

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022807.D
 Acq On : 21 Jun 2021 20:08
 Operator : JC/MD
 Sample : M2783-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

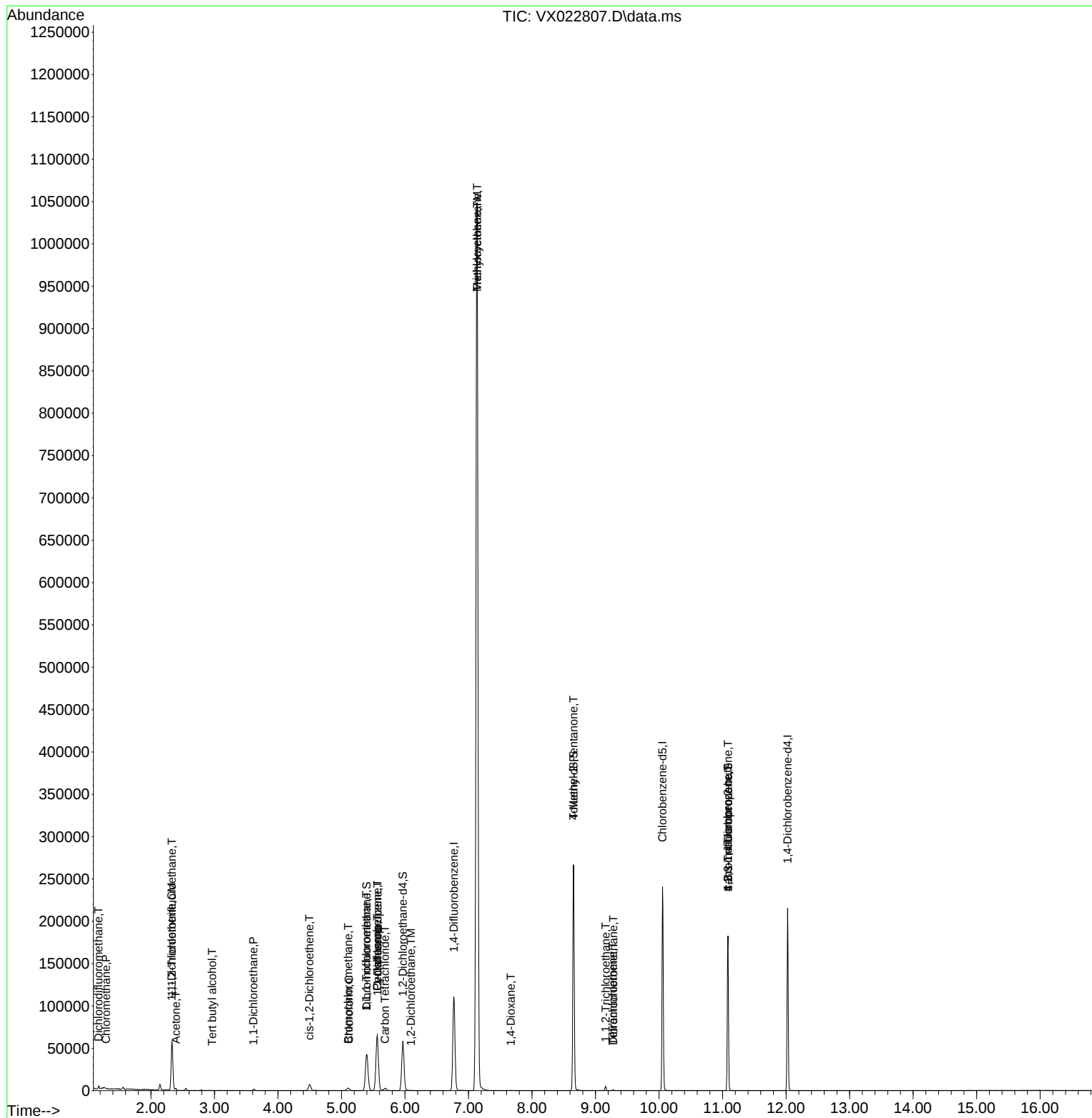
Internal Standards						
1) Pentafluorobenzene	5.562	168	52871	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51986	54.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.397	113	36673	52.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	8.653	98	145970	53.433	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	11.085	95	49002	47.428	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	972	1.567	ug/l	73
3) Chloromethane	1.294	50	175	0.233	ug/l	# 42
9) 1,1,2-Trichlorotrifluo...	2.331	101	20268	31.318	ug/l	91
11) Tert butyl alcohol	2.965	59	69	0.313	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	3156	4.917	ug/l	96
16) Acetone	2.392	43	2090	4.909	ug/l	91
24) 1,1-Dichloroethane	3.611	63	1810	1.270	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	4380	5.054	ug/l	76
28) Bromochloromethane	5.105	49	279	0.405	ug/l	# 9
30) Chloroform	5.117	83	3489	2.456	ug/l	# 80
31) Cyclohexane	5.562	56	1771	1.544	ug/l	# 40
32) 1,1,1-Trichloroethane	5.391	97	510	1.322	ug/l	# 38
36) 1,1-Dichloropropene	5.568	75	5403	4.993	ug/l	# 47
38) Carbon Tetrachloride	5.684	117	2114	2.284	ug/l	# 90
39) Methylcyclohexane	7.135	83	5020	4.446	ug/l	# 1
42) 1,2-Dichloroethane	6.092	62	309	0.261	ug/l	# 73
44) Trichloroethene	7.135	130	363174	480.497	ug/l	91
49) 1,4-Dioxane	7.665	88	371	18.692	ug/l	# 81
51) 4-Methyl-2-Pentanone	8.653	43	838	0.608	ug/l	# 1
55) 1,1,2-Trichloroethane	9.159	97	1116	1.361	ug/l	92
60) Dibromochloromethane	9.281	129	125	3.314	ug/l	# 11
64) Tetrachloroethene	9.275	164	170	0.274	ug/l	# 68
76) 1,2,3-Trichloropropane	11.085	75	27118	27.338	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27118	68.272	ug/l	# 12

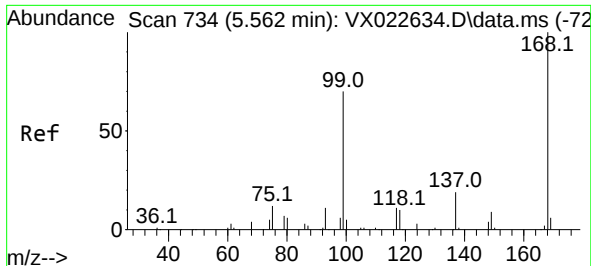
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX022807.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

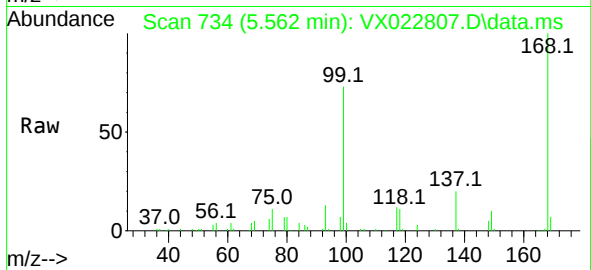
Quant Time: Jun 22 01:16:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



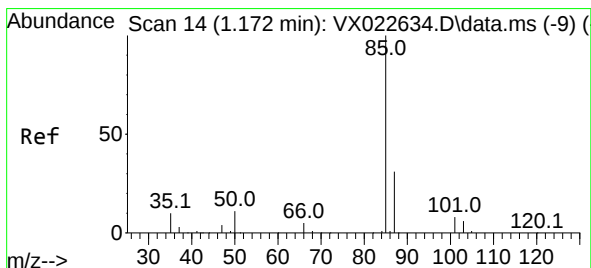
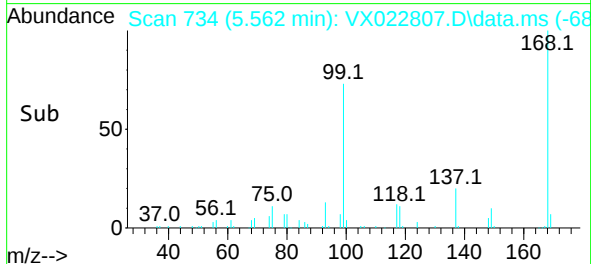
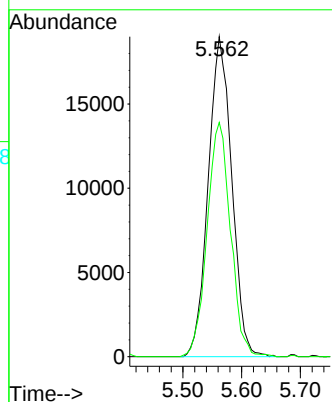


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Instrument :
MSVOA_X
ClientSampleId :

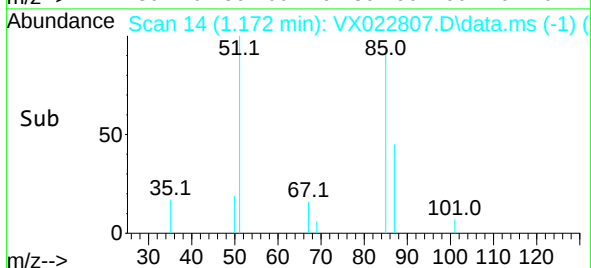
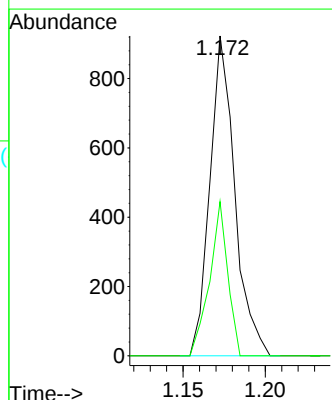
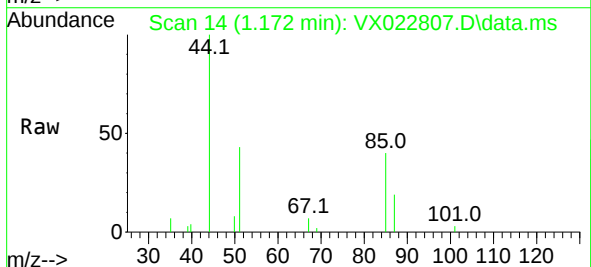


