

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020332.D
 Acq On : 23 Dec 2020 03:10
 Operator : JC/MD
 Sample : L5095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20201211

Quant Time: Dec 23 05:07:07 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)

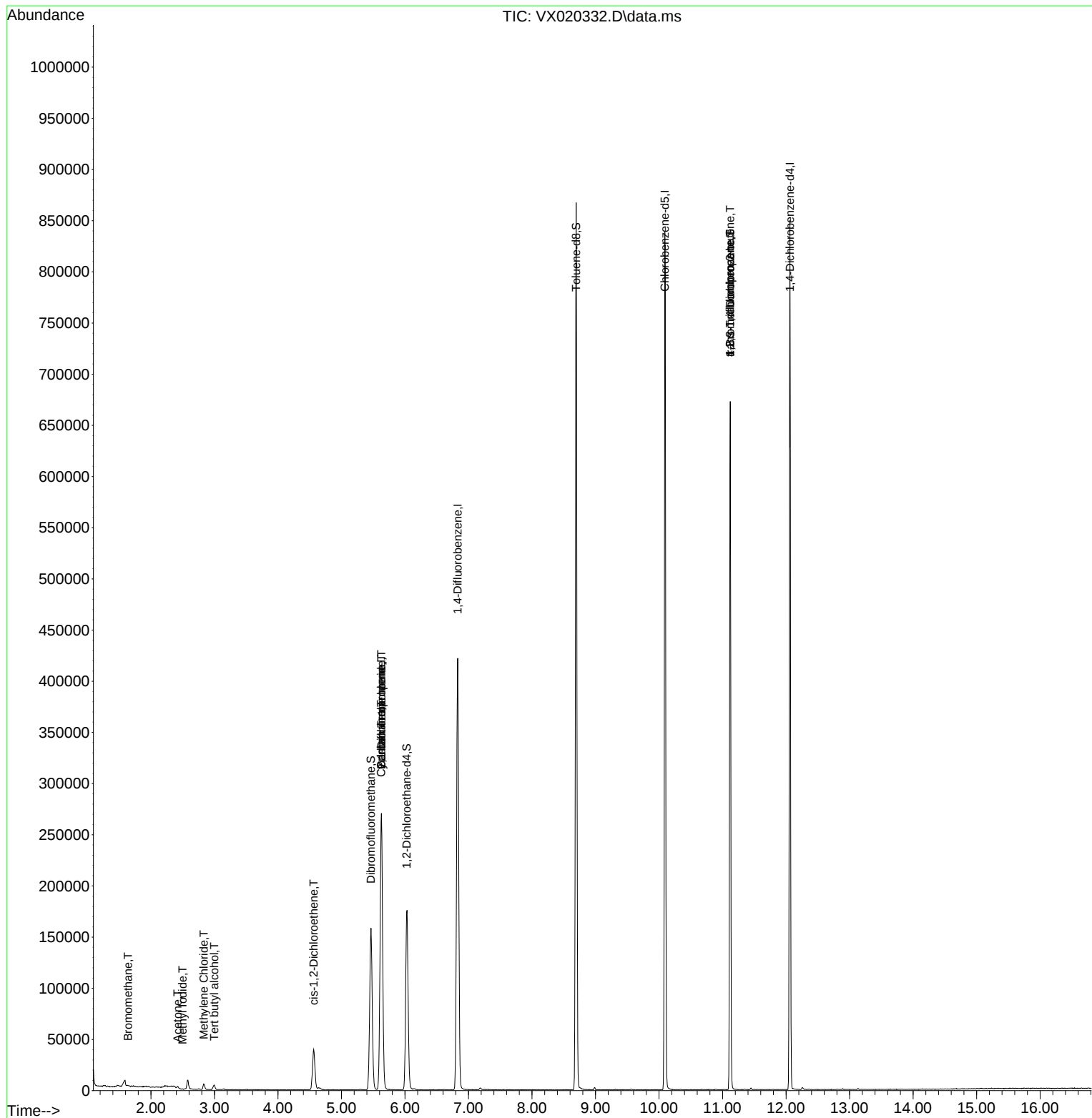
Internal Standards						
1) Pentafluorobenzene	5.629	168	255288	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	400749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	171393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	169447	49.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.04%
35) Dibromofluoromethane	5.464	113	136785	49.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.26%
50) Toluene-d8	8.696	98	515993	48.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.28%
62) 4-Bromofluorobenzene	11.122	95	189398	46.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.30%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	404	0.36	ug/l	89
10) Methyl Iodide	2.495	142	93	3.31	ug/l #	42
11) Tert butyl alcohol	2.995	59	2824	3.69	ug/l #	73
16) Acetone	2.416	43	2203	1.41	ug/l #	88
20) Methylene Chloride	2.831	84	2622	0.75	ug/l	95
27) cis-1,2-Dichloroethene	4.562	96	25631	7.18	ug/l	91
31) Cyclohexane	5.623	56	5122	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19804	4.65	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24892	6.15	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	90165	21.36	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90165	63.36	ug/l #	12

