

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019364.D
 Acq On : 09 Nov 2020 13:51
 Operator : JC/MD
 Sample : L4670-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 01:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	538171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	259899	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	215541	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
35) Dibromofluoromethane	5.46	113	168404	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.70	98	670390	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	11.12	95	260963	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	

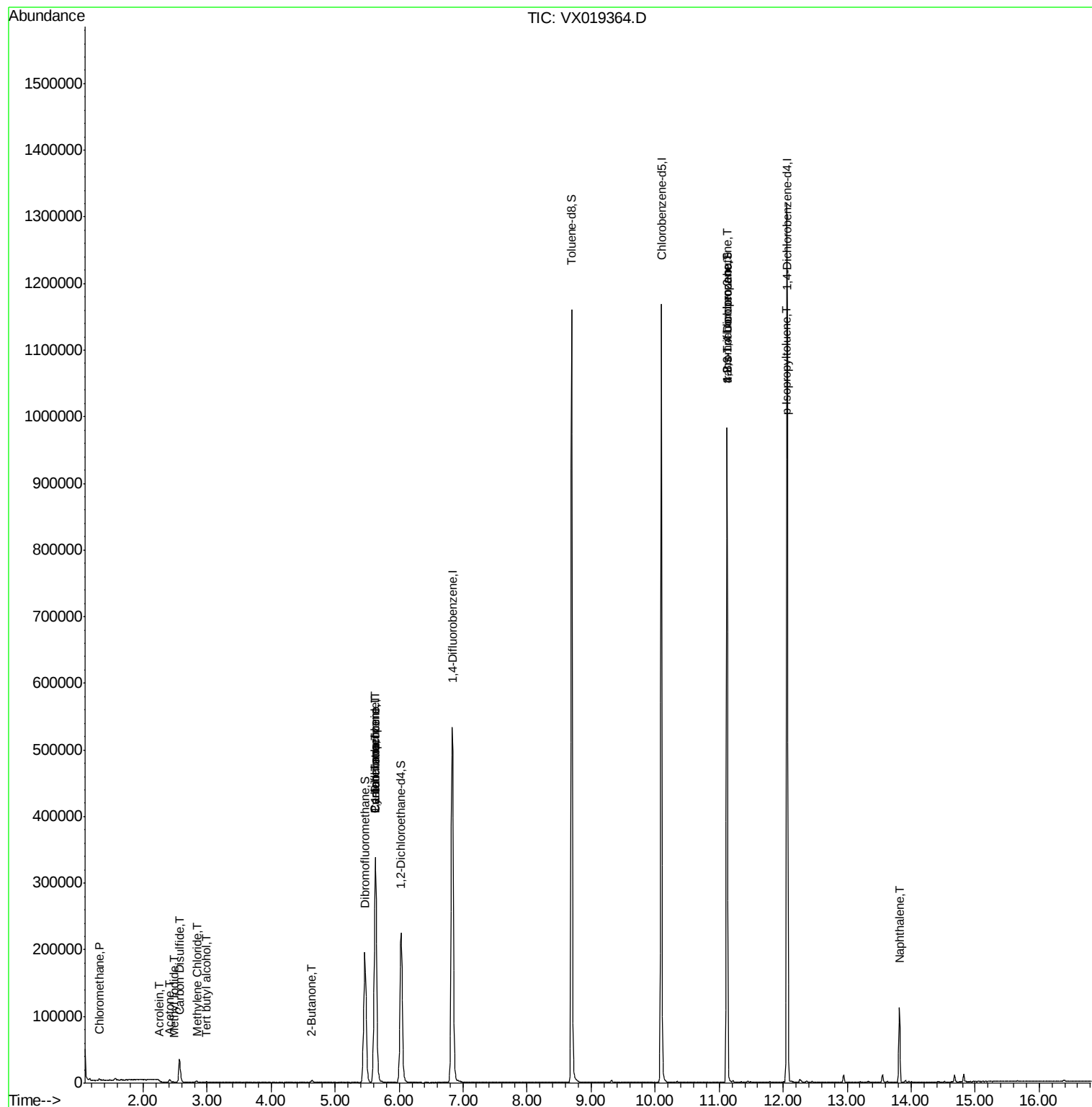
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1138	0.393	ug/l	100
10) Methyl Iodide	2.50	142	154	6.417	ug/l #	39
11) Tert butyl alcohol	3.00	59	735	0.928	ug/l #	72
13) Acrolein	2.26	56	140	6.034	ug/l #	16
16) Acetone	2.42	43	4199	3.036	ug/l	95
17) Carbon Disulfide	2.56	76	772	0.848	ug/l #	75
20) Methylene Chloride	2.84	84	1011	0.291	ug/l #	85
25) 2-Butanone	4.63	43	487	0.223	ug/l #	44
31) Cyclohexane	5.63	56	6908	1.363	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	25515	5.134	ug/l #	49
38) Carbon Tetrachloride	5.63	117	32581	6.432	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	134787	25.117	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	134787	66.133	ug/l #	12
86) p-Isopropyltoluene	12.05	119	23272	1.413	ug/l	94
95) Naphthalene	13.82	128	68056	3.523	ug/l	99

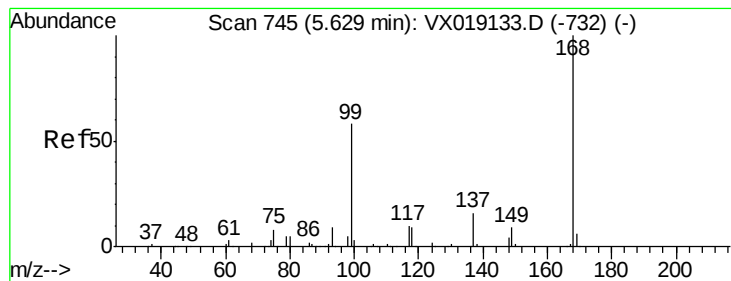
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019364.D

Acq: 09 Nov 2020 13:51

Instrument :

MSVOA_X

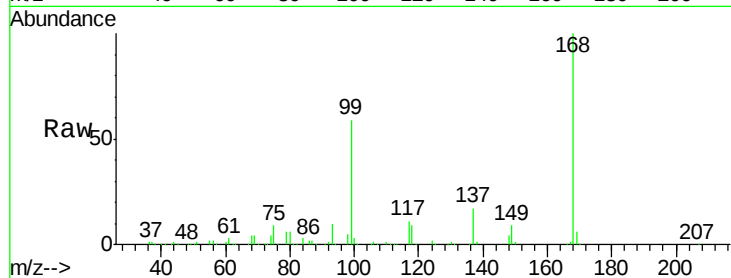
ClientSampleId :

Tot Ion:168 Resp: 310918

Ion Ratio Lower Upper

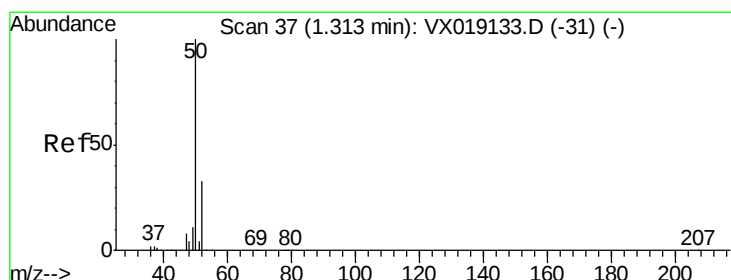
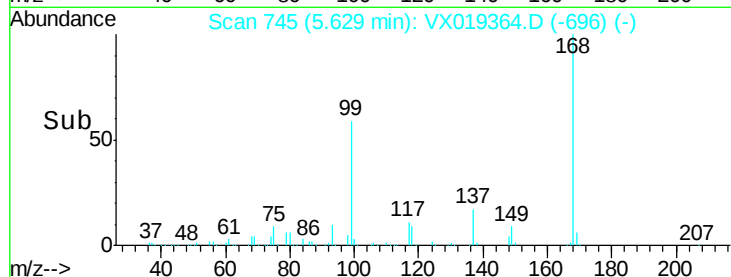
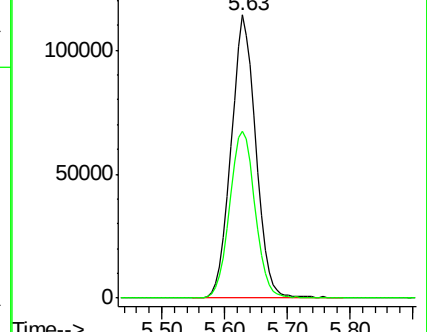
168 100

