

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016980.D
 Acq On : 26 Jun 2020 13:58
 Operator : JC/SP
 Sample : L3066-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 04:22:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	179431	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	5.47	113	132659	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.70	98	500996	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	227946	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1011	0.378	ug/l	99
5) Bromomethane	1.64	94	278	Below Cal	#	19
10) Methyl Iodide	2.49	142	150	2.831	ug/l #	38
11) Tert butyl alcohol	3.01	59	2001	3.215	ug/l #	76
13) Acrolein	2.26	56	359	0.778	ug/l #	32
16) Acetone	2.42	43	5019	3.895	ug/l	95
17) Carbon Disulfide	2.55	76	2150	0.280	ug/l #	93
20) Methylene Chloride	2.83	84	1164	0.397	ug/l	91
25) 2-Butanone	4.64	43	778	0.396	ug/l #	86
31) Cyclohexane	5.55	56	1818	0.439	ug/l #	74
36) 1,1-Dichloropropene	5.63	75	20529	5.235	ug/l #	51
38) Carbon Tetrachloride	5.63	117	24469	5.896	ug/l #	16
39) Methylcyclohexane	7.45	83	2664	0.628	ug/l	98
44) Trichloroethene	7.19	130	808	0.269	ug/l	72
49) 1,4-Dioxane	7.73	88	53	0.770	ug/l #	29
51) 4-Methyl-2-Pentanone	8.64	43	1002	0.247	ug/l #	37
52) Toluene	8.76	92	1770	0.254	ug/l	97
55) 1,1,2-Trichloroethane	9.15	97	6457	2.258	ug/l #	18
56) Ethyl methacrylate	9.15	69	1899	0.443	ug/l #	9
60) Dibromochloromethane	9.32	129	797	0.244	ug/l #	11
64) Tetrachloroethene	9.32	164	660	0.241	ug/l #	79
67) Ethyl Benzene	10.24	91	212777	14.622	ug/l	100
68) m/p-Xylenes	10.35	106	163941	30.324	ug/l	94
69) o-Xylene	10.68	106	8233	1.596	ug/l	66
73) Isopropylbenzene	11.01	105	3184687	214.734	ug/l	99
74) N-amyl acetate	10.90	43	17850	2.552	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	19838	3.975	ug/l #	36
76) 1,2,3-Trichloropropane	11.35	75	43951	9.723	ug/l #	1
78) n-propylbenzene	11.35	91	6366223	363.685	ug/l	100
79) 2-Chlorotoluene	11.35	91	6366223	604.794	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.44	105	547239	44.394	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.00	75	43507	24.435	ug/l #	71
82) 4-Chlorotoluene	11.35	91	6366223	513.866	ug/l #	45
83) tert-Butylbenzene	11.76	119	354586	29.535	ug/l	87

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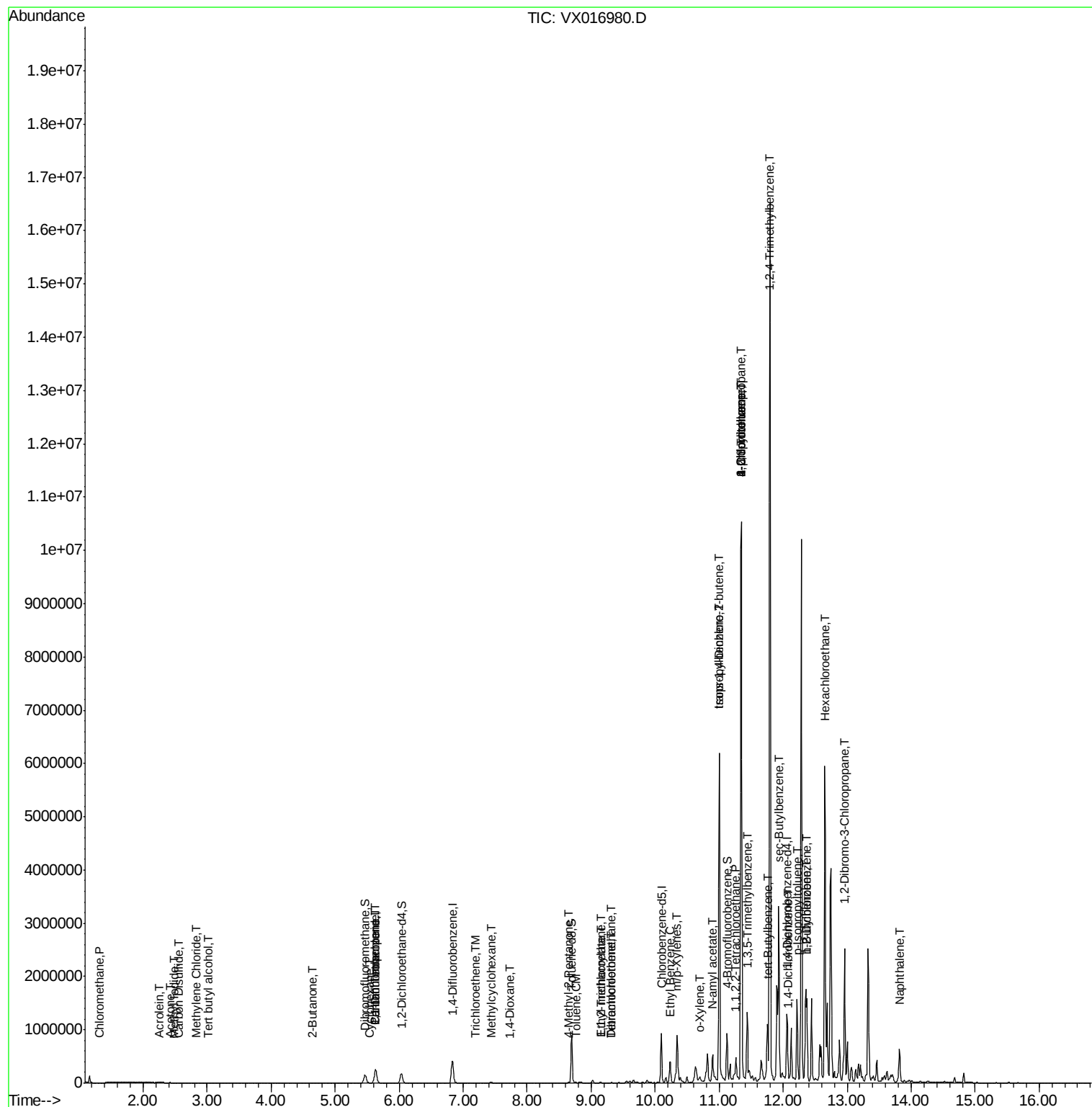
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.79	105	6803535	545.646	ug/l	97
85) sec-Butylbenzene	11.93	105	1623146	115.957	ug/l	99
86) p-Isopropyltoluene	12.22	119	642960	50.272	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1916	0.272	ug/l #	1
89) n-Butylbenzene	12.37	91	694896	57.723	ug/l #	82
90) Hexachloroethane	12.65	117	215289	81.200	ug/l #	16
91) 1,2-Dichlorobenzene	12.38	146	2360	0.361	ug/l #	69
92) 1,2-Dibromo-3-Chloropropan	12.96	75	9320	8.161	ug/l #	5
95) Naphthalene	13.82	128	355115	25.345	ug/l	99

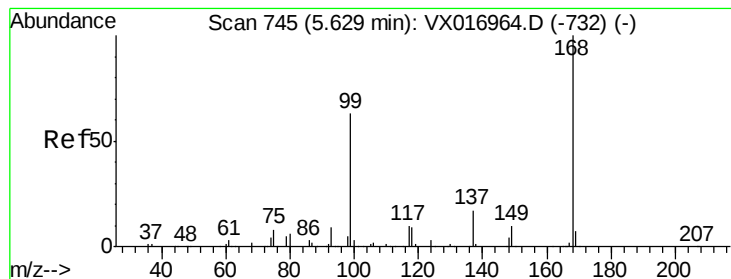
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

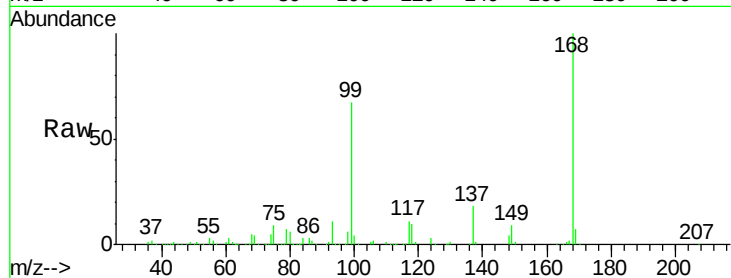
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 218286

Ion Ratio Lower Upper

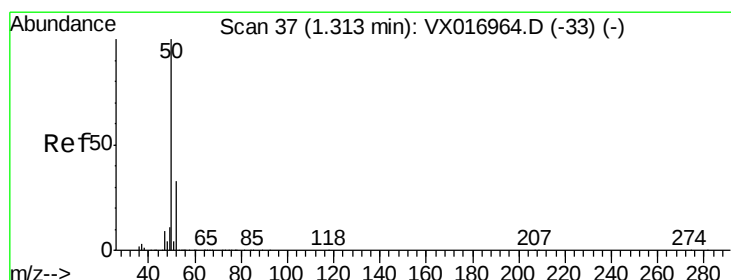
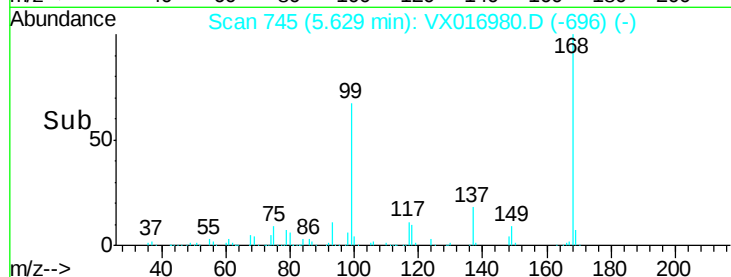
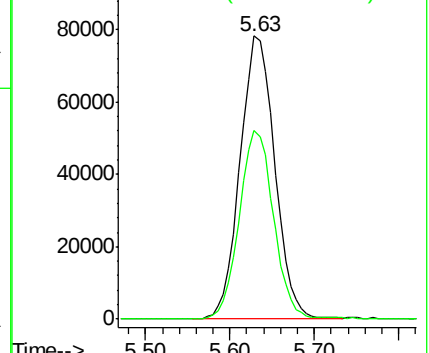
168 100

99 66.7 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.378 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016980.D

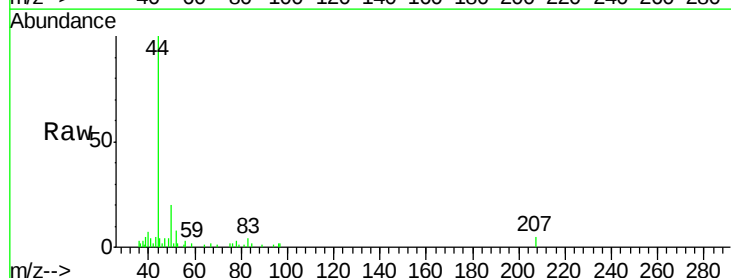
Acq: 26 Jun 2020 13:58

Tgt Ion: 50 Resp: 1011

Ion Ratio Lower Upper

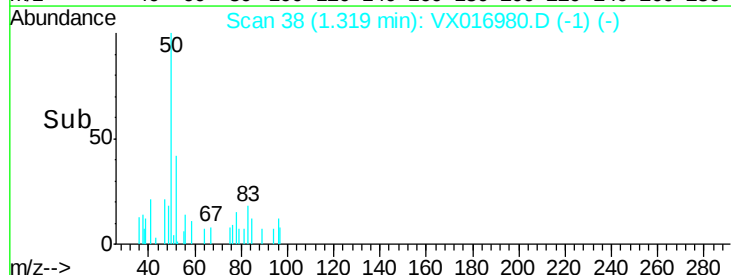
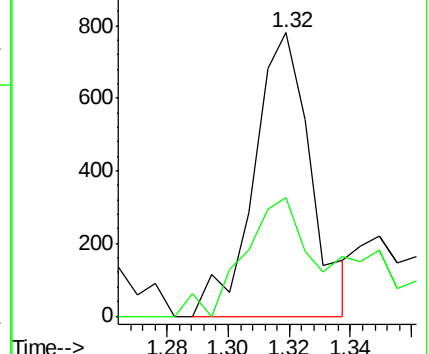
50 100

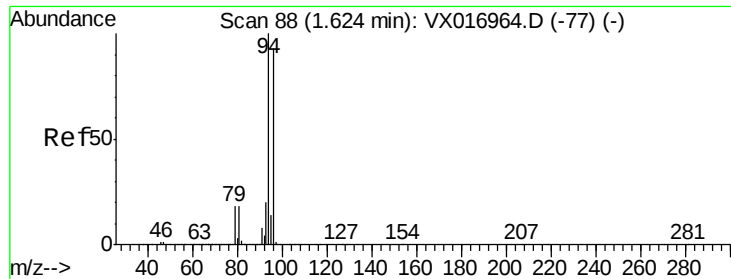
52 33.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

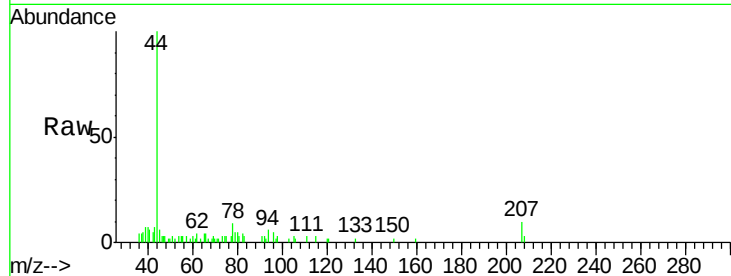
ClientSampled :

Tot Ion: 94 Resp: 278

Ion Ratio Lower Upper

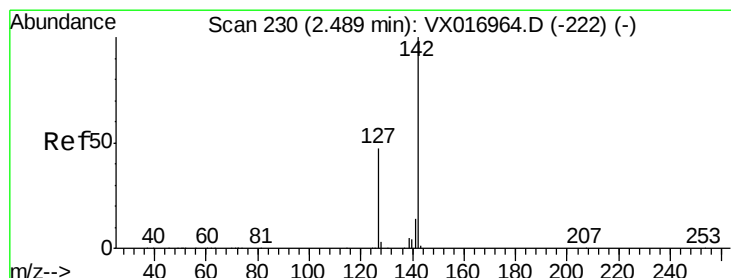
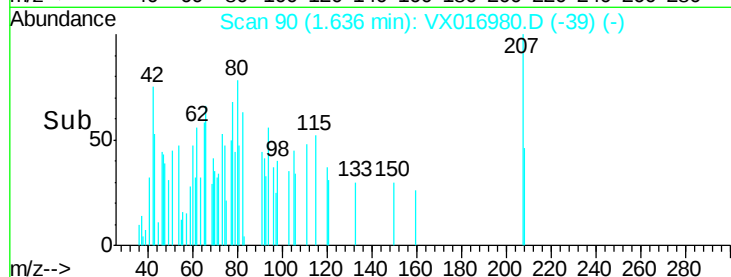
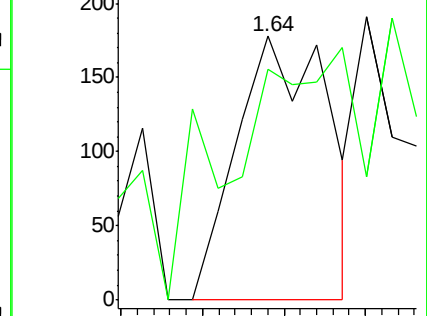
94 100

96 15.2 74.2 111.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 2.831 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

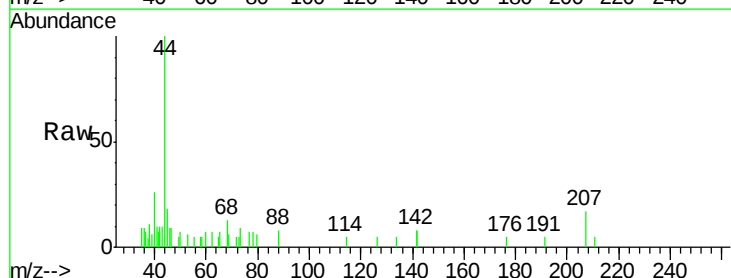
Tgt Ion: 142 Resp: 150

Ion Ratio Lower Upper

142 100

127 0.0 37.4 56.0#

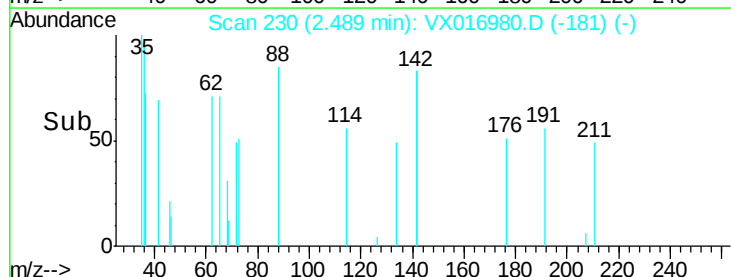
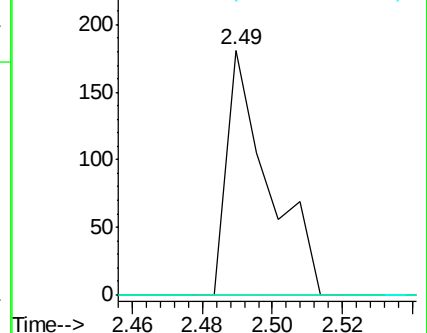
141 0.0 11.7 17.5#

