

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024571.D
 Acq On : 05 Oct 2021 15:16
 Operator : JC/MD
 Sample : M3989-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Oct 06 06:49:00 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	149891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108172	51.205	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.400%	
35) Dibromofluoromethane	5.391	113	88334	50.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.653	98	321072	49.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	11.085	95	106096	41.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.840%	

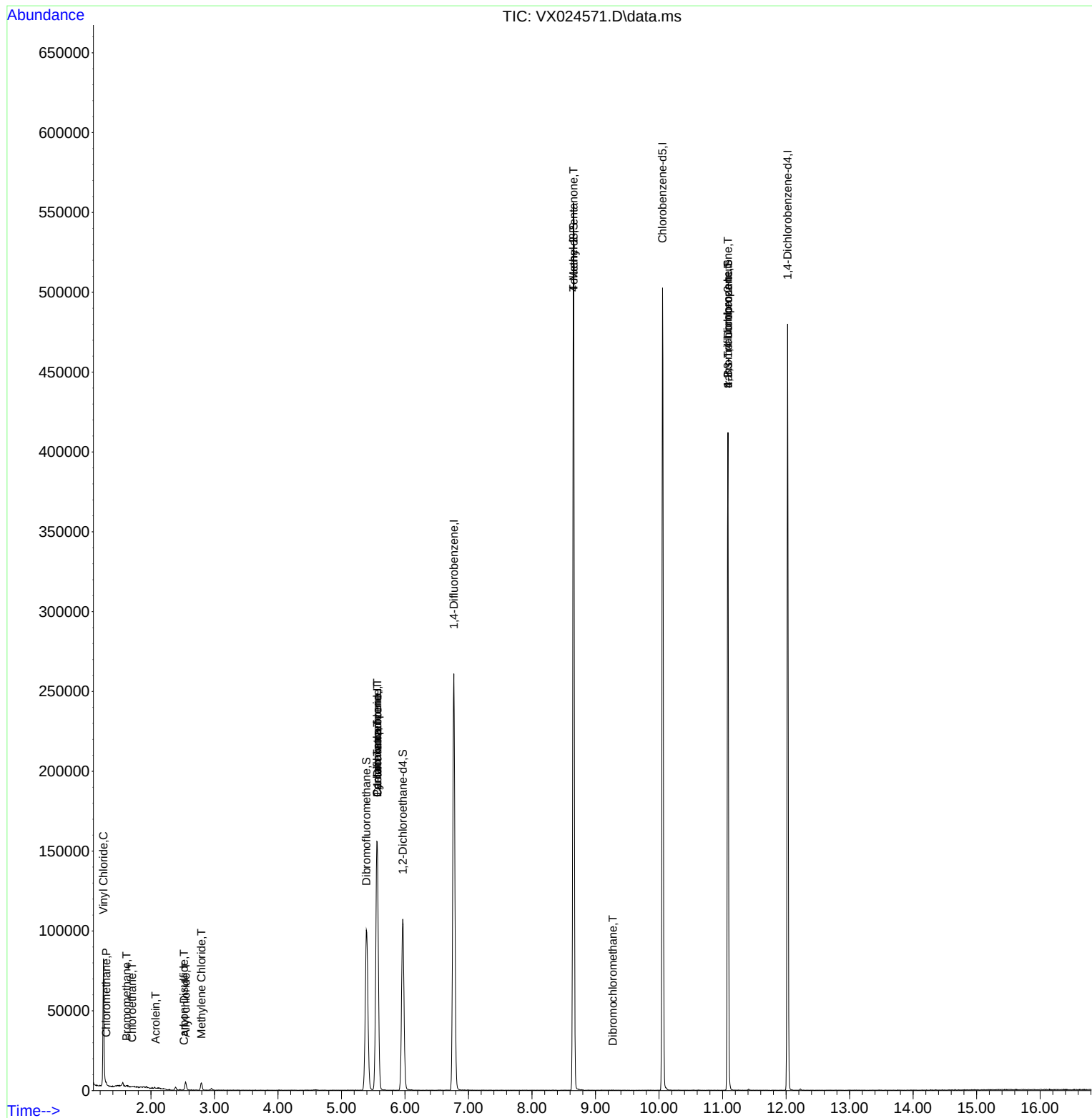
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	415	0.292	ug/l	95
4) Vinyl Chloride	1.252	62	417	0.280	ug/l #	1
5) Bromomethane	1.618	94	320	0.320	ug/l	89
6) Chloroethane	1.703	64	98	0.357	ug/l #	65
11) Tert butyl alcohol	2.953	59	683	Below Cal	#	73
13) Acrolein	2.075	56	45	10.436	ug/l #	14
14) Allyl chloride	2.544	41	698	0.278	ug/l #	57
16) Acetone	2.386	43	1748	Below Cal		92
17) Carbon Disulfide	2.520	76	206	0.286	ug/l #	75
20) Methylene Chloride	2.794	84	2314	0.327	ug/l	95
31) Cyclohexane	5.562	56	2736	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11411	4.521	ug/l #	45
38) Carbon Tetrachloride	5.562	117	15474	5.632	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1285	0.406	ug/l #	1
60) Dibromochloromethane	9.275	129	21	1.197	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55645	25.776	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55645	70.230	ug/l #	12

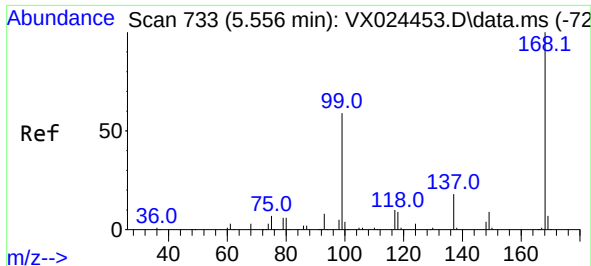
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 06 06:49:00 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

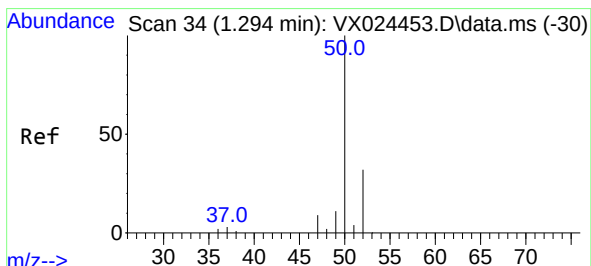
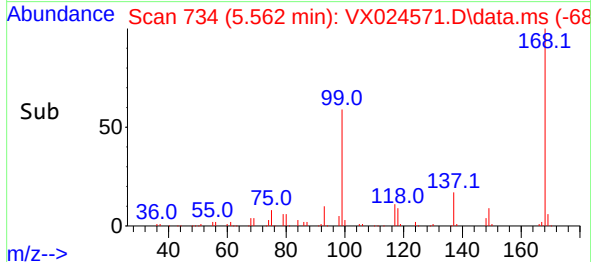
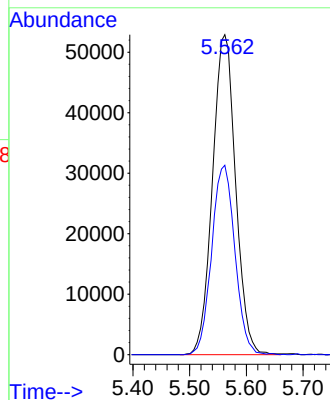
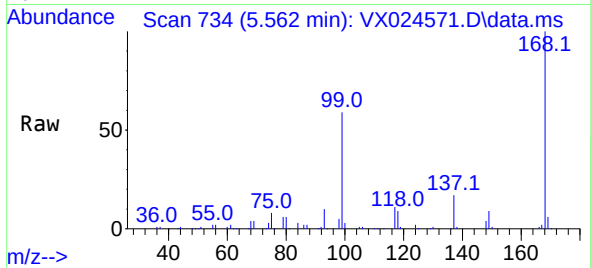




