

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020349.D
 Acq On : 23 Dec 2020 19:24
 Operator : JC/MD
 Sample : L5124-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20201211DL

Quant Time: Dec 24 00:21:12 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)

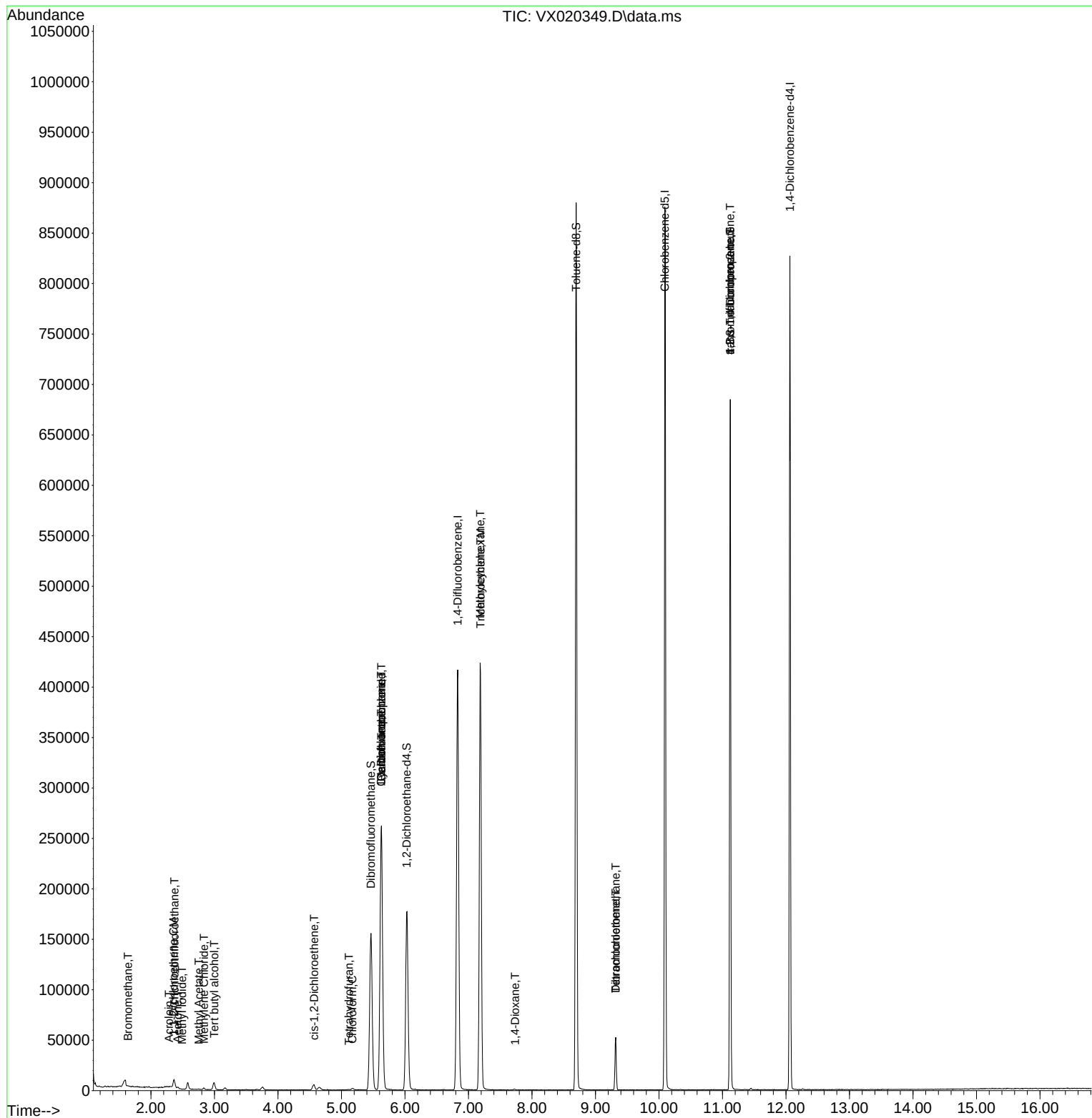
Internal Standards						
1) Pentafluorobenzene	5.629	168	248571	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	420861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	410021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	169822	50.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.94%			
35) Dibromofluoromethane	5.465	113	135700	50.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.80%			
50) Toluene-d8	8.696	98	519626	50.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.28%			
62) 4-Bromofluorobenzene	11.122	95	185185	46.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.38%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	366	0.34	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.368	101	2449	0.99	ug/l	95
10) Methyl Iodide	2.489	142	23	3.29	ug/l #	42
11) Tert butyl alcohol	2.995	59	4299	5.76	ug/l #	76
12) 1,1-Dichloroethene	2.355	96	659	0.26	ug/l	95
13) Acrolein	2.282	56	117	0.25	ug/l #	14
16) Acetone	2.416	43	1723	1.13	ug/l	92
18) Methyl Acetate	2.752	43	784	0.23	ug/l #	65
20) Methylene Chloride	2.837	84	686	0.20	ug/l	95
27) cis-1,2-Dichloroethene	4.568	96	3715	1.07	ug/l	86
29) Tetrahydrofuran	5.117	42	363	0.26	ug/l #	27
30) Chloroform	5.172	83	1926	0.35	ug/l	94
31) Cyclohexane	5.623	56	4955	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19236	4.62	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24853	6.28	ug/l #	18
39) Methylcyclohexane	7.184	83	2083	0.43	ug/l #	1
44) Trichloroethene	7.190	130	166665	49.80	ug/l	100
49) 1,4-Dioxane	7.732	88	500	6.39	ug/l #	89
60) Dibromochloromethane	9.318	129	9565	2.96	ug/l #	11
64) Tetrachloroethene	9.318	164	10012	3.24	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	90182	22.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90182	65.44	ug/l #	12

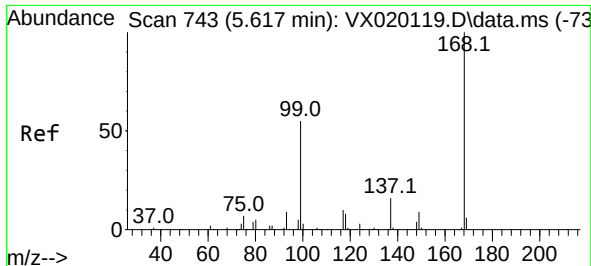
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020349.D
Acq On : 23 Dec 2020 19:24
Operator : JC/MD
Sample : L5124-04DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

Quant Time: Dec 24 00:21:12 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

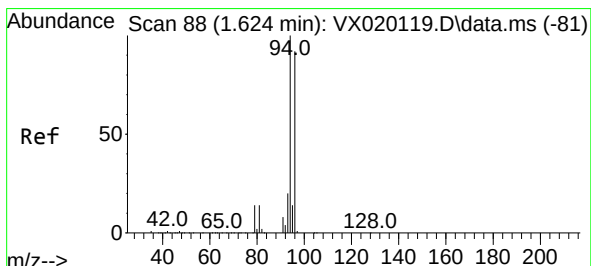
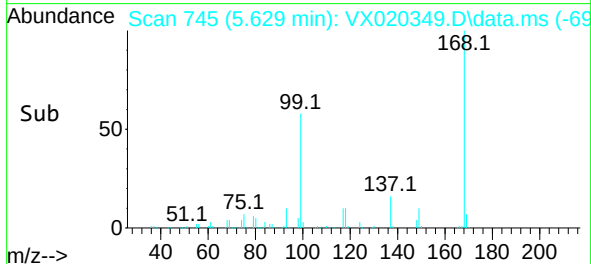
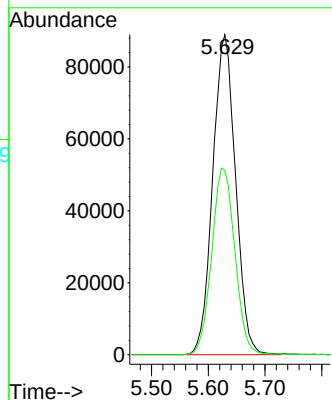
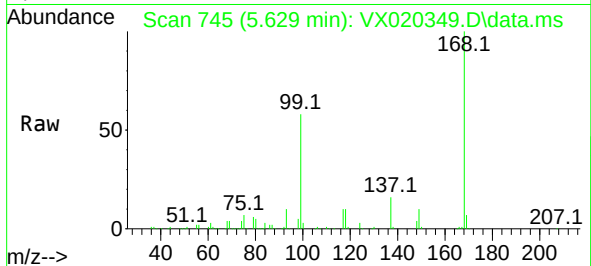