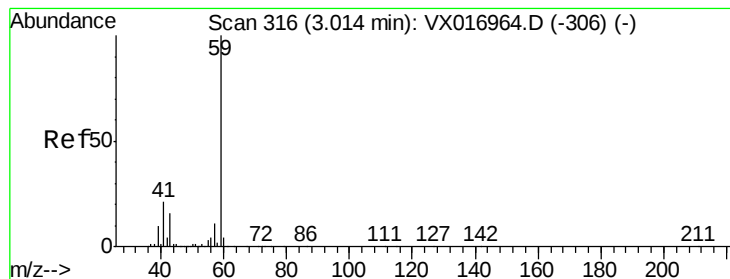


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



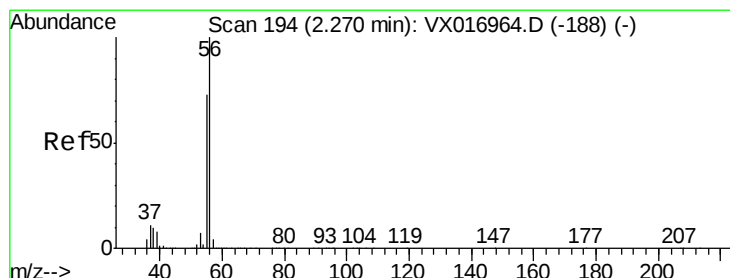
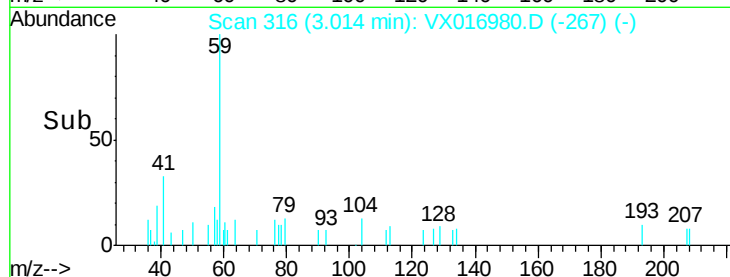
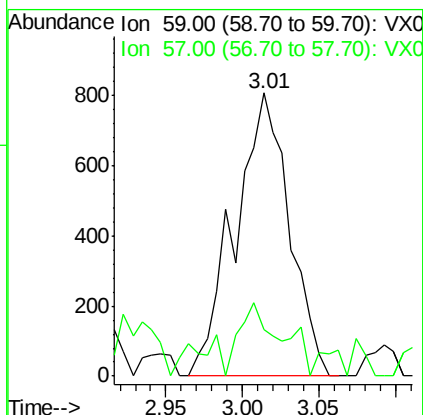
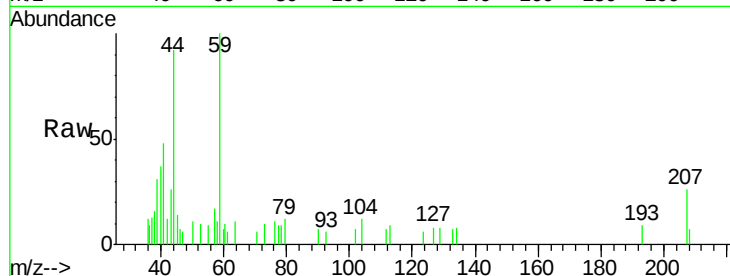


#11

Tert butyl alcohol
Concen: 3.215 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :

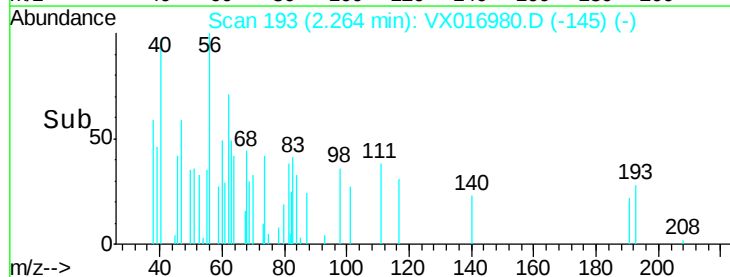
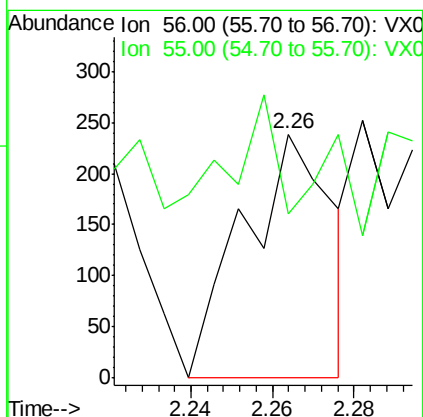
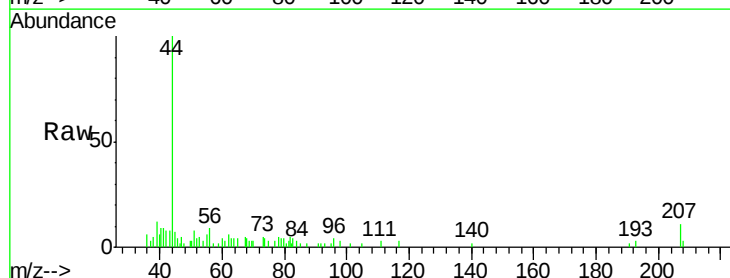
Tot Ion: 59 Resp: 2001
Ion Ratio Lower Upper
59 100
57 19.6 8.5 12.7#

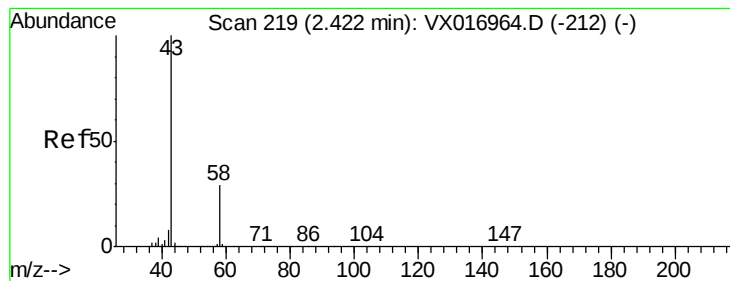


#13

Acrolein
Concen: 0.778 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
55 15.3 57.5 86.3#





#16

Acetone

Concen: 3.895 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

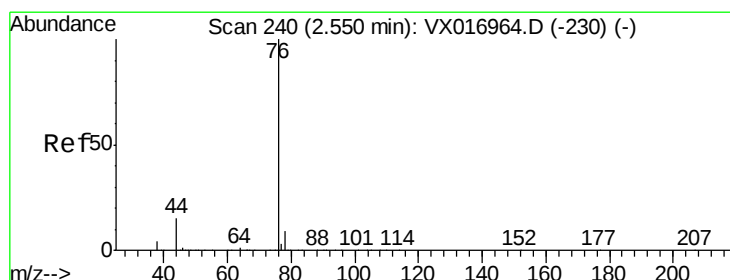
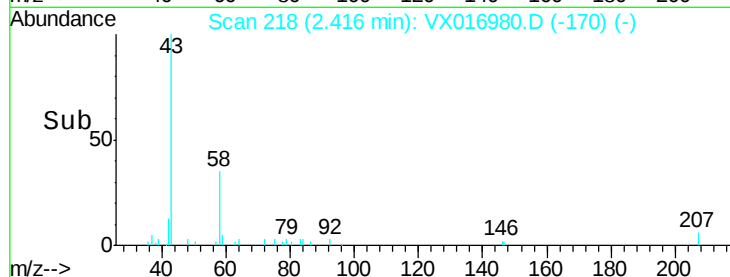
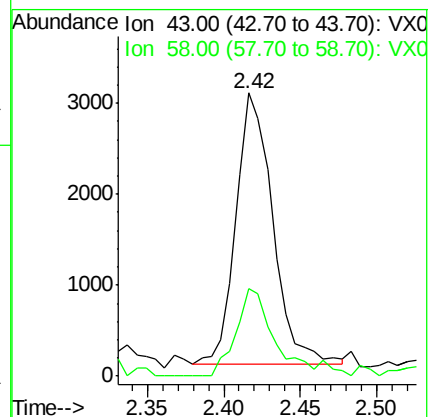
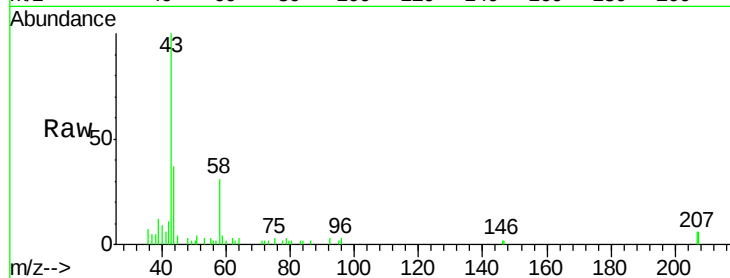
ClientSampleId :

Tot Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

58 32.3 23.5 35.3



#17

Carbon Disulfide

Concen: 0.280 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016980.D

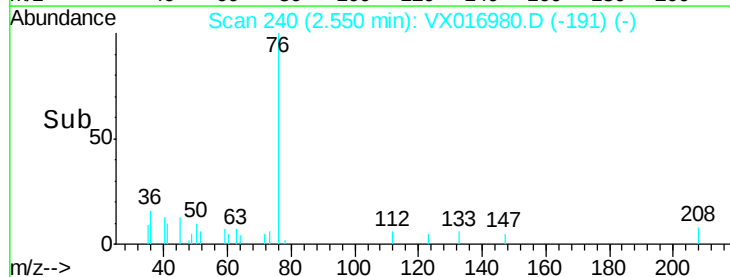
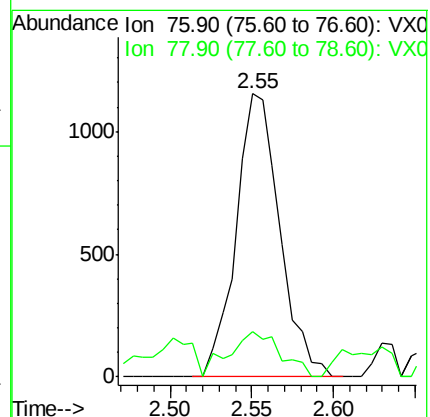
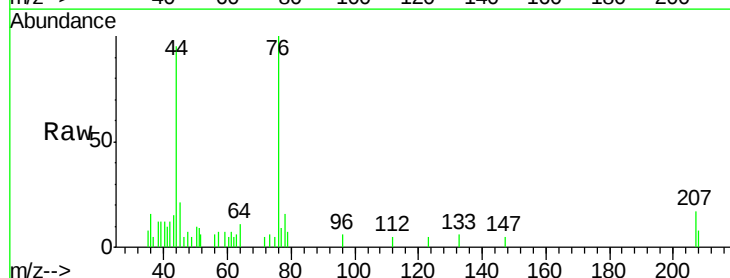
Acq: 26 Jun 2020 13:58

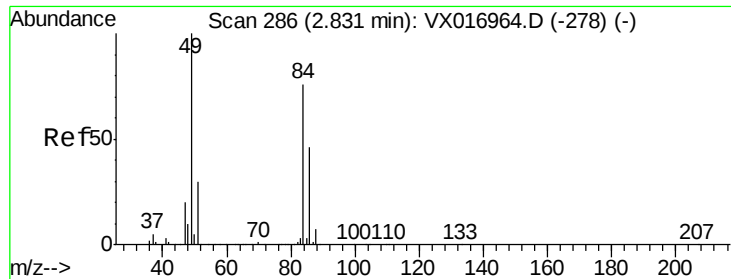
Tgt Ion: 76 Resp: 2150

Ion Ratio Lower Upper

76 100

78 6.2 7.0 10.4#

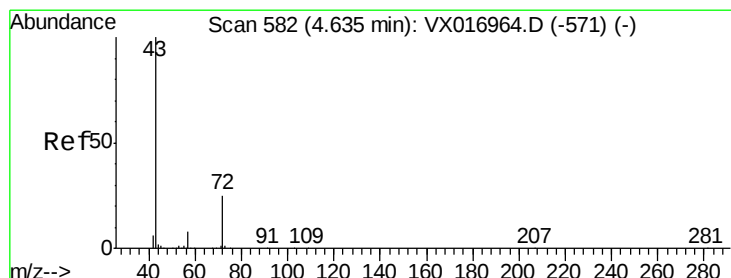
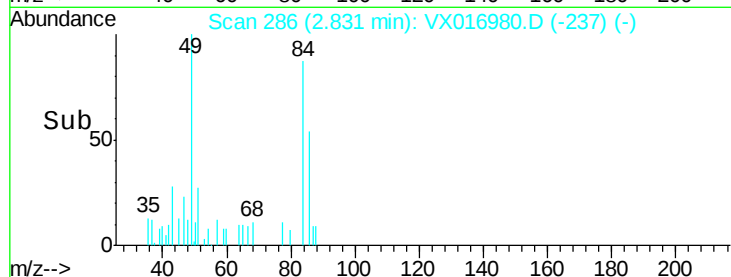
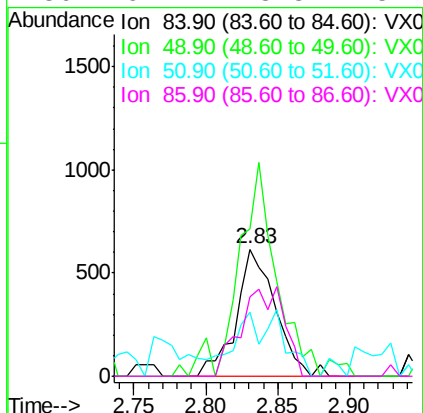
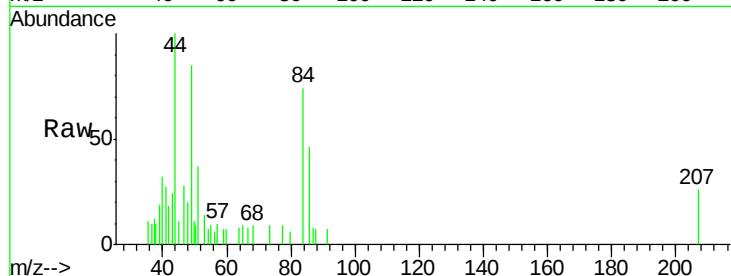




#20
Methvlene Chloride
Concen: 0.397 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

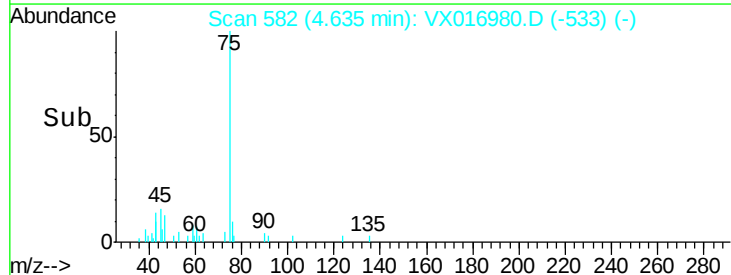
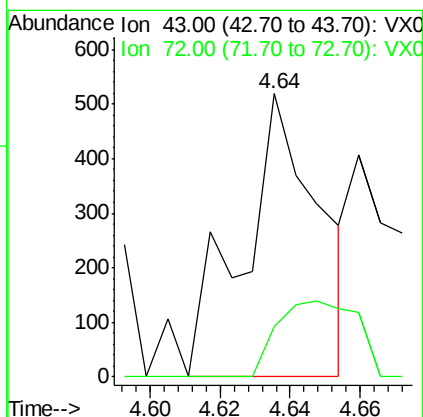
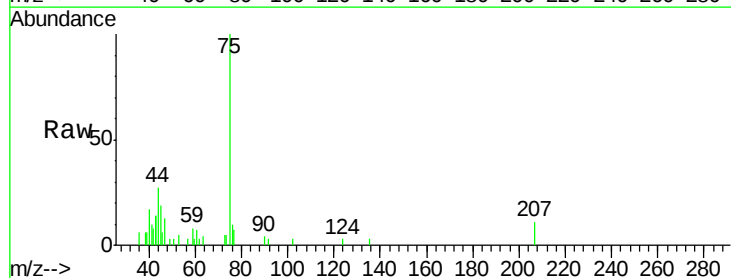
Instrument :
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ClientSampleId :

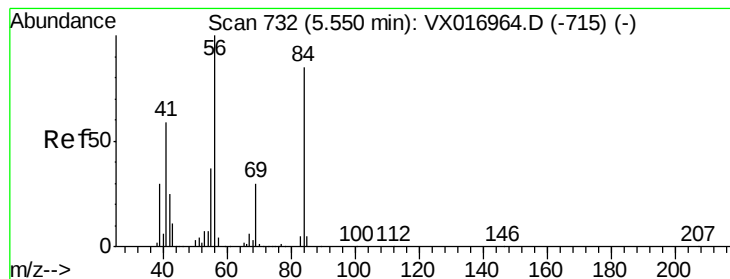
Tot Ion: 84 Resp: 1164
Ion Ratio Lower Upper
84 100
49 115.6 105.6 158.4
51 40.8 31.2 46.8
86 62.2 48.8 73.2



#25
2-Butanone
Concen: 0.396 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
72 17.7 20.0 30.0#