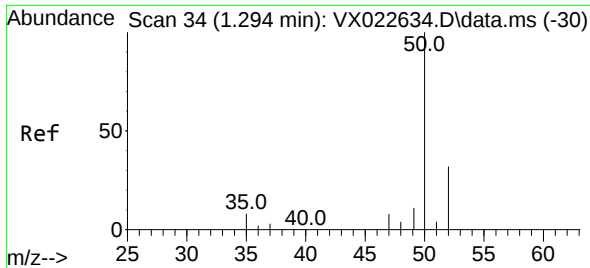
Tgt Ion:168 Resp: 52871
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 1.567 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 85 Resp: 972
Ion Ratio Lower Upper
85 100
87 48.2 16.4 49.2

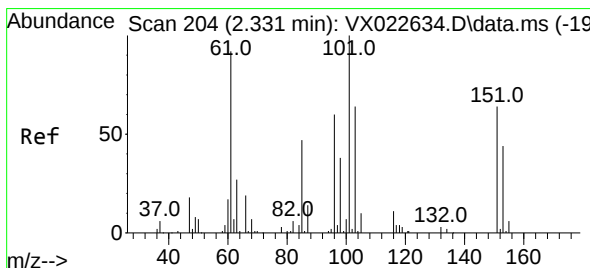
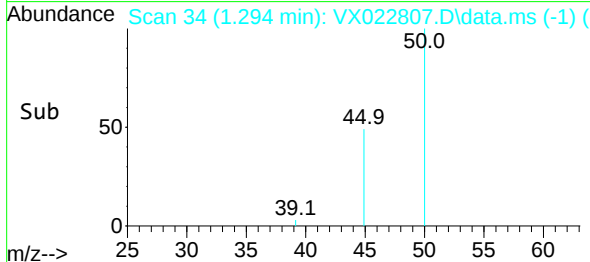
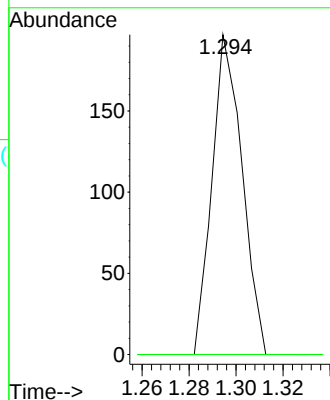
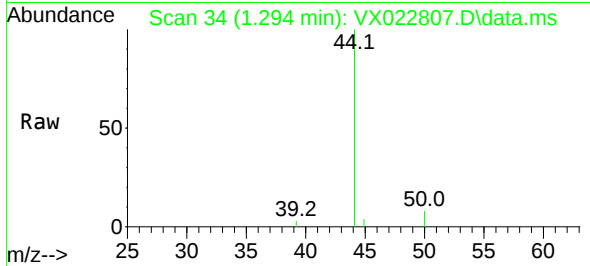




#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

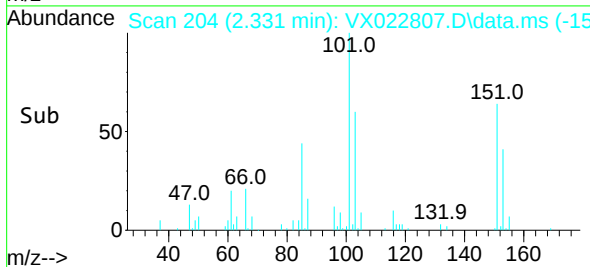
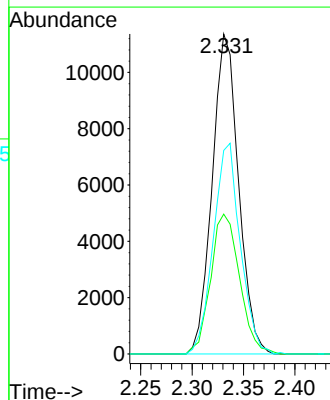
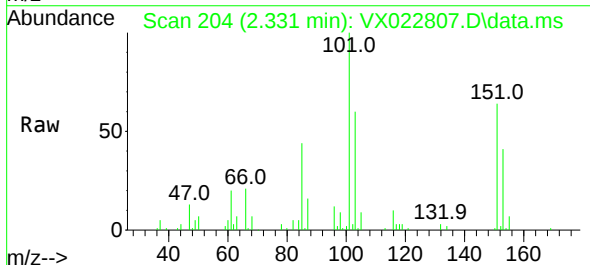
Instrument :
MSVOA_X
ClientSampled :

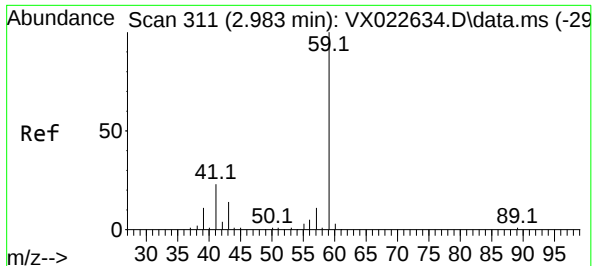
Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.318 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 101 Resp: 20268
Ion Ratio Lower Upper
101 100
85 47.9 34.9 52.3
151 67.4 61.4 92.2

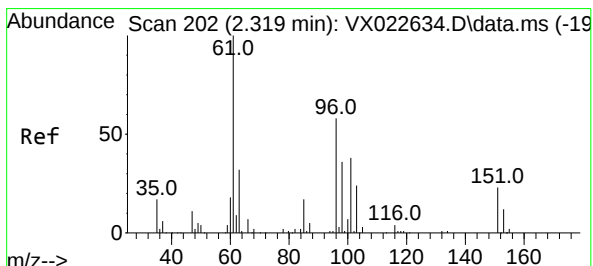
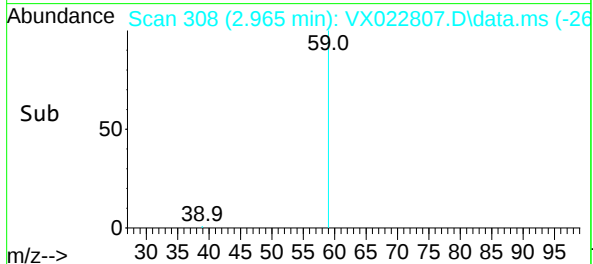
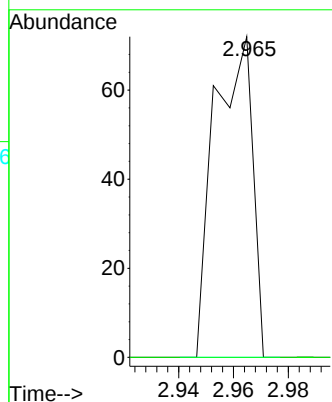
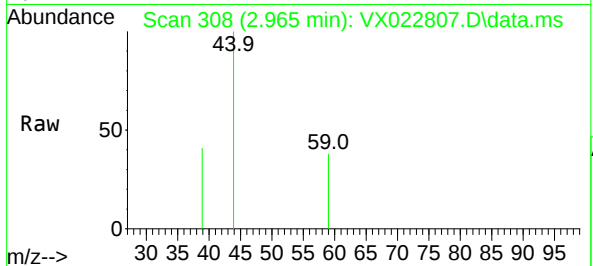




#11
Tert butyl alcohol
Concen: 0.313 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

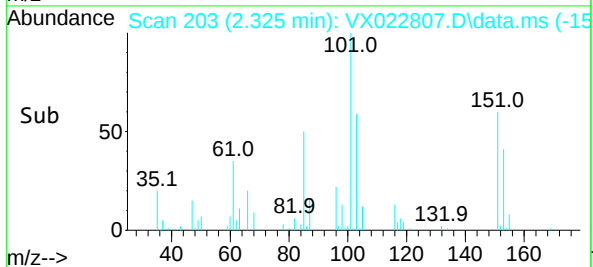
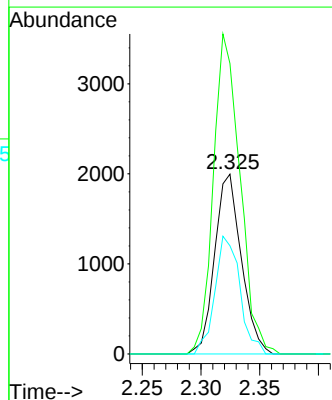
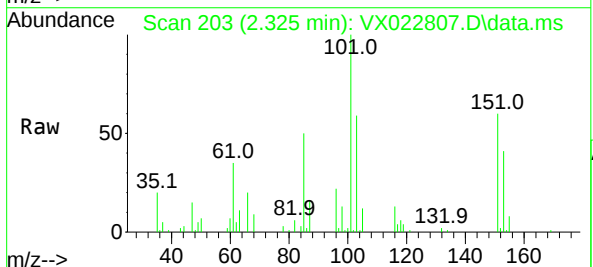
Instrument :
MSVOA_X
ClientSampled :

