

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024570.D
 Acq On : 05 Oct 2021 14:52
 Operator : JC/MD
 Sample : M4045-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-100121RE

Quant Time: Oct 06 06:48:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

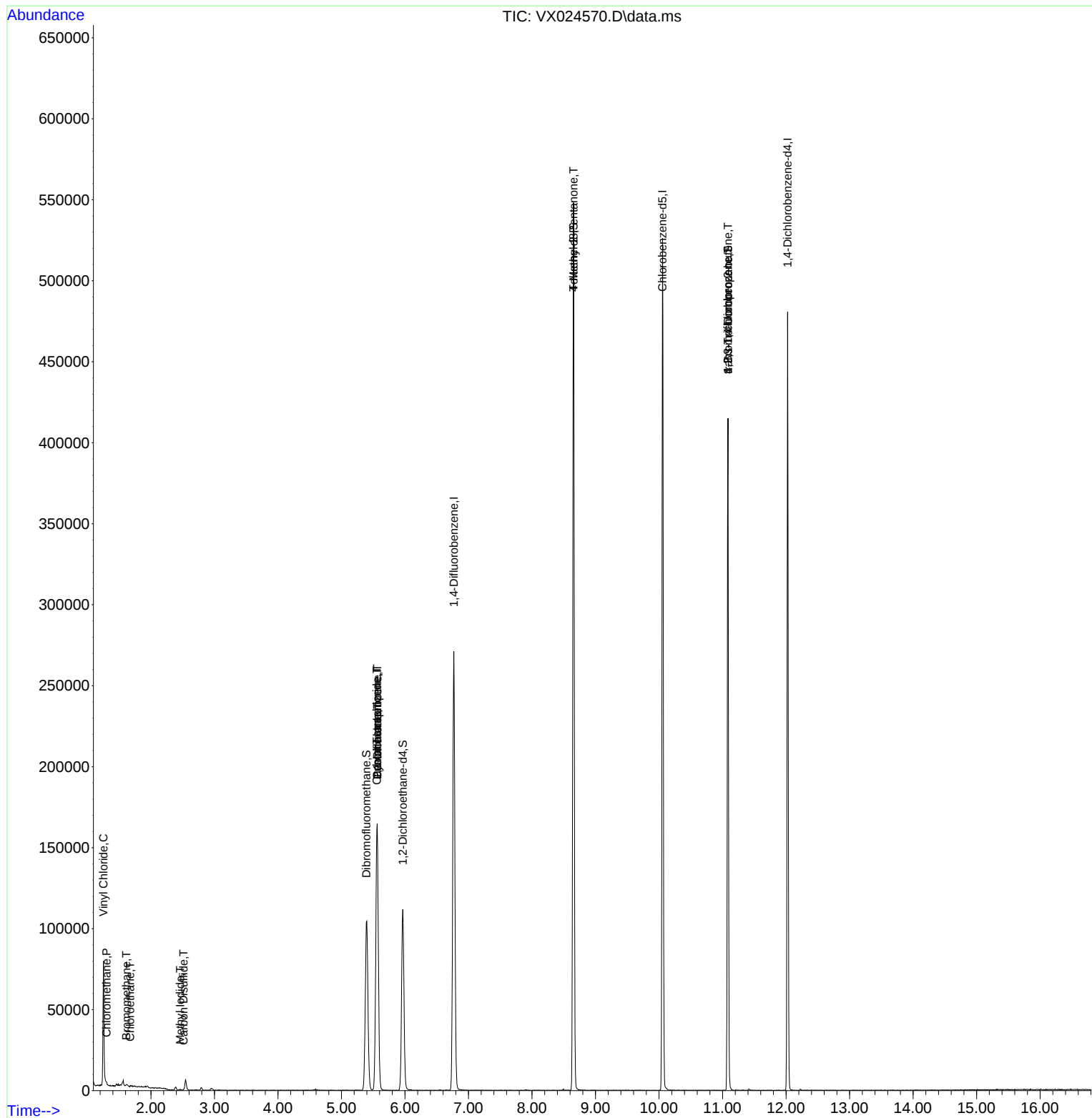
Internal Standards						
1) Pentafluorobenzene	5.562	168	155497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110142	50.258	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.520%		
35) Dibromofluoromethane	5.391	113	92438	50.787	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.580%		
50) Toluene-d8	8.653	98	308897	46.111	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 92.220%		
62) 4-Bromofluorobenzene	11.085	95	104765	39.775	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 79.560%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	637	0.432	ug/l #	86
4) Vinyl Chloride	1.252	62	382	0.248	ug/l #	1
5) Bromomethane	1.611	94	392	0.378	ug/l	83
6) Chloroethane	1.672	64	296	0.545	ug/l #	43
10) Methyl Iodide	2.459	142	512	0.238	ug/l #	81
11) Tert butyl alcohol	2.947	59	509	Below Cal	#	73
16) Acetone	2.392	43	2020	Below Cal		99
17) Carbon Disulfide	2.514	76	317	0.314	ug/l #	75
20) Methylene Chloride	2.788	84	777	Below Cal	#	83
31) Cyclohexane	5.562	56	3098	1.181	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	11456	4.362	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15865	5.549	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1366	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56557	26.263	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56557	71.520	ug/l #	12

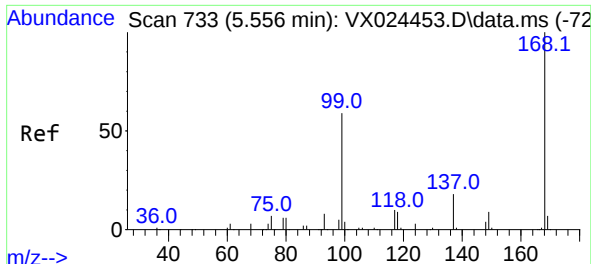
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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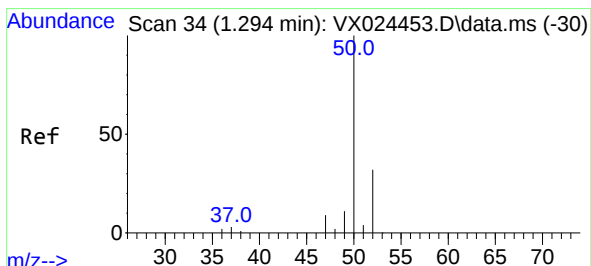
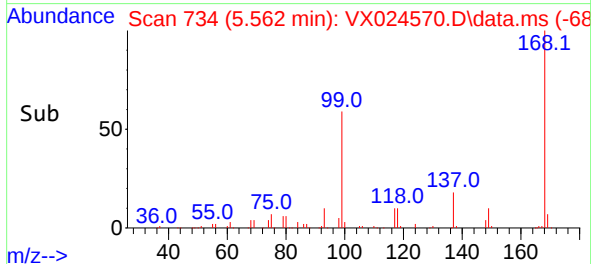
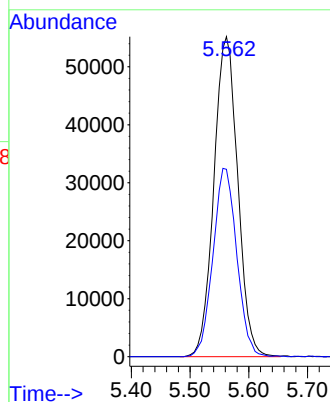
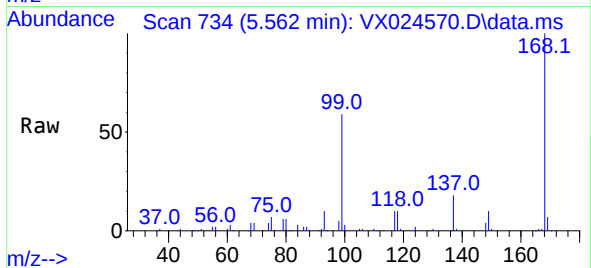




