

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020348.D
 Acq On : 23 Dec 2020 19:01
 Operator : JC/MD
 Sample : L5124-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20201211DL

Quant Time: Dec 24 00:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

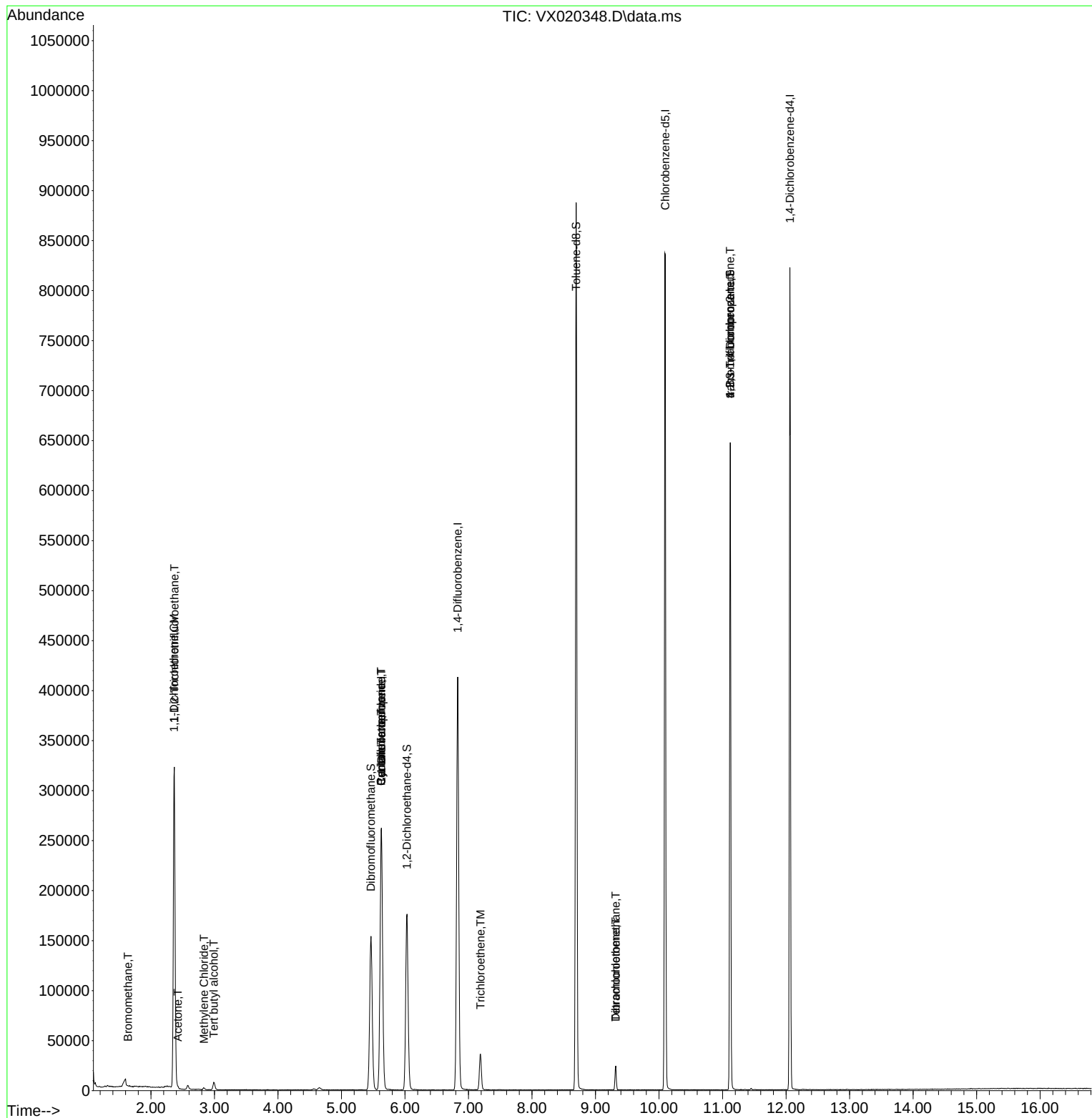
Internal Standards						
1) Pentafluorobenzene	5.623	168	246836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	414368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	397002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	169373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	168580	50.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.90%
35) Dibromofluoromethane	5.464	113	133693	50.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.88%
50) Toluene-d8	8.695	98	517173	50.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.38%
62) 4-Bromofluorobenzene	11.122	95	178870	45.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.60%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	270	0.25	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	2.367	101	133572	54.20	ug/l	97
11) Tert butyl alcohol	2.989	59	4360	5.88	ug/l #	73
12) 1,1-Dichloroethene	2.361	96	1143	0.45	ug/l #	60
16) Acetone	2.422	43	1750	1.16	ug/l	100
20) Methylene Chloride	2.837	84	775	0.23	ug/l #	84
31) Cyclohexane	5.623	56	4877	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19524	4.77	ug/l #	49
38) Carbon Tetrachloride	5.623	117	24870	6.38	ug/l #	16
44) Trichloroethene	7.189	130	14062	4.27	ug/l	96
60) Dibromochloromethane	9.317	129	4532	1.42	ug/l #	11
64) Tetrachloroethene	9.317	164	4472	1.50	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	86744	20.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86744	61.68	ug/l #	12

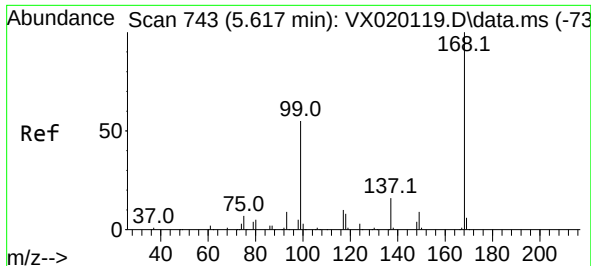
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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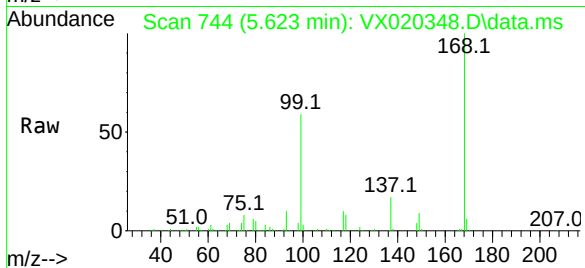
Quant Time: Dec 24 00:20:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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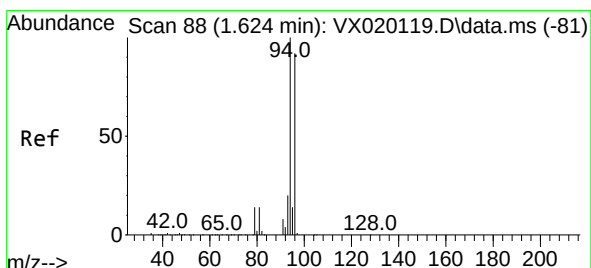
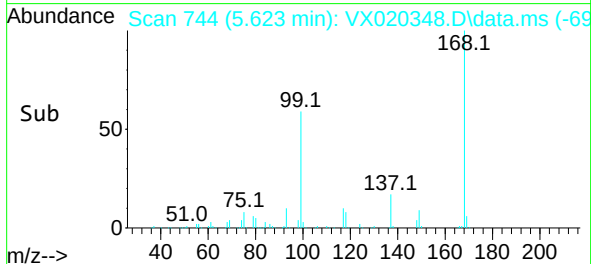
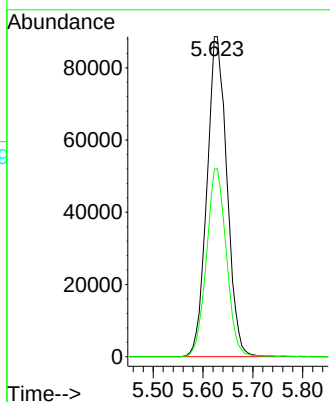