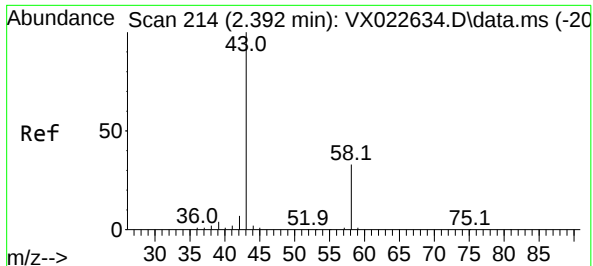
Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.917 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

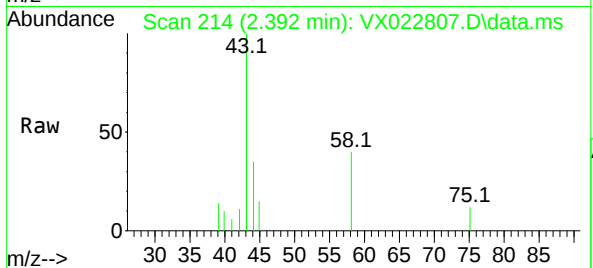
Tgt Ion: 96 Resp: 3156
Ion Ratio Lower Upper
96 100
61 161.5 124.6 187.0
98 60.1 50.6 76.0



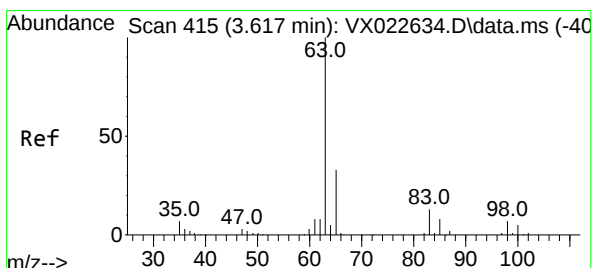
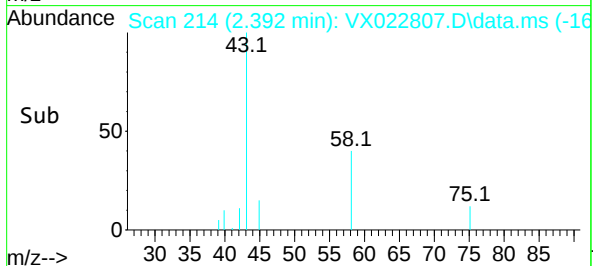
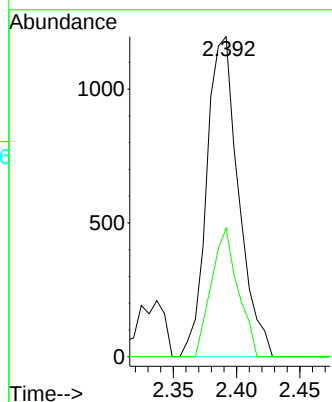


#16
Acetone
Concen: 4.909 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Instrument :
MSVOA_X
ClientSampled :

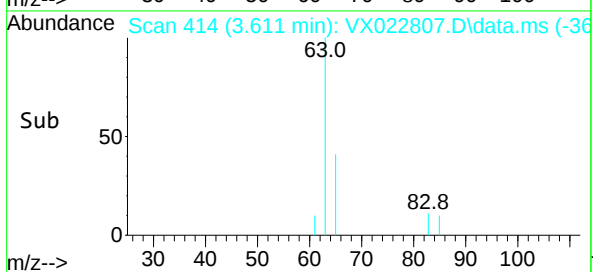
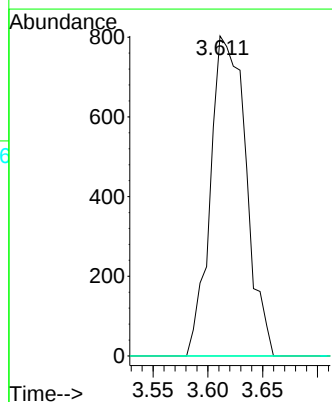
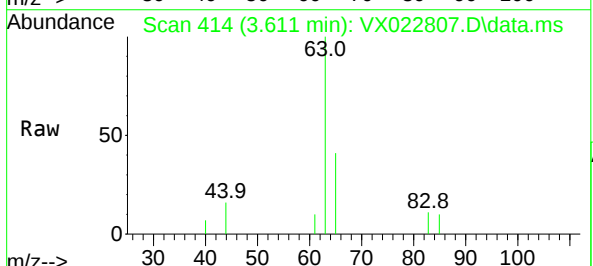


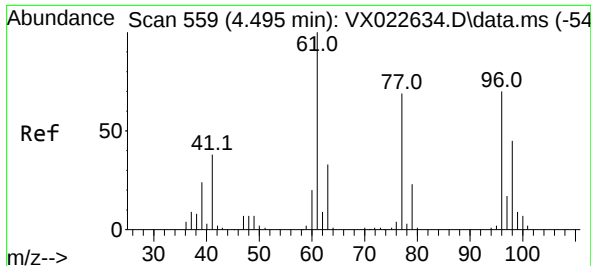
Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
58 40.1 27.8 41.8



#24
1,1-Dichloroethane
Concen: 1.270 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 63 Resp: 1810
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 5.054 ug/l

RT: 4.495 min Scan# 559

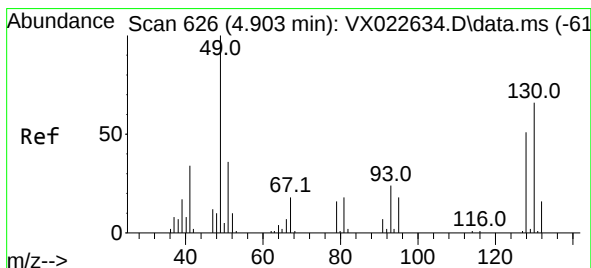
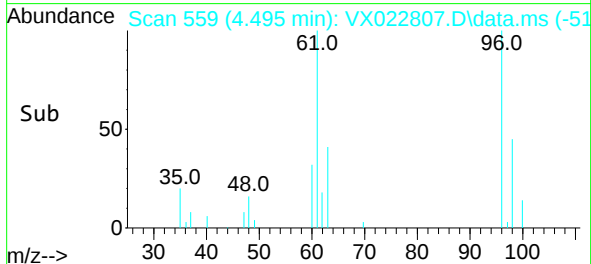
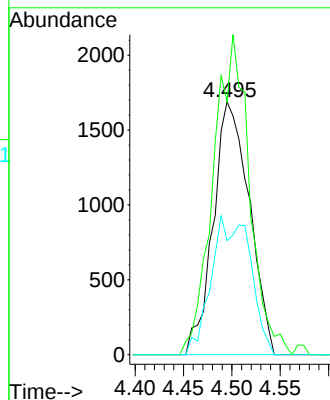
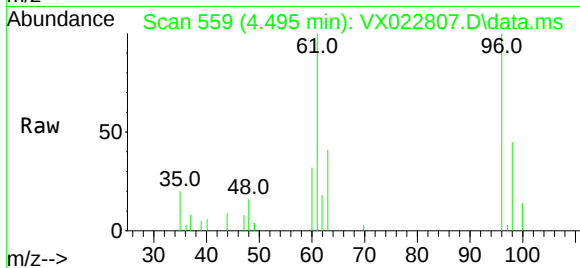
Delta R.T. 0.000 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion: 96 Resp: 4380

Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	285.6
98	27.6	0.0	129.6



#28

Bromochloromethane

Concen: 0.405 ug/l

RT: 5.105 min Scan# 659

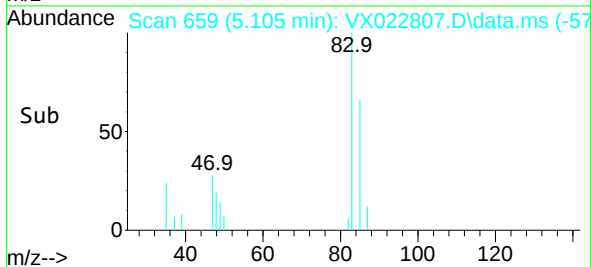
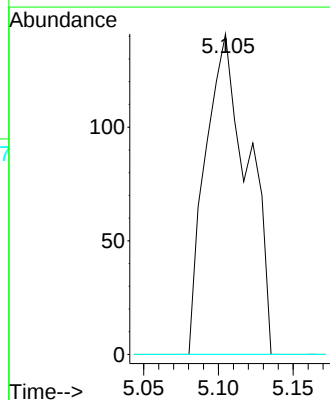
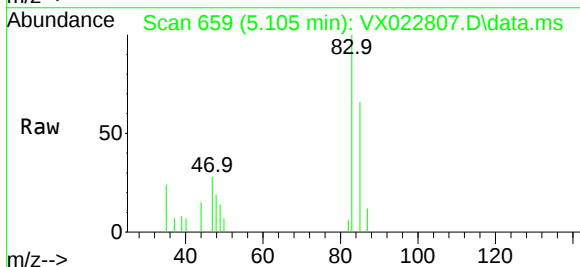
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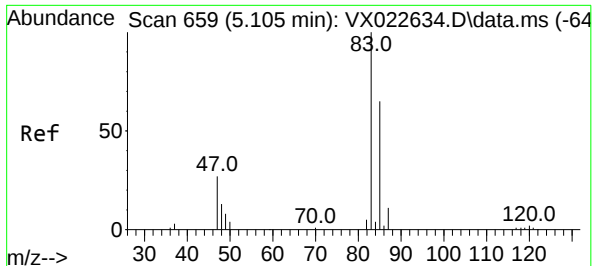
Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion: 49 Resp: 279

