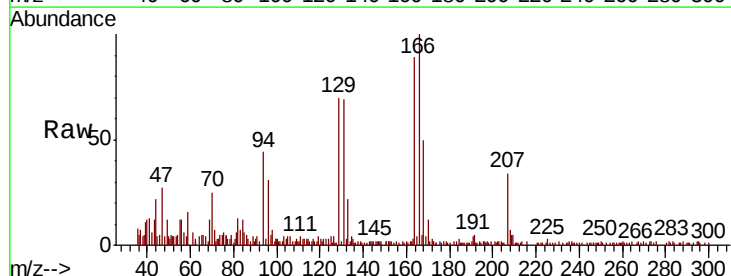
Instrument :
MSVOA_X
ClientSampled :

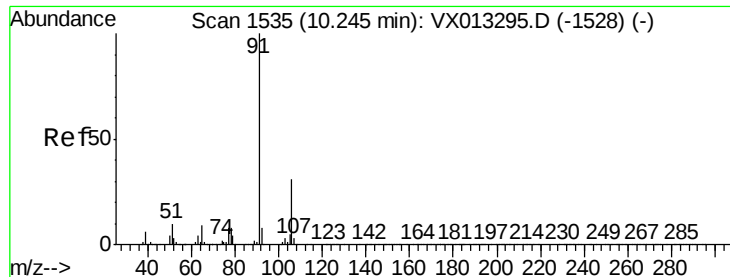
Tot Ion:117 Resp: 1084264
Ion Ratio Lower Upper
117 100
82 52.3 42.6 64.0
119 32.8 24.8 37.2



#64
Tetrachloroethene
Concen: 1.112 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion:164 Resp: 8635
Ion Ratio Lower Upper
164 100
166 110.2 100.4 150.6
129 76.9 69.4 104.2
131 75.7 66.6 100.0





#67

Ethyl Benzene

Concen: 100.101 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

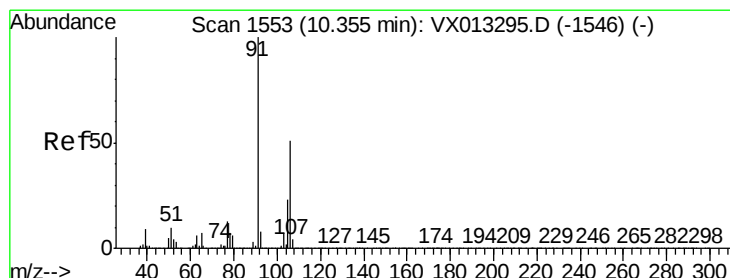
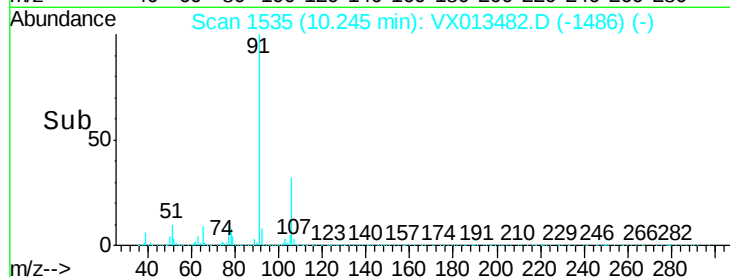
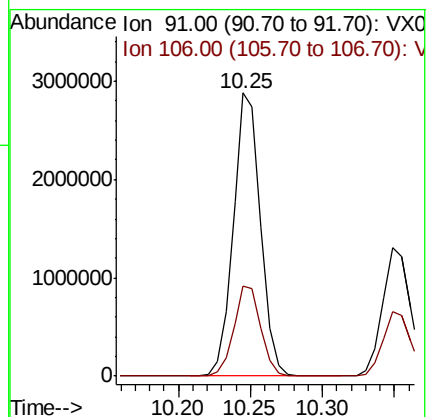
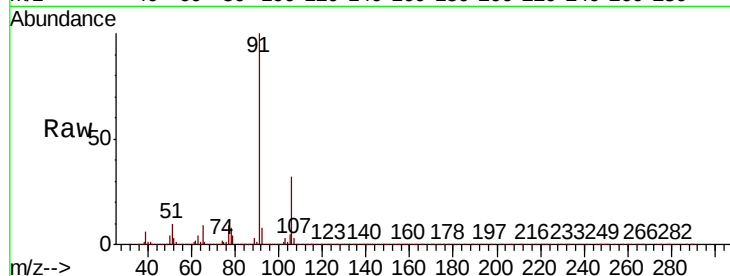
ClientSampleId :

Tot Ion: 91 Resp: 3792420

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 60.010 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX013482.D

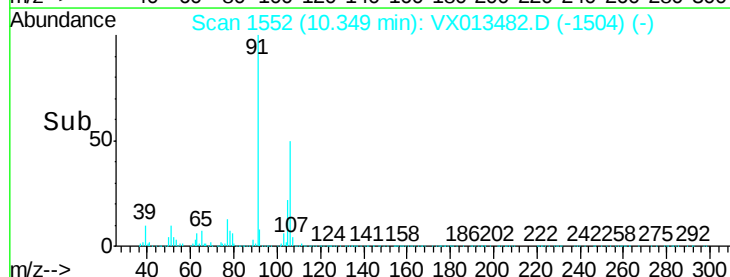
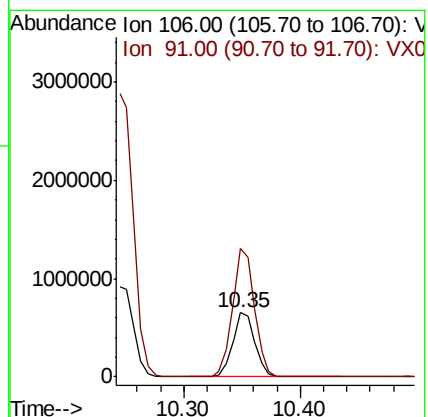
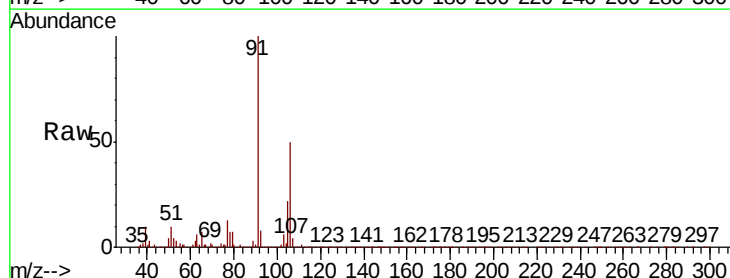
Acq: 20 Nov 2019 17:08

