

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020562.D
 Acq On : 11 Jan 2021 20:14
 Operator : JC/MD
 Sample : M1071-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:55:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

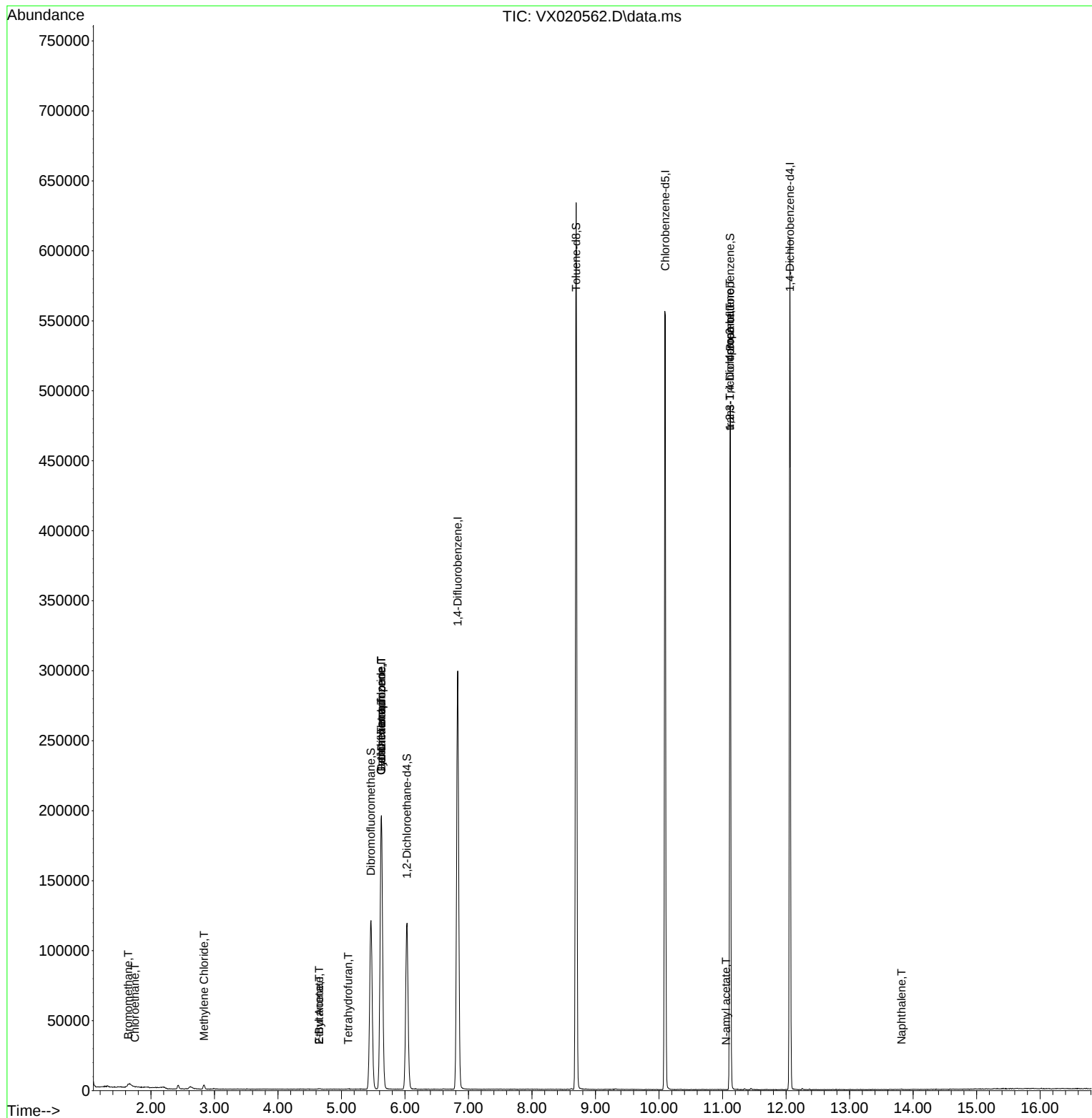
Internal Standards						
1) Pentafluorobenzene	5.629	168	190257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	310878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	284990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	127369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	115502	50.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.08%
35) Dibromofluoromethane	5.464	113	104566	48.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.08%
50) Toluene-d8	8.695	98	381885	49.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.10%
62) 4-Bromofluorobenzene	11.122	95	127717	46.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.84%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	404	0.30	ug/l #	76
6) Chloroethane	1.745	64	20	0.44	ug/l #	43
11) Tert butyl alcohol	3.044	59	122	Below Cal	#	73
16) Acetone	2.422	43	2957	Below Cal		99
20) Methylene Chloride	2.837	84	1535	0.71	ug/l #	88
25) 2-Butanone	4.647	43	533	0.43	ug/l #	45
29) Tetrahydrofuran	5.105	42	161	0.21	ug/l #	27
31) Cyclohexane	5.623	56	3482	1.30	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13100	4.61	ug/l #	50
37) Ethyl Acetate	4.647	43	533	0.21	ug/l #	64
38) Carbon Tetrachloride	5.623	117	18620	5.62	ug/l #	17
74) N-amyl acetate	11.055	43	22	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	60818	22.67	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	60818	61.76	ug/l #	12
95) Naphthalene	13.816	128	219	3.87	ug/l #	69

