

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024525.D
 Acq On : 04 Oct 2021 17:09
 Operator : JC/MD
 Sample : M4063-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 05 03:21:17 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)

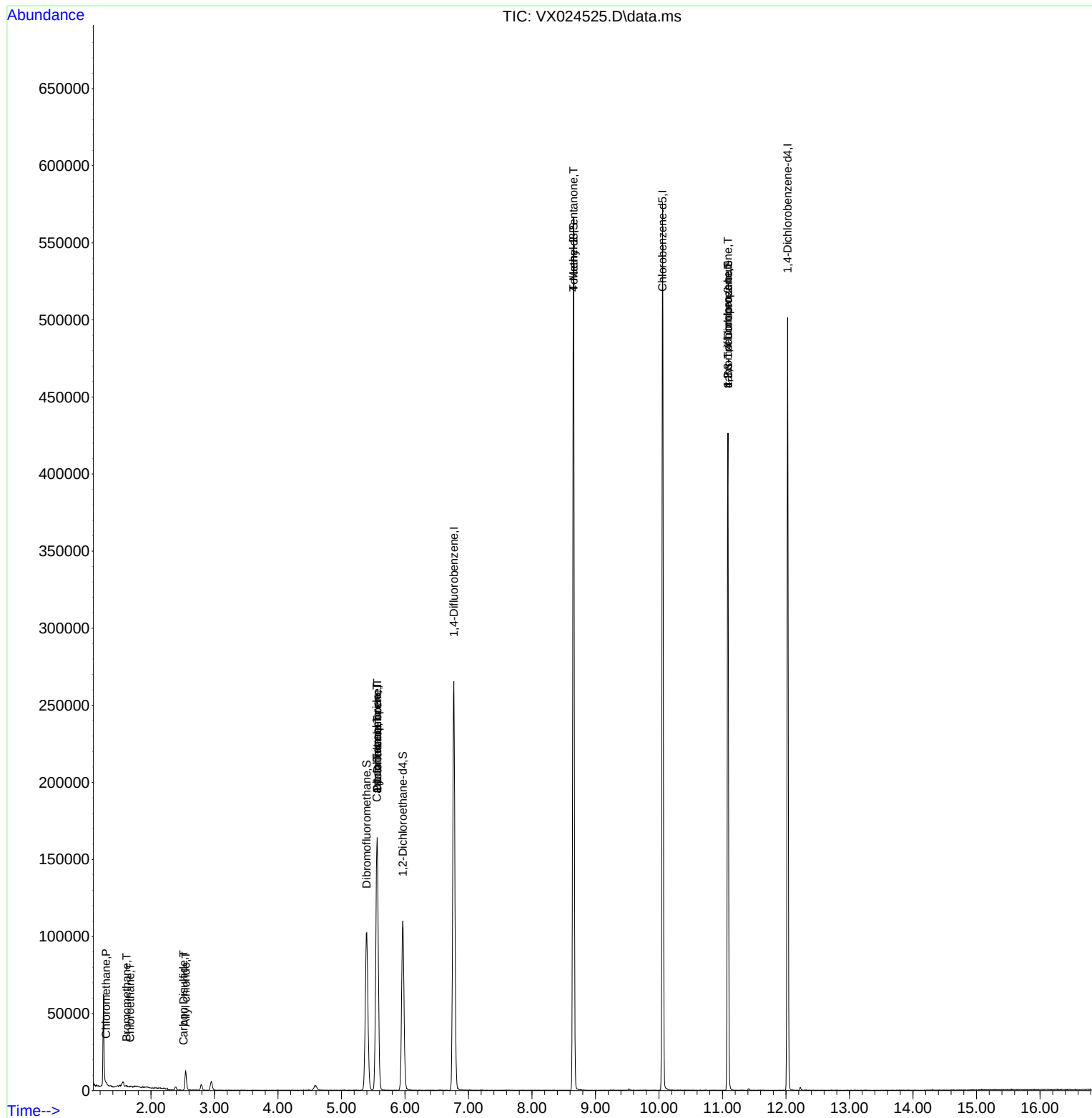
Internal Standards						
1) Pentafluorobenzene	5.562	168	153343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109445	50.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.280%	
35) Dibromofluoromethane	5.397	113	89876	50.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.653	98	325047	49.633	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	11.085	95	110794	43.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.060%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	580	0.399	ug/l	91
5) Bromomethane	1.618	94	260	0.254	ug/l #	2
6) Chloroethane	1.673	64	198	0.453	ug/l #	43
11) Tert butyl alcohol	2.953	59	3713	Below Cal	#	73
14) Allyl chloride	2.544	41	1369	0.533	ug/l #	54
16) Acetone	2.380	43	2307	Below Cal	#	82
17) Carbon Disulfide	2.514	76	135	0.265	ug/l #	75
20) Methylene Chloride	2.788	84	1669	Below Cal		92
31) Cyclohexane	5.562	56	3070	1.186	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11775	4.586	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15846	5.669	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1273	0.396	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58844	25.539	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58844	69.603	ug/l #	12

