

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012590.D
 Acq On : 21 Sep 2019 04:49
 Operator : JC/SP
 Sample : K4978-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0164

Quant Time: Sep 21 06:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117465	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
35) Dibromofluoromethane	5.49	113	84237	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	328617	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	118499	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.11	85	19	0.407	ug/l #	43
3) Chloromethane	1.32	50	467	0.468	ug/l #	42
5) Bromomethane	1.64	94	357	0.842	ug/l	87
6) Chloroethane	1.72	64	333	0.394	ug/l #	46
10) Methyl Iodide	2.51	142	80	4.501	ug/l #	81
11) Tert butyl alcohol	3.05	59	307	Below Cal	#	36
13) Acrolein	2.28	56	314	Below Cal	#	15
16) Acetone	2.43	43	4994	Below Cal		97
17) Carbon Disulfide	2.56	76	357	2.019	ug/l #	75
18) Methyl Acetate	2.84	43	1058	0.390	ug/l #	54
36) 1,1-Dichloropropene	5.65	75	14683	8.369	ug/l #	52
38) Carbon Tetrachloride	5.65	117	19154	8.777	ug/l #	16
39) Methylcyclohexane	7.45	83	865	0.507	ug/l #	73
40) Benzene	6.14	78	2257	0.405	ug/l	90
49) 1,4-Dioxane	7.62	88	22	0.397	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3797	2.050	ug/l #	19
56) Ethyl methacrylate	9.17	69	1109	0.383	ug/l #	1
59) 2-Hexanone	9.44	43	1487	0.601	ug/l #	35
67) Ethyl Benzene	10.25	91	38659	5.637	ug/l	100
68) m/p-Xylenes	10.36	106	1883	0.755	ug/l	91
73) Isopropylbenzene	11.01	105	29066	4.550	ug/l	99
74) N-amyl acetate	10.92	43	1203	0.350	ug/l #	2
75) 1,1,2,2-Tetrachloroethane	11.26	83	1360	0.543	ug/l #	37
76) 1,2,3-Trichloropropane	11.14	75	62206	26.598	ug/l #	38
78) n-propylbenzene	11.35	91	30663	4.307	ug/l	97
79) 2-Chlorotoluene	11.35	91	30663	6.620	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.45	105	1876	0.344	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	62206	71.597	ug/l #	8
82) 4-Chlorotoluene	11.35	91	30663	5.768	ug/l #	46
83) tert-Butylbenzene	11.76	119	1185	0.203	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	1940	0.347	ug/l	94
85) sec-Butylbenzene	11.94	105	5426	0.843	ug/l #	76
86) p-Isopropyltoluene	12.23	119	4368	0.739	ug/l	93
89) n-Butylbenzene	12.36	91	1200	0.228	ug/l #	28

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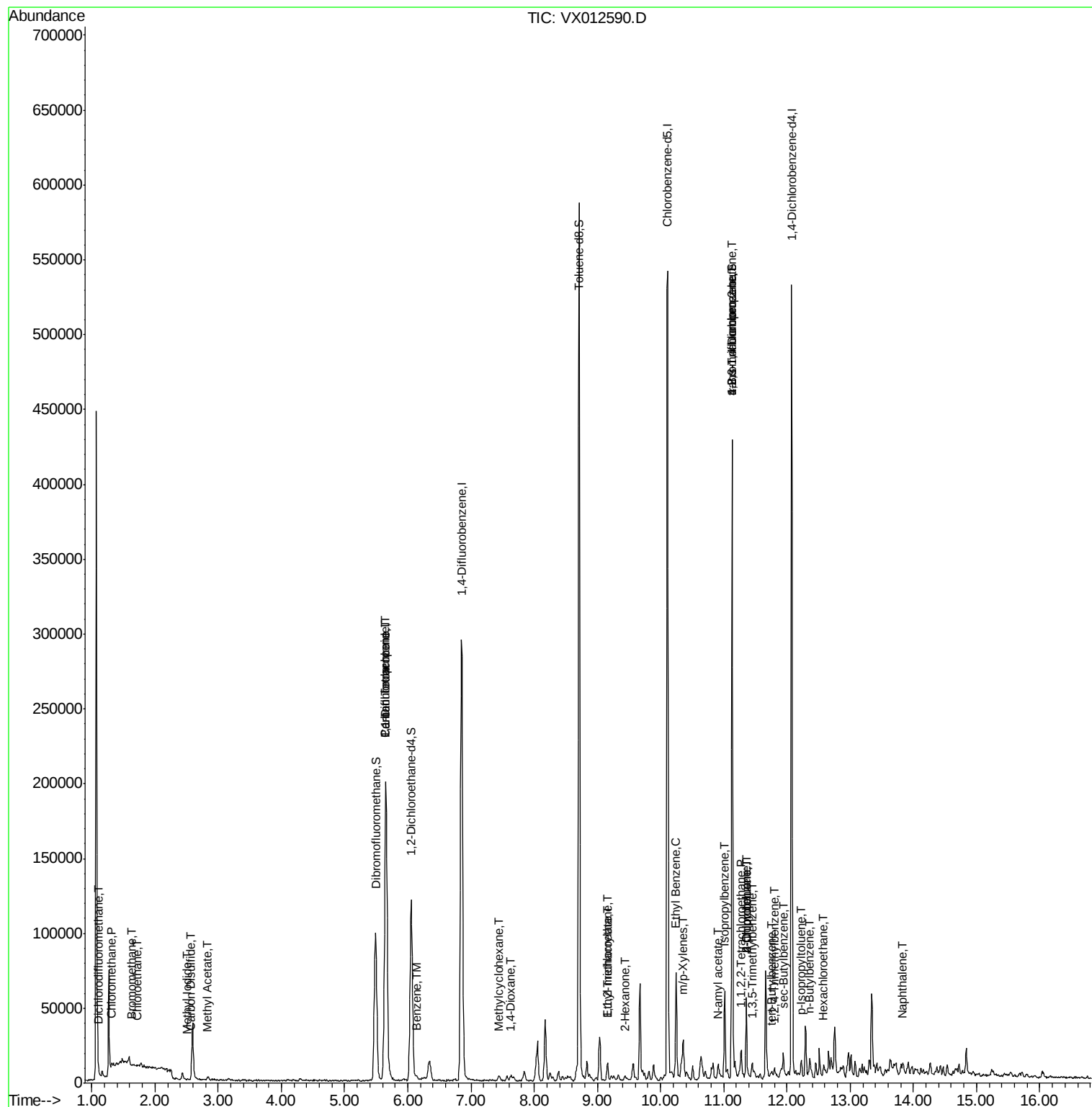
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	364	0.336	ug/l #	17
95) Naphthalene	13.83	128	4199	0.598	ug/l #	85

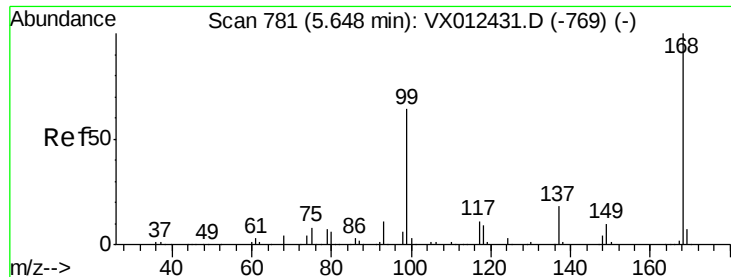
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

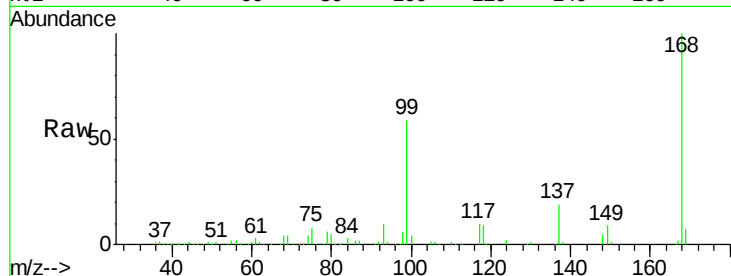
Z2-0164

Tot Ion:168 Resp: 181687

Ion Ratio Lower Upper

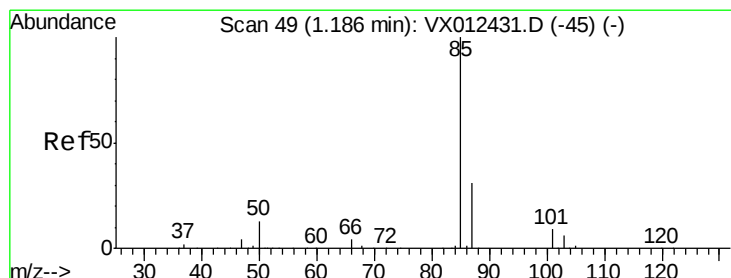
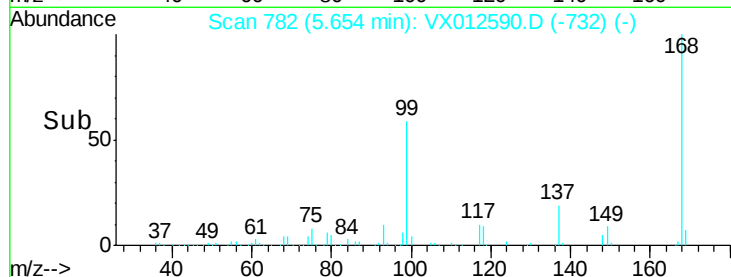
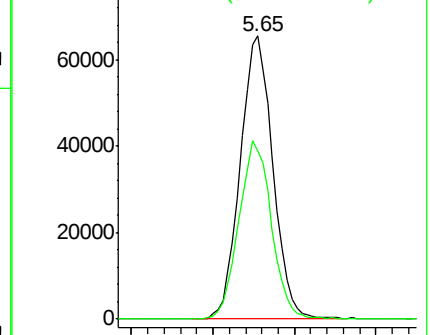
168 100

99 59.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.407 ug/l

RT: 1.11 min Scan# 37

Delta R.T. -0.07 min

Lab File: VX012590.D

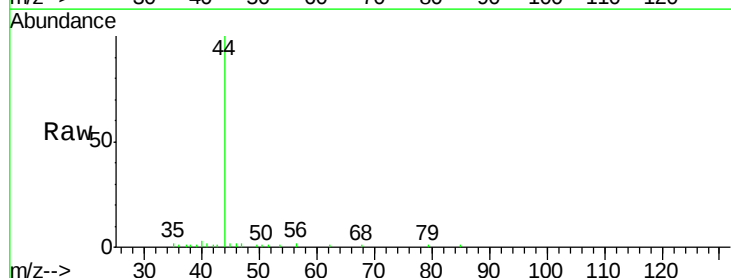
Acq: 21 Sep 2019 04:49

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

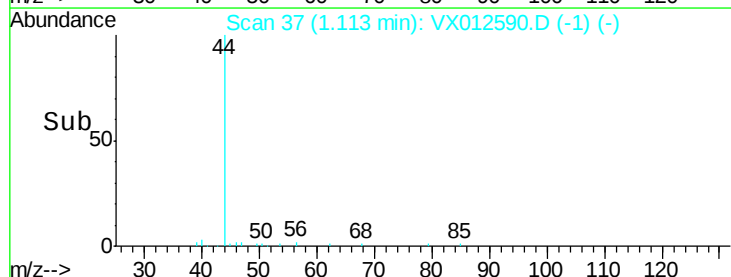
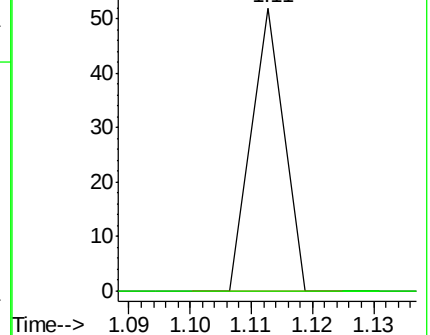
85 100

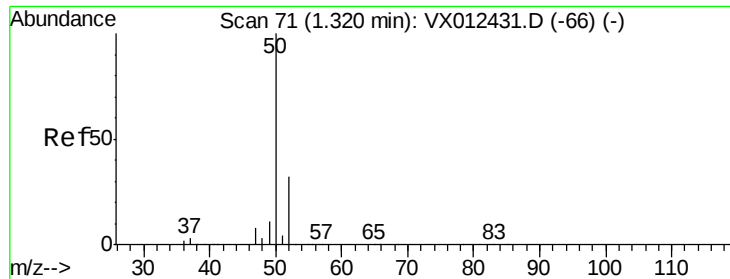
87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.468 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

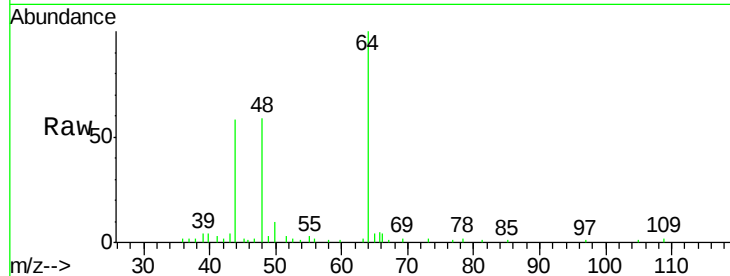
Z2-0164

Tot Ion: 50 Resp: 467

Ion Ratio Lower Upper

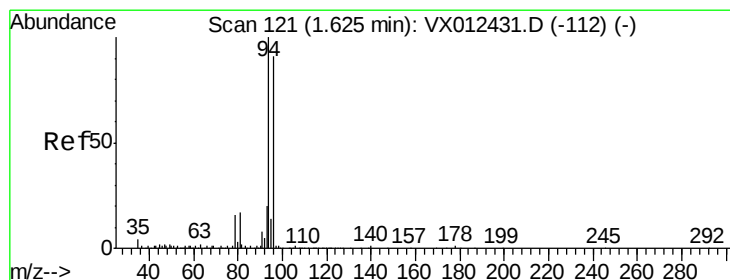
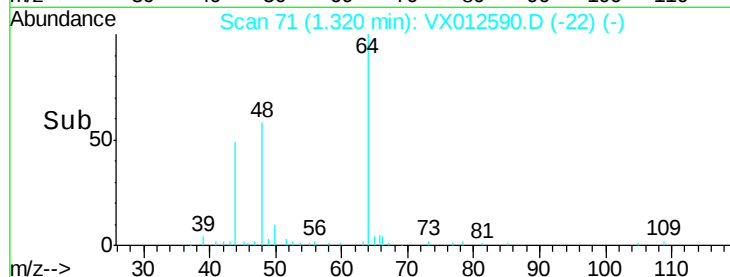
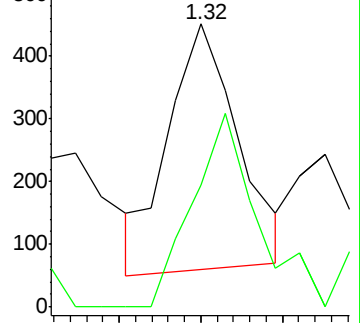
50 100

52 64.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.842 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012590.D