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

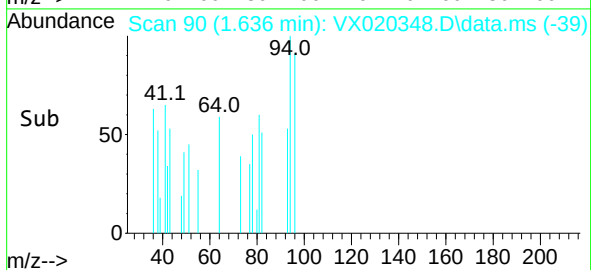
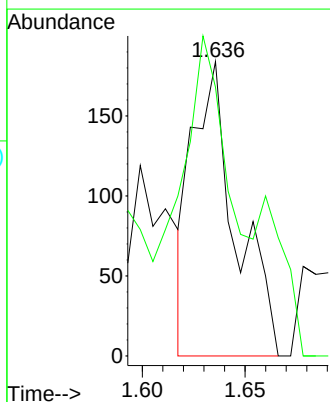
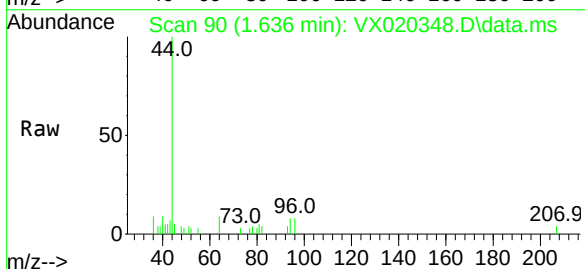


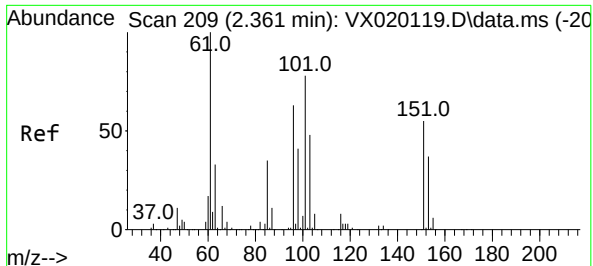
Tgt Ion:168 Resp: 246836
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 51.1 76.4 114.6#

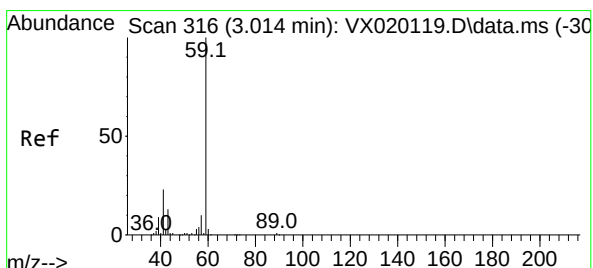
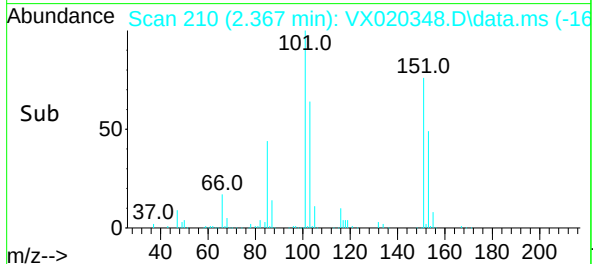
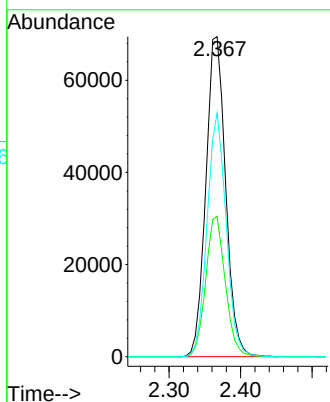
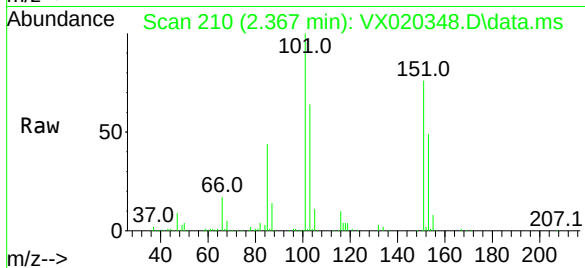




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.20 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

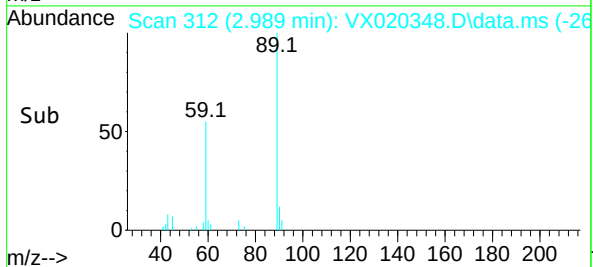
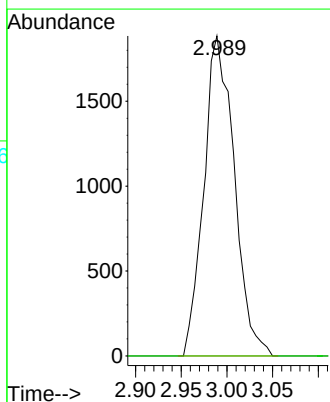
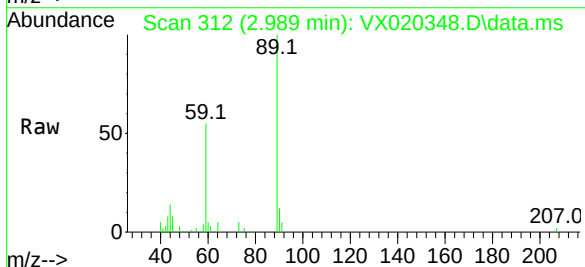
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