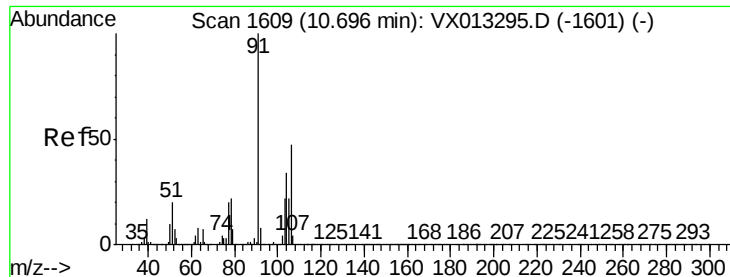
Tgt Ion: 106 Resp: 859828

Ion Ratio Lower Upper

106 100

91 199.7 159.3 238.9

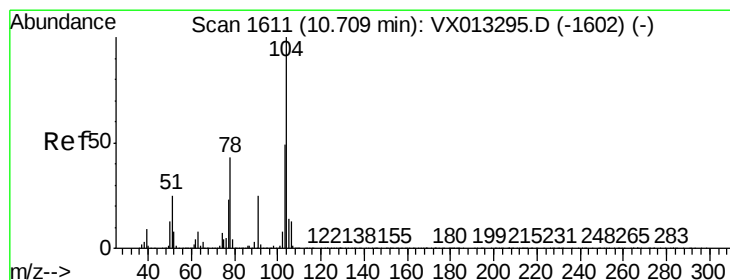
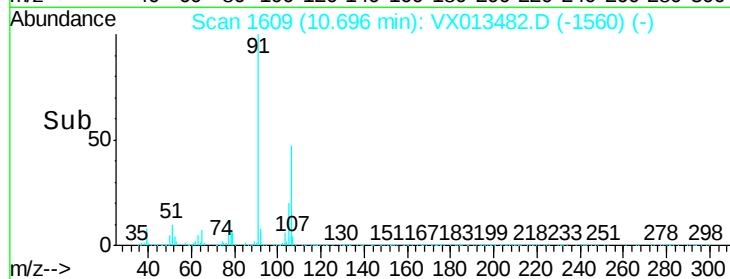
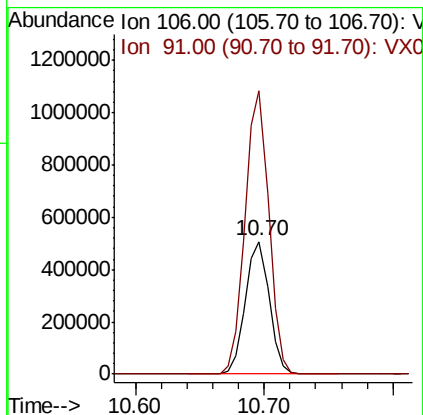
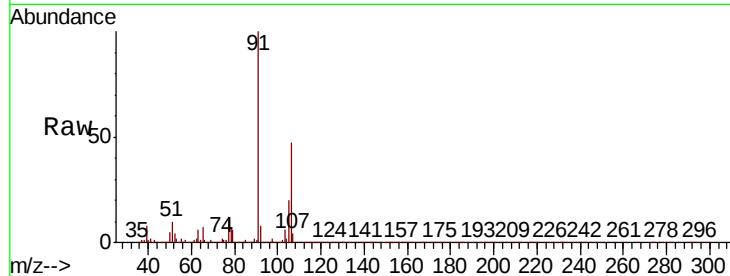




#69
o-Xylene
Concen: 46.061 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

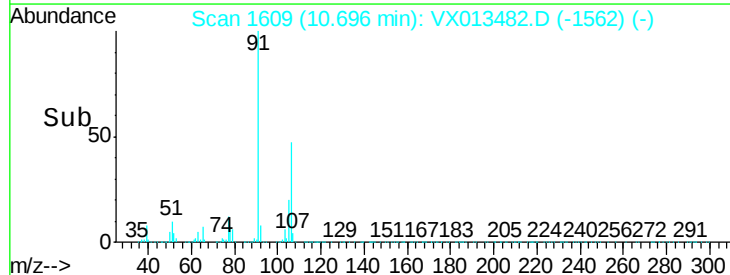
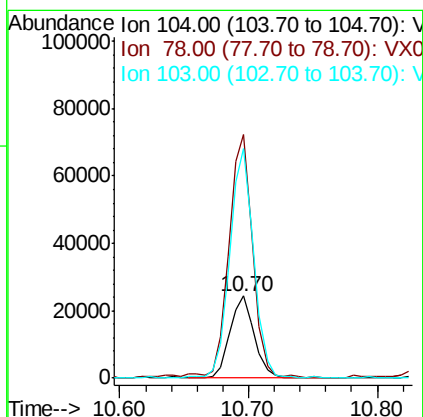
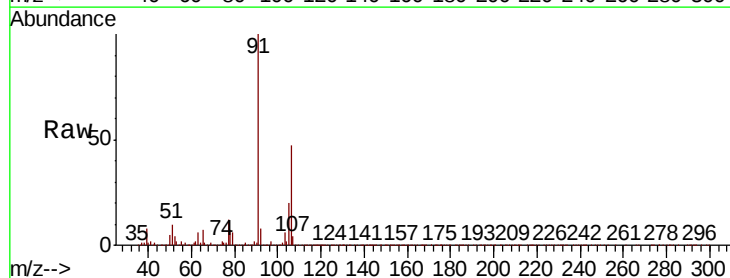
Instrument :
MSVOA_X
ClientSampleId :

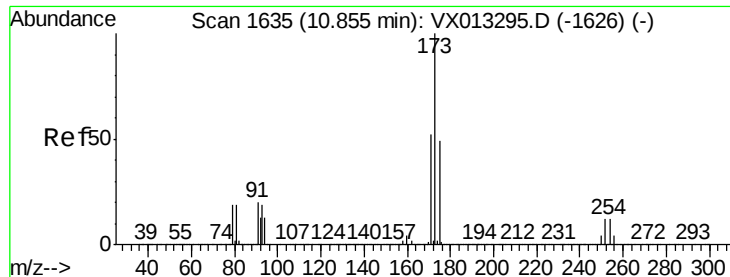
Tot Ion:106 Resp: 646124
Ion Ratio Lower Upper
106 100
91 212.9 105.7 317.0



#70
Styrene
Concen: 1.380 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion:104 Resp: 32369
Ion Ratio Lower Upper
104 100
78 290.5 40.0 60.0#
103 271.1 44.1 66.1#

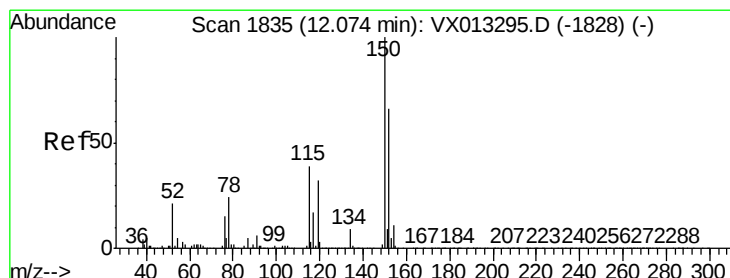
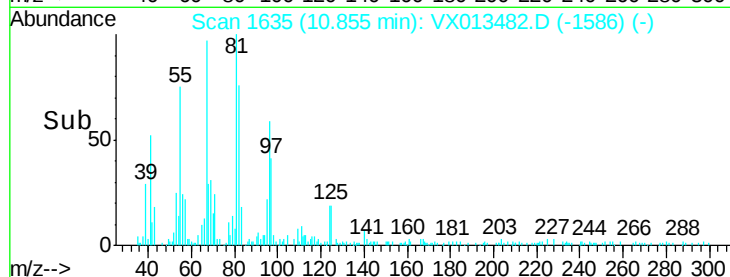
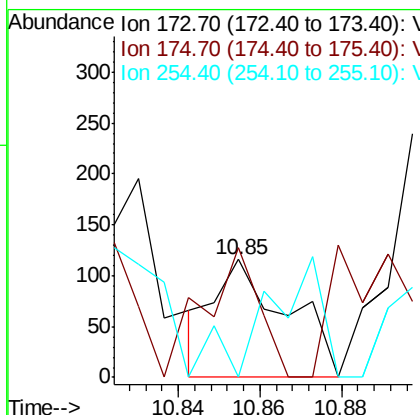
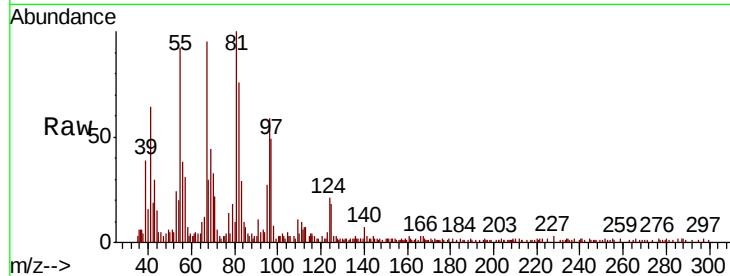




#71
Bromoform
Concen: 3.220 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

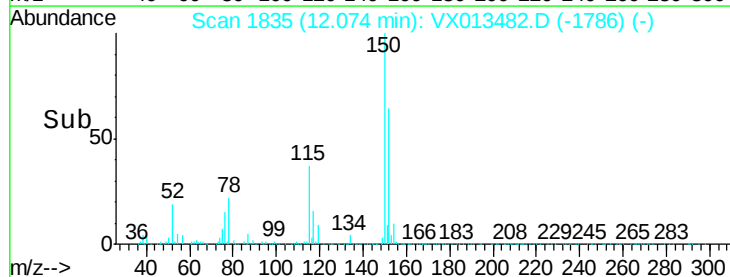
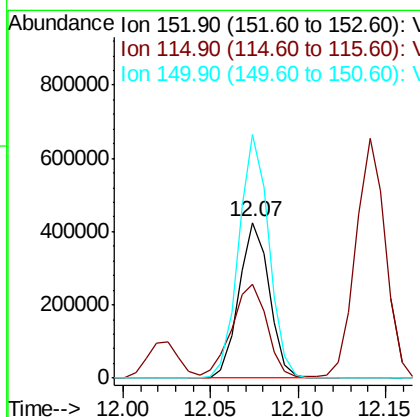
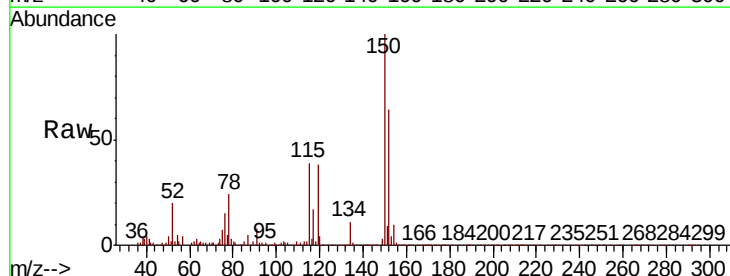
Instrument :
MSVOA_X
ClientSampleId :