#31

Cvclohexane

Concen: 0.439 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

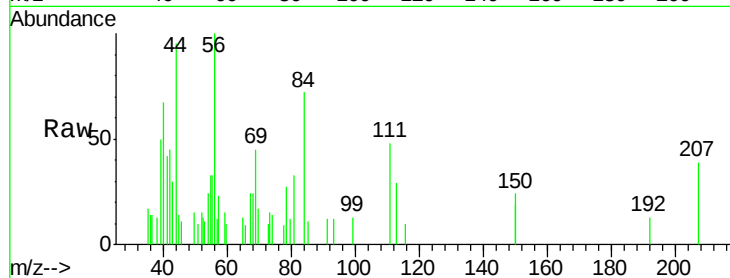
Tot Ion: 56 Resp: 1818

Ion Ratio Lower Upper

56 100

69 61.9 23.6 35.4#

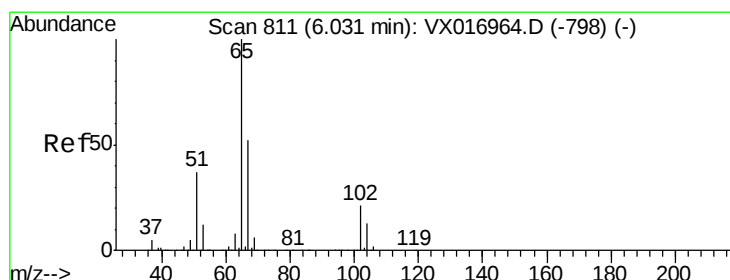
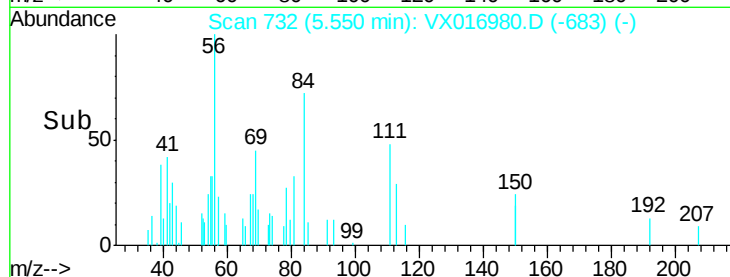
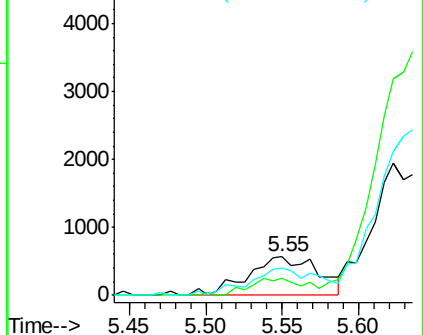
84 71.9 67.8 101.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.433 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016980.D

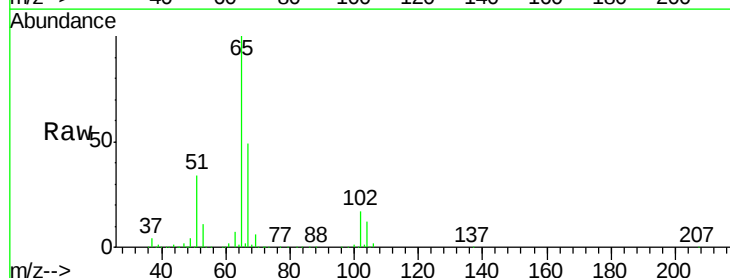
Acq: 26 Jun 2020 13:58

Tgt Ion: 65 Resp: 179431

Ion Ratio Lower Upper

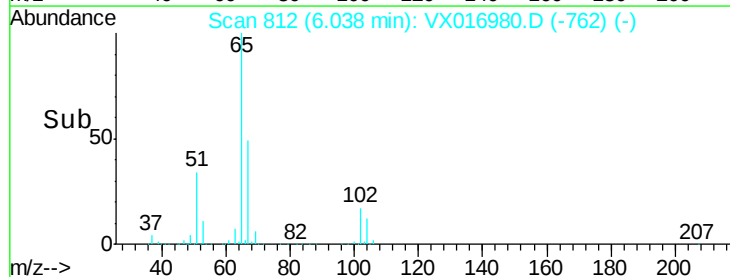
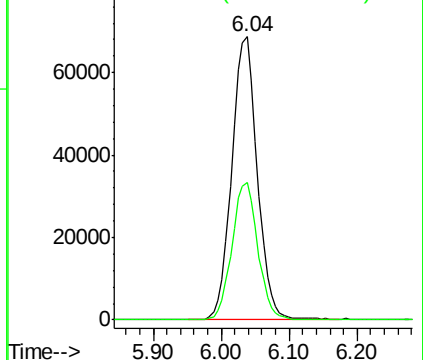
65 100

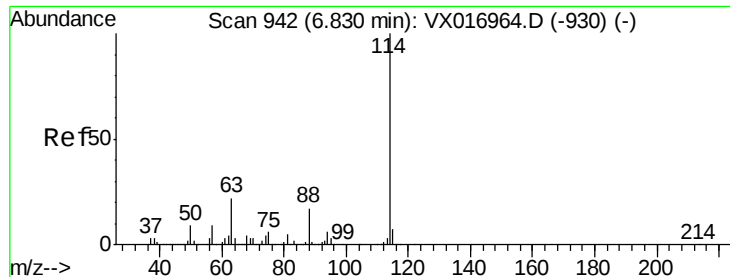
67 49.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

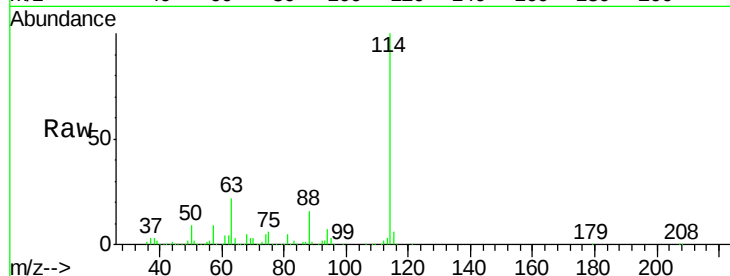
Tot Ion:114 Resp: 396025

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.4

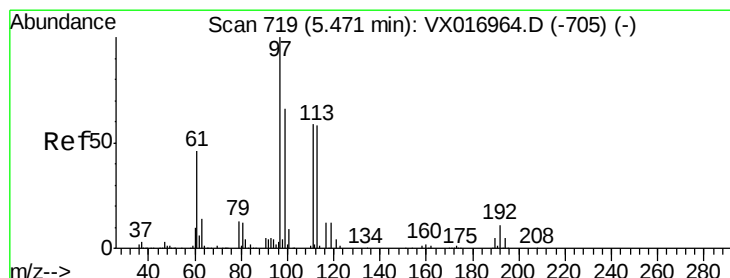
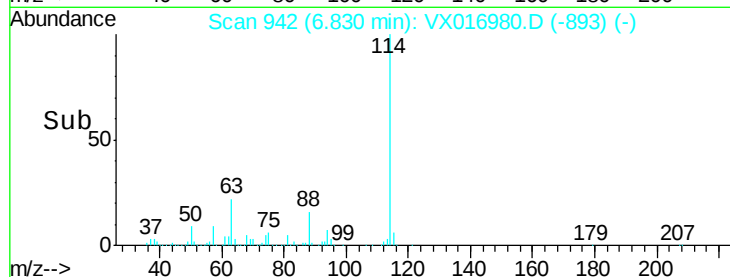
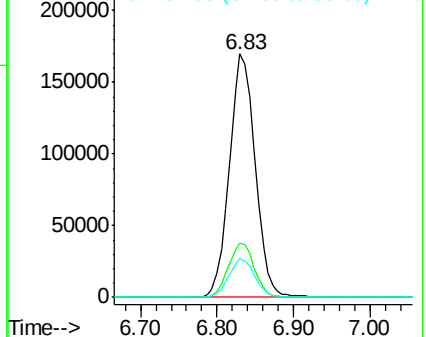
88 16.2 0.0 33.2



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: 50.717 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

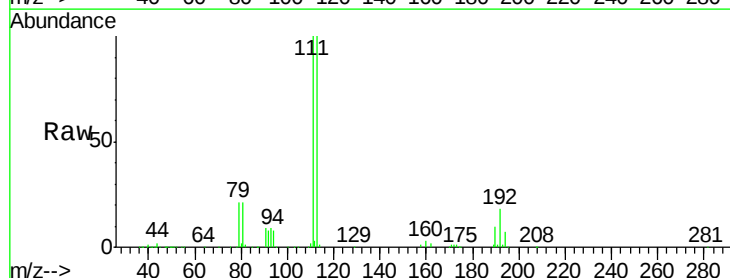
Tgt Ion:113 Resp: 132659

Ion Ratio Lower Upper

113 100

111 102.0 84.3 126.5

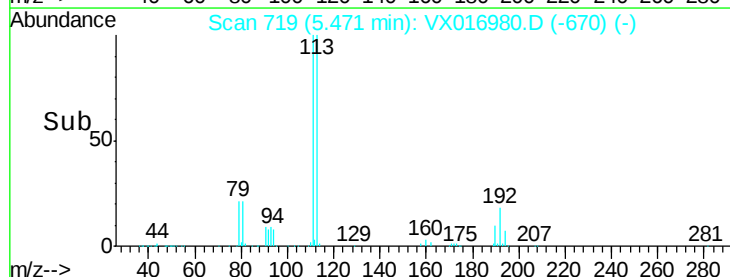
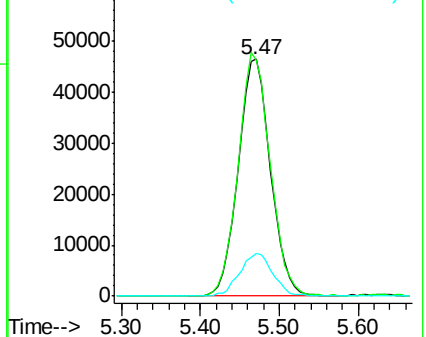
192 18.6 15.2 22.8

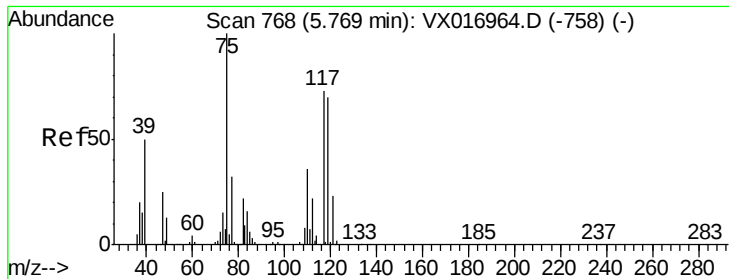


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

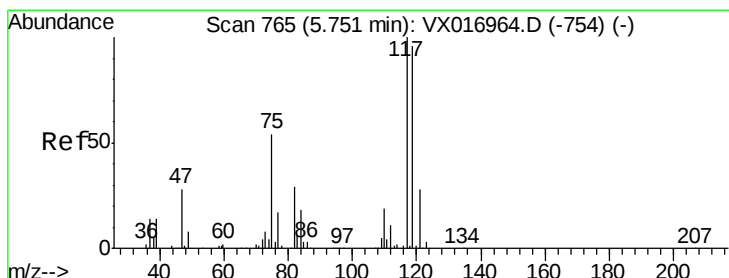
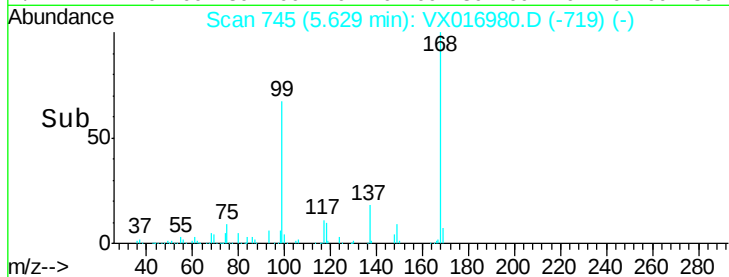
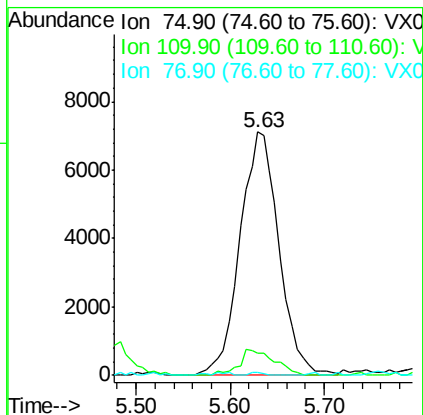
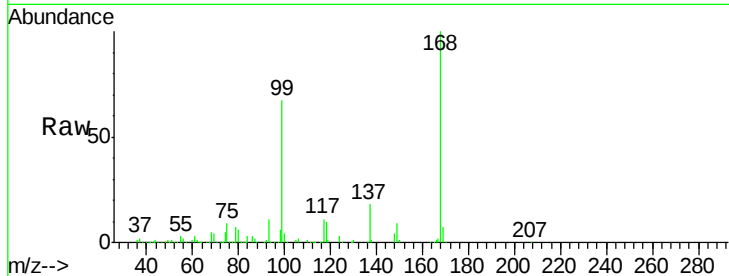




#36
 1,1-Dichloropropene
 Concen: 5.235 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

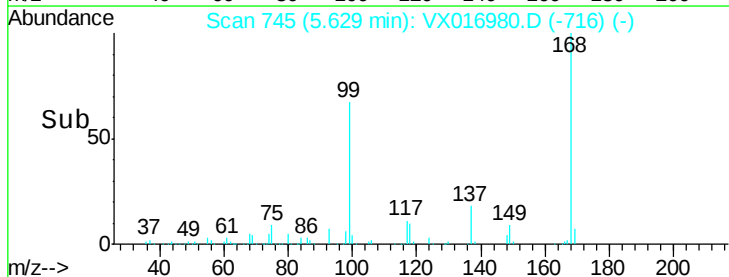
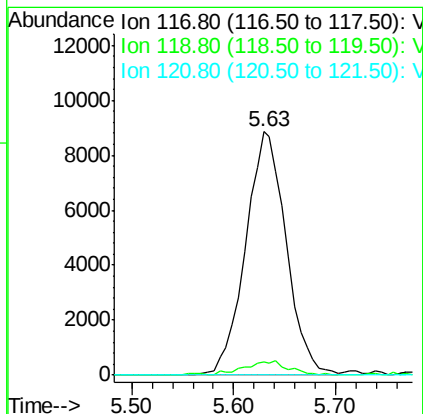
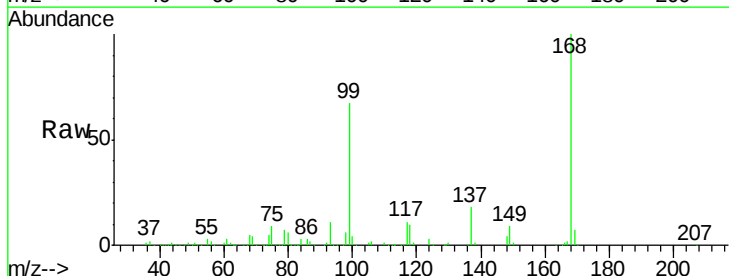
Instrument :
 MSVOA_X
 ClientSampleId :

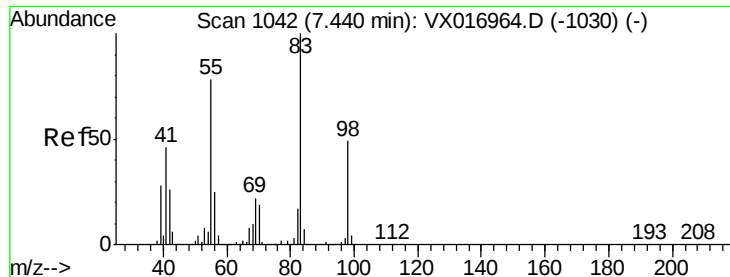
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.2	51.6#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.896 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.6	114.8#
121	0.0	22.5	33.7#





#39

Methylcyclohexane

Concen: 0.628 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

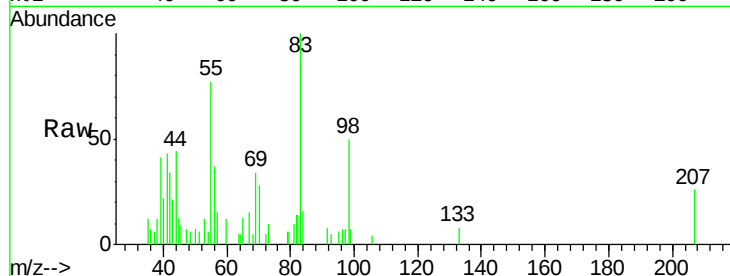
Tot Ion: 83 Resp: 2664

Ion Ratio Lower Upper

83 100

55 76.7 62.4 93.6

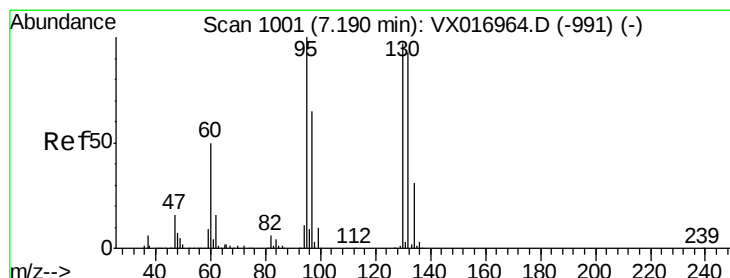
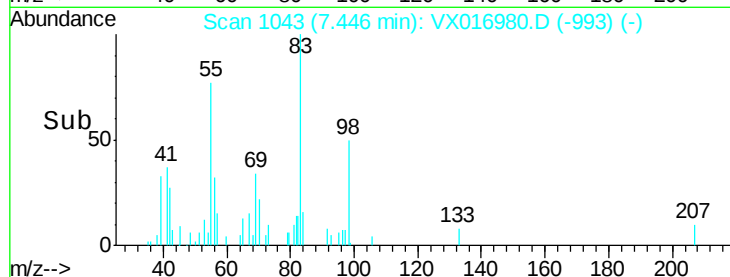
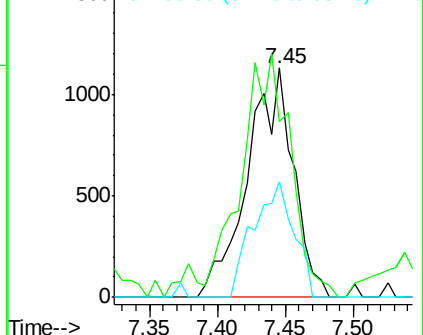
98 50.4 39.4 59.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#44