99 58.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.393 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019364.D

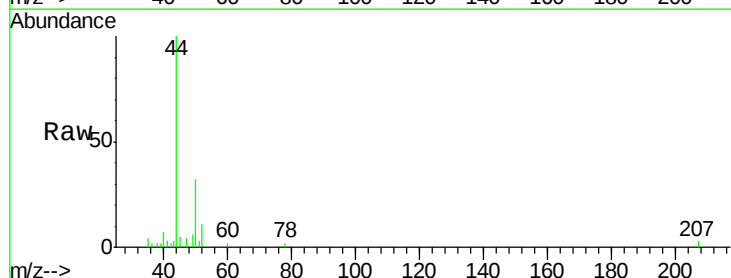
Acq: 09 Nov 2020 13:51

Tgt Ion: 50 Resp: 1138

Ion Ratio Lower Upper

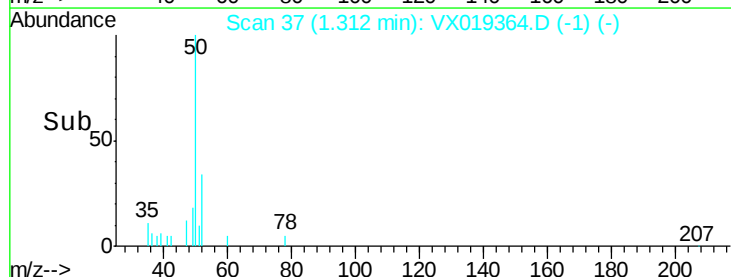
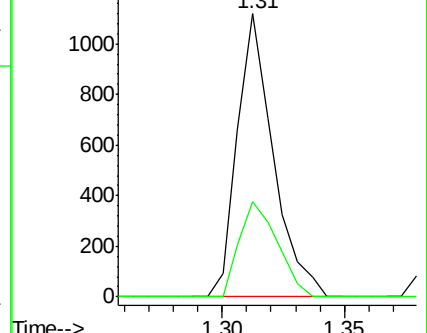
50 100

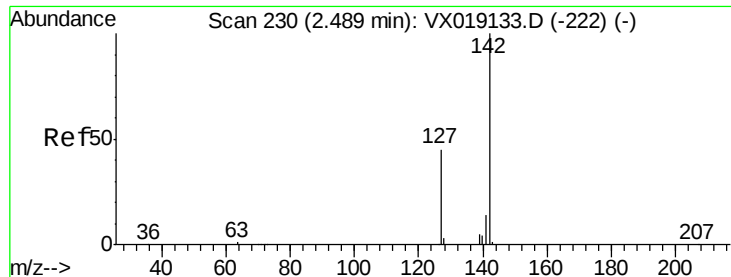
52 33.8 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

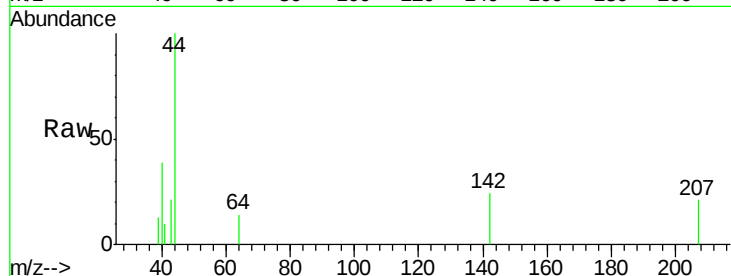




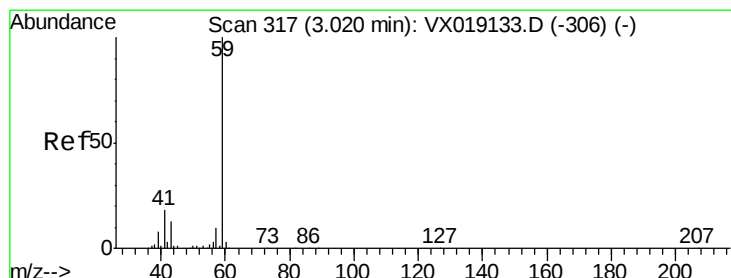
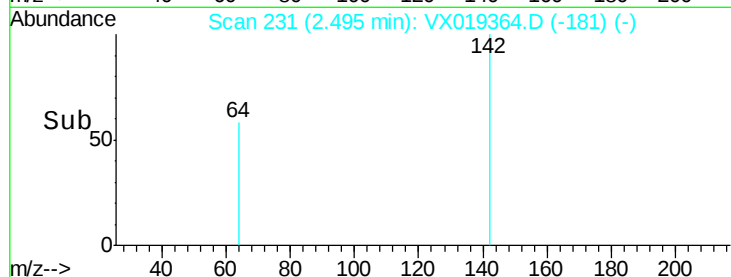
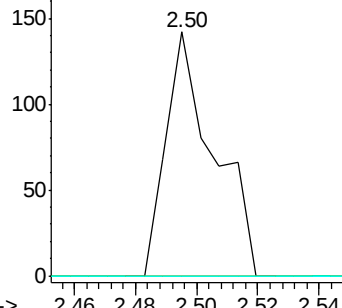
#10
Methvl Iodide
Concen: 6.417 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.3 16.9#

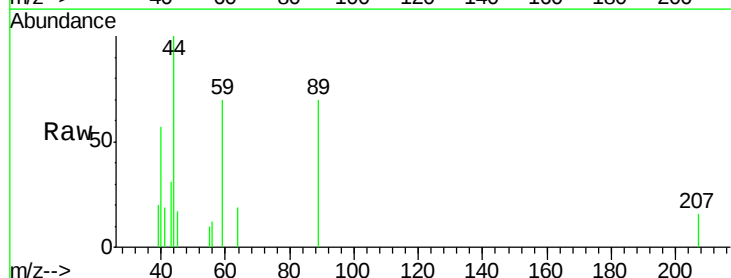


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

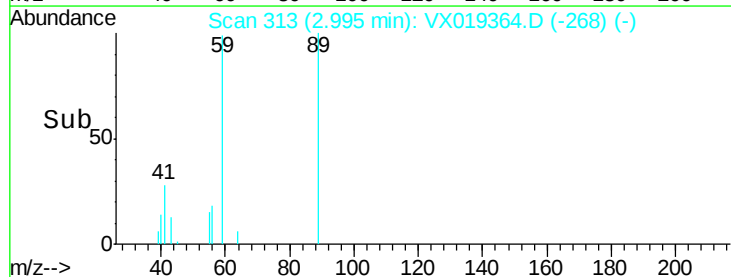
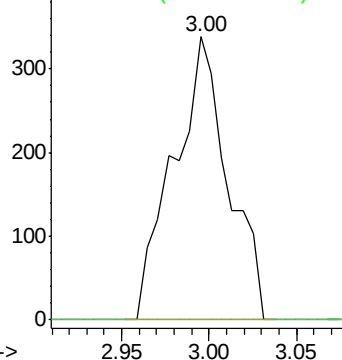


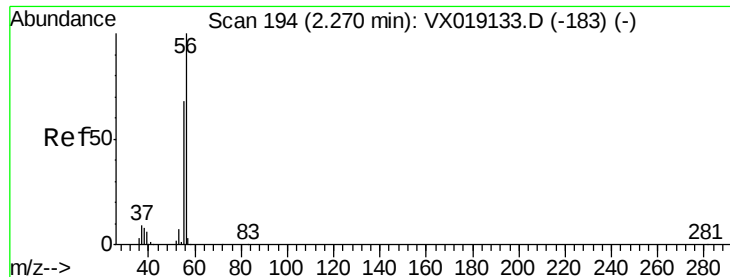
#11
Tert butyl alcohol
Concen: 0.928 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

