

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024596.D
 Acq On : 06 Oct 2021 02:11
 Operator : JC/MD
 Sample : M4028-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 06 06:53:26 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)

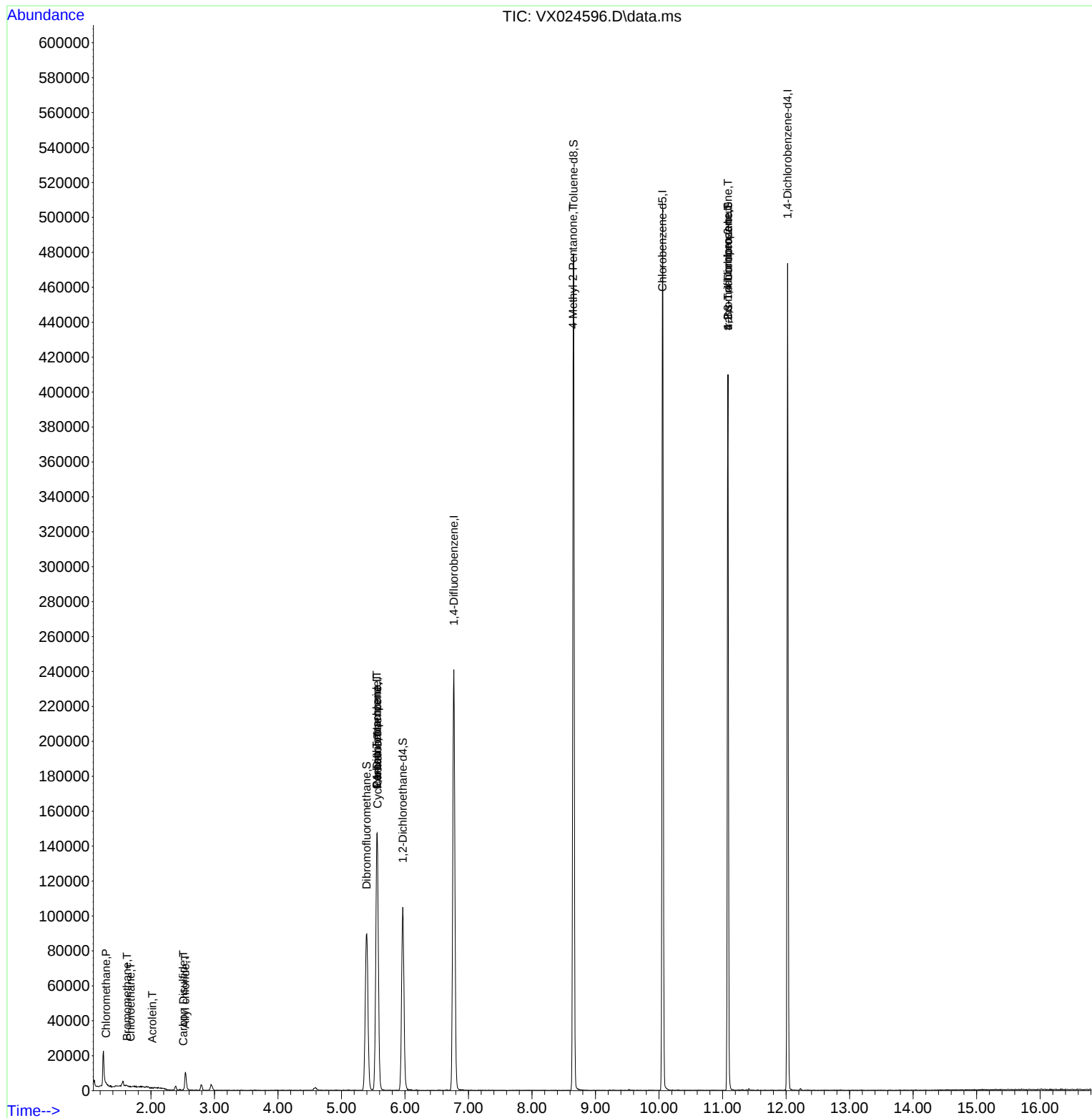
Internal Standards						
1) Pentafluorobenzene	5.562	168	137040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105364	54.553	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.100%	
35) Dibromofluoromethane	5.397	113	80467	50.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.653	98	276081	47.184	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.360%	
62) 4-Bromofluorobenzene	11.085	95	105830	46.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	415	0.319	ug/l #	63
5) Bromomethane	1.624	94	232	0.254	ug/l	81
6) Chloroethane	1.679	64	394	0.691	ug/l #	43
11) Tert butyl alcohol	2.947	59	2193	Below Cal	#	73
13) Acrolein	2.020	56	41	10.434	ug/l #	14
14) Allyl chloride	2.538	41	1211	0.527	ug/l #	60
16) Acetone	2.386	43	2487	Below Cal		92
17) Carbon Disulfide	2.508	76	178	0.282	ug/l #	75
20) Methylene Chloride	2.794	84	1440	Below Cal	#	81
31) Cyclohexane	5.568	56	3124	1.351	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10919	4.760	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14731	5.899	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1441	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55313	26.131	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55313	71.171	ug/l #	12