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

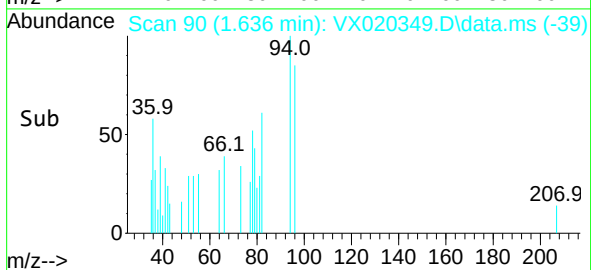
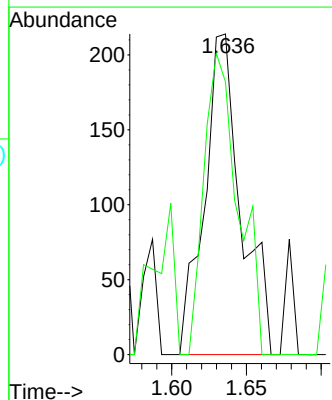
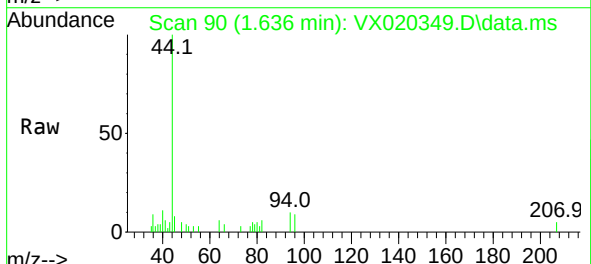
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

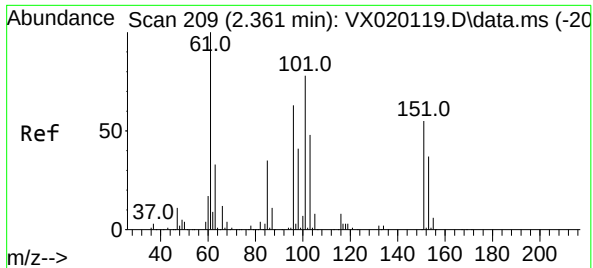
Tgt Ion:168 Resp: 248571
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 85.0 76.4 114.6

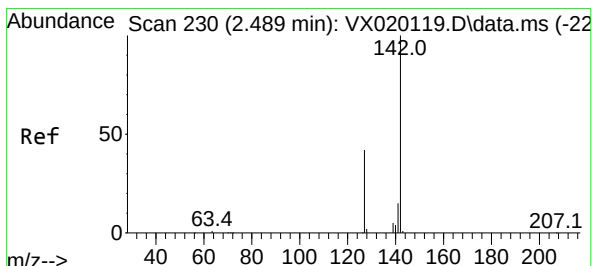
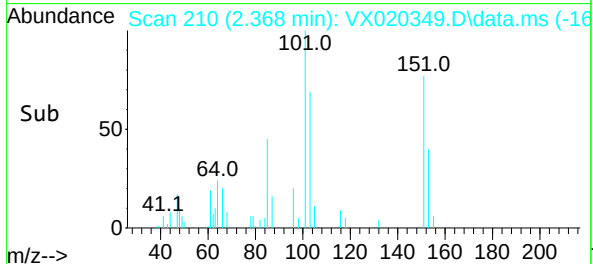
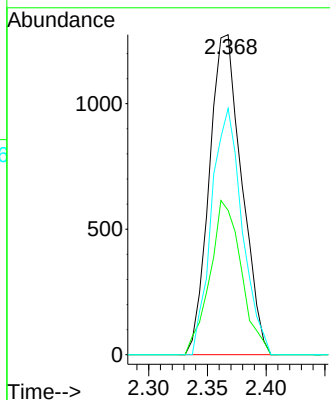
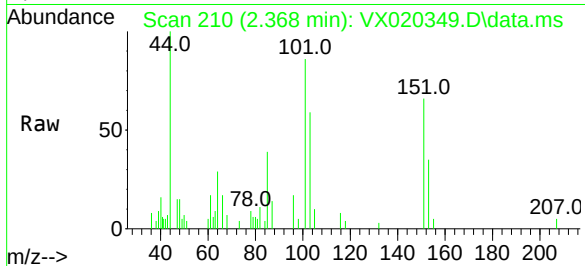




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.99 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

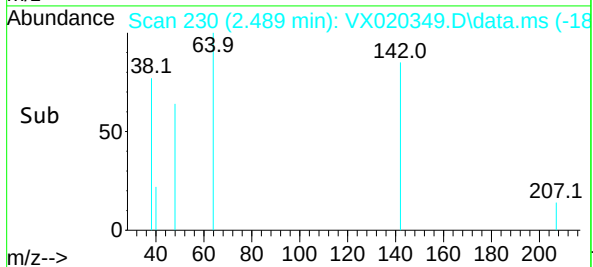
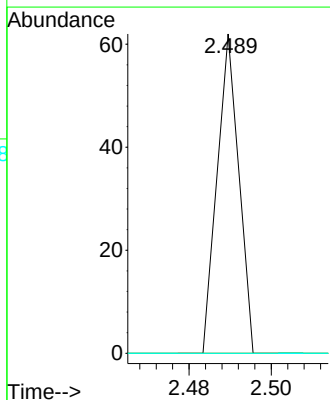
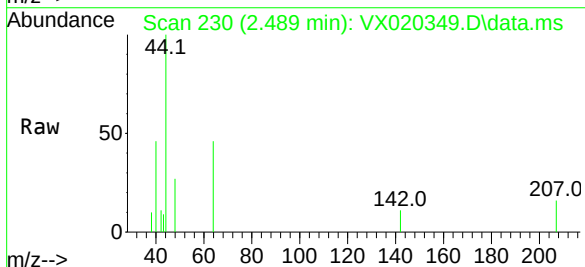
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

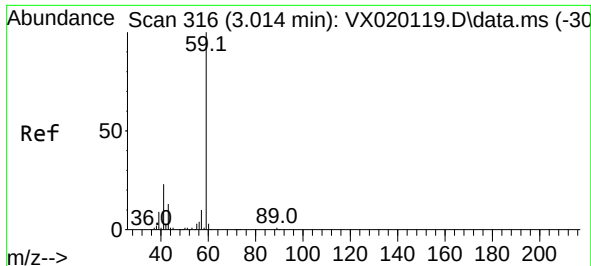
Tgt Ion:	101	Resp:	2449
Ion	Ratio	Lower	Upper
101	100		
85	46.7	34.9	52.3
151	72.8	61.4	92.2



#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

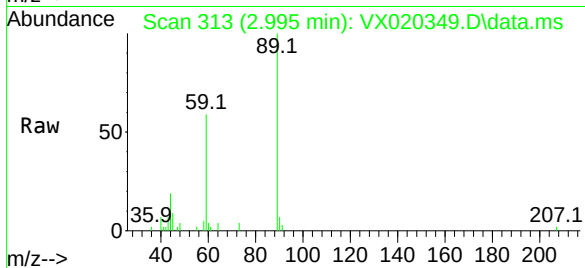
Tgt Ion:	142	Resp:	23
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



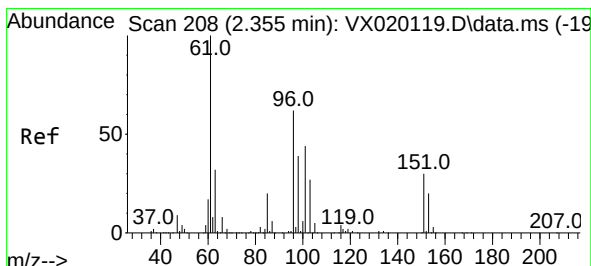
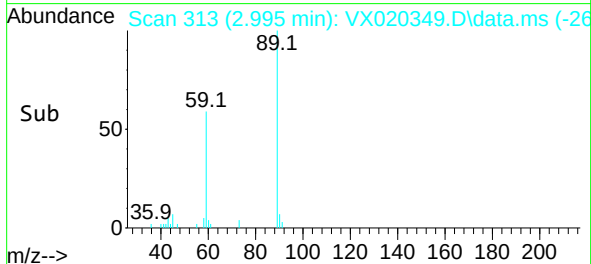
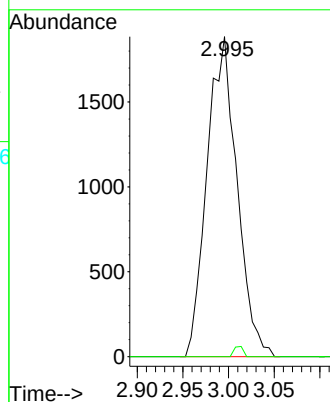


#11
Tert butyl alcohol
Concen: 5.76 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