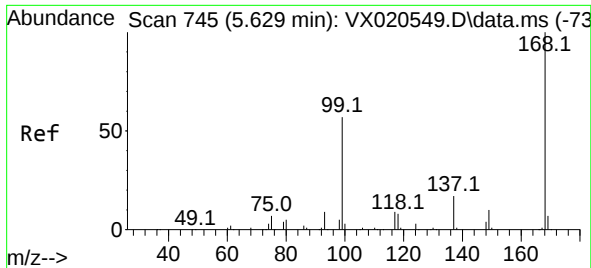
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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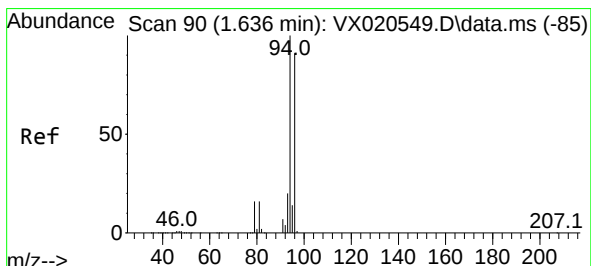
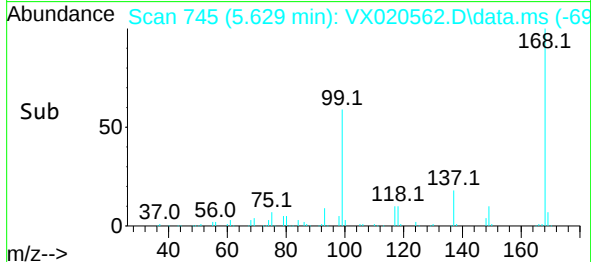
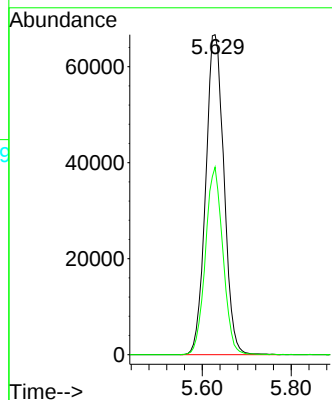
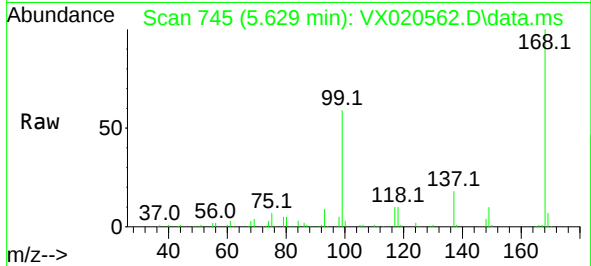




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

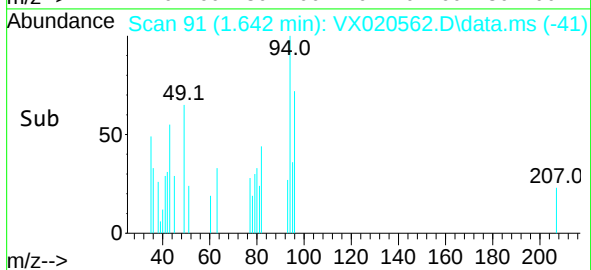
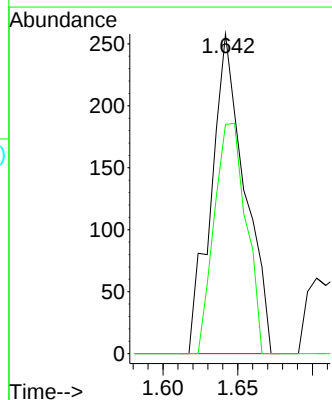
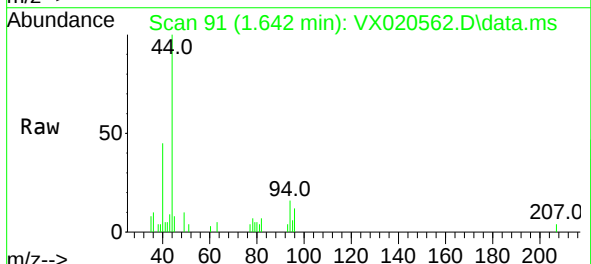
Instrument :
MSVOA_X
ClientSampleId :

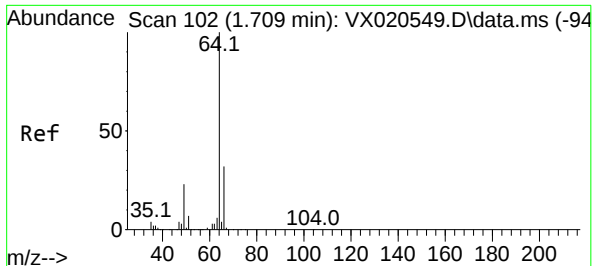
Tgt Ion:168 Resp: 190257
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 71.7 76.4 114.6#

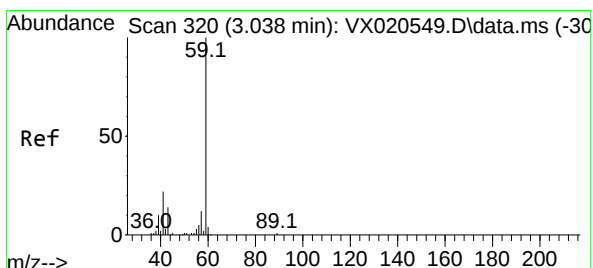
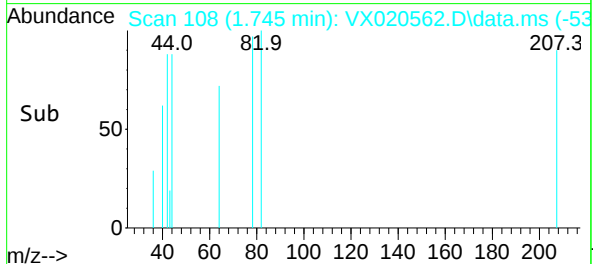
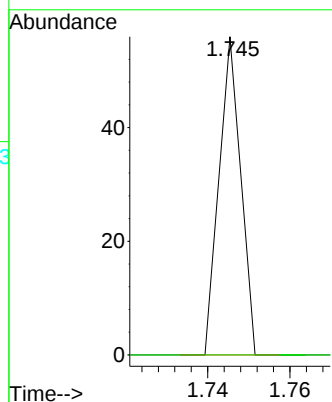
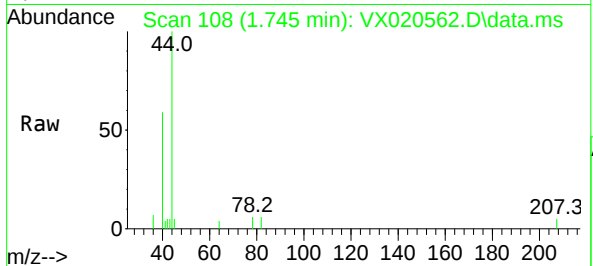




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.036 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

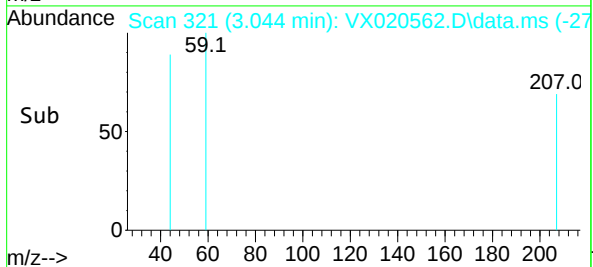
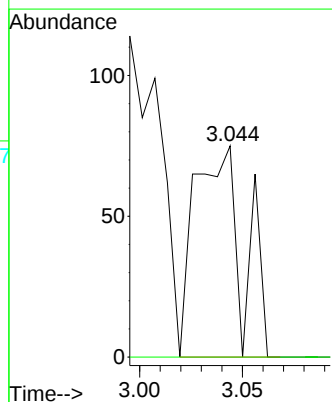
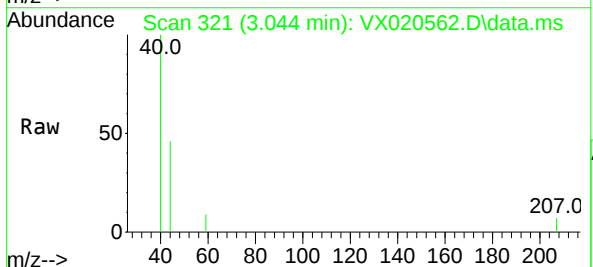
Instrument :
MSVOA_X
ClientSampled :