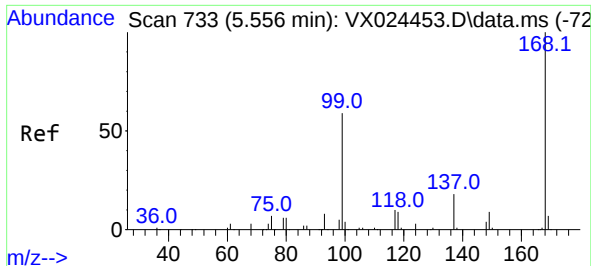
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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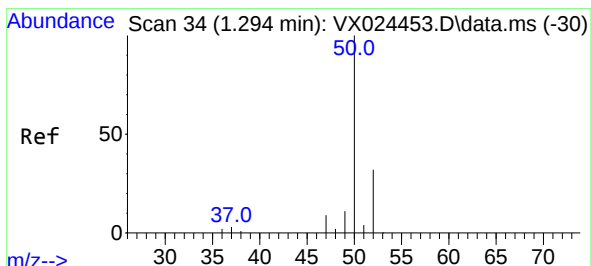
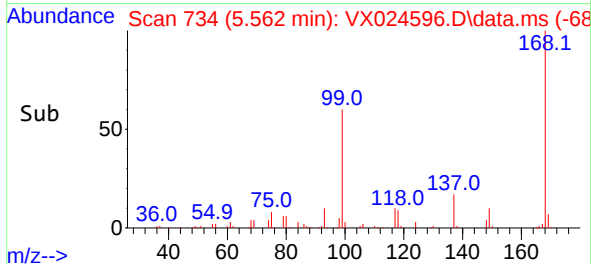
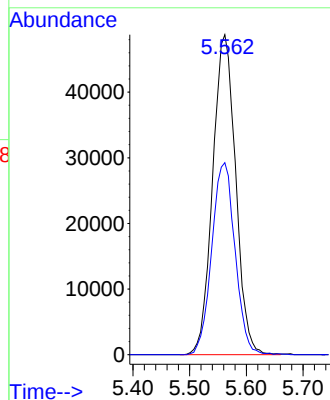
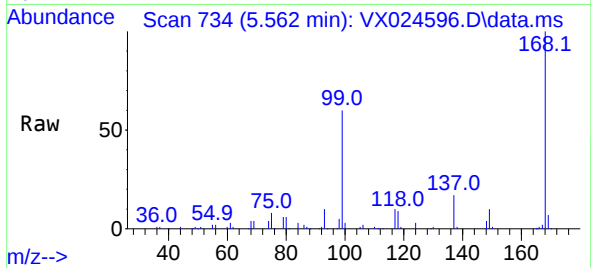




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

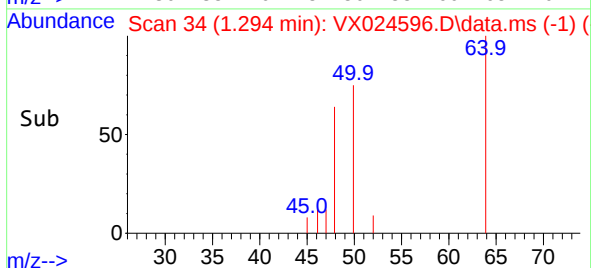
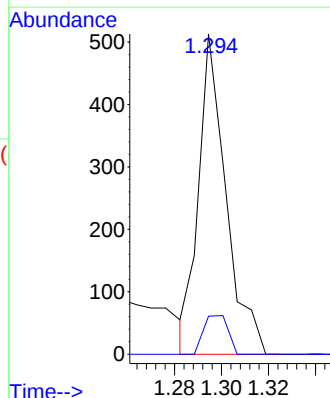
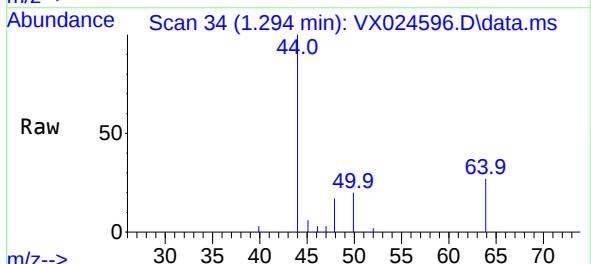
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