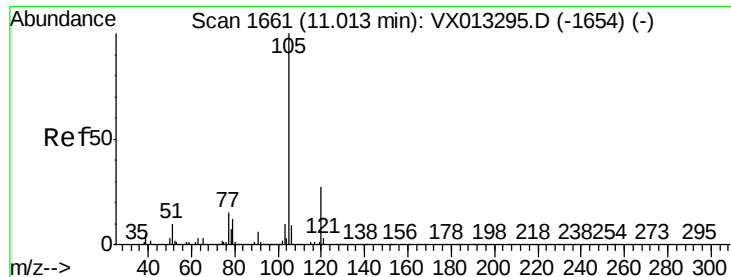
Tot Ion:173 Resp: 143
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 67.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion:152 Resp: 510764
Ion Ratio Lower Upper
152 100
115 69.2 39.5 118.3
150 155.6 0.0 344.4





#73

Isopropylbenzene

Concen: 107.543 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

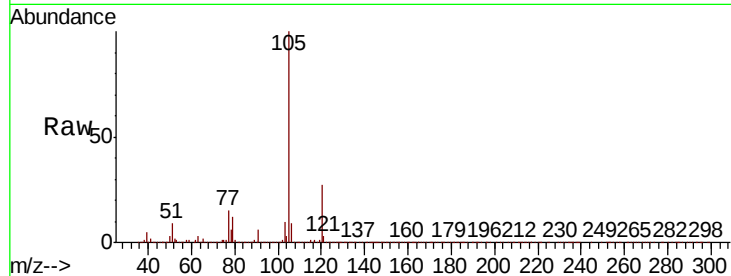
ClientSampleId :

Tot Ion:105 Resp: 3641878

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

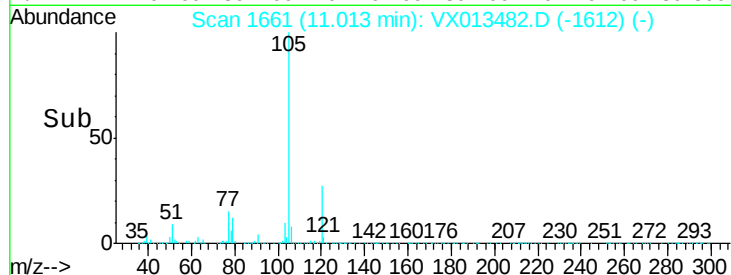
3000000

2000000

1000000

0

Time-->



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

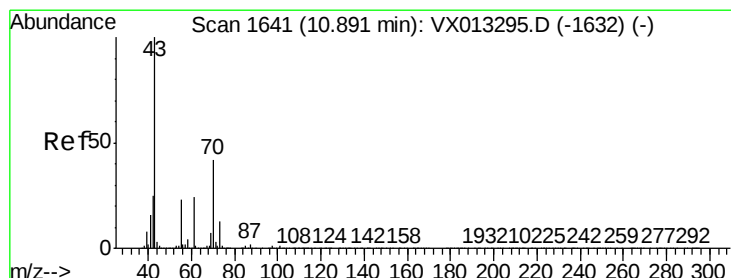
3000000

2000000

1000000

0

Time-->



#74

N-ethyl acetate

Concen: 3.483 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Tgt Ion: 43 Resp: 54689

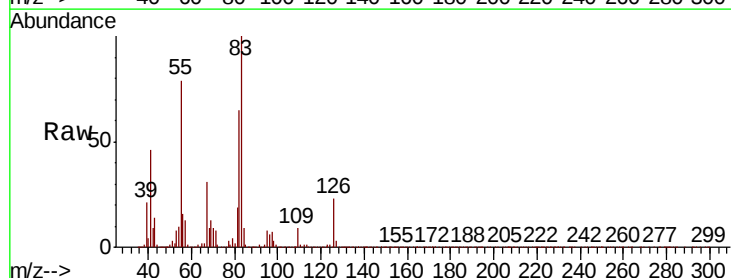
Ion Ratio Lower Upper

43 100

70 107.0 34.1 51.1#

55 489.0 18.9 28.3#

61 0.0 19.2 28.8#



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

250000

200000

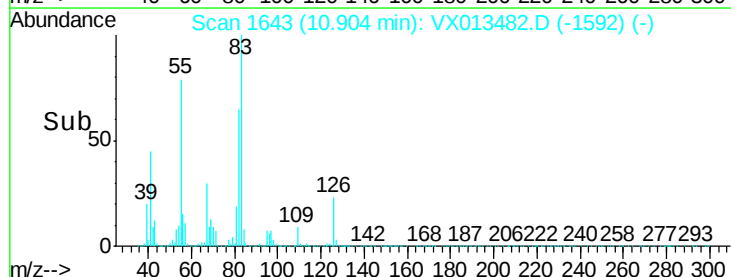
150000

100000

50000

0

Time-->



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

250000

200000

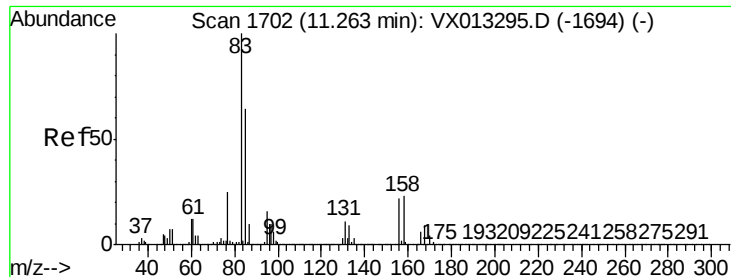
150000

100000

50000

0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 3.818 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

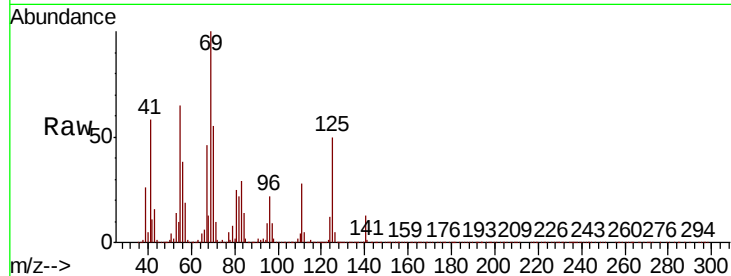
Tot Ion: 83 Resp: 47166

Ion Ratio Lower Upper

83 100

131 0.2 5.1 15.3#

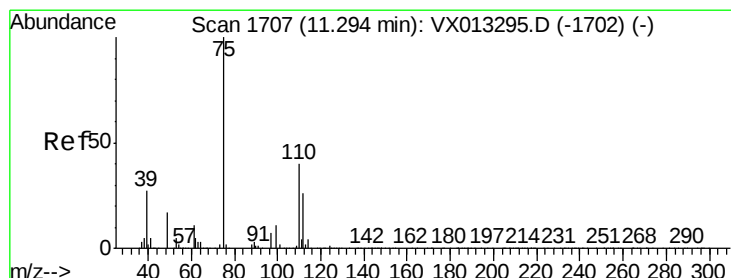
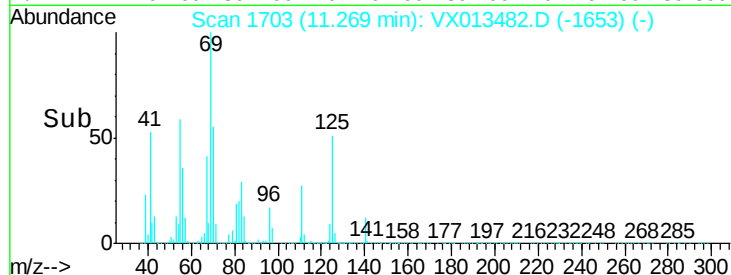
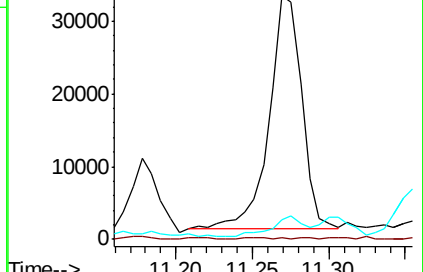
85 0.0 32.3 96.8#