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#

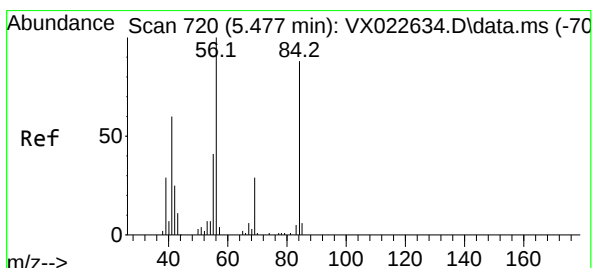
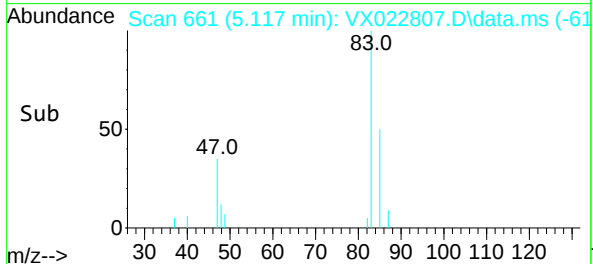
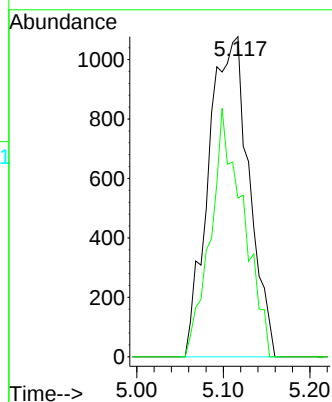
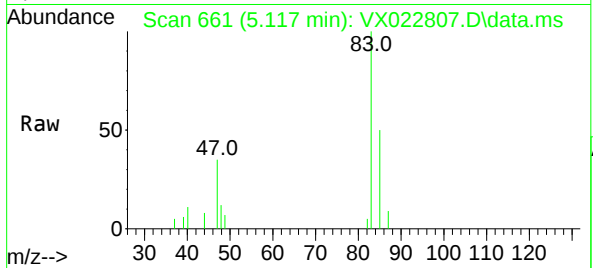




#30
Chloroform
Concen: 2.456 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

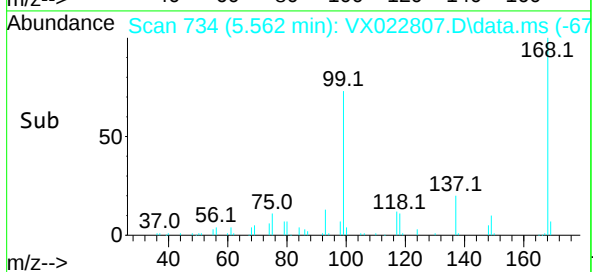
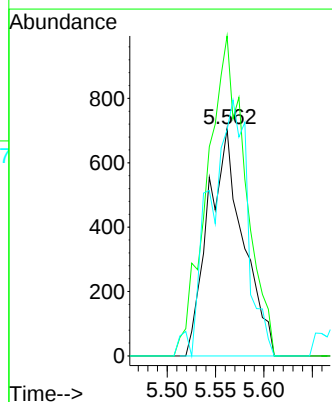
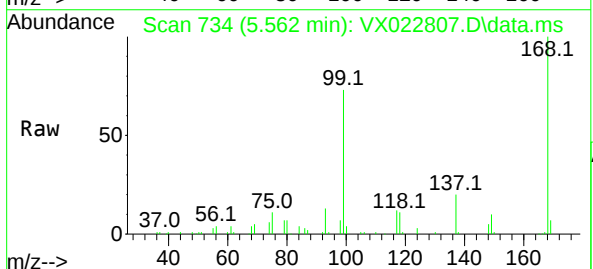
Instrument :
MSVOA_X
ClientSampled :

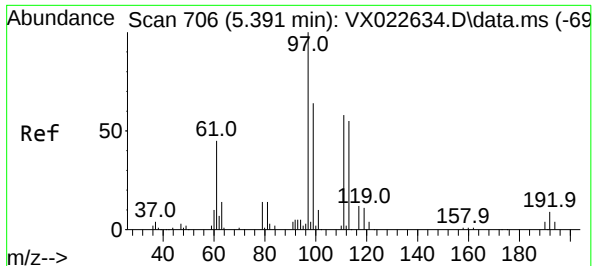
Tgt Ion: 83 Resp: 3489
Ion Ratio Lower Upper
83 100
85 49.6 52.0 78.0#



#31
Cyclohexane
Concen: 1.544 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 56 Resp: 1771
Ion Ratio Lower Upper
56 100
69 140.8 25.3 37.9#
84 99.4 71.4 107.0





#32

1,1,1-Trichloroethane

Concen: 1.322 ug/l

RT: 5.391 min Scan# 706

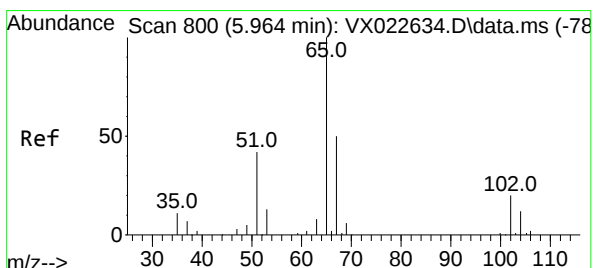
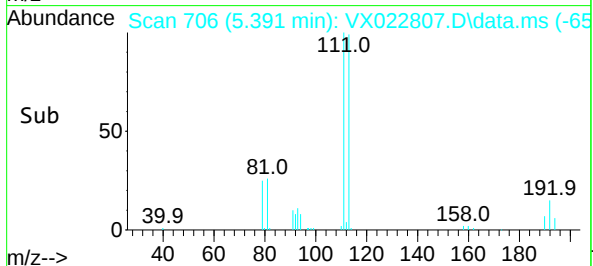
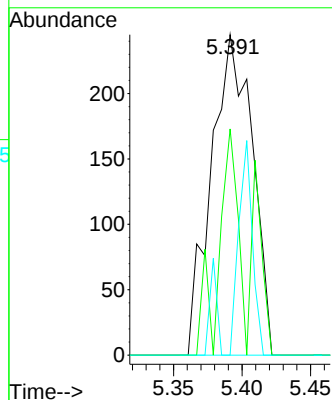
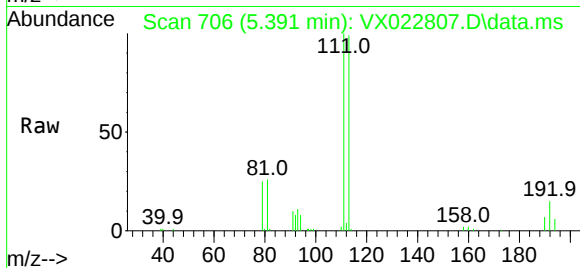
Delta R.T. 0.000 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion:	97	Resp:	510
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	22.5	34.2	51.4#

Instrument :
MSVOA_X
ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 54.672 ug/l

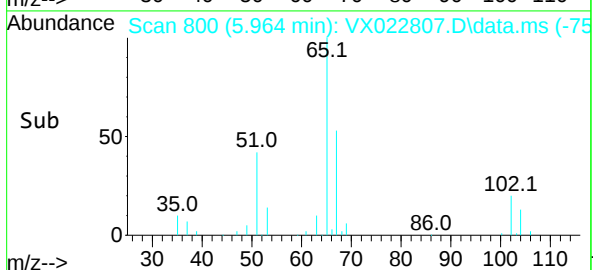
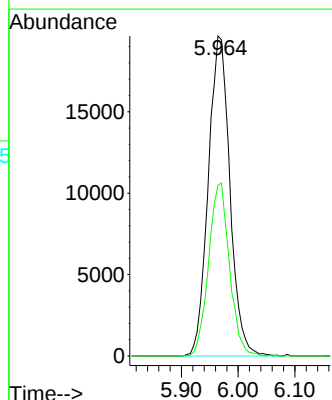
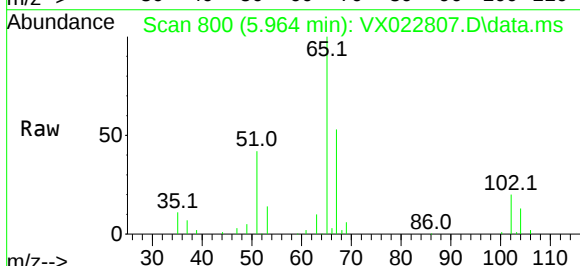
RT: 5.964 min Scan# 800

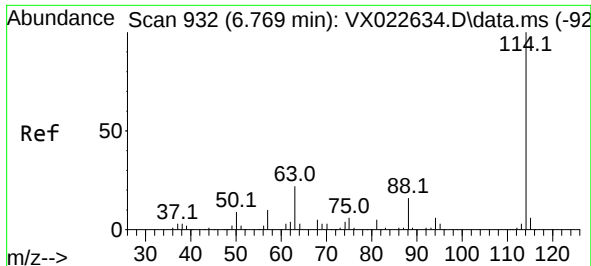
Delta R.T. 0.000 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion:	65	Resp:	51986
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