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

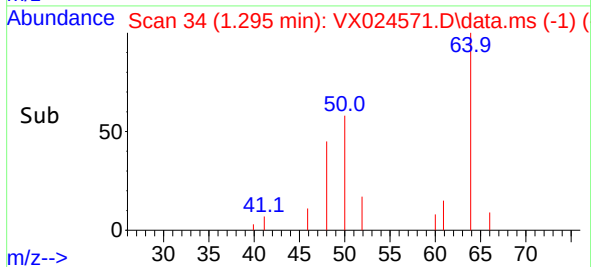
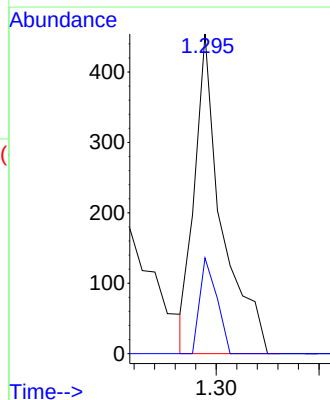
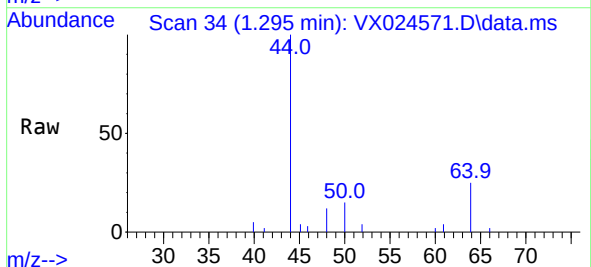
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 149891
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6

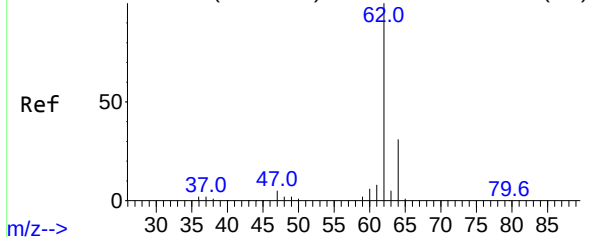


#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 30.0 26.4 39.6



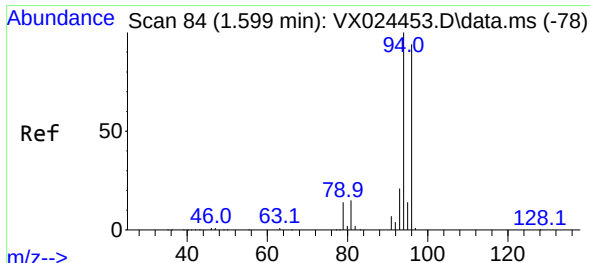
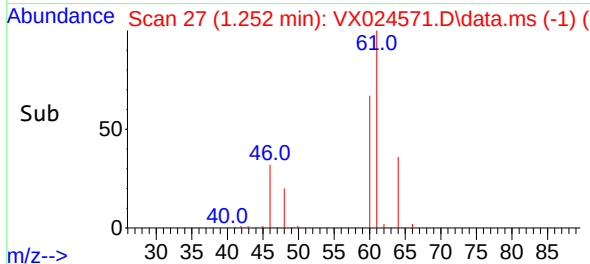
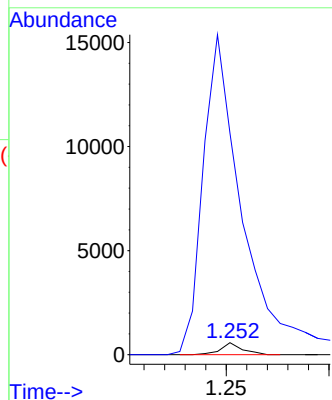
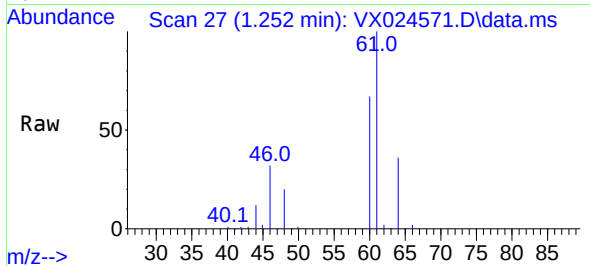
Abundance Scan 47 (1.374 min): VX024453.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 0.280 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

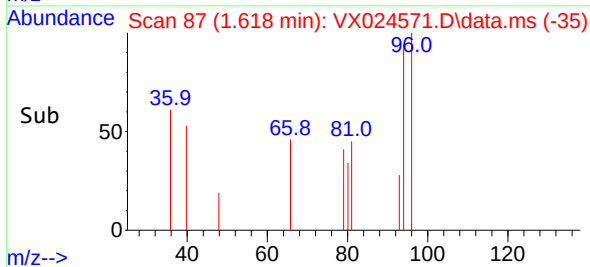
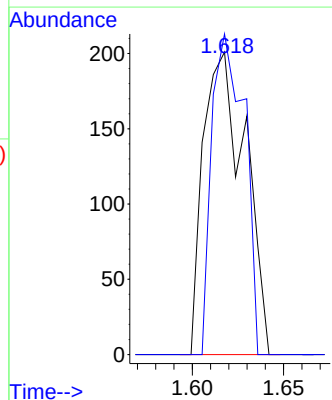
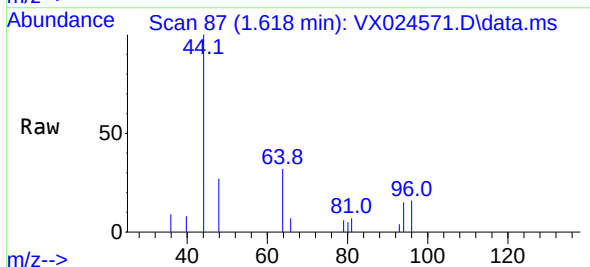
Instrument :
MSVOA_X
ClientSampleId :
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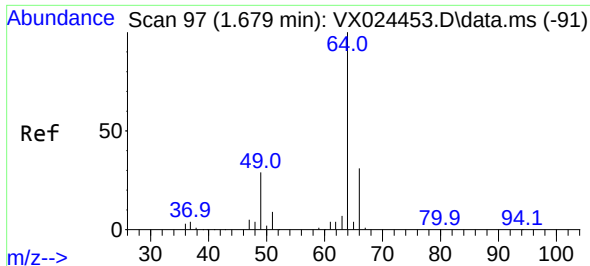
Tgt Ion: 62 Resp: 417
Ion Ratio Lower Upper
62 100
64 1815.2 25.7 38.5#