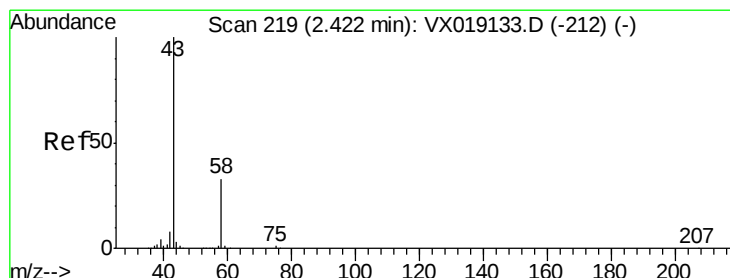
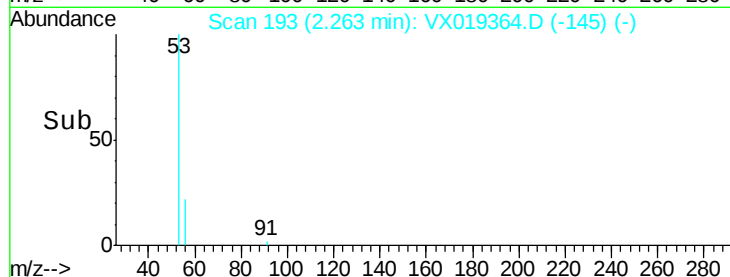
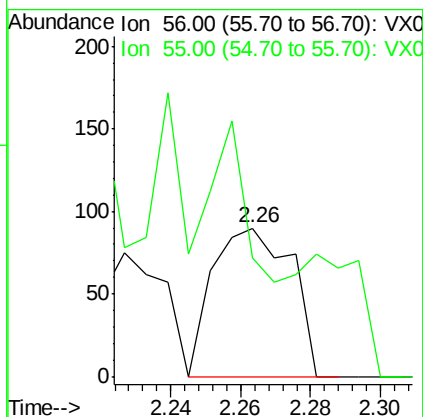
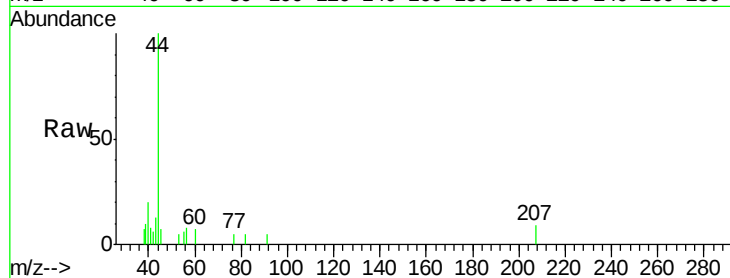




#13
Acrolein
Concen: 6.034 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

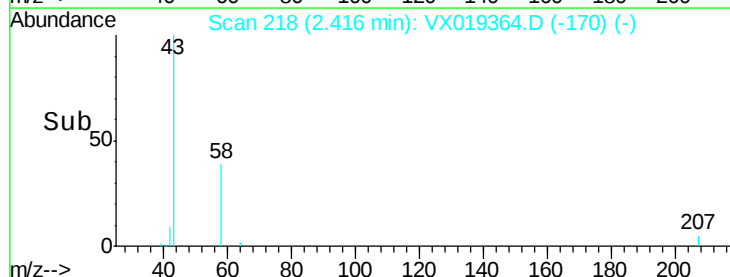
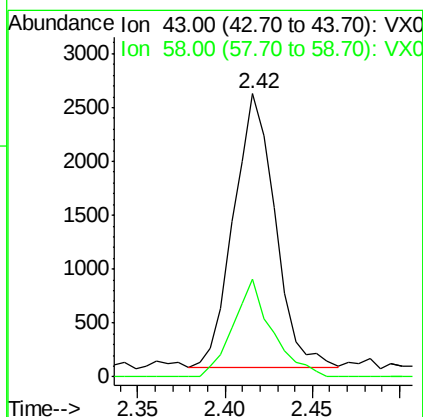
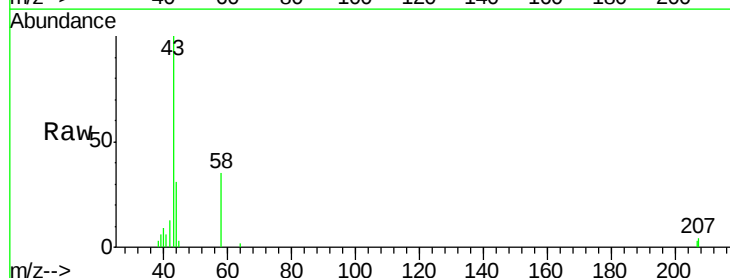
Instrument :
MSVOA_X
ClientSampled :

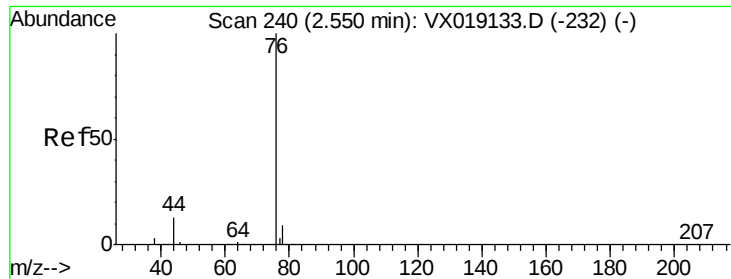
Tot Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#



#16
Acetone
Concen: 3.036 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
58 35.7 26.3 39.5

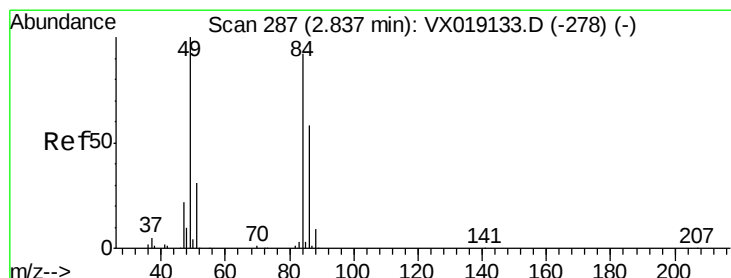
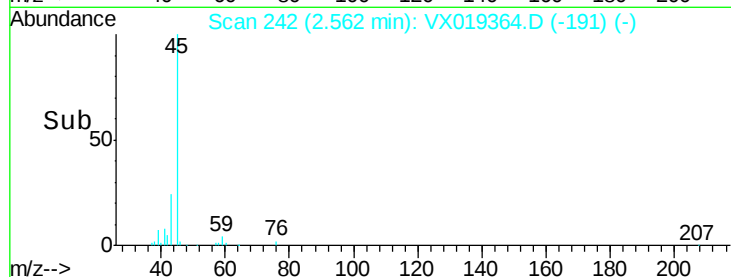
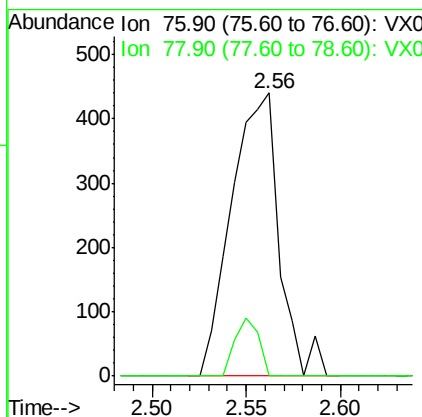
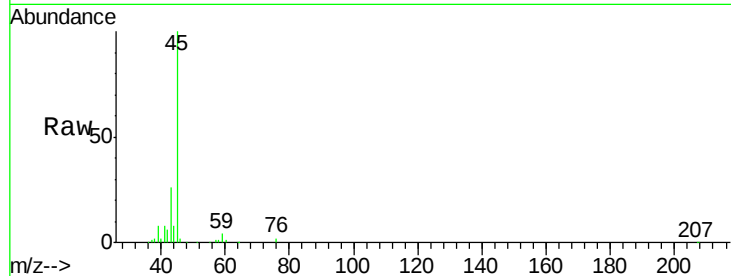




#17
Carbon Disulfide
Concen: 0.848 ug/l
RT: 2.56 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