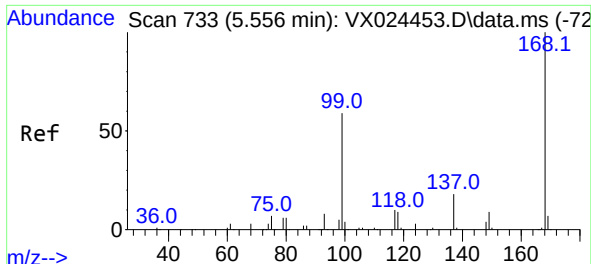
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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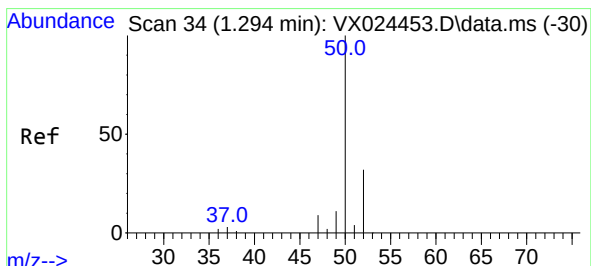
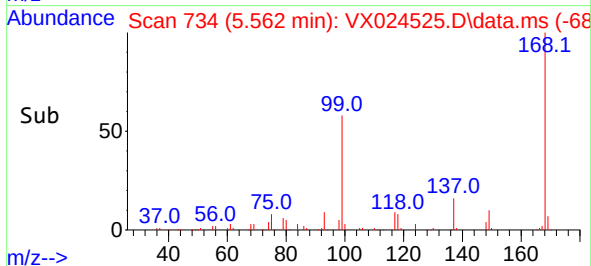
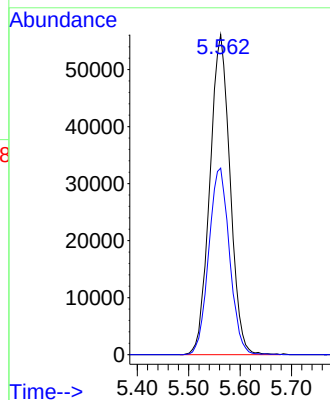
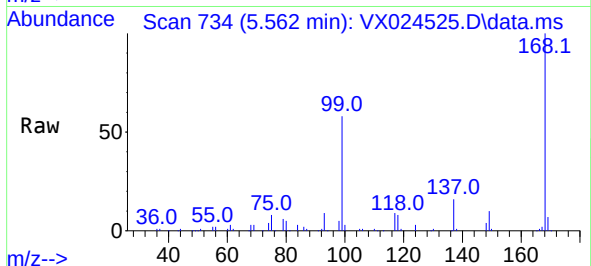




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

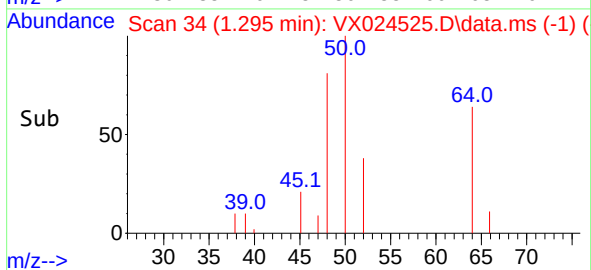
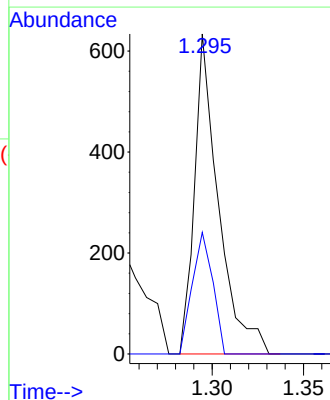
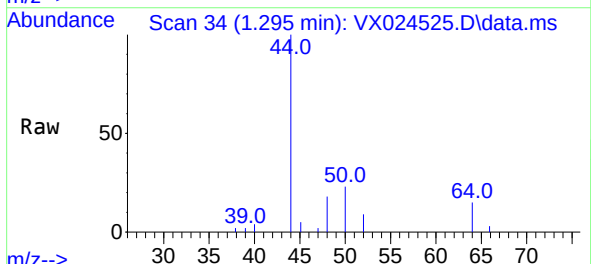
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 153343
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6

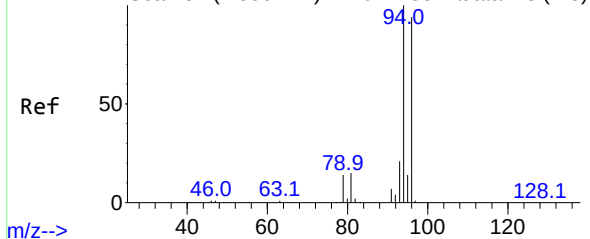


#3
Chloromethane
Concen: 0.399 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 50 Resp: 580
Ion Ratio Lower Upper
50 100
52 38.0 26.4 39.6



Abundance Scan 84 (1.599 min): VX024453.D\data.ms (-78)

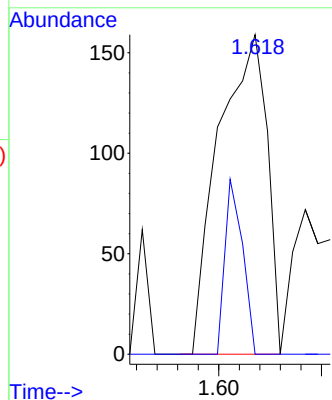
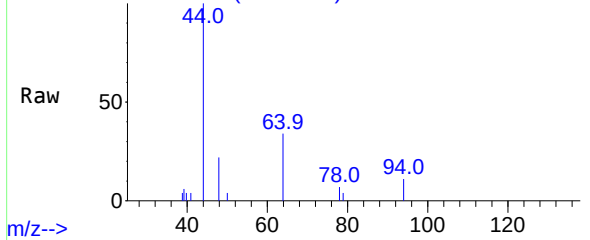


#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

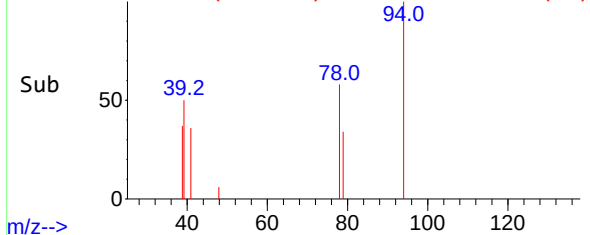
Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

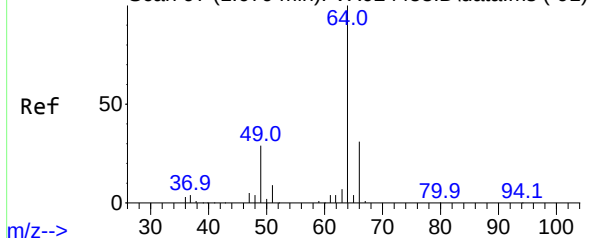
Abundance Scan 87 (1.618 min): VX024525.D\data.ms



Abundance Scan 87 (1.618 min): VX024525.D\data.ms (-35)