#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 106.0 76.4 114.6

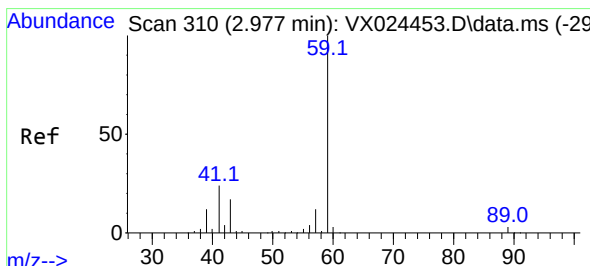
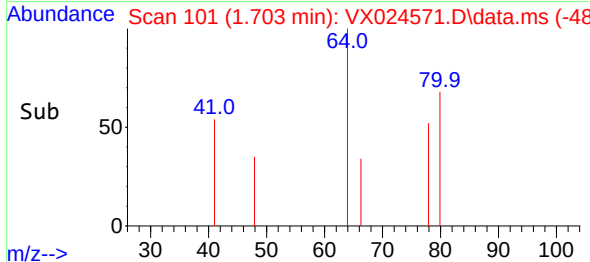
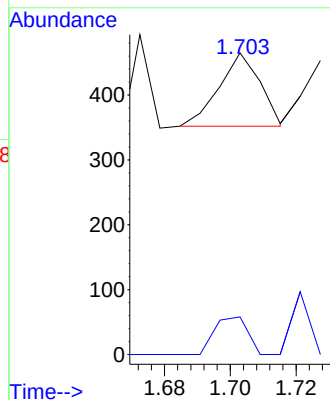
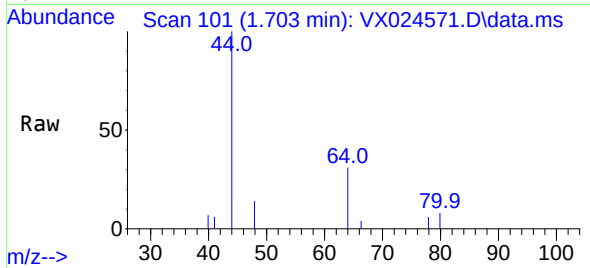




#6
Chloroethane
Concen: 0.357 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

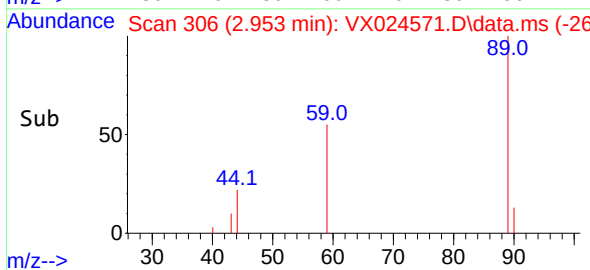
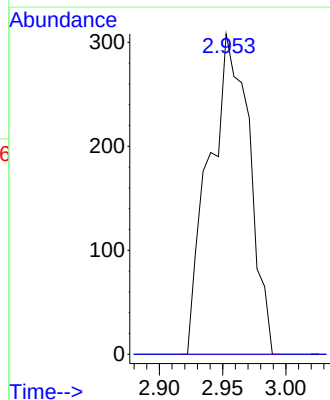
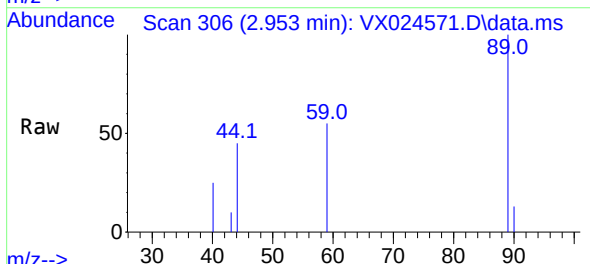
Instrument :
MSVOA_X
ClientSampleId :
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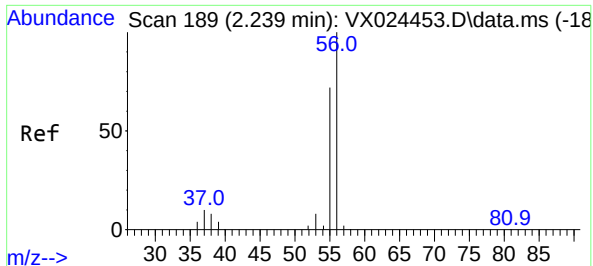
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 51.3 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

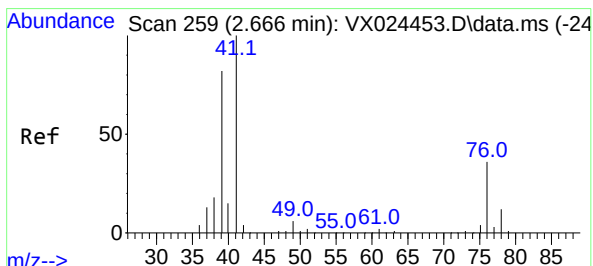
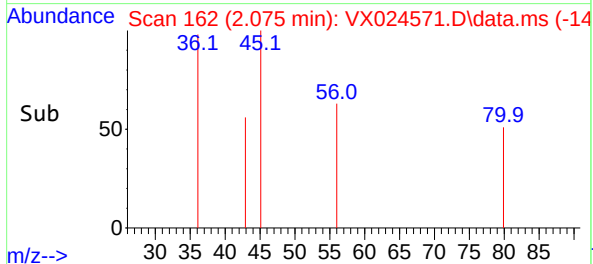
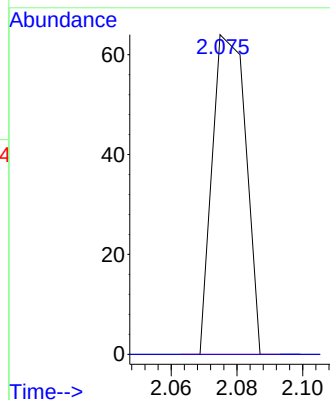
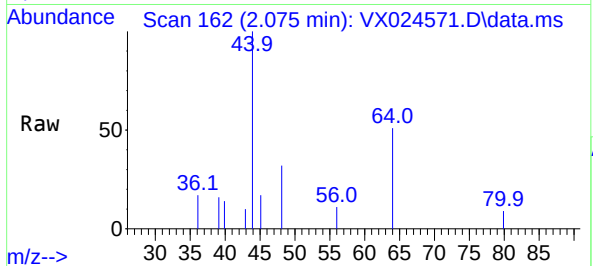




#13
Acrolein
Concen: 10.436 ug/l
RT: 2.075 min Scan# 162
Delta R.T. -0.164 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