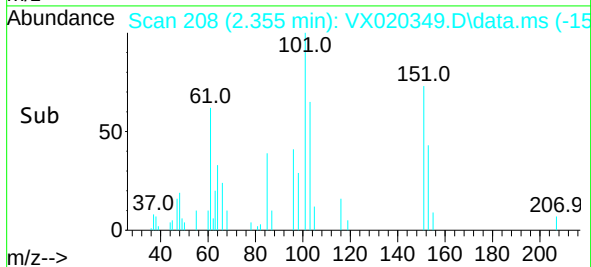
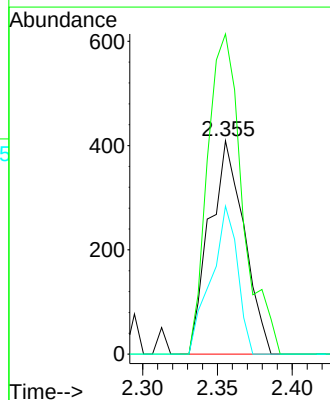
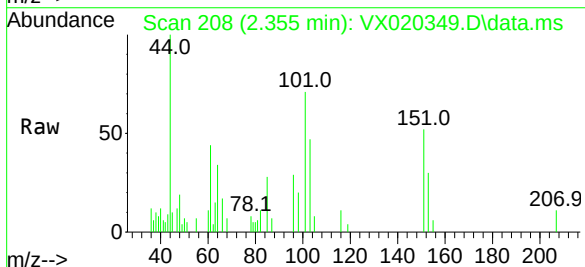


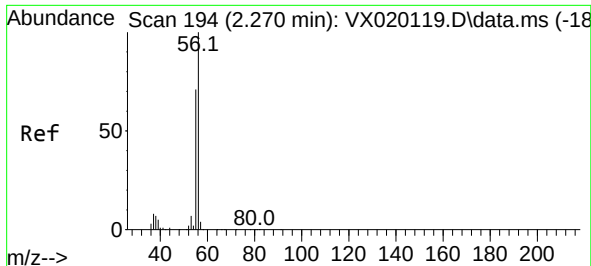
Tgt Ion: 59 Resp: 4299
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.26 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 150.1 124.6 187.0
98 69.4 50.6 76.0

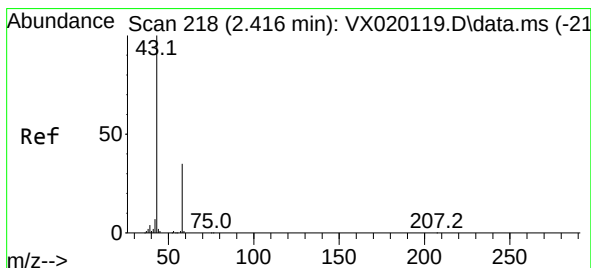
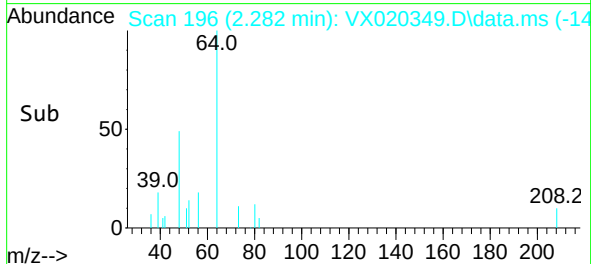
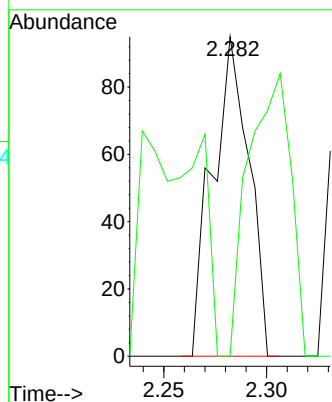
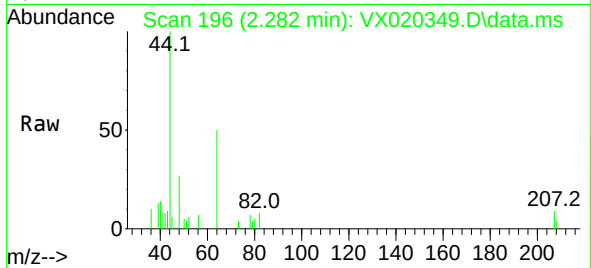




#13
Acrolein
Concen: 0.25 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

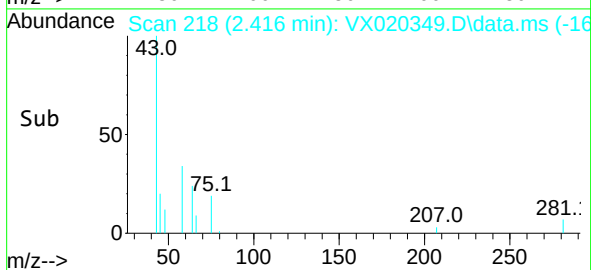
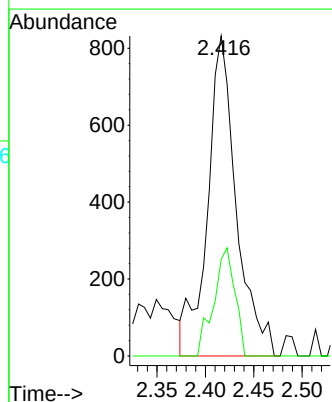
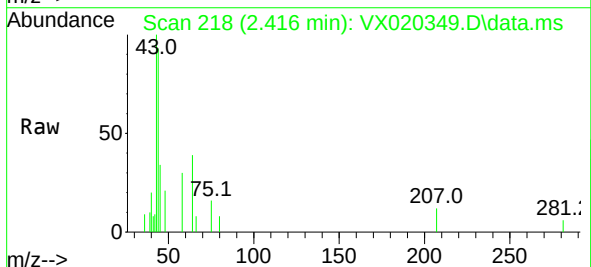
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

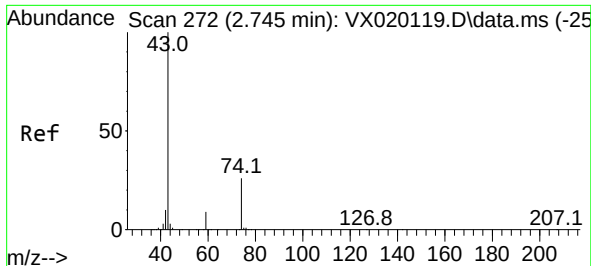
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.13 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8





#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.007 min

Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

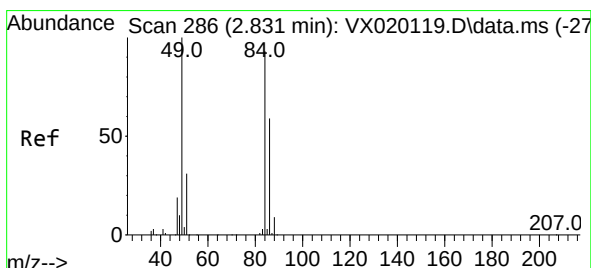
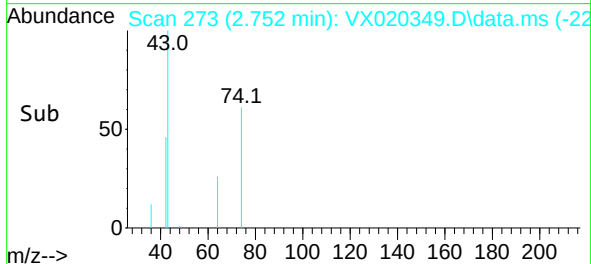
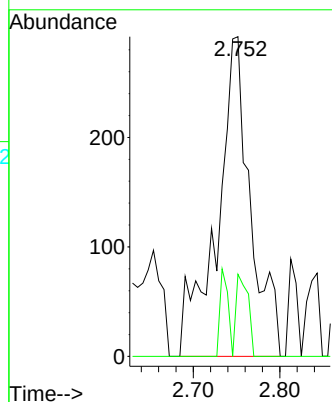
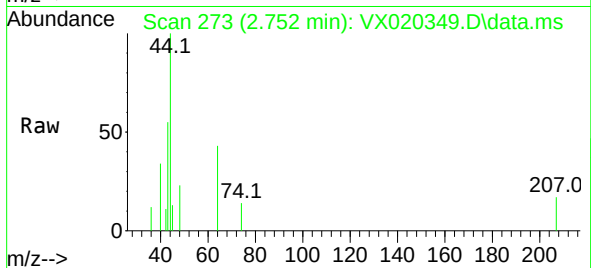
RE131D1-20201211DL

Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

43 100

74 9.2 21.9 32.9#



#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

Tgt Ion: 84 Resp: 686

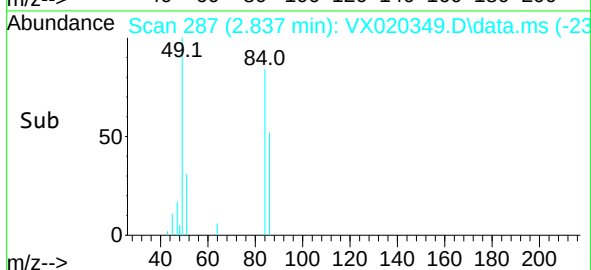
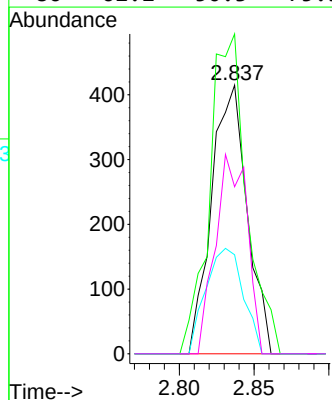
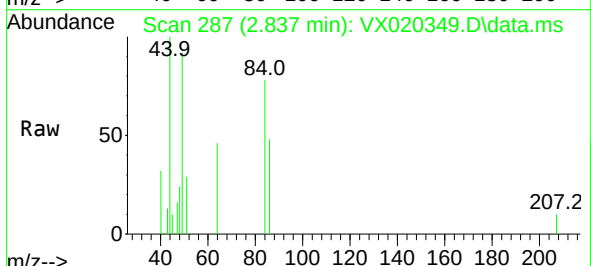
Ion Ratio Lower Upper

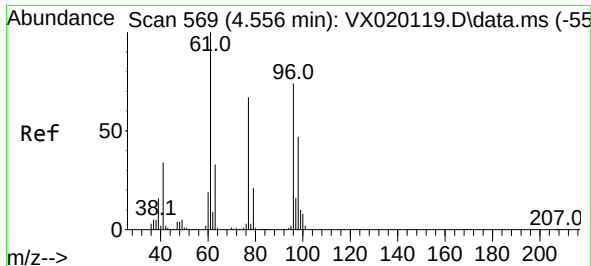
84 100

49 119.0 88.6 132.8

51 36.9 27.0 40.6

86 62.2 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 1.07 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

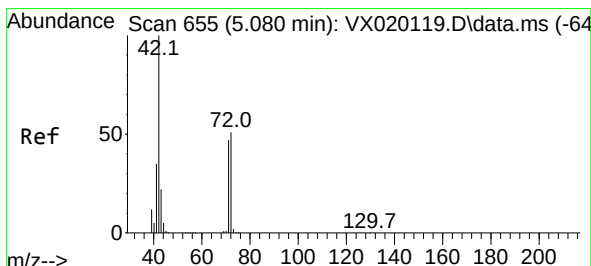
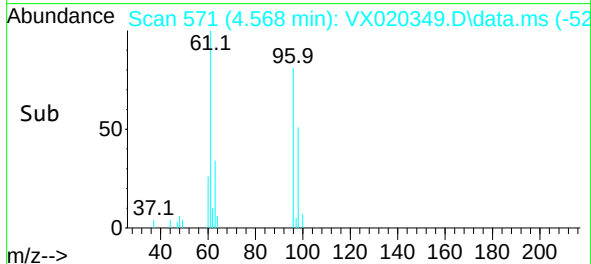
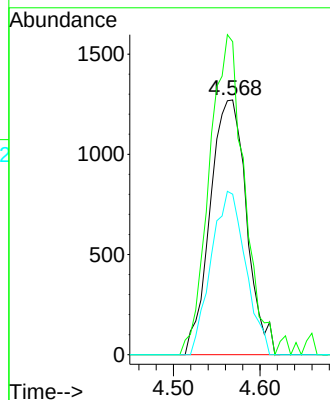
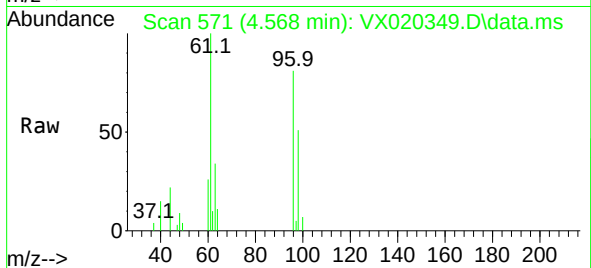
Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20201211DL

Tgt Ion: 96	Resp:	3715
Ion	Ratio	Lower Upper
96	100	
61	120.5	0.0 285.6
98	60.4	0.0 129.6



#29

Tetrahydrofuran

Concen: 0.26 ug/l

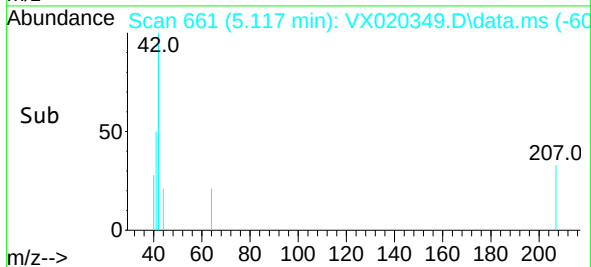
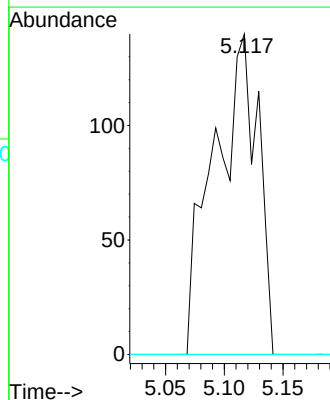
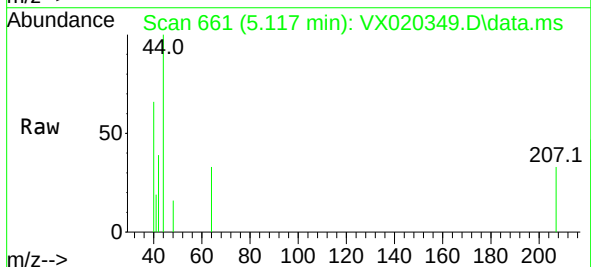
RT: 5.117 min Scan# 661

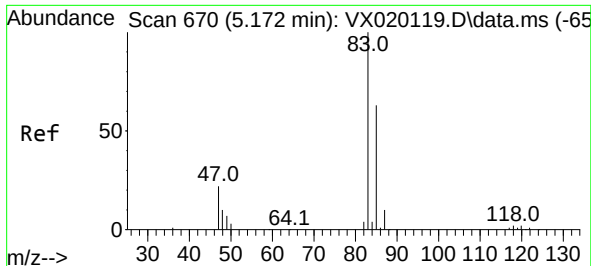
Delta R.T. 0.037 min

Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

Tgt Ion: 42	Resp:	363
Ion	Ratio	Lower Upper
42	100	
72	0.0	41.7 62.5#
71	0.0	38.4 57.6#





#30

Chloroform

Concen: 0.35 ug/l

RT: 5.172 min Scan# 670

Delta R.T. -0.000 min

Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

Tgt Ion: 83 Resp: 1926

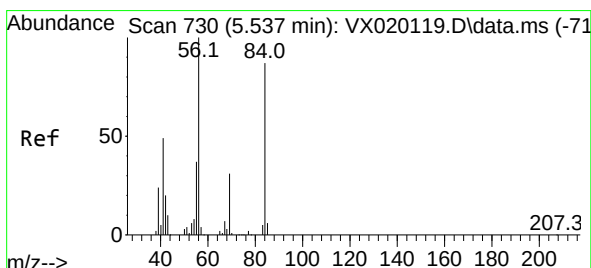
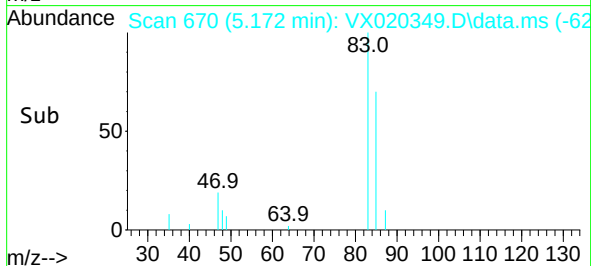
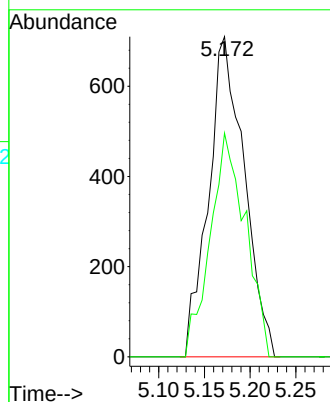
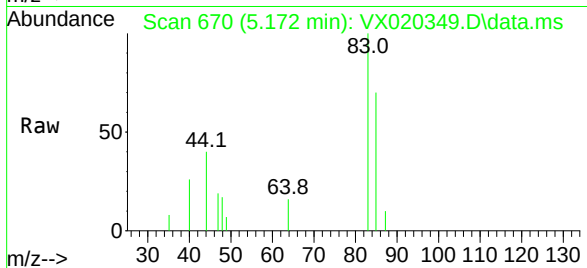
Ion	Ratio	Lower	Upper
83	100		
85	69.9	52.0	78.0