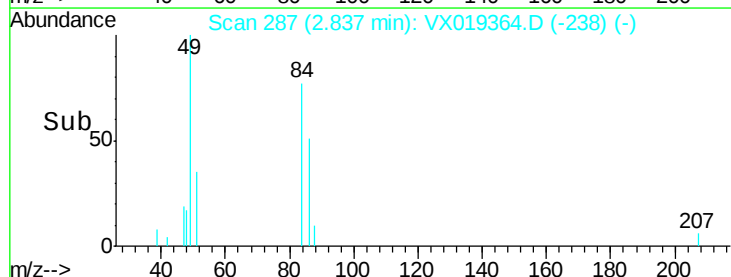
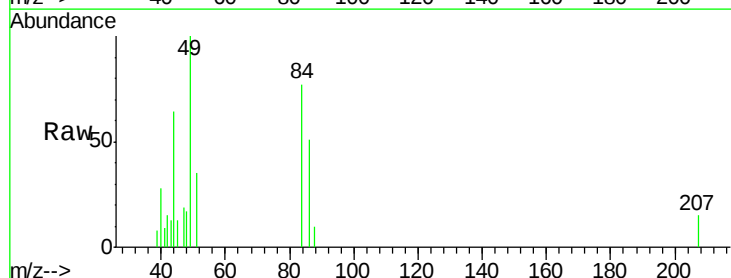
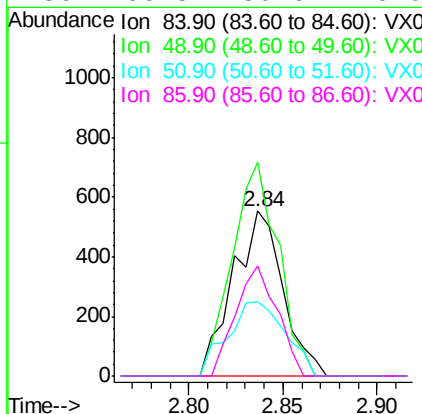
Instrument :
MSVOA_X
ClientSampleId :

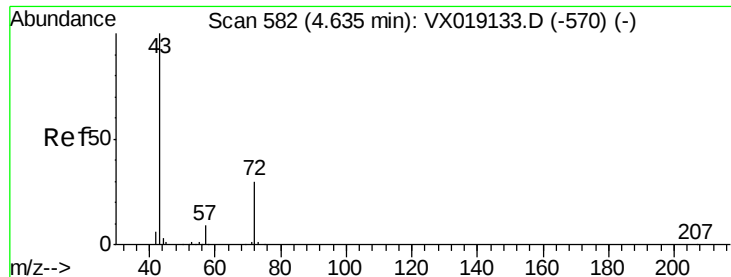
Tot Ion: 76 Resp: 772
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Tgt Ion: 84 Resp: 1011
Ion Ratio Lower Upper
84 100
49 129.5 86.8 130.2
51 45.4 27.3 40.9#
86 66.5 50.6 76.0





#25

2-Butanone

Concen: 0.223 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019364.D

Acq: 09 Nov 2020 13:51

Instrument :

MSVOA_X

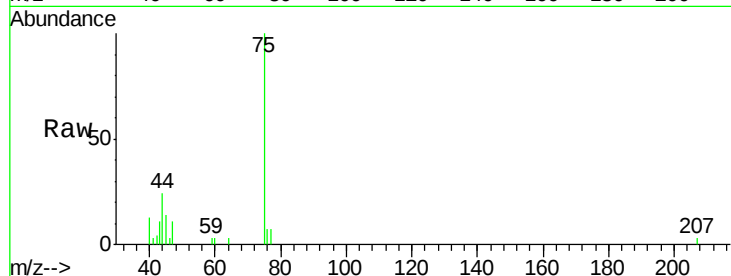
ClientSampleId :

Tot Ion: 43 Resp: 487

Ion Ratio Lower Upper

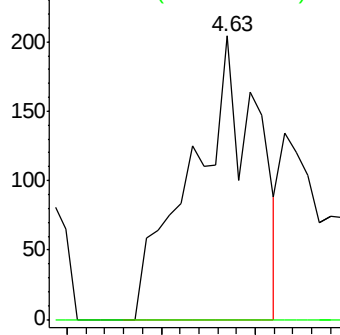
43 100

72 0.0 24.6 36.8#

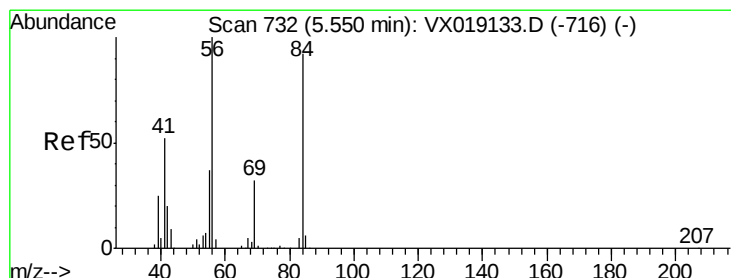
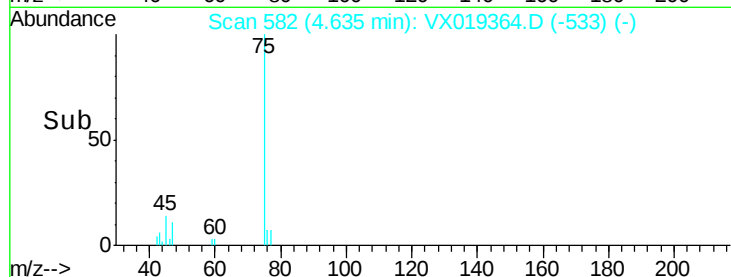


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX019364.D

Acq: 09 Nov 2020 13:51

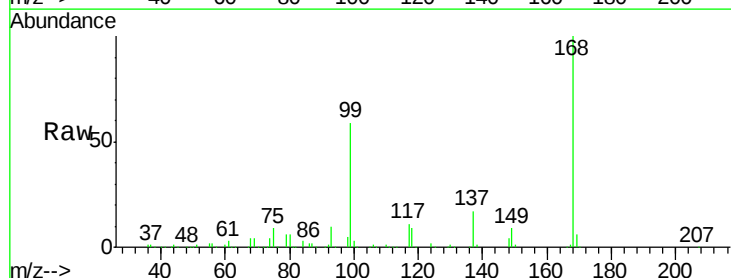
Tgt Ion: 56 Resp: 6908

Ion Ratio Lower Upper

56 100

69 194.9 25.9 38.9#

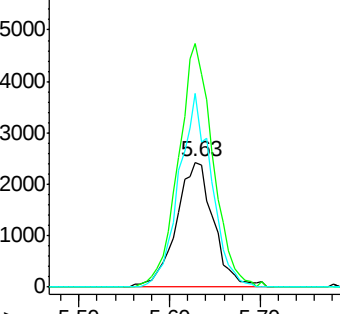
84 154.7 73.4 110.2#



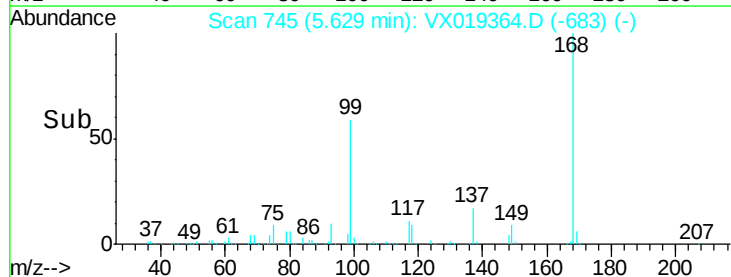
Abundance Ion 56.00 (55.70 to 56.70): VX0

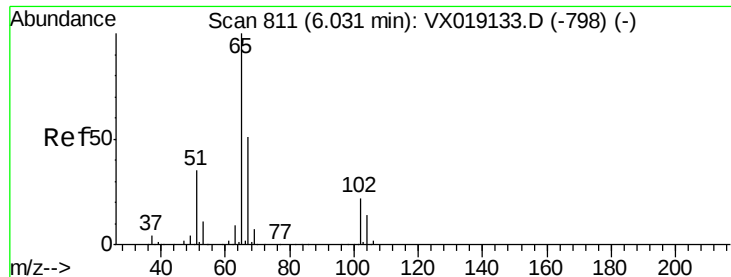
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->