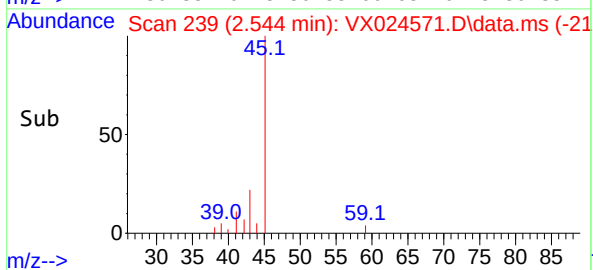
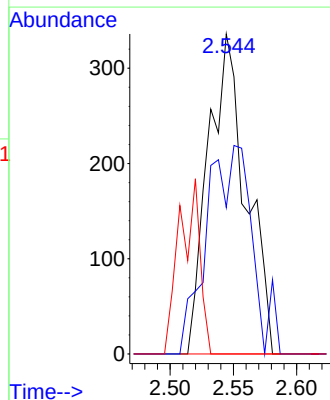
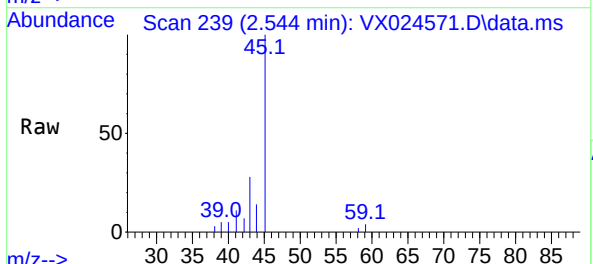
Instrument :
MSVOA_X
ClientSampleId :
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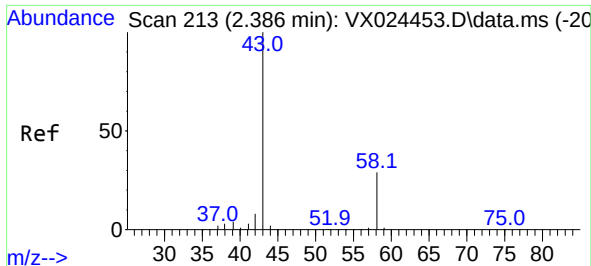
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.278 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 41 Resp: 698
Ion Ratio Lower Upper
41 100
39 39.5 51.6 77.4#
76 0.0 30.5 45.7#

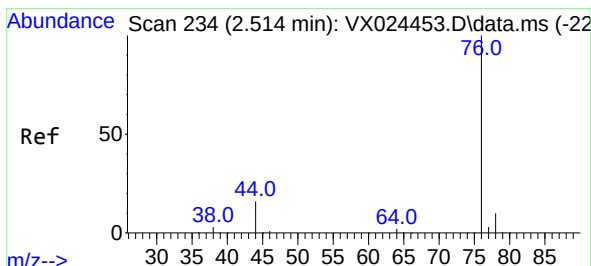
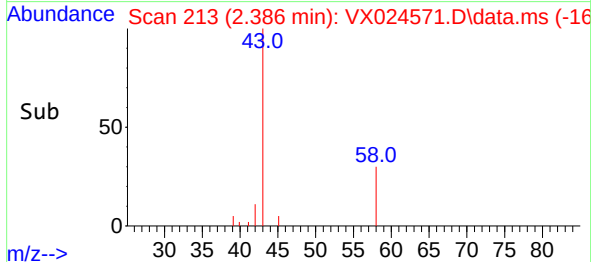
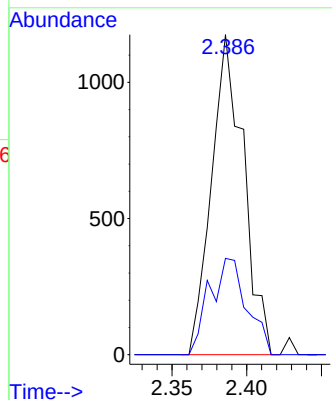
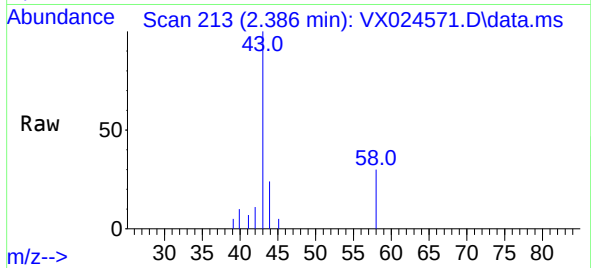




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

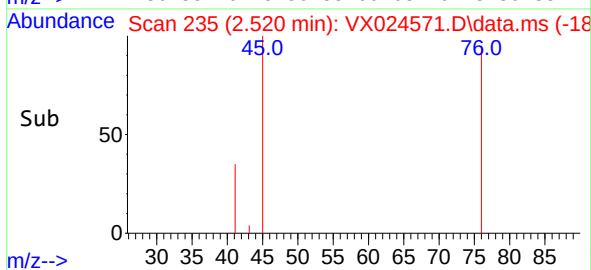
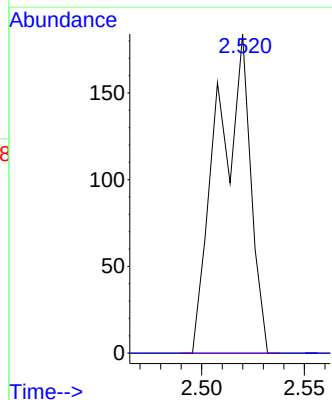
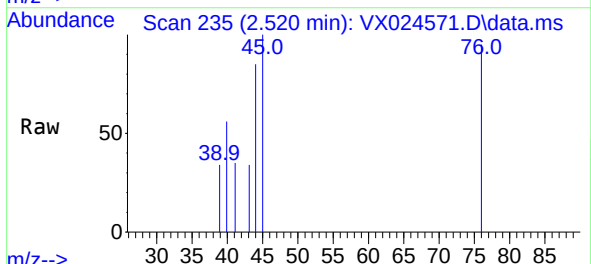
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ClientSampleId :
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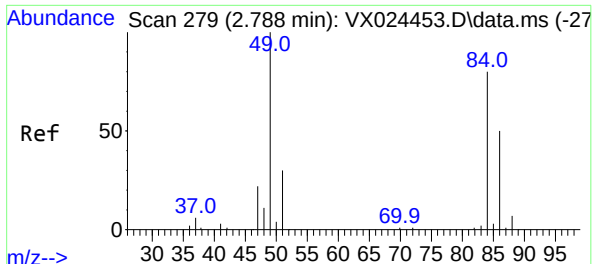
Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 76 Resp: 206
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



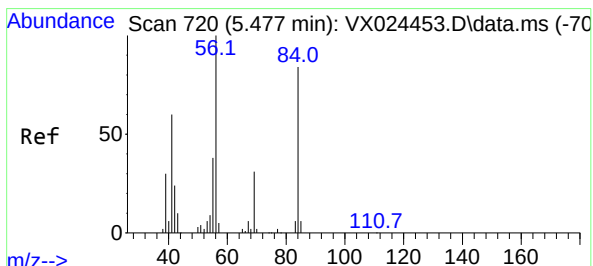
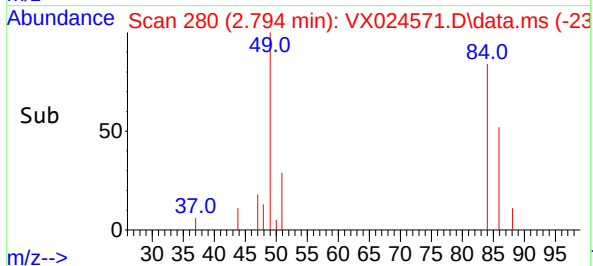
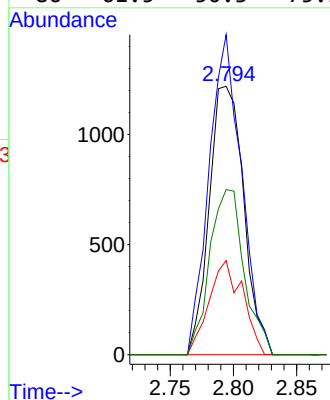
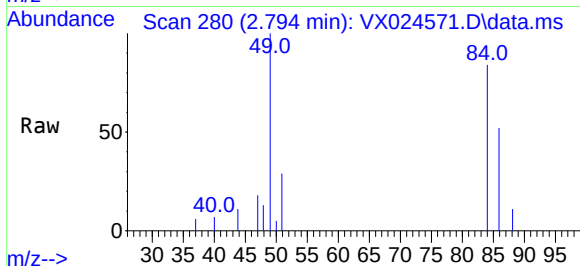