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20201211DL



#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.623 min Scan# 744

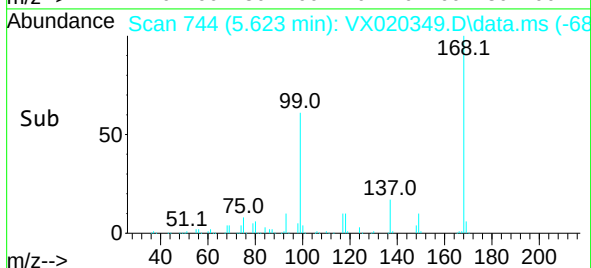
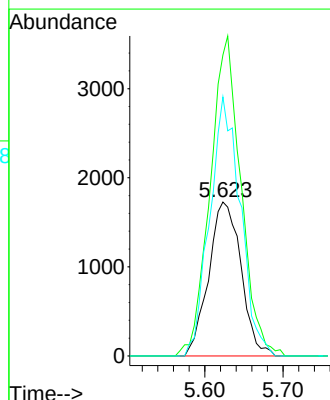
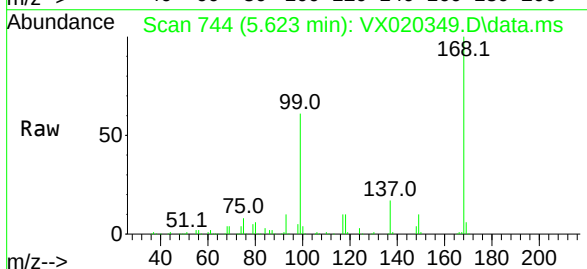
Delta R.T. 0.086 min

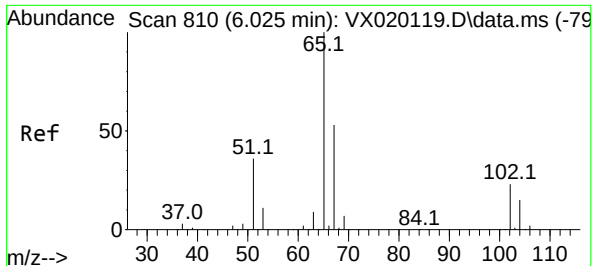
Lab File: VX020349.D

Acq: 23 Dec 2020 19:24

Tgt Ion: 56 Resp: 4955

Ion	Ratio	Lower	Upper
56	100		
69	192.1	25.3	37.9#
84	168.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.97 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020349.D

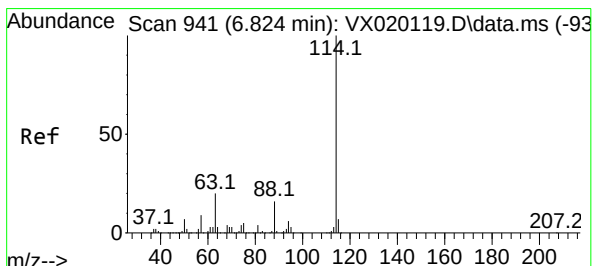
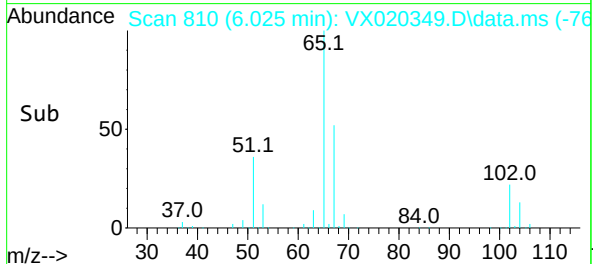
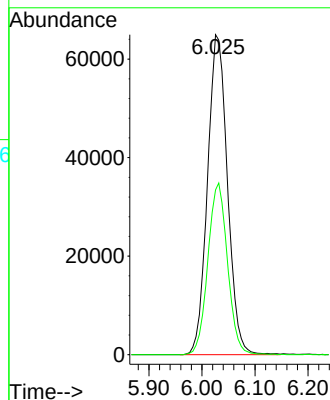
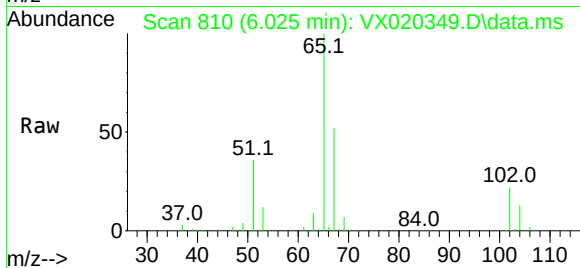
Acq: 23 Dec 2020 19:24

Tgt Ion: 65 Resp: 169822

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: VX020349.D

Acq: 23 Dec 2020 19:24

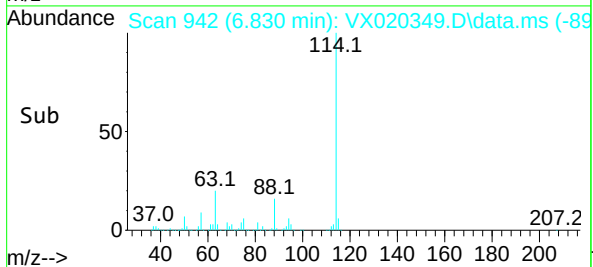
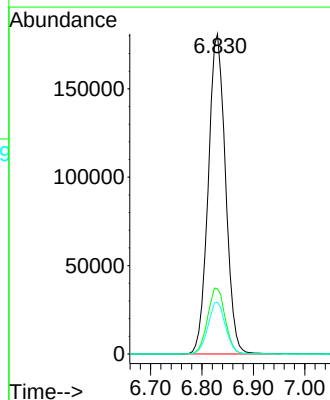
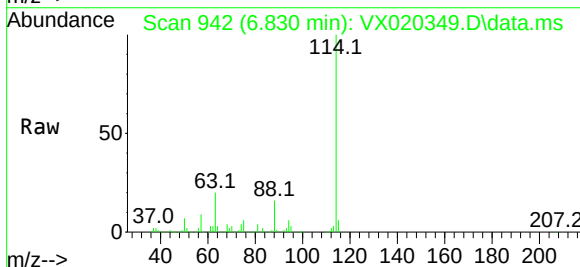
Tgt Ion: 114 Resp: 420861

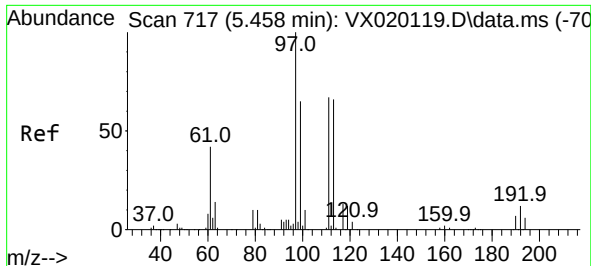
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

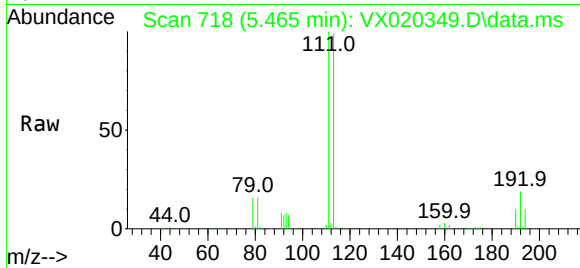
88 16.2 0.0 32.8



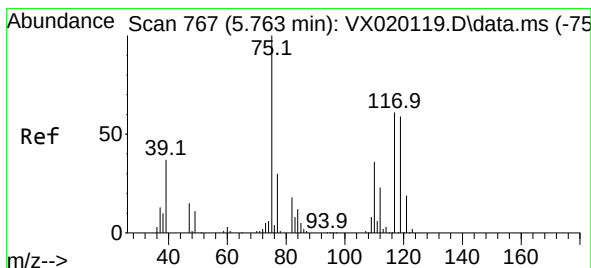
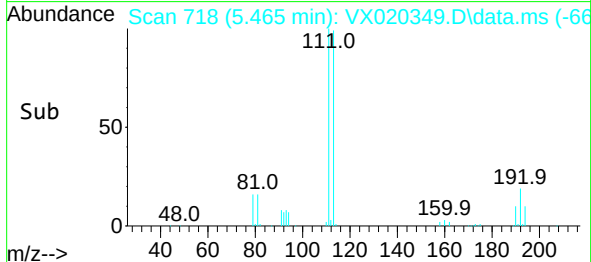
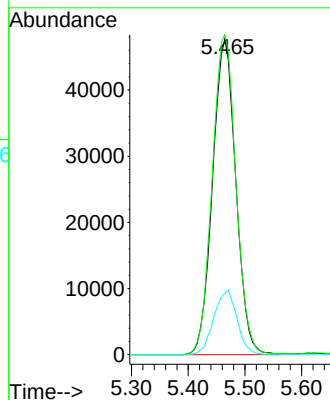


#35
Dibromofluoromethane
Concen: 50.40 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