Trichloroethene

Concen: 0.269 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016980.D

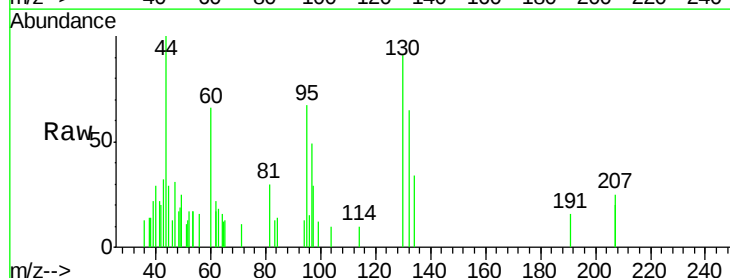
Acq: 26 Jun 2020 13:58

Tgt Ion: 130 Resp: 808

Ion Ratio Lower Upper

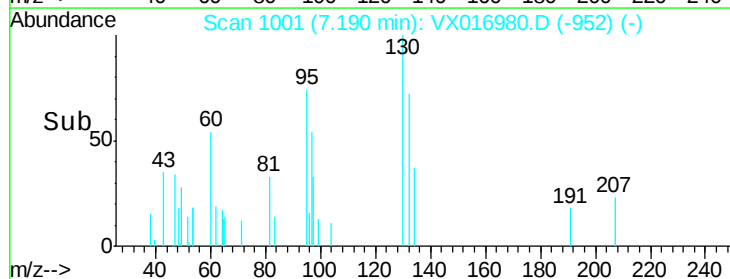
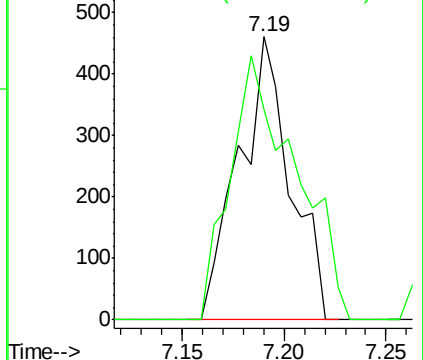
130 100

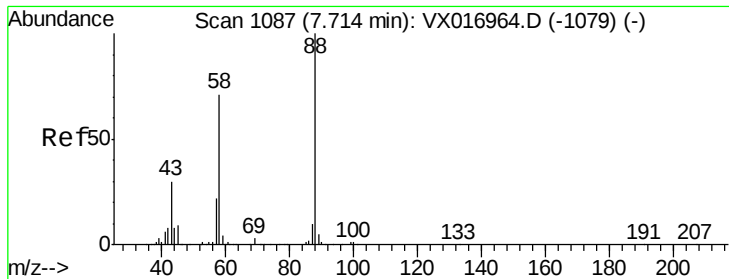
95 74.4 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

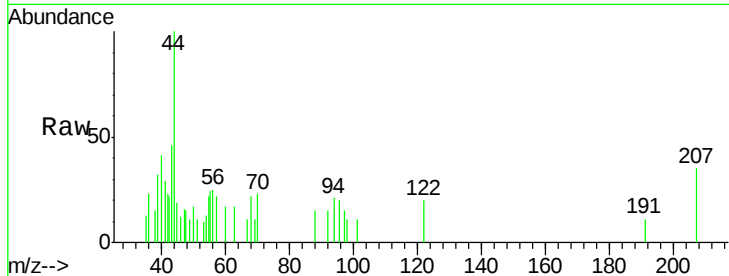




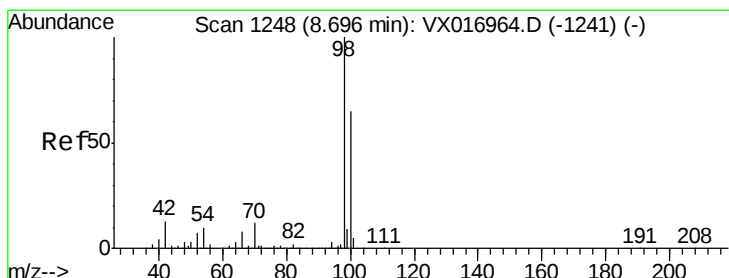
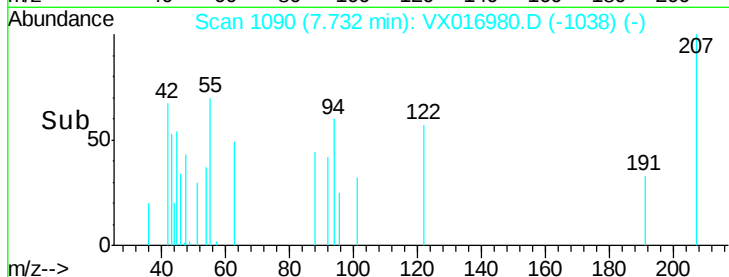
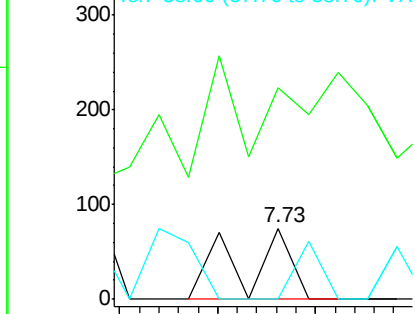
#49
1,4-Dioxane
Concen: 0.770 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 118.9 28.1 42.1#
58 41.5 56.1 84.1#

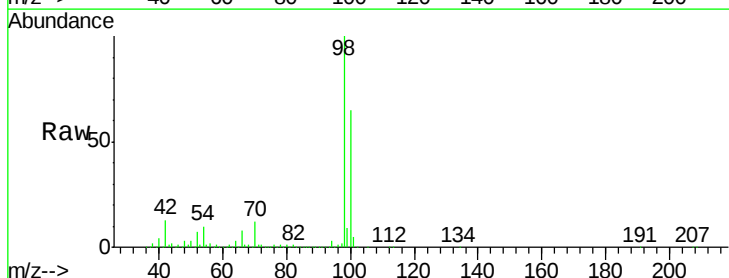


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

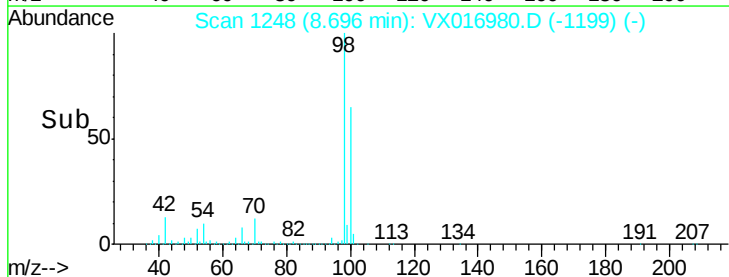
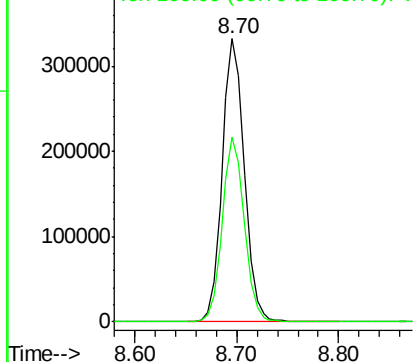


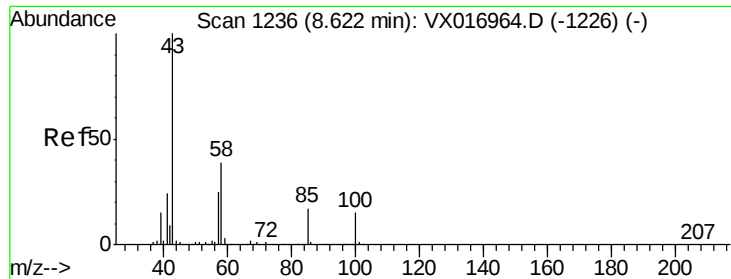
#50
Toluene-d8
Concen: 52.253 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 98 Resp: 500996
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.247 ug/l

RT: 8.64 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

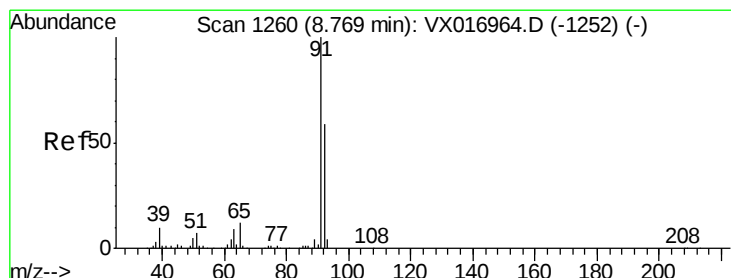
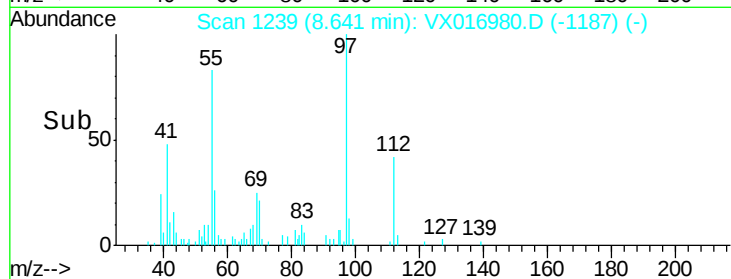
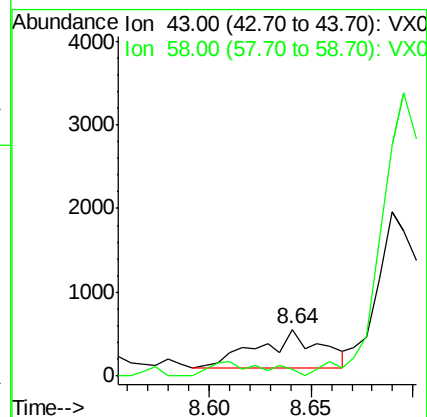
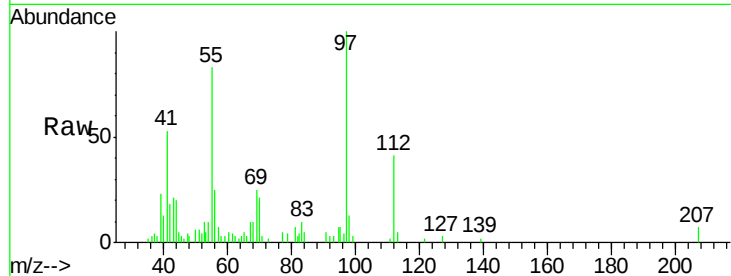
ClientSampleId :

Tot Ion: 43 Resp: 1002

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#52

Toluene

Concen: 0.254 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016980.D

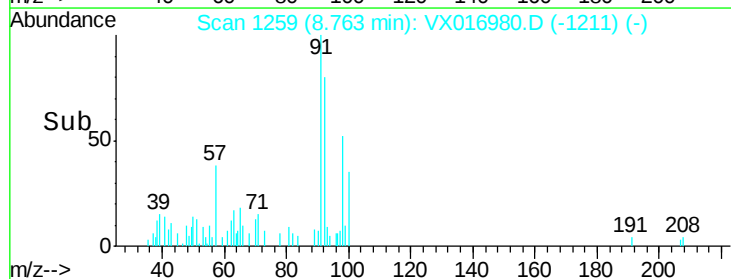
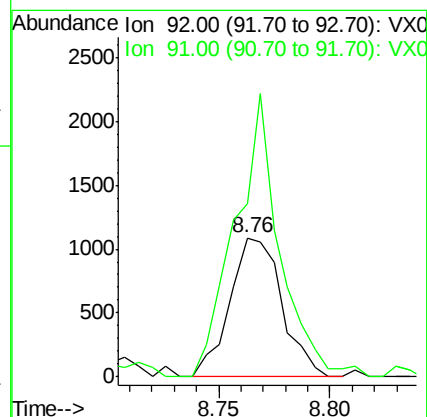
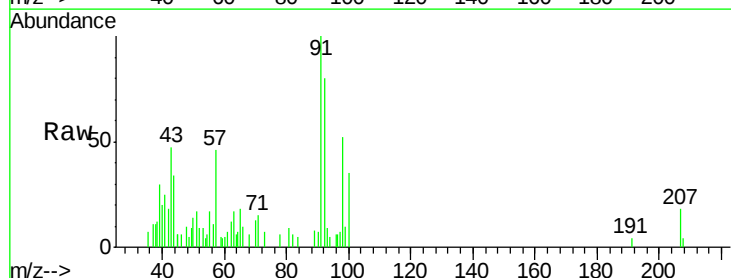
Acq: 26 Jun 2020 13:58

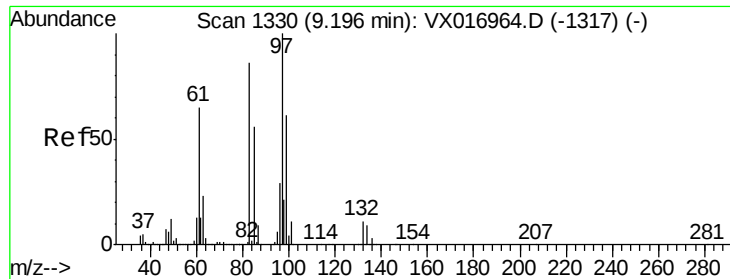
Tgt Ion: 92 Resp: 1770

Ion Ratio Lower Upper

92 100

91 174.9 136.7 205.1





#55

1,1,2-Trichloroethane

Concen: 2.258 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 6457

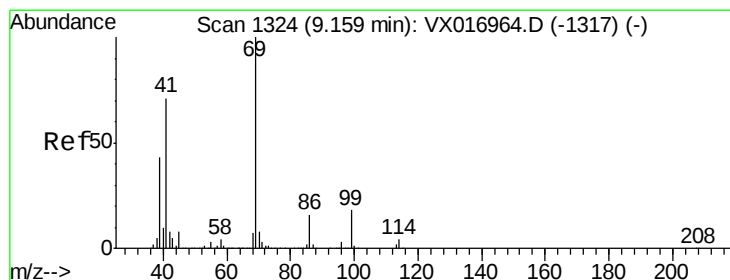
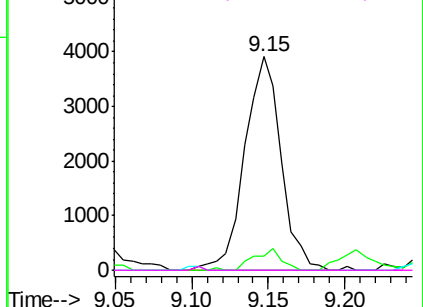
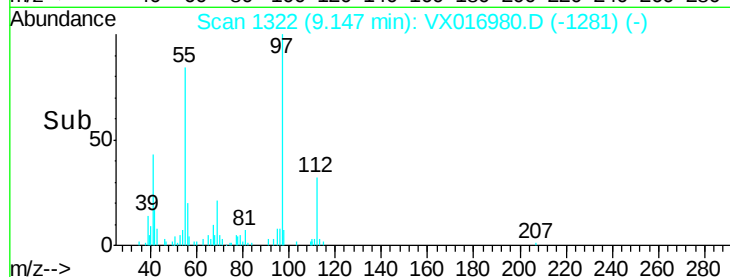
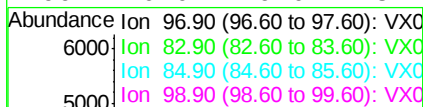
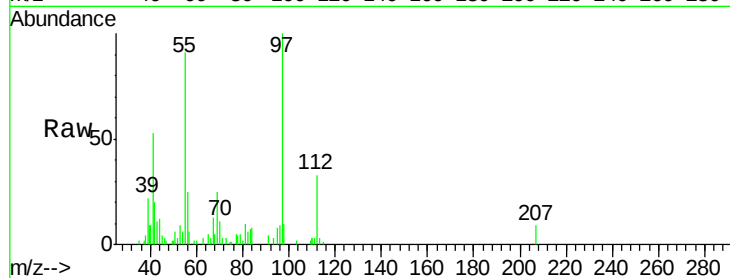
Ion Ratio Lower Upper

97 100

83 6.8 68.6 103.0#

85 0.0 44.5 66.7#

99 0.0 49.0 73.4#



#56

Ethyl methacrylate

Concen: 0.443 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

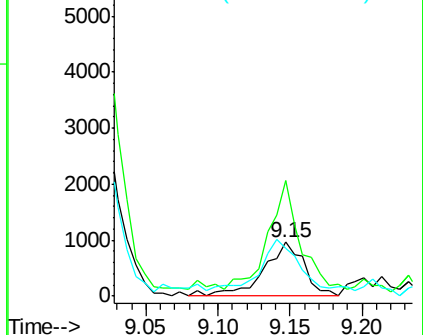
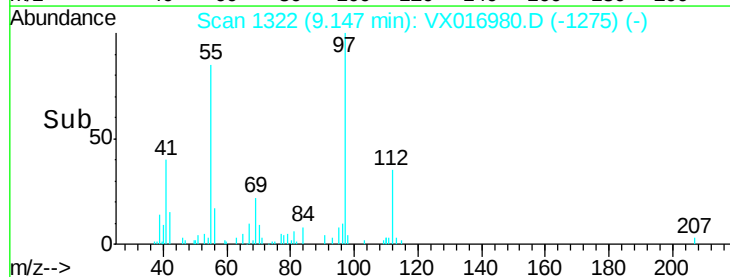
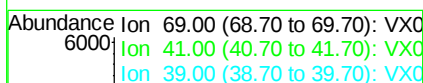
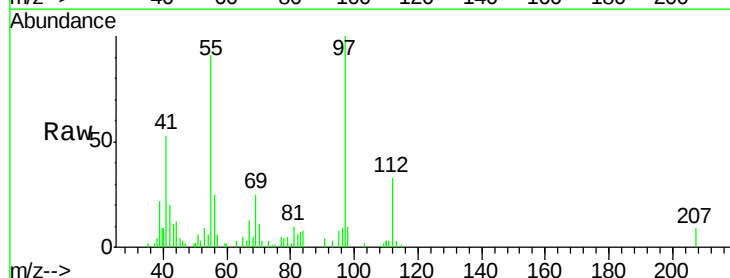
Tgt Ion: 69 Resp: 1899