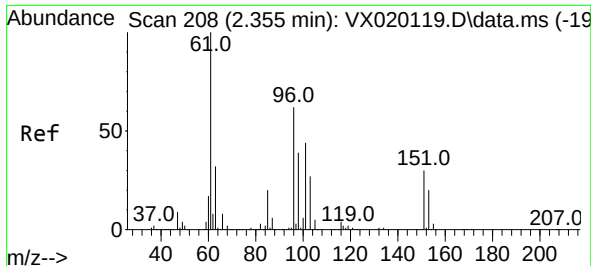
Tgt Ion:101 Resp: 133572
Ion Ratio Lower Upper
101 100
85 43.5 34.9 52.3
151 73.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 5.88 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion: 59 Resp: 4360
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.45 ug/l

RT: 2.361 min Scan# 209

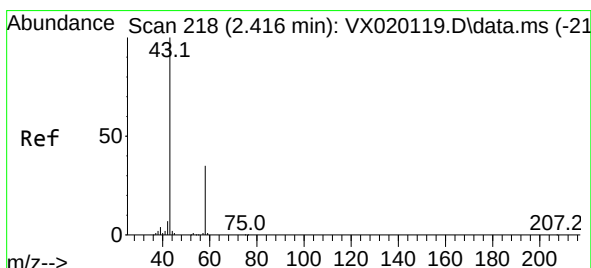
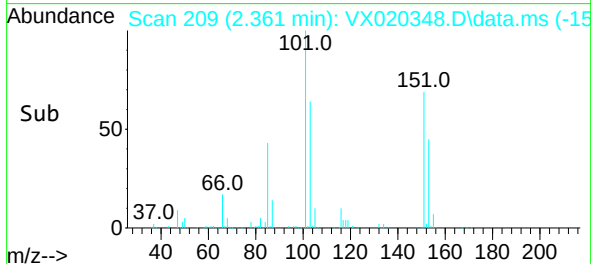
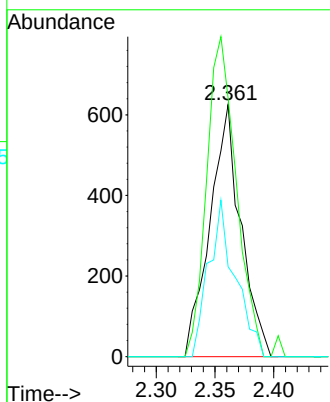
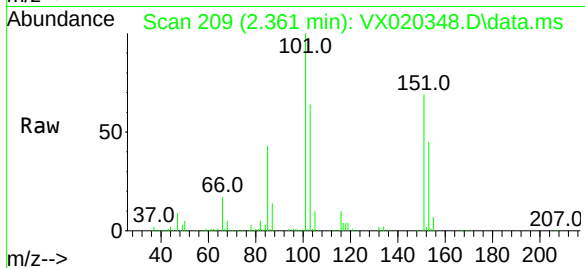
Delta R.T. 0.006 min

Lab File: VX020348.D

Acq: 23 Dec 2020 19:01

Tgt Ion: 96	Resp: 1143
Ion Ratio	Lower Upper
96	100
61	102.4 124.6 187.0#
98	35.6 50.6 76.0#

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL



#16

Acetone

Concen: 1.16 ug/l

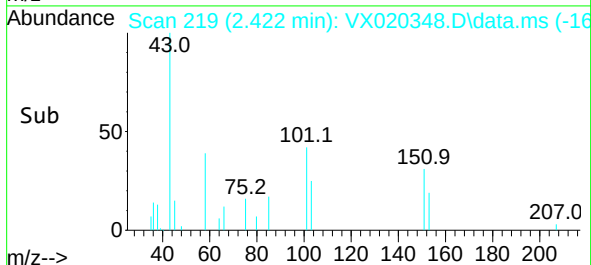
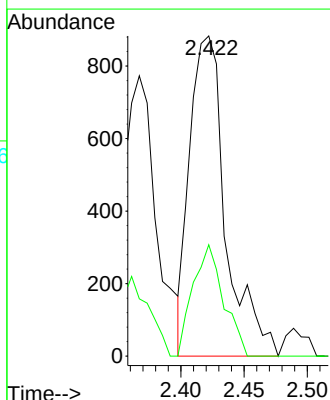
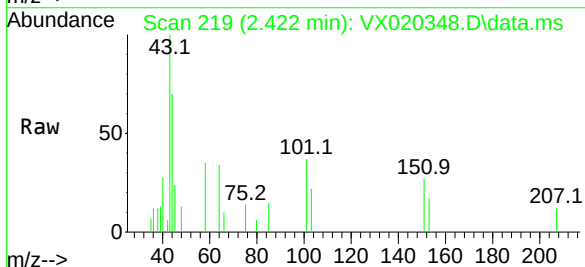
RT: 2.422 min Scan# 219

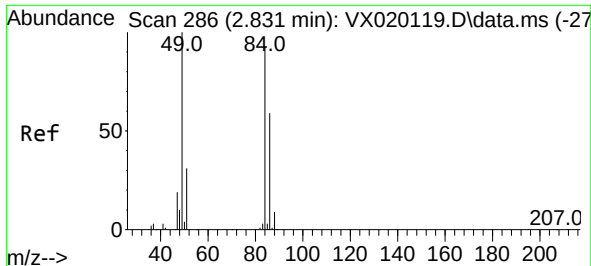
Delta R.T. 0.006 min

Lab File: VX020348.D

Acq: 23 Dec 2020 19:01

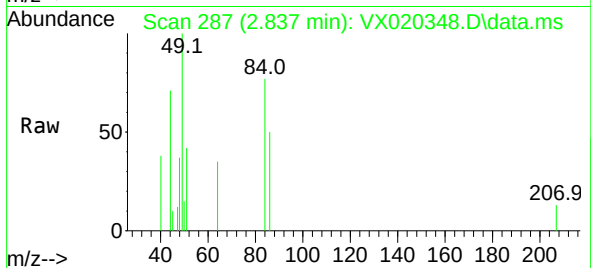
Tgt Ion: 43	Resp: 1750
Ion Ratio	Lower Upper
43	100
58	34.8 27.8 41.8