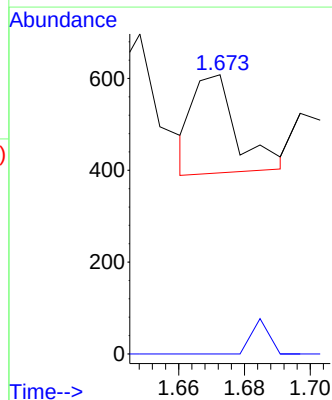
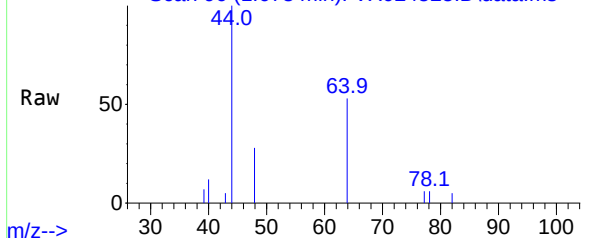
Abundance Scan 97 (1.679 min): VX024453.D\data.ms (-91)



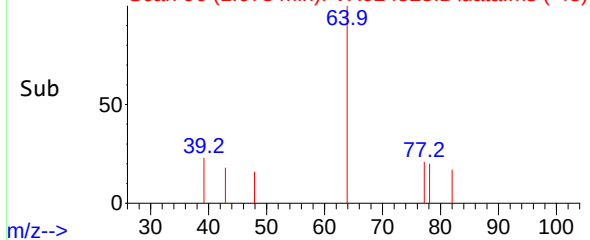
#6
Chloroethane
Concen: 0.453 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

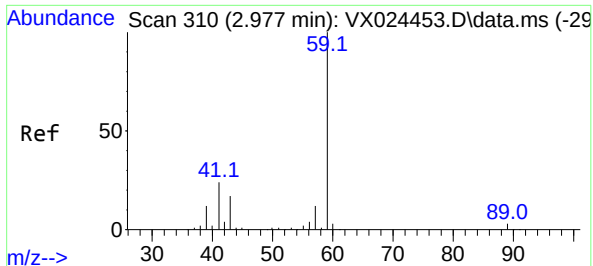
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Abundance Scan 96 (1.673 min): VX024525.D\data.ms



Abundance Scan 96 (1.673 min): VX024525.D\data.ms (-48)



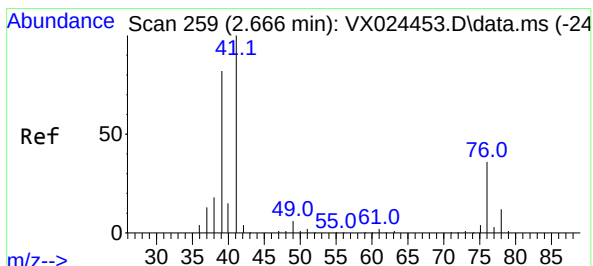
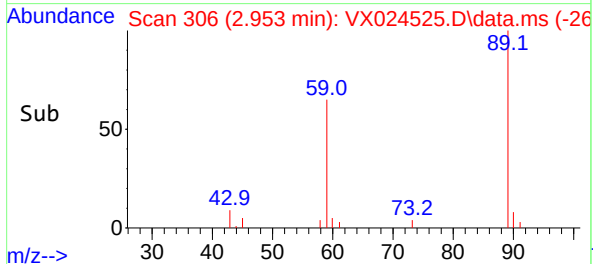
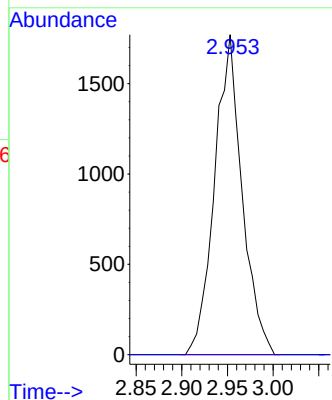
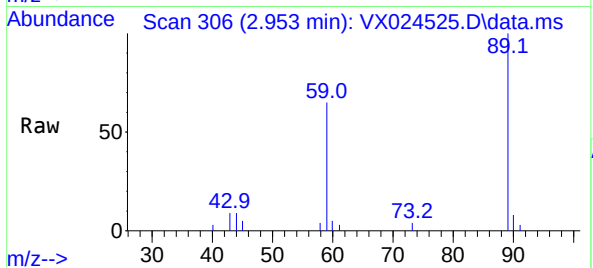


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

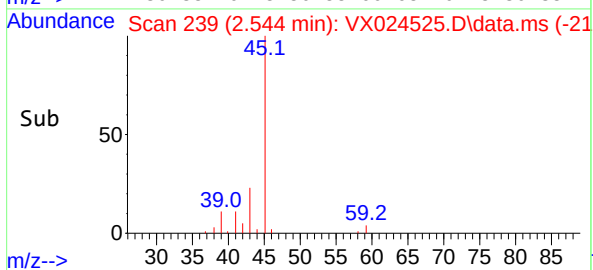
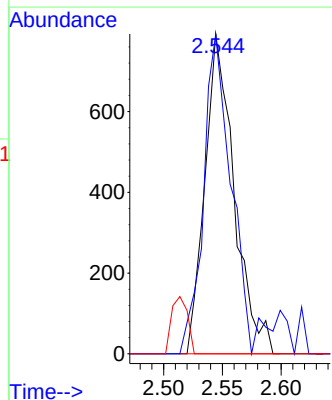
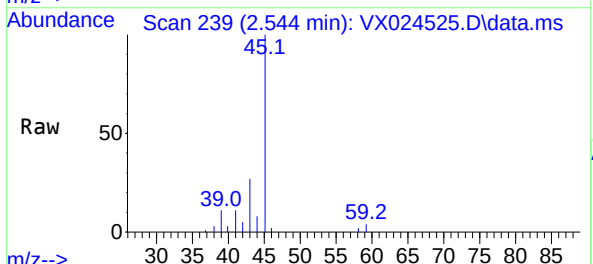
Tgt Ion: 59 Resp: 3713
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

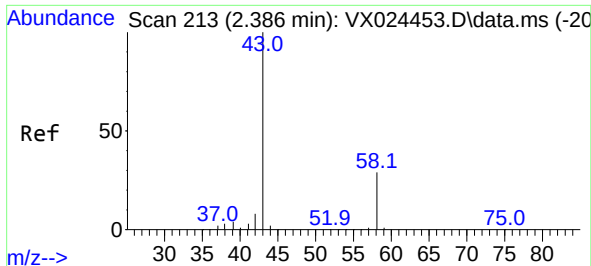


#14

Allyl chloride
Concen: 0.533 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 41 Resp: 1369
Ion Ratio Lower Upper
41 100
39 93.2 51.6 77.4#
76 0.0 30.5 45.7#