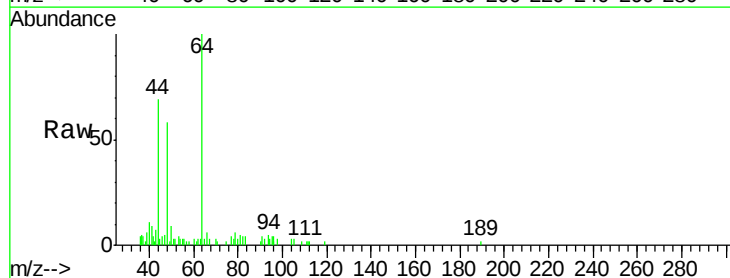
Acq: 21 Sep 2019 04:49

Tgt Ion: 94 Resp: 357

Ion Ratio Lower Upper

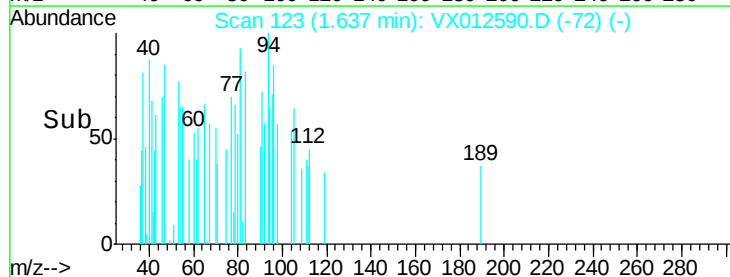
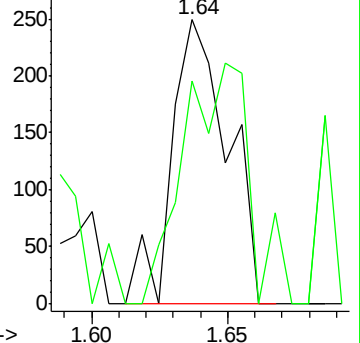
94 100

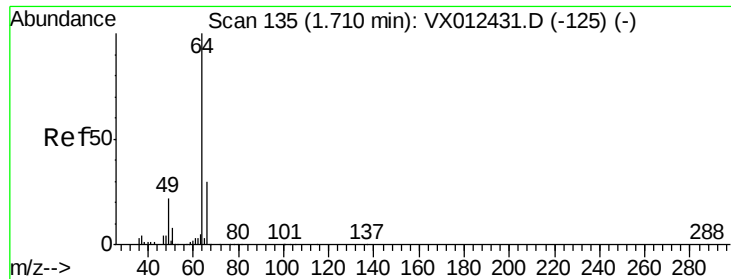
96 78.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.394 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

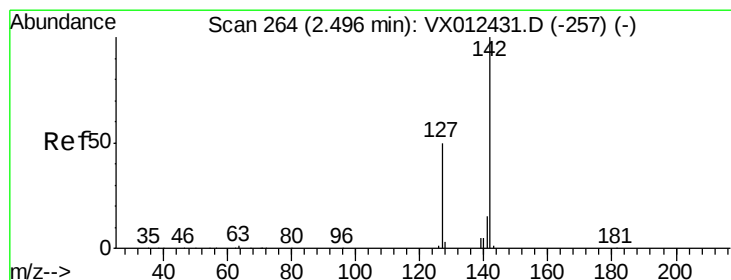
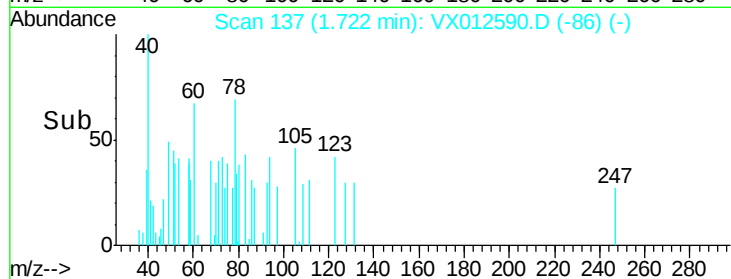
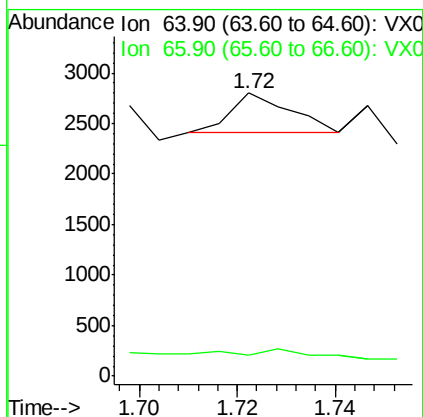
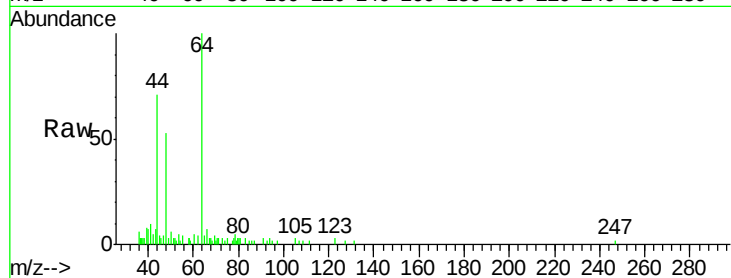
Z2-0164

Tot Ion: 64 Resp: 333

Ion Ratio Lower Upper

64 100

66 0.8 24.0 36.0#



#10

Methyl Iodide

Concen: 4.501 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

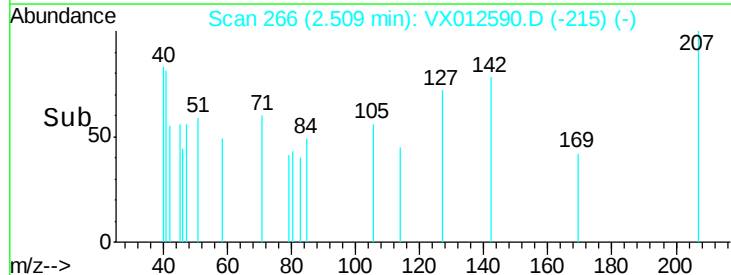
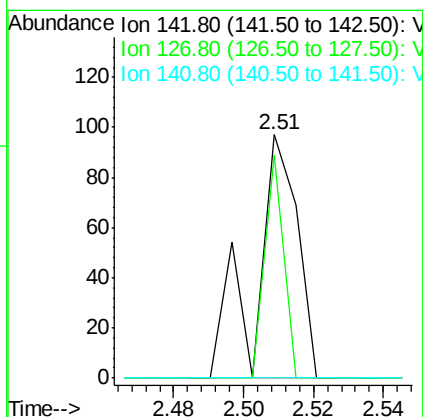
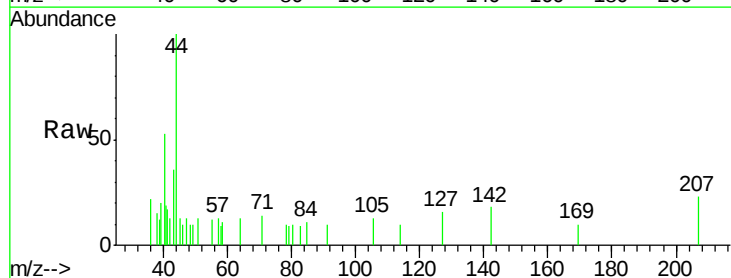
Tgt Ion: 142 Resp: 80

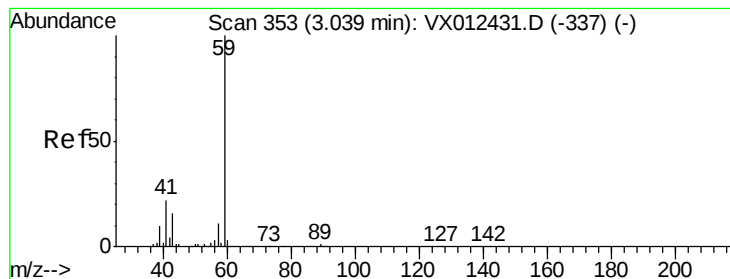
Ion Ratio Lower Upper

142 100

127 41.3 40.8 61.2

141 0.0 12.1 18.1#



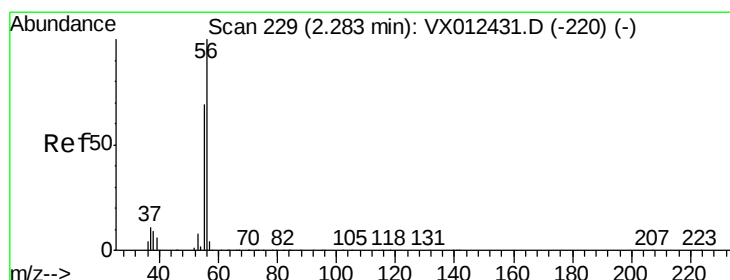
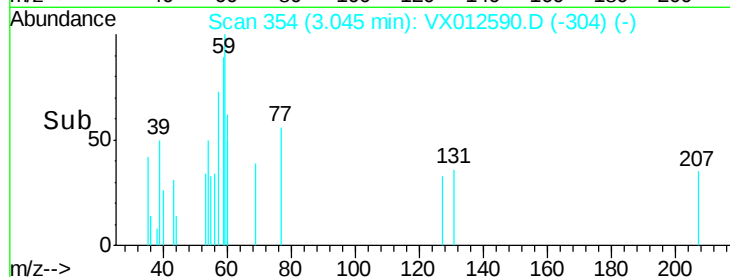
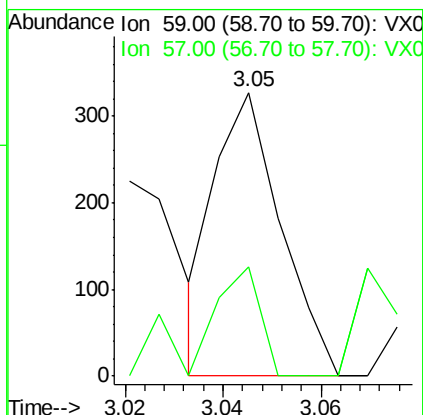
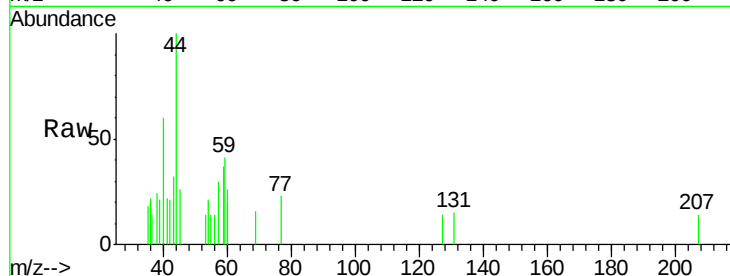


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

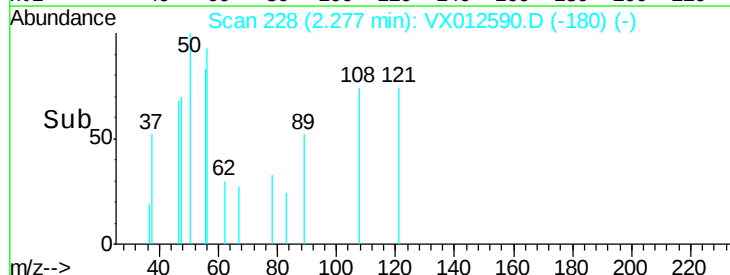
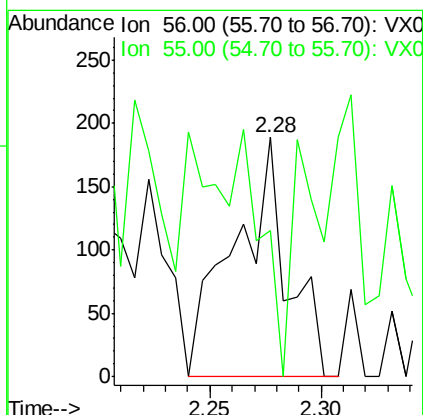
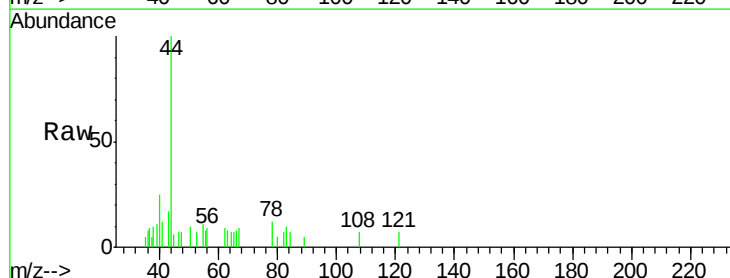
Tot Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 34.2 8.3 12.5#

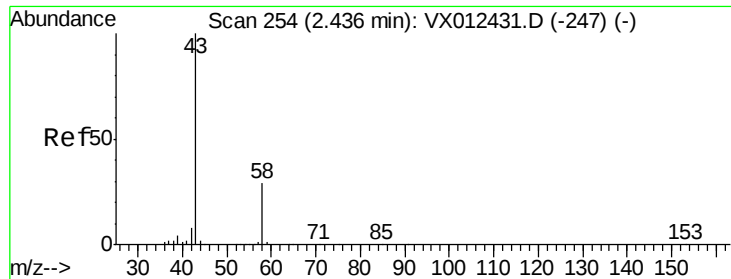


#13

Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

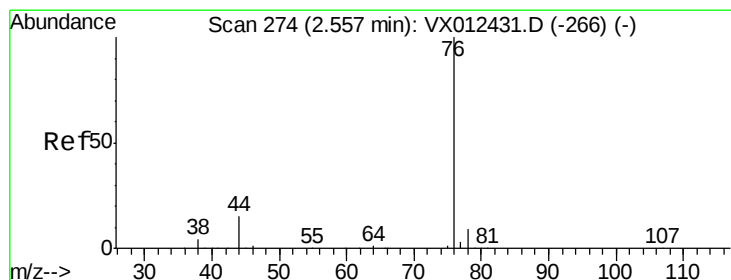
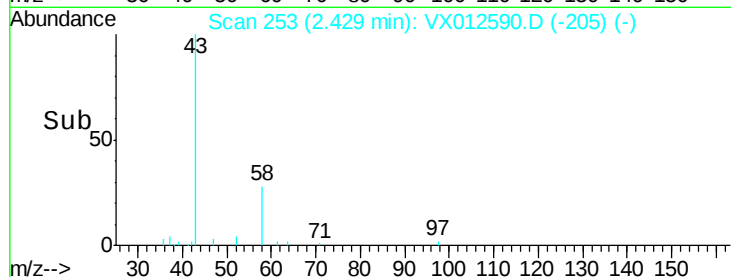
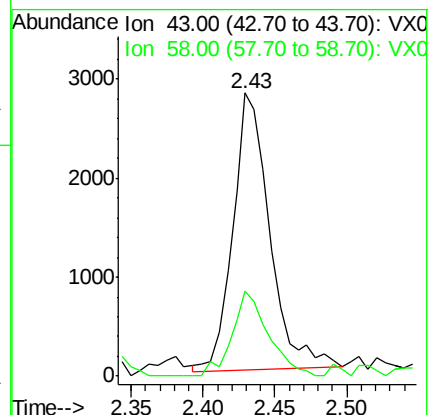
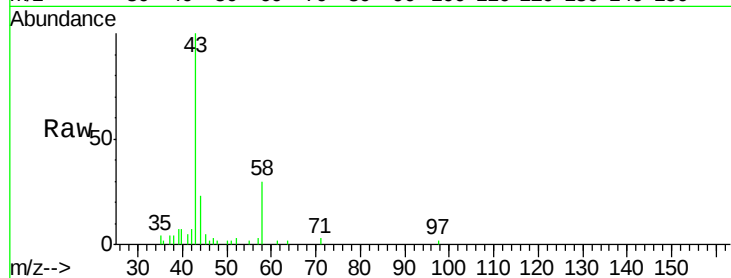
Z2-0164