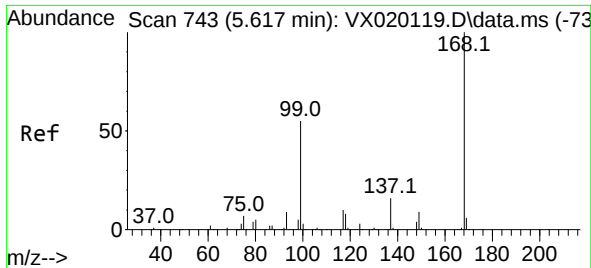
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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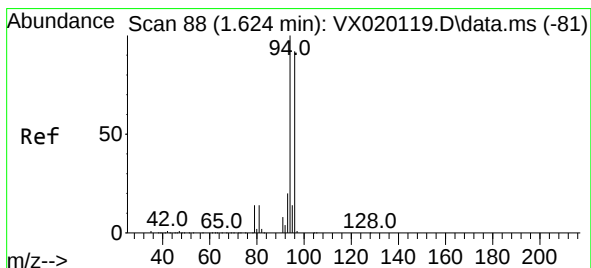
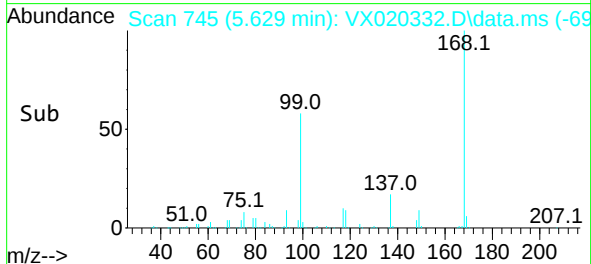
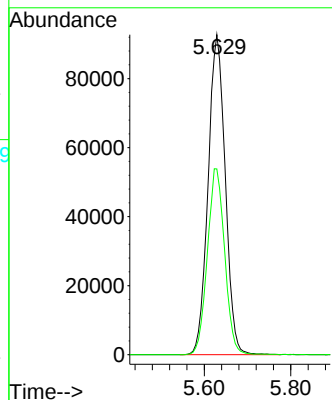
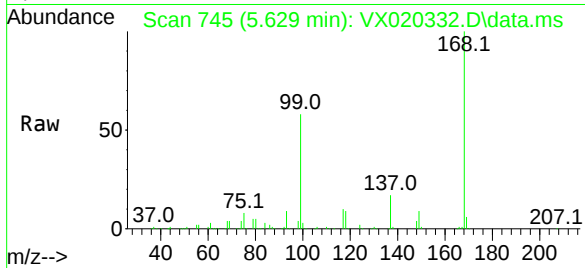




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

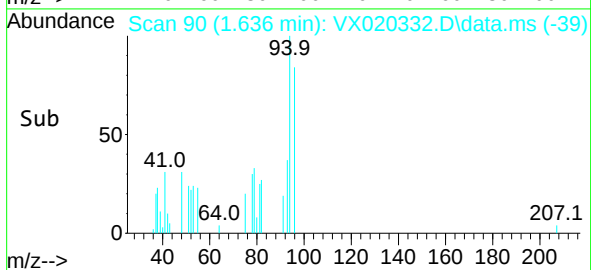
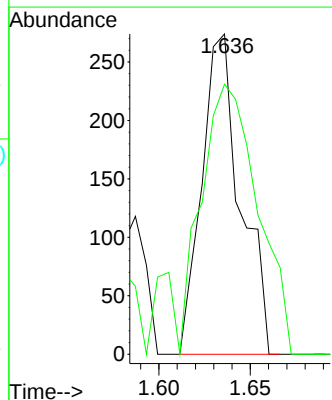
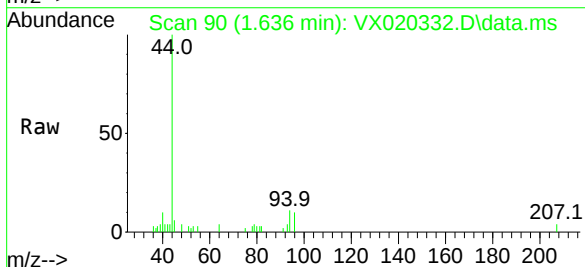
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

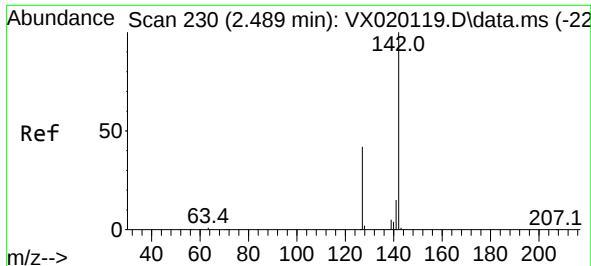
Tgt Ion:168 Resp: 255288
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 84.3 76.4 114.6

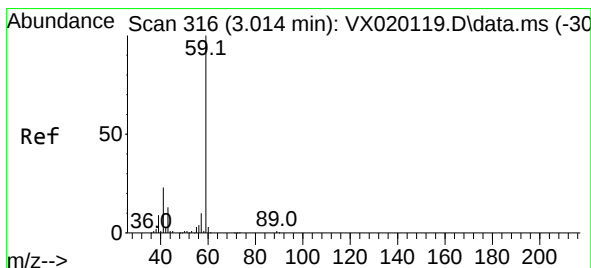
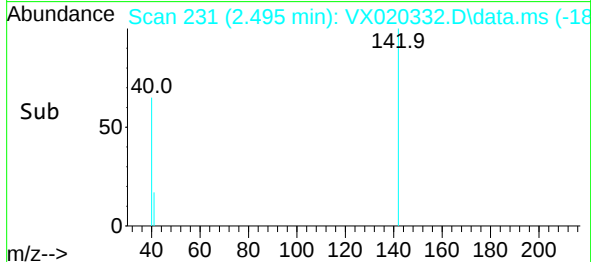
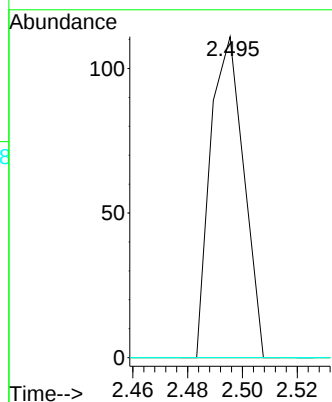
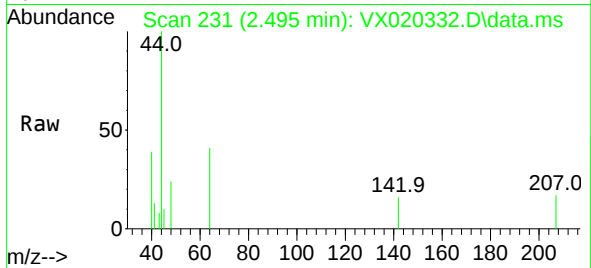