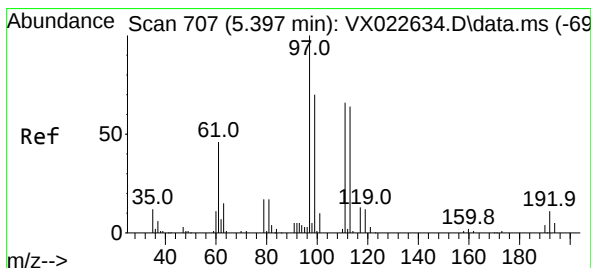
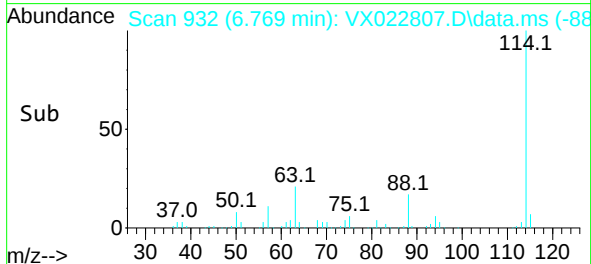
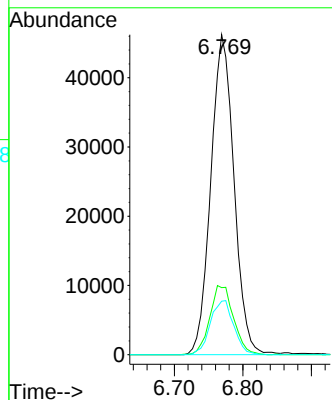
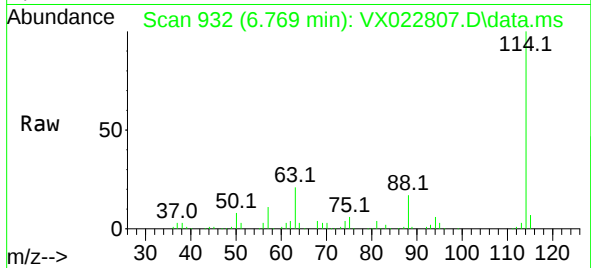




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

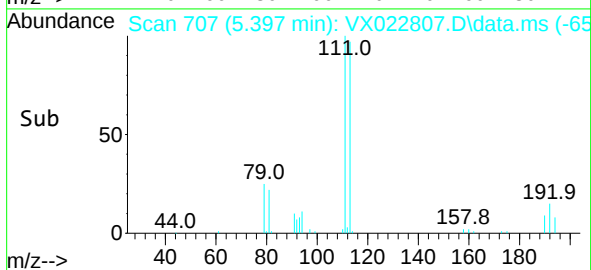
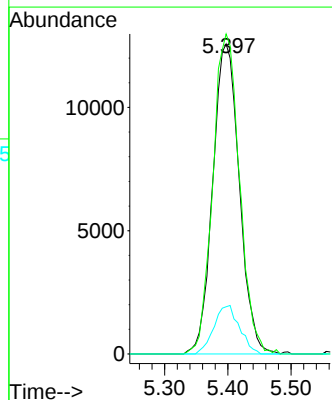
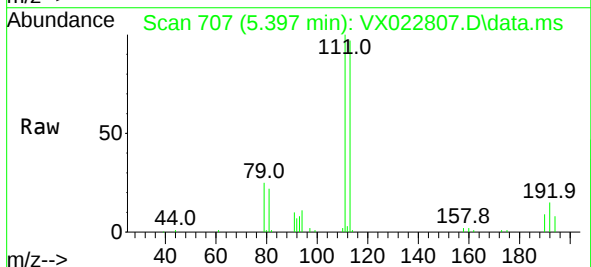
Instrument :
MSVOA_X
ClientSampled :

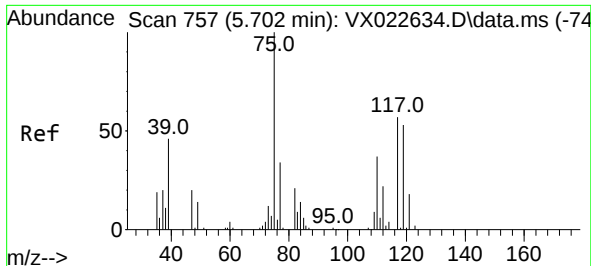
Tgt Ion:114 Resp: 108616
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.920 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

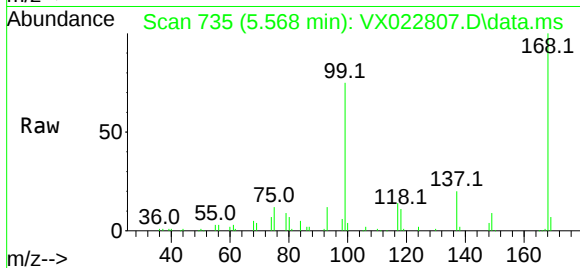
Tgt Ion:113 Resp: 36673
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 15.0 16.7 25.1#



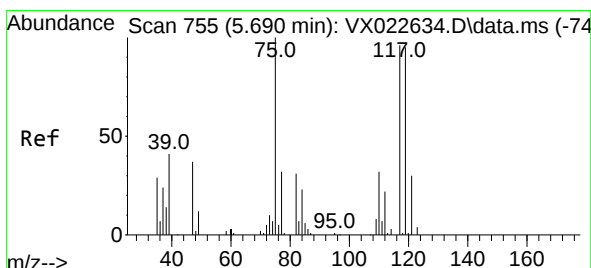
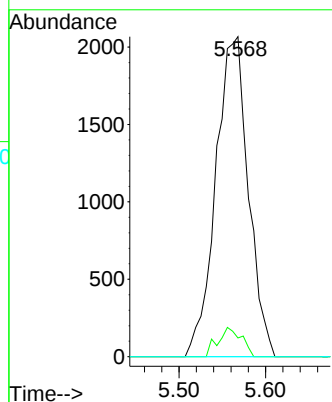
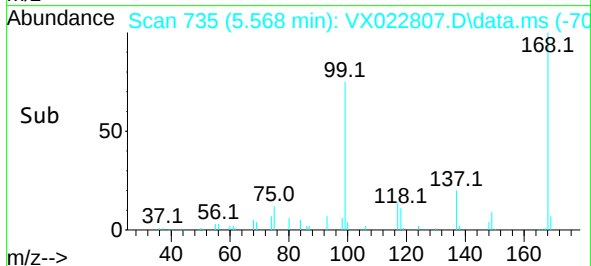


#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

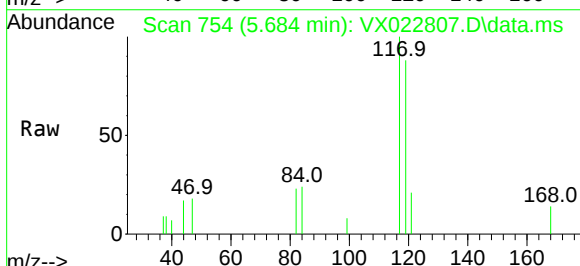
Instrument :
MSVOA_X
ClientSampled :



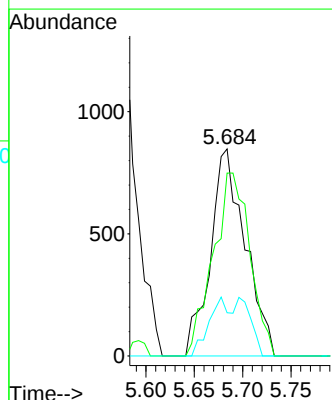
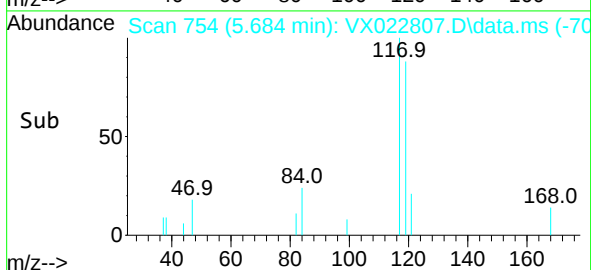
Tgt Ion: 75 Resp: 5403
Ion Ratio Lower Upper
75 100
110 6.6 18.1 54.4#
77 0.0 25.3 37.9#

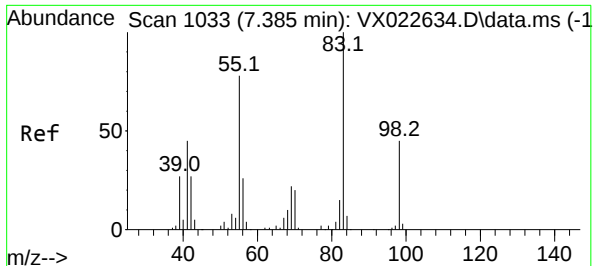


#38
Carbon Tetrachloride
Concen: 2.284 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08



Tgt Ion: 117 Resp: 2114
Ion Ratio Lower Upper
117 100
119 88.3 76.2 114.2
121 20.9 24.8 37.2#