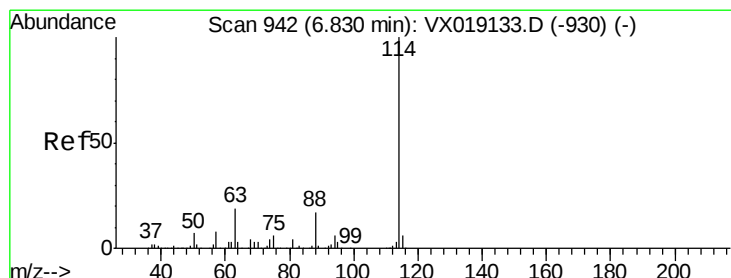
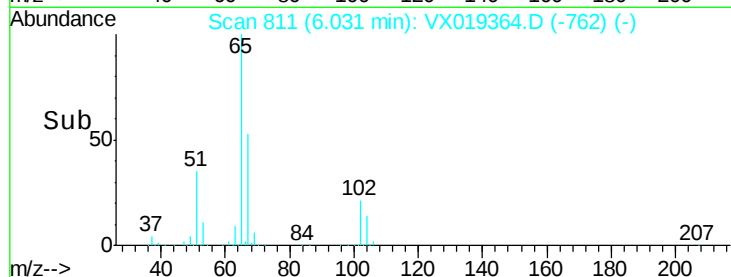
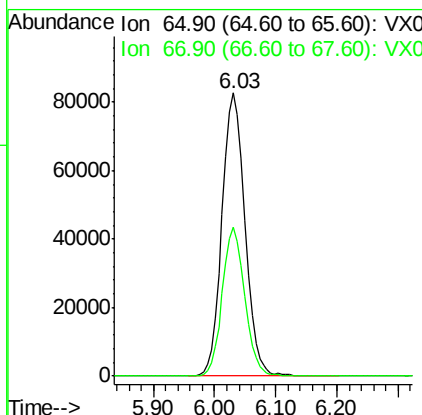
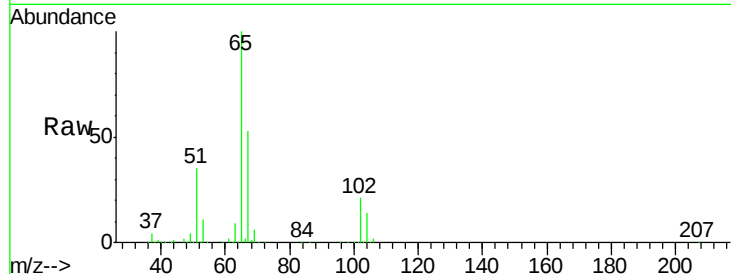




#33
 1,2-Dichloroethane-d4
 Concen: 53.755 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019364.D
 Acq: 09 Nov 2020 13:51

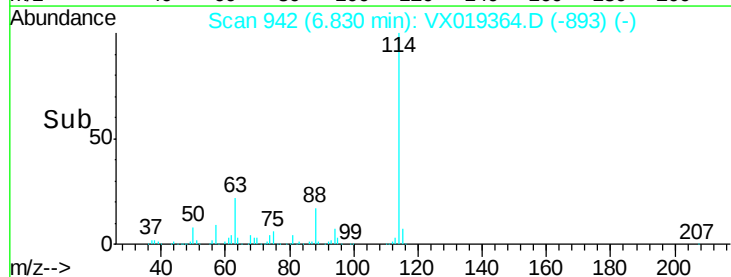
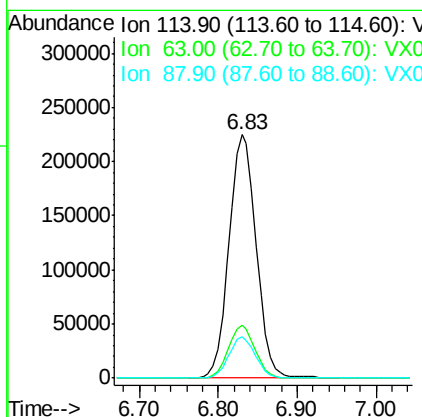
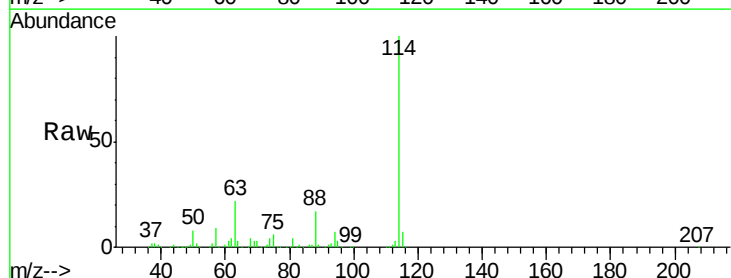
Instrument :
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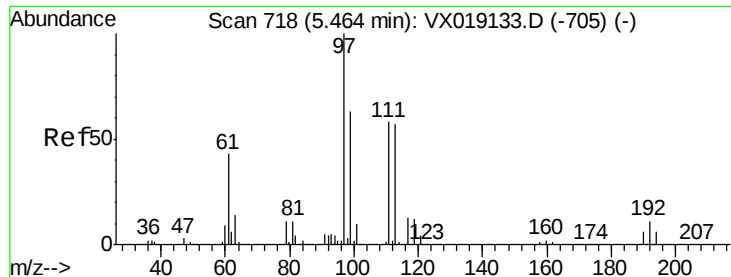
Tot Ion	65	Resp	215541
Ion Ratio	Lower	Upper	
65	100		
67	51.4	0.0	103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019364.D
 Acq: 09 Nov 2020 13:51

Tgt Ion	114	Resp	538171
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	38.8
88	17.3	0.0	34.2

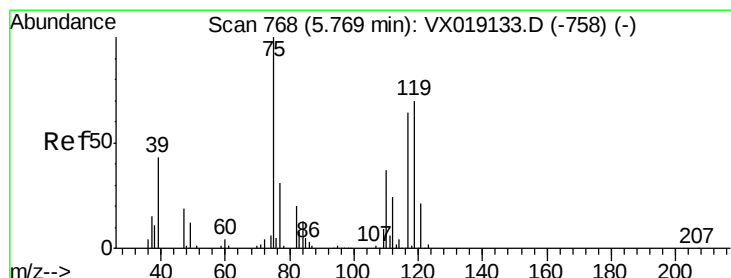
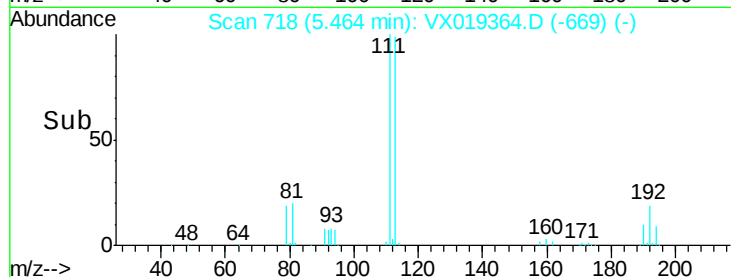
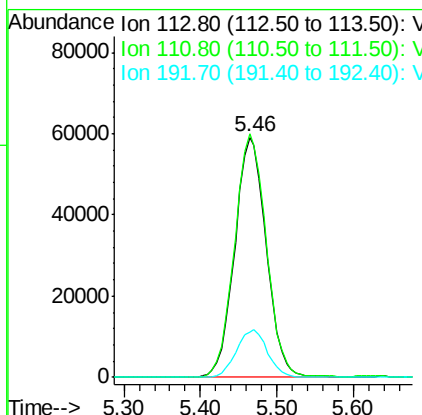
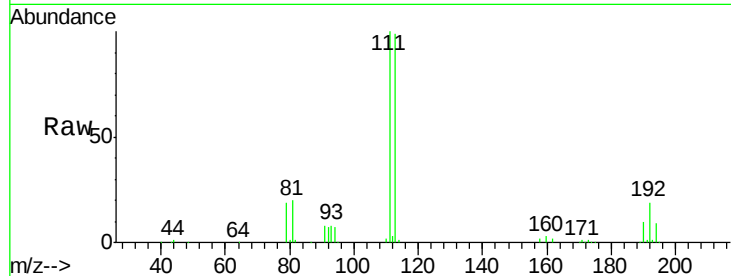




#35
 Dibromofluoromethane
 Concen: 49.817 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019364.D
 Acq: 09 Nov 2020 13:51