#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

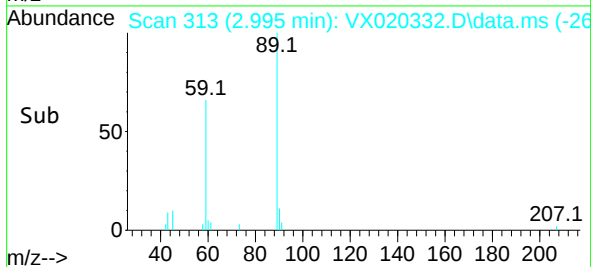
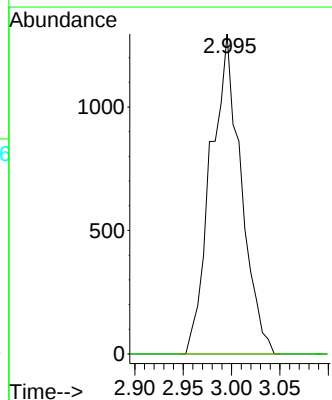
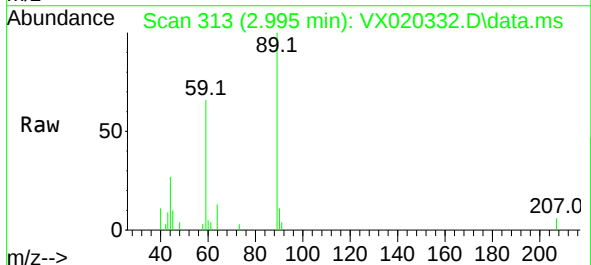
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

Tgt Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.69 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Tgt Ion: 59 Resp: 2824
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

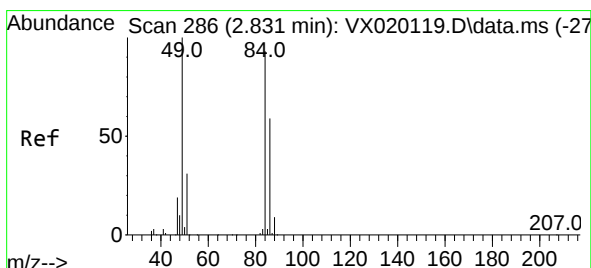
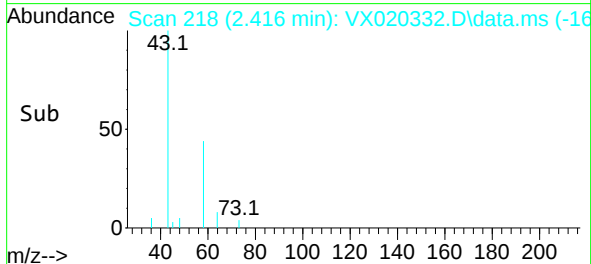
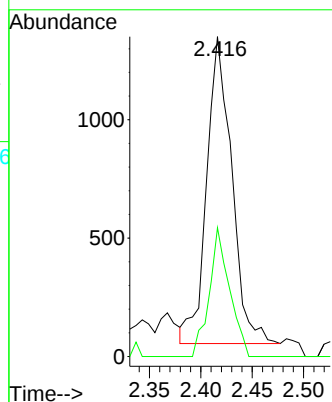
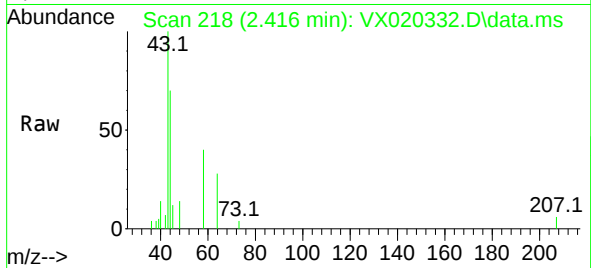




#16
Acetone
Concen: 1.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

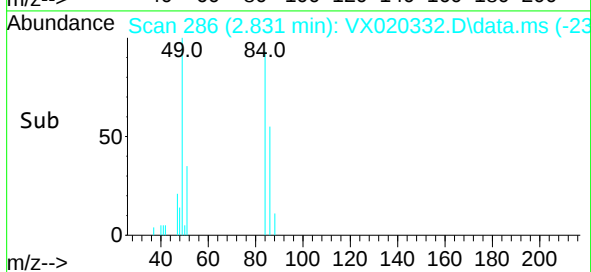
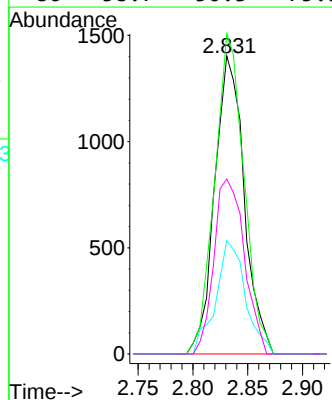
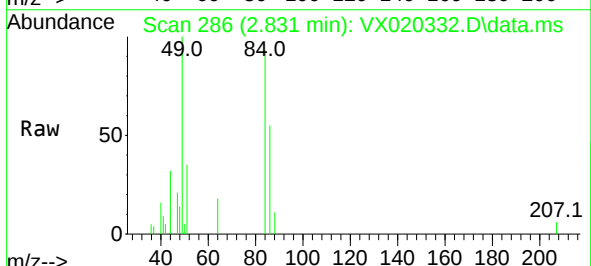
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