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: 4.168 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013482.D

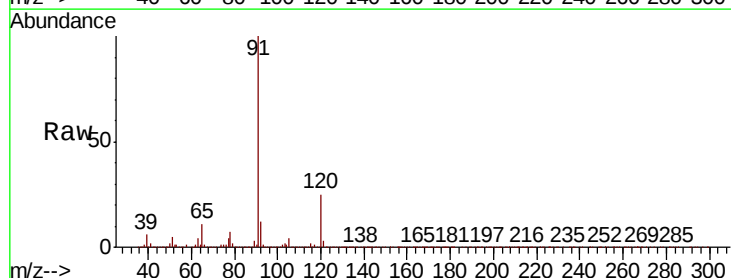
Acq: 20 Nov 2019 17:08

Tgt Ion: 75 Resp: 43236

Ion Ratio Lower Upper

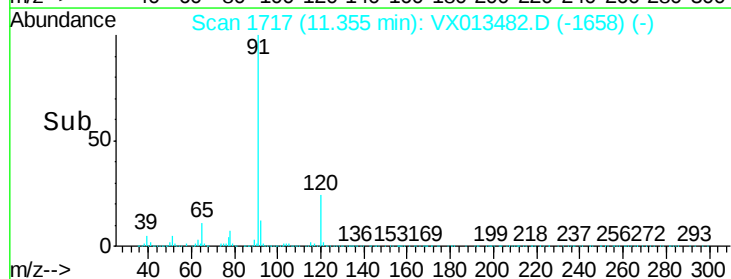
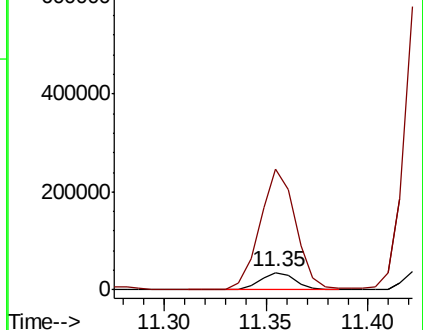
75 100

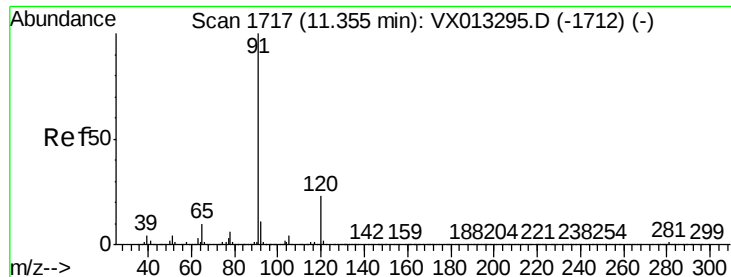
77 694.3 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 196.872 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

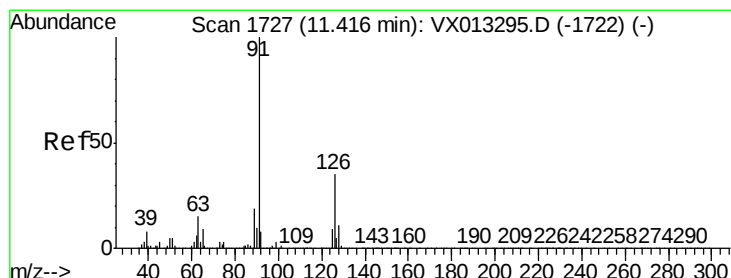
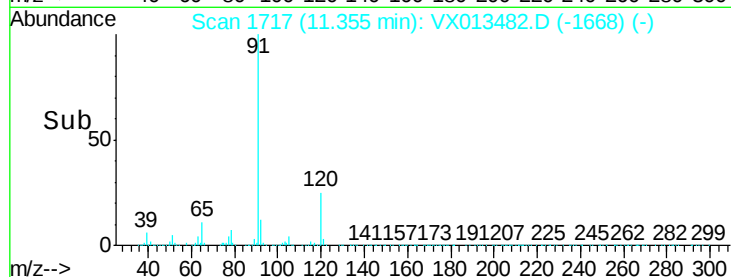
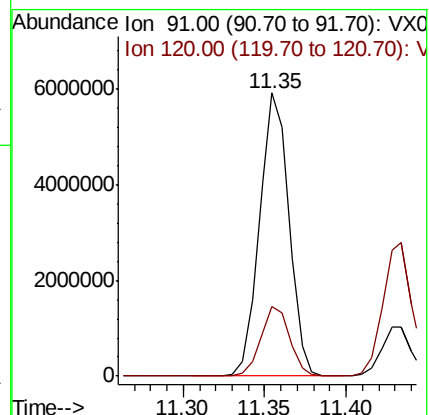
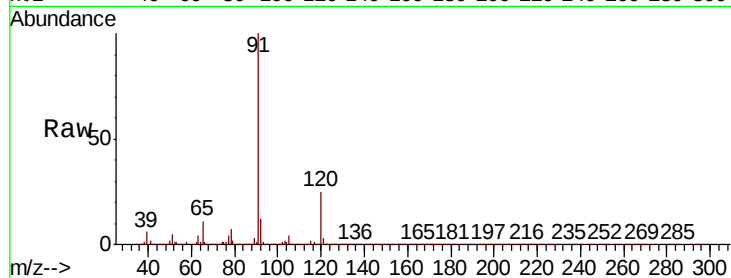
ClientSampleId :

Tot Ion: 91 Resp: 7426603

Ion Ratio Lower Upper

91 100

120 24.2 11.6 34.8



#79

2-Chlorotoluene

Concen: 58.332 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013482.D

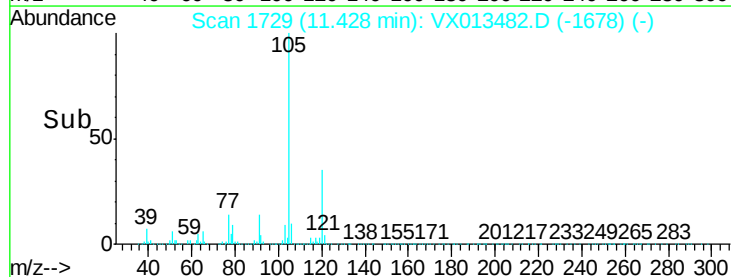
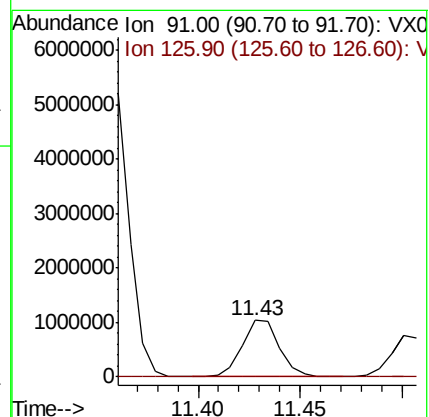
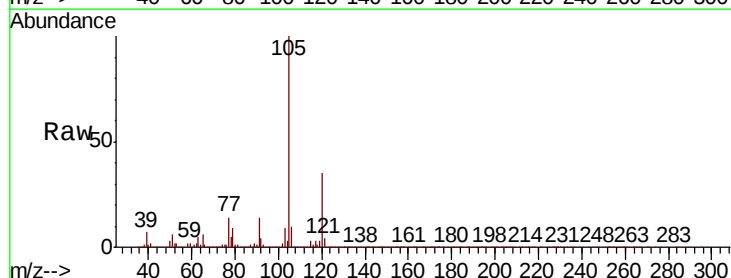
Acq: 20 Nov 2019 17:08