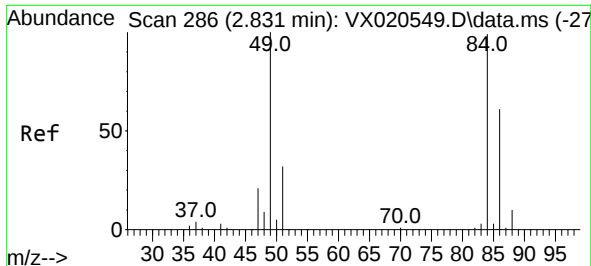
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.044 min Scan# 321
Delta R.T. 0.006 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

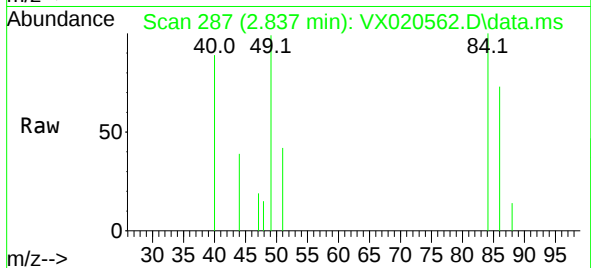
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



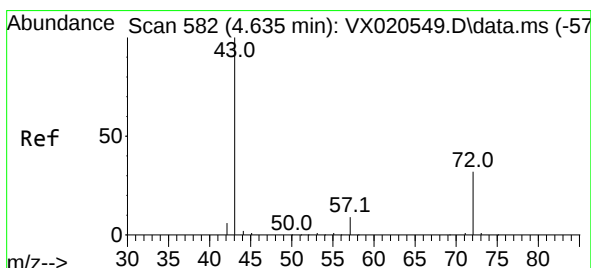
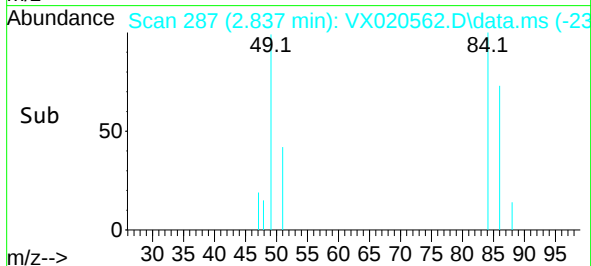
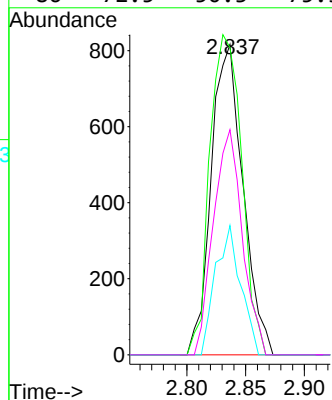


#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :

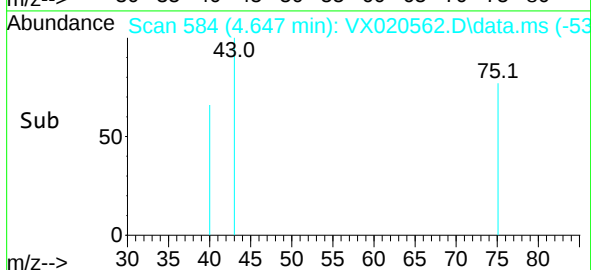
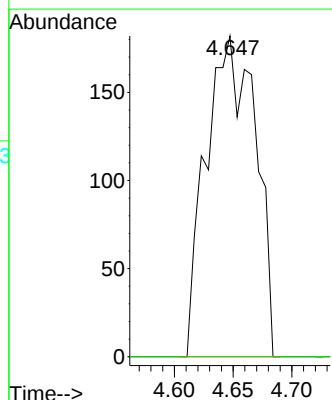
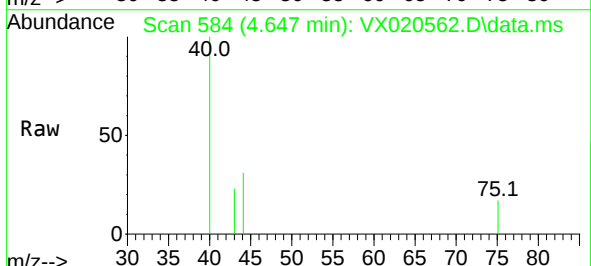


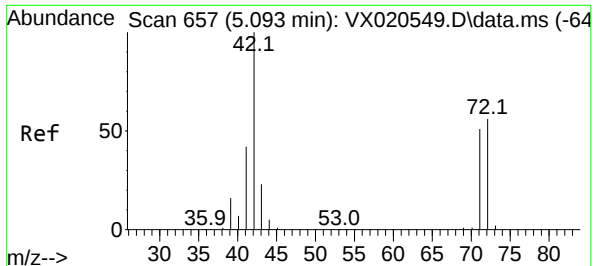
Tgt Ion: 84 Resp: 1535
Ion Ratio Lower Upper
84 100
49 99.0 88.6 132.8
51 41.7 27.0 40.6#
86 72.5 50.3 75.5



#25
2-Butanone
Concen: 0.43 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.012 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.105 min Scan# 659