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

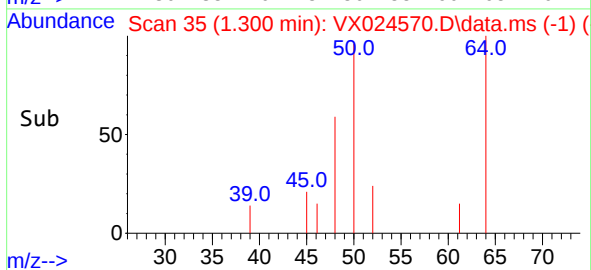
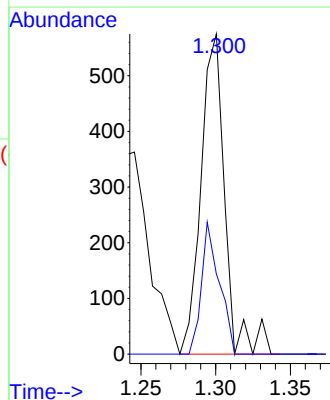
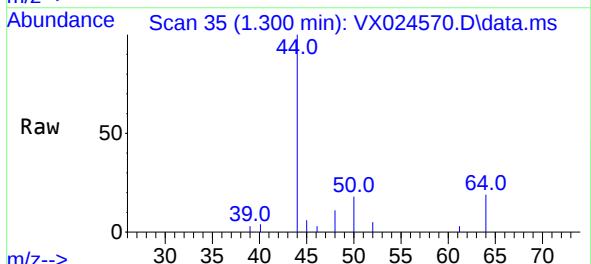
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

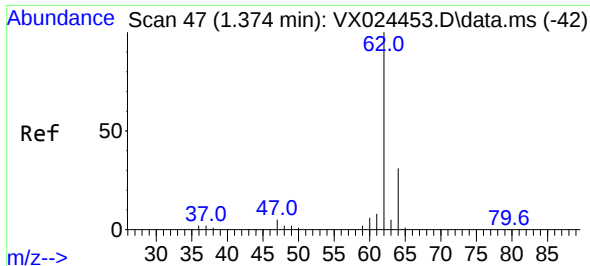
Tgt Ion:168 Resp: 155497
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.432 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 25.0 26.4 39.6#

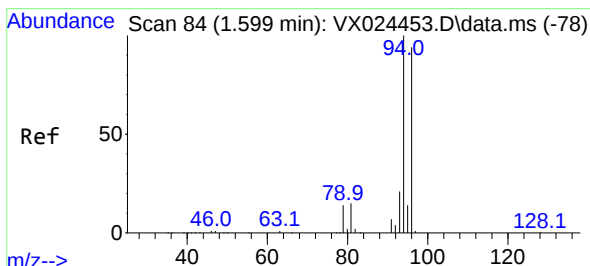
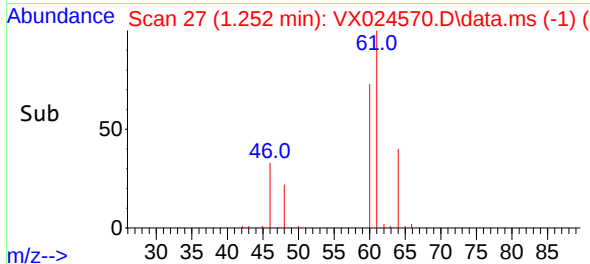
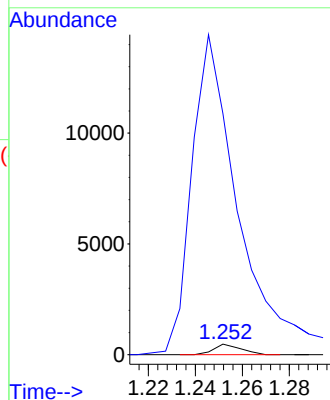
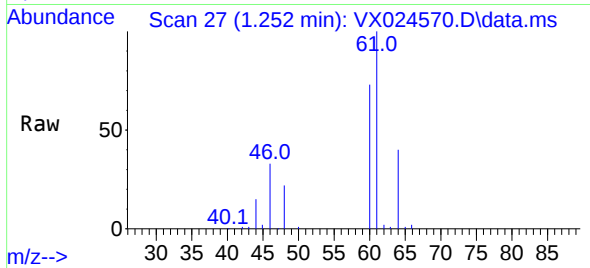




#4
 Vinyl Chloride
 Concen: 0.248 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024570.D
 Acq: 05 Oct 2021 14:52

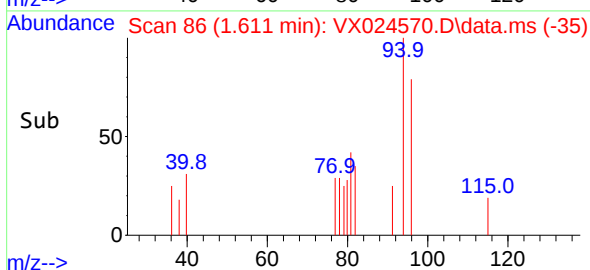
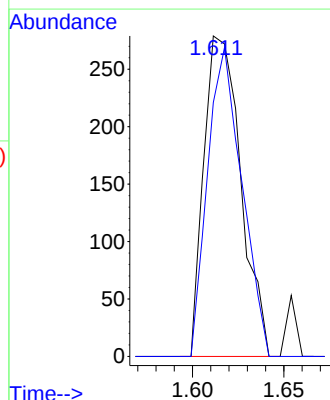
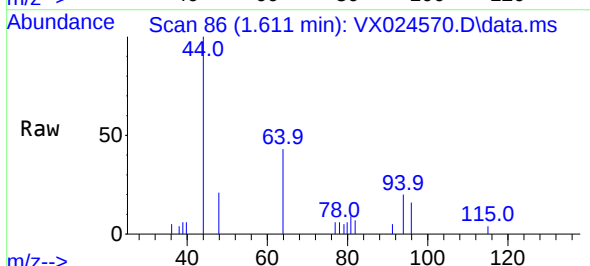
Instrument :
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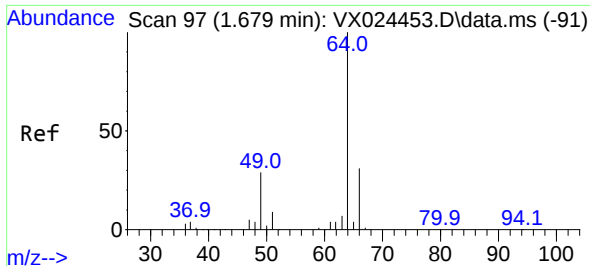
Tgt Ion: 62 Resp: 382
 Ion Ratio Lower Upper
 62 100
 64 1939.8 25.7 38.5#