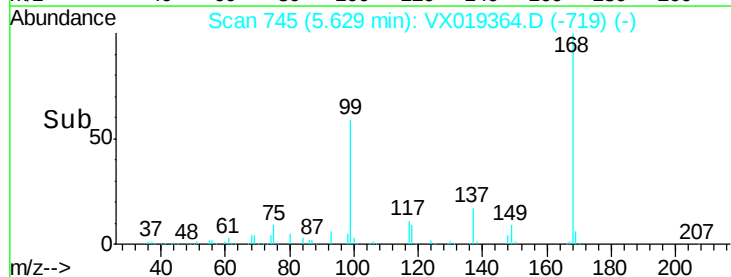
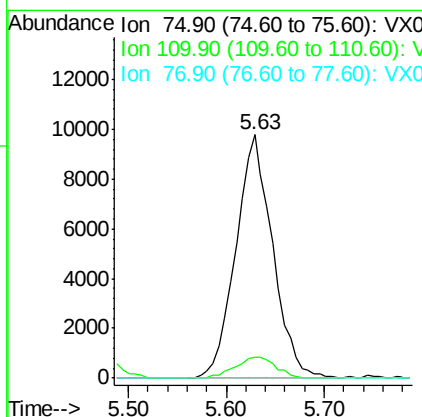
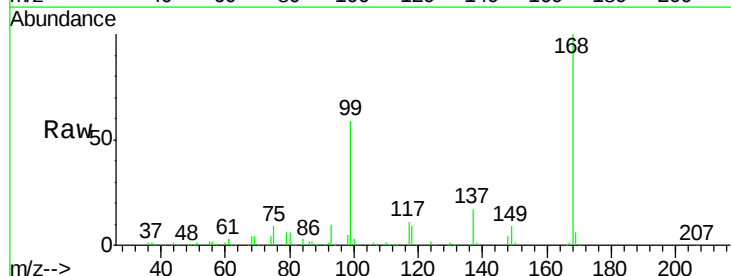
Instrument :
 MSVOA_X
 ClientSampleId :

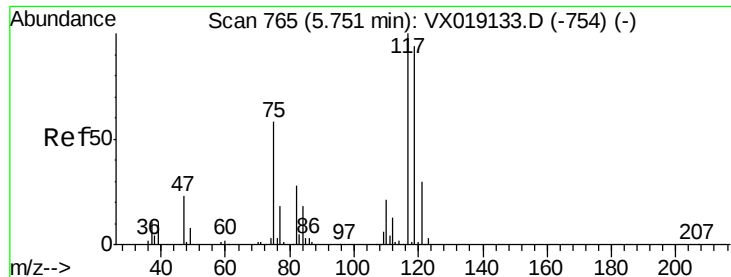
Tot Ion:113 Resp: 168404
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.134 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019364.D
 Acq: 09 Nov 2020 13:51

Tgt Ion: 75 Resp: 25515
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.3 54.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019364.D

Acq: 09 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

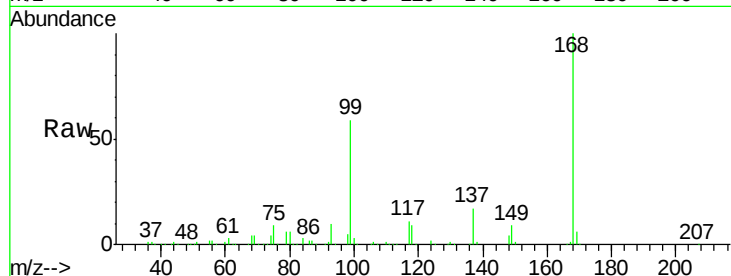
Tot Ion:117 Resp: 32581

Ion Ratio Lower Upper

117 100

119 3.3 75.0 112.6#

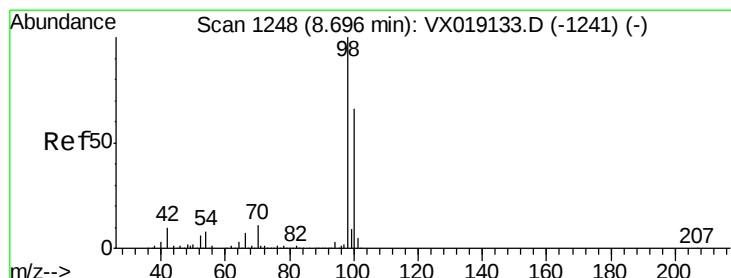
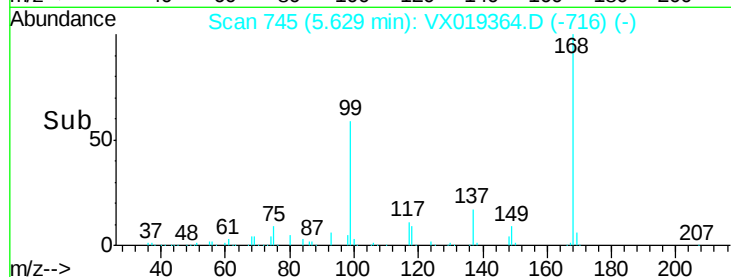
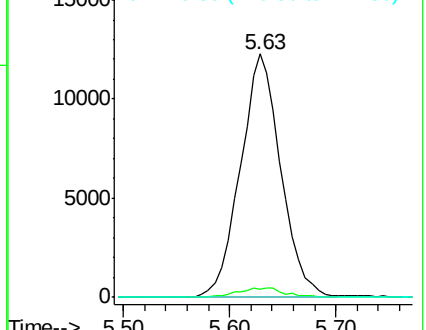
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 52.608 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019364.D

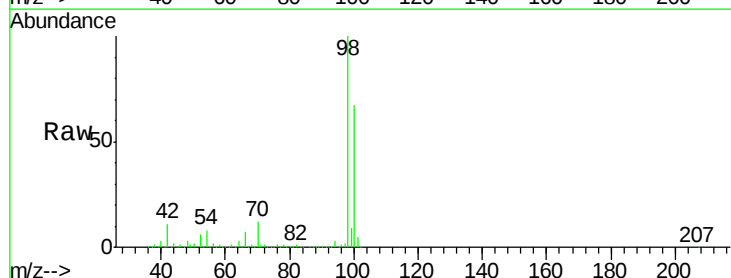
Acq: 09 Nov 2020 13:51

Tgt Ion: 98 Resp: 670390

Ion Ratio Lower Upper

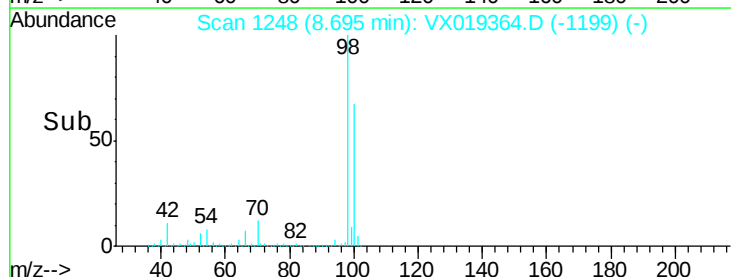
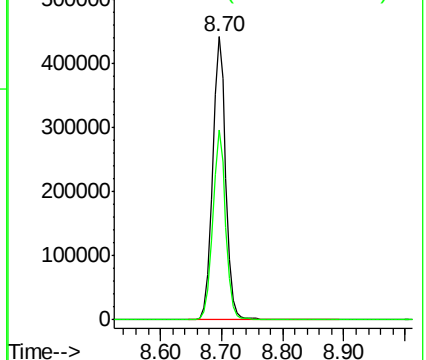
98 100

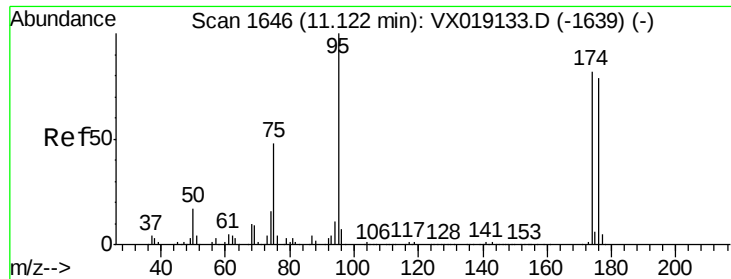
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