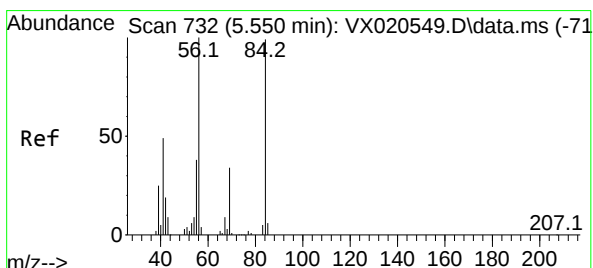
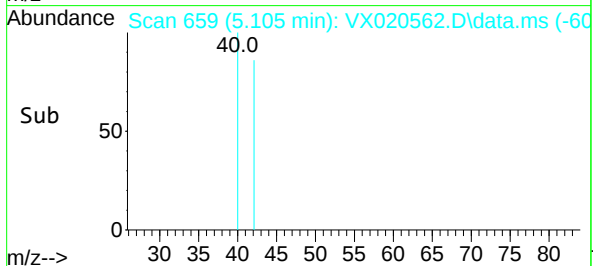
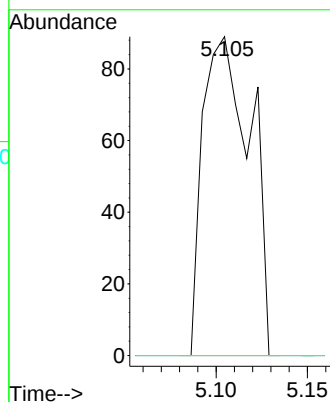
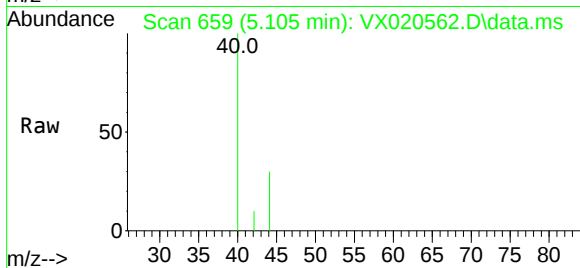
Delta R.T. 0.012 min

Lab File: VX020562.D

Acq: 11 Jan 2021 20:14

Tgt Ion:	42	Resp:	161
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.30 ug/l

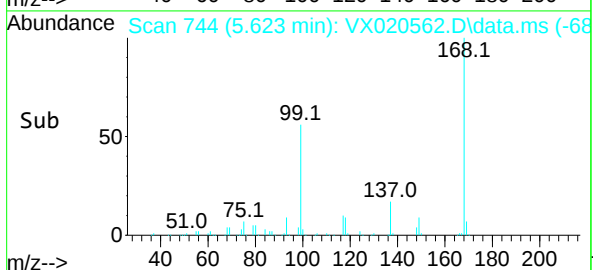
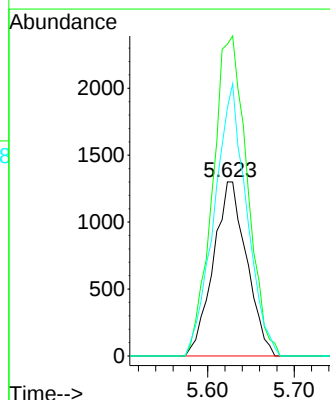
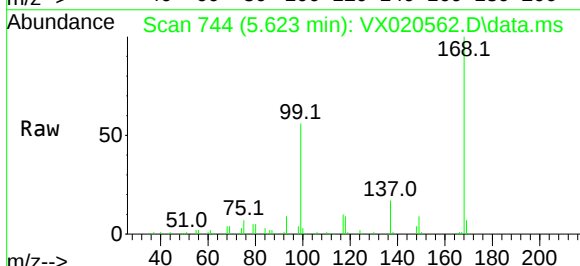
RT: 5.623 min Scan# 744

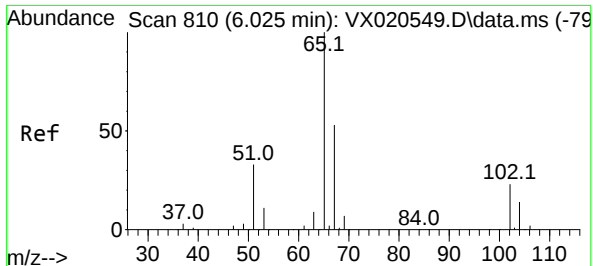
Delta R.T. 0.073 min

Lab File: VX020562.D

Acq: 11 Jan 2021 20:14

Tgt Ion:	56	Resp:	3482
Ion	Ratio	Lower	Upper
56	100		
69	179.1	25.3	37.9#
84	142.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.54 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020562.D

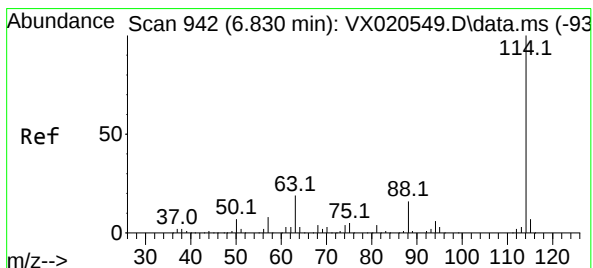
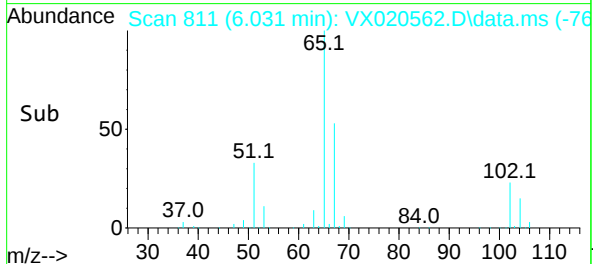
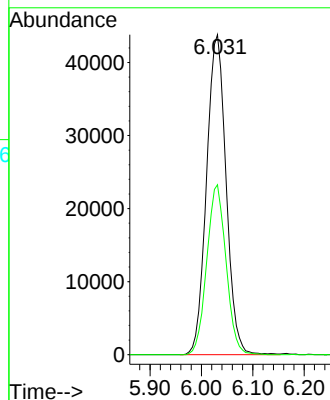
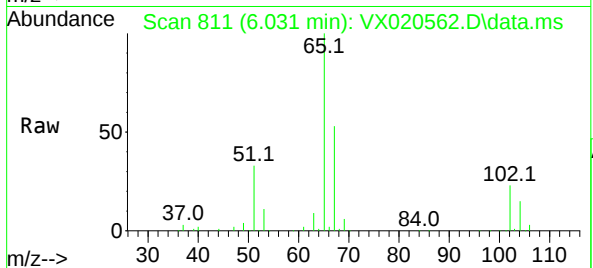
Acq: 11 Jan 2021 20:14