#5
 Bromomethane
 Concen: 0.378 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX024570.D
 Acq: 05 Oct 2021 14:52

Tgt Ion: 94 Resp: 392
 Ion Ratio Lower Upper
 94 100
 96 79.2 76.4 114.6

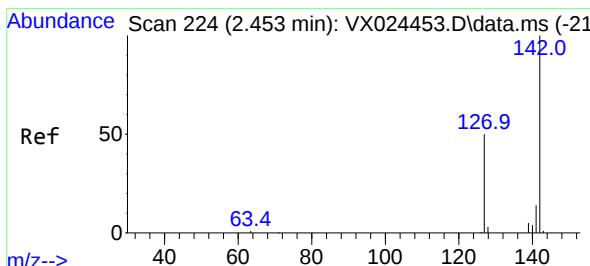
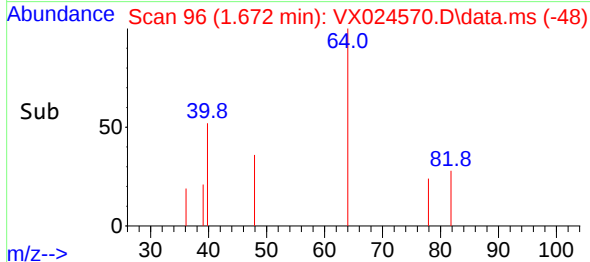
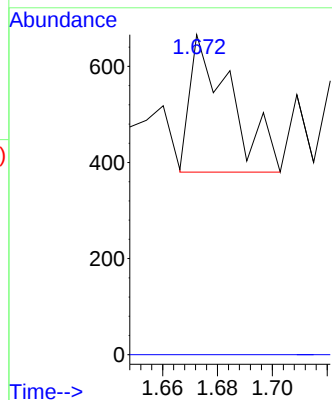
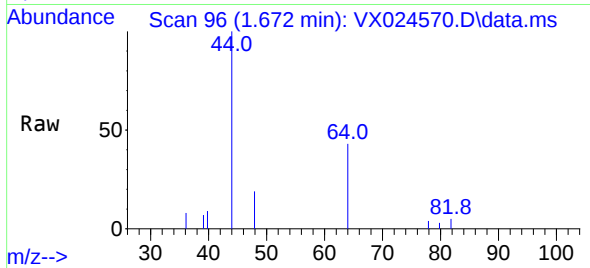




#6
Chloroethane
Concen: 0.545 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

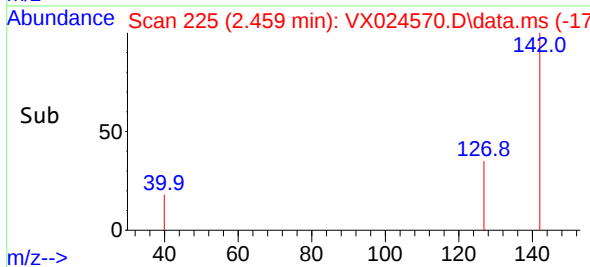
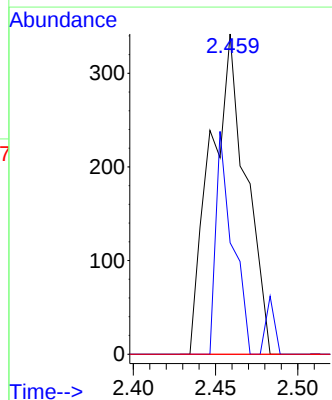
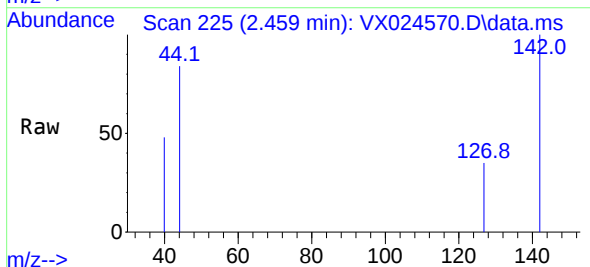
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

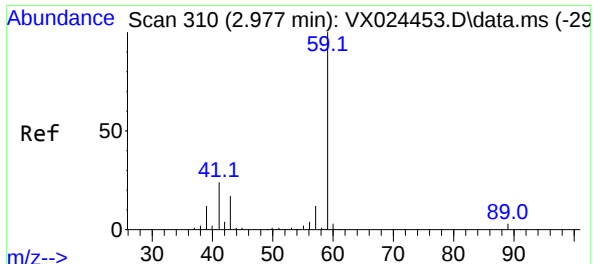
Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.238 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 142 Resp: 512
Ion Ratio Lower Upper
142 100
127 32.6 33.3 49.9#
141 0.0 11.4 17.0#



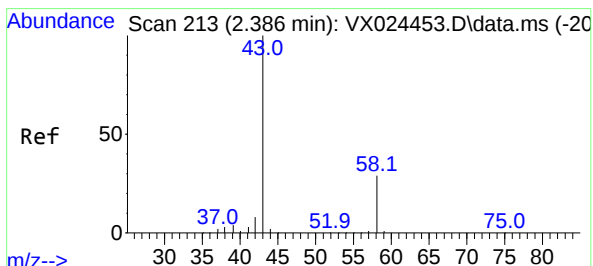
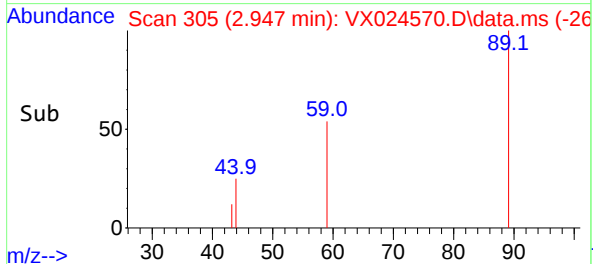
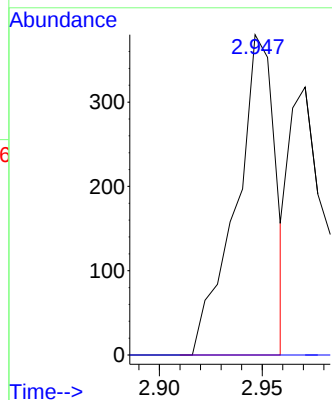
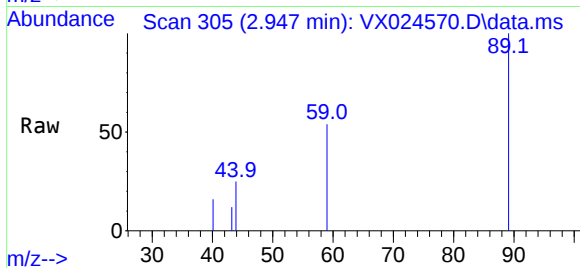