#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 84 Resp: 2314

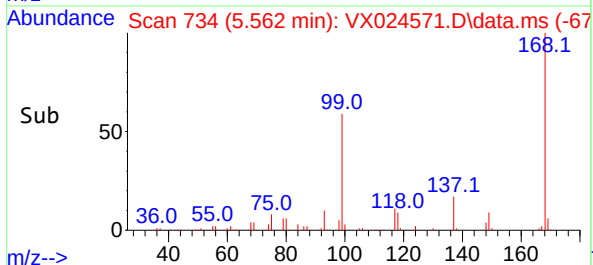
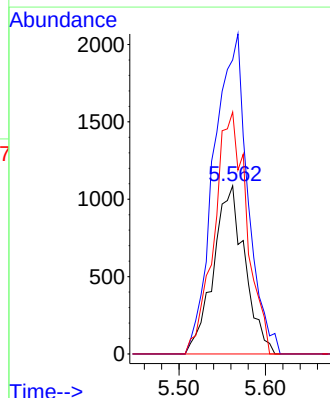
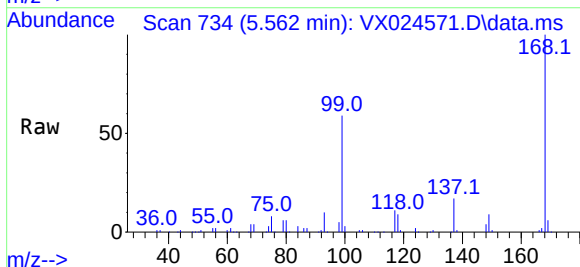
Ion	Ratio	Lower	Upper
84	100		
49	119.2	88.6	132.8
51	35.0	27.0	40.6
86	61.5	50.3	75.5

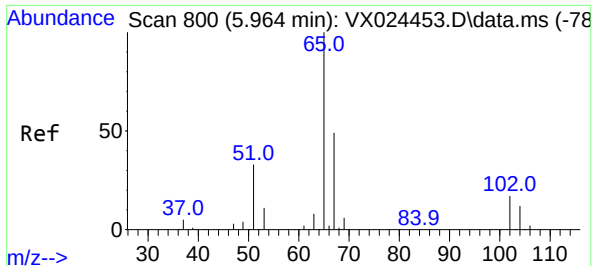


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 56 Resp: 2736

Ion	Ratio	Lower	Upper
56	100		
69	174.9	25.3	37.9#
84	143.8	71.4	107.0#



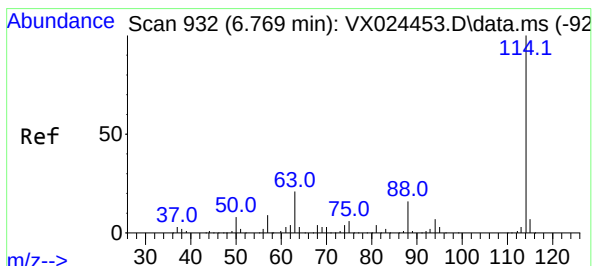
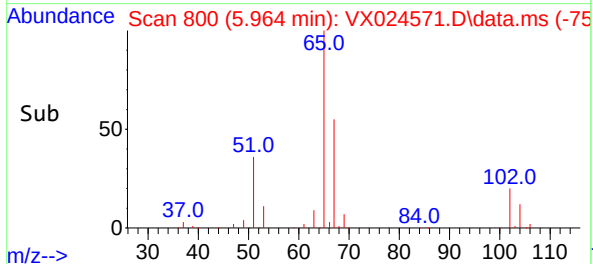
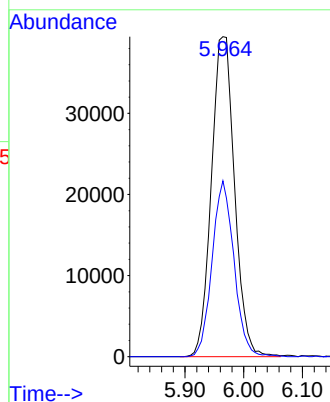
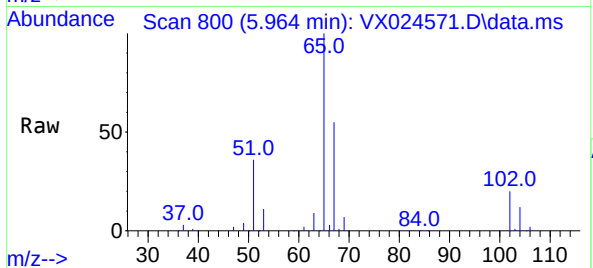


#33

1,2-Dichloroethane-d4
Concen: 51.205 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Instrument :
MSVOA_X
ClientSampleId :
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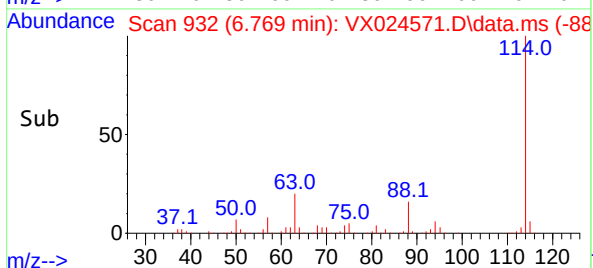
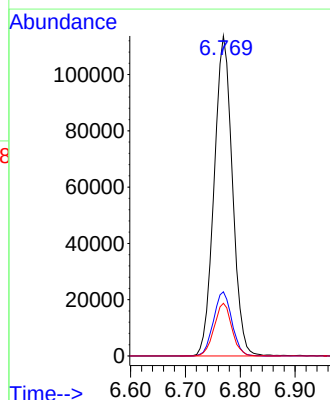
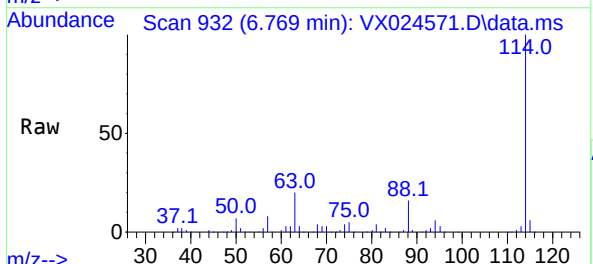
Tgt Ion: 65 Resp: 108172
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

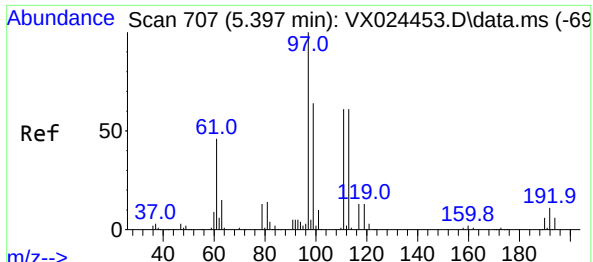


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 114 Resp: 263268
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.507 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024571.D