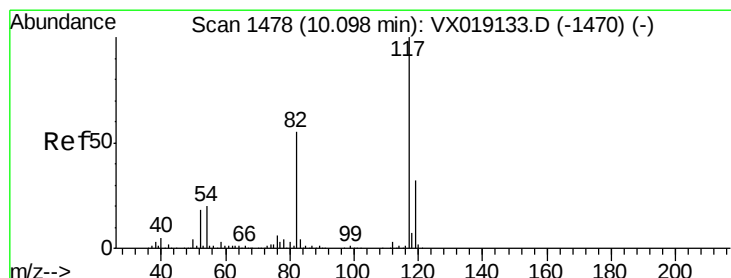
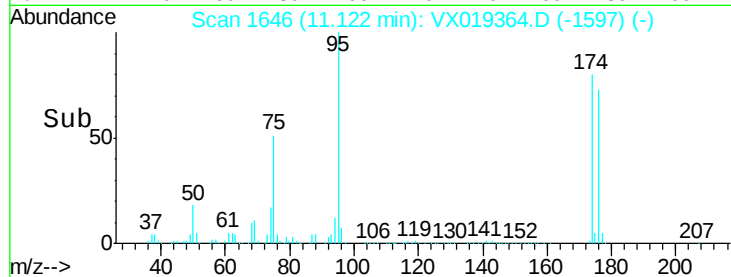
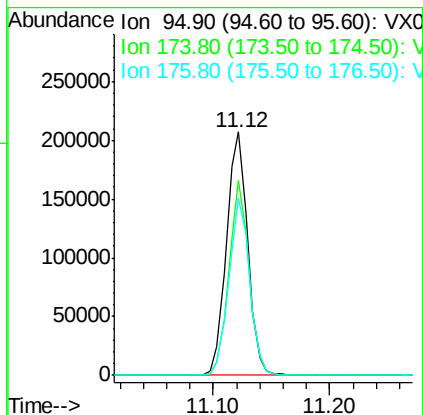
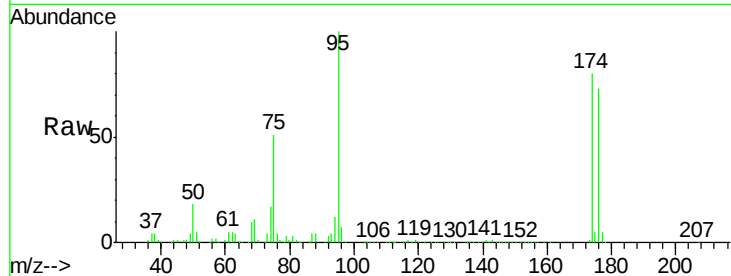




#62
4-Bromofluorobenzene
Concen: 54.076 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

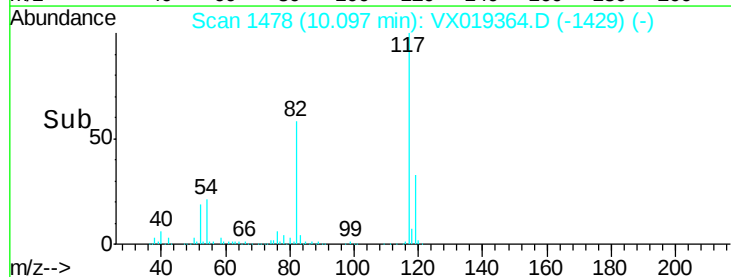
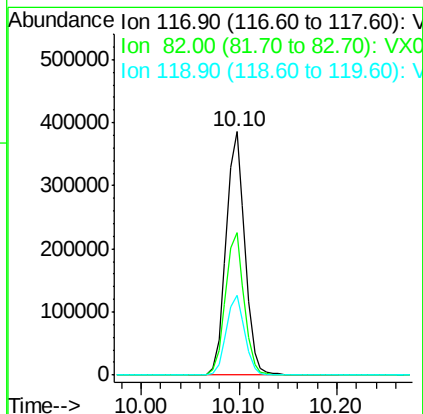
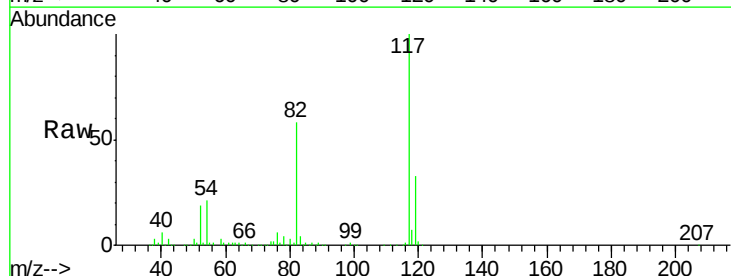
Instrument :
MSVOA_X
ClientSampleId :

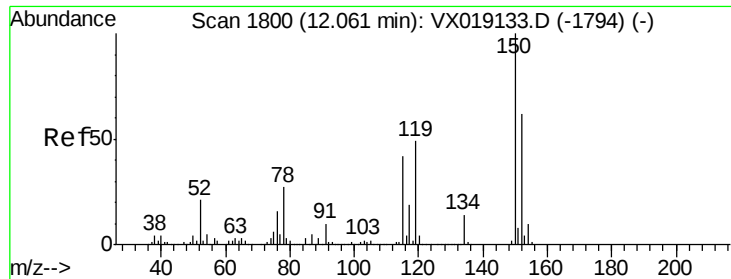
Tot Ion: 95 Resp: 260963
Ion Ratio Lower Upper
95 100
174 76.1 0.0 156.0
176 71.9 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Tgt Ion: 117 Resp: 514419
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019364.D

Acq: 09 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

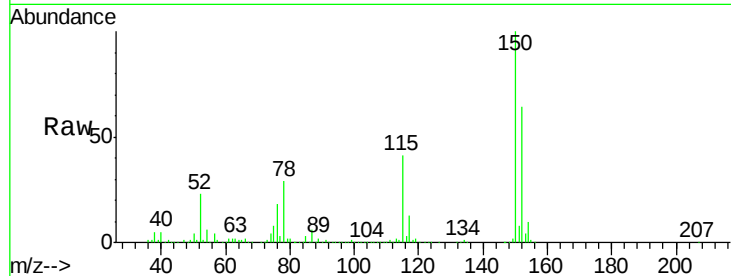
Tot Ion:152 Resp: 259899

Ion Ratio Lower Upper

152 100

115 63.4 41.9 125.7

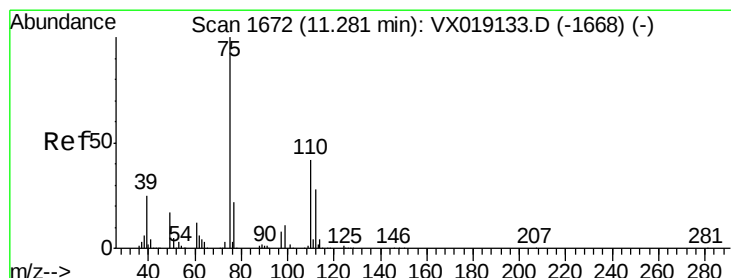
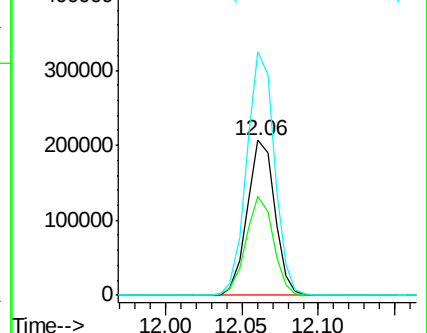
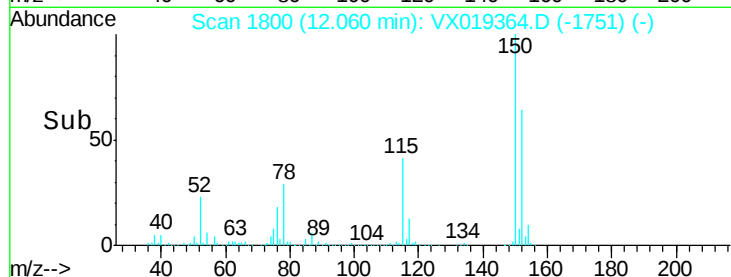
150 157.3 0.0 347.8