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

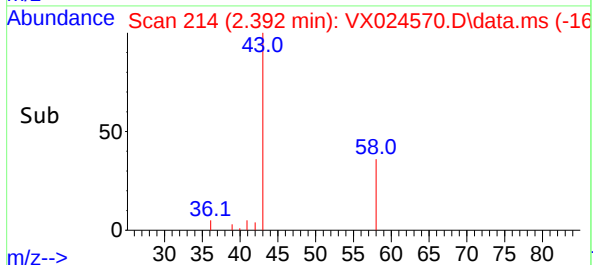
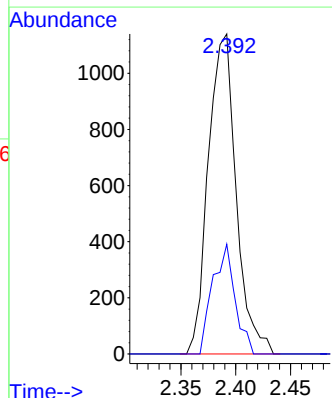
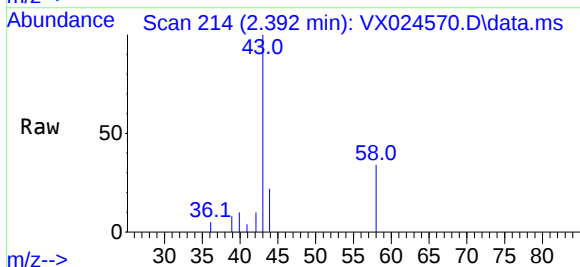
Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

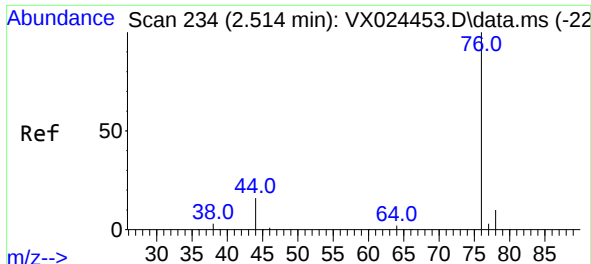


#16

Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8

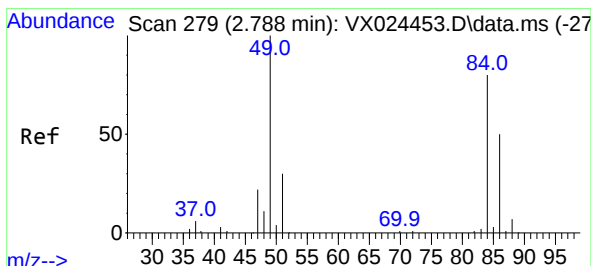
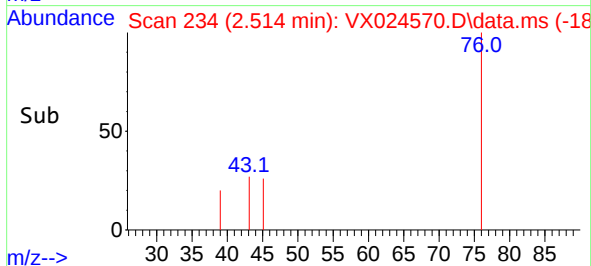
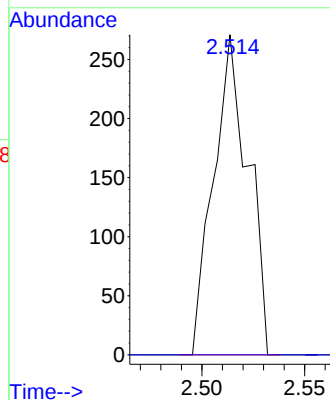
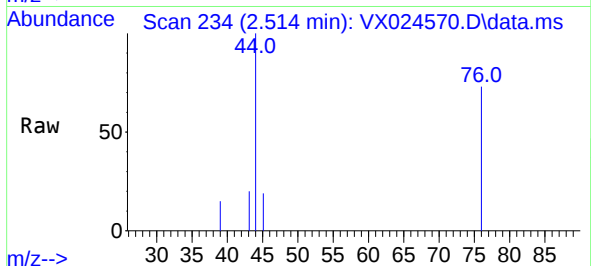




#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

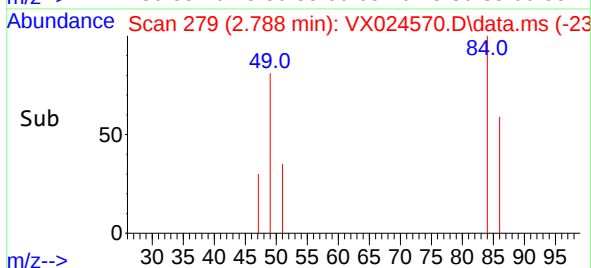
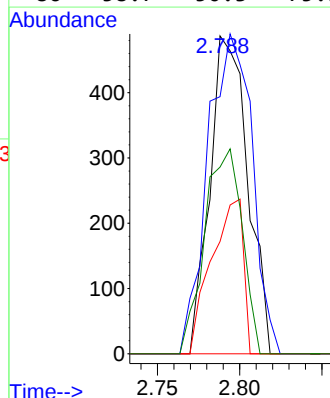
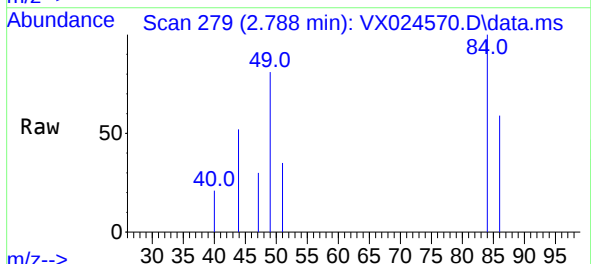
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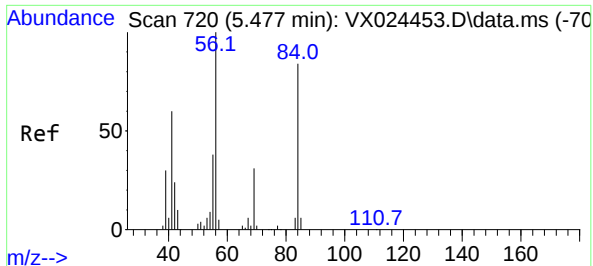
Tgt Ion: 76 Resp: 317
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 84 Resp: 777
Ion Ratio Lower Upper
84 100
49 80.9 88.6 132.8#
51 35.3 27.0 40.6
86 58.7 50.3 75.5