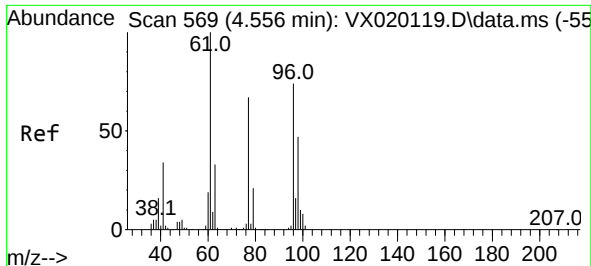
Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
58 42.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Tgt Ion: 84 Resp: 2622
Ion Ratio Lower Upper
84 100
49 107.3 88.6 132.8
51 38.0 27.0 40.6
86 58.7 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 7.18 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020332.D

Acq: 23 Dec 2020 03:10

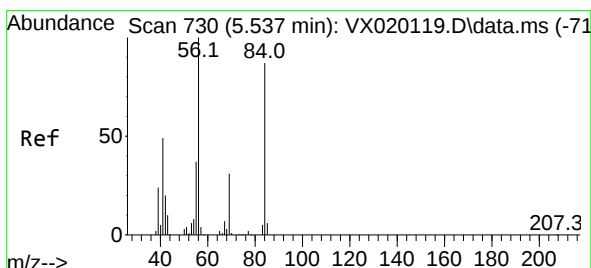
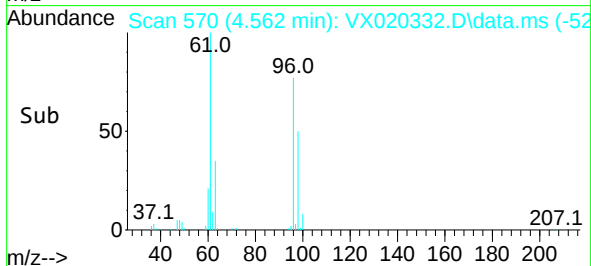
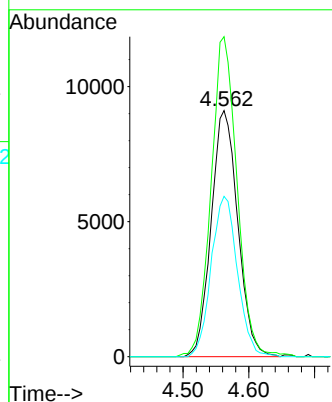
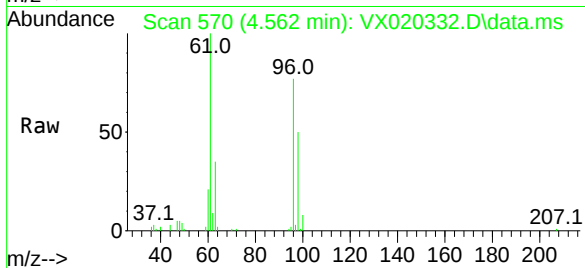
Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20201211

Tgt Ion:	96	Resp:	25631
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	285.6
98	64.4	0.0	129.6



#31

Cyclohexane

Concen: 1.09 ug/l

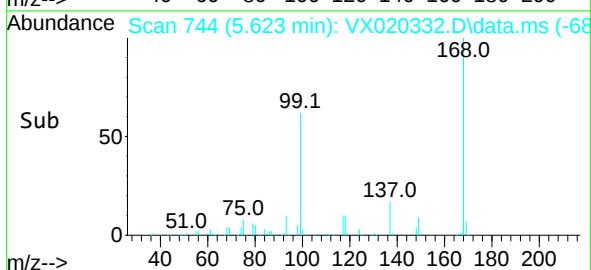
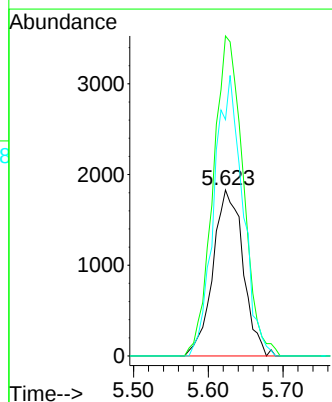
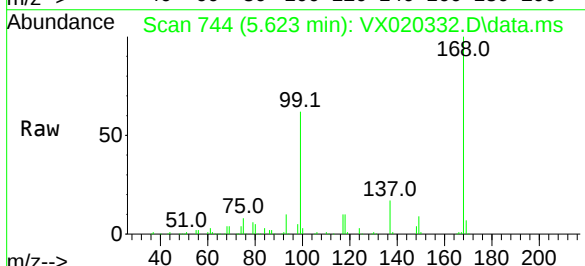
RT: 5.623 min Scan# 744

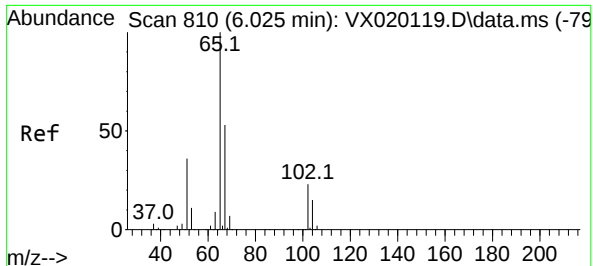
Delta R.T. 0.086 min

Lab File: VX020332.D

Acq: 23 Dec 2020 03:10

Tgt Ion:	56	Resp:	5122
Ion	Ratio	Lower	Upper
56	100		
69	192.9	25.3	37.9#
84	142.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.52 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020332.D