Tgt Ion: 65 Resp: 115502

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020562.D

Acq: 11 Jan 2021 20:14

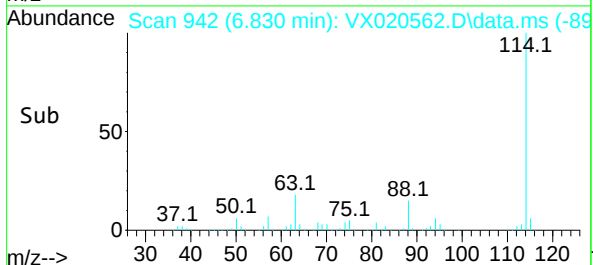
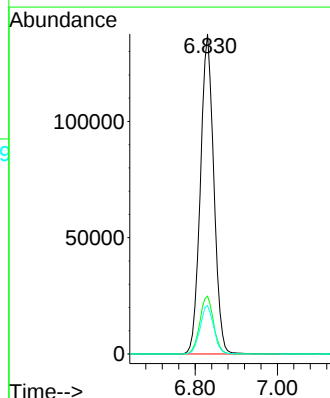
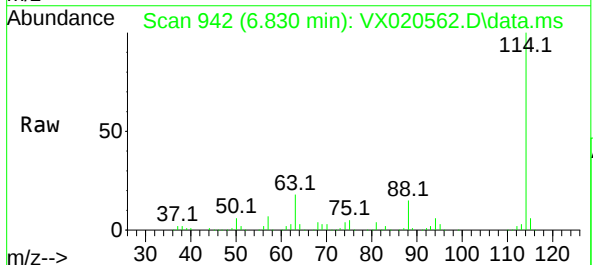
Tgt Ion: 114 Resp: 310878

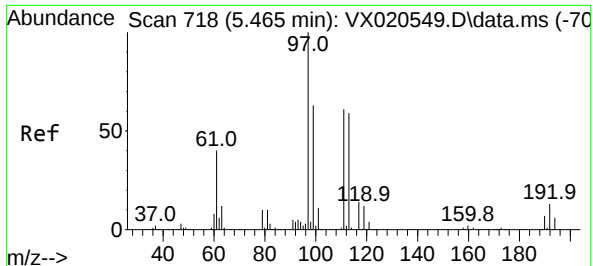
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.8

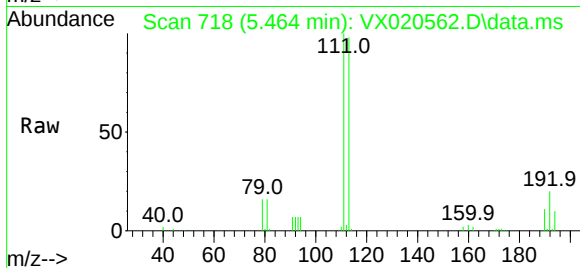
88 15.1 0.0 32.8



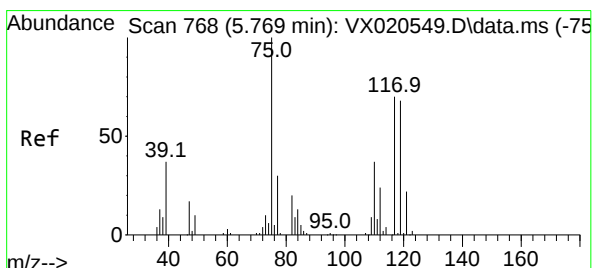
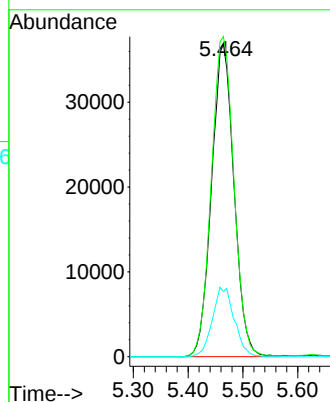
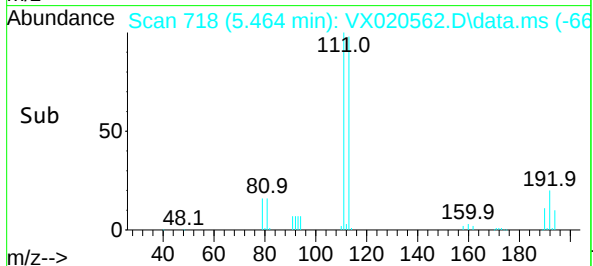


#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

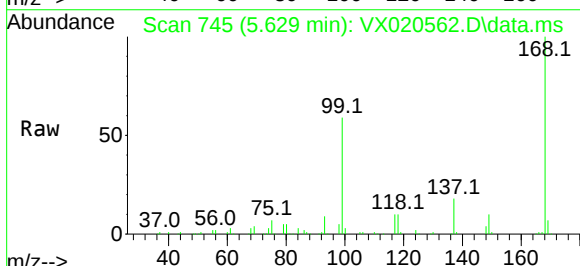
Instrument :
MSVOA_X
ClientSampled :



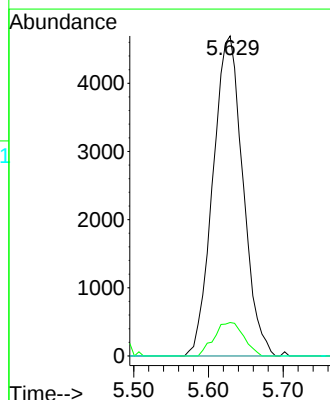
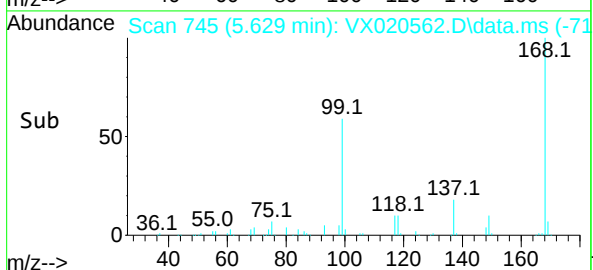
Tgt Ion:113 Resp: 104566
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 21.7 16.7 25.1

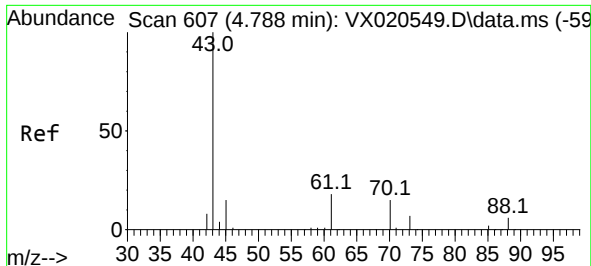


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14



Tgt Ion: 75 Resp: 13100
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.21 ug/l