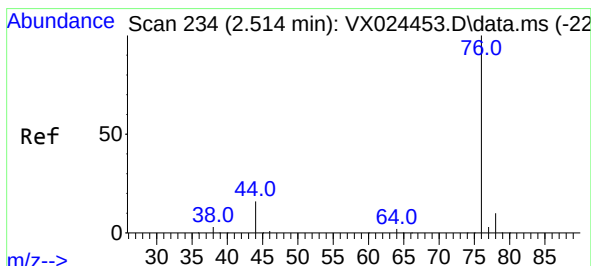
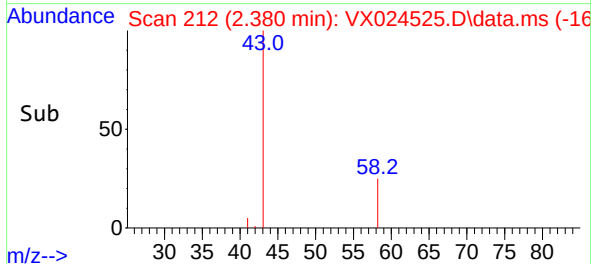
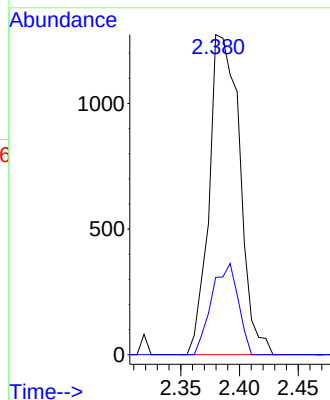
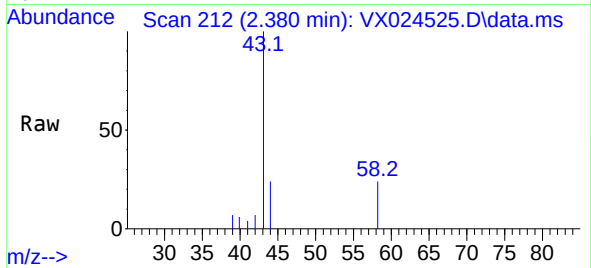




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

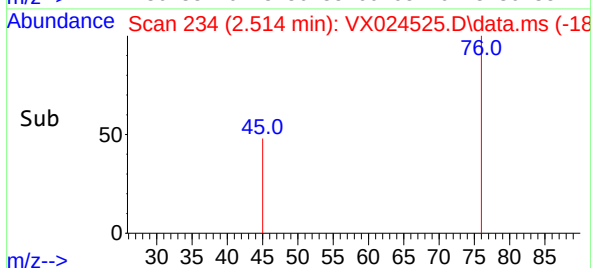
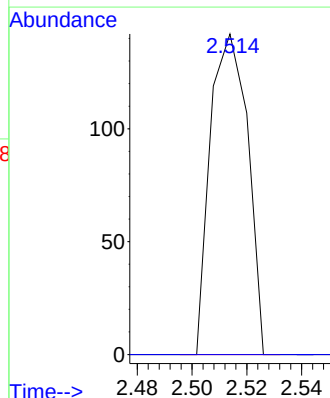
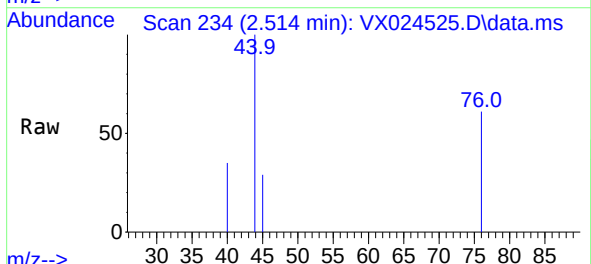
Instrument :
MSVOA_X
ClientSampleId :
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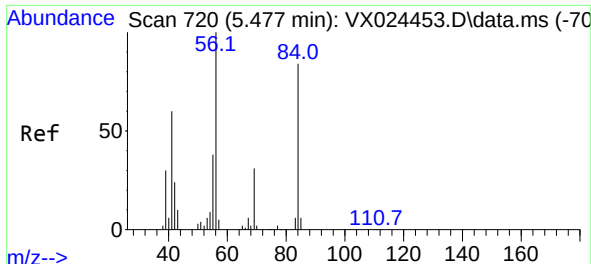
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 76 Resp: 135
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

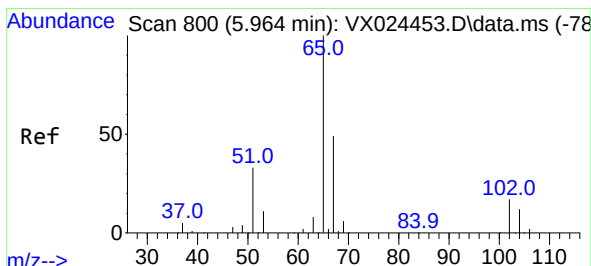
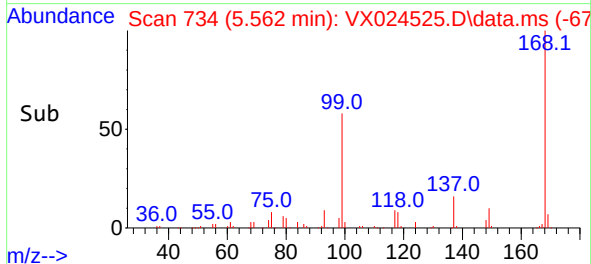
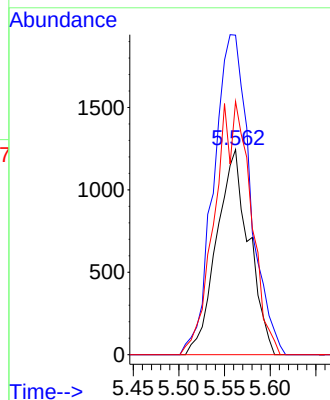
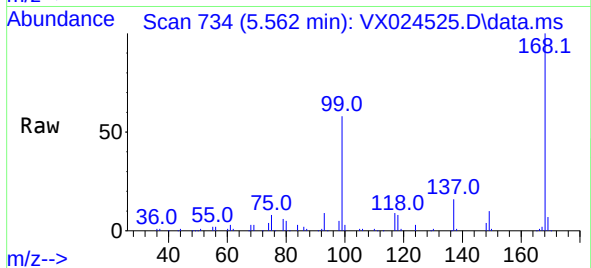