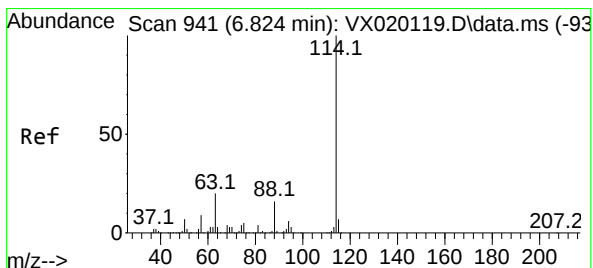
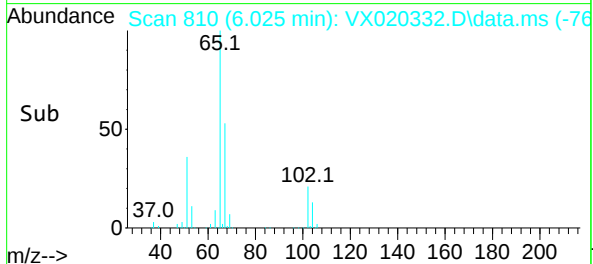
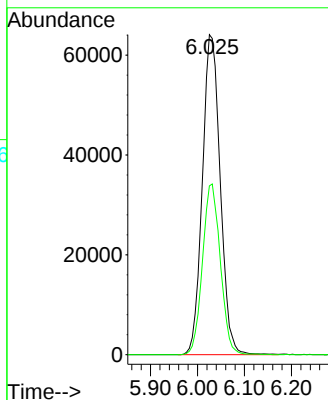
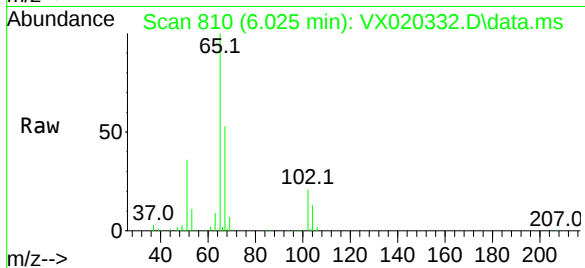
Acq: 23 Dec 2020 03:10

Tgt Ion: 65 Resp: 169447

Ion Ratio Lower Upper

65 100

67 53.2 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: VX020332.D

Acq: 23 Dec 2020 03:10

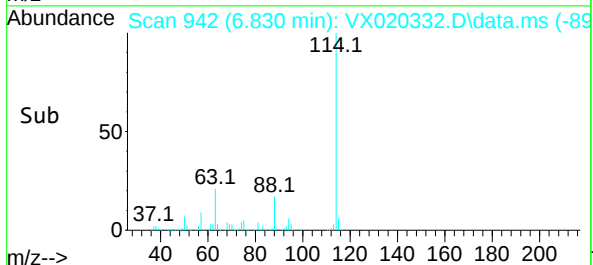
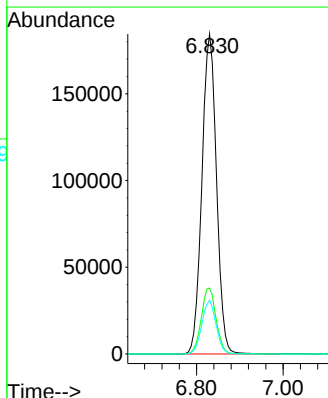
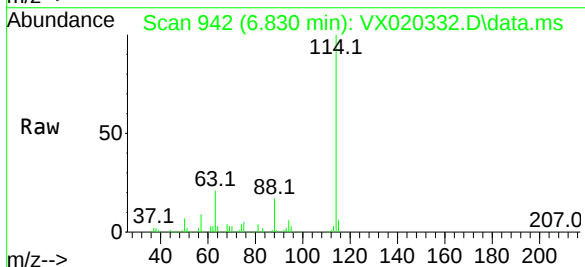
Tgt Ion: 114 Resp: 430828

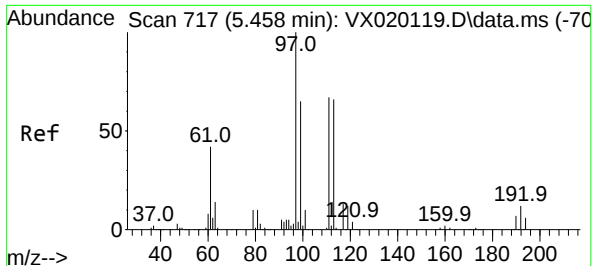
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