RT: 4.647 min Scan# 584

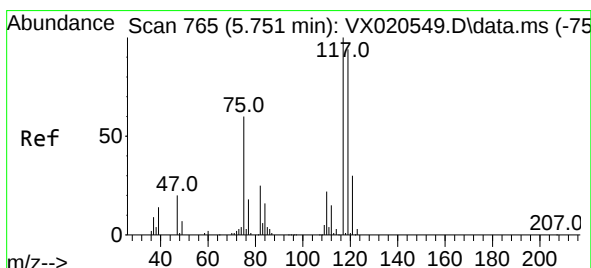
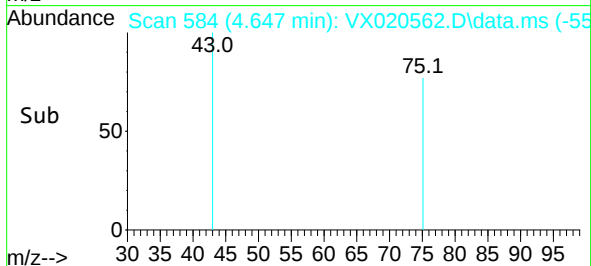
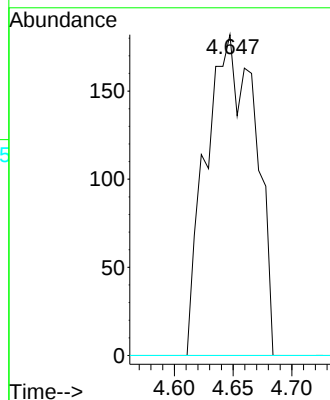
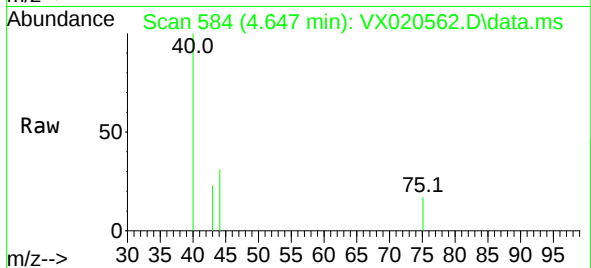
Delta R.T. -0.141 min

Lab File: VX020562.D

Acq: 11 Jan 2021 20:14

Tgt Ion:	43	Resp:	533
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.62 ug/l

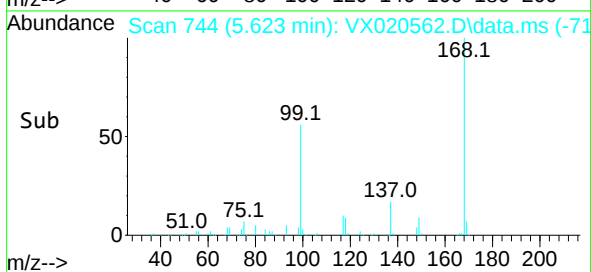
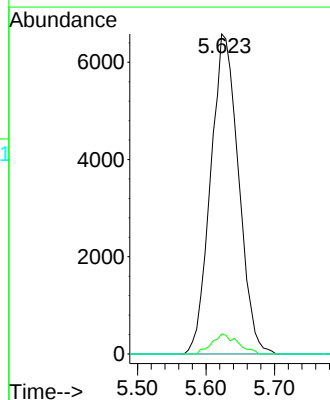
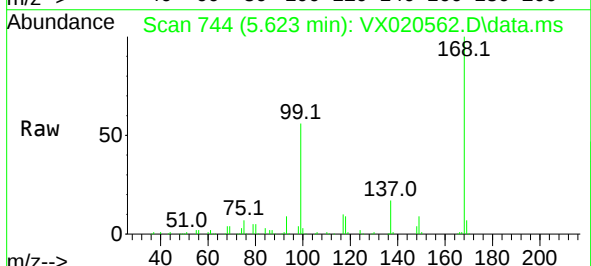
RT: 5.623 min Scan# 744

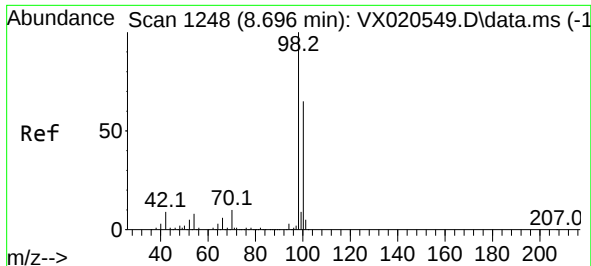
Delta R.T. -0.128 min

Lab File: VX020562.D

Acq: 11 Jan 2021 20:14

Tgt Ion:	117	Resp:	18620
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.2#
121	0.0	24.8	37.2#

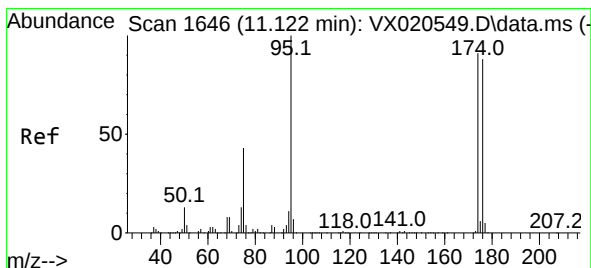
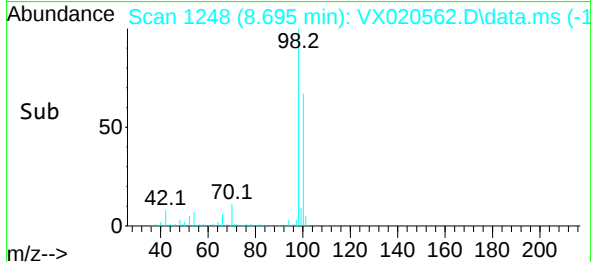
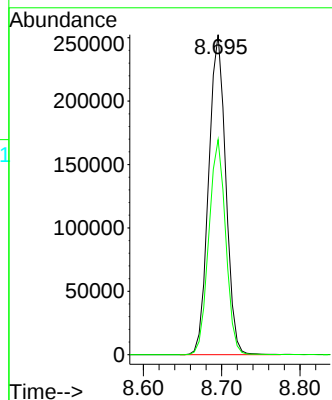
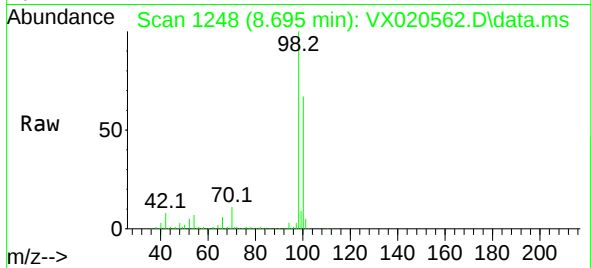