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

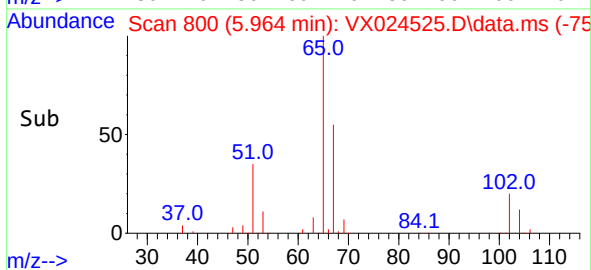
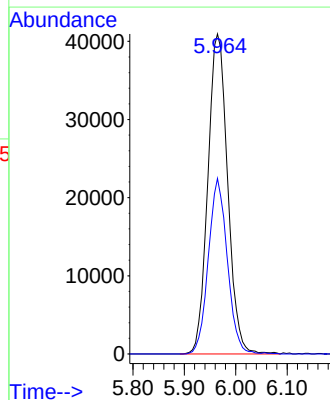
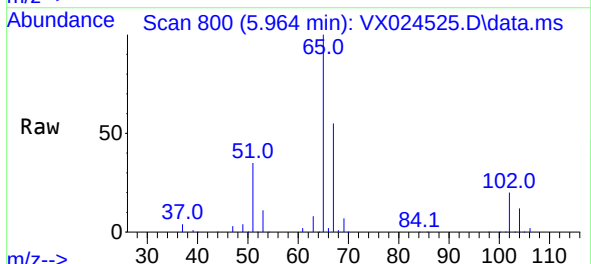
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ClientSampleId :
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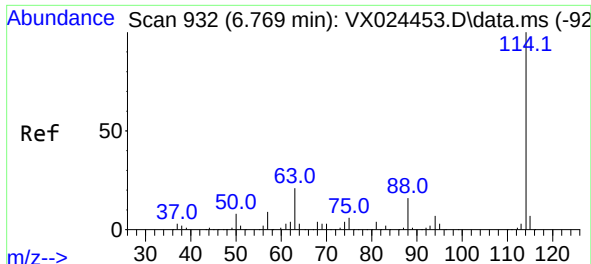
Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 155.7 25.3 37.9#
84 123.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.641 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 65 Resp: 109445
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

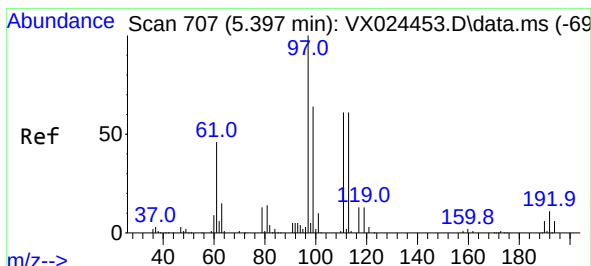
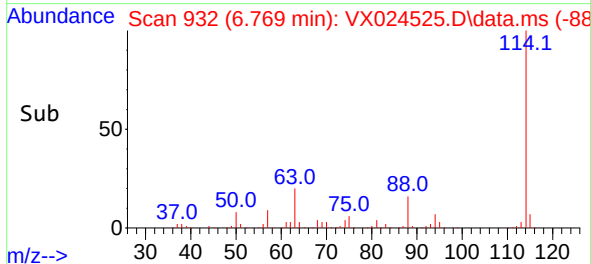
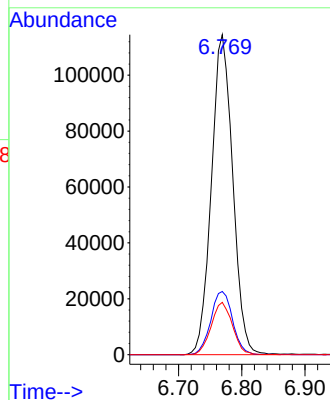
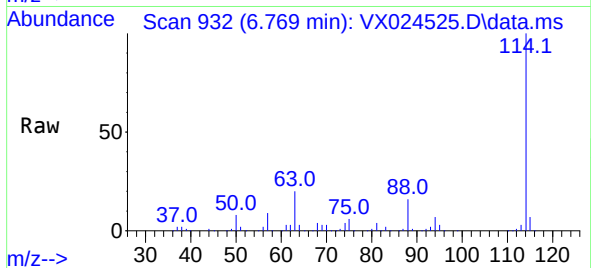




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

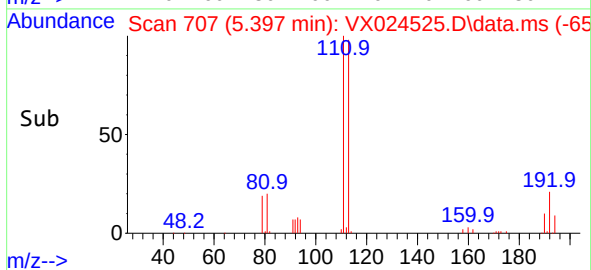
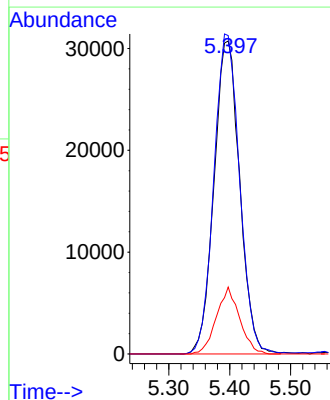
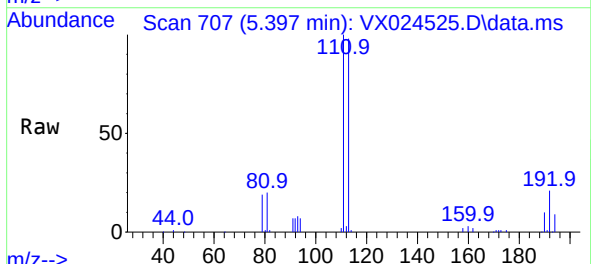
Instrument :
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ClientSampleId :
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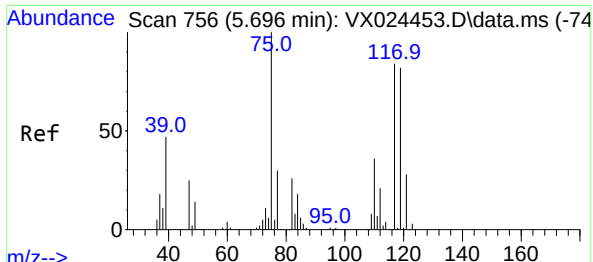
Tgt Ion:114 Resp: 267848
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.510 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion:113 Resp: 89876
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.3 16.7 25.1