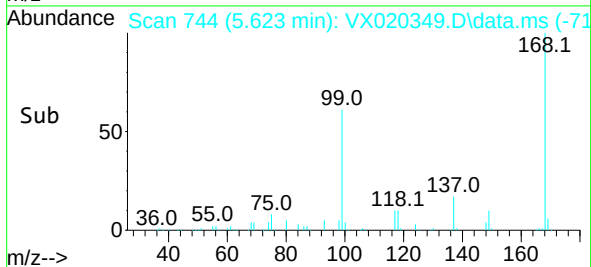
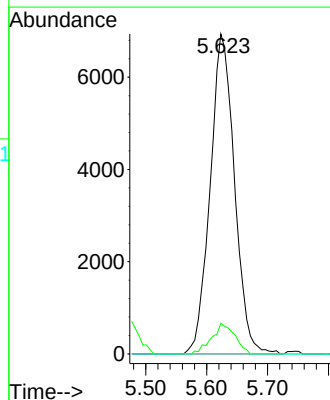
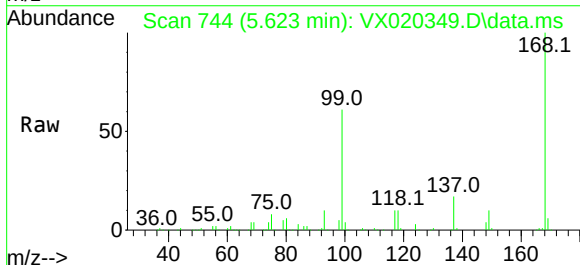


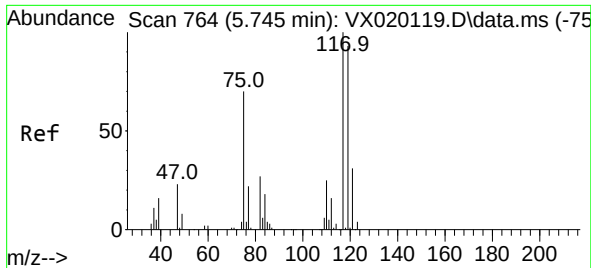
Tgt Ion:113 Resp: 135700
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

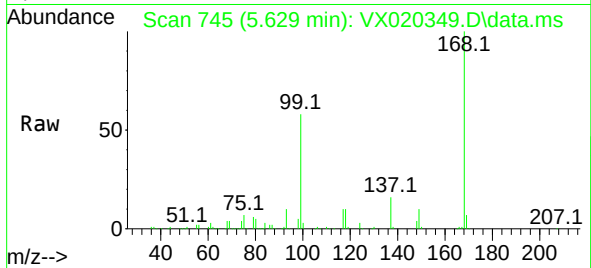
Tgt Ion: 75 Resp: 19236
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



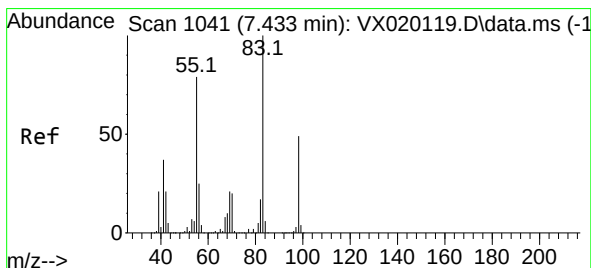
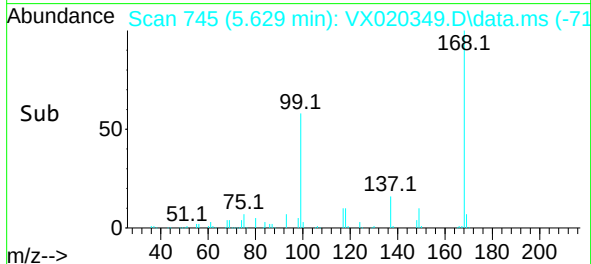
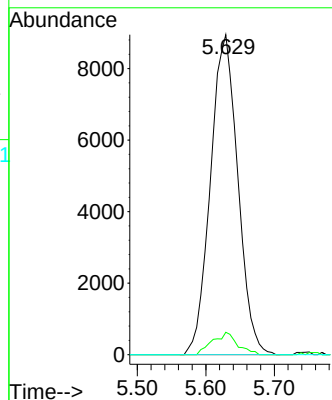


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

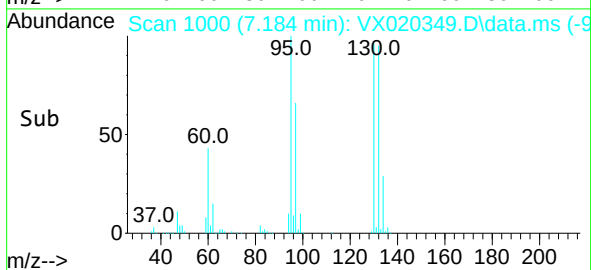
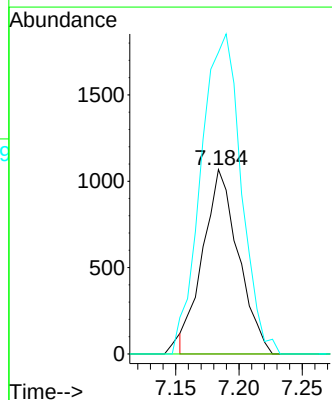
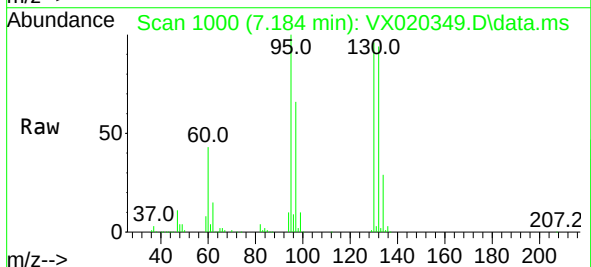


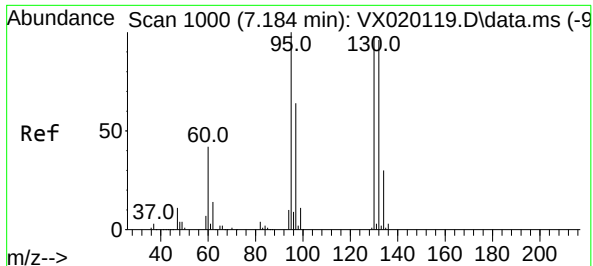
Tgt Ion:117 Resp: 24853
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.43 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.249 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 83 Resp: 2083
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 163.5 38.1 57.1#

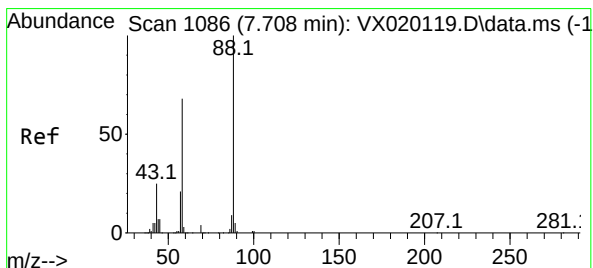
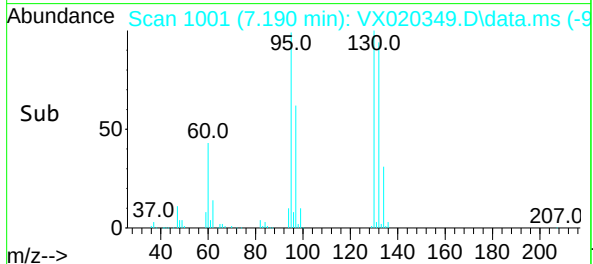
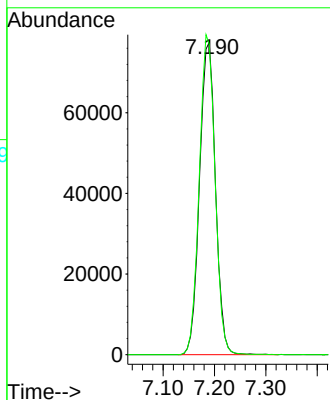
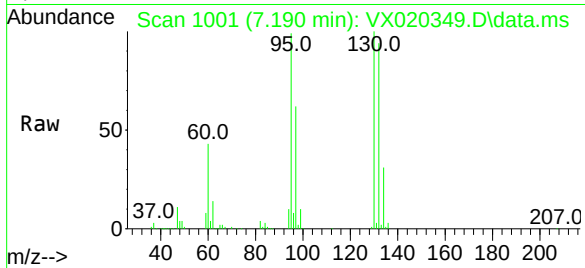




#44
Trichloroethene
Concen: 49.80 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