Tot Ion: 43 Resp: 4994

Ion Ratio Lower Upper

43 100

58 30.9 23.3 34.9



#17

Carbon Disulfide

Concen: 2.019 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012590.D

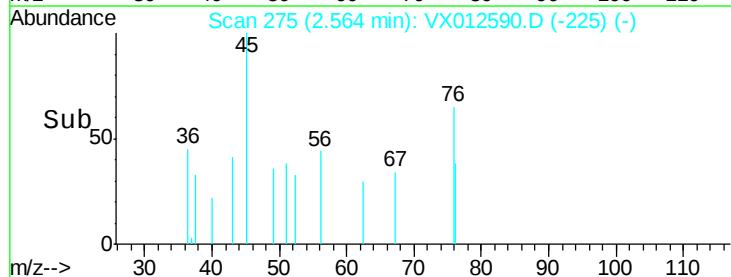
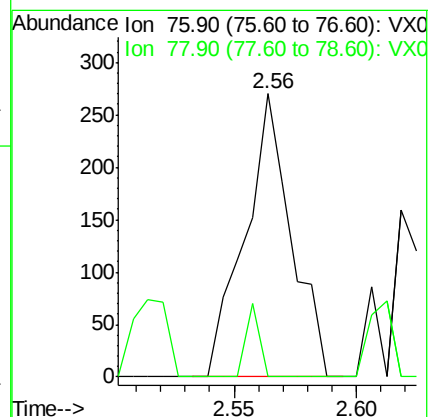
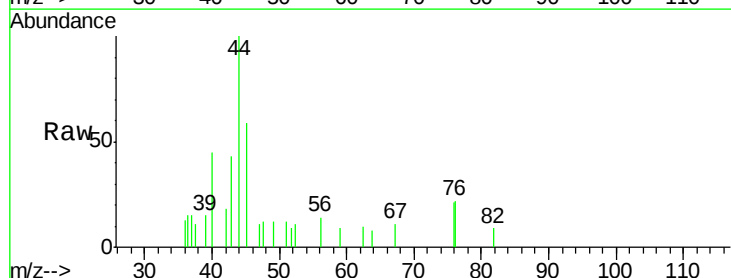
Acq: 21 Sep 2019 04:49

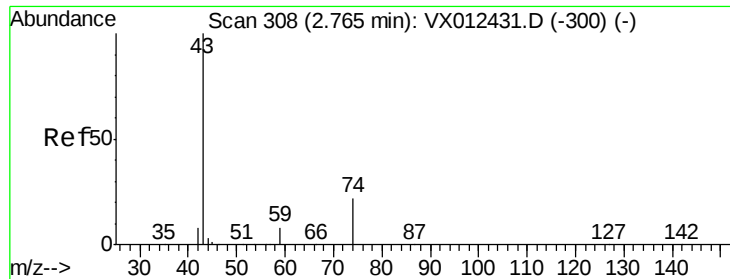
Tgt Ion: 76 Resp: 357

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

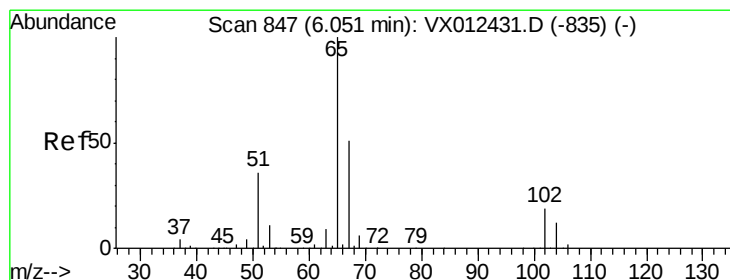
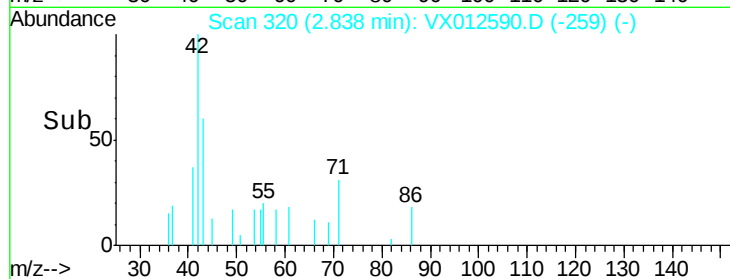
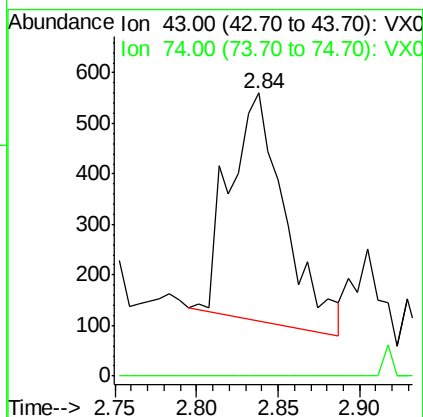
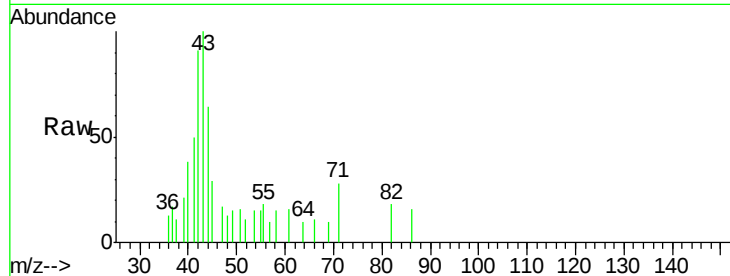




#18
Methvl Acetate
Concen: 0.390 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

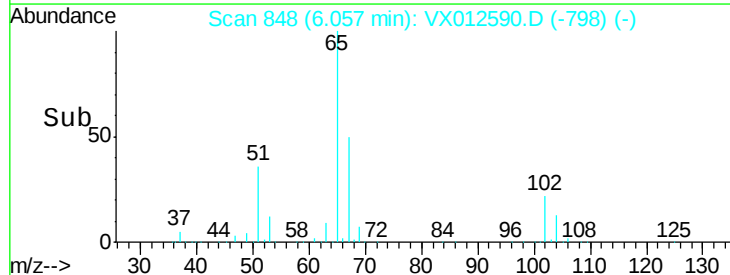
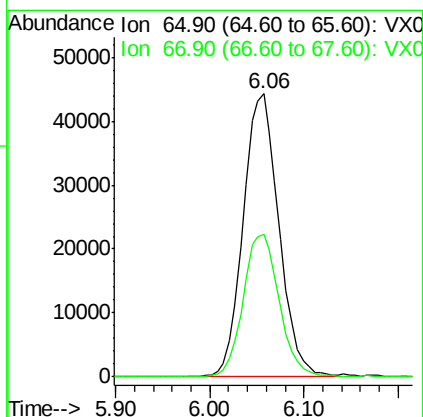
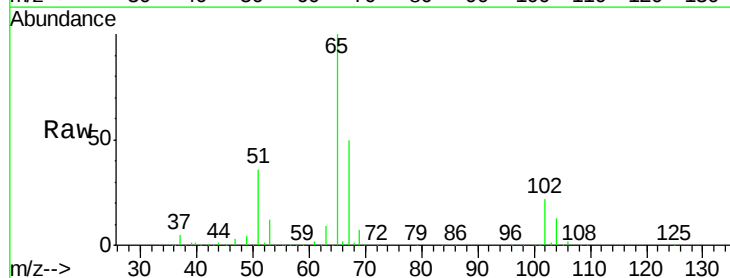
Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

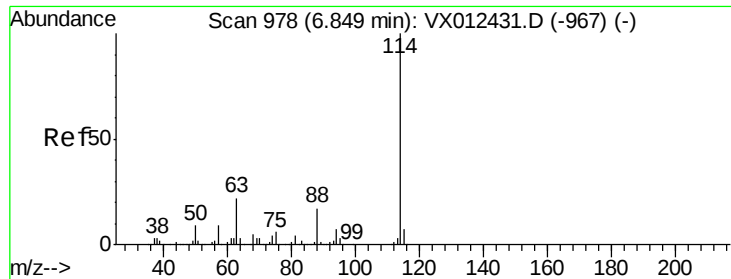
Tot Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 45.110 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 65 Resp: 117465
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

Z2-0164

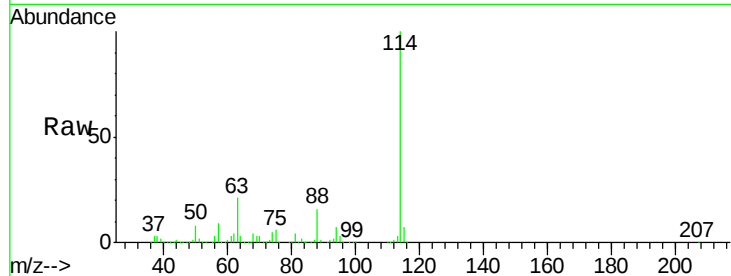
Tot Ion:114 Resp: 288694

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

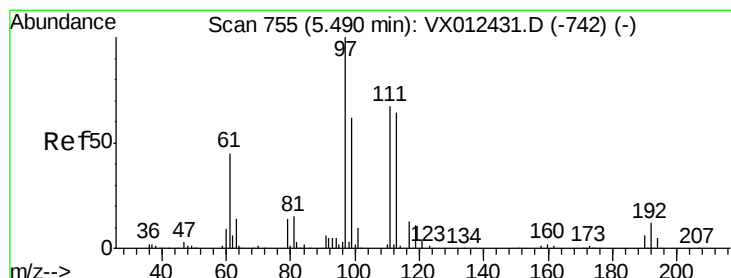
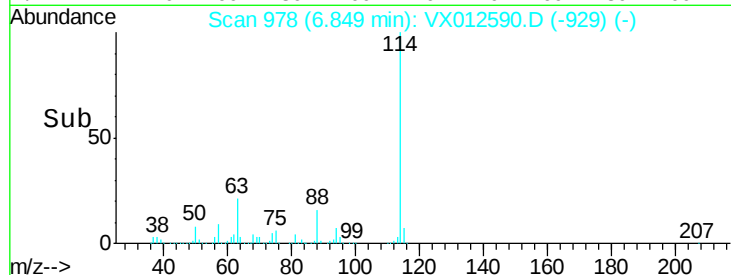
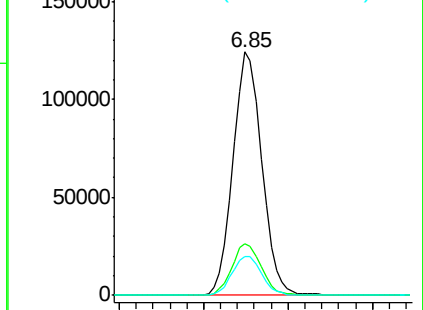
88 16.1 0.0 33.2



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: 48.209 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

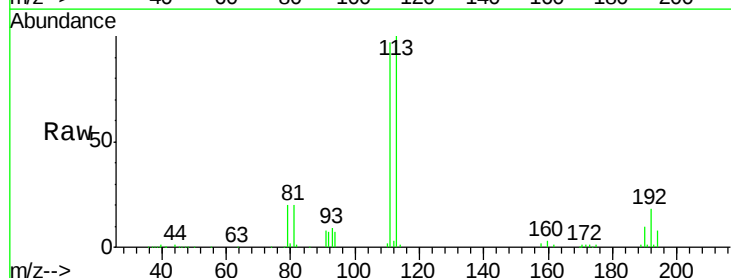
Tgt Ion:113 Resp: 84237

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

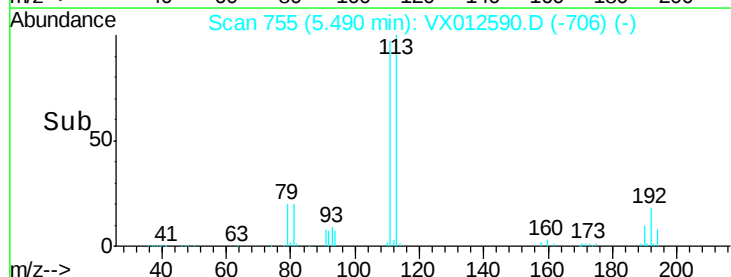
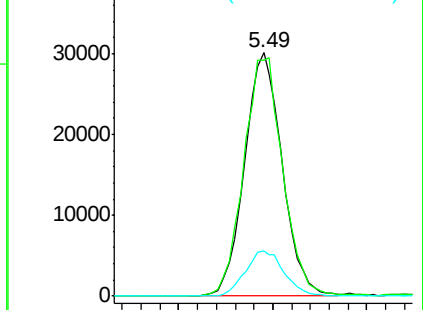
192 19.1 14.4 21.6

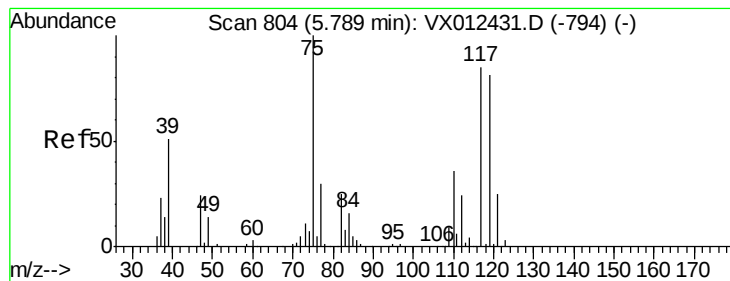


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 8.369 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

Z2-0164

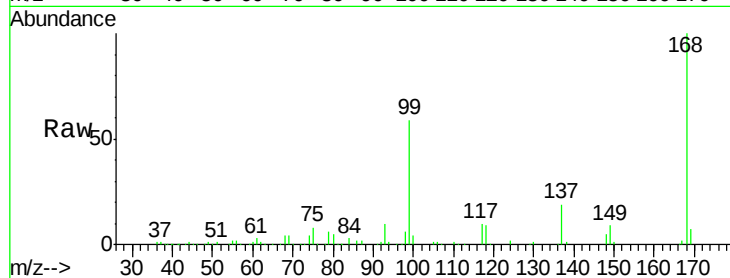
Tot Ion: 75 Resp: 14683

Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.0#

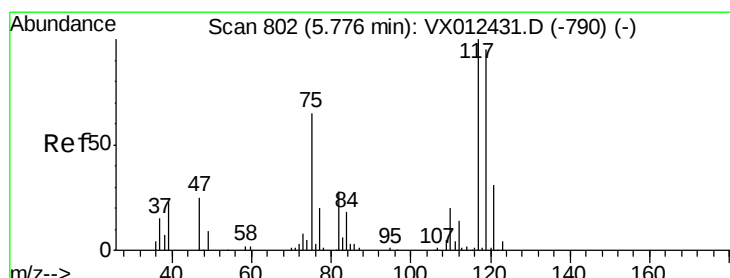
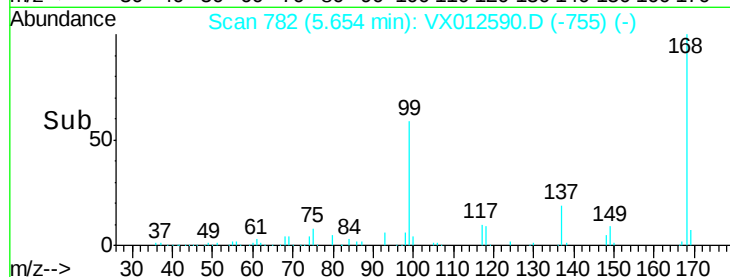
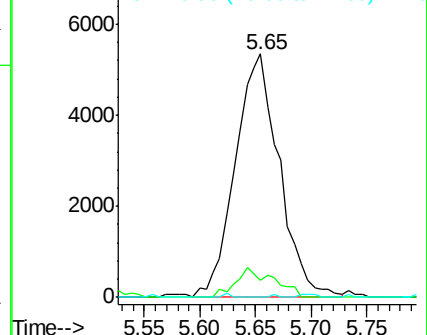
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 8.777 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