#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

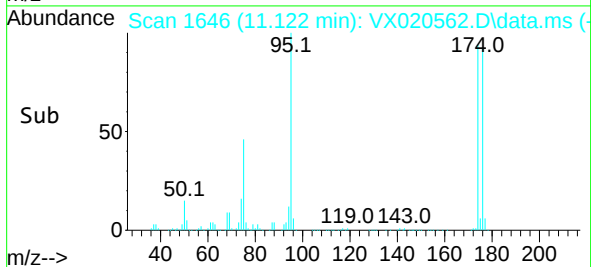
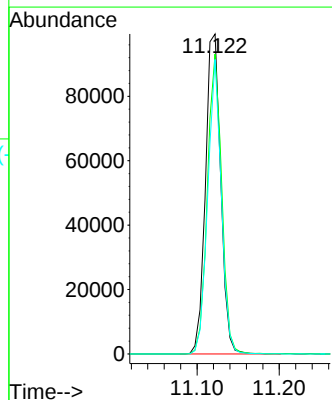
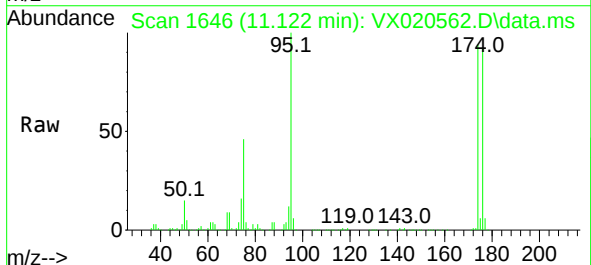
Instrument :
MSVOA_X
ClientSampleId :

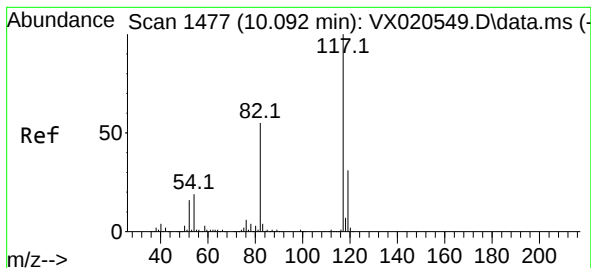
Tgt Ion: 98 Resp: 381885
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Tgt Ion: 95 Resp: 127717
Ion Ratio Lower Upper
95 100
174 88.5 0.0 154.6
176 82.1 0.0 155.8

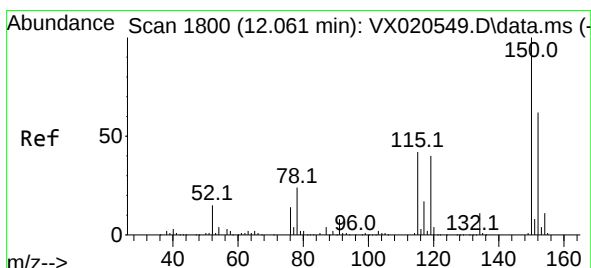
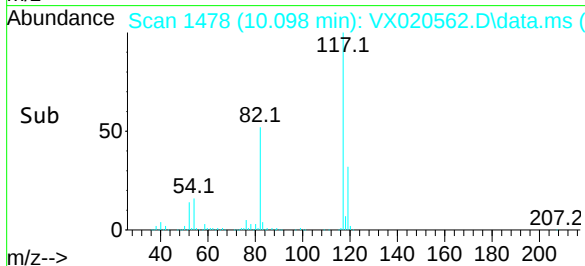
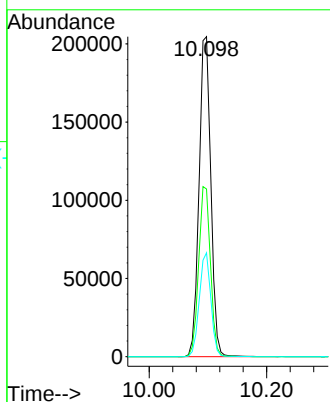
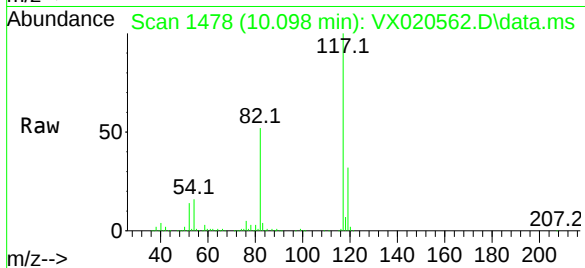




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

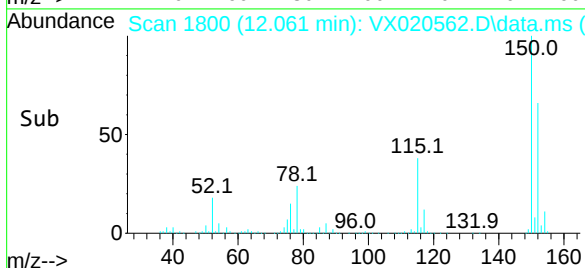
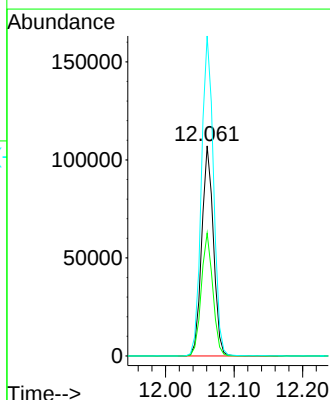
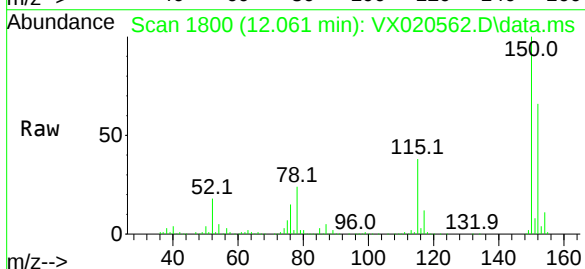
Instrument :
MSVOA_X
ClientSampled :

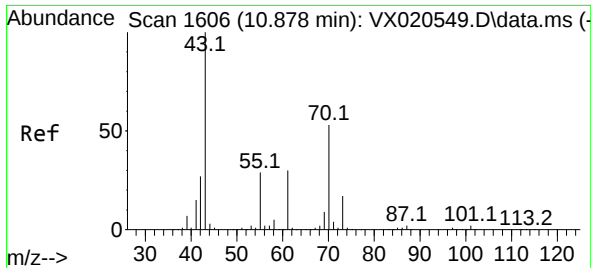
Tgt Ion:117 Resp: 284990
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