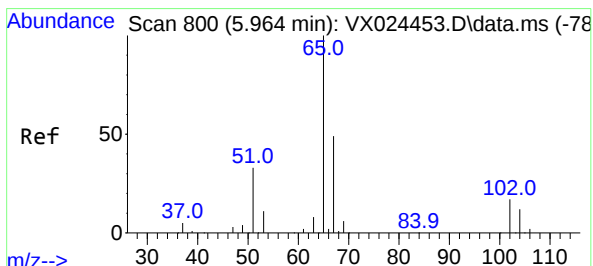
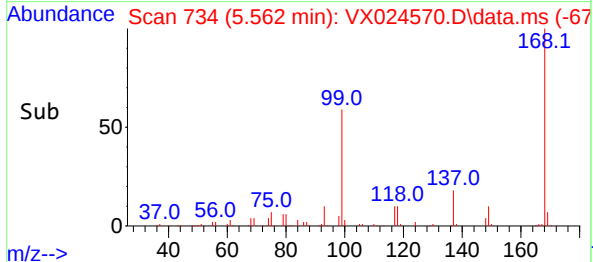
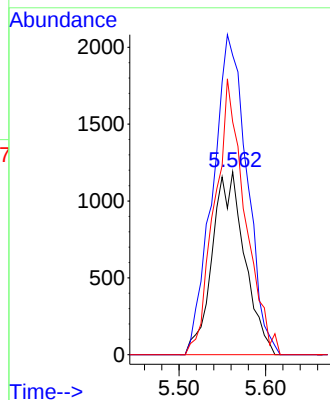
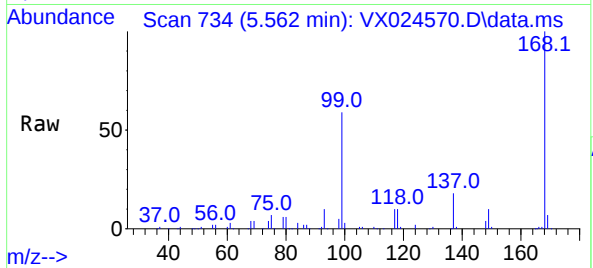




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

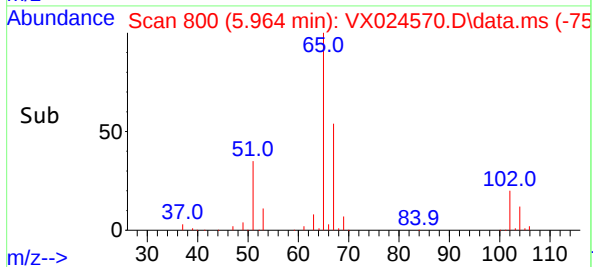
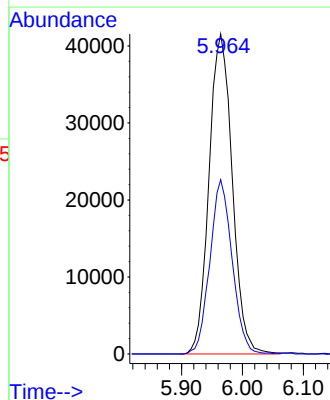
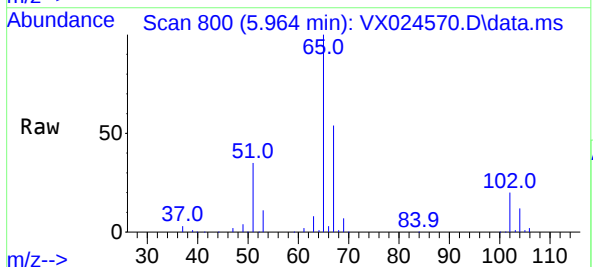
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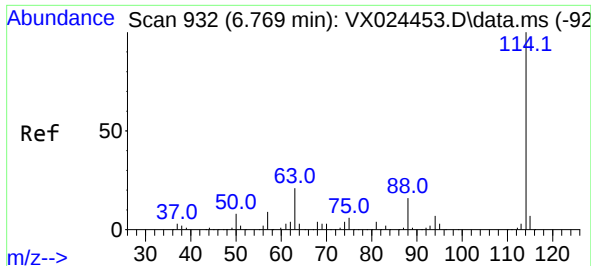
Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
69 163.7 25.3 37.9#
84 127.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.258 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 65 Resp: 110142
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

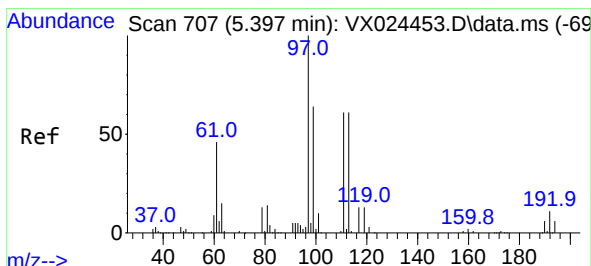
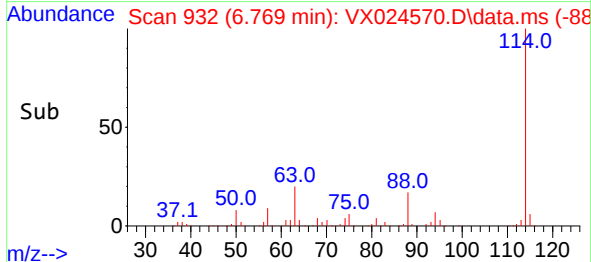
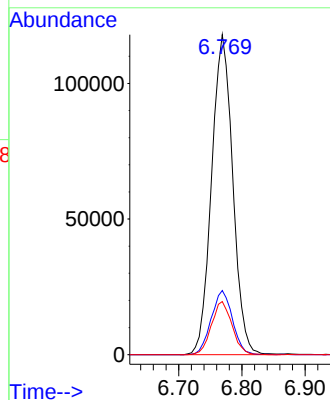
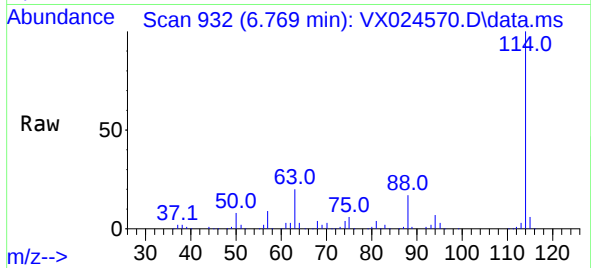