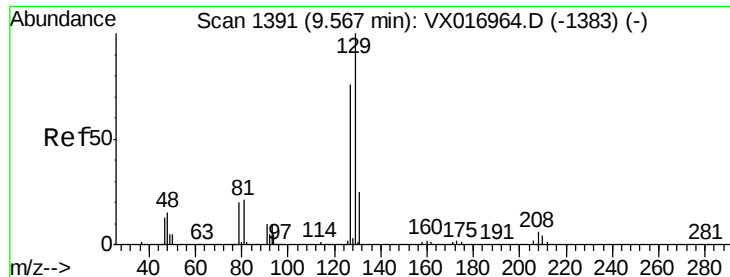
Ion Ratio Lower Upper

69 100

41 154.2 55.9 83.9#

39 90.0 34.6 51.8#





#60

Dibromochloromethane

Concen: 0.244 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

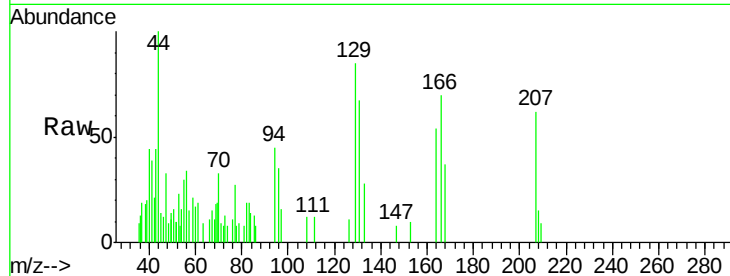
ClientSampleId :

Tot Ion:129 Resp: 797

Ion Ratio Lower Upper

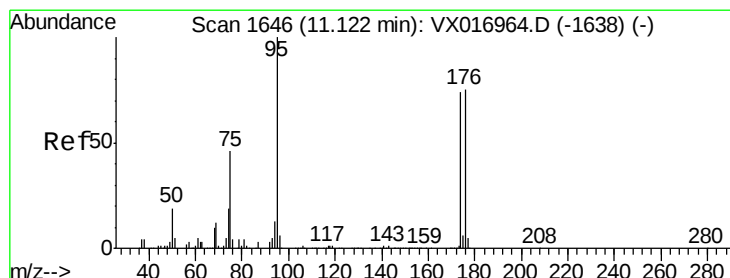
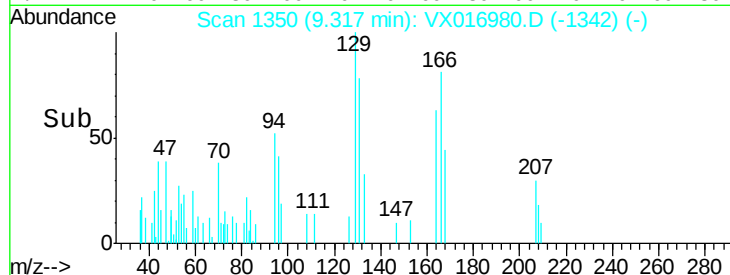
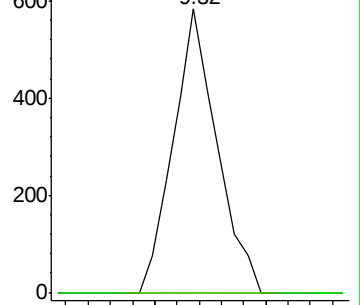
129 100

127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 61.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

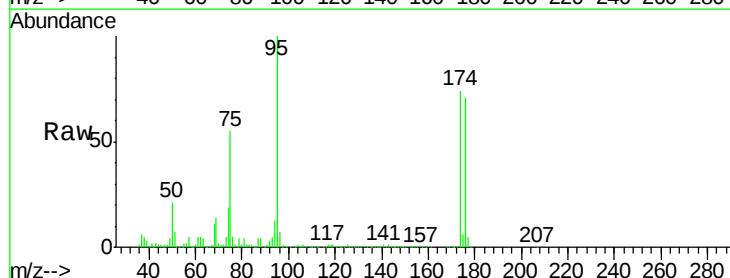
Tgt Ion: 95 Resp: 227946

Ion Ratio Lower Upper

95 100

174 72.3 0.0 149.6

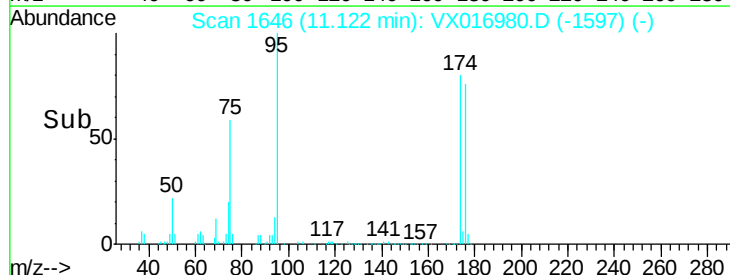
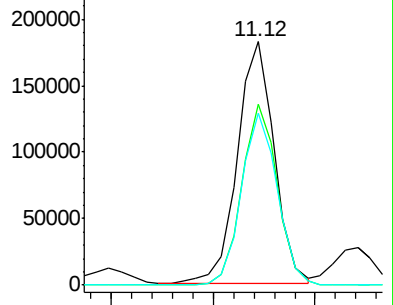
176 69.7 0.0 148.2

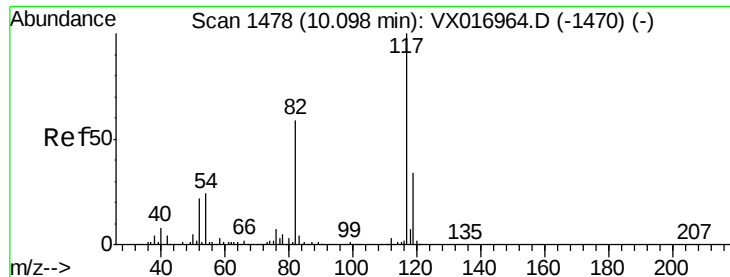


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

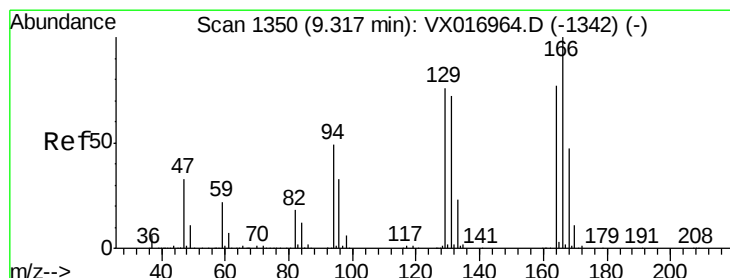
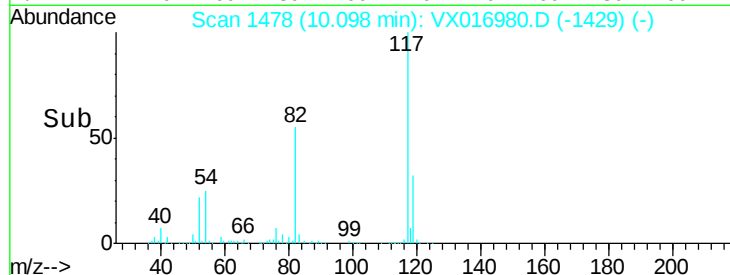
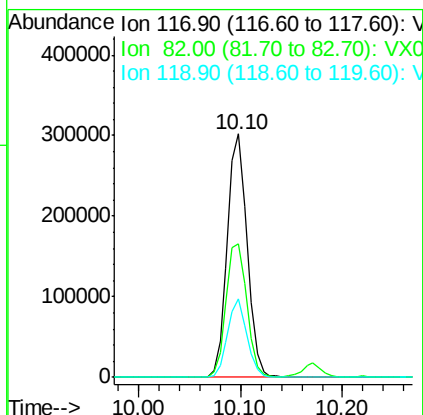
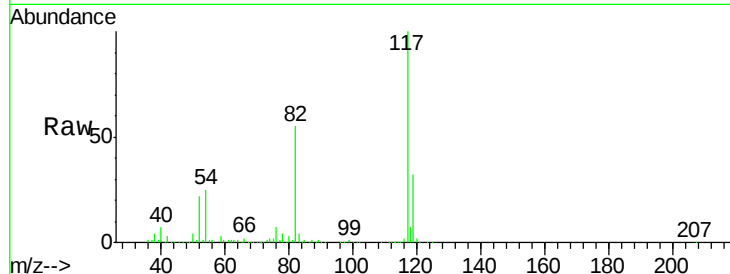




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

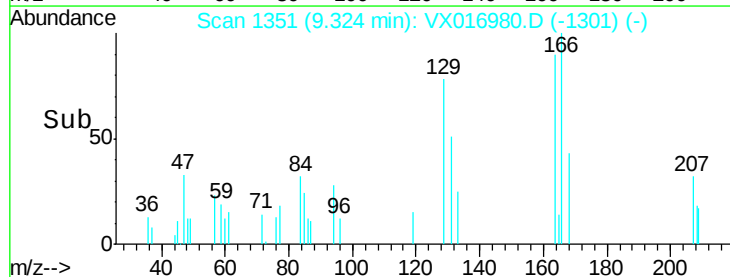
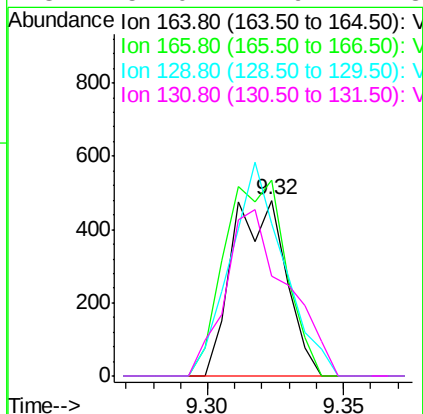
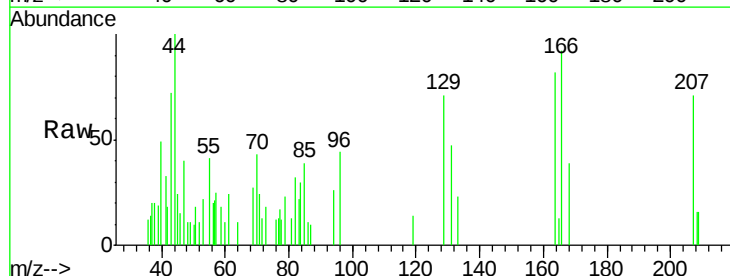
Instrument :
MSVOA_X
ClientSampleId :

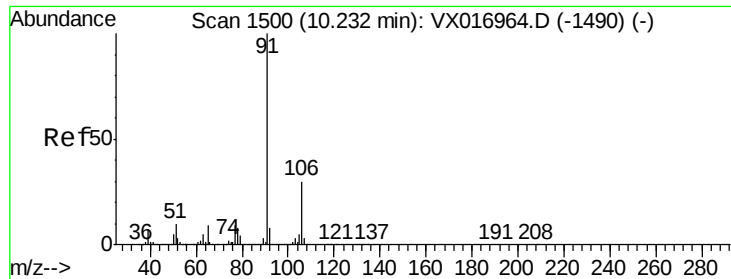
Tot Ion:117 Resp: 405373
Ion Ratio Lower Upper
117 100
82 54.6 46.8 70.2
119 32.0 27.3 40.9



#64
Tetrachloroethene
Concen: 0.241 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion:164 Resp: 660
Ion Ratio Lower Upper
164 100
166 111.5 104.2 156.4
129 86.6 79.3 118.9
131 57.0 74.9 112.3#

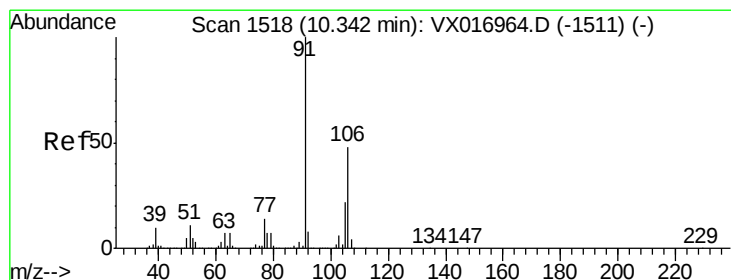
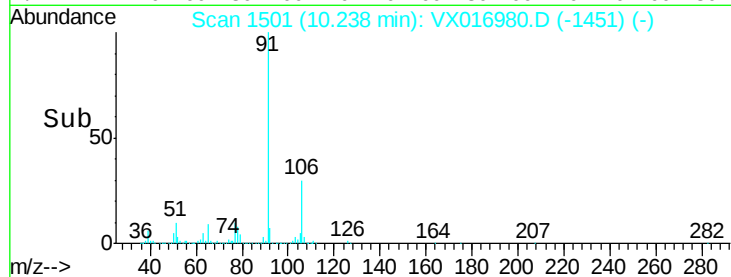
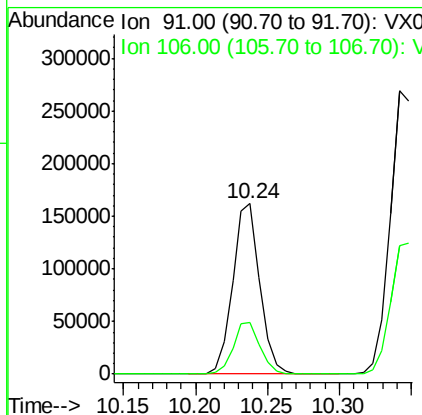
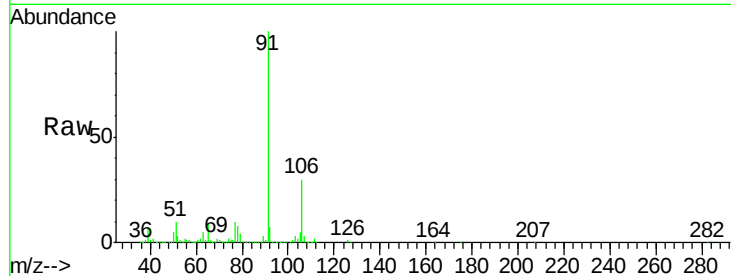




#67
Ethyl Benzene
Concen: 14.622 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

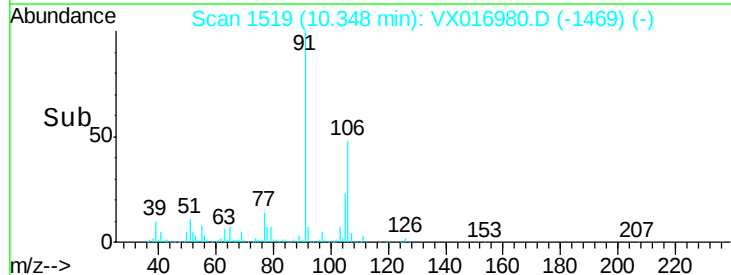
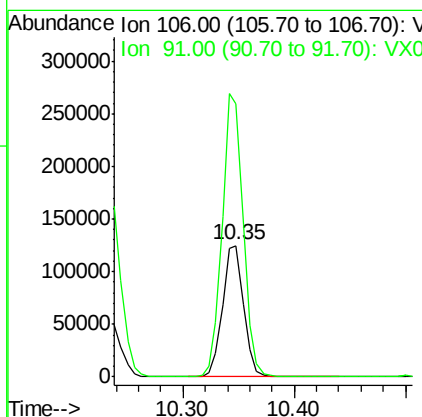
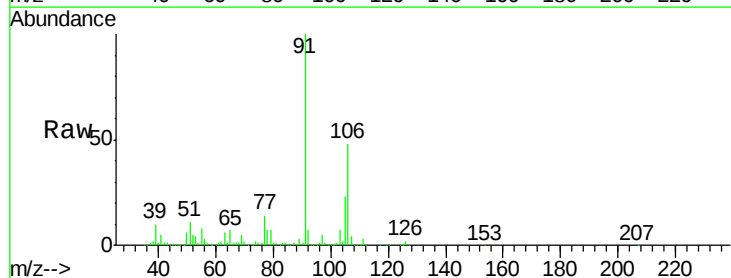
Instrument :
MSVOA_X
ClientSampled :

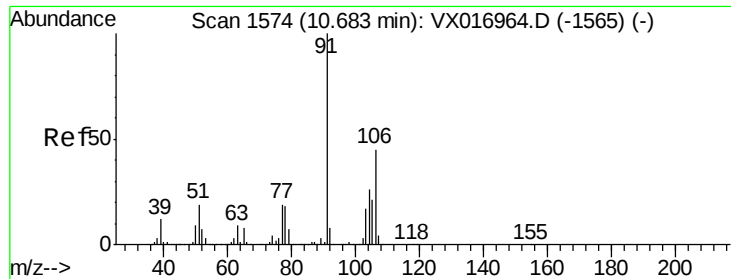
Tot Ion: 91 Resp: 212777
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 30.324 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 106 Resp: 163941
Ion Ratio Lower Upper
106 100
91 213.7 164.1 246.1

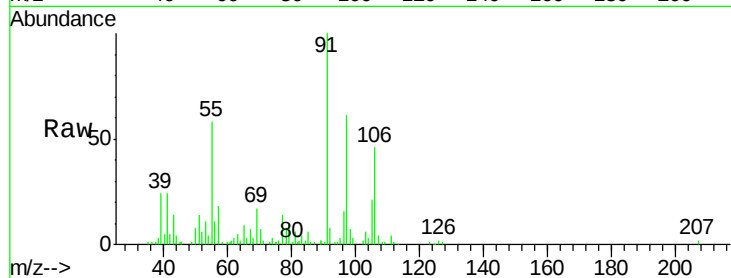




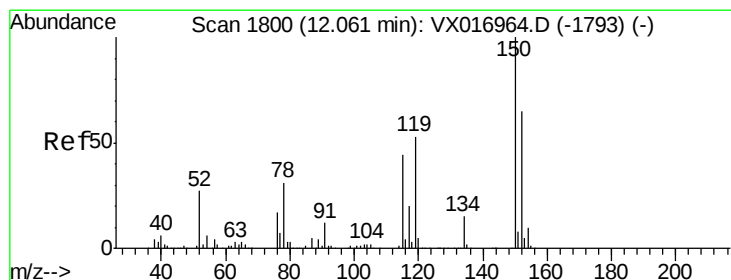
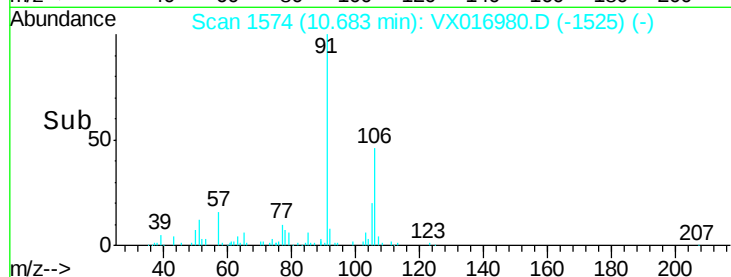
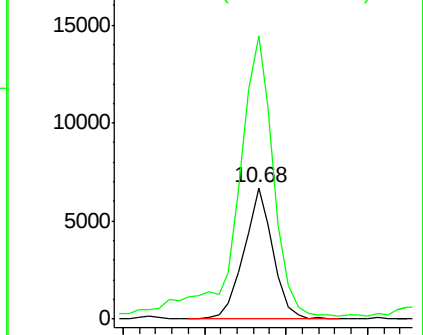
#69
o-Xylene
Concen: 1.596 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 8233
Ion Ratio Lower Upper
106 100
91 272.0 109.1 327.2