Acq: 05 Oct 2021 15:16

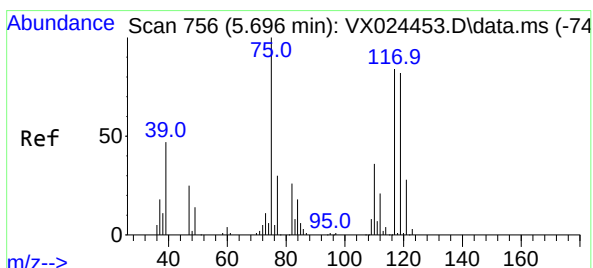
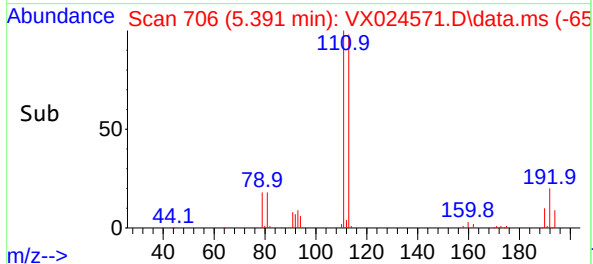
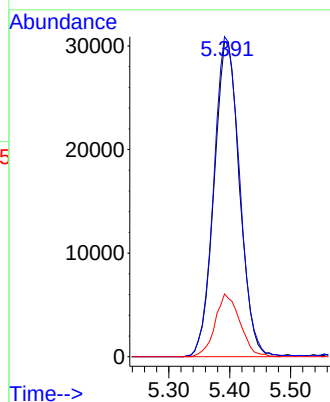
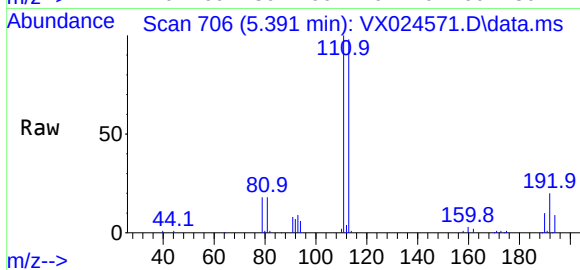
Tgt Ion:113 Resp: 88334

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024571.D

Acq: 05 Oct 2021 15:16

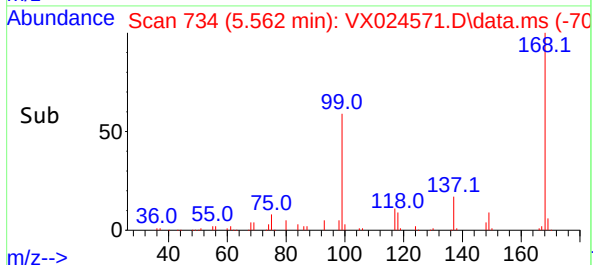
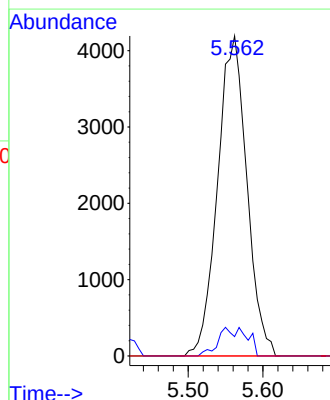
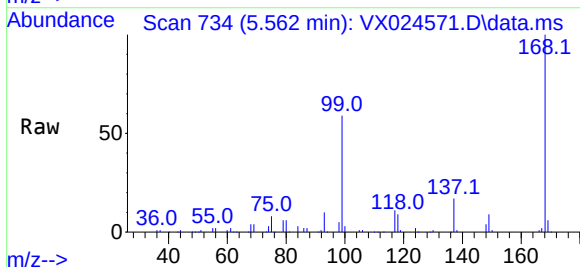
Tgt Ion: 75 Resp: 11411

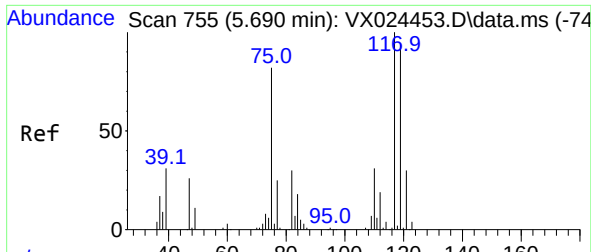
Ion Ratio Lower Upper

75 100

110 5.0 18.1 54.4#

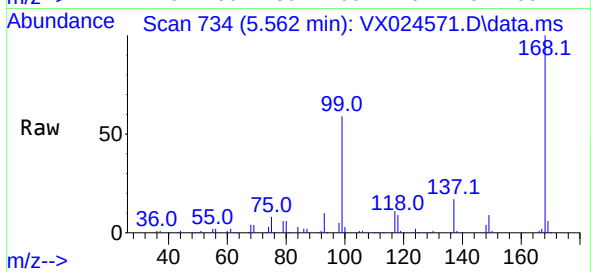
77 0.0 25.3 37.9#



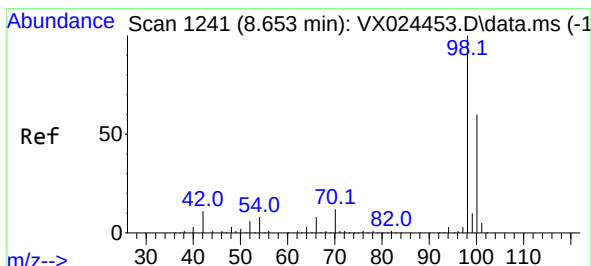
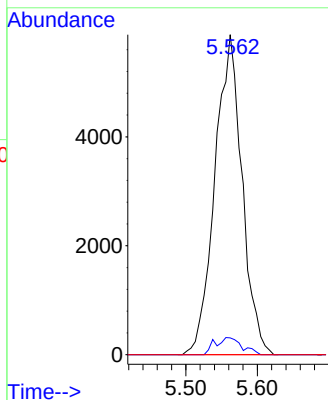
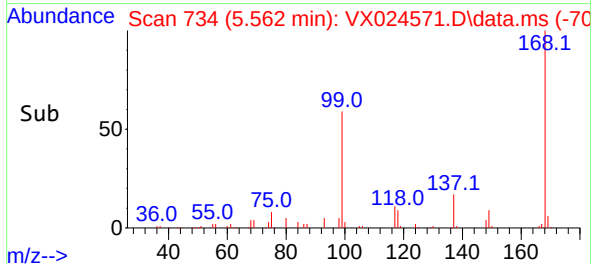


#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

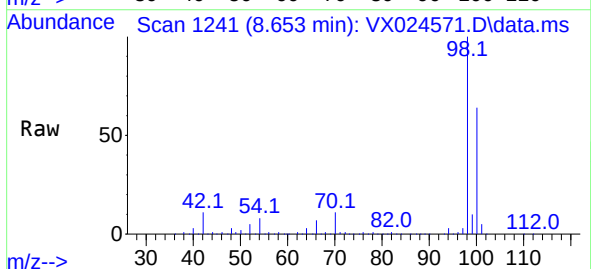
Instrument :
MSVOA_X
ClientSampleId :
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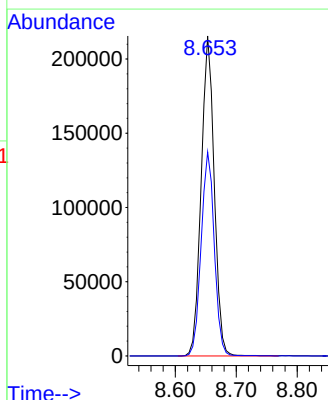
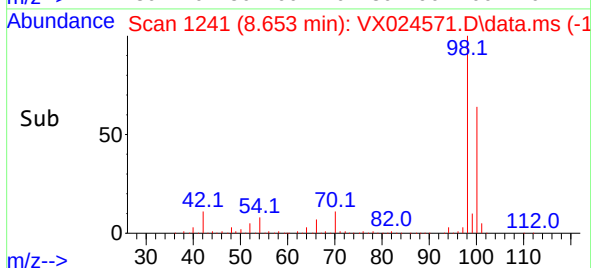
Tgt Ion:117 Resp: 15474
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