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

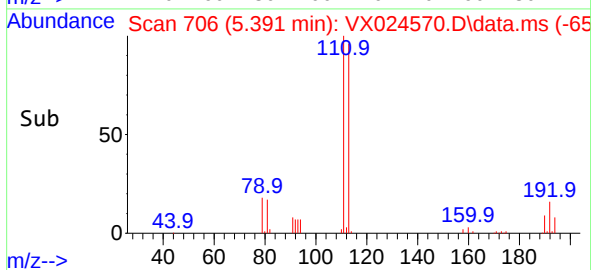
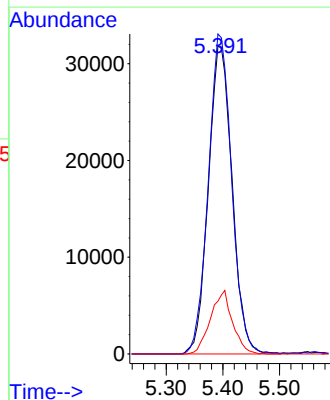
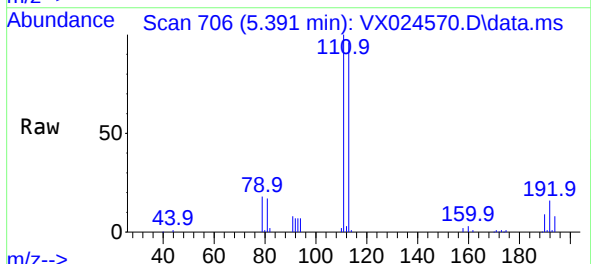
Instrument :
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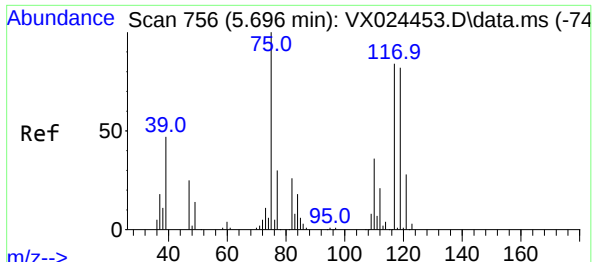
Tgt Ion:114 Resp: 273979
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion:113 Resp: 92438
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.1 16.7 25.1

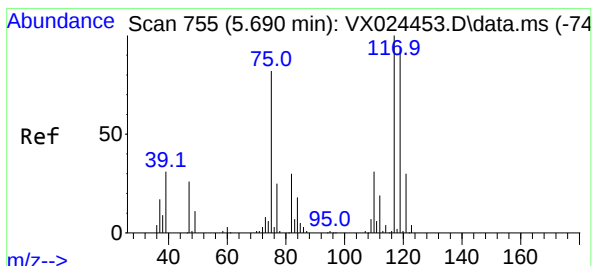
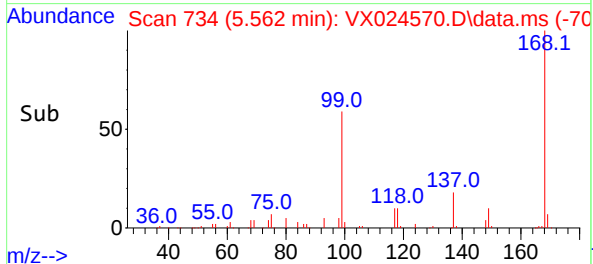
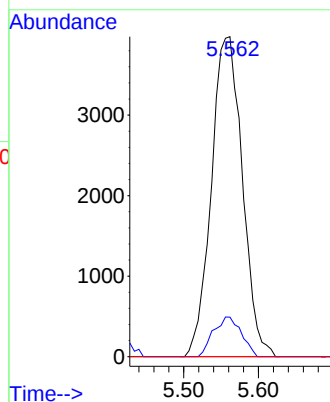
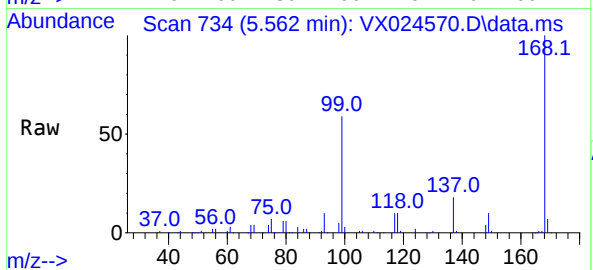




#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

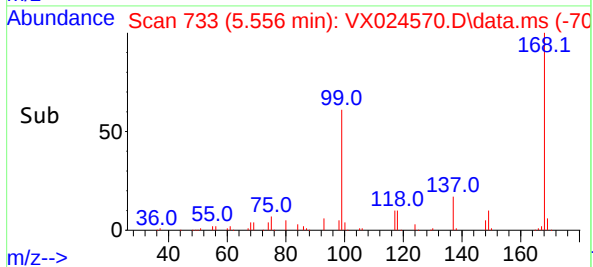
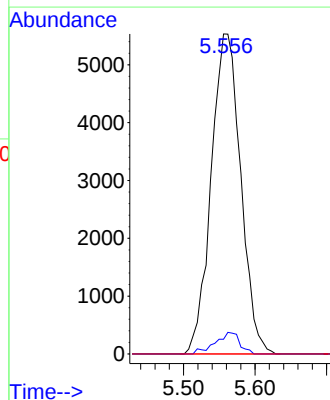
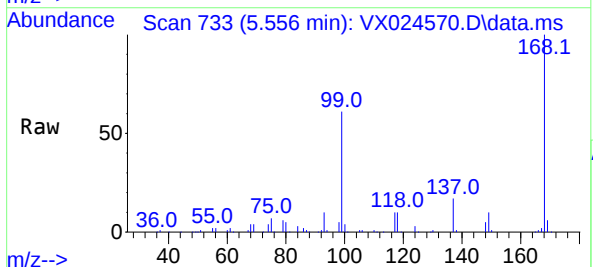
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

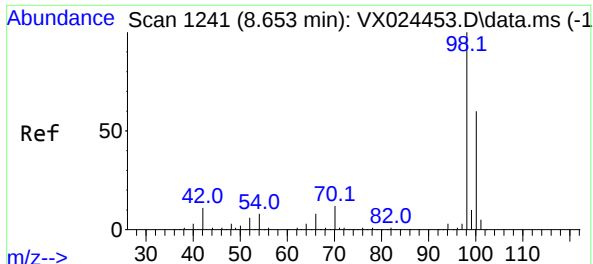
Tgt Ion: 75 Resp: 11456
Ion Ratio Lower Upper
75 100
110 11.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 117 Resp: 15865
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 46.111 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024570.D