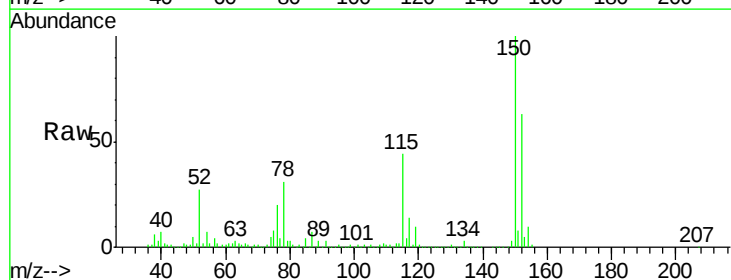


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

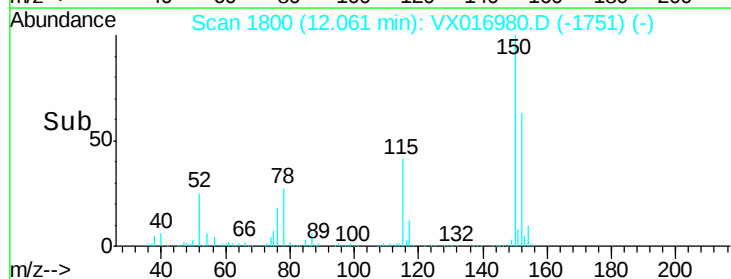
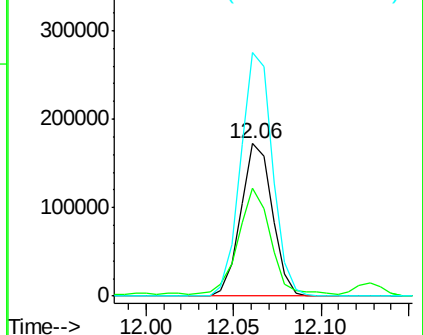


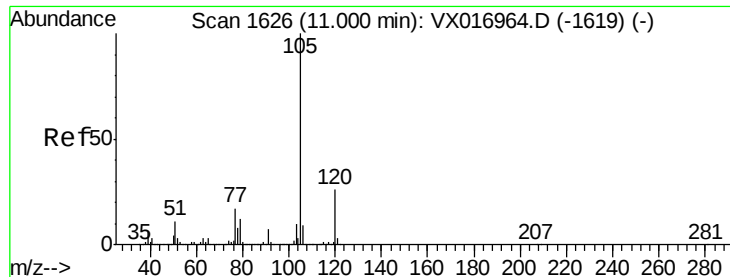
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion:152 Resp: 215400
Ion Ratio Lower Upper
152 100
115 70.6 42.8 128.4
150 161.3 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 214.734 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

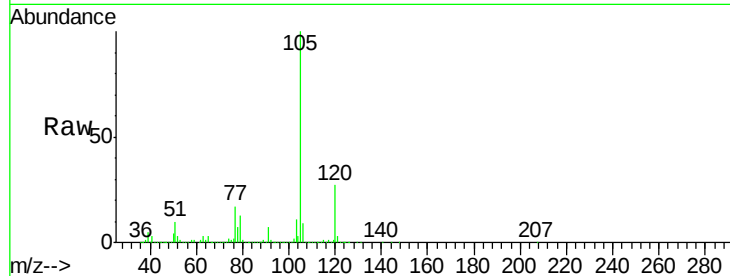
ClientSampled :

Tot Ion:105 Resp: 3184687

Ion Ratio Lower Upper

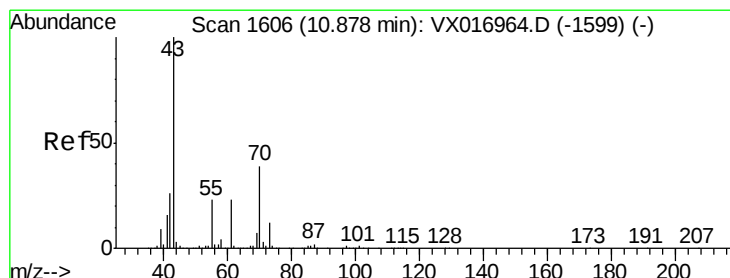
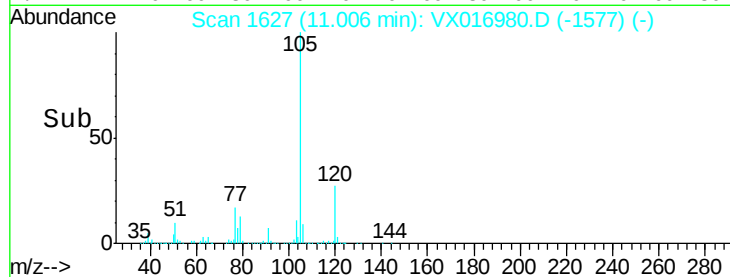
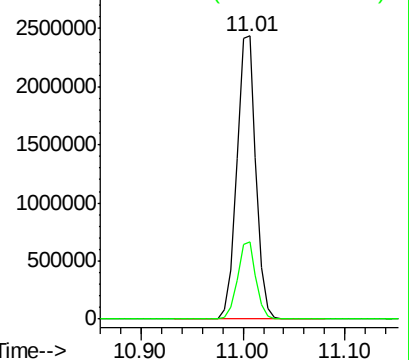
105 100

120 26.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.552 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Tgt Ion: 43 Resp: 17850

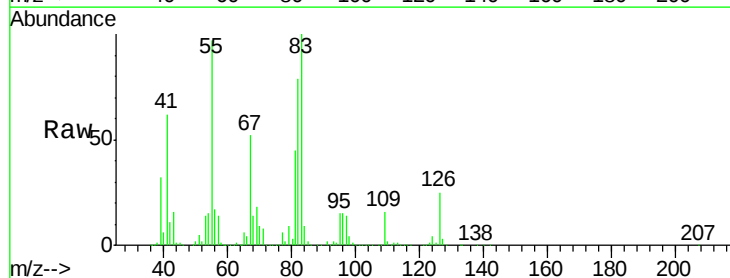
Ion Ratio Lower Upper

43 100

70 102.5 32.1 48.1#

55 614.6 18.6 28.0#

61 0.0 18.8 28.2#

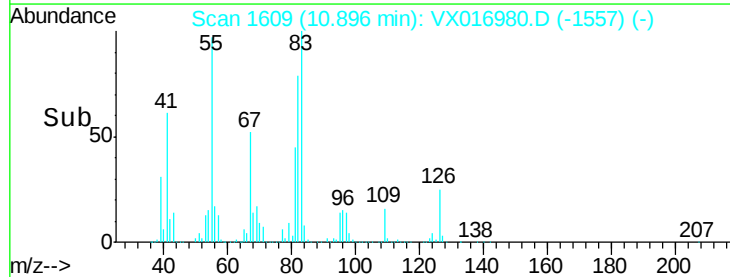
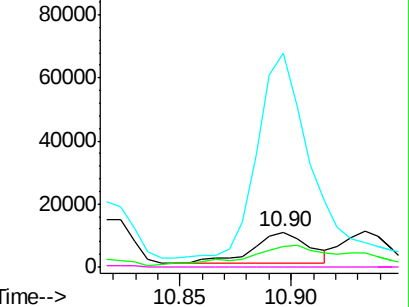


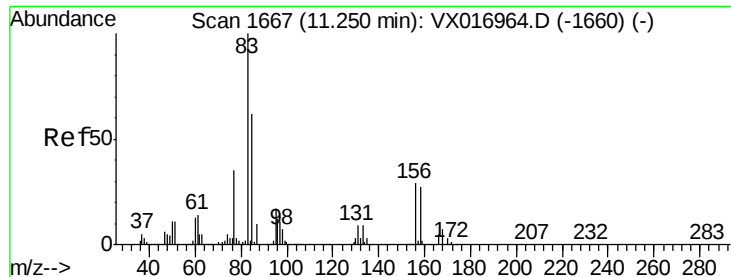
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 3.975 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

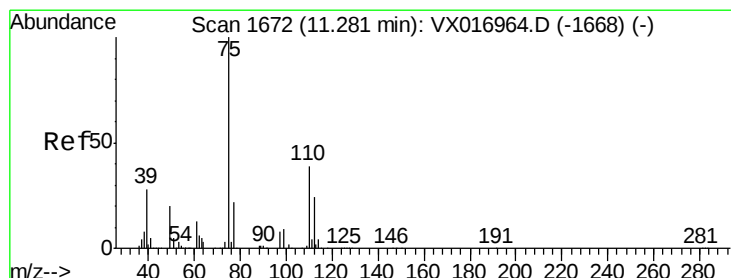
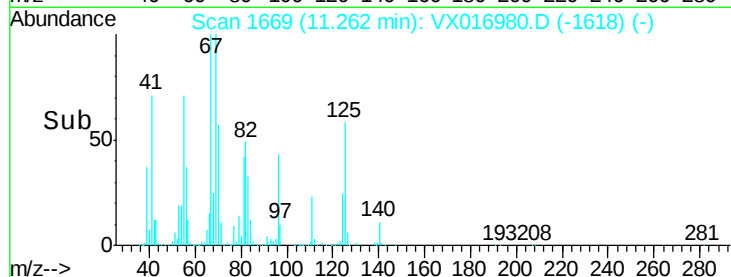
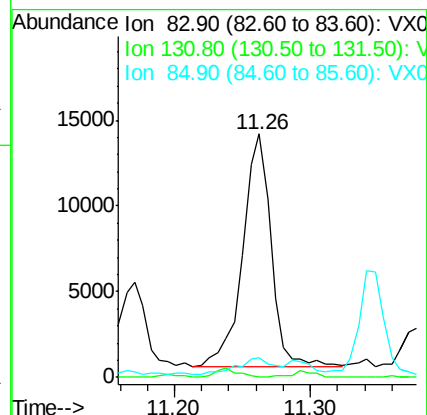
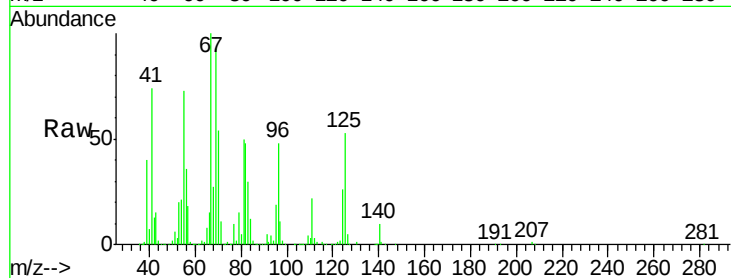
Tot Ion: 83 Resp: 19838

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 9.4 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 9.723 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.07 min

Lab File: VX016980.D

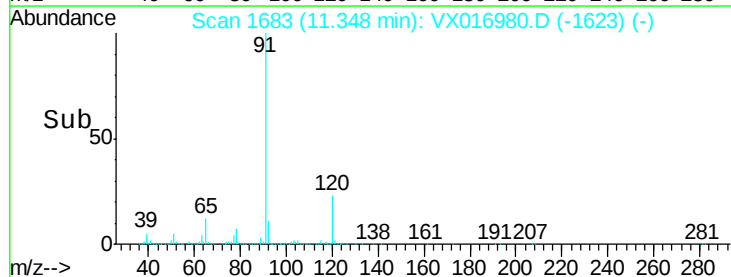
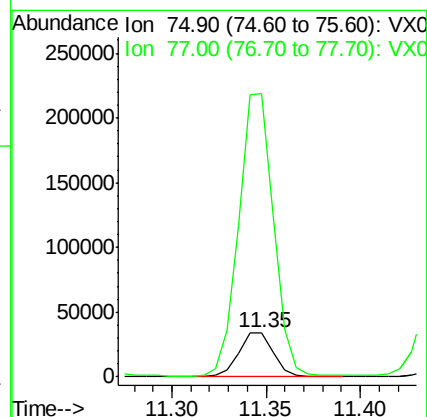
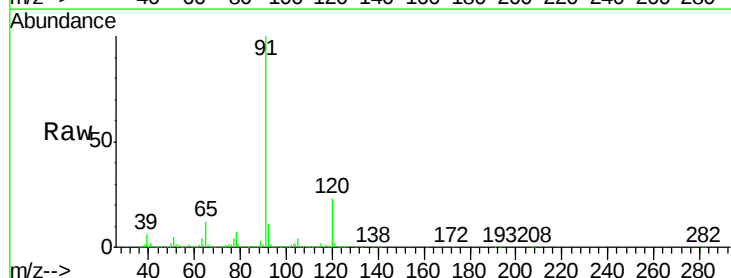
Acq: 26 Jun 2020 13:58

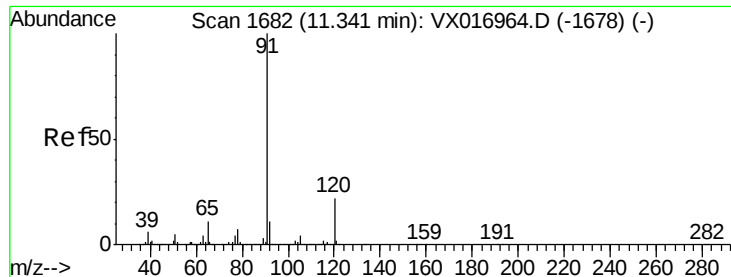
Tgt Ion: 75 Resp: 43951

Ion Ratio Lower Upper

75 100

77 635.3 20.3 61.0#





#78

n-propylbenzene

Concen: 363.685 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

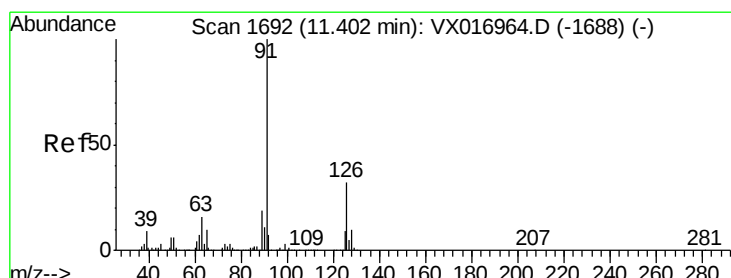
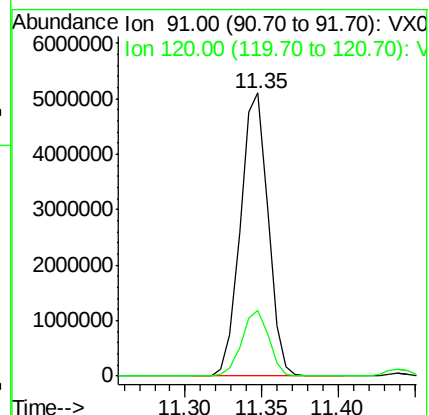
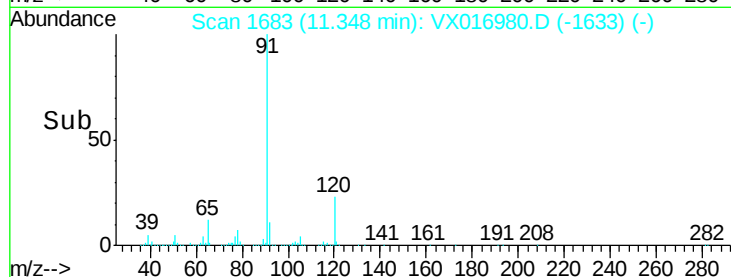
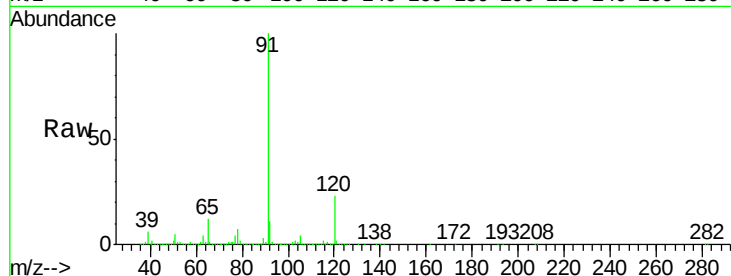
ClientSampleId :

Tot Ion: 91 Resp: 6366223

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8



#79

2-Chlorotoluene

Concen: 604.794 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.05 min

Lab File: VX016980.D

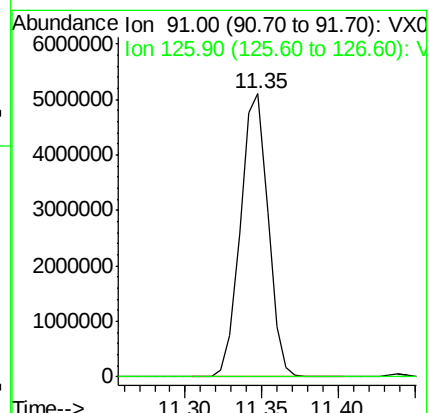
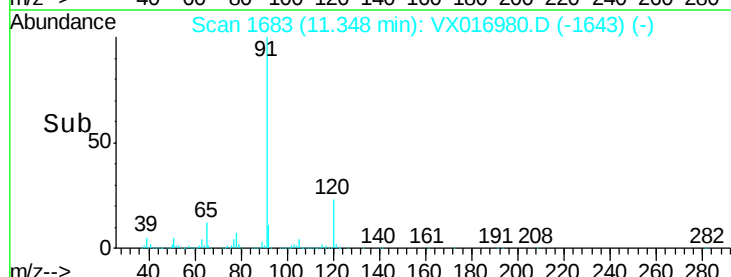
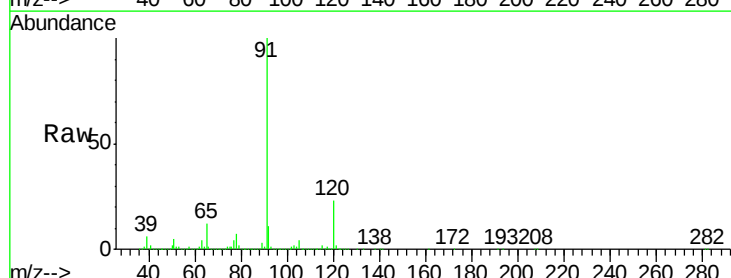
Acq: 26 Jun 2020 13:58