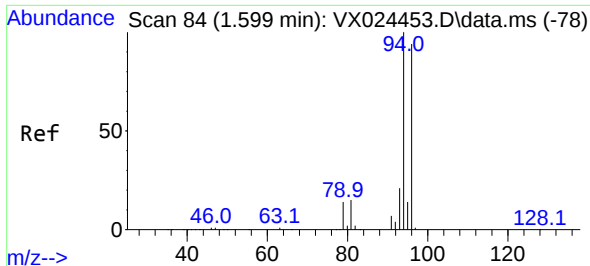
Tgt Ion:168 Resp: 137040
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 11.9 26.4 39.6#

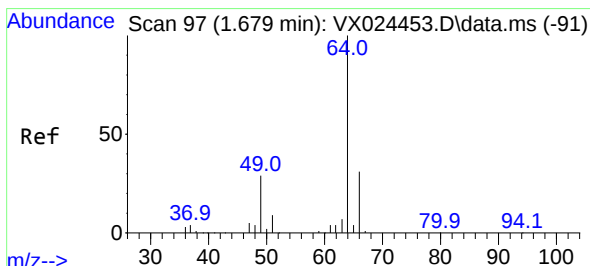
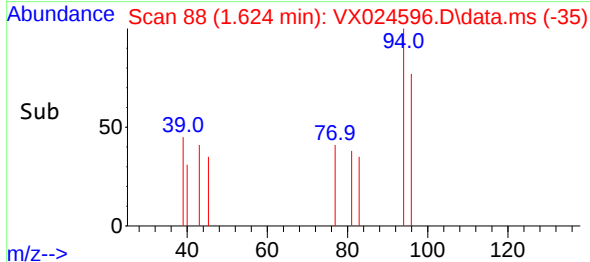
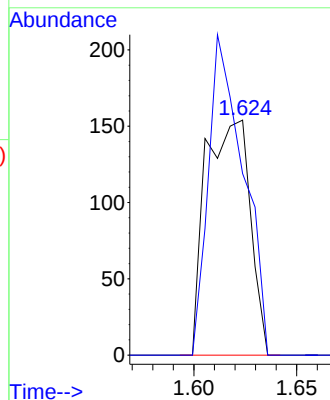
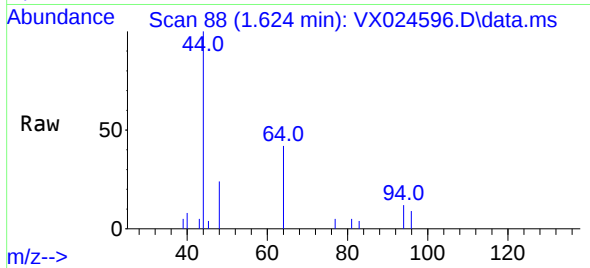




#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

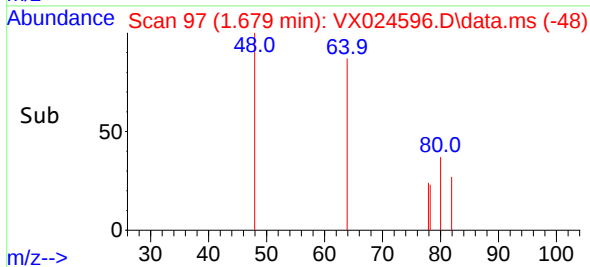
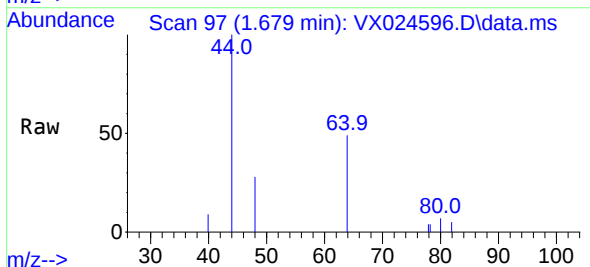
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