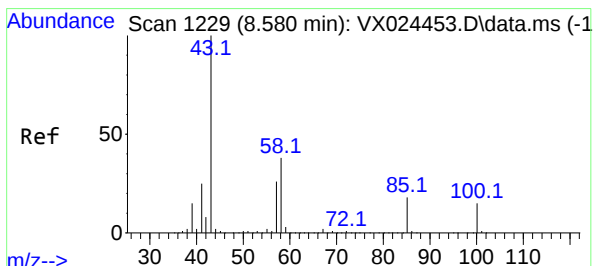
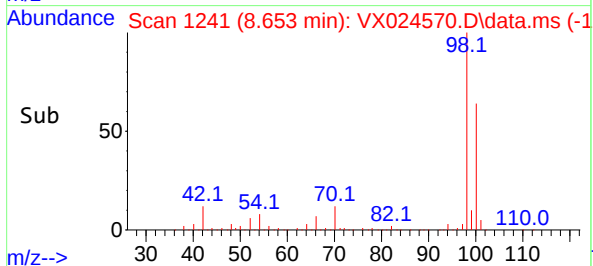
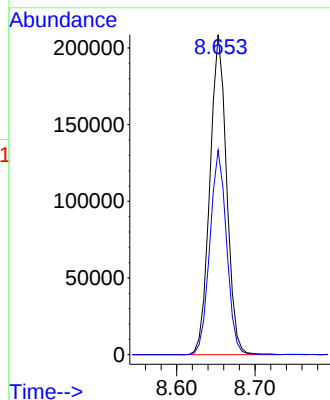
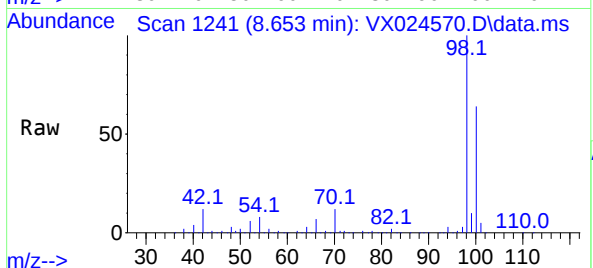
Acq: 05 Oct 2021 14:52

Tgt Ion: 98 Resp: 308897

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.415 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024570.D

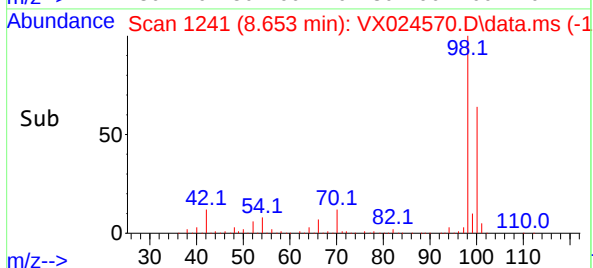
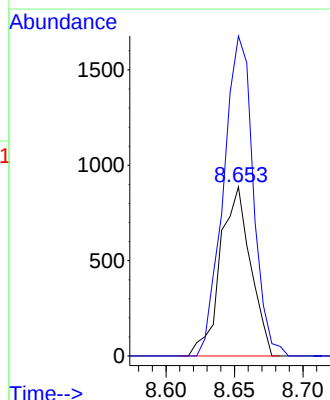
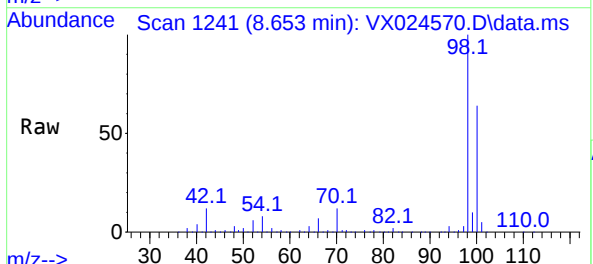
Acq: 05 Oct 2021 14:52

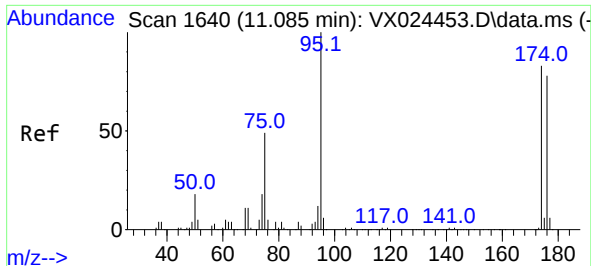
Tgt Ion: 43 Resp: 1366

Ion Ratio Lower Upper

43 100

58 185.9 35.4 53.0#

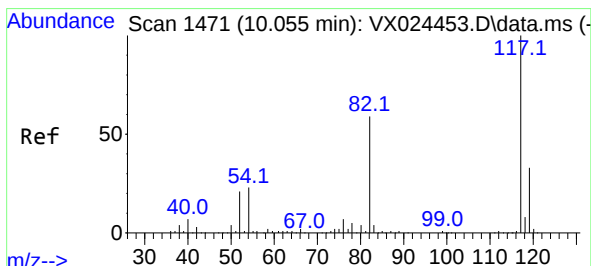
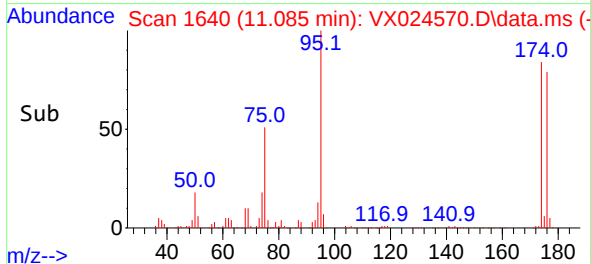
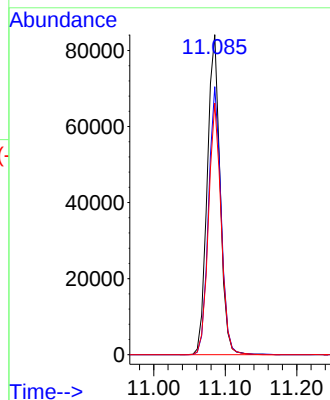
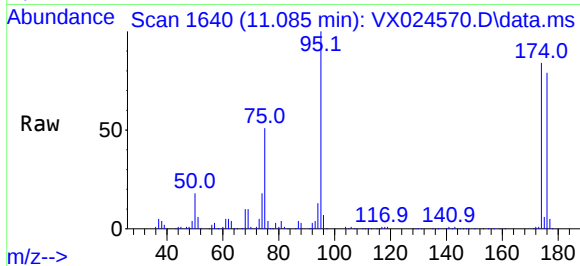




#62
4-Bromofluorobenzene
Concen: 39.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