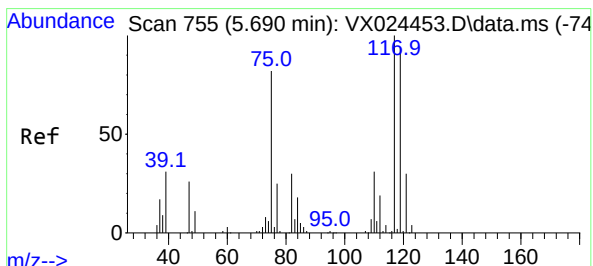
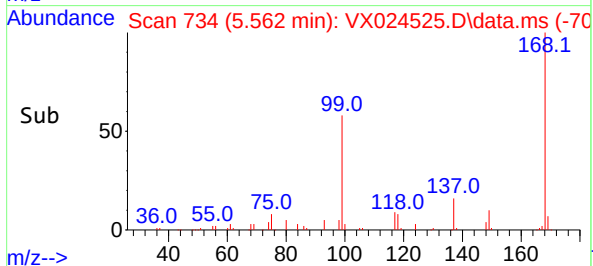
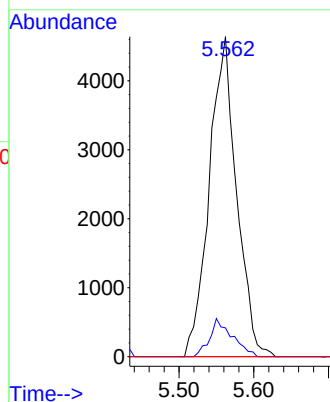
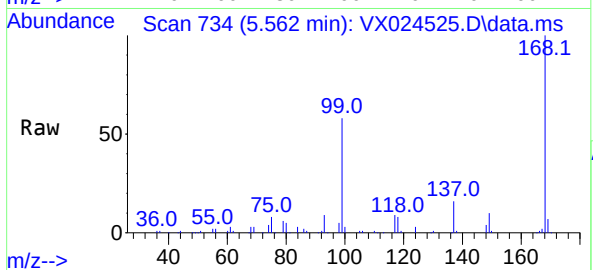


#36

1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

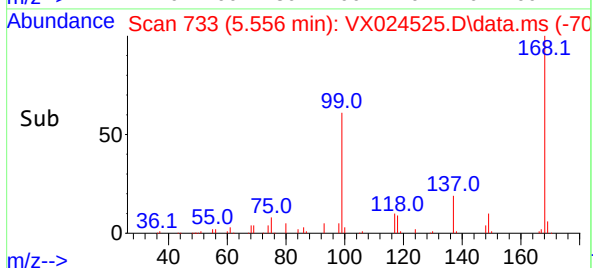
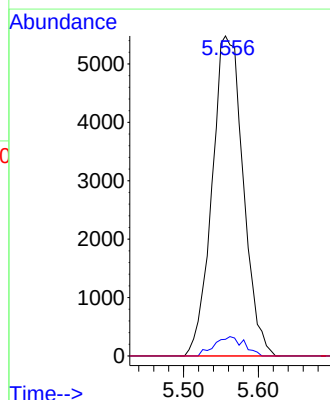
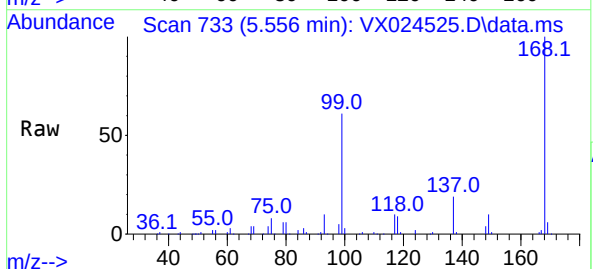
Tgt Ion: 75 Resp: 11775
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

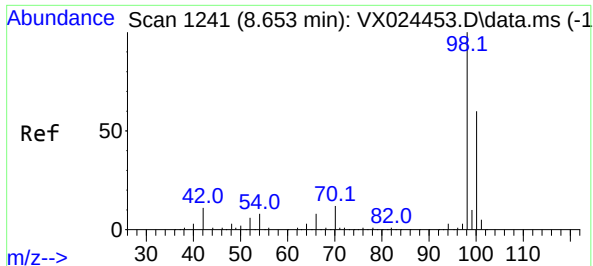


#38

Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 117 Resp: 15846
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

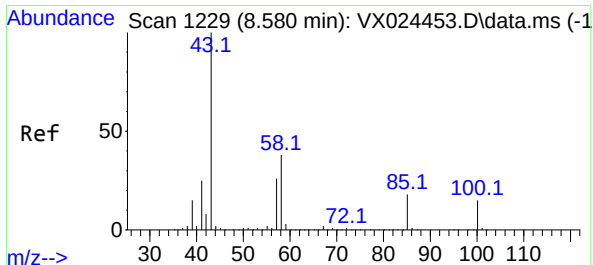
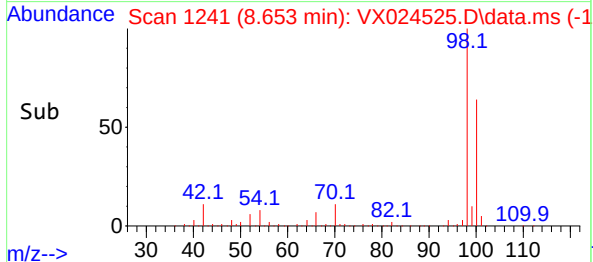
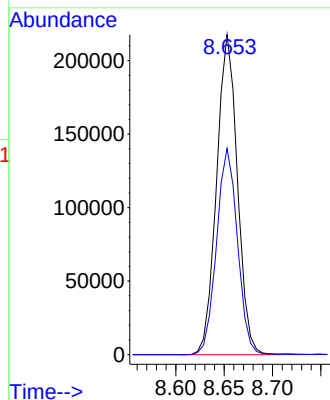
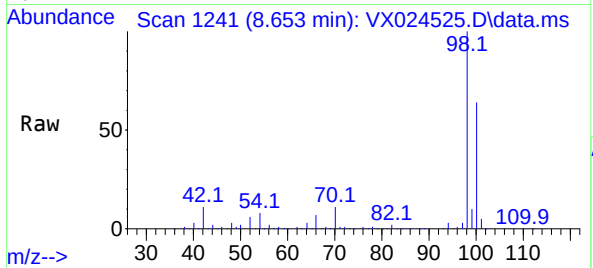