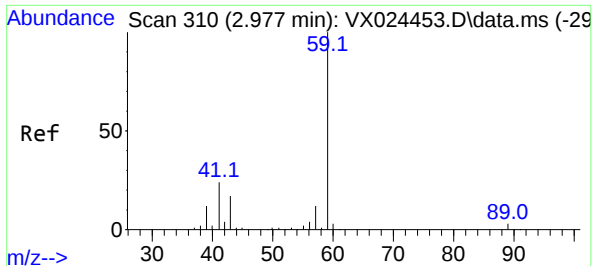
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 77.3 76.4 114.6



#6
Chloroethane
Concen: 0.691 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 64 Resp: 394
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



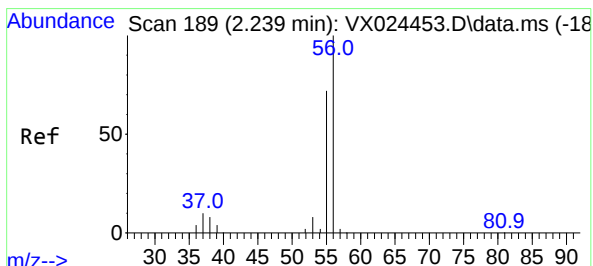
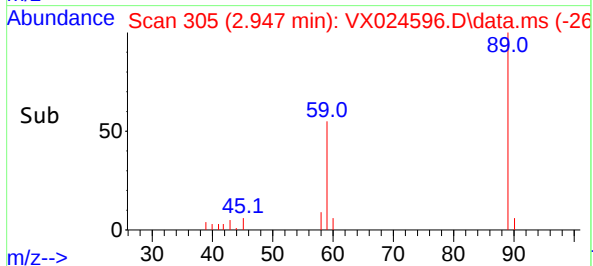
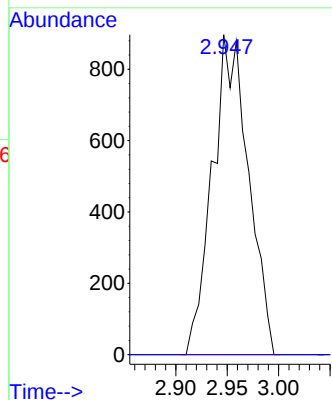
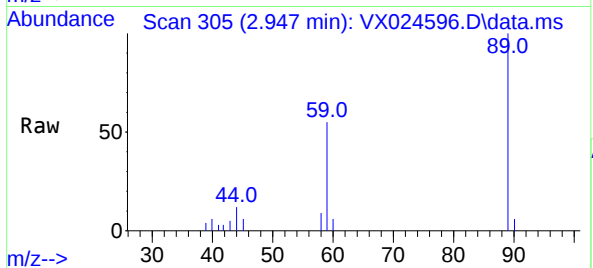


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

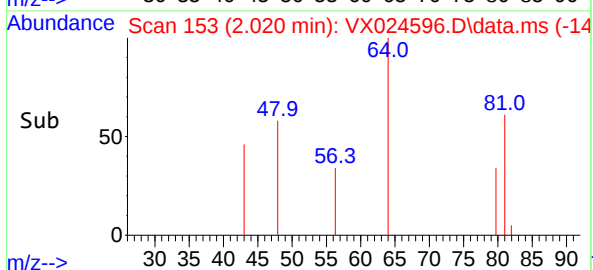
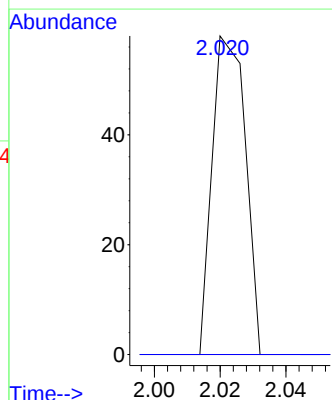
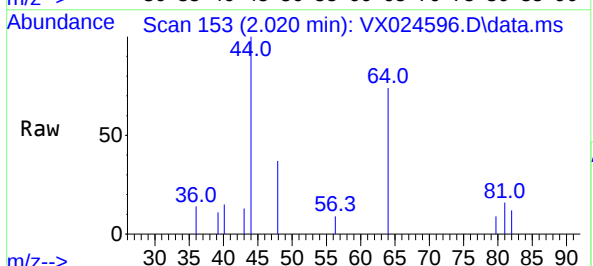
Tgt Ion: 59 Resp: 2193
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