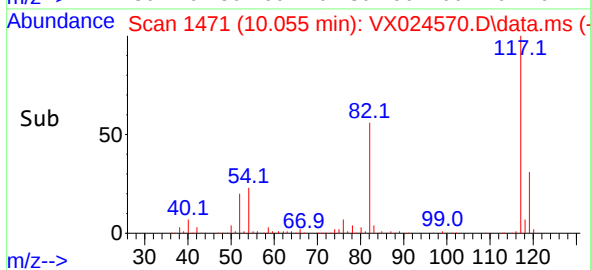
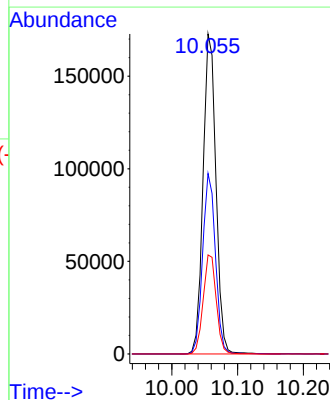
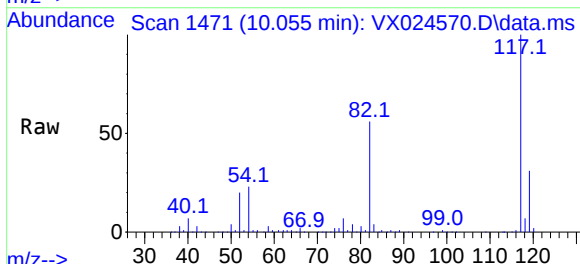
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

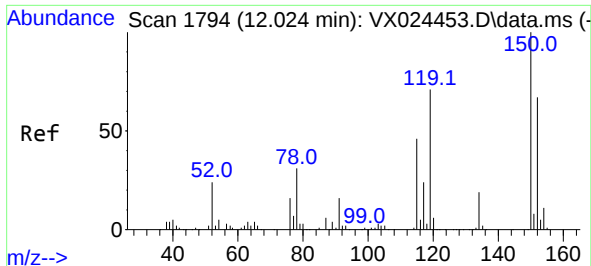
Tgt Ion: 95 Resp: 104765
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Tgt Ion: 117 Resp: 235572
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.0 26.6 39.8

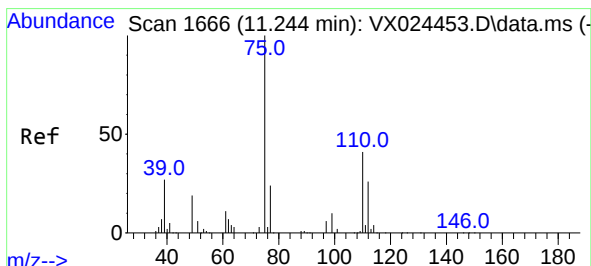
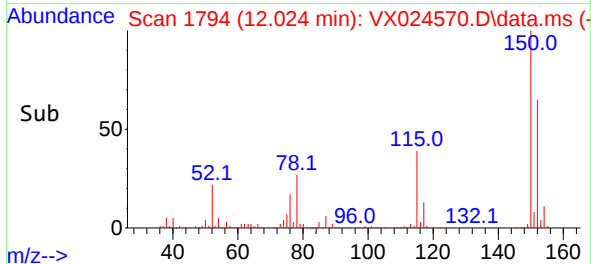
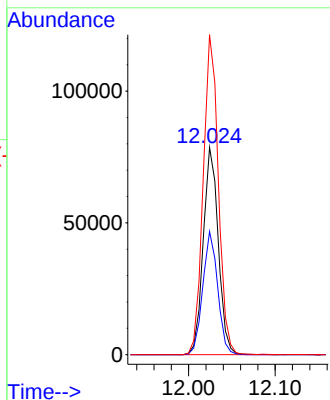
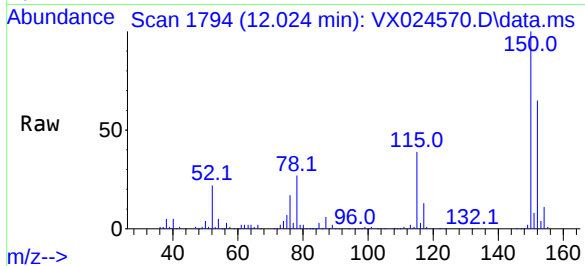




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

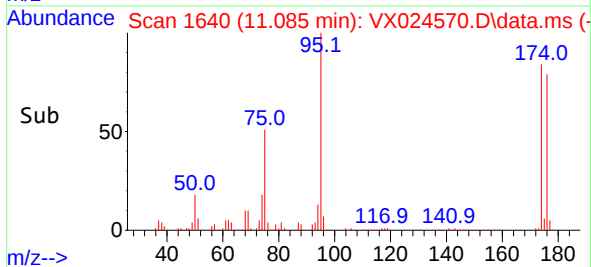
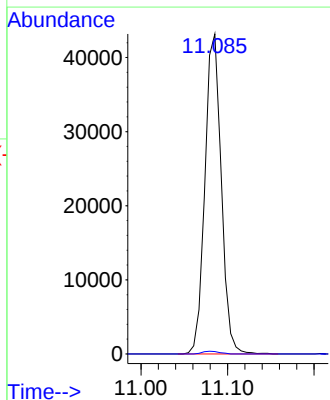
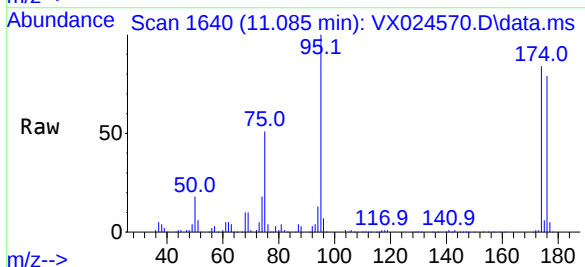
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE

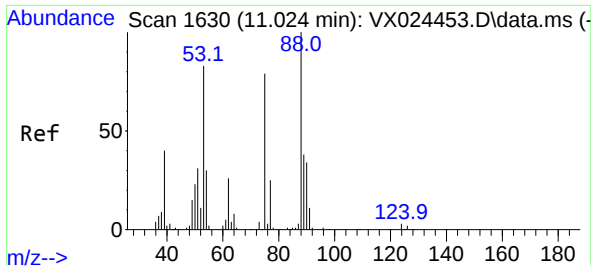
Tgt Ion:152 Resp: 94829
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 155.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.263 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

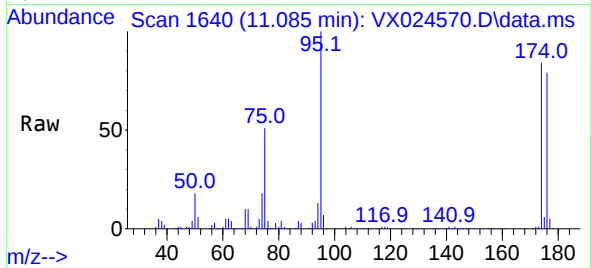
Tgt Ion: 75 Resp: 56557
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.520 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024570.D
Acq: 05 Oct 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100121RE



Tgt Ion: 75 Resp: 56557
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