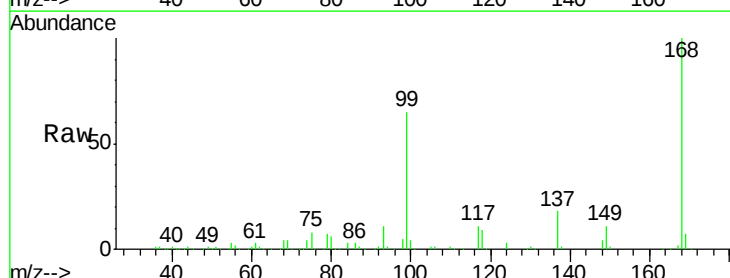
Tgt Ion: 117 Resp: 19154

Ion Ratio Lower Upper

117 100

119 4.0 75.7 113.5#

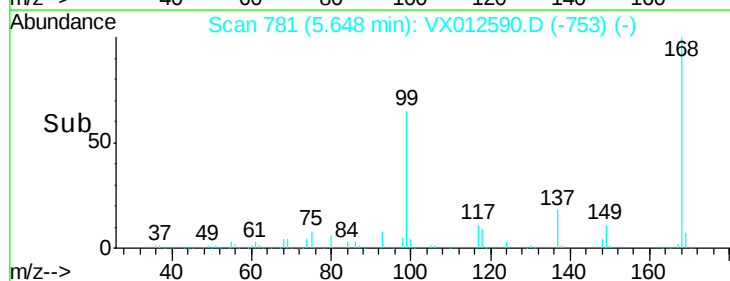
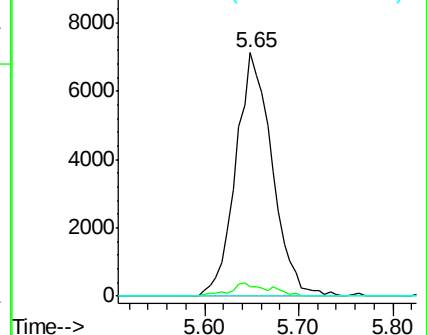
121 0.0 24.2 36.4#

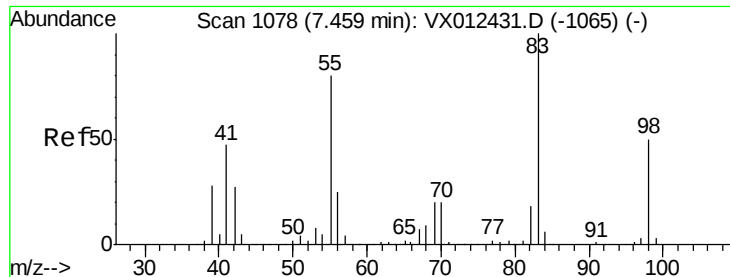


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

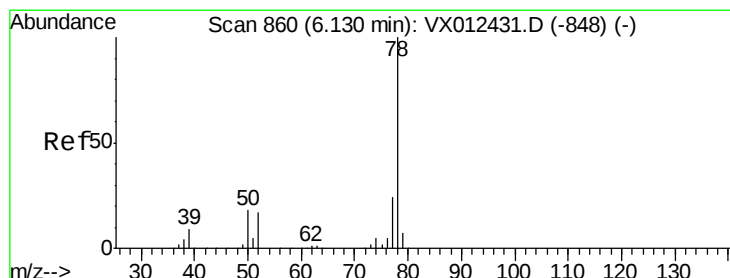
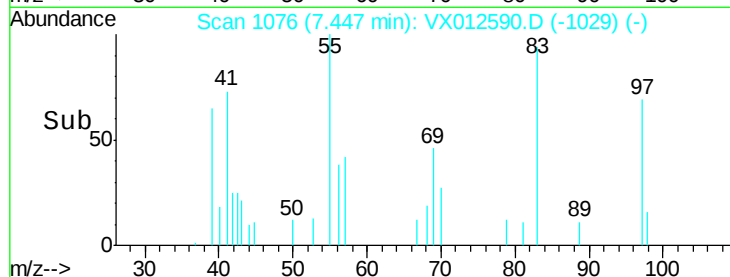
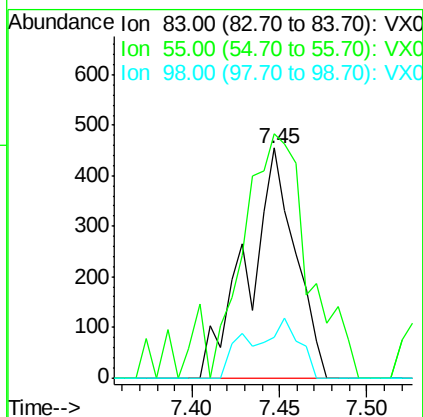
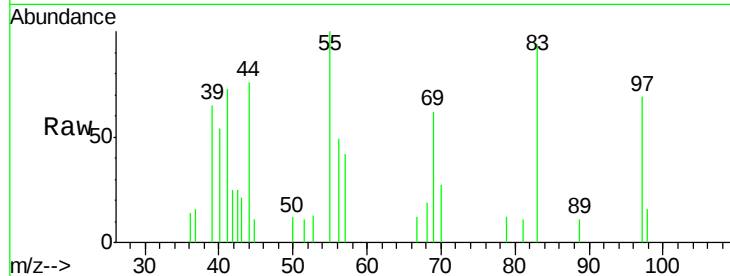




#39
Methvlcvclohexane
Concen: 0.507 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

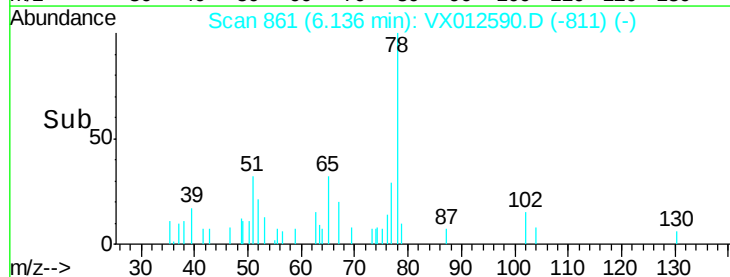
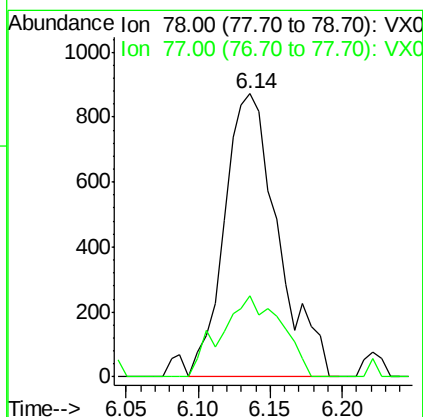
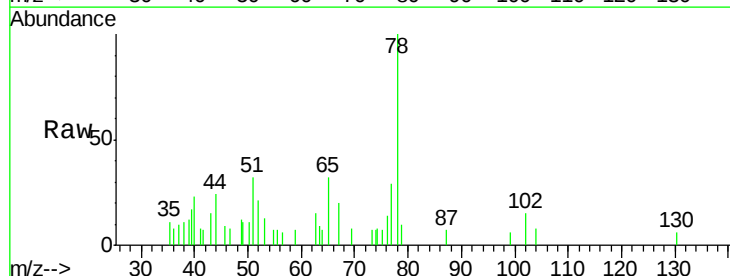
Instrument :
MSVOA_X
ClientSampled :
Z2-0164

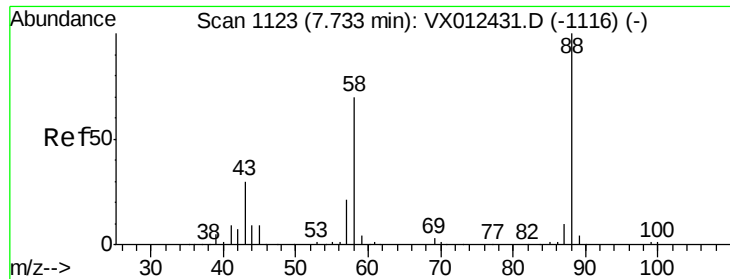
Tot Ion: 83 Resp: 865
Ion Ratio Lower Upper
83 100
55 93.6 64.4 96.6
98 17.4 40.1 60.1#



#40
Benzene
Concen: 0.405 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 78 Resp: 2257
Ion Ratio Lower Upper
78 100
77 28.8 19.2 28.8





#49

1,4-Dioxane

Concen: 0.397 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.12 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampled :

Z2-0164

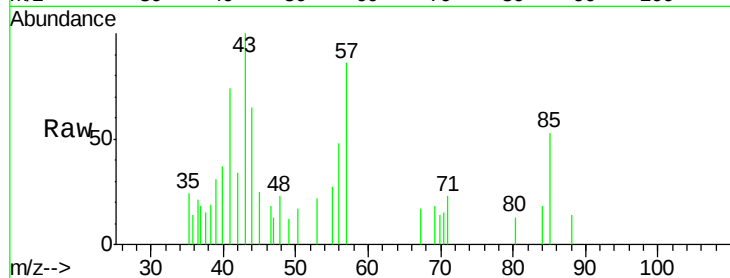
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 6904.5 29.4 44.0#

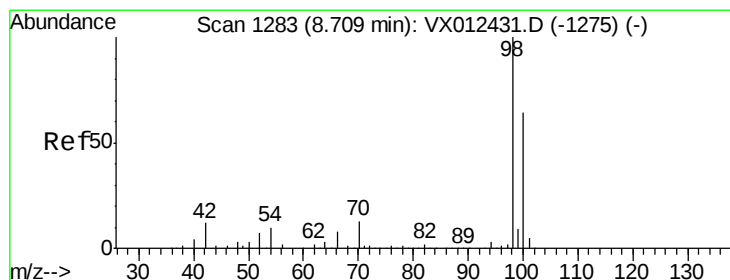
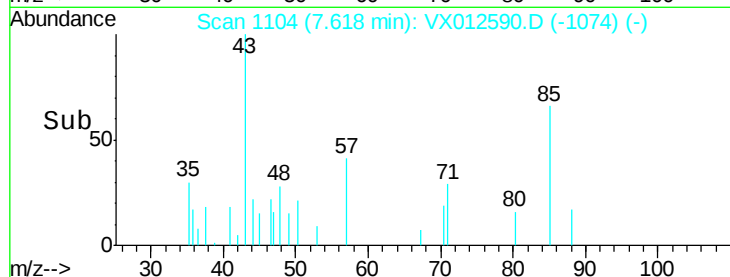
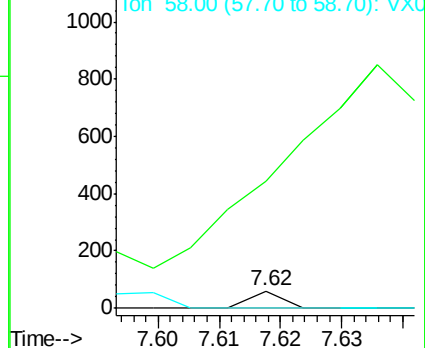
58 0.0 57.5 86.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.809 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012590.D

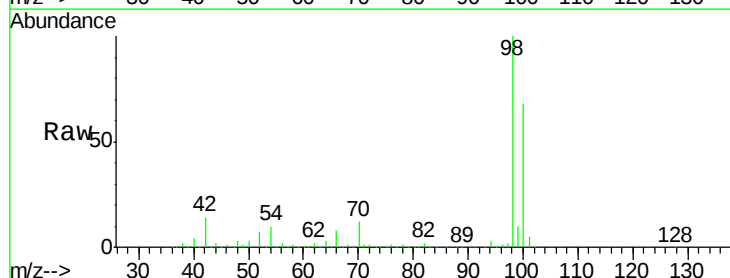
Acq: 21 Sep 2019 04:49

Tgt Ion: 98 Resp: 328617

Ion Ratio Lower Upper

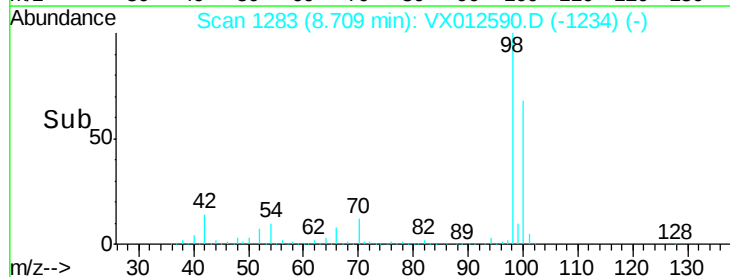
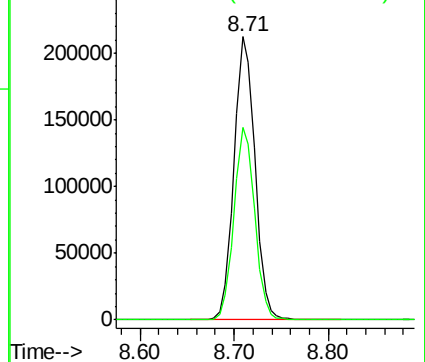
98 100

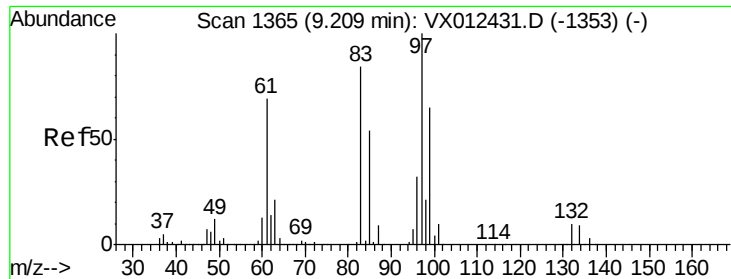
100 67.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

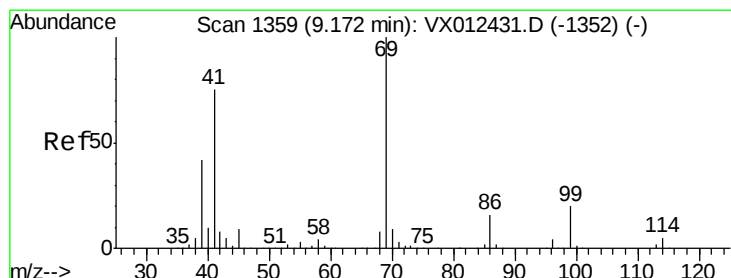
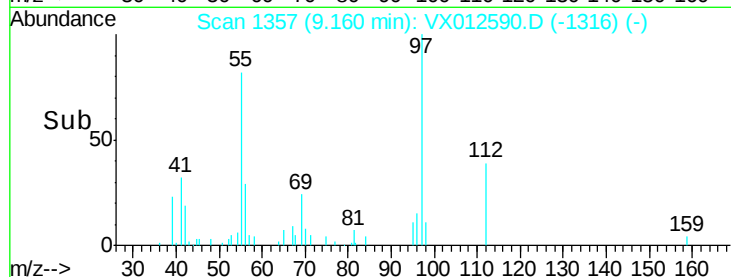
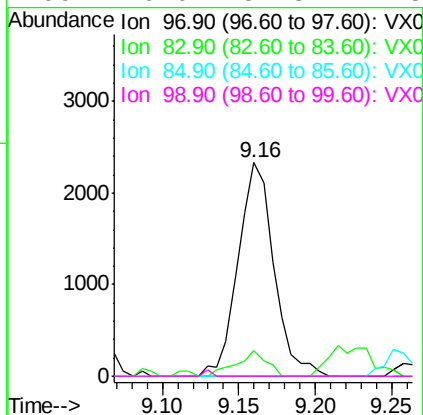
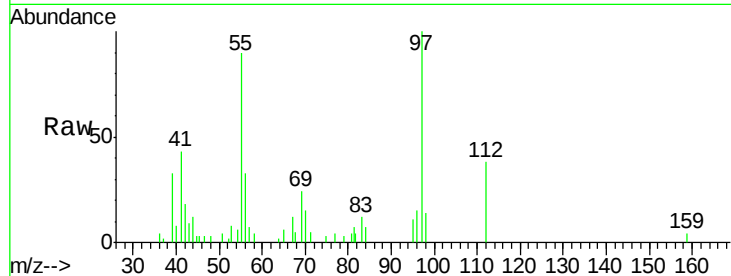