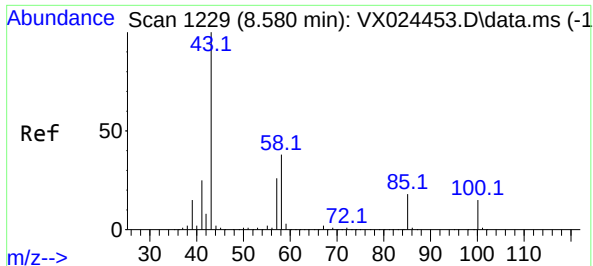


#50
Toluene-d8
Concen: 49.878 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16



Tgt Ion: 98 Resp: 321072
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

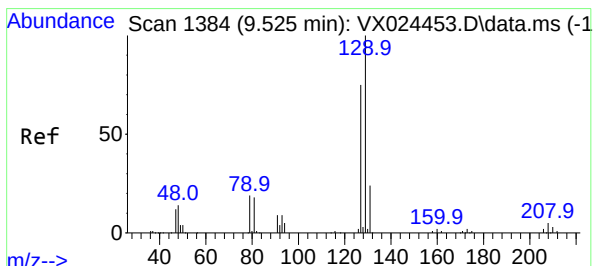
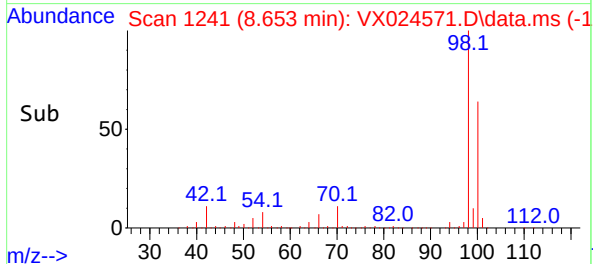
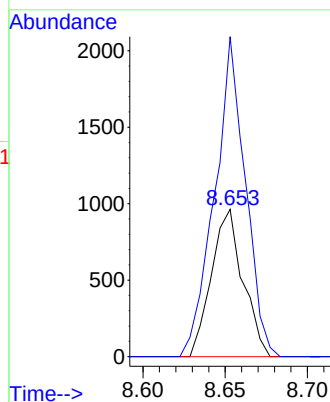
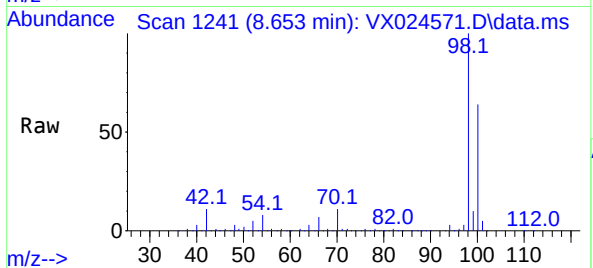




#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

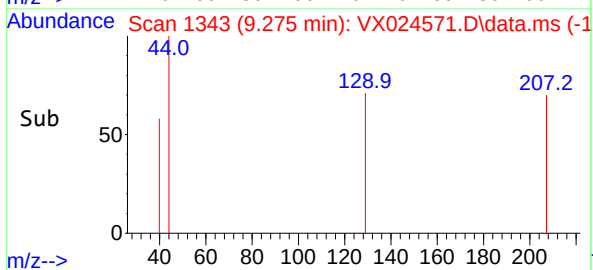
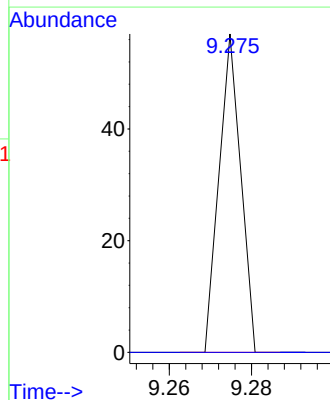
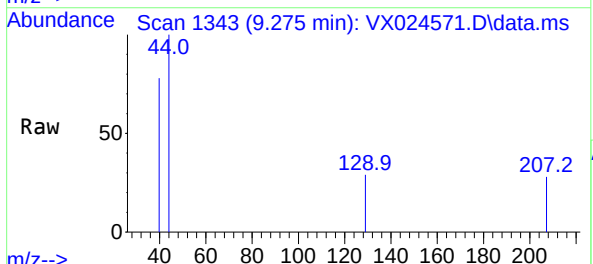
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ClientSampleId :
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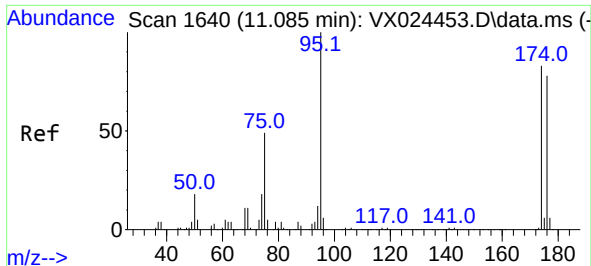
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 212.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.197 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

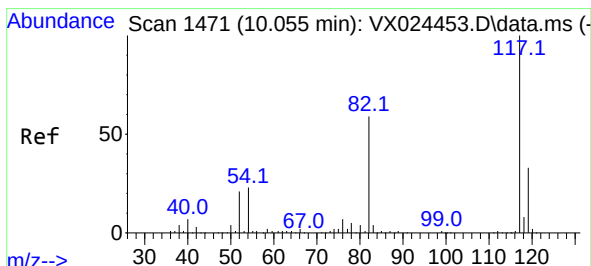
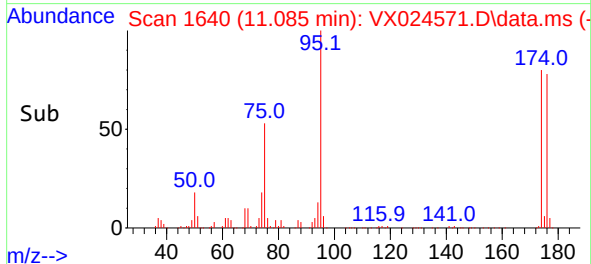
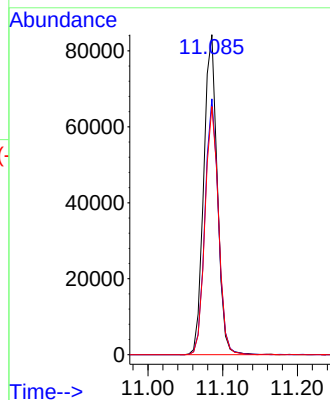
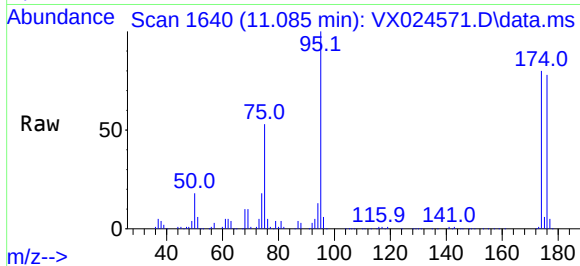