#39

Methylcyclohexane

Concen: 4.446 ug/l

RT: 7.135 min Scan# 992

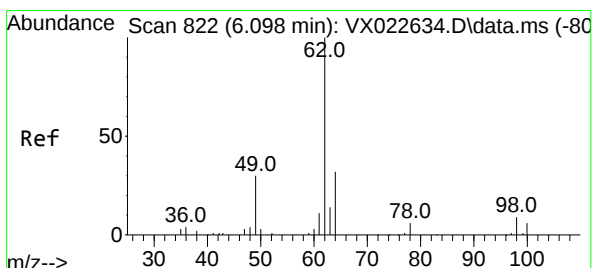
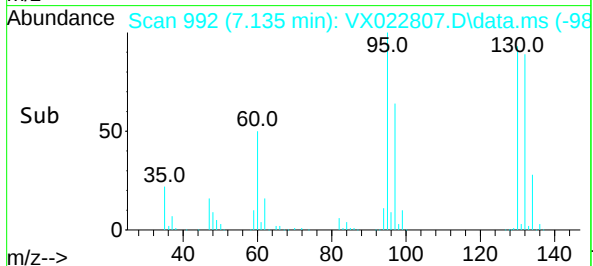
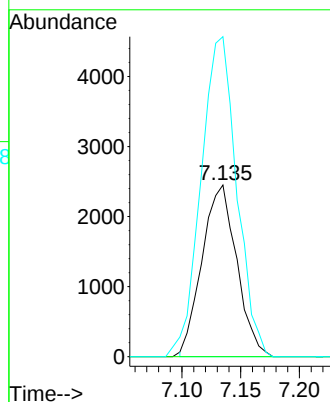
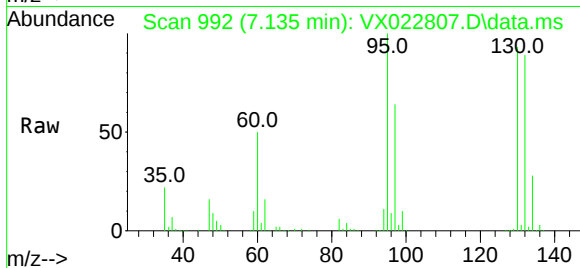
Delta R.T. -0.250 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion:	83	Resp:	5020
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	186.4	38.1	57.1#

Instrument :
MSVOA_X
ClientSampleId :



#42

1,2-Dichloroethane

Concen: 0.261 ug/l

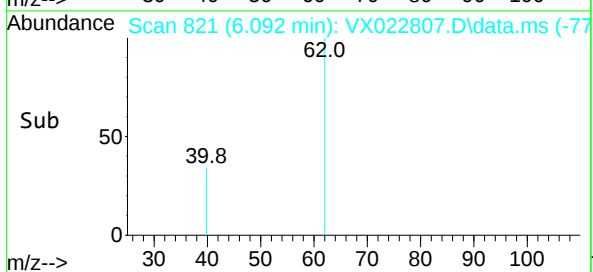
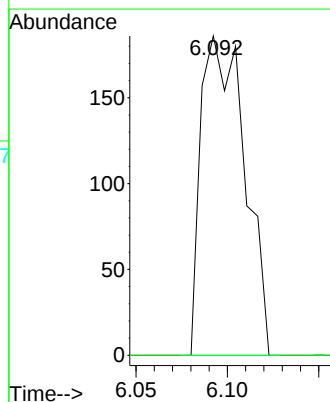
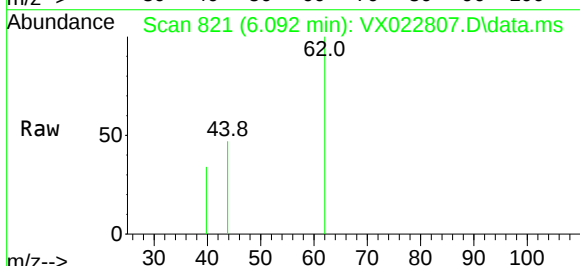
RT: 6.092 min Scan# 821

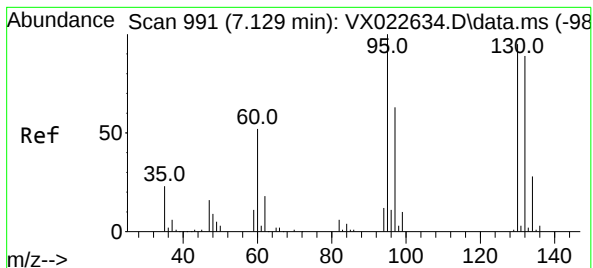
Delta R.T. -0.006 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

Tgt Ion:	62	Resp:	309
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





#44

Trichloroethene

Concen: 480.497 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022807.D

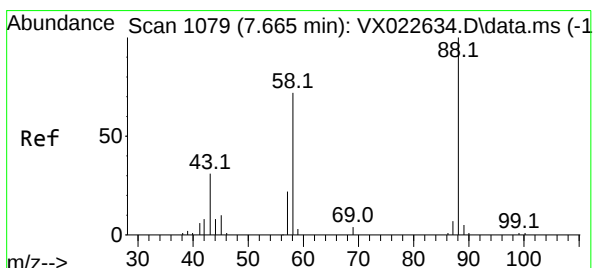
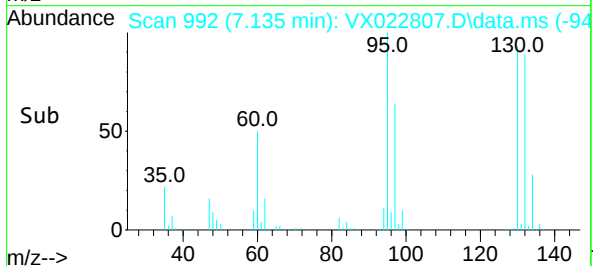
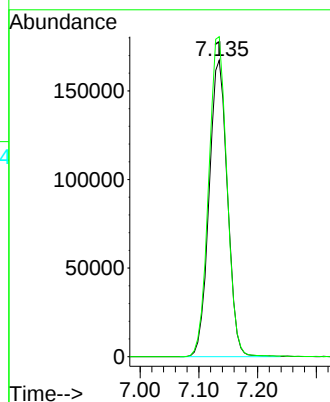
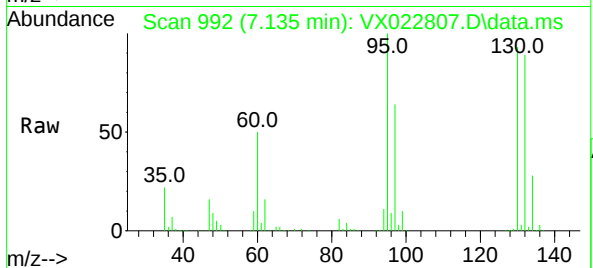
Acq: 21 Jun 2021 20:08

Tgt Ion:130 Resp: 363174

Ion Ratio Lower Upper

130 100

95 108.0 0.0 198.0



#49

1,4-Dioxane

Concen: 18.692 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX022807.D

Acq: 21 Jun 2021 20:08

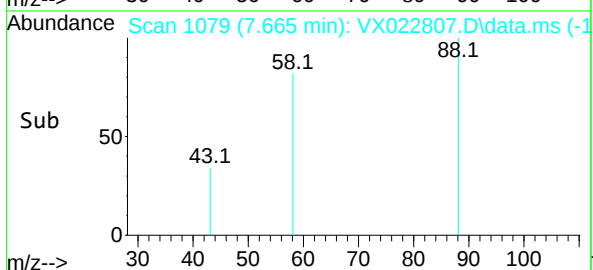
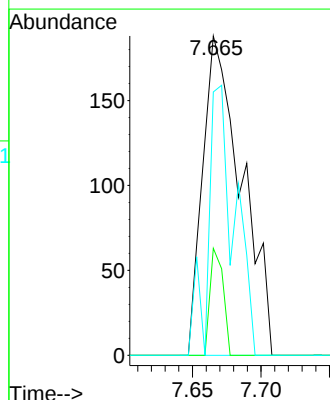
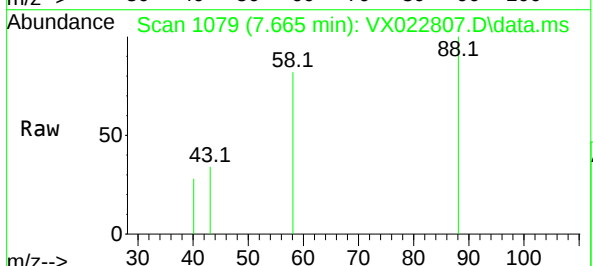
Tgt Ion: 88 Resp: 371

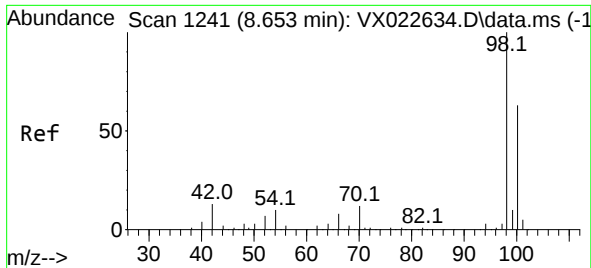
Ion Ratio Lower Upper

88 100

43 11.3 23.2 34.8#

58 57.7 55.0 82.4

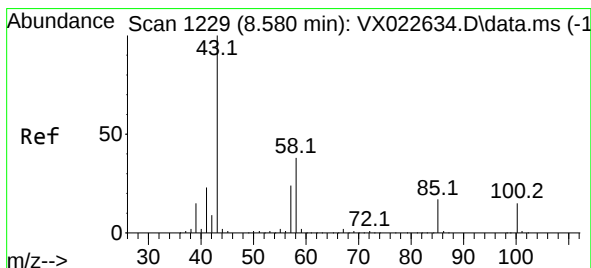
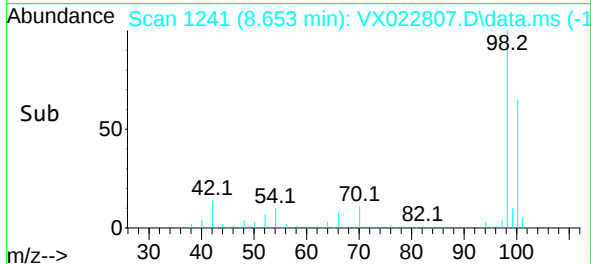
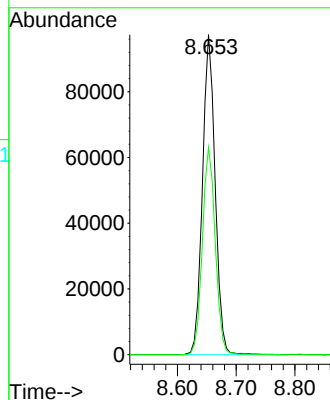
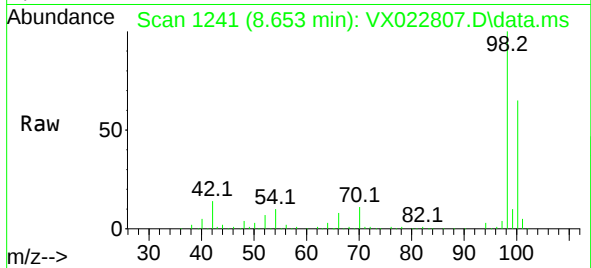