#50
Toluene-d8
Concen: 49.633 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

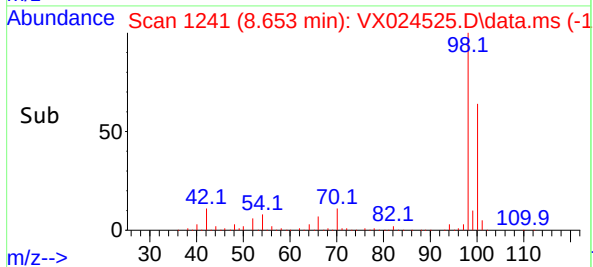
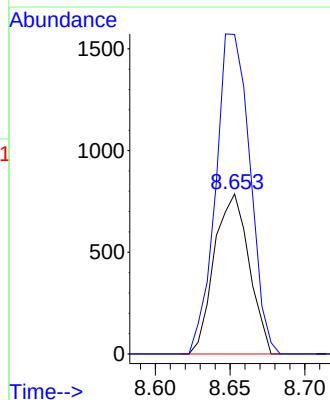
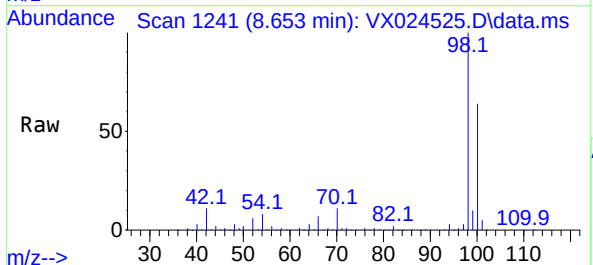
Instrument :
MSVOA_X
ClientSampled :
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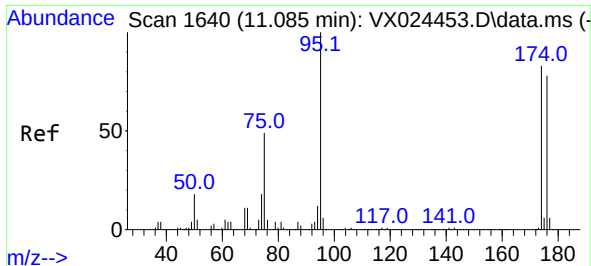
Tgt Ion: 98 Resp: 325047
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 197.3 35.4 53.0#

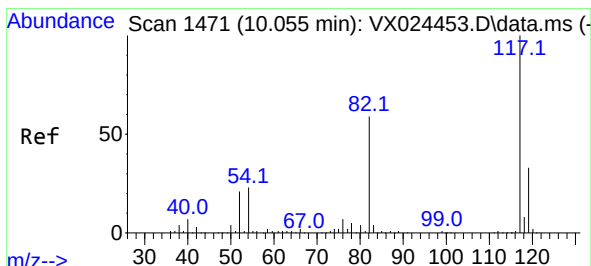
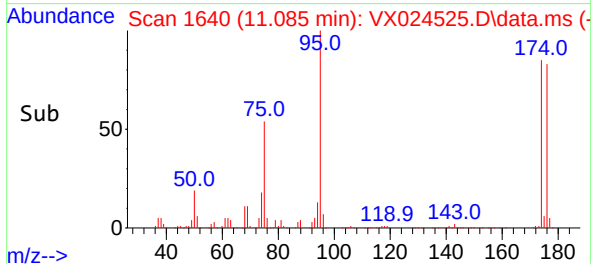
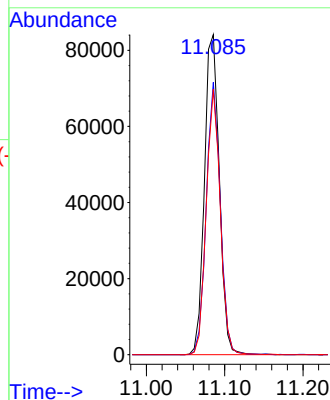
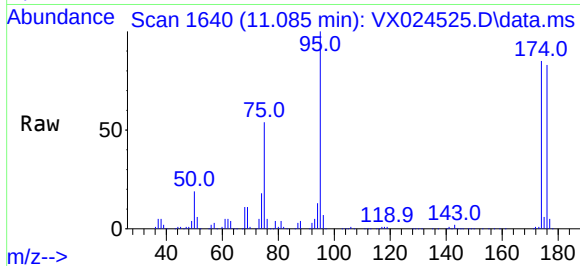




#62
4-Bromofluorobenzene
Concen: 43.027 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