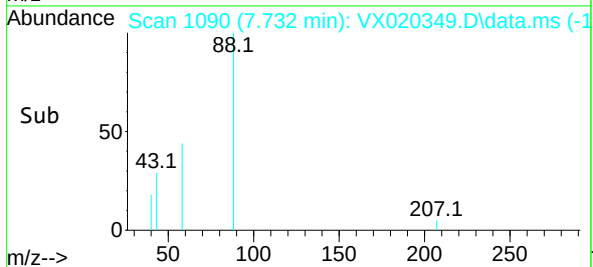
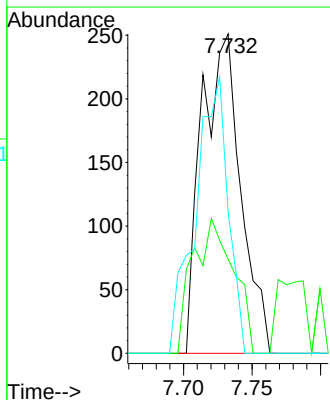
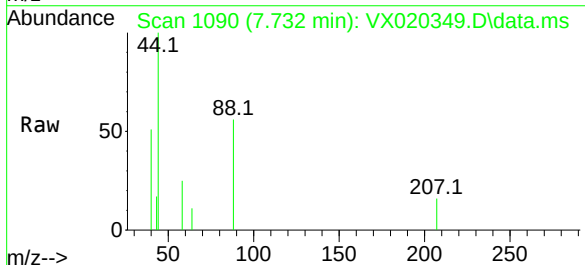
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

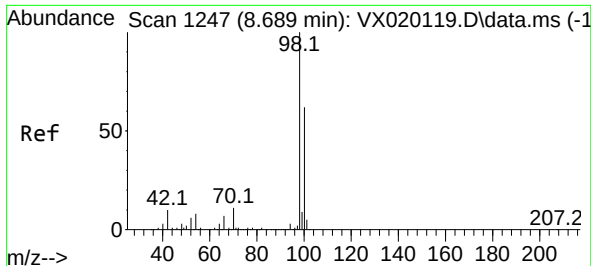
Tgt Ion:130 Resp: 166665
Ion Ratio Lower Upper
130 100
95 99.4 0.0 198.0



#49
1,4-Dioxane
Concen: 6.39 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 88 Resp: 500
Ion Ratio Lower Upper
88 100
43 44.0 23.2 34.8#
58 72.0 55.0 82.4

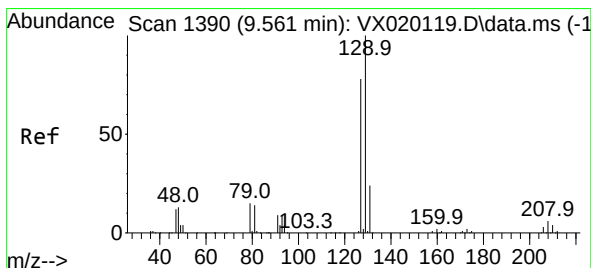
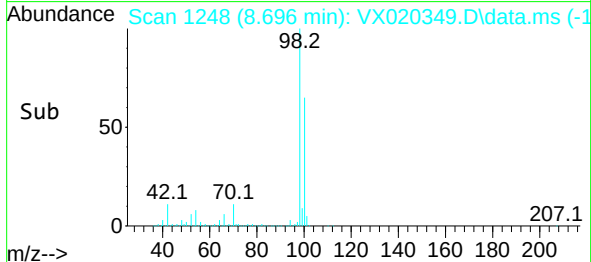
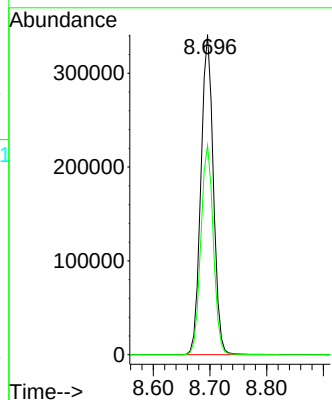
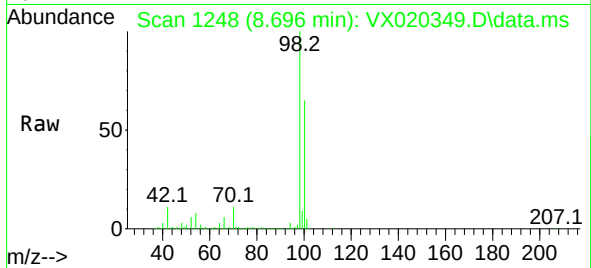




#50
Toluene-d8
Concen: 50.14 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

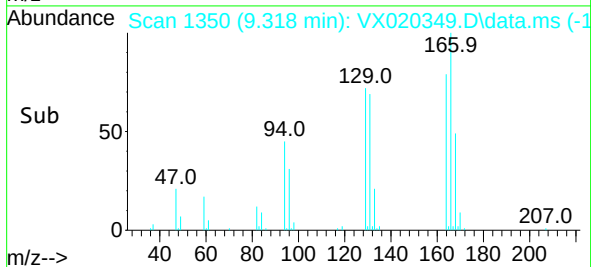
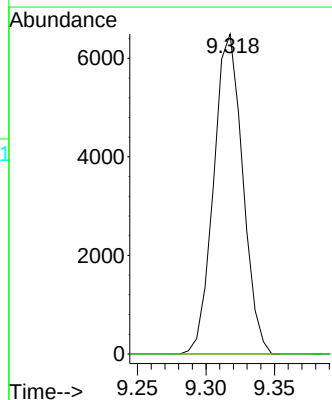
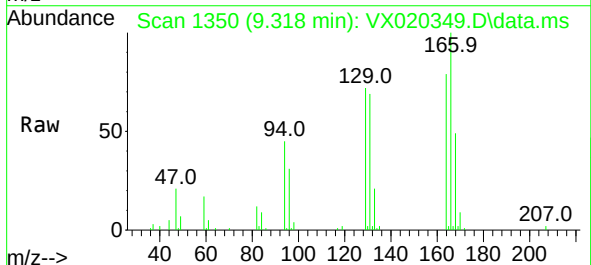
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

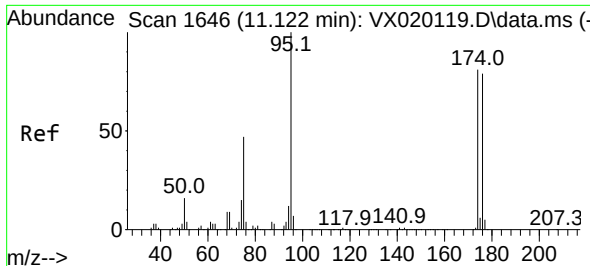
Tgt Ion: 98 Resp: 519626
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#60
Dibromochloromethane
Concen: 2.96 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. -0.243 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 129 Resp: 9565
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

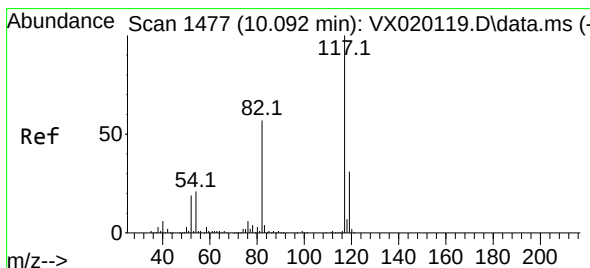
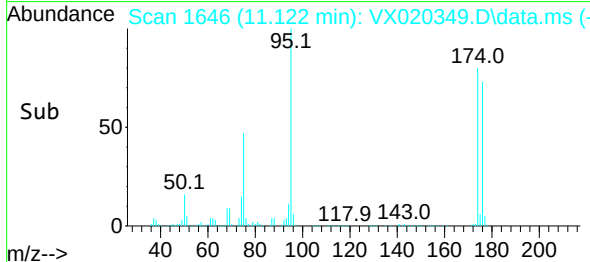
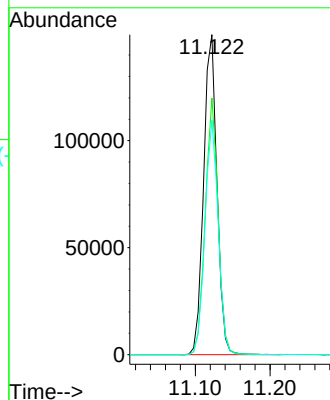
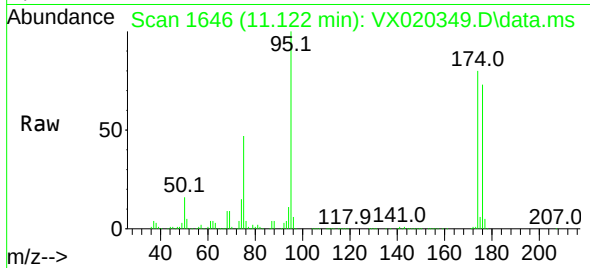




#62
4-Bromofluorobenzene
Concen: 46.69 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