#50
Toluene-d8
Concen: 53.433 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

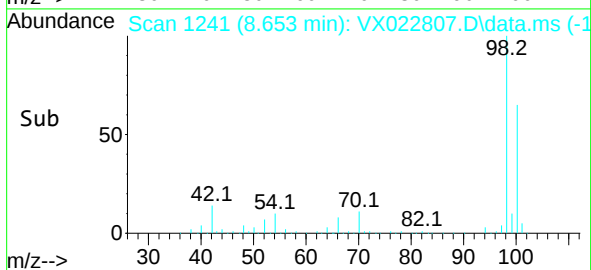
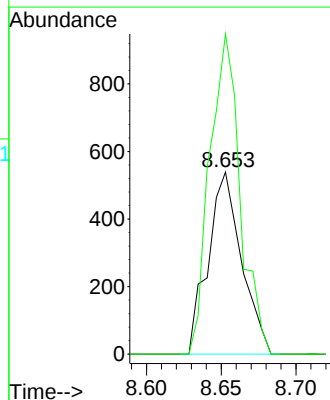
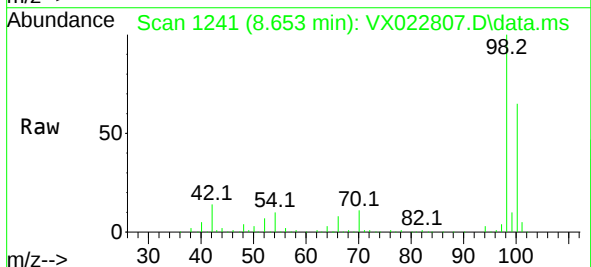
Instrument :
MSVOA_X
ClientSampled :

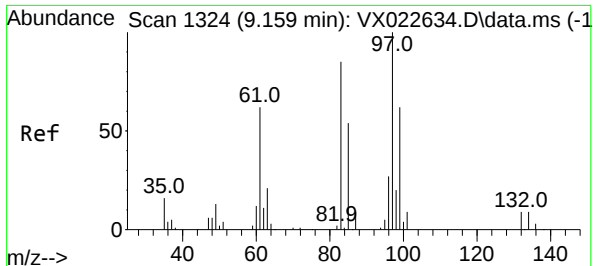
Tgt Ion: 98 Resp: 145970
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 160.3 35.4 53.0#

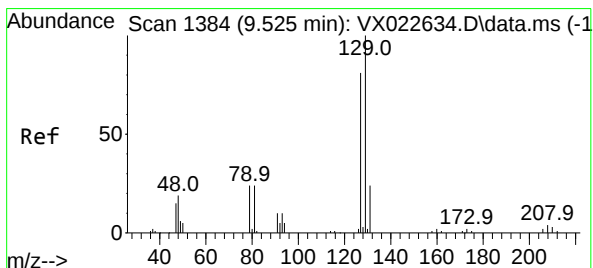
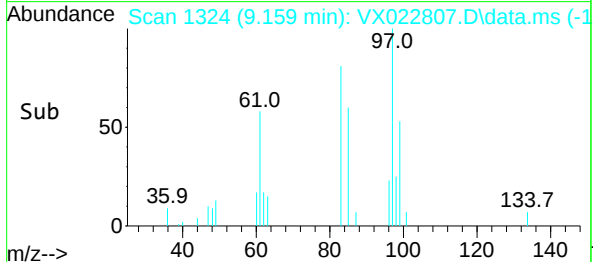
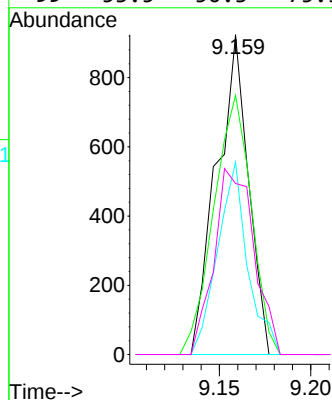
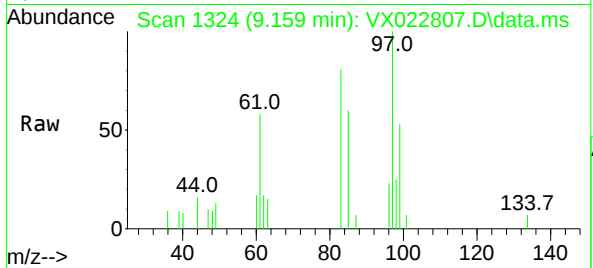




#55
1,1,2-Trichloroethane
Concen: 1.361 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

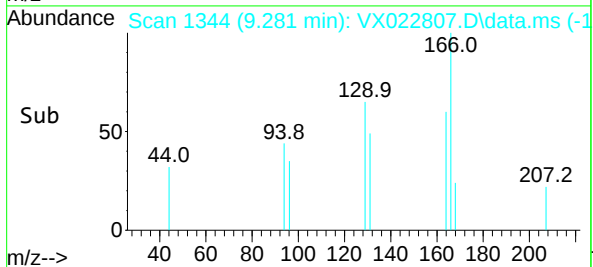
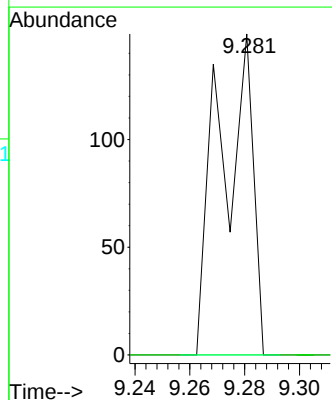
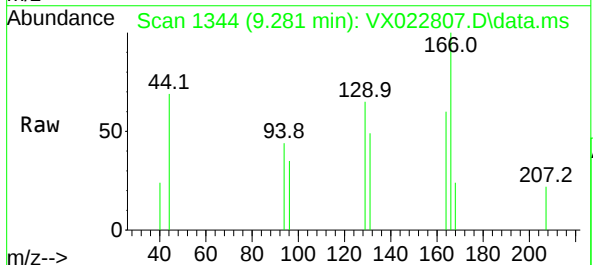
Instrument :
MSVOA_X
ClientSampled :

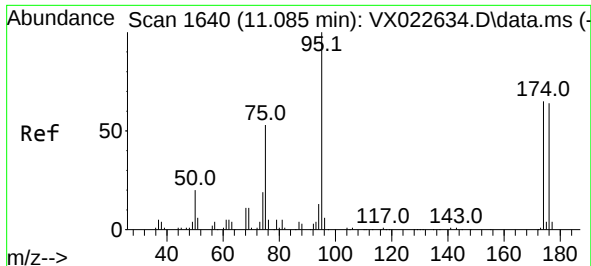
Tgt Ion: 97	Resp:	1116	
Ion	Ratio	Lower	Upper
97	100		
83	81.1	69.3	103.9
85	60.2	44.3	66.5
99	53.5	50.3	75.5



#60
Dibromochloromethane
Concen: 3.314 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion:129	Resp:	125	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

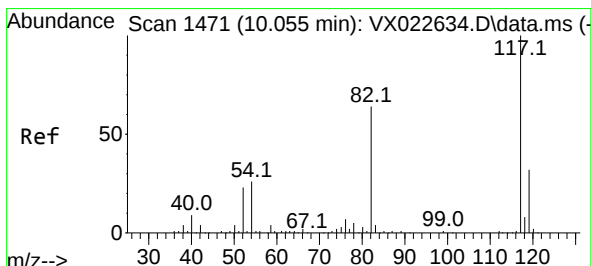
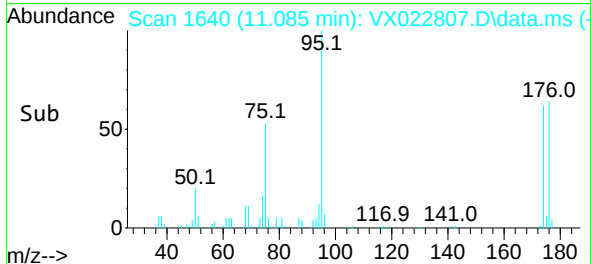
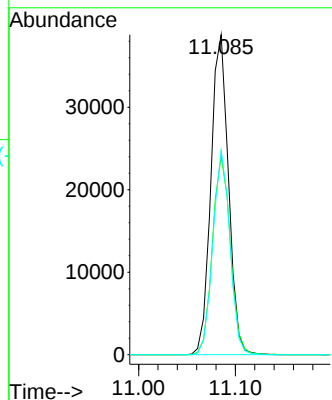
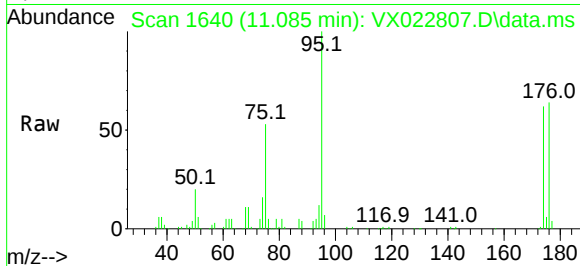