#55
 1,1,2-Trichloroethane
 Concen: 2.050 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012590.D
 Acq: 21 Sep 2019 04:49

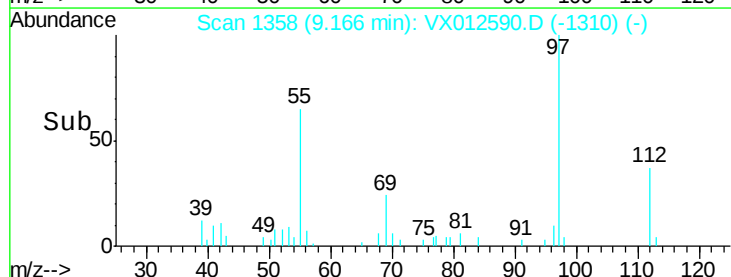
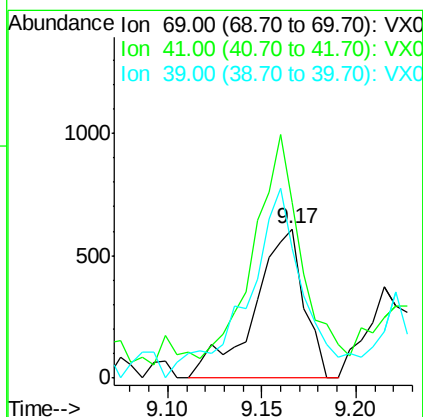
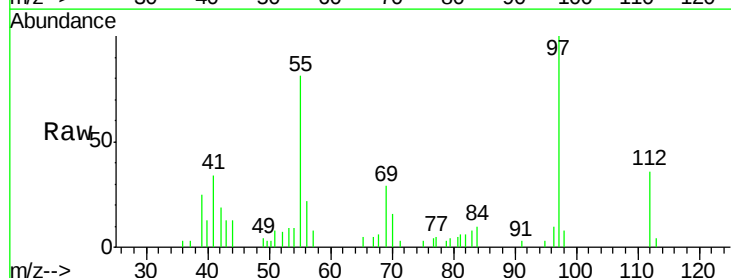
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0164

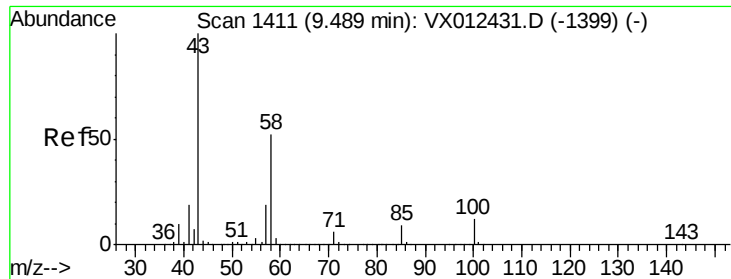
Tot Ion: 97 Resp: 3797
 Ion Ratio Lower Upper
 97 100
 83 9.5 67.4 101.2#
 85 0.0 43.5 65.3#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 0.383 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX012590.D
 Acq: 21 Sep 2019 04:49

Tgt Ion: 69 Resp: 1109
 Ion Ratio Lower Upper
 69 100
 41 136.5 58.4 87.6#
 39 146.0 33.4 50.0#

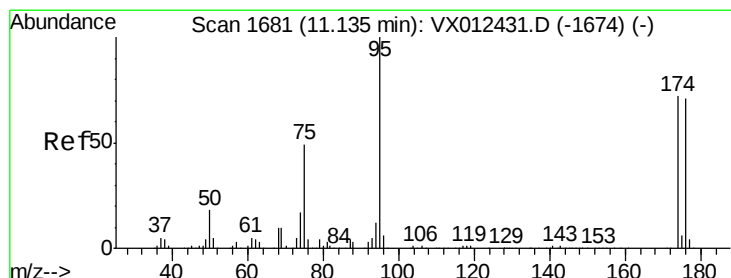
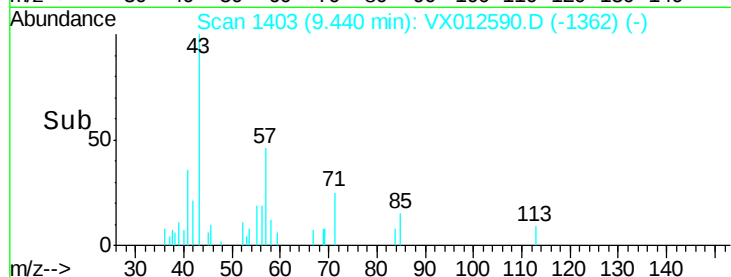
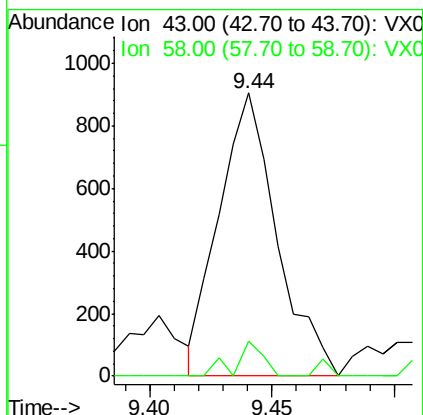
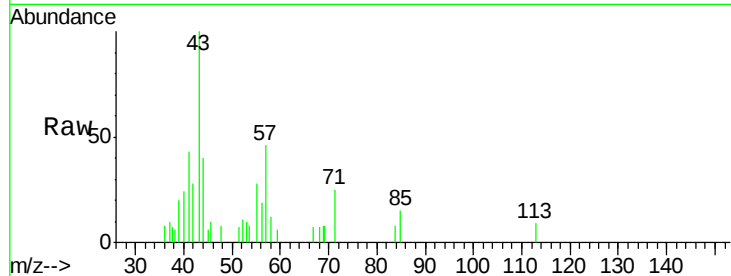




#59
2-Hexanone
Concen: 0.601 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

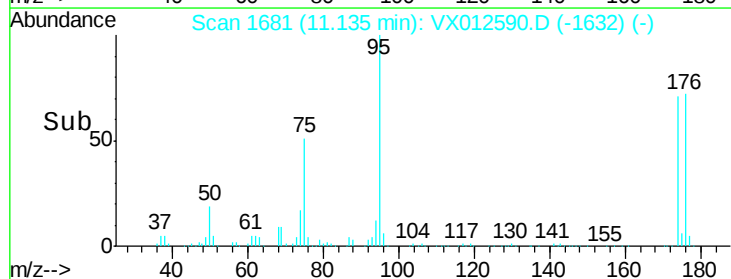
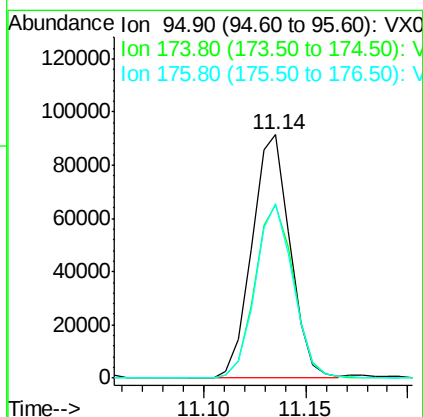
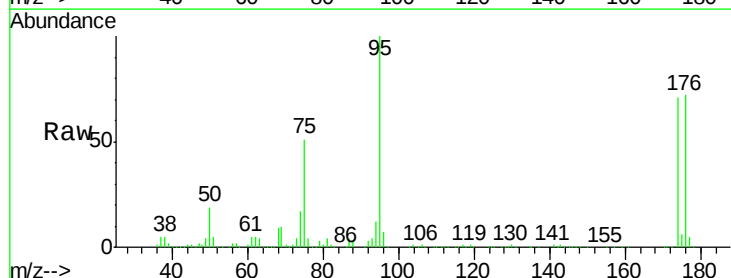
Instrument :
MSVOA_X
ClientSampled :
Z2-0164

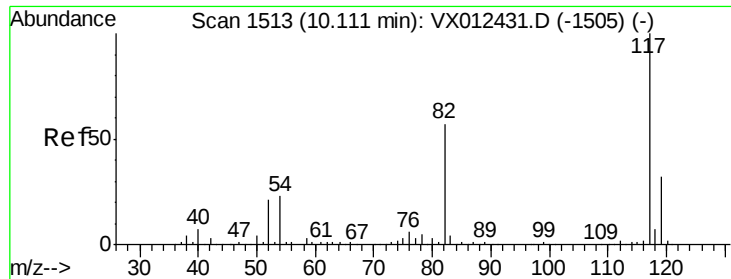
Tot Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
58 5.8 25.7 77.1#



#62
4-Bromofluorobenzene
Concen: 44.126 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 95 Resp: 118499
Ion Ratio Lower Upper
95 100
174 72.8 0.0 140.0
176 71.2 0.0 135.4

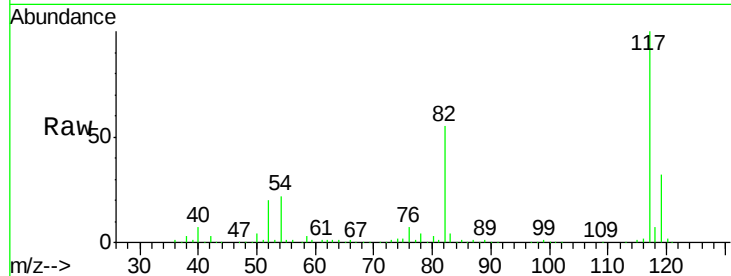




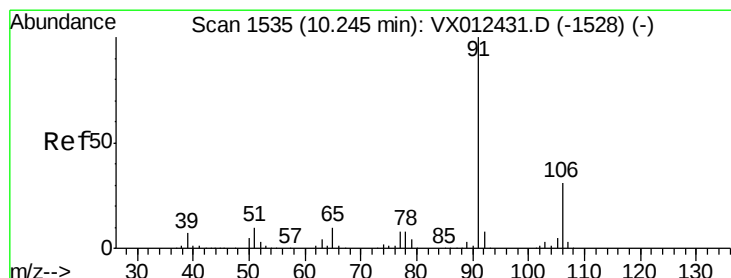
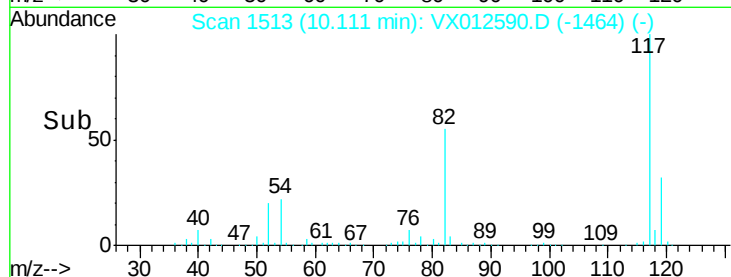
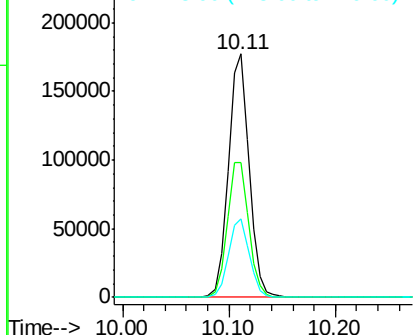
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tot Ion:117 Resp: 241852
Ion Ratio Lower Upper
117 100
82 55.3 45.9 68.9
119 32.0 25.3 37.9

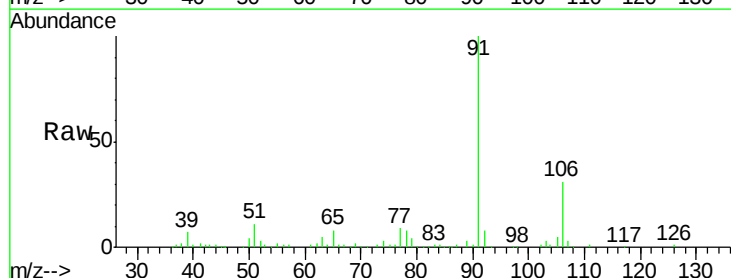


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

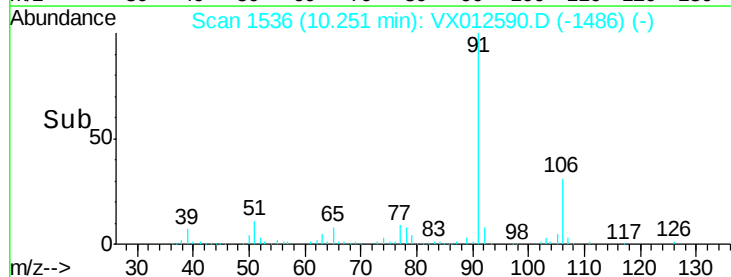
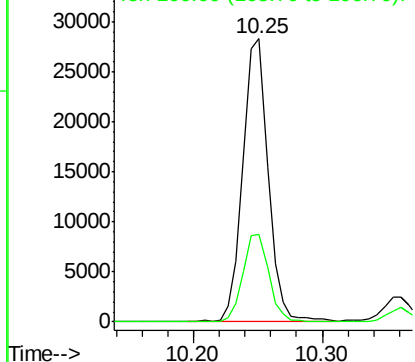


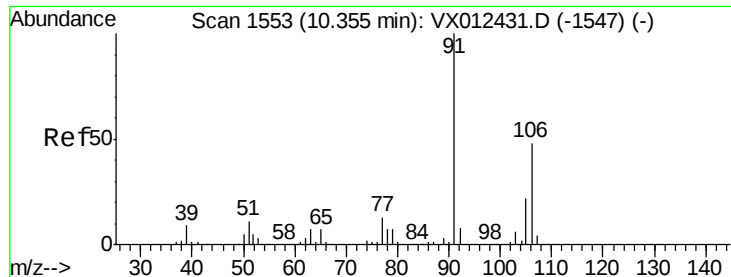
#67
Ethyl Benzene
Concen: 5.637 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 91 Resp: 38659
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