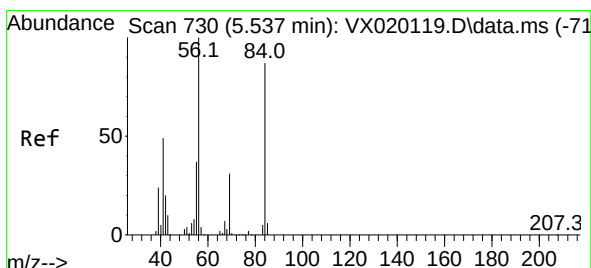
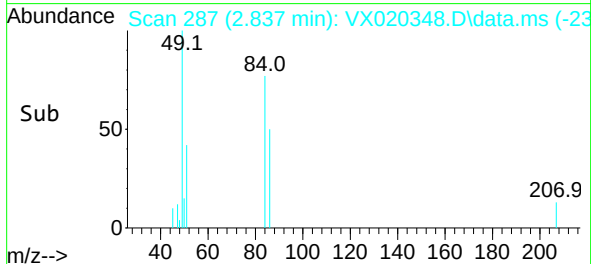
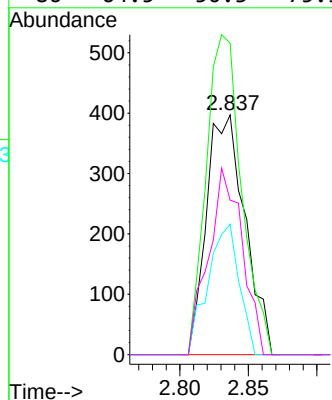


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

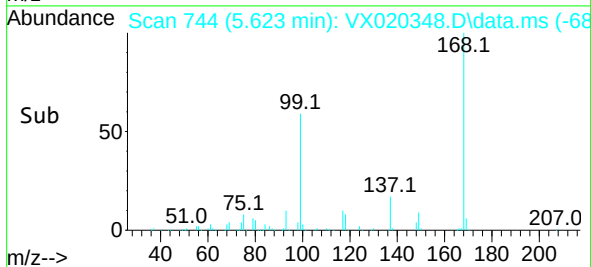
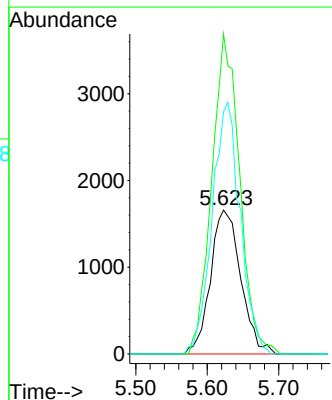
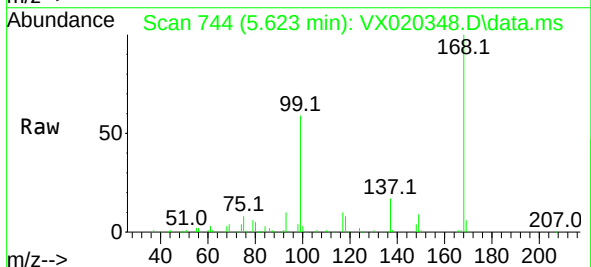


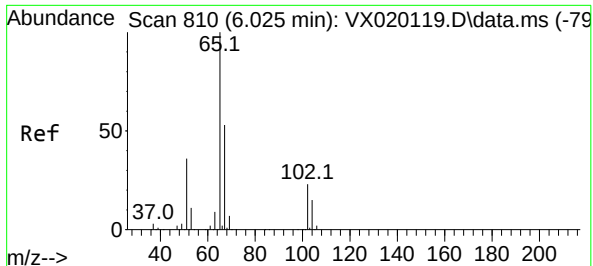
Tgt Ion: 84	Resp: 775
Ion Ratio	Lower Upper
84 100	
49 130.0	88.6 132.8
51 54.4	27.0 40.6#
86 64.5	50.3 75.5



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion: 56	Resp: 4877		
Ion Ratio	Lower	Upper	
56	100		
69	222.5	25.3	37.9#
84	168.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.95 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020348.D

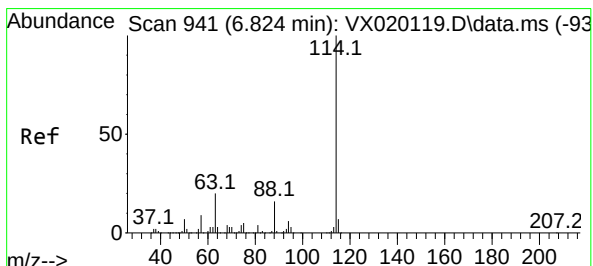
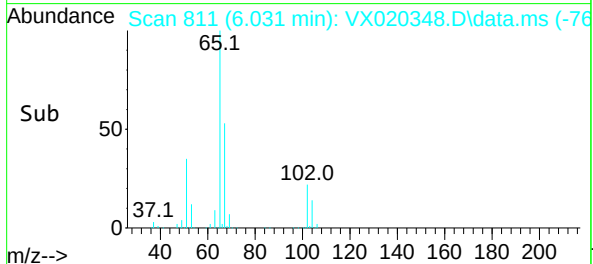
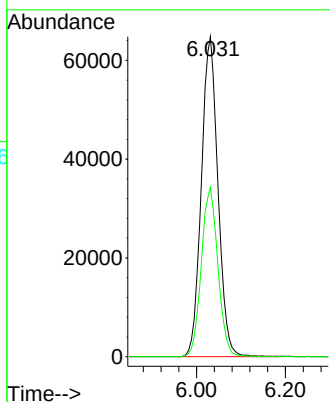
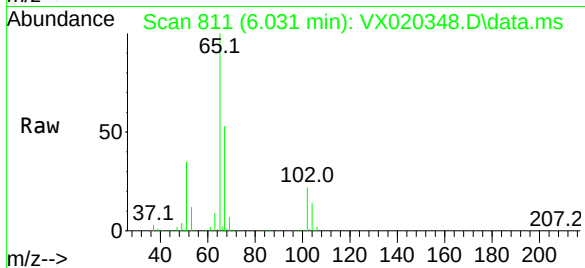
Acq: 23 Dec 2020 19:01