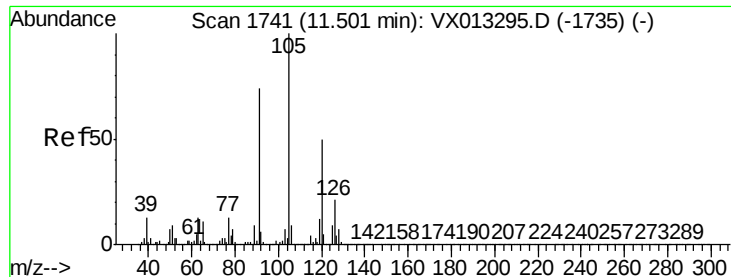
Tgt Ion: 91 Resp: 1325781

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

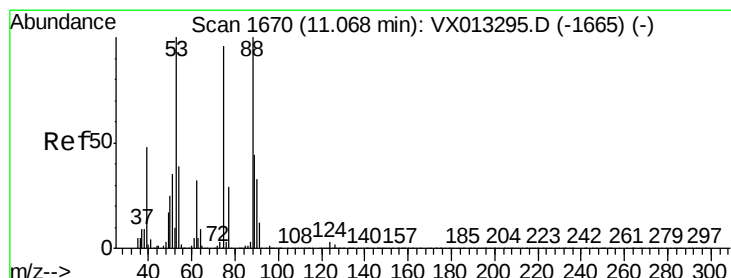
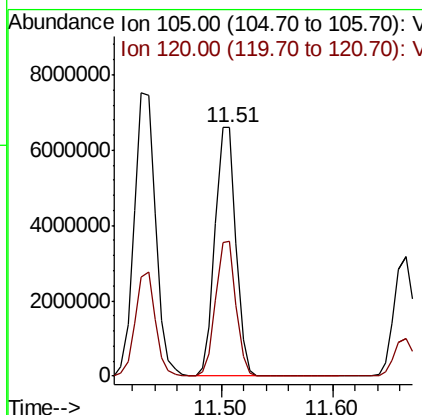
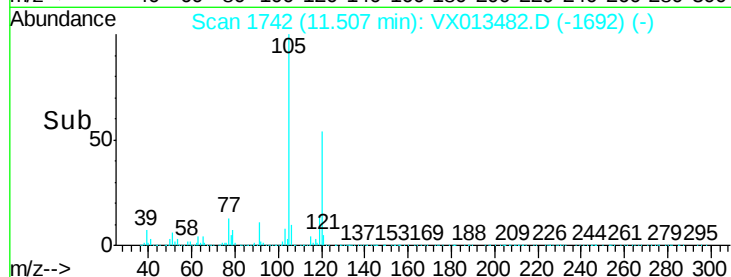
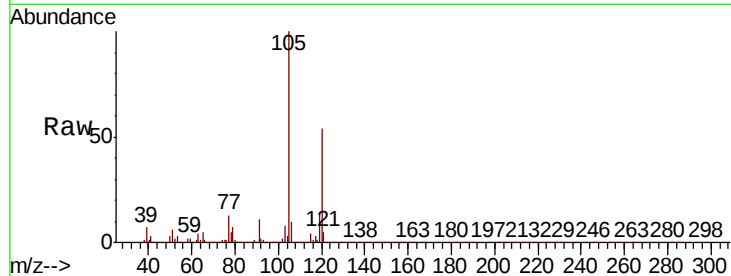




#80
 1,3,5-Trimethylbenzene
 Concen: 304.612 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX013482.D
 Acq: 20 Nov 2019 17:08

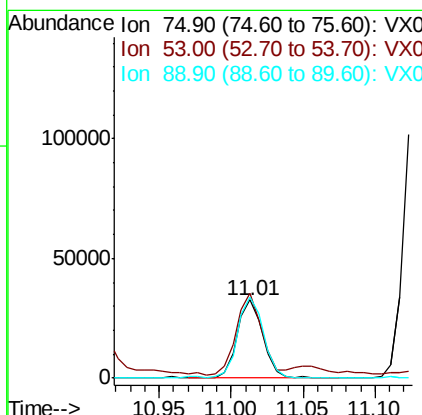
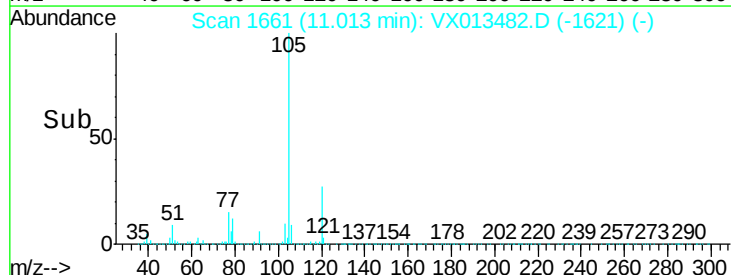
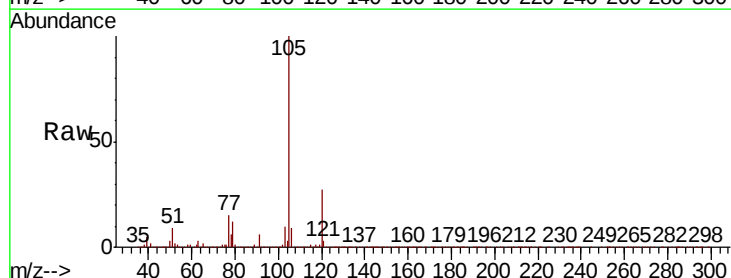
Instrument :
 MSVOA_X
 ClientSampleId :

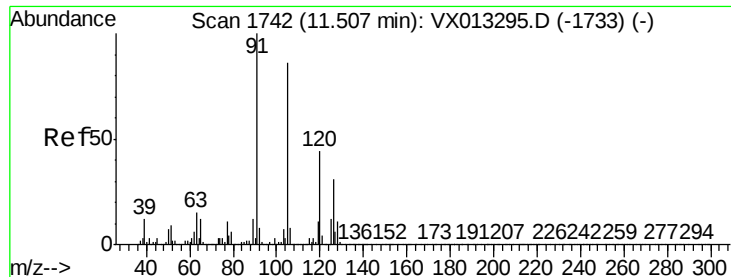
Tot Ion:105 Resp: 8592273
 Ion Ratio Lower Upper
 105 100
 120 52.6 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.947 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.06 min
 Lab File: VX013482.D
 Acq: 20 Nov 2019 17:08

Tgt Ion: 75 Resp: 40089
 Ion Ratio Lower Upper
 75 100
 53 104.8 81.0 121.6
 89 105.4 36.0 54.0#

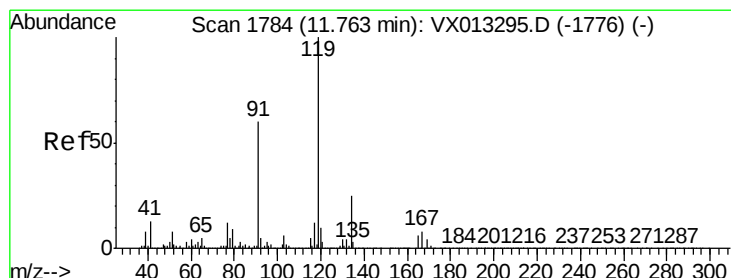
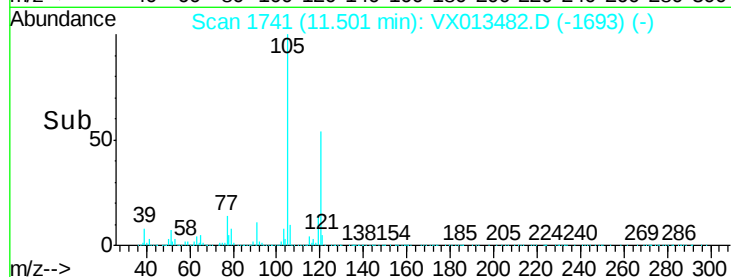
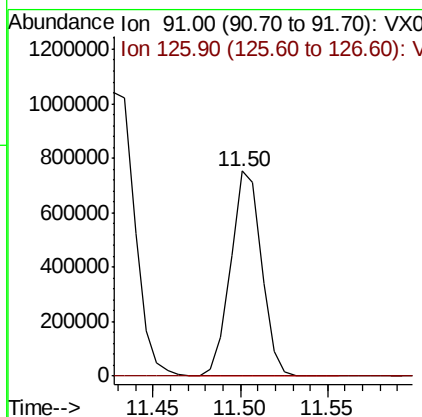
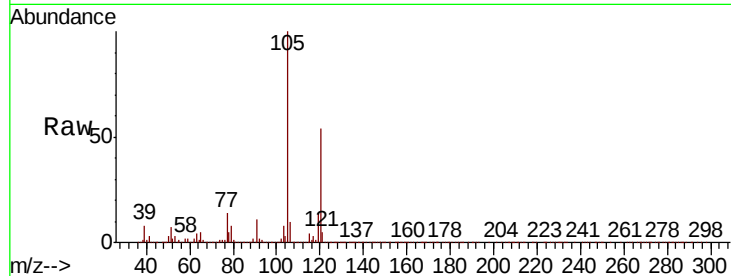




#82
4-Chlorotoluene
Concen: 34.681 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