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

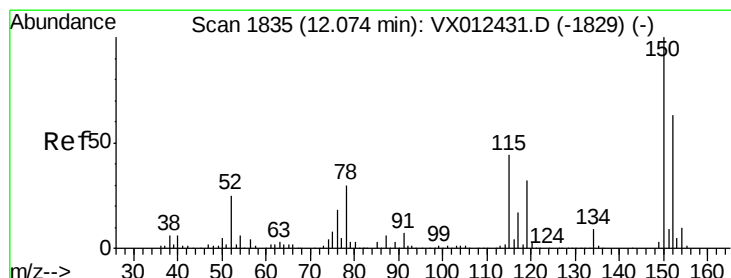
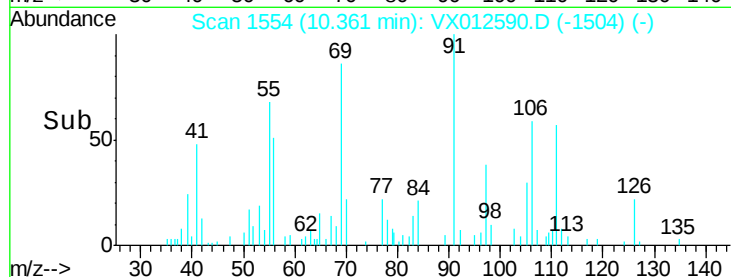
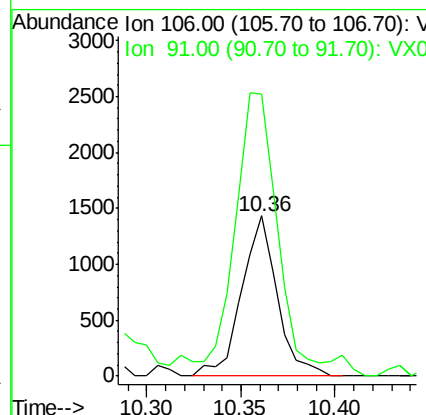
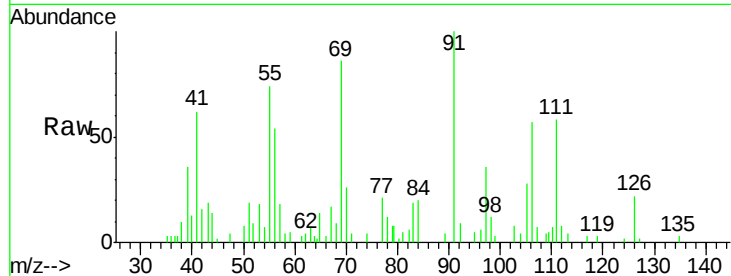




#68
m/p-Xvlenes
Concen: 0.755 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

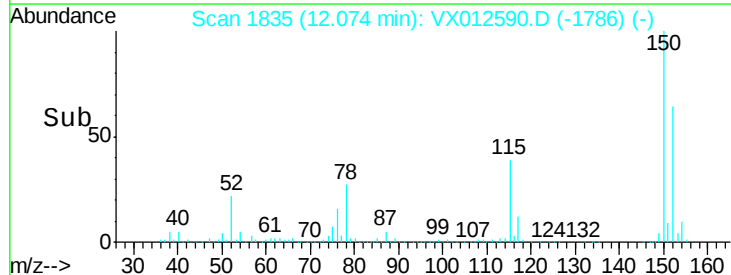
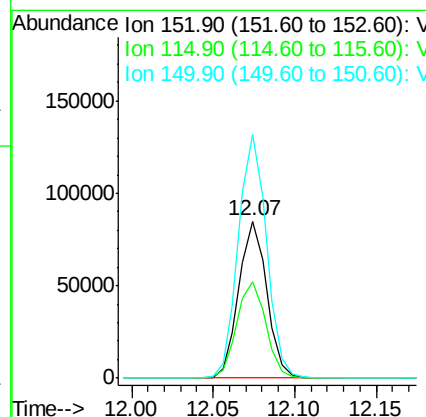
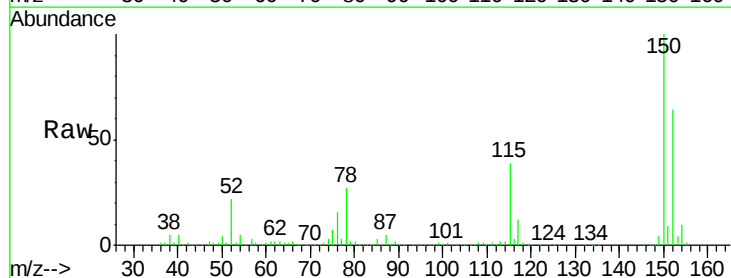
Instrument :
MSVOA_X
ClientSampled :
Z2-0164

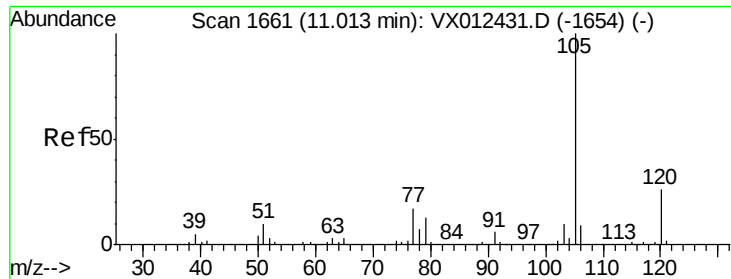
Tot Ion:106 Resp: 1883
Ion Ratio Lower Upper
106 100
91 194.6 166.6 250.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion:152 Resp: 101813
Ion Ratio Lower Upper
152 100
115 63.8 44.1 132.3
150 156.1 0.0 343.8

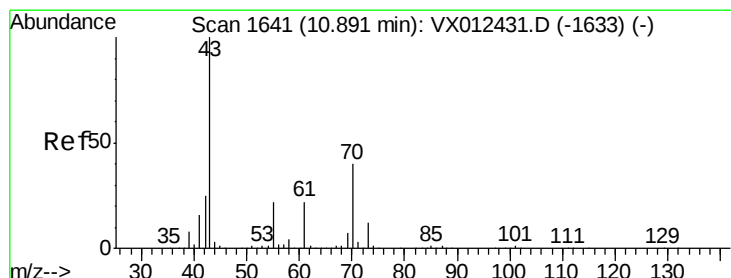
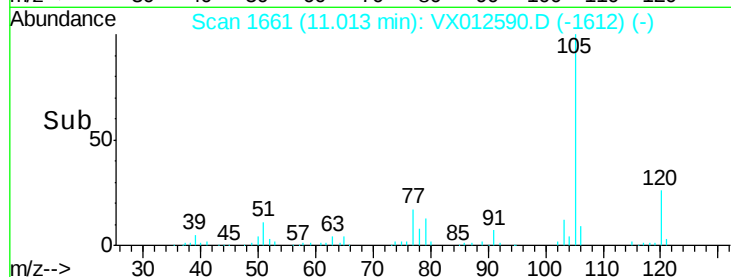
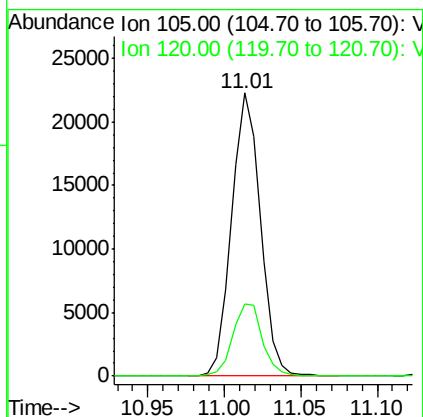
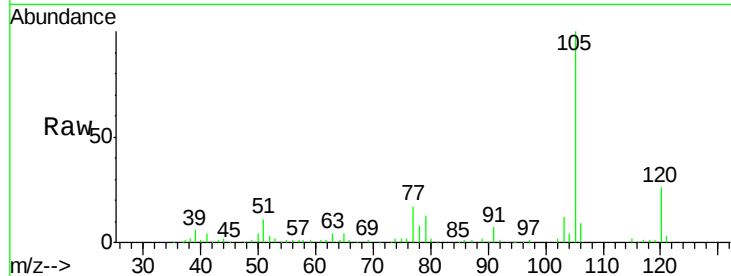




#73
Isopropylbenzene
Concen: 4.550 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

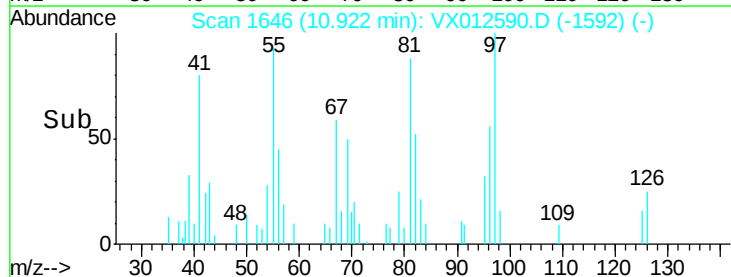
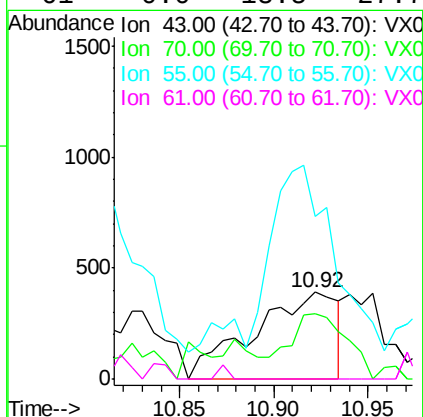
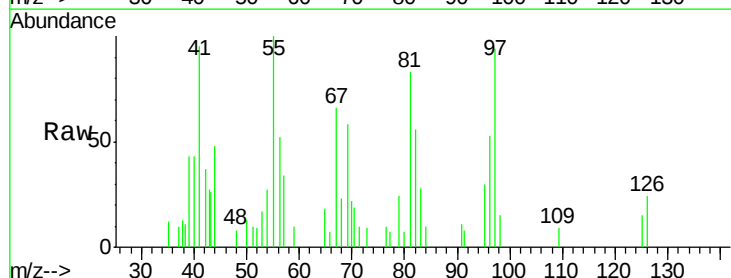
Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

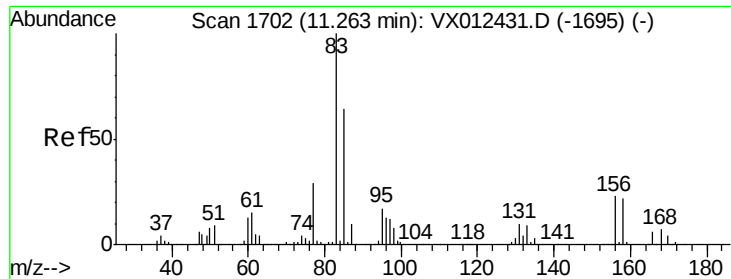
Tot Ion: 105 Resp: 29066
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 0.350 ug/l
RT: 10.92 min Scan# 1646
Delta R.T. 0.03 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
70 57.1 32.4 48.6#
55 156.9 18.2 27.4#
61 0.0 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.543 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampled :

Z2-0164

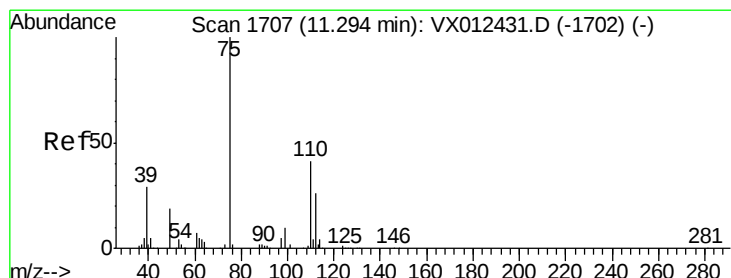
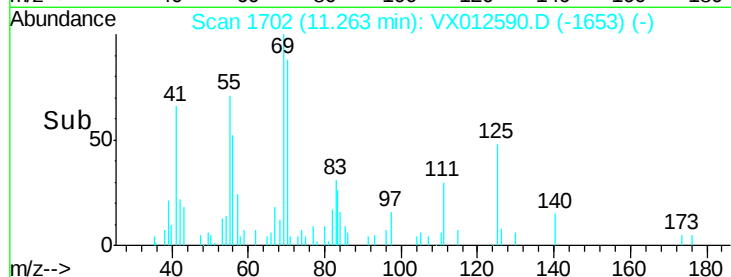
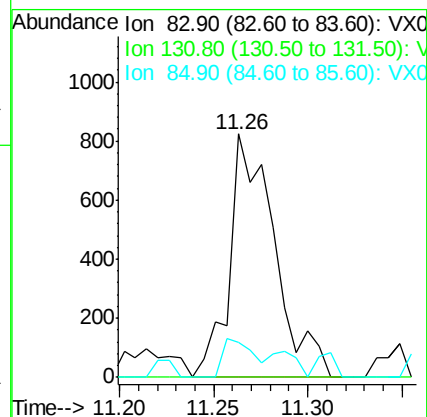
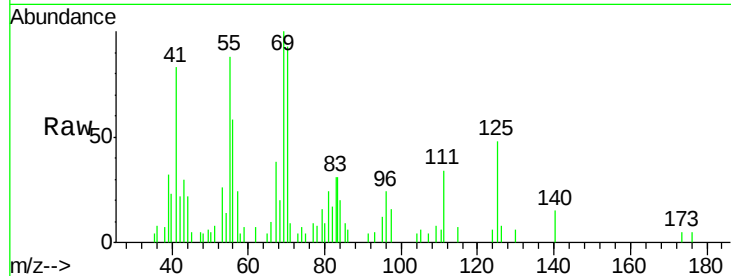
Tot Ion: 83 Resp: 1360

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 10.6 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 26.598 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012590.D

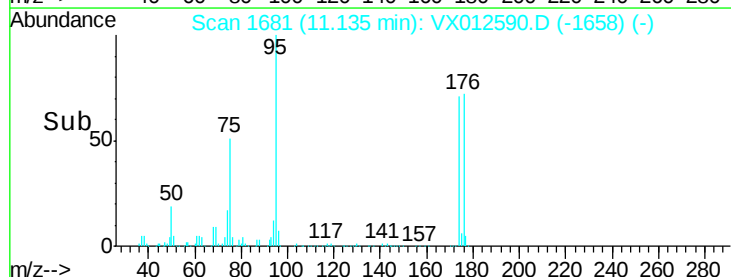
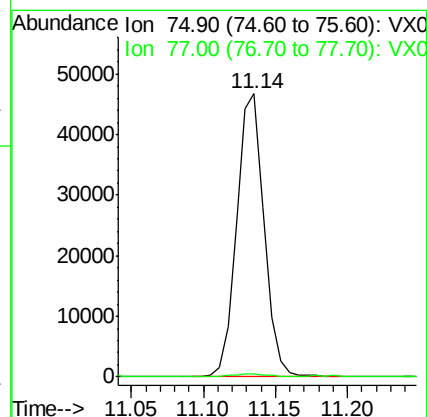
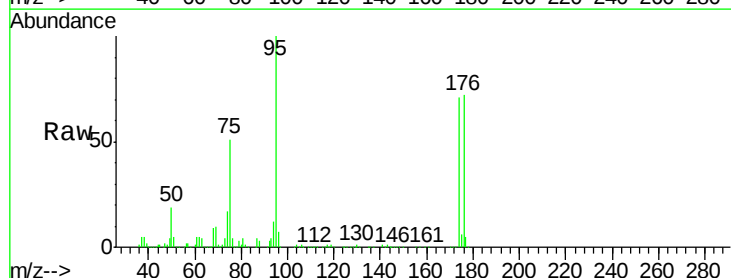
Acq: 21 Sep 2019 04:49

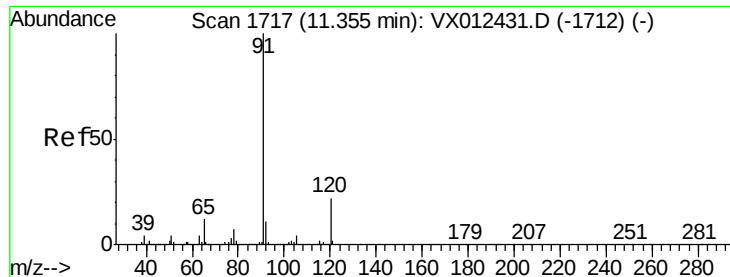
Tgt Ion: 75 Resp: 62206

Ion Ratio Lower Upper

75 100

77 1.3 19.7 59.0#





#78

n-propylbenzene

Concen: 4.307 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampled :