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



#76

1,2,3-Trichloropropane

Concen: 25.117 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019364.D

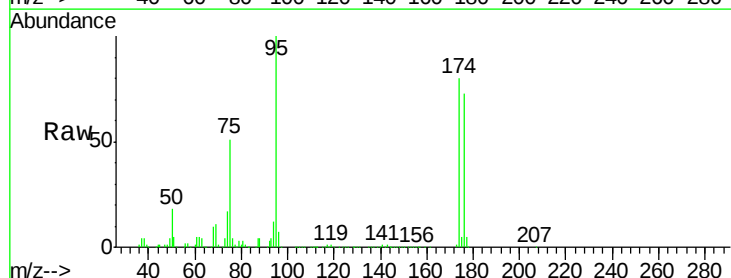
Acq: 09 Nov 2020 13:51

Tgt Ion: 75 Resp: 134787

Ion Ratio Lower Upper

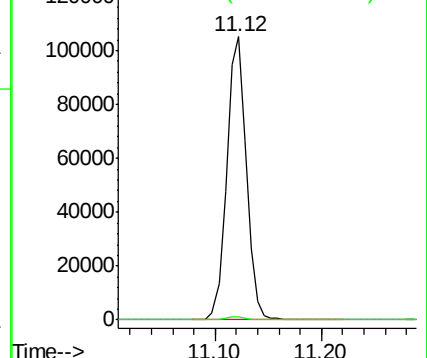
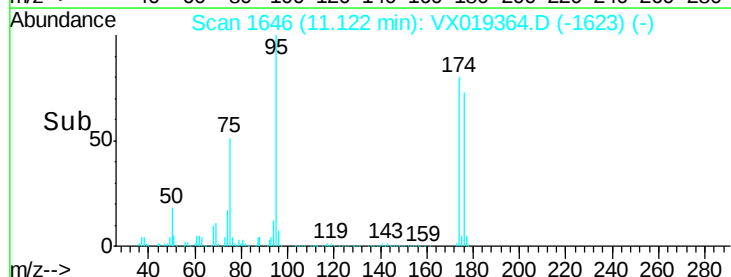
75 100

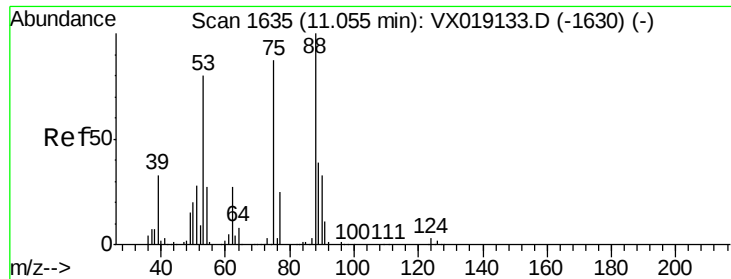
77 1.2 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

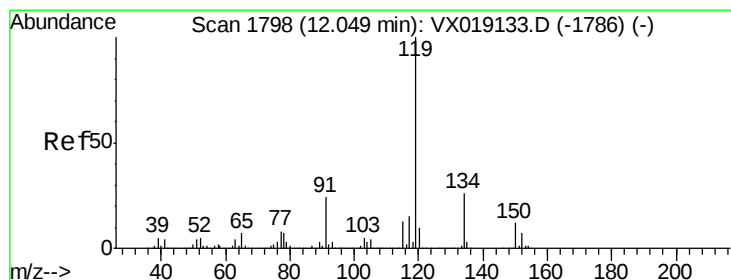
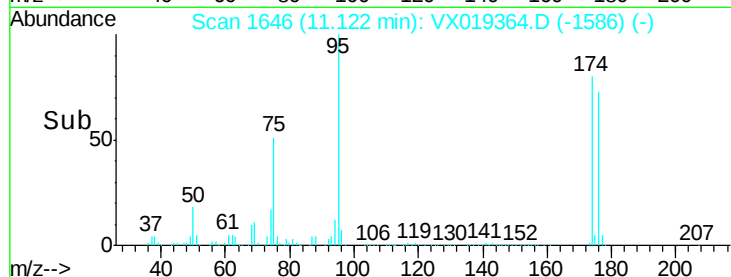
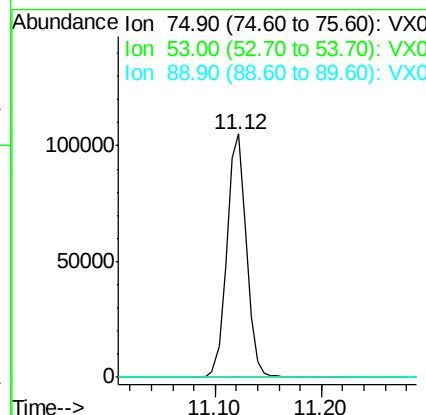
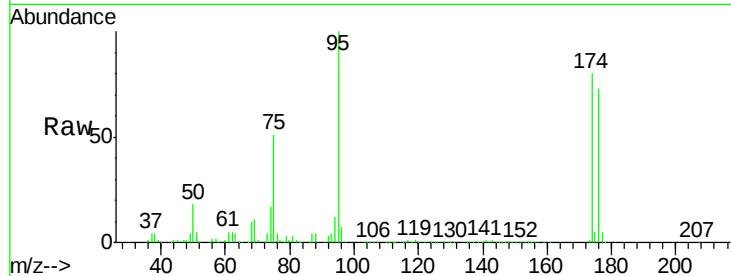




#81
trans-1,4-Dichloro-2-butene
Concen: 66.133 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

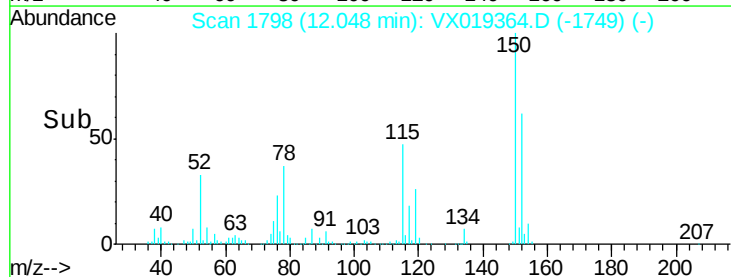
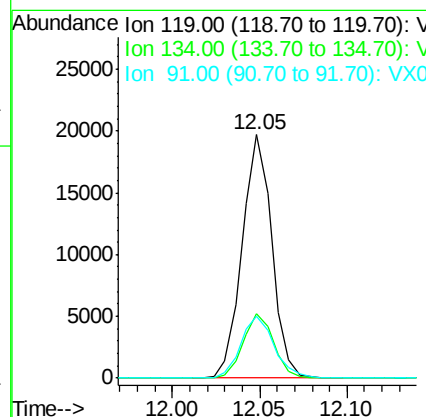
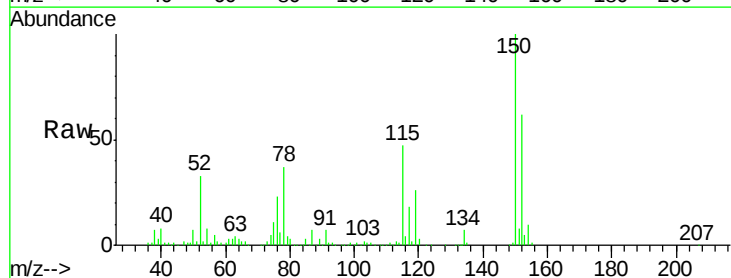
Instrument :
MSVOA_X
ClientSampleId :

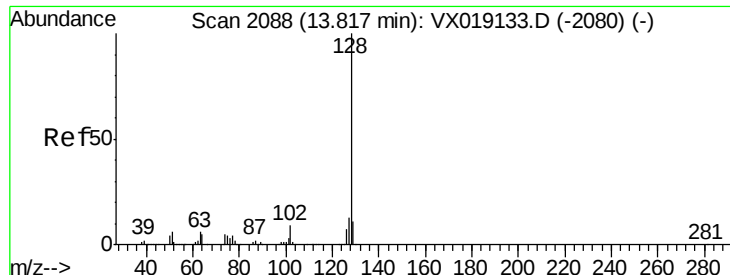
Tot Ion: 75 Resp: 134787
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 38.2 57.2#



#86
p-Isopropyltoluene
Concen: 1.413 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Tgt Ion: 119 Resp: 23272
Ion Ratio Lower Upper
119 100
134 27.2 12.9 38.7
91 28.5 12.0 36.0

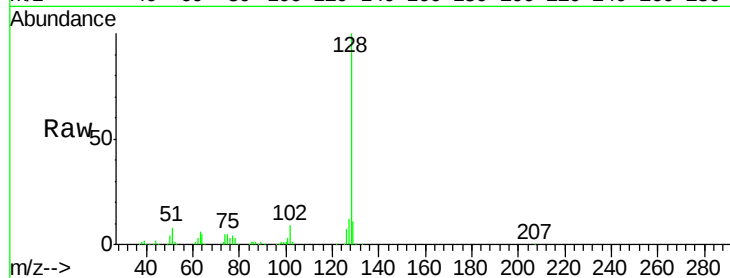




#95
Naphthalene
Concen: 3.523 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019364.D
Acq: 09 Nov 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.2	8.6	13.0



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