#62
4-Bromofluorobenzene
Concen: 41.920 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

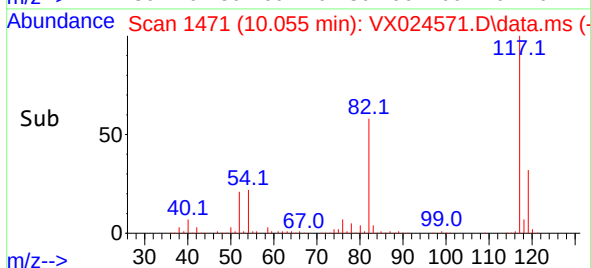
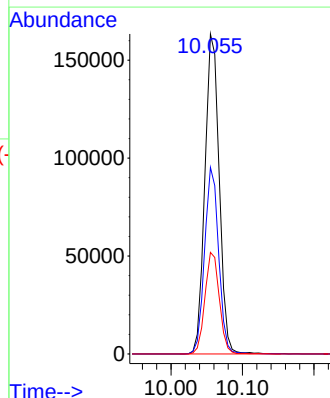
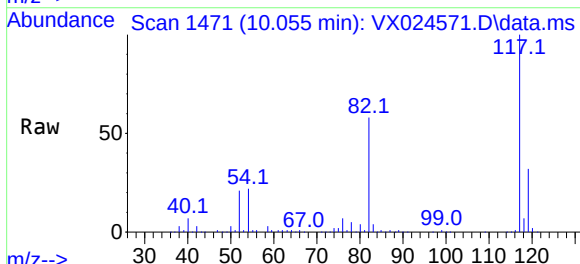
Instrument :
MSVOA_X
ClientSampleId :
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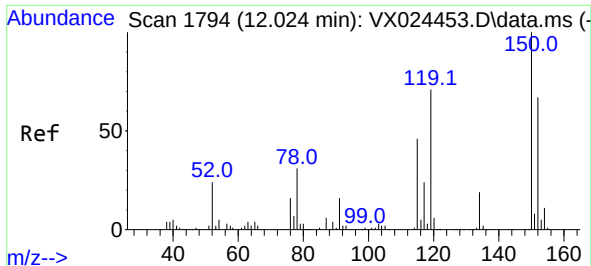
Tgt Ion: 95 Resp: 106096
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Tgt Ion: 117 Resp: 227928
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.7 26.6 39.8

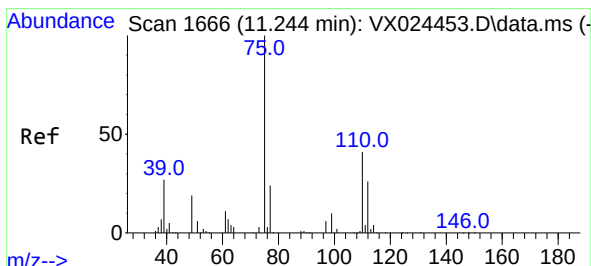
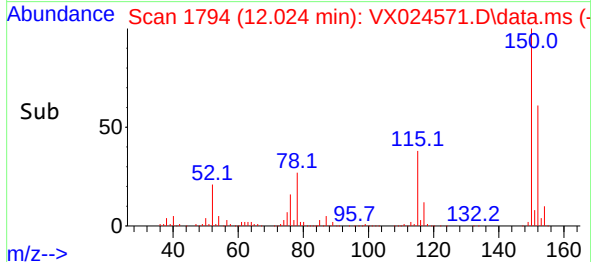
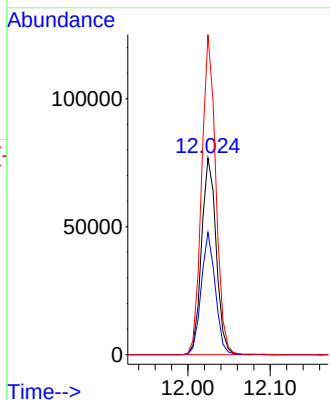
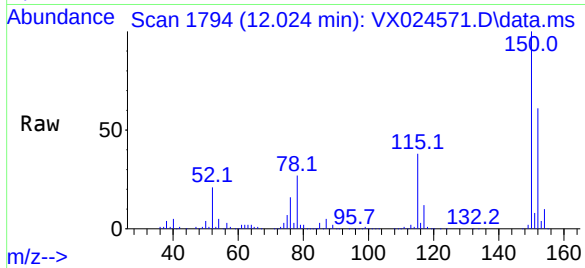




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

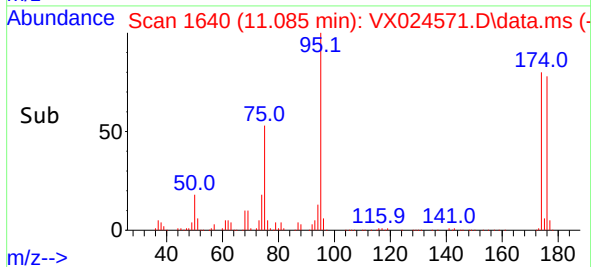
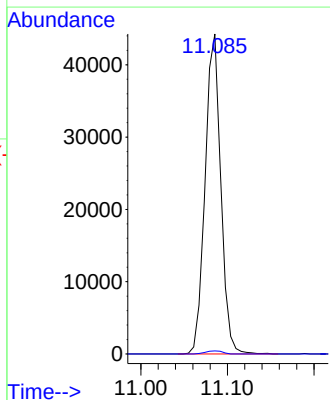
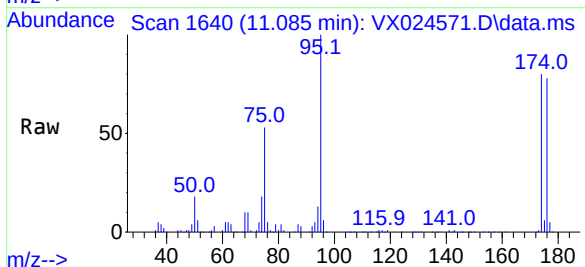
Instrument :
MSVOA_X
ClientSampleId :
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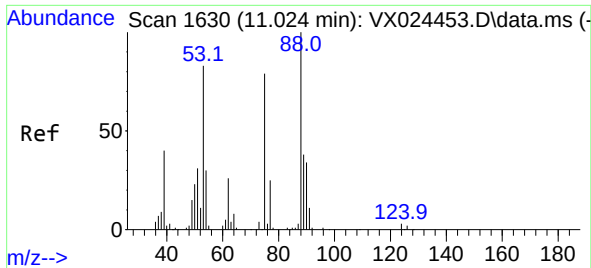
Tgt Ion:152 Resp: 95061
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.776 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

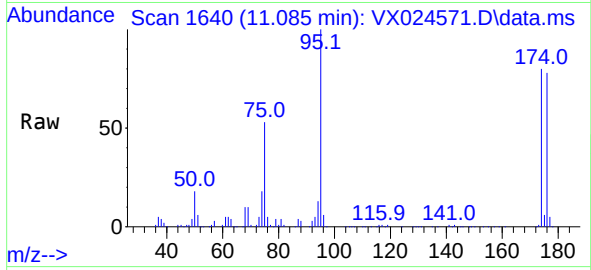
Tgt Ion: 75 Resp: 55645
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.230 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024571.D
Acq: 05 Oct 2021 15:16

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK



Tgt Ion: 75 Resp: 55645
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