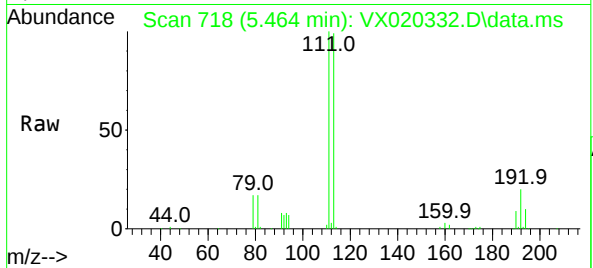
88 16.7 0.0 32.8



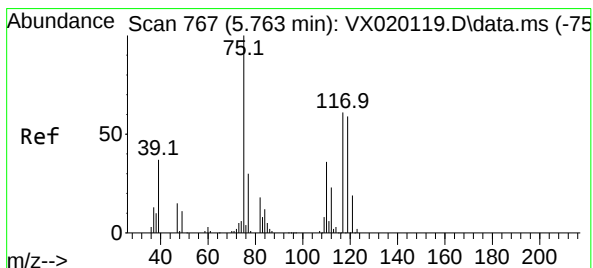
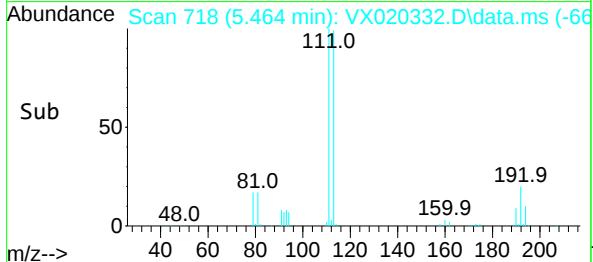
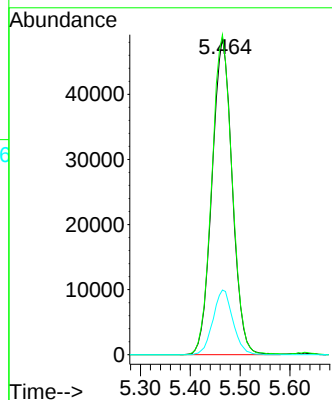


#35
Dibromofluoromethane
Concen: 49.63 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
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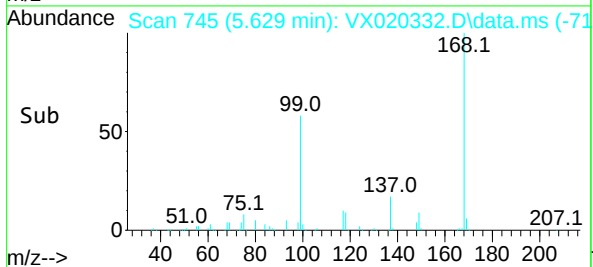
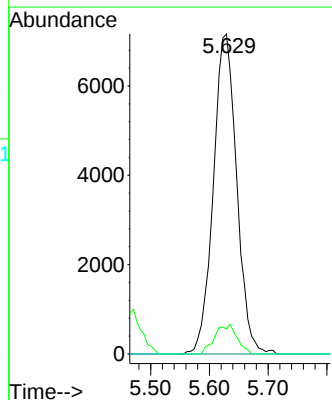
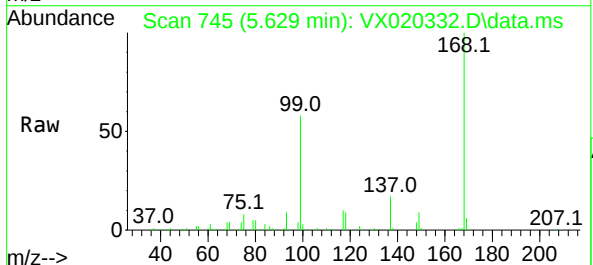


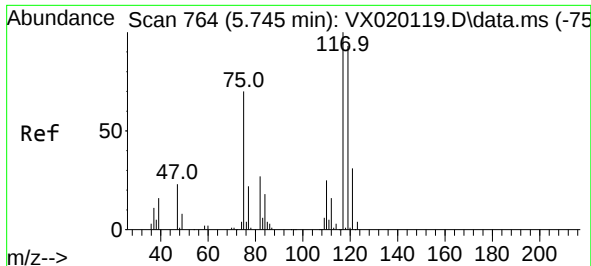
Tgt Ion:113 Resp: 136785
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

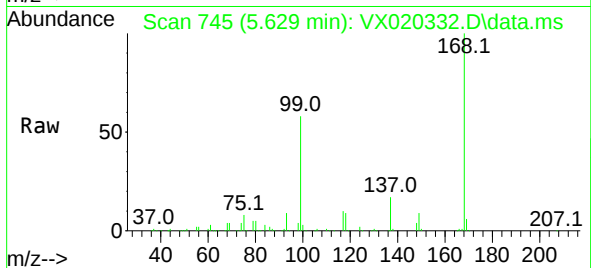
Tgt Ion: 75 Resp: 19804
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



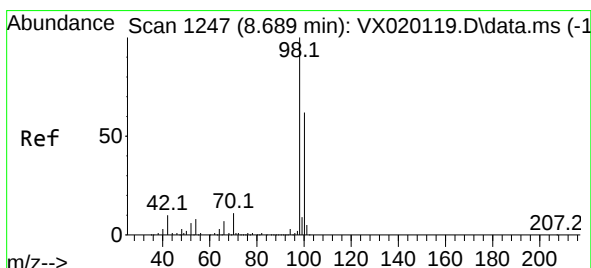
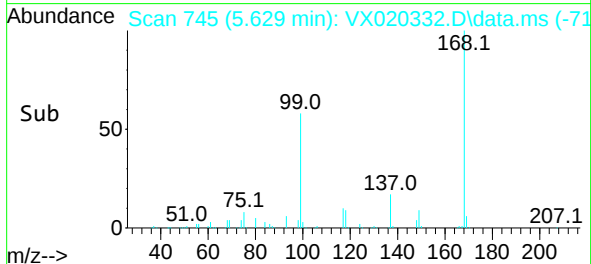
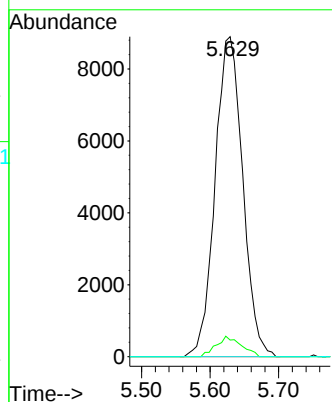