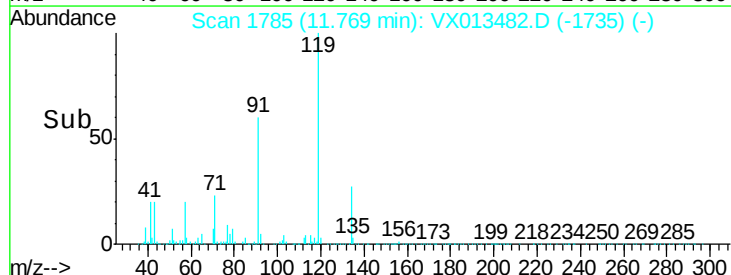
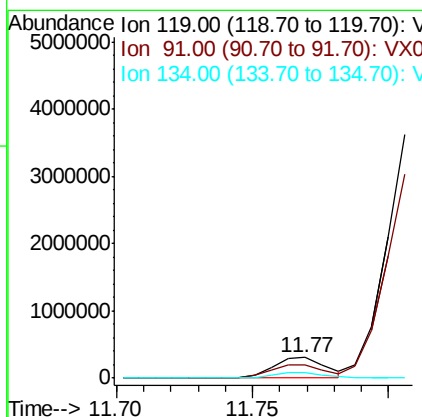
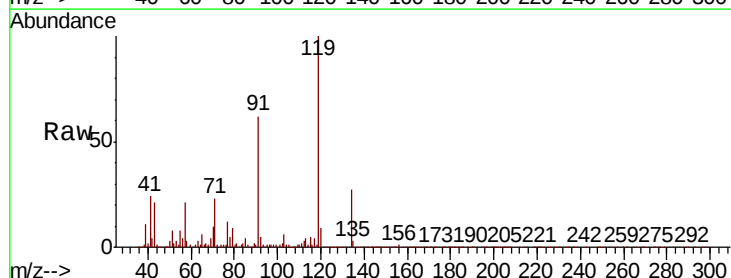
Instrument :
MSVOA_X
ClientSampleId :

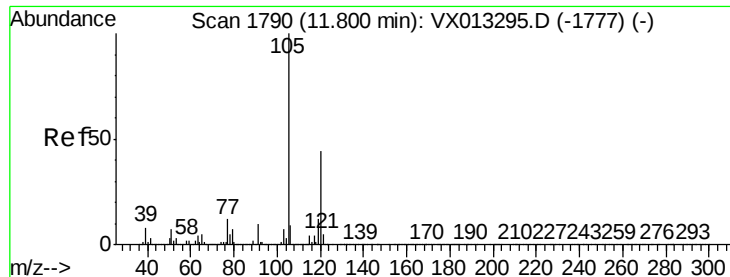
Tot Ion: 91 Resp: 922685
Ion Ratio Lower Upper
91 100
126 0.1 15.3 45.8#



#83
tert-Butylbenzene
Concen: 14.274 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion: 119 Resp: 405293
Ion Ratio Lower Upper
119 100
91 64.5 26.9 80.7
134 26.0 11.7 35.1



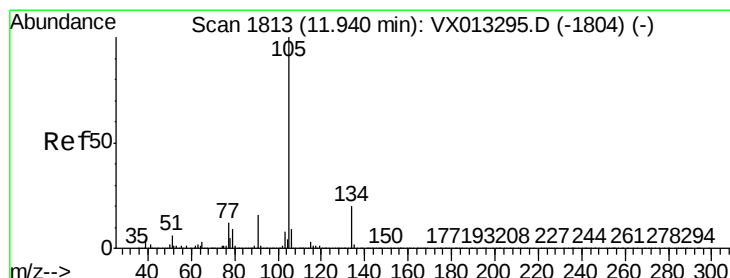
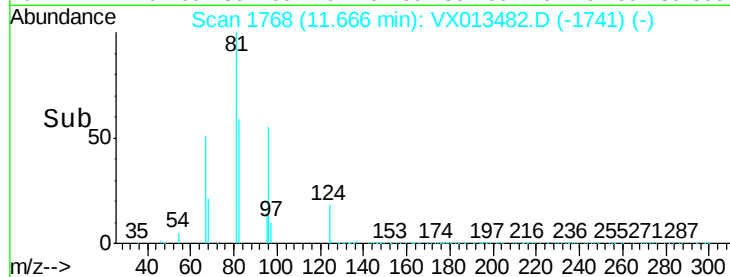
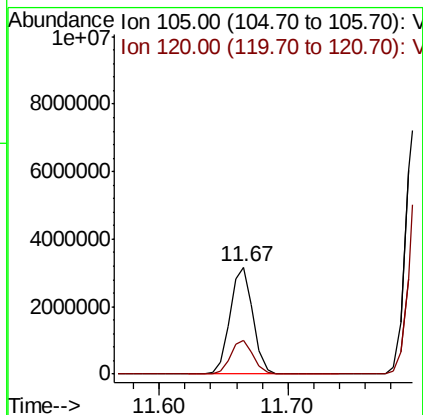
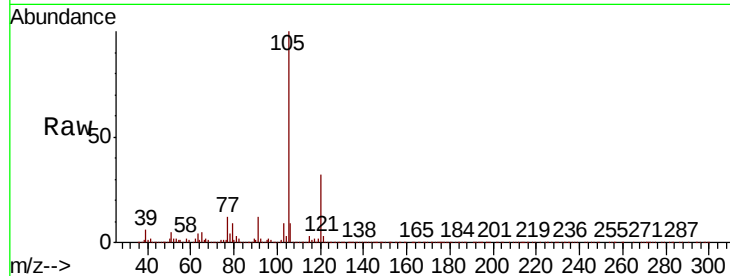


#84

1,2,4-Trimethylbenzene
Concen: 139.044 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.13 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :

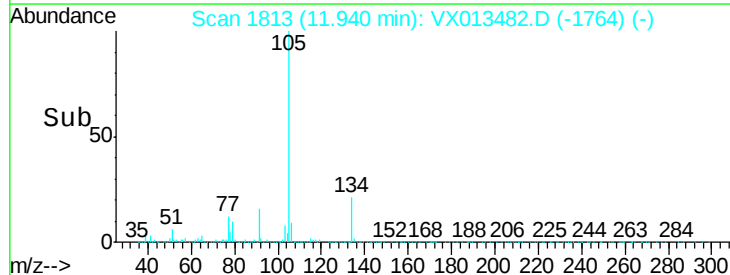
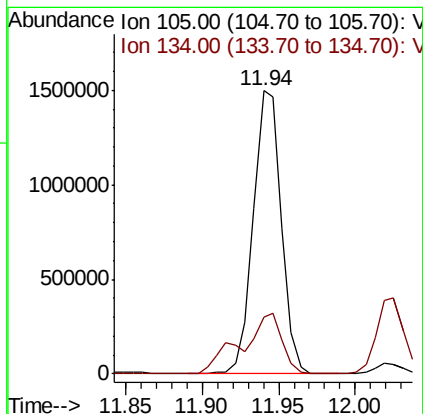
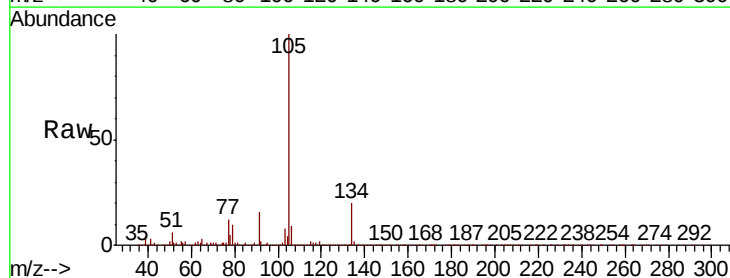
Tot Ion:105 Resp: 3934388
Ion Ratio Lower Upper
105 100
120 31.6 22.7 68.1

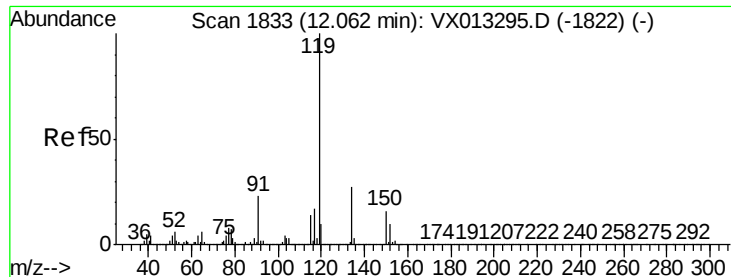


#85

sec-Butylbenzene
Concen: 58.314 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion:105 Resp: 1903016
Ion Ratio Lower Upper
105 100
134 31.4 10.3 30.9#