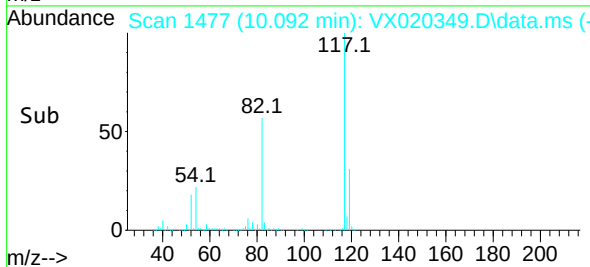
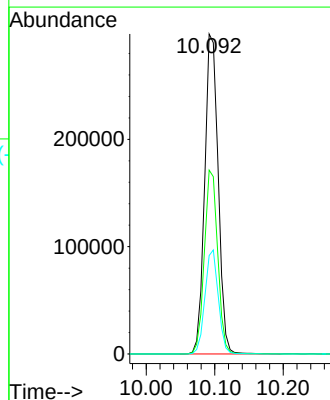
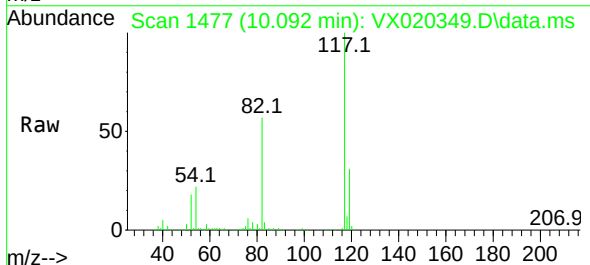
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

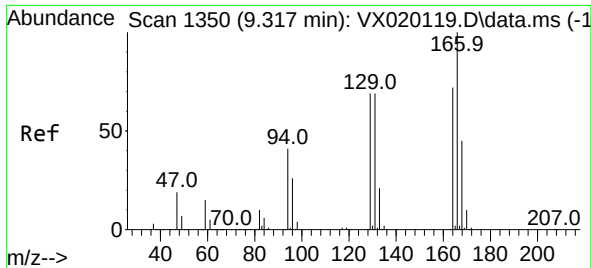
Tgt Ion: 95 Resp: 185185
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 72.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 117 Resp: 410021
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 30.7 26.6 39.8



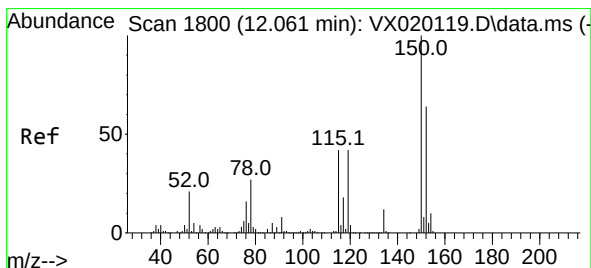
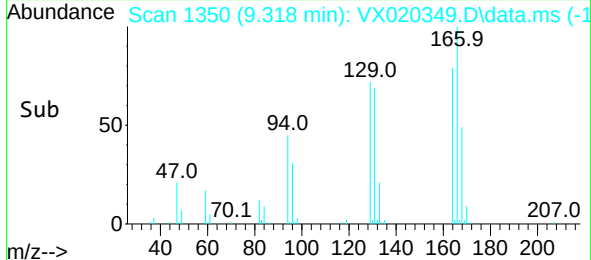
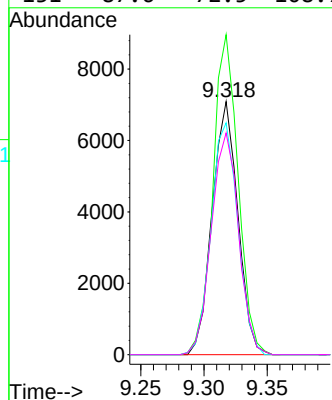
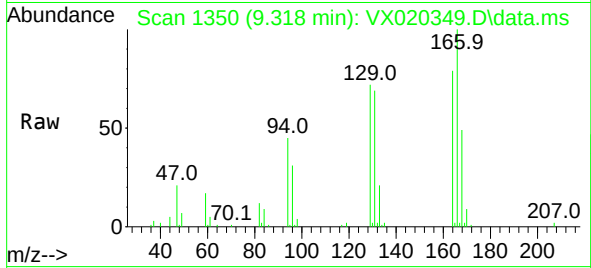


#64
Tetrachloroethene
Concen: 3.24 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

Tgt Ion:164 Resp: 10012

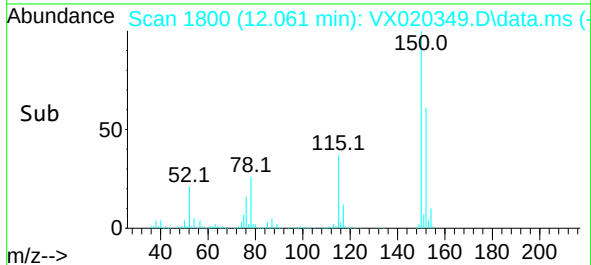
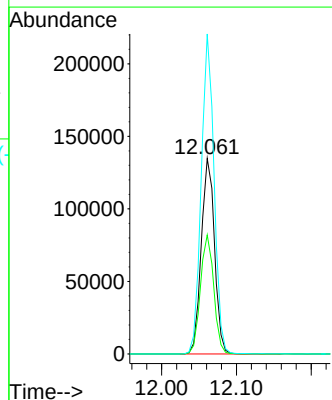
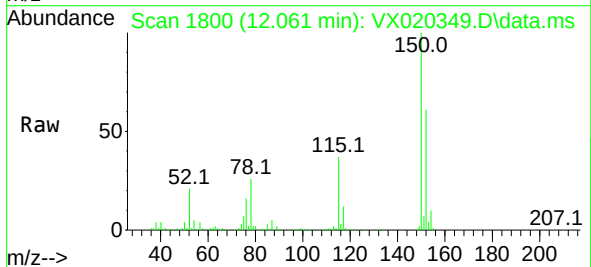
Ion	Ratio	Lower	Upper
164	100		
166	126.4	103.4	155.2
129	91.6	70.8	106.2
131	87.6	72.5	108.7

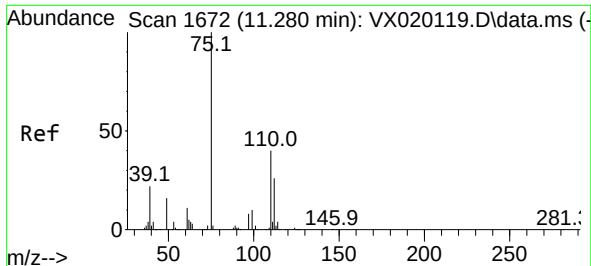


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion:152 Resp: 165984

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	158.2	0.0	349.0

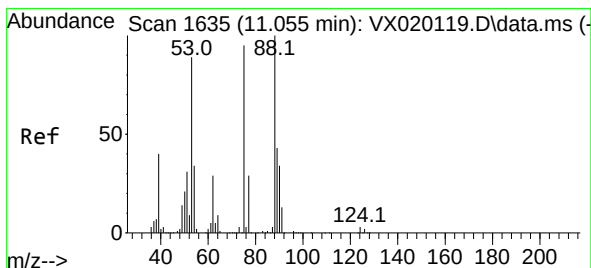
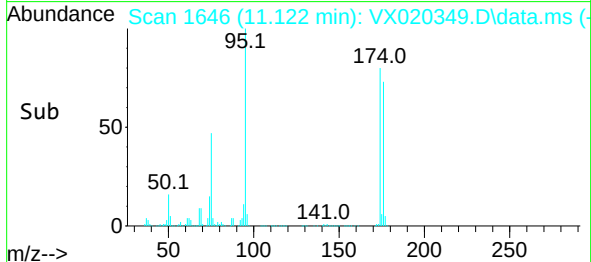
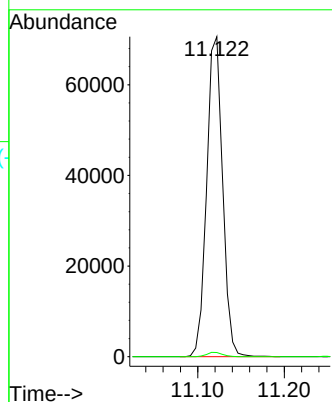
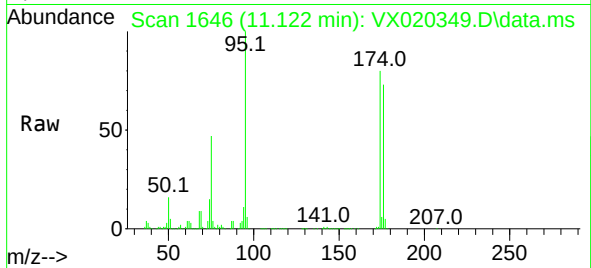




#76
1,2,3-Trichloropropane
Concen: 22.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

Tgt Ion: 75 Resp: 90182
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 75 Resp: 90182
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