Tgt Ion: 65 Resp: 168580

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020348.D

Acq: 23 Dec 2020 19:01

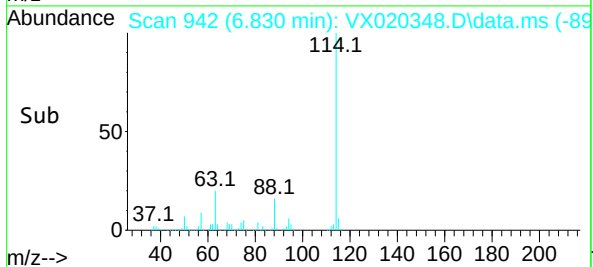
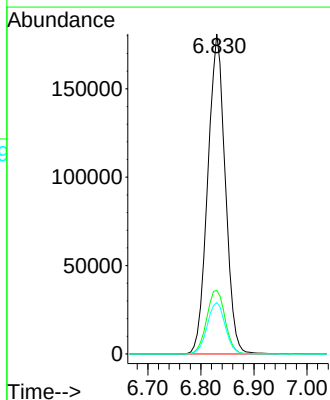
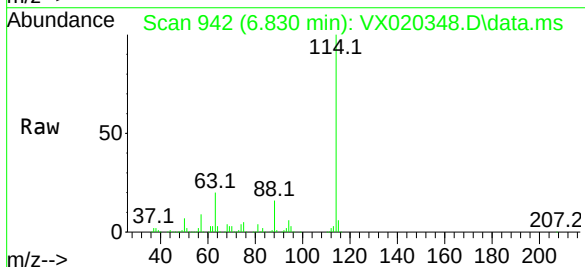
Tgt Ion: 114 Resp: 414368

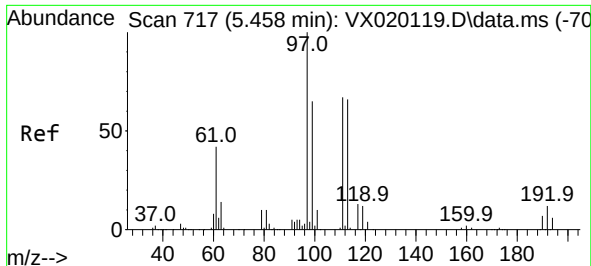
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.0 0.0 32.8

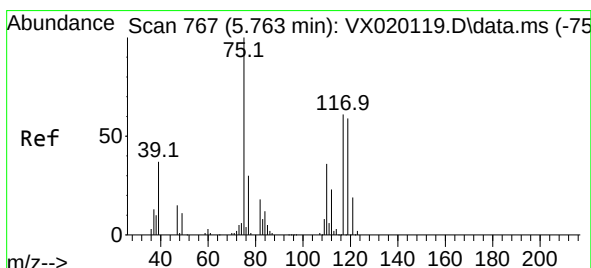
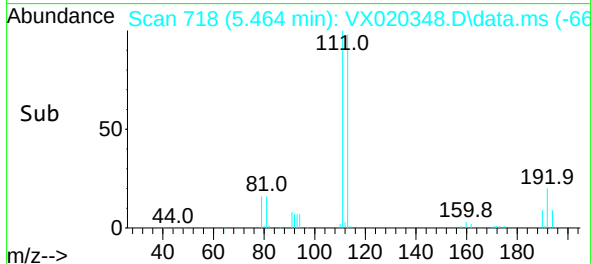
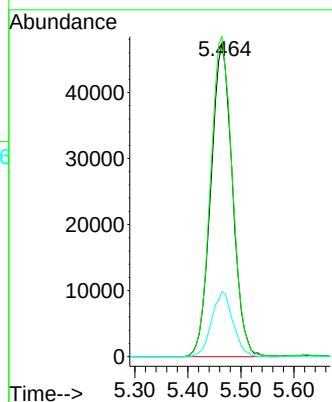
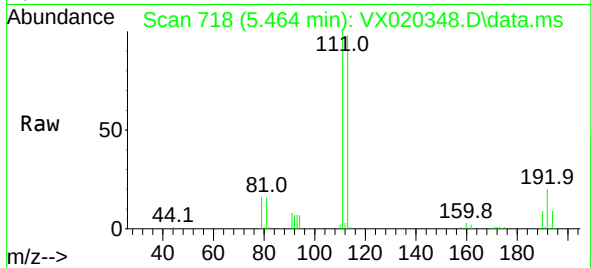




#35
Dibromofluoromethane
Concen: 50.44 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

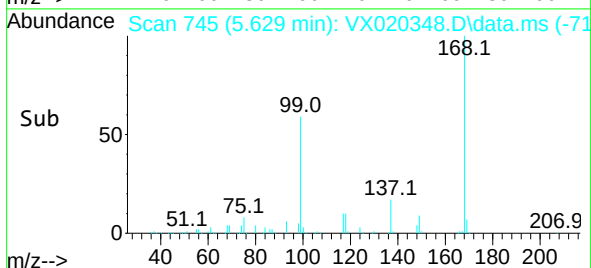
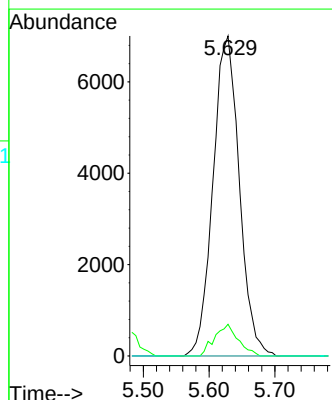
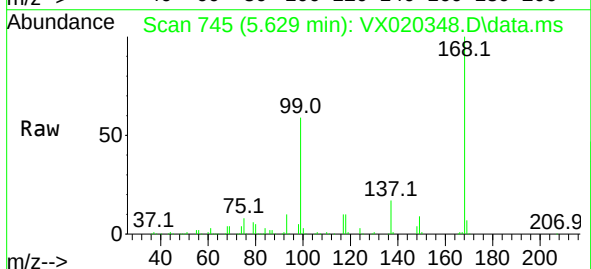
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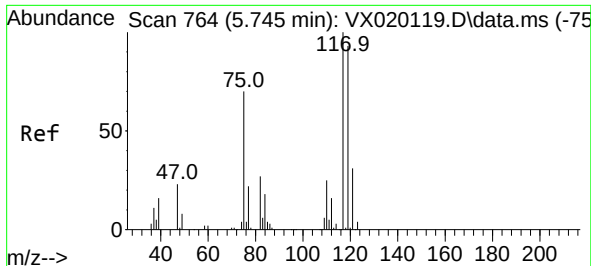
Tgt Ion:113 Resp: 133693
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

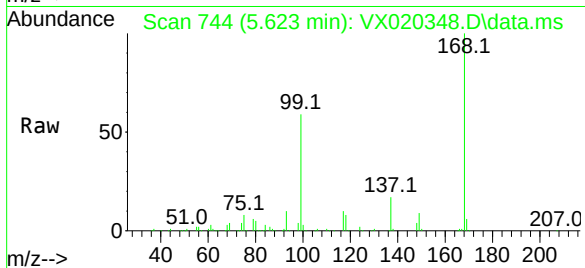
Tgt Ion: 75 Resp: 19524
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