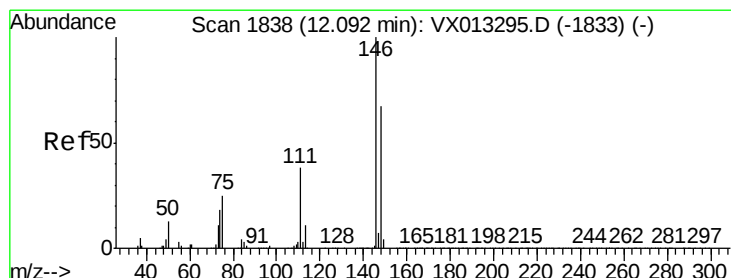
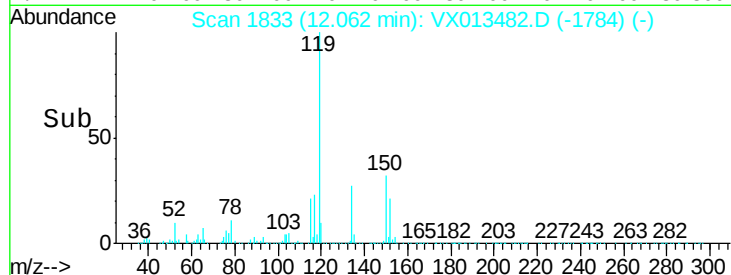
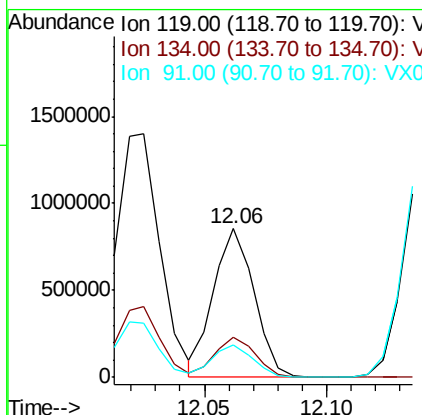
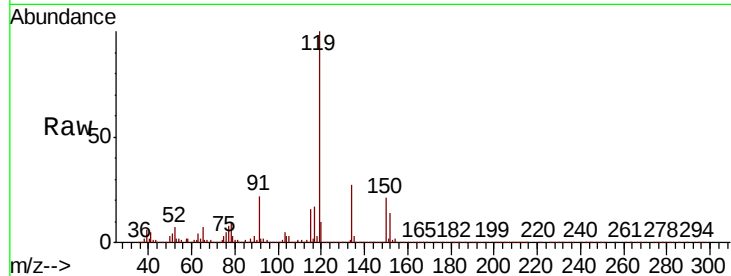




#86
p-Isopropyltoluene
Concen: 32.735 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

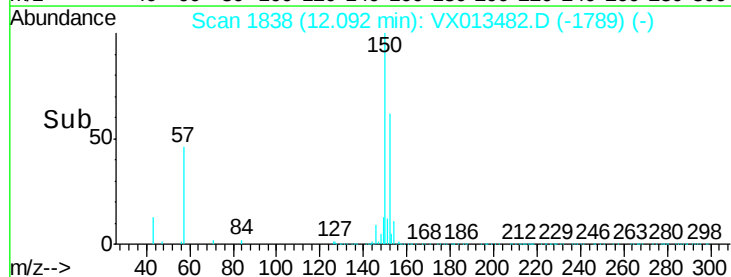
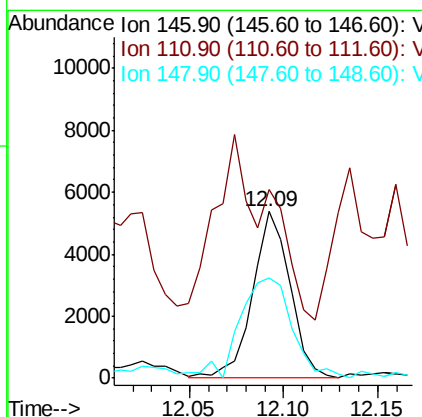
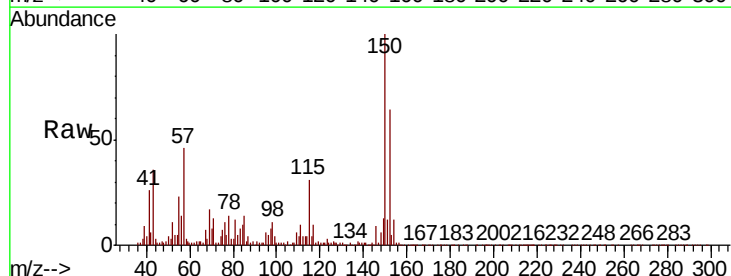
Instrument :
MSVOA_X
ClientSampleId :

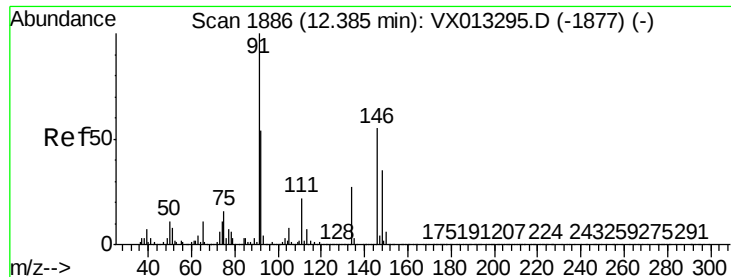
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	22.2	11.5	34.4



#88
1,4-Dichlorobenzene
Concen: 0.453 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013482.D
Acq: 20 Nov 2019 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	95.2	18.8	56.4#
148	84.8	32.4	97.0





#89

n-Butylbenzene

Concen: 61.654 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

ClientSampled :

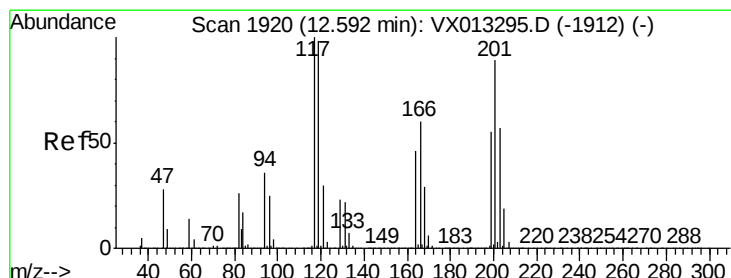
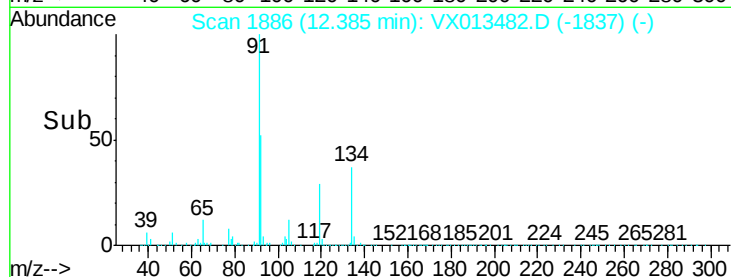
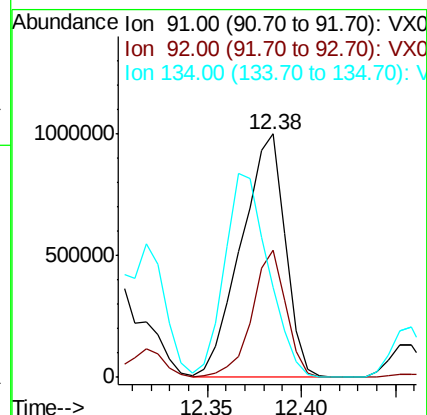
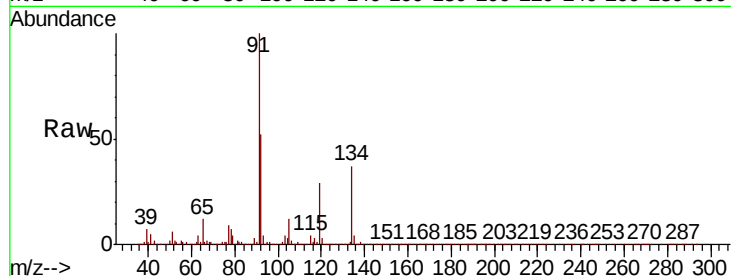
Tot Ion: 91 Resp: 1616622