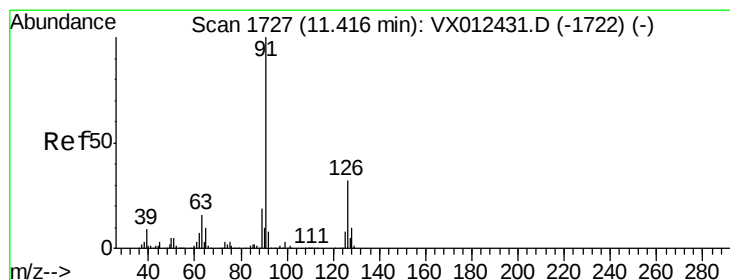
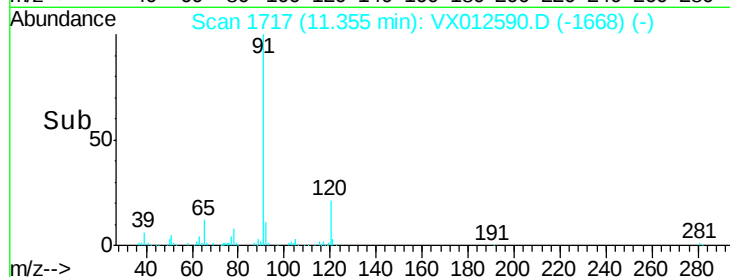
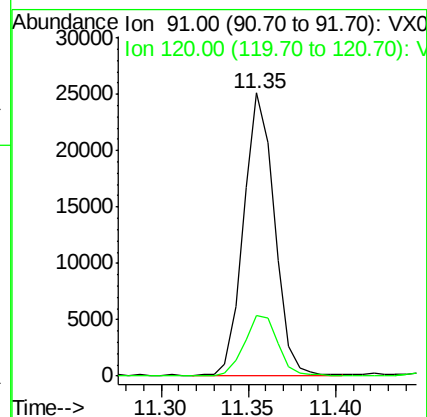
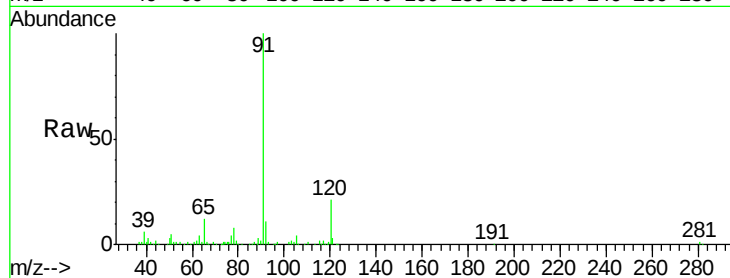
Z2-0164

Tot Ion: 91 Resp: 30663

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.8



#79

2-Chlorotoluene

Concen: 6.620 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012590.D

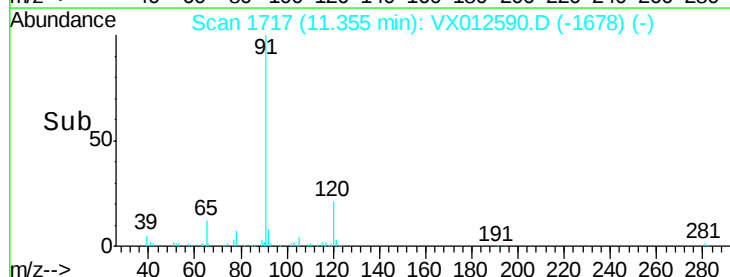
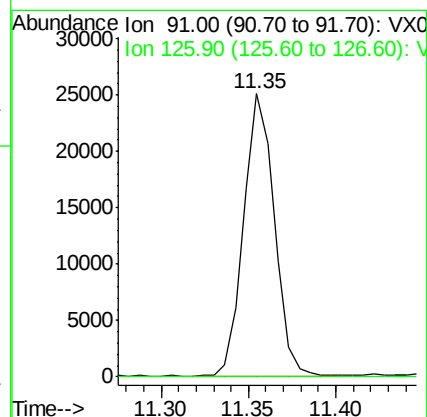
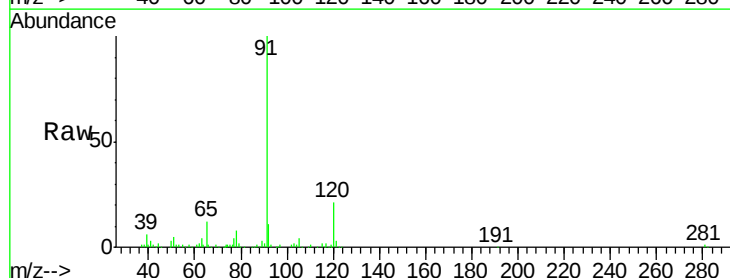
Acq: 21 Sep 2019 04:49

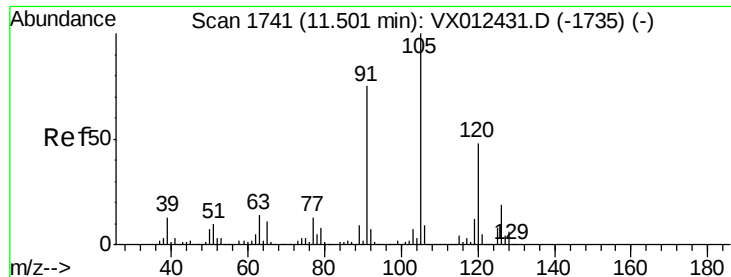
Tgt Ion: 91 Resp: 30663

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#





#80

1,3,5-Trimethylbenzene

Concen: 0.344 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

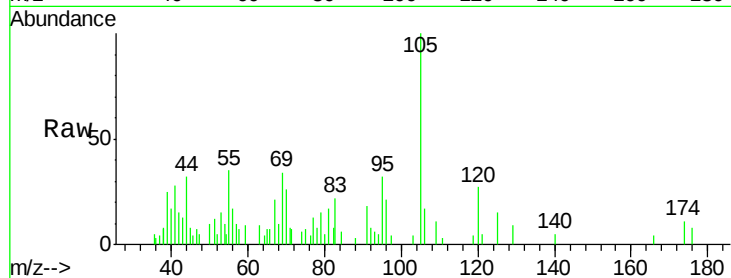
Z2-0164

Tot Ion:105 Resp: 1876

Ion Ratio Lower Upper

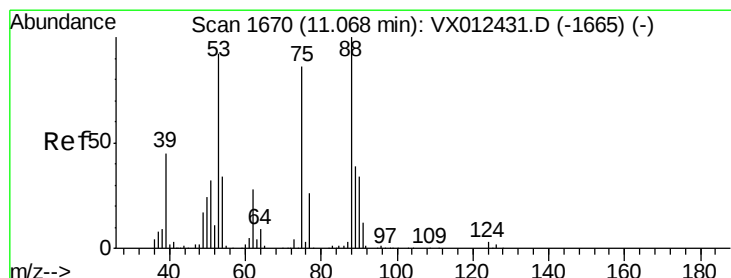
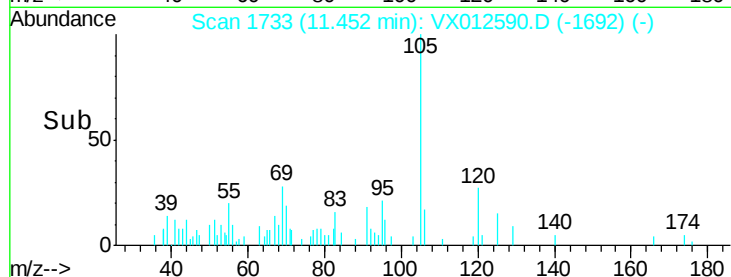
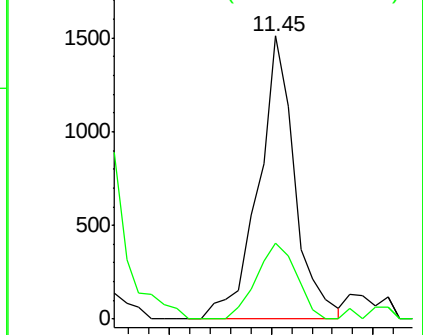
105 100

120 29.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 71.597 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

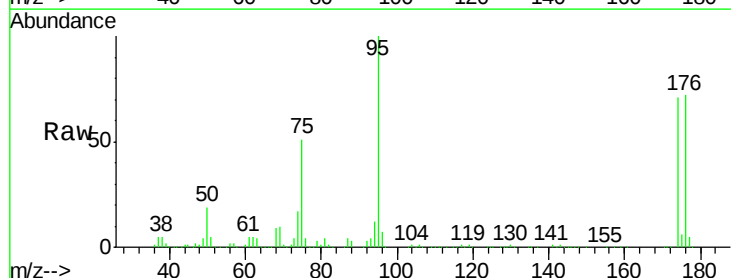
Tgt Ion: 75 Resp: 62206

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

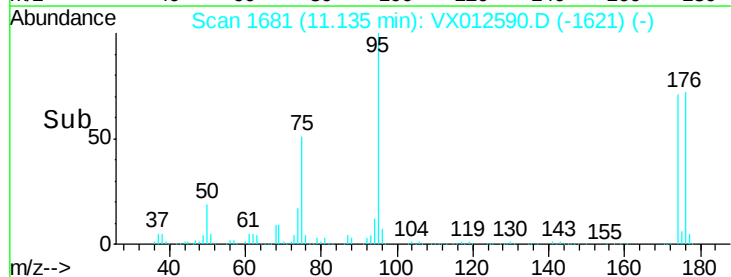
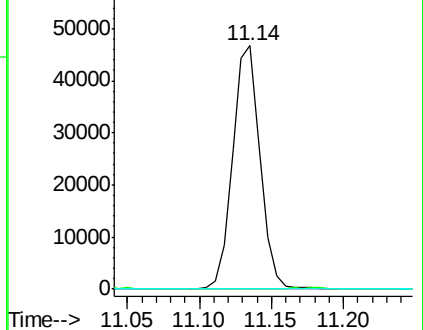
89 0.0 36.3 54.5#

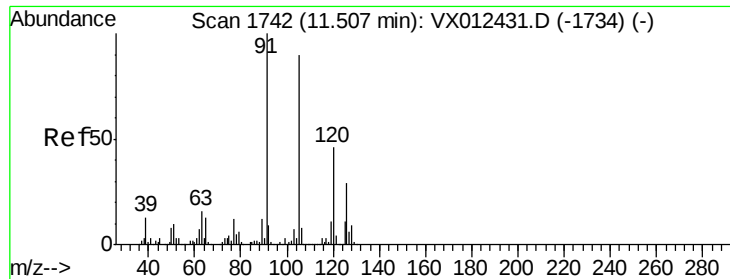


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 5.768 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

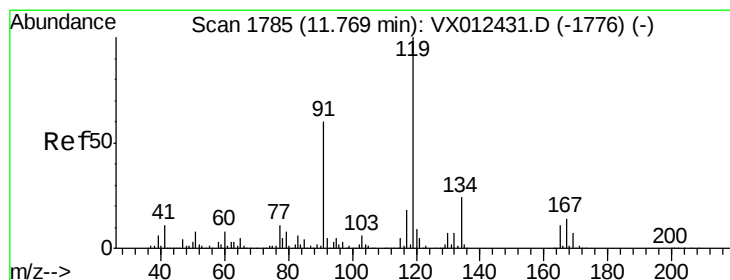
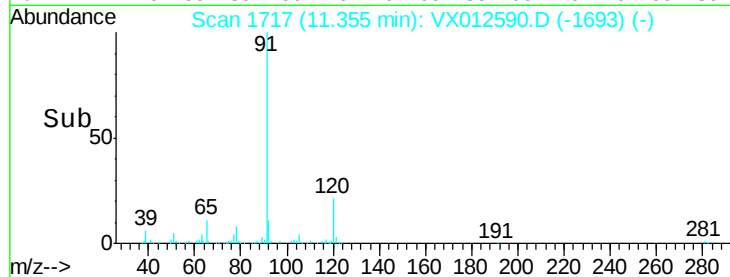
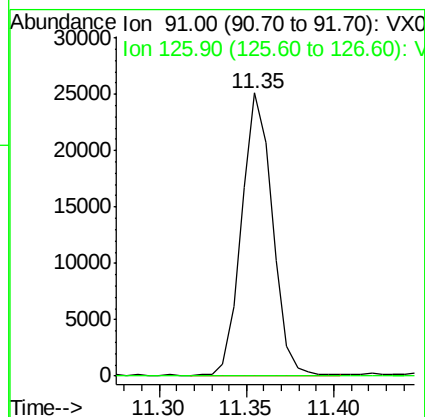
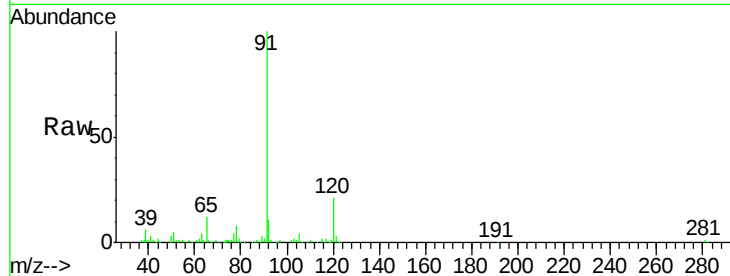
Z2-0164

Tot Ion: 91 Resp: 30663

Ion Ratio Lower Upper

91 100

126 0.0 14.4 43.0#



#83

tert-Butylbenzene

Concen: 0.203 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

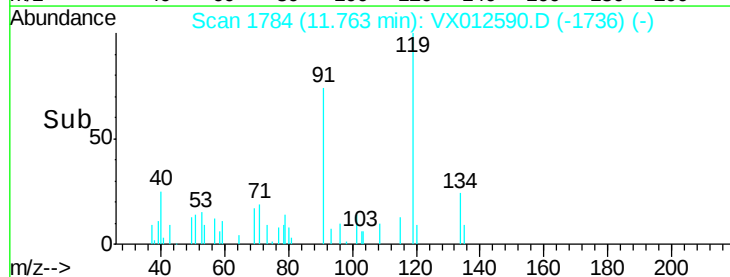
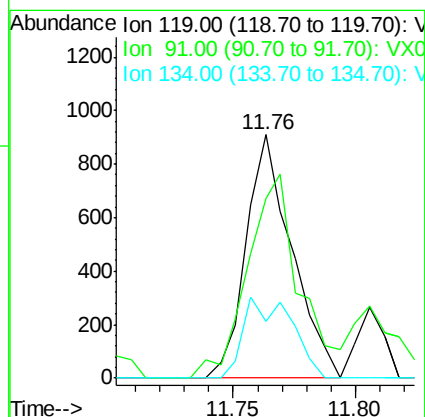
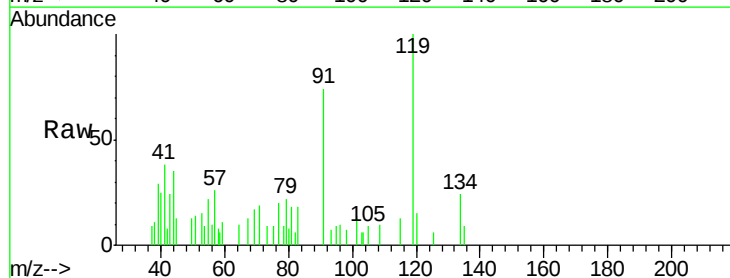
Tgt Ion: 119 Resp: 1185