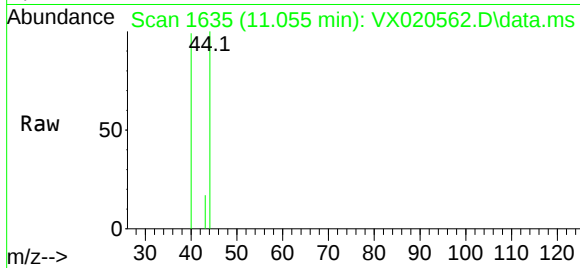
Tgt Ion:152 Resp: 127369
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 157.0 0.0 349.0



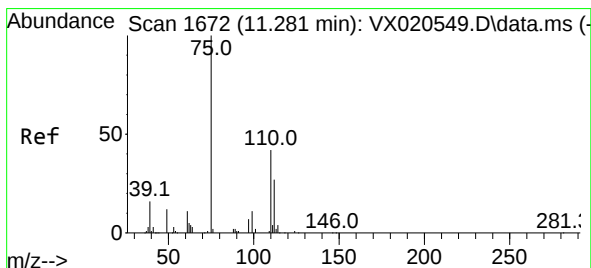
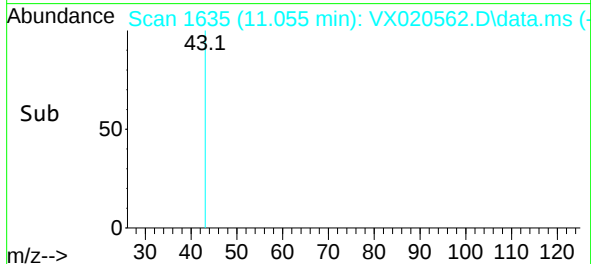
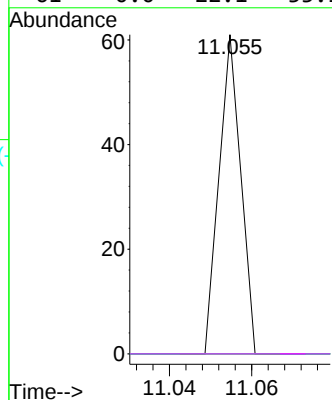


#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. 0.177 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :

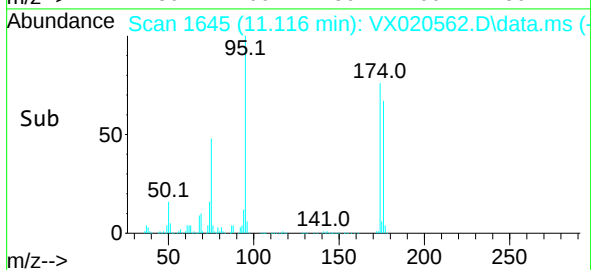
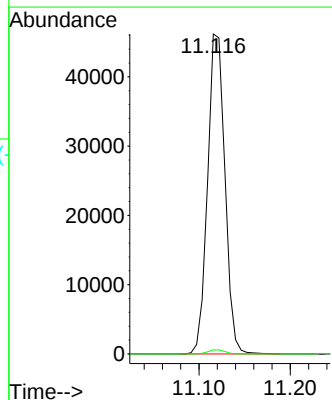
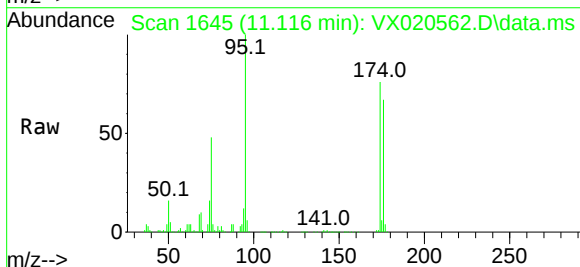


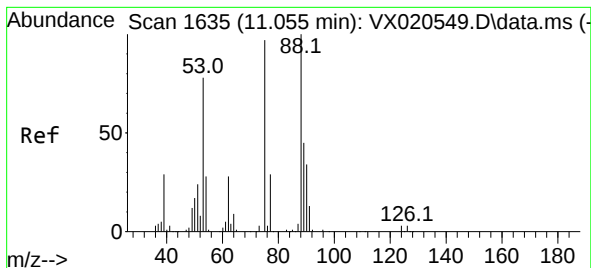
Tgt Ion: 43	Resp: 22
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.67 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Tgt Ion: 75	Resp: 60818
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

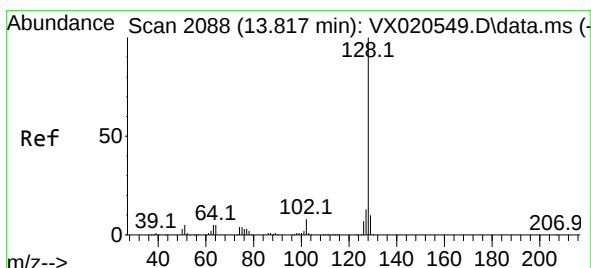
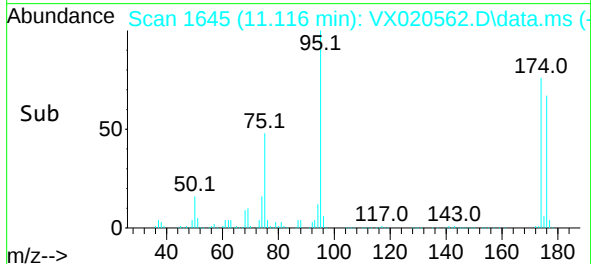
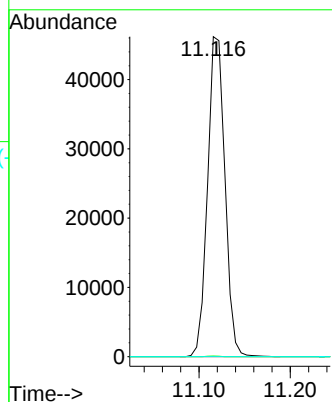
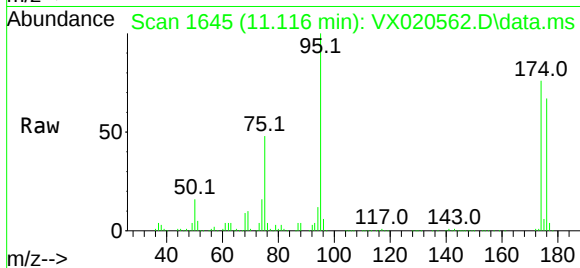




#81
trans-1,4-Dichloro-2-butene
Concen: 61.76 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60818
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020562.D
Acq: 11 Jan 2021 20:14

Tgt Ion: 128 Resp: 219
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