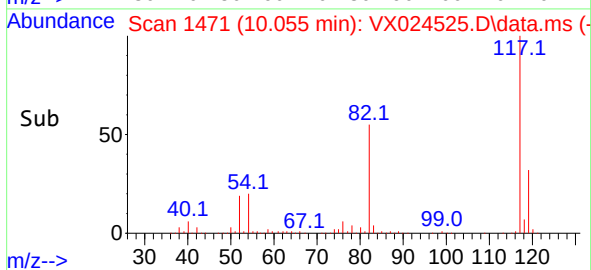
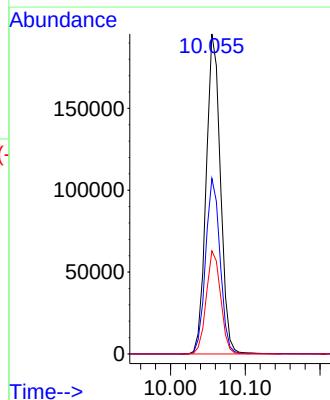
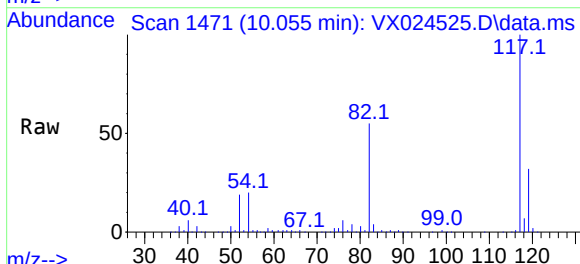
Instrument :
MSVOA_X
ClientSampleId :
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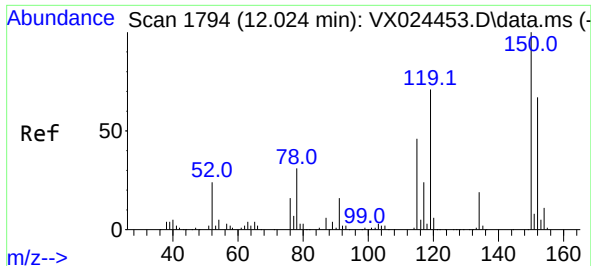
Tgt Ion: 95 Resp: 110794
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 117 Resp: 259918
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 32.2 26.6 39.8

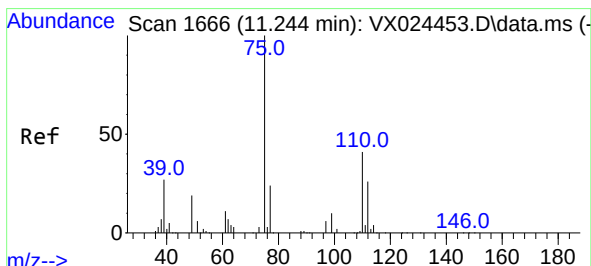
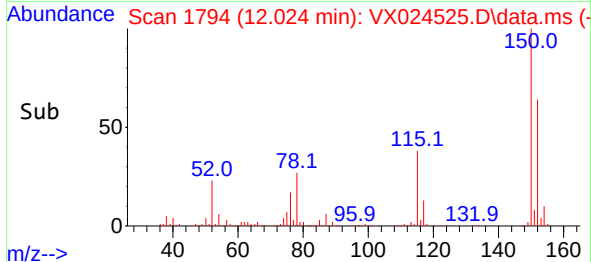
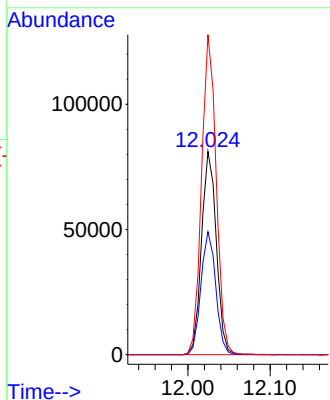
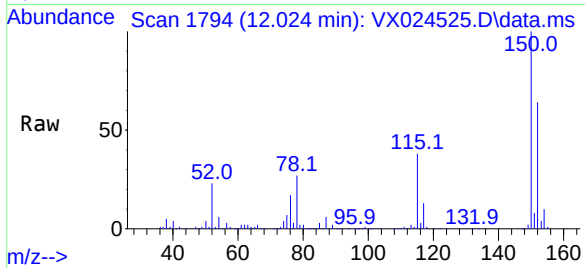




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

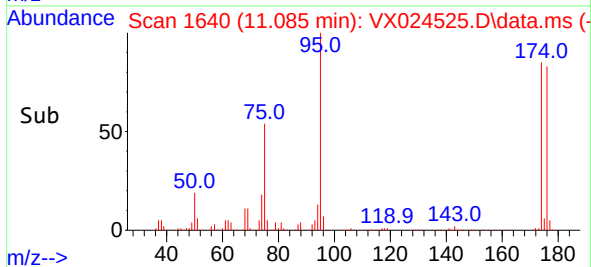
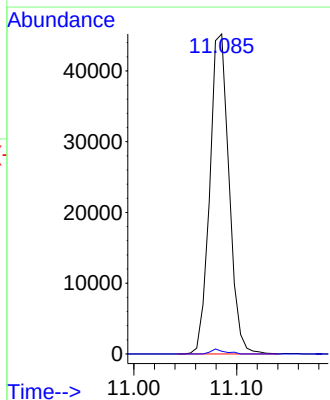
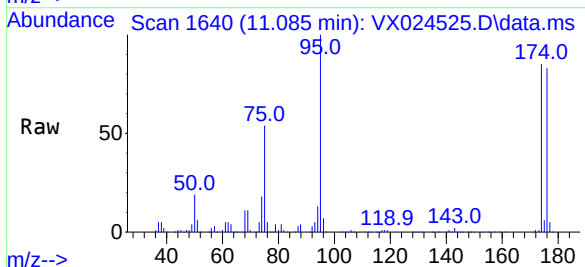
Instrument :
MSVOA_X
ClientSampleId :
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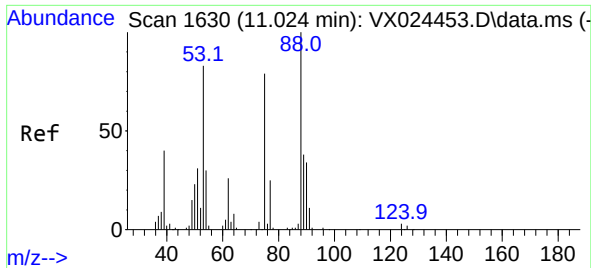
Tgt Ion:152 Resp: 101458
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.539 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

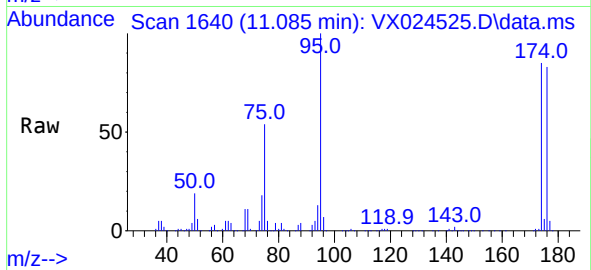
Tgt Ion: 75 Resp: 58844
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024525.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



Tgt Ion: 75 Resp: 58844
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