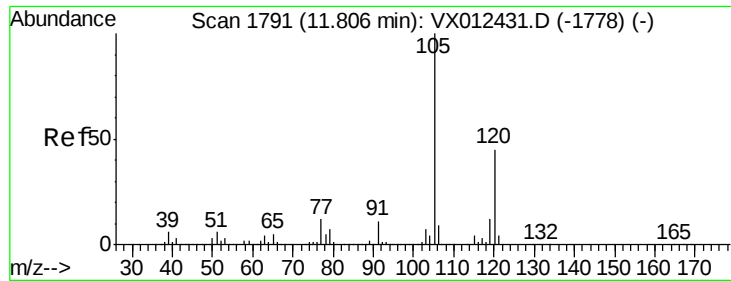
Ion Ratio Lower Upper

119 100

91 95.3 30.0 90.0#

134 34.9 11.3 33.9#

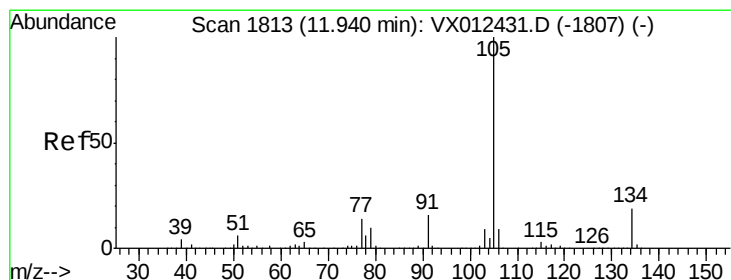
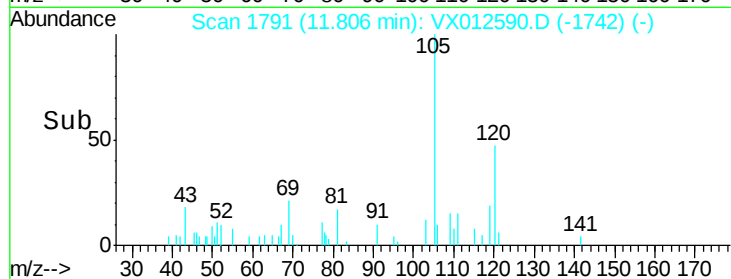
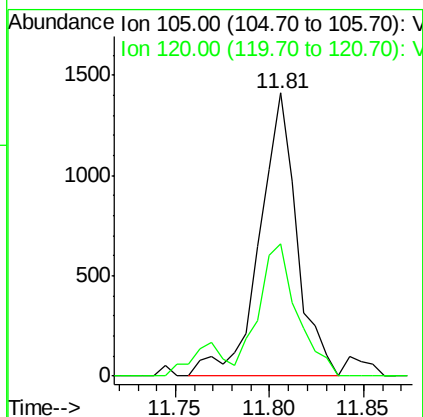
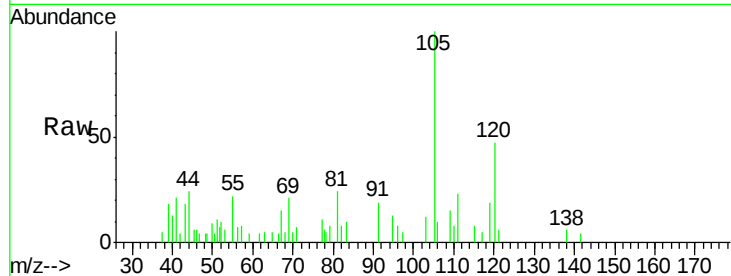




#84
 1,2,4-Trimethylbenzene
 Concen: 0.347 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012590.D
 Acq: 21 Sep 2019 04:49

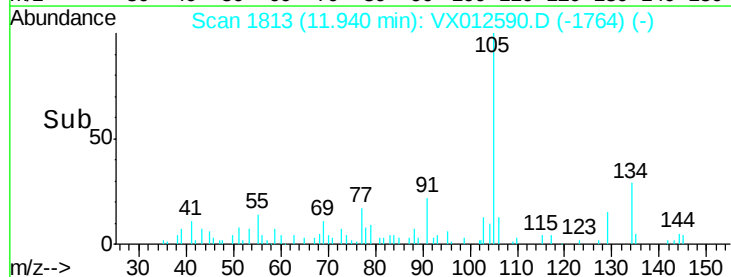
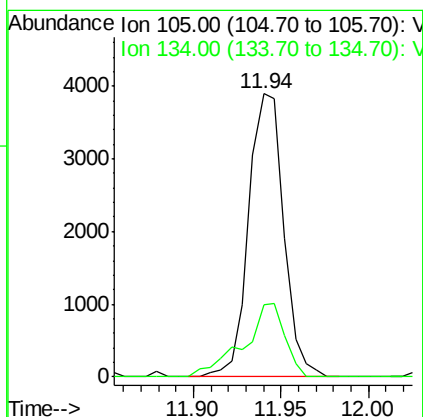
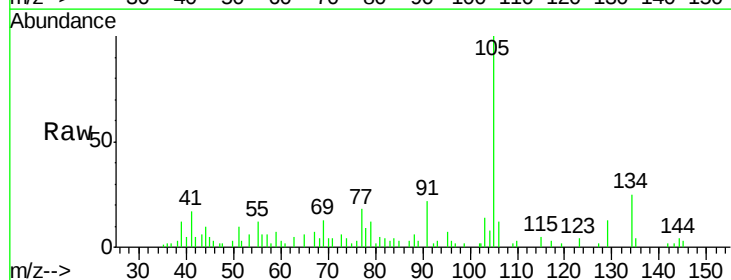
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0164

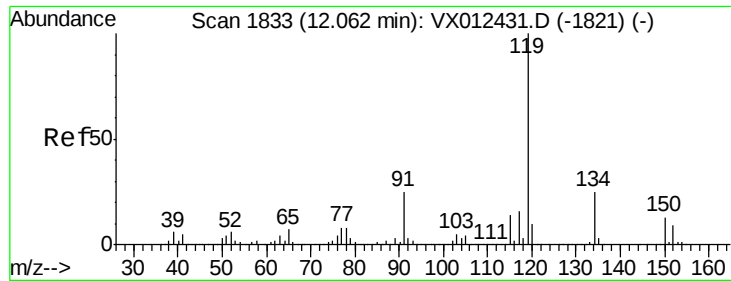
Tot Ion:105 Resp: 1940
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.843 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012590.D
 Acq: 21 Sep 2019 04:49

Tgt Ion:105 Resp: 5426
 Ion Ratio Lower Upper
 105 100
 134 30.4 9.8 29.4#

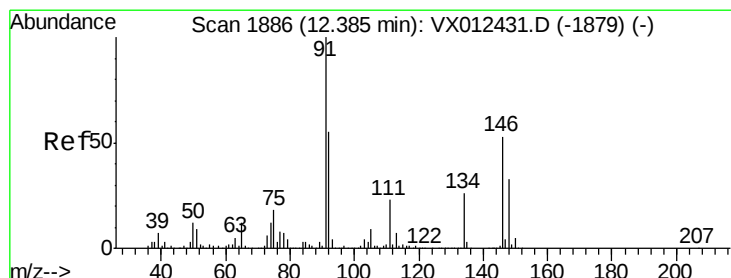
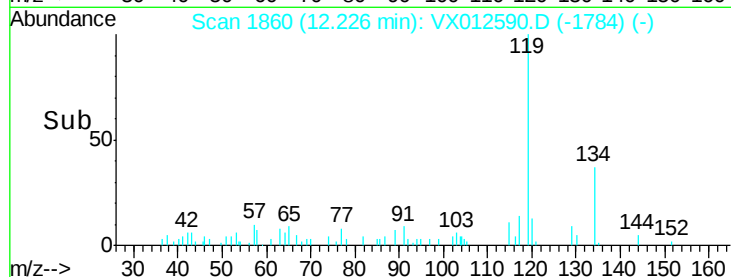
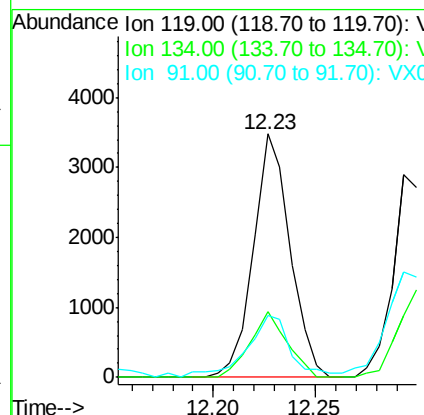
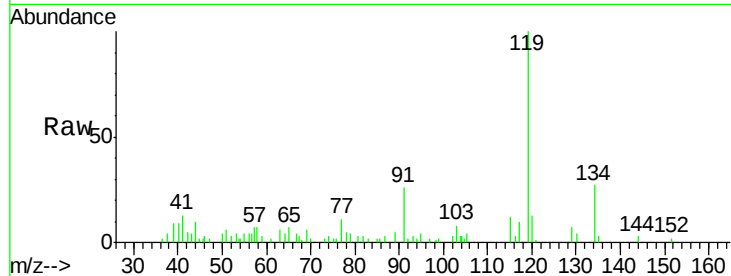




#86
p-Isopropyltoluene
Concen: 0.739 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

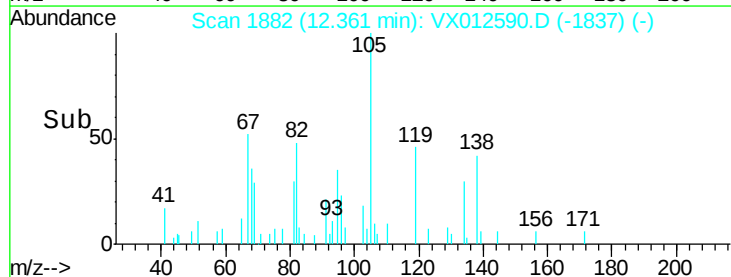
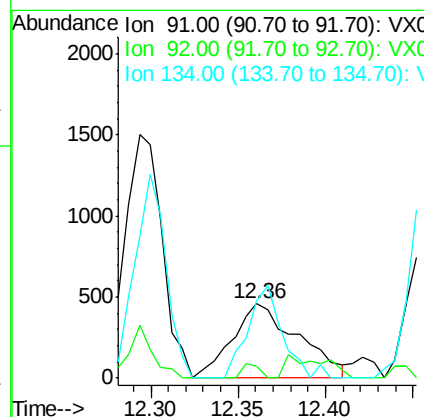
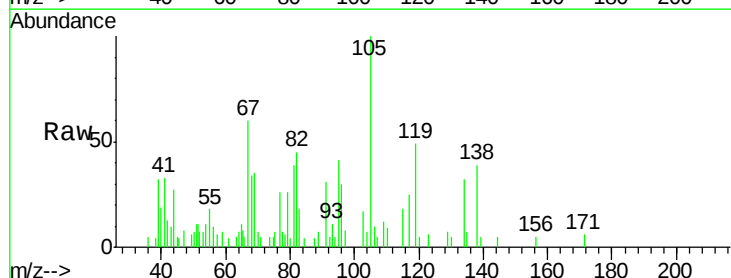
Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

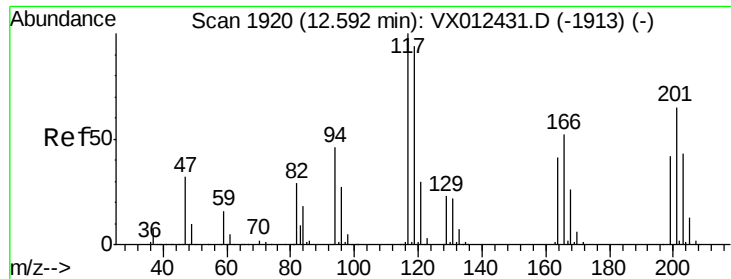
Tot Ion:119 Resp: 4368
Ion Ratio Lower Upper
119 100
134 27.1 12.7 38.1
91 31.3 12.8 38.4



#89
n-Butylbenzene
Concen: 0.228 ug/l
RT: 12.36 min Scan# 1882
Delta R.T. -0.02 min
Lab File: VX012590.D
Acq: 21 Sep 2019 04:49

Tgt Ion: 91 Resp: 1200
Ion Ratio Lower Upper
91 100
92 5.0 27.7 83.0#
134 65.7 12.9 38.6#





#90

Hexachloroethane

Concen: 0.336 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

Instrument :

MSVOA_X

ClientSampleId :

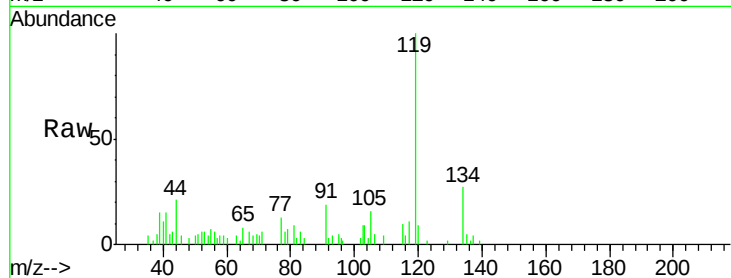
Z2-0164

Tot Ion:117 Resp: 364

Ion Ratio Lower Upper

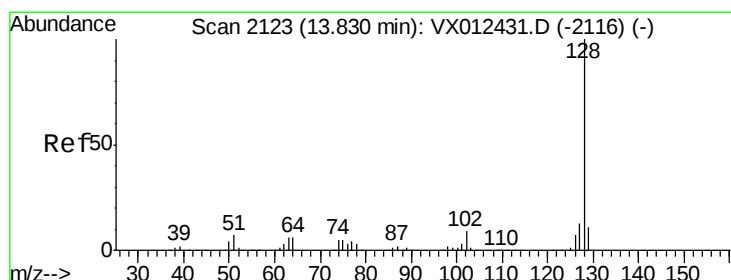
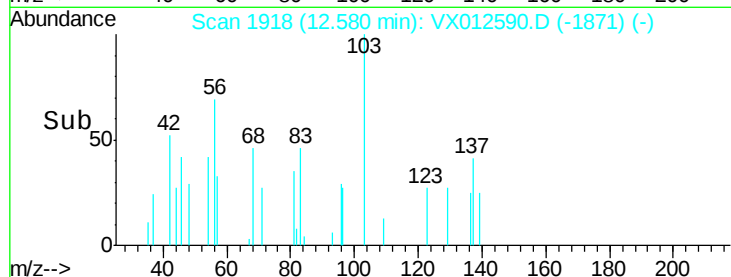
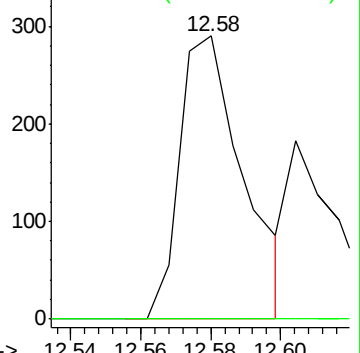
117 100

201 0.0 33.3 99.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.598 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012590.D

Acq: 21 Sep 2019 04:49

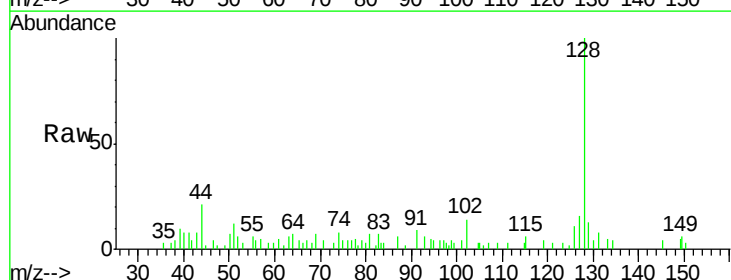
Tgt Ion:128 Resp: 4199

Ion Ratio Lower Upper

128 100

127 20.8 10.2 15.4#

129 14.5 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