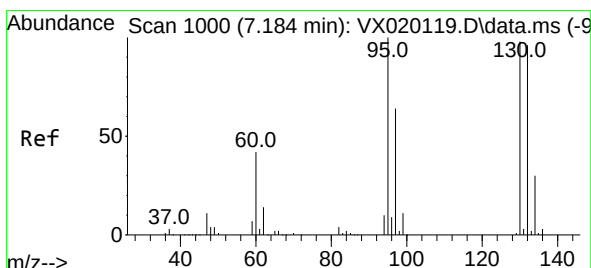
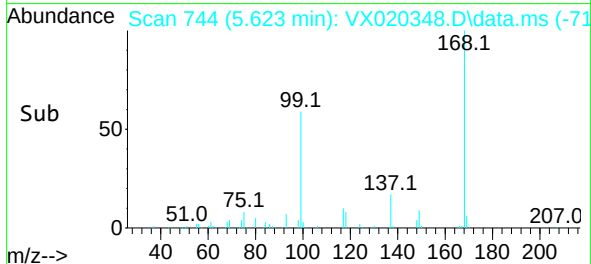
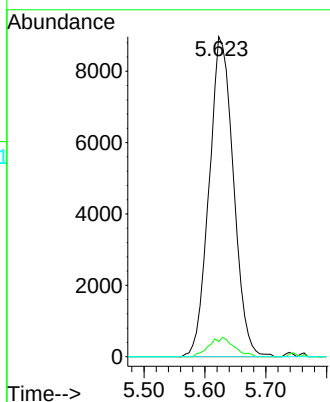


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

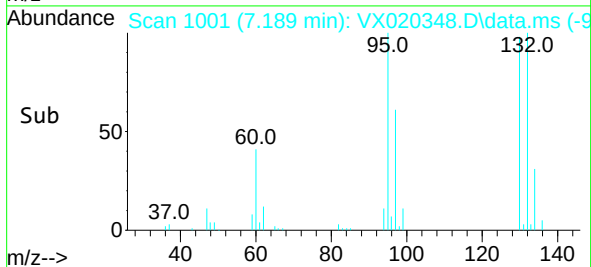
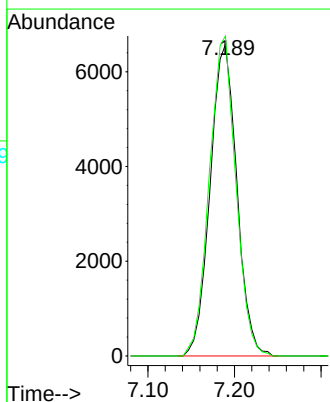
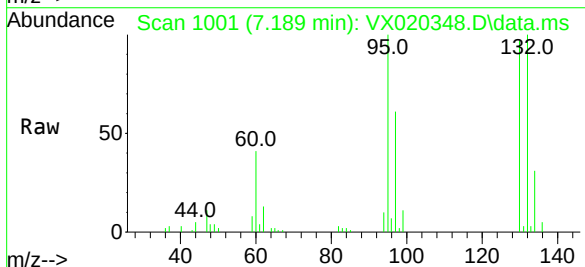


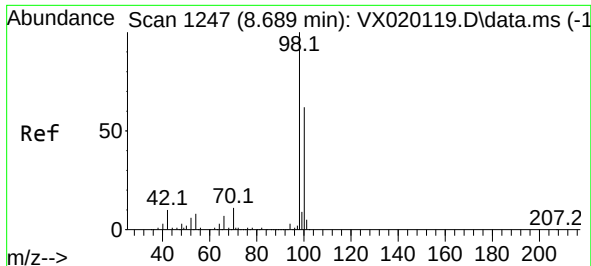
Tgt Ion:117 Resp: 24870
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 4.27 ug/l
RT: 7.189 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion:130 Resp: 14062
Ion Ratio Lower Upper
130 100
95 102.8 0.0 198.0

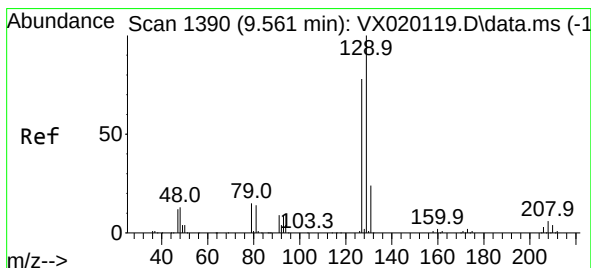
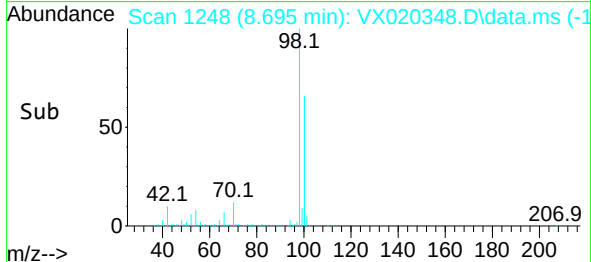
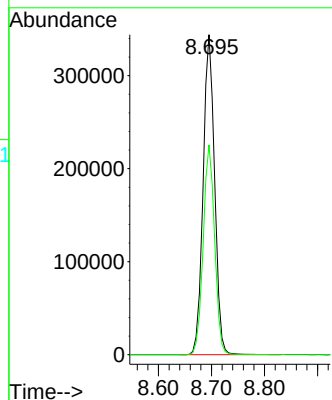
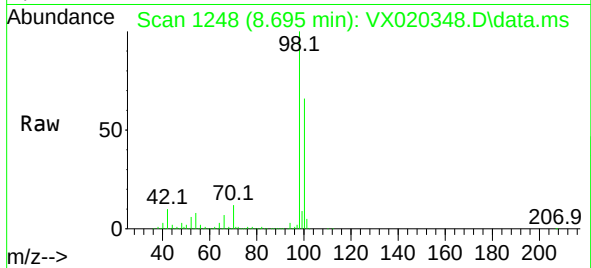




#50
Toluene-d8
Concen: 50.69 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