#62
4-Bromofluorobenzene
Concen: 47.428 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

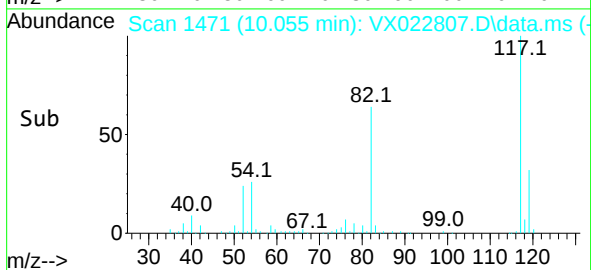
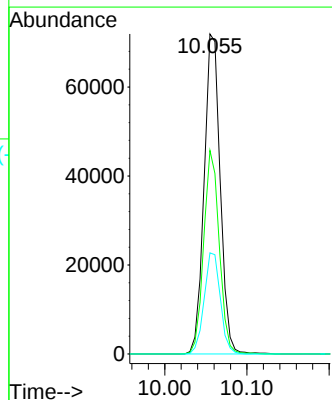
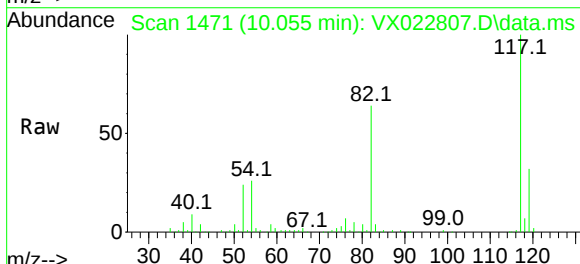
Instrument :
MSVOA_X
ClientSampled :

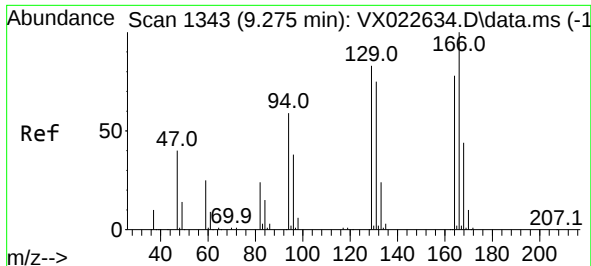
Tgt Ion: 95 Resp: 49002
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

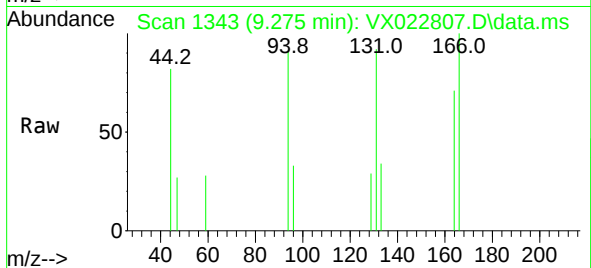
Tgt Ion: 117 Resp: 97999
Ion Ratio Lower Upper
117 100
82 63.6 47.4 71.2
119 31.6 26.6 39.8



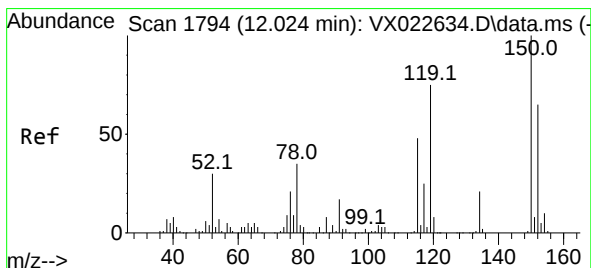
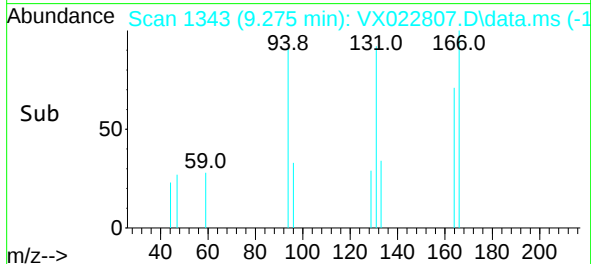
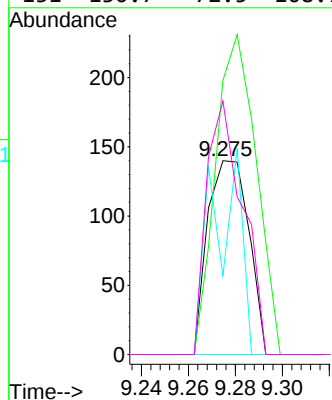


#64
Tetrachloroethene
Concen: 0.274 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Instrument :
MSVOA_X
ClientSampled :

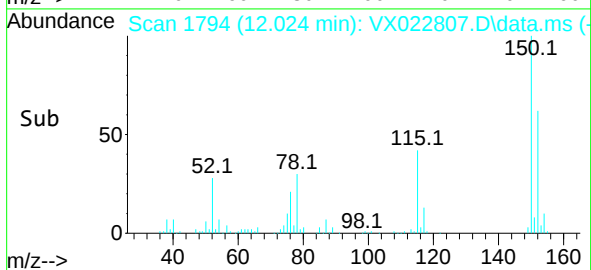
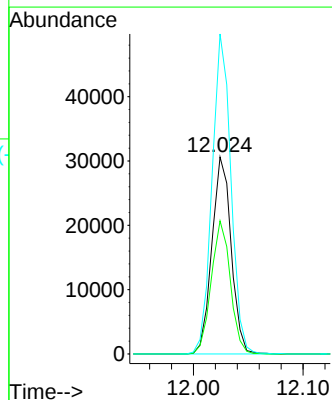
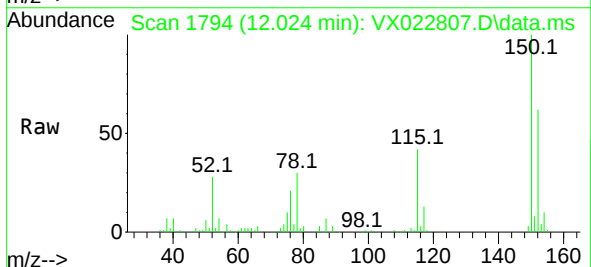


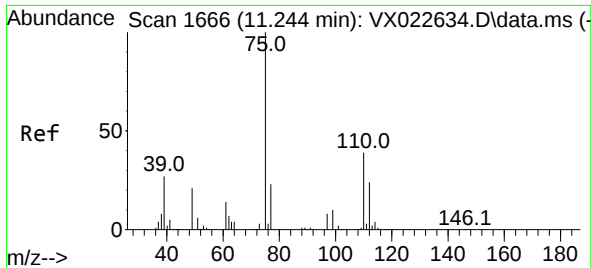
Tgt Ion:164 Resp: 170
Ion Ratio Lower Upper
164 100
166 141.4 103.4 155.2
129 40.7 70.8 106.2#
131 130.7 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion:152 Resp: 37413
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 159.0 0.0 349.0

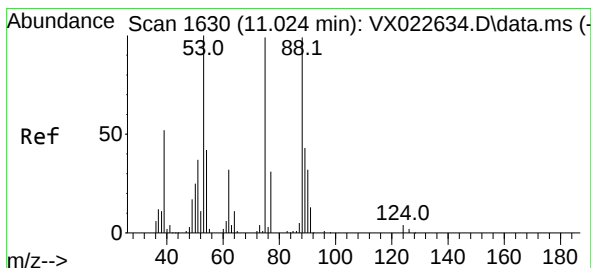
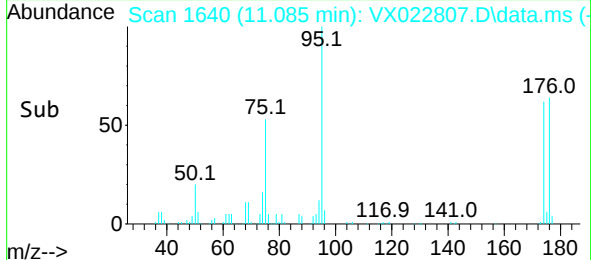
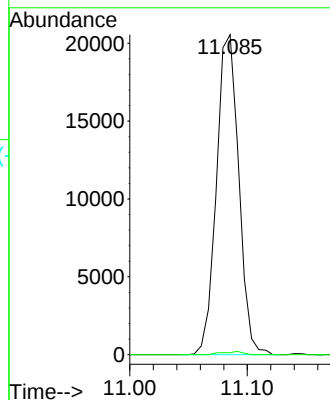
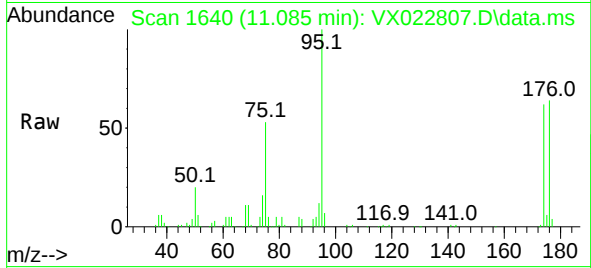




#76
1,2,3-Trichloropropane
Concen: 27.338 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27118
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.272 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022807.D
Acq: 21 Jun 2021 20:08

Tgt Ion: 75 Resp: 27118
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