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

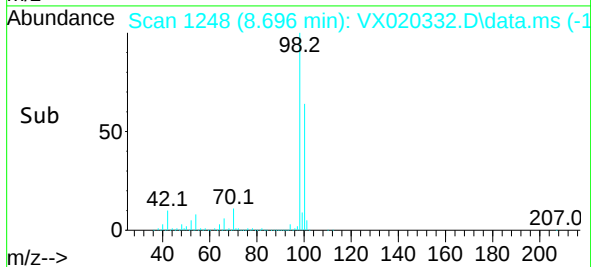
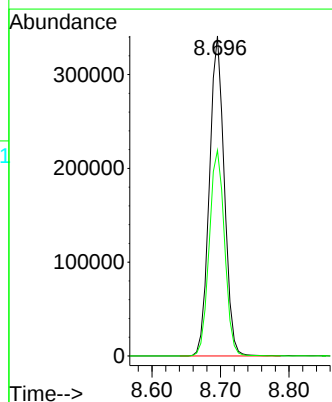
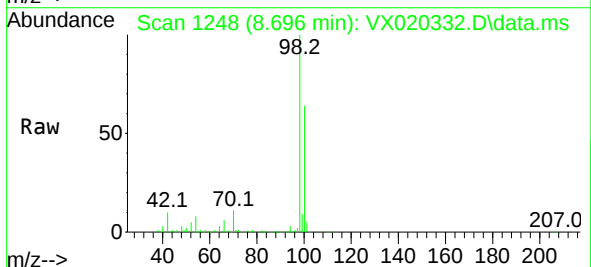


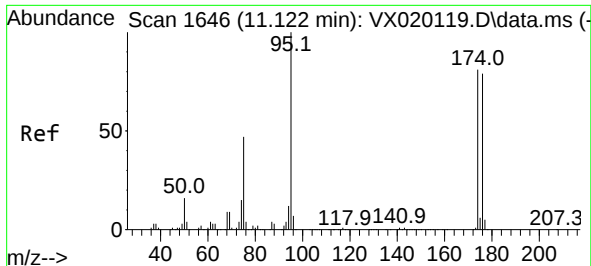
Tgt Ion:117 Resp: 24892
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.64 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Tgt Ion: 98 Resp: 515993
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

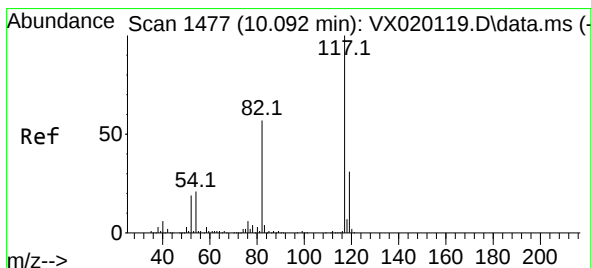
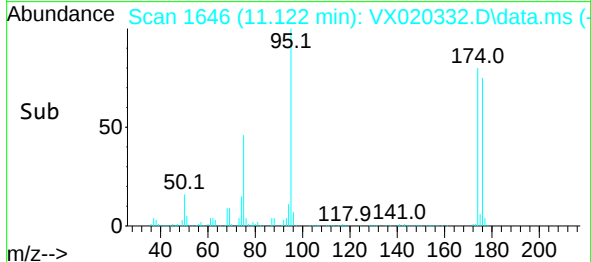
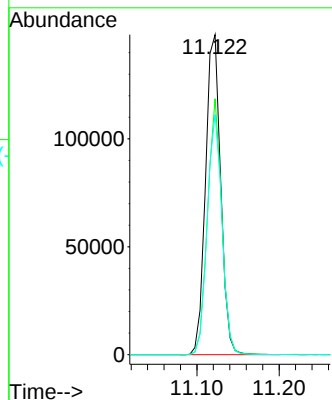
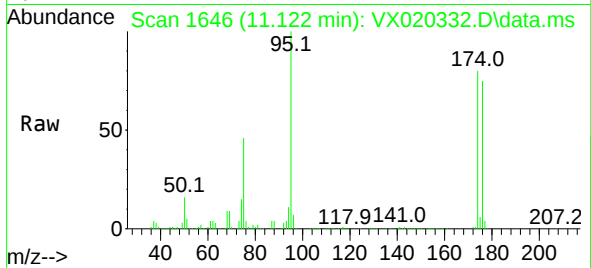




#62
4-Bromofluorobenzene
Concen: 46.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

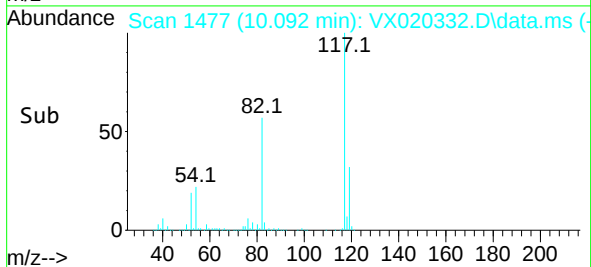
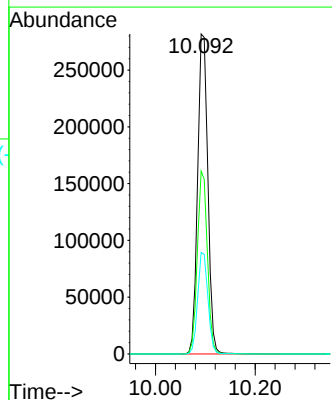
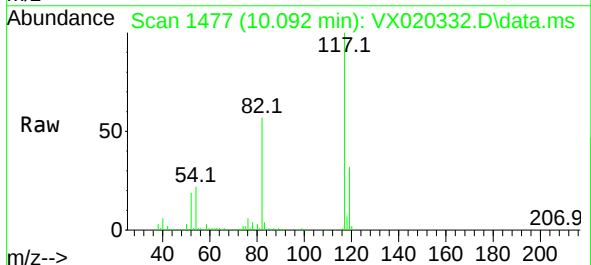
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