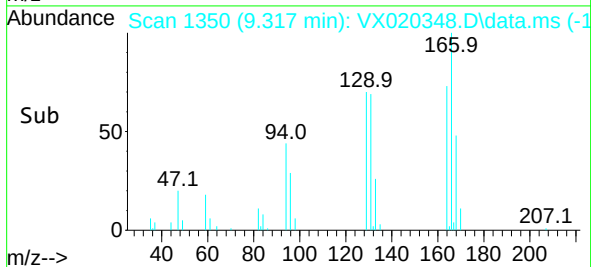
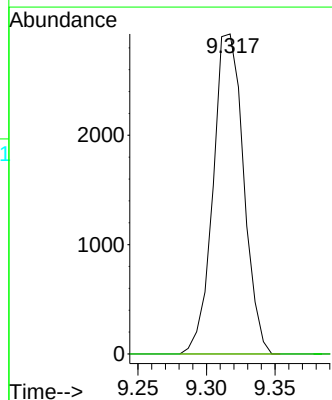
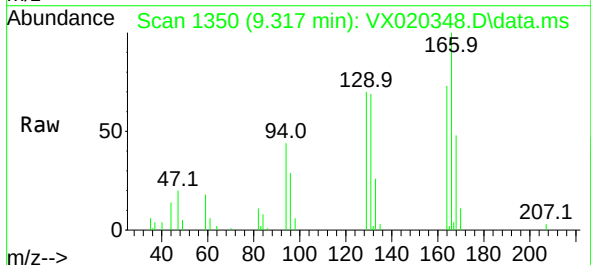
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

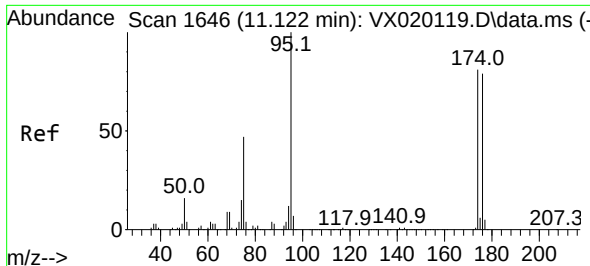
Tgt Ion: 98 Resp: 517173
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#60
Dibromochloromethane
Concen: 1.42 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion: 129 Resp: 4532
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

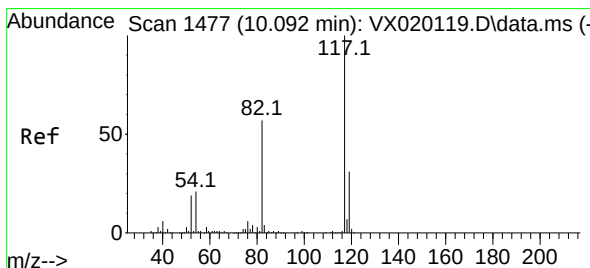
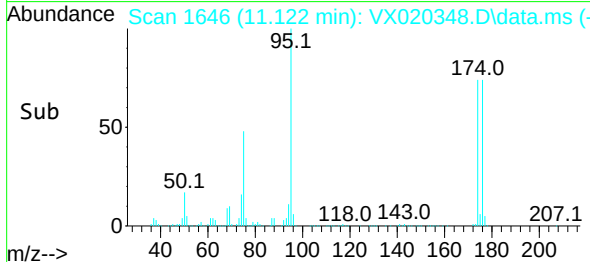
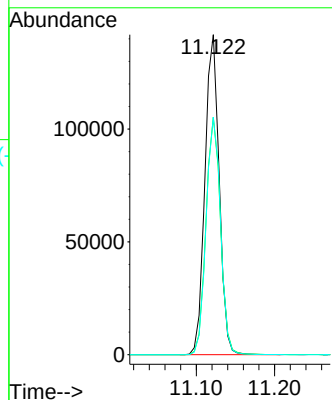
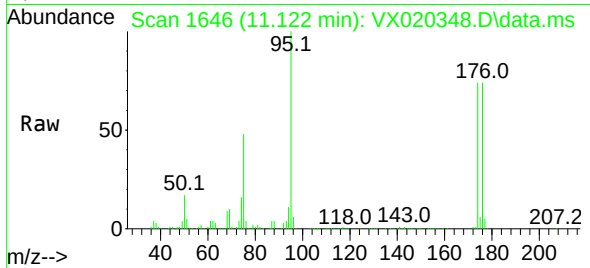




#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

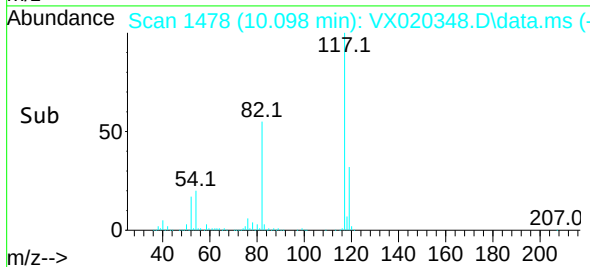
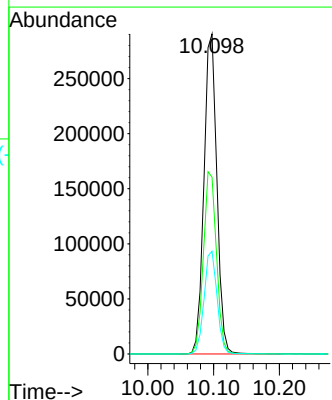
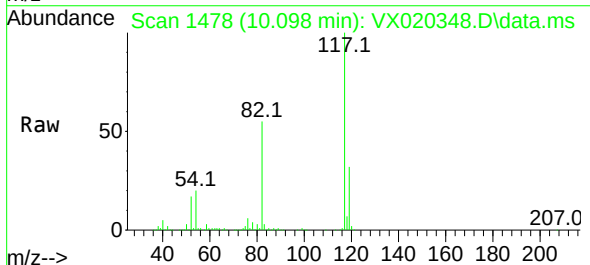
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

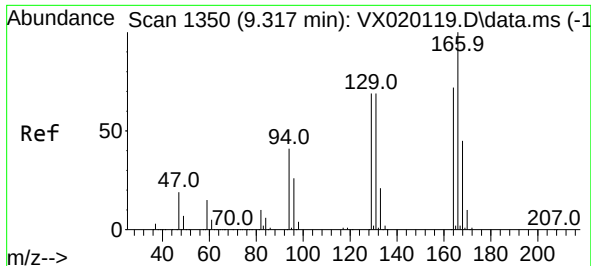
Tgt Ion: 95 Resp: 178870
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

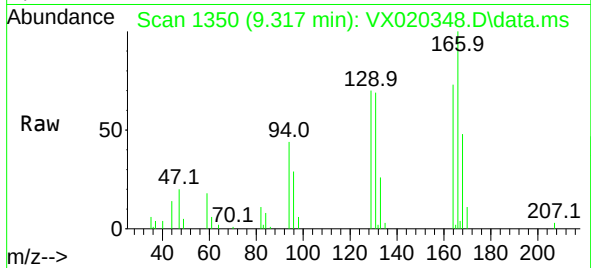
Tgt Ion: 117 Resp: 397002
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.1 26.6 39.8