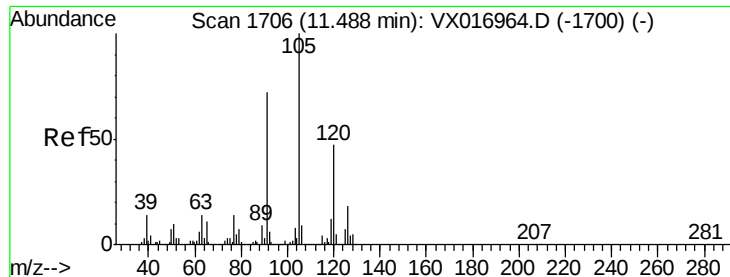
Tgt Ion: 91 Resp: 6366223

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#

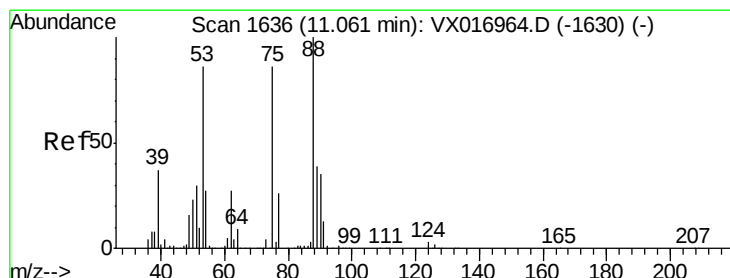
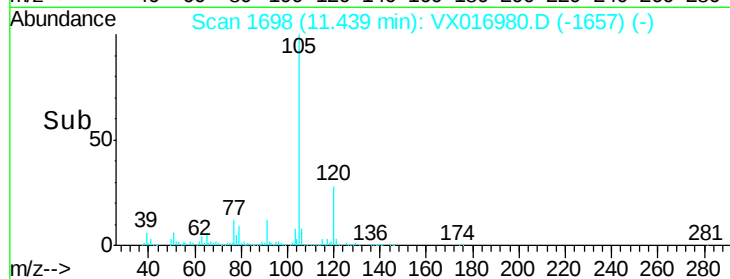
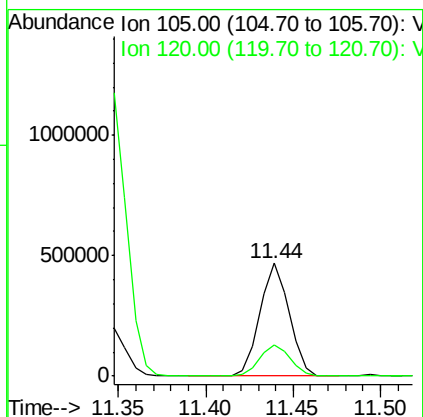
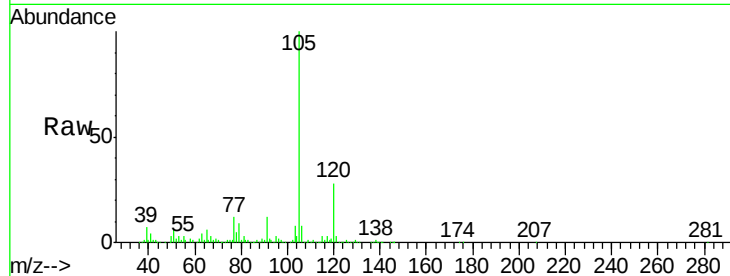




#80
 1,3,5-Trimethylbenzene
 Concen: 44.394 ug/l
 RT: 11.44 min Scan# 1698
 Delta R.T. -0.05 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

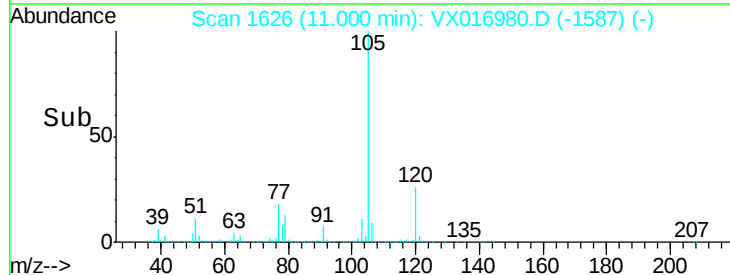
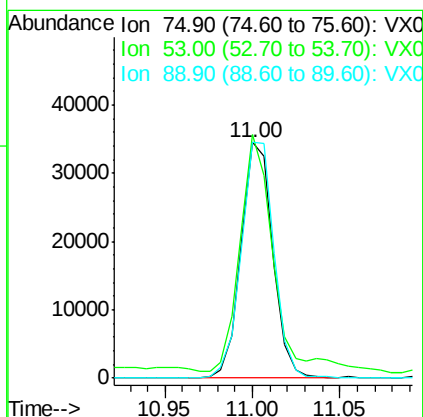
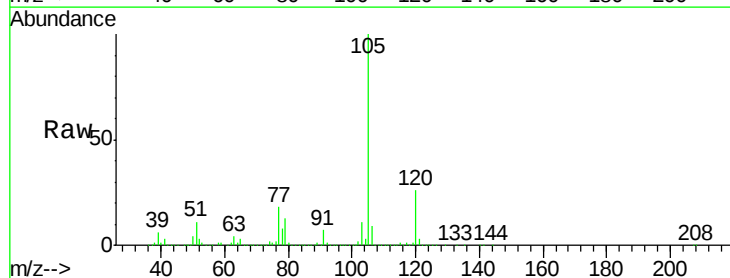
Instrument :
 MSVOA_X
 ClientSampleId :

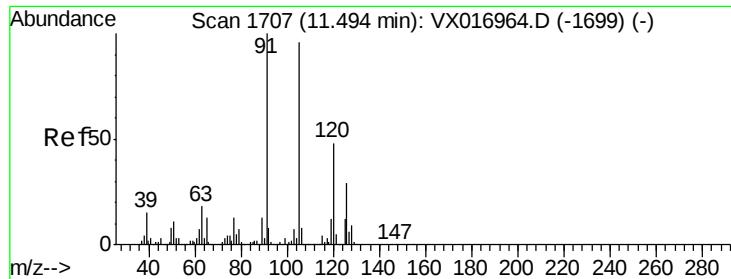
Tot Ion:105 Resp: 547239
 Ion Ratio Lower Upper
 105 100
 120 28.3 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 24.435 ug/l
 RT: 11.00 min Scan# 1626
 Delta R.T. -0.06 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

Tgt Ion: 75 Resp: 43507
 Ion Ratio Lower Upper
 75 100
 53 100.1 81.9 122.9
 89 103.6 35.5 53.3#

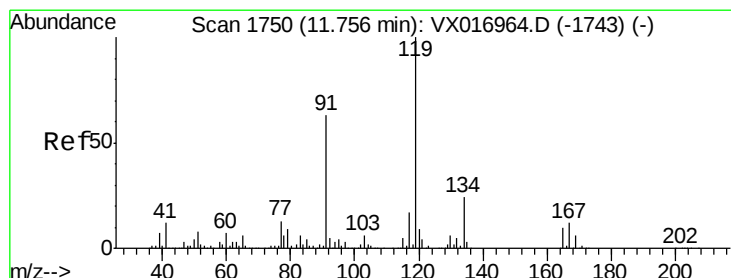
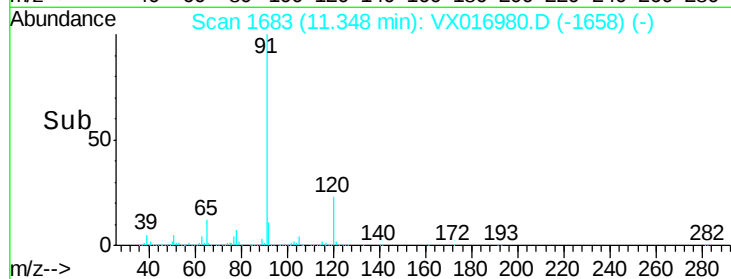
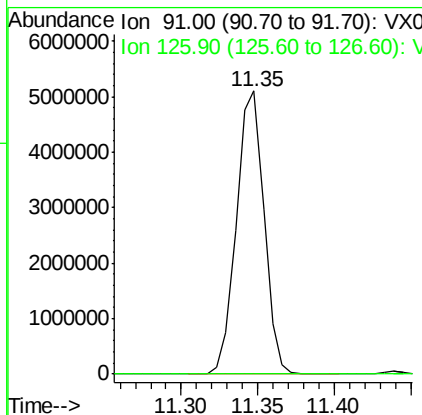
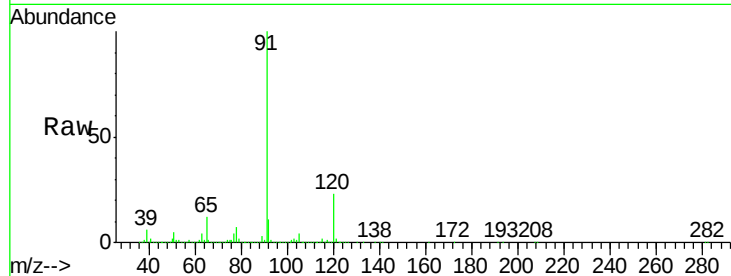




#82
4-Chlorotoluene
Concen: 513.866 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. -0.15 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

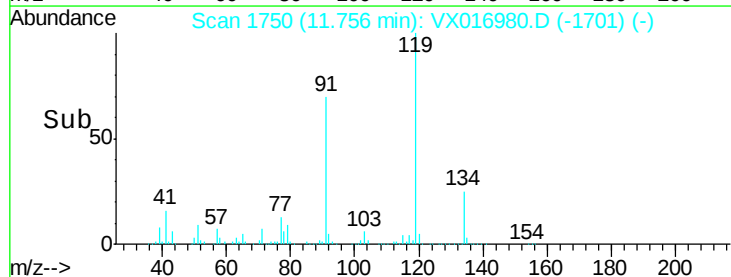
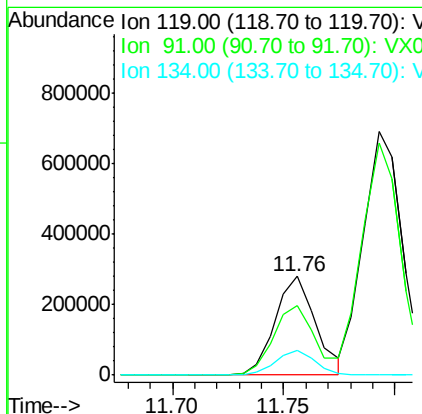
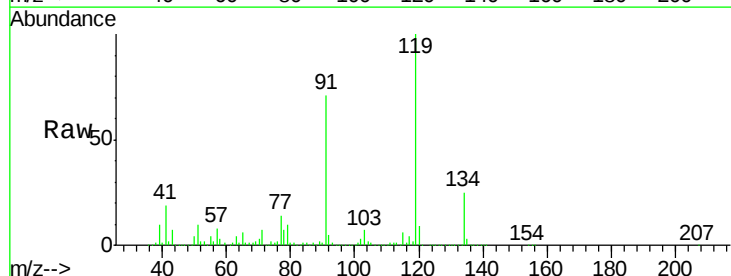
Instrument :
MSVOA_X
ClientSampleId :

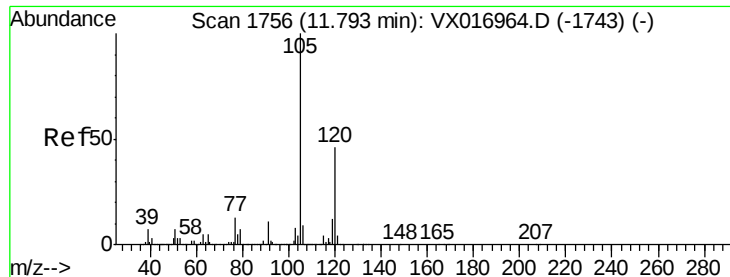
Tot Ion: 91 Resp: 6366223
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#



#83
tert-Butylbenzene
Concen: 29.535 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 119 Resp: 354586
Ion Ratio Lower Upper
119 100
91 73.6 30.0 90.0
134 23.9 11.8 35.3



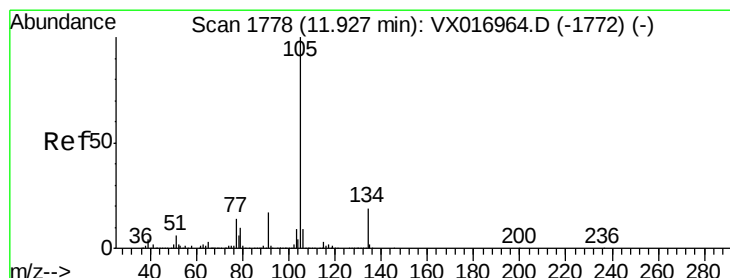
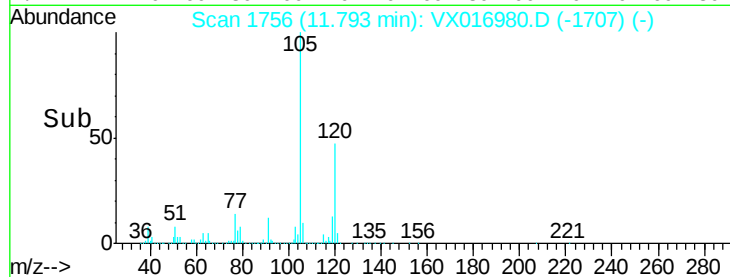
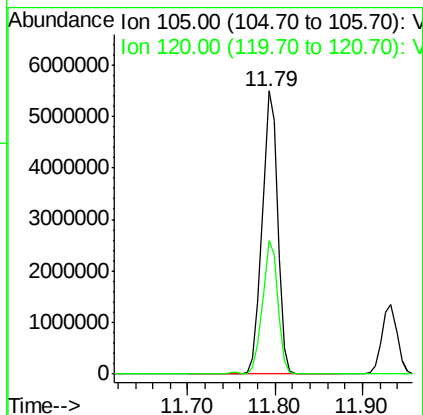
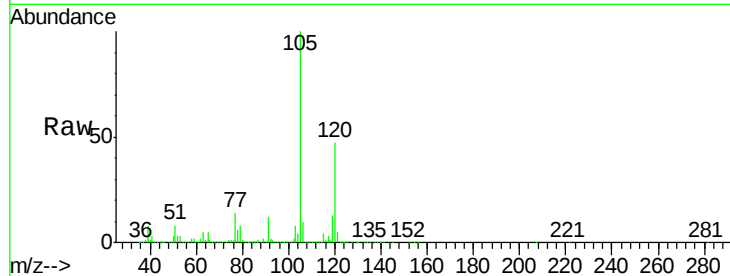


#84

1,2,4-Trimethylbenzene
Concen: 545.646 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :

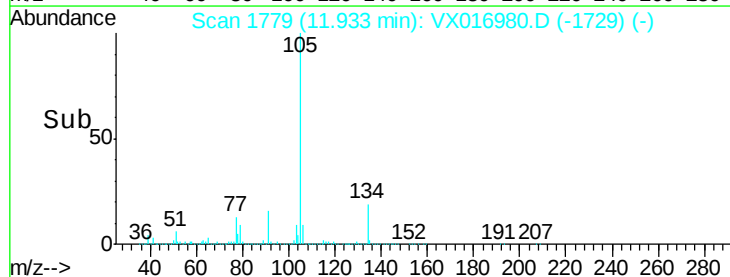
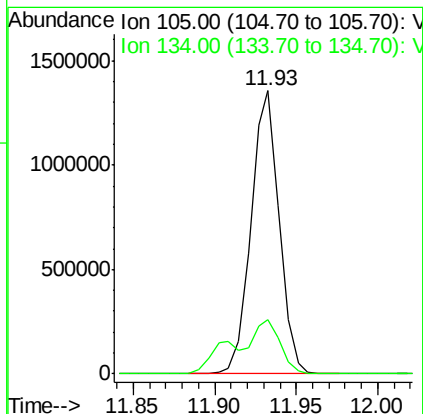
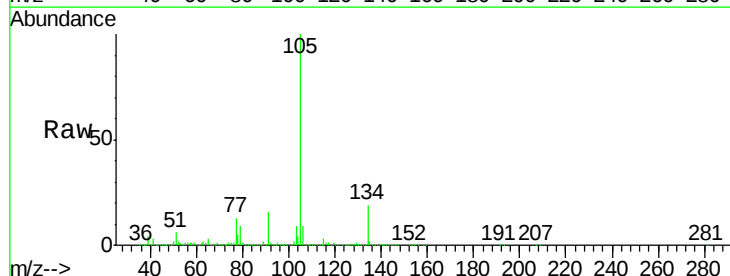
Tot Ion:105 Resp: 6803535
Ion Ratio Lower Upper
105 100
120 47.0 22.4 67.3