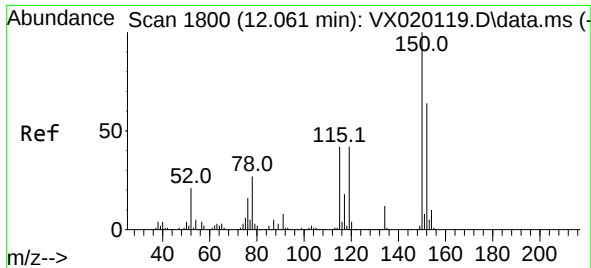
Tgt Ion: 95 Resp: 189398
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

Tgt Ion: 117 Resp: 400749
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.7 26.6 39.8

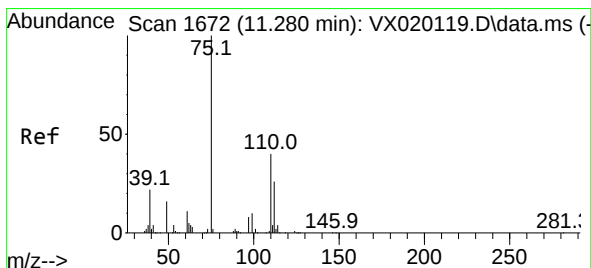
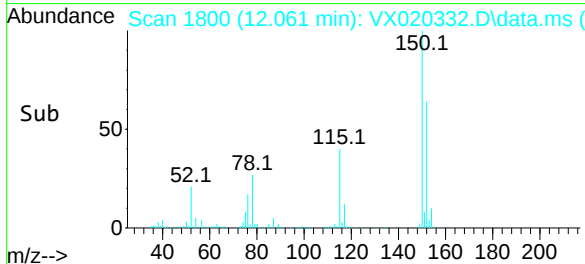
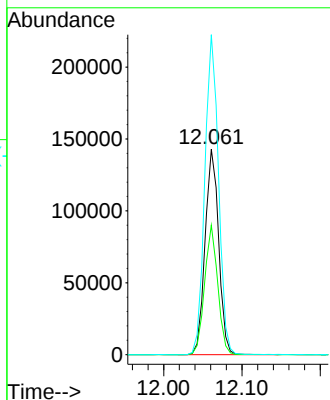
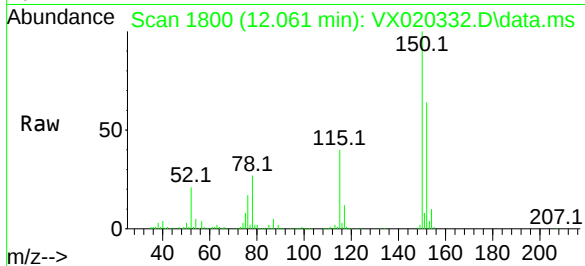




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

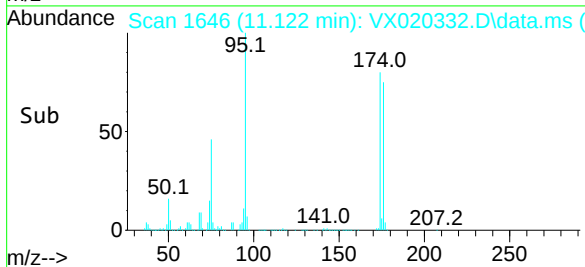
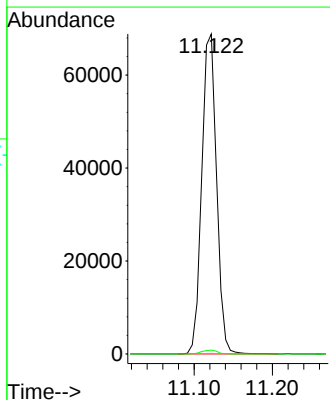
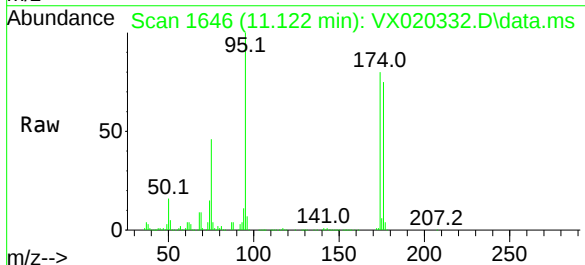
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20201211

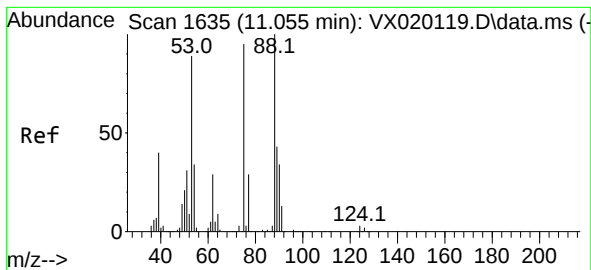
Tgt Ion:152 Resp: 171393
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.36 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020332.D
Acq: 23 Dec 2020 03:10

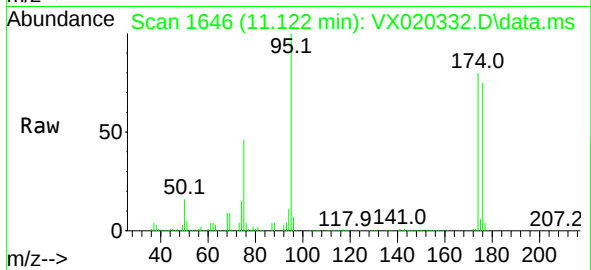
Tgt Ion: 75 Resp: 90165
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.36 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020332.D
 Acq: 23 Dec 2020 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20201211



Tgt Ion: 75 Resp: 90165
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