Ion Ratio Lower Upper

91 100

92 40.4 27.3 81.8

134 83.2 13.5 40.5#



#90

Hexachloroethane

Concen: 30.732 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013482.D

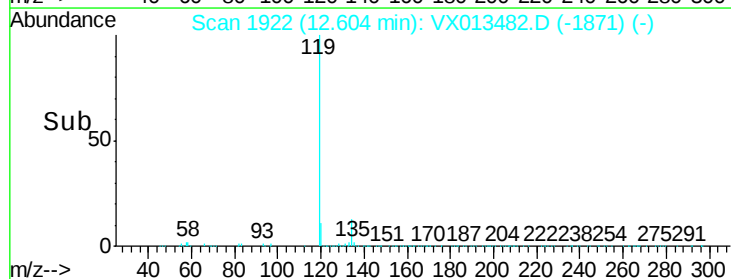
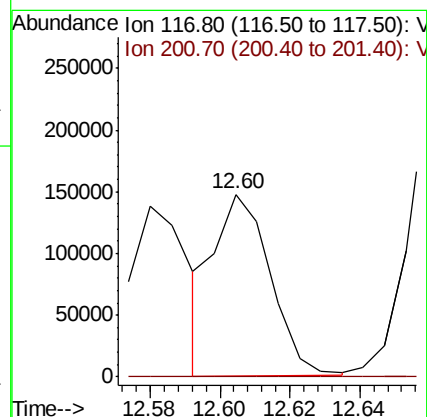
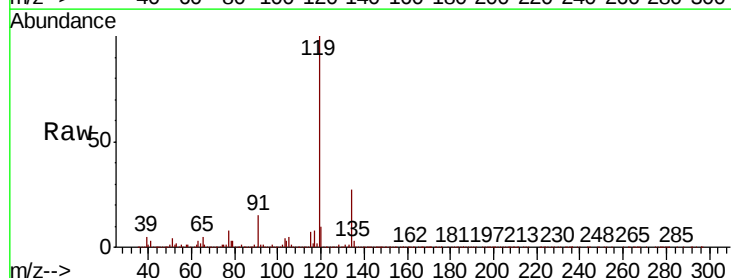
Acq: 20 Nov 2019 17:08

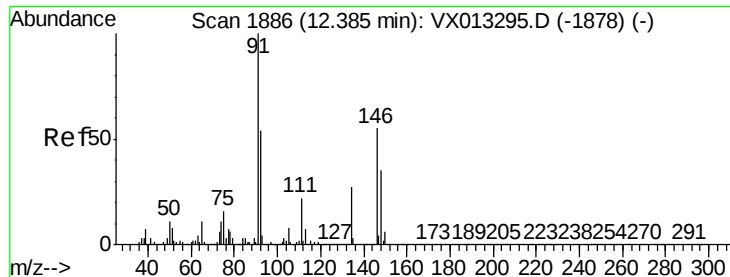
Tgt Ion: 117 Resp: 164541

Ion Ratio Lower Upper

117 100

201 0.1 43.9 131.7#





#91

1,2-Dichlorobenzene

Concen: 0.218 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

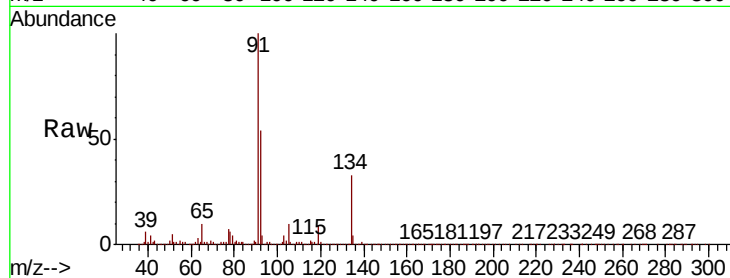
Tot Ion:146 Resp: 3502

Ion Ratio Lower Upper

146 100

111 44.3 20.1 60.2

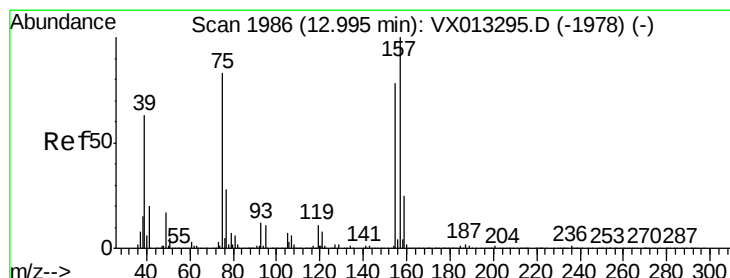
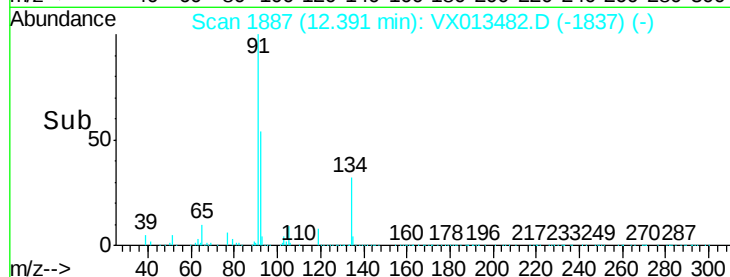
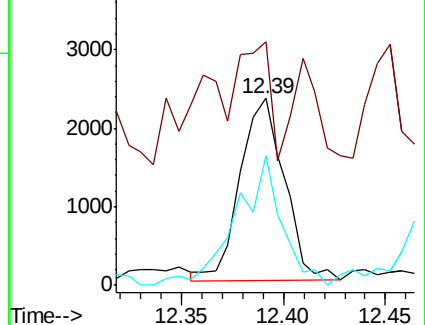
148 73.7 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.756 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013482.D

Acq: 20 Nov 2019 17:08

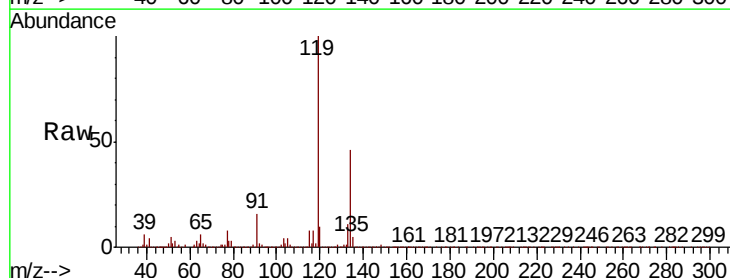
Tgt Ion: 75 Resp: 11306

Ion Ratio Lower Upper

75 100

155 3.9 47.1 141.4#

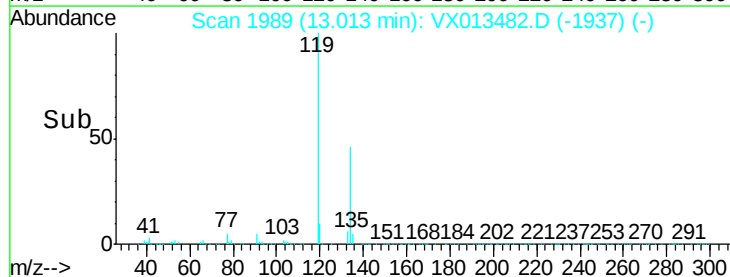
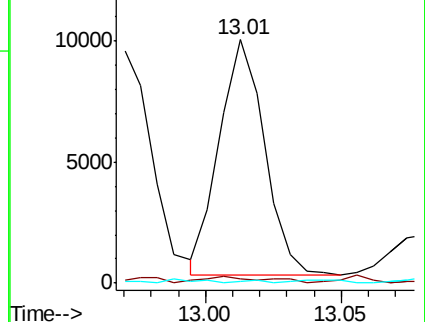
157 0.8 61.3 183.8#

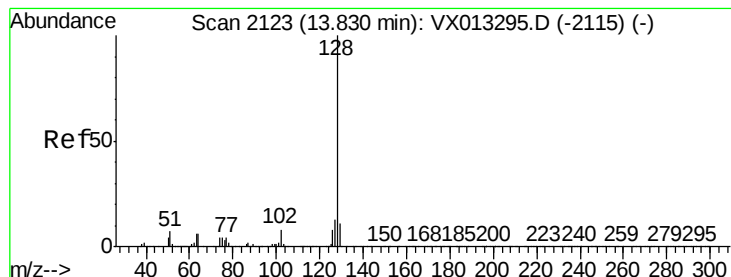


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 56.672 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: VX013482.D
 Acq: 20 Nov 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 1995101
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 11.1 8.5 12.7