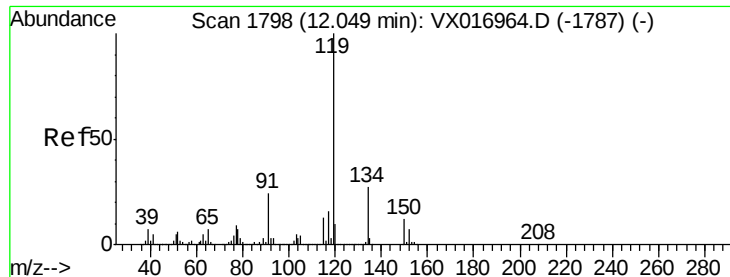


#85

sec-Butylbenzene
Concen: 115.957 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion:105 Resp: 1623146
Ion Ratio Lower Upper
105 100
134 19.4 10.1 30.1

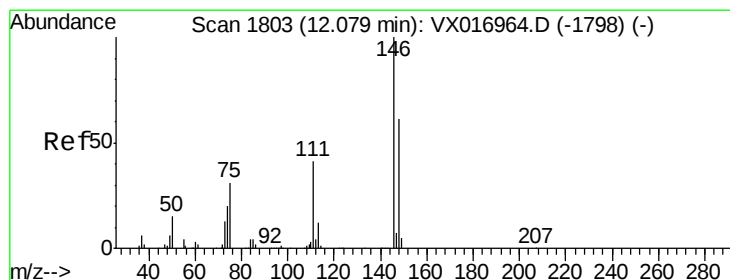
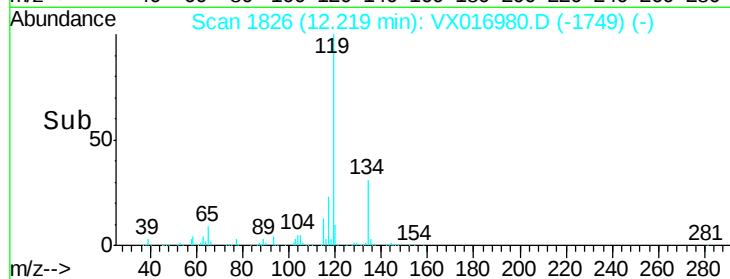
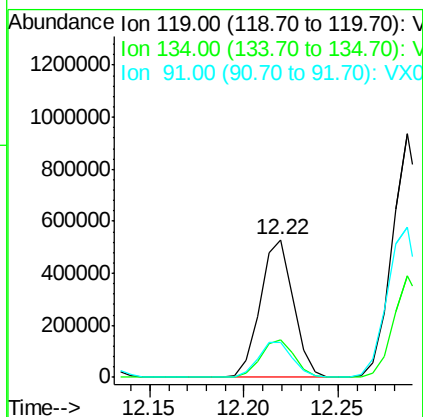
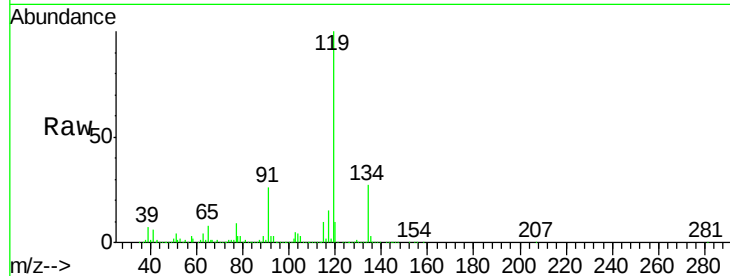




#86
p-Isopropyltoluene
Concen: 50.272 ug/l
RT: 12.22 min Scan# 1826
Delta R.T. 0.17 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

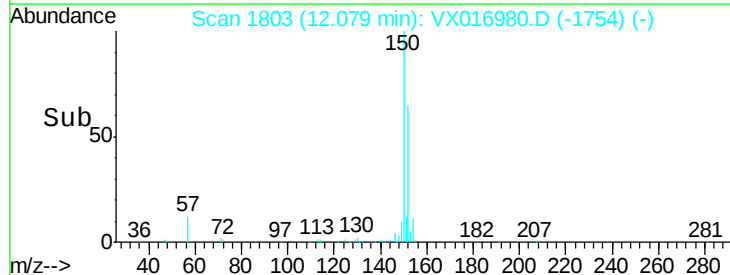
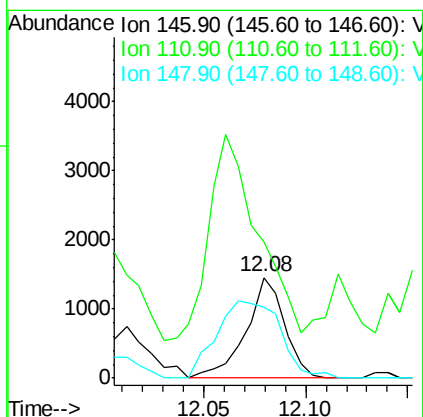
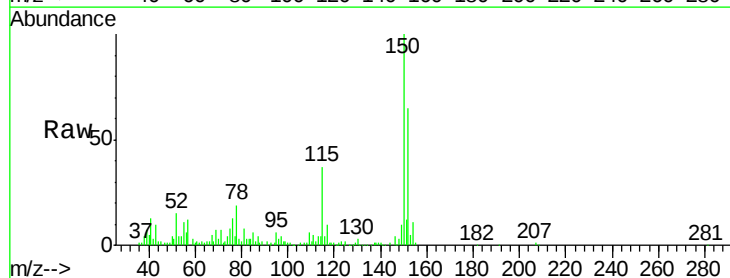
Instrument :
MSVOA_X
ClientSampleId :

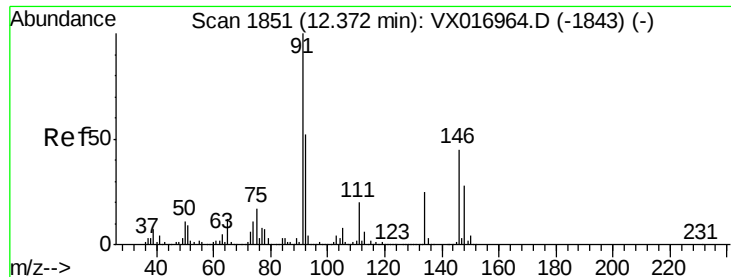
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.1	39.3
91	26.8	12.4	37.4



#88
1,4-Dichlorobenzene
Concen: 0.272 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	291.5	19.9	59.7#
148	126.4	31.3	93.9#

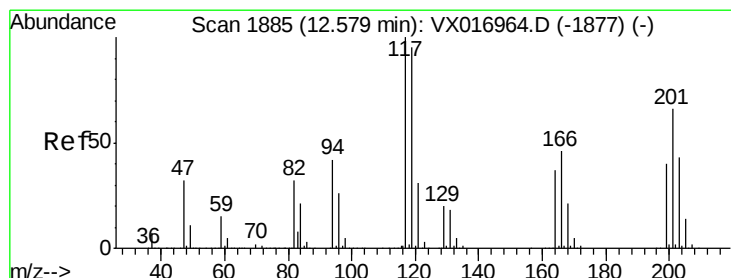
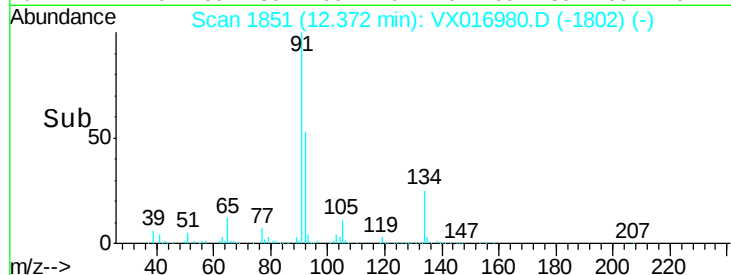
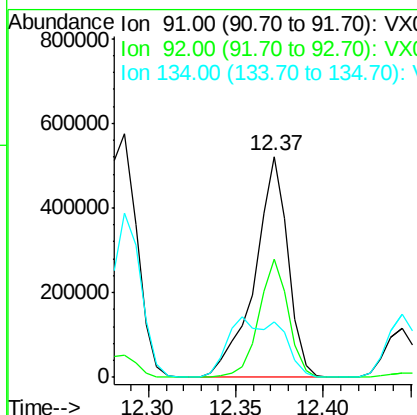
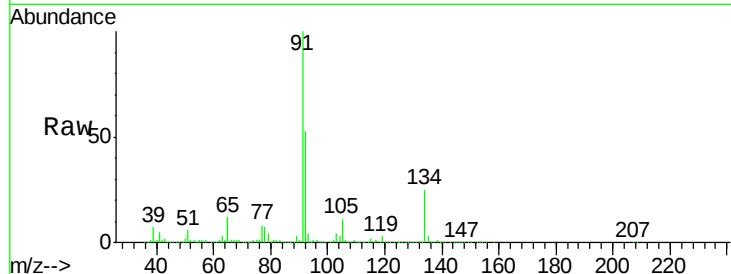




#89
n-Butylbenzene
Concen: 57.723 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

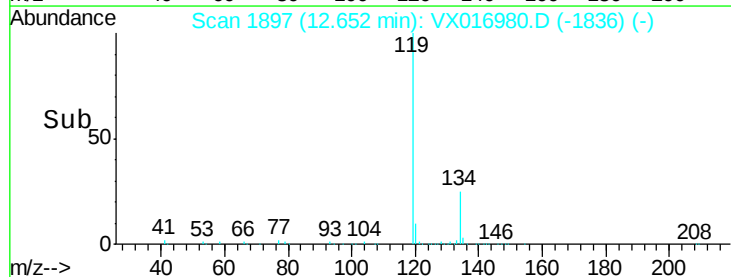
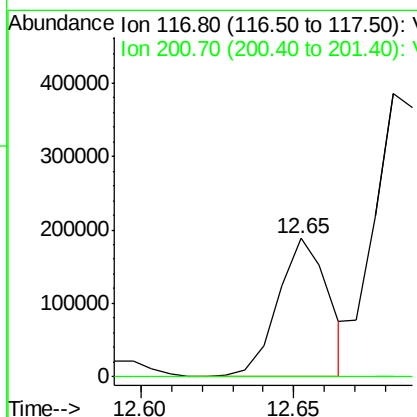
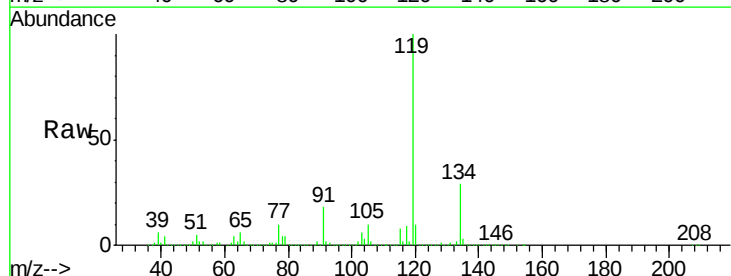
Instrument :
MSVOA_X
ClientSampled :

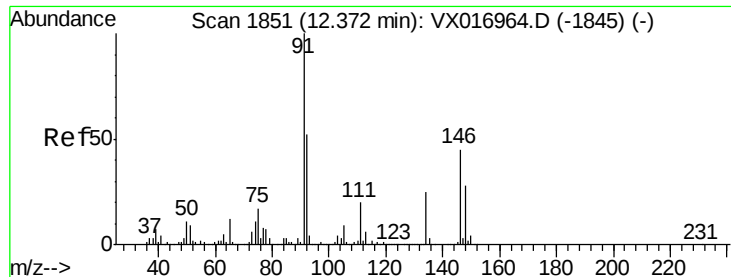
Tot Ion: 91 Resp: 694896
Ion Ratio Lower Upper
91 100
92 47.2 26.6 79.7
134 44.1 12.6 37.8#



#90
Hexachloroethane
Concen: 81.200 ug/l
RT: 12.65 min Scan# 1897
Delta R.T. 0.07 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 117 Resp: 215289
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#

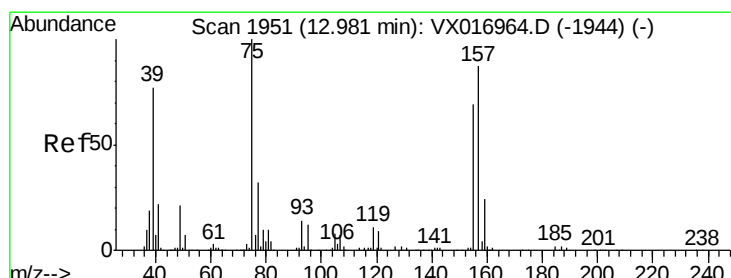
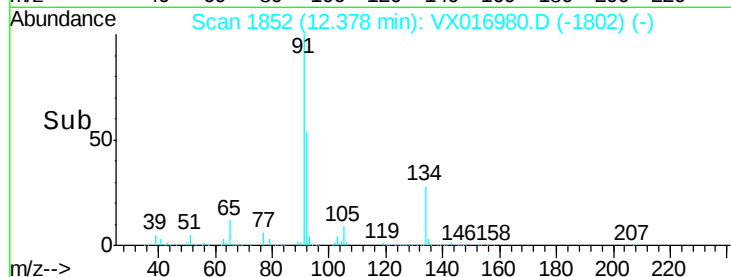
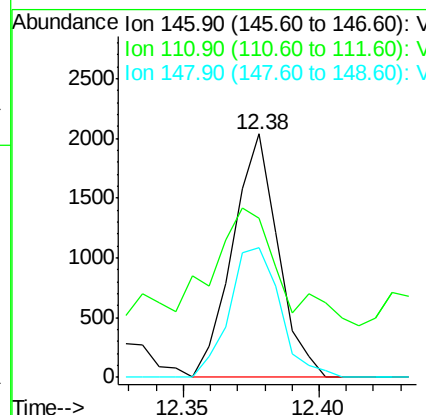
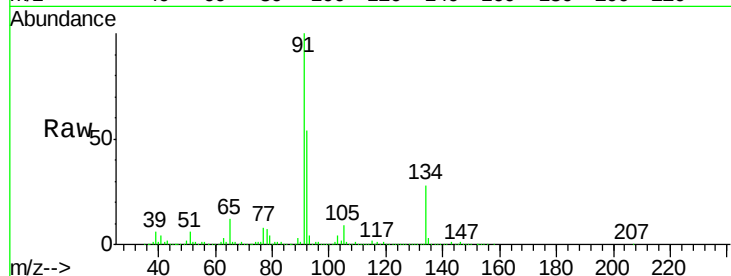




#91
 1,2-Dichlorobenzene
 Concen: 0.361 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

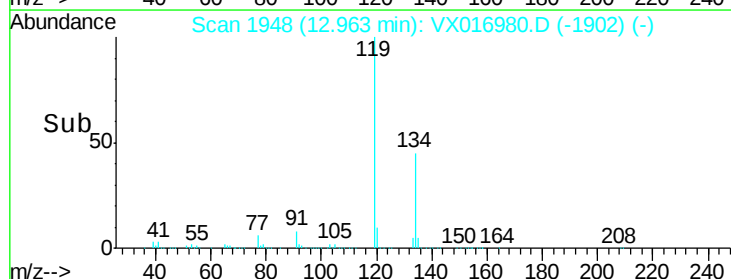
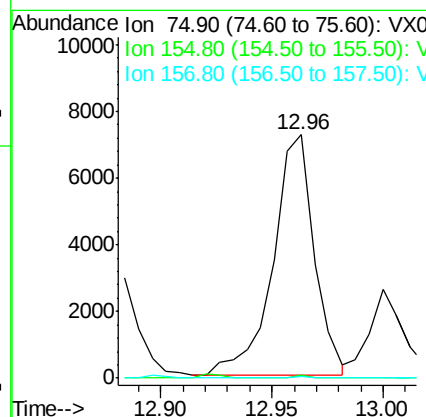
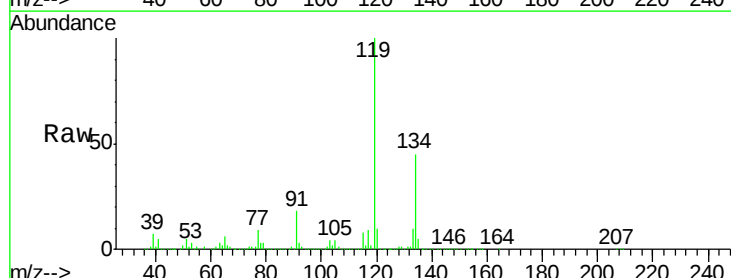
Instrument :
 MSVOA_X
 ClientSampled :

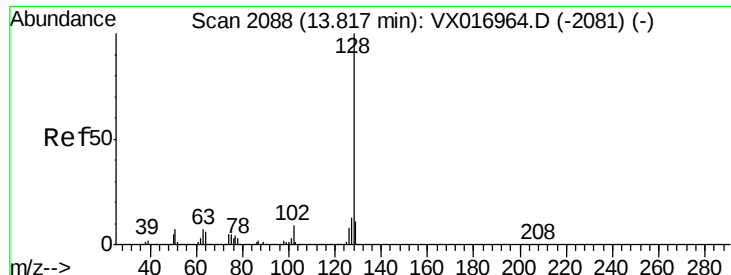
Tot Ion:146 Resp: 2360
 Ion Ratio Lower Upper
 146 100
 111 88.1 21.6 64.6#
 148 59.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.161 ug/l
 RT: 12.96 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

Tgt Ion: 75 Resp: 9320
 Ion Ratio Lower Upper
 75 100
 155 0.3 39.0 117.0#
 157 0.2 50.0 150.1#





#95

Naphthalene

Concen: 25.345 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

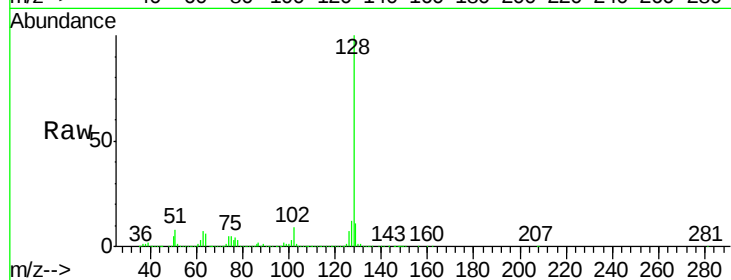
Tot Ion:128 Resp: 355115

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.6 8.7 13.1



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