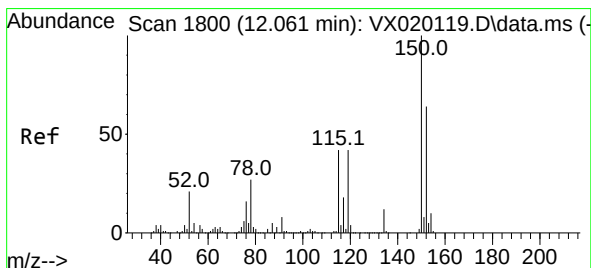
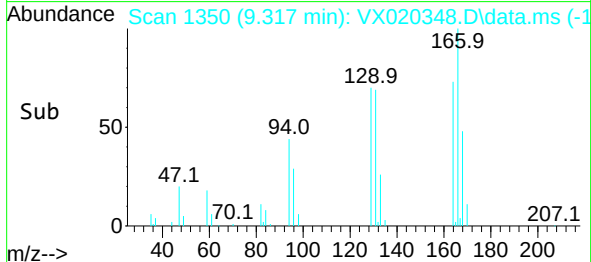
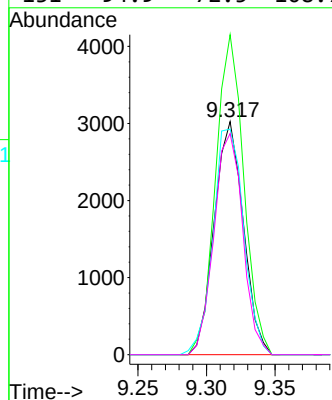


#64
Tetrachloroethene
Concen: 1.50 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

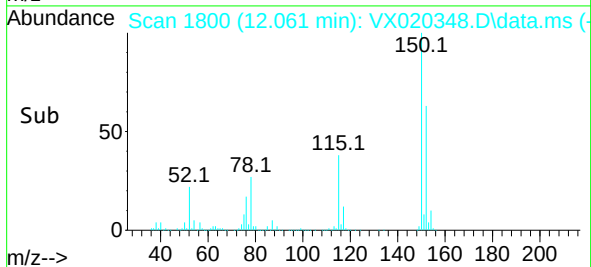
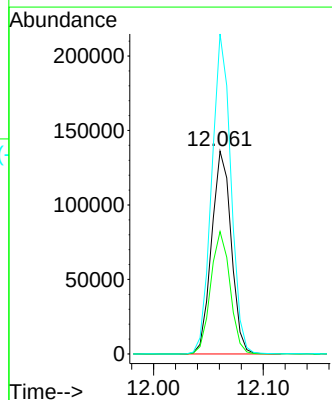
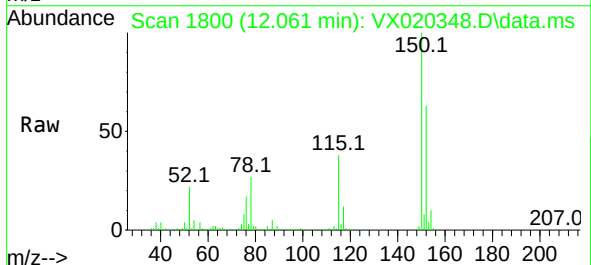


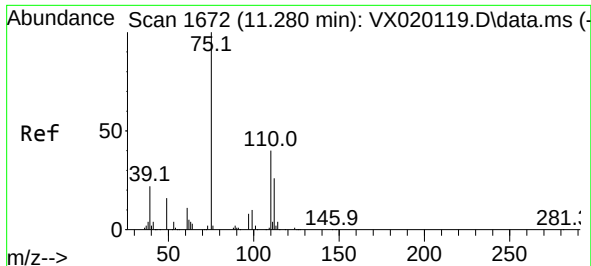
Tgt Ion:	164	Resp:	4472
Ion	Ratio	Lower	Upper
164	100		
166	137.3	103.4	155.2
129	96.8	70.8	106.2
131	94.9	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion:	152	Resp:	169373
Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.1	123.3
150	154.3	0.0	349.0

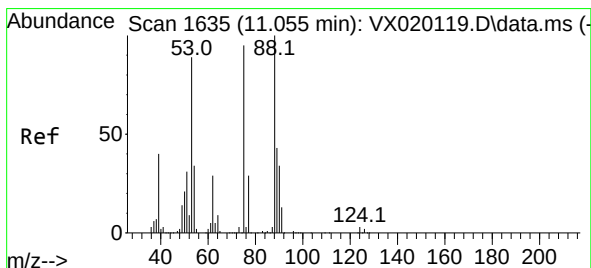
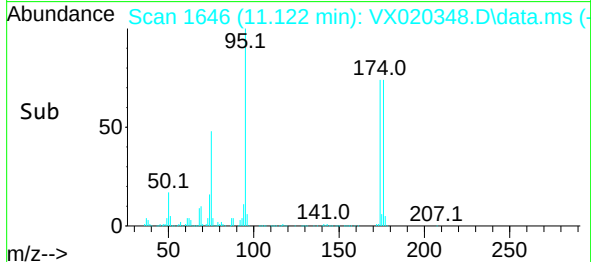
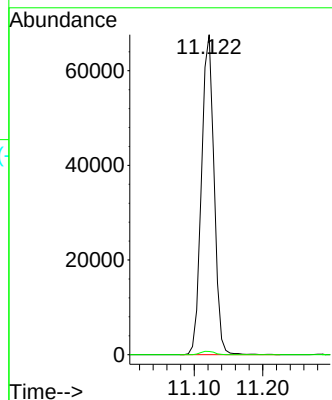
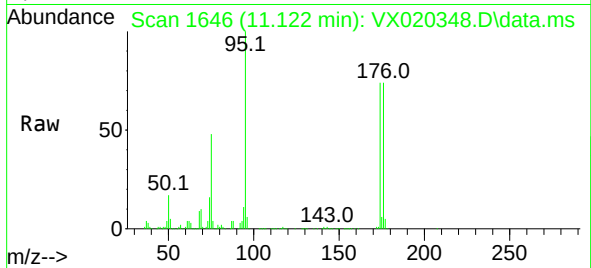




#76
1,2,3-Trichloropropane
Concen: 20.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211DL

Tgt Ion: 75 Resp: 86744
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020348.D
Acq: 23 Dec 2020 19:01

Tgt Ion: 75 Resp: 86744
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