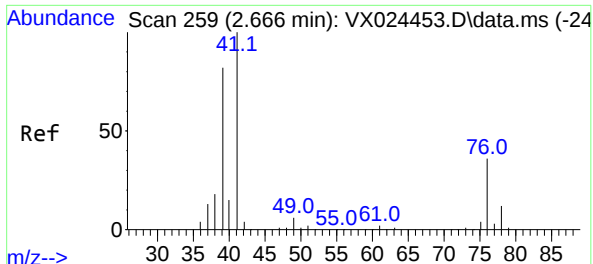


#13

Acrolein
Concen: 10.434 ug/l
RT: 2.020 min Scan# 153
Delta R.T. -0.219 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



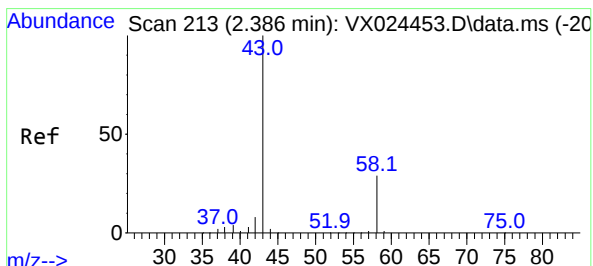
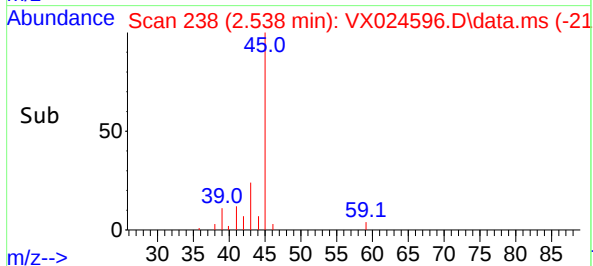
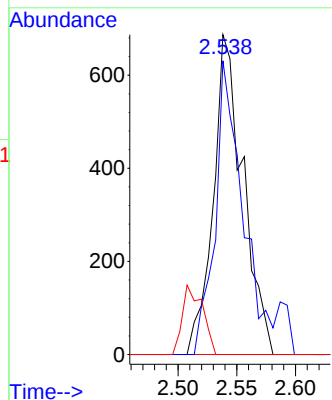
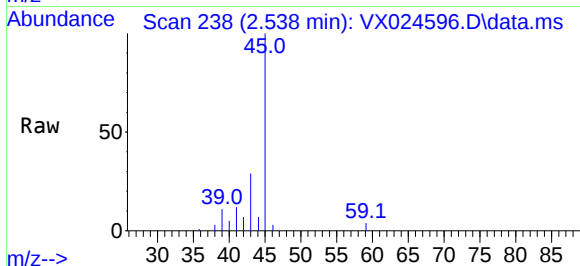


#14
Allyl chloride
Concen: 0.527 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 41 Resp: 1211

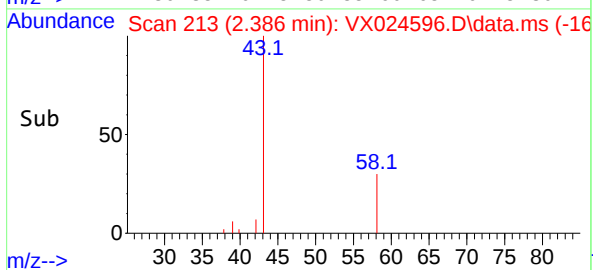
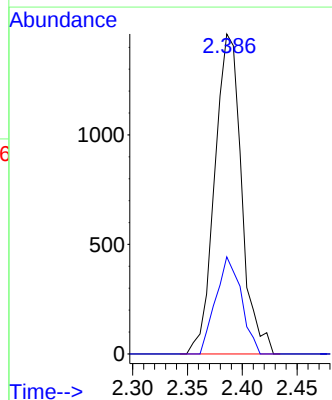
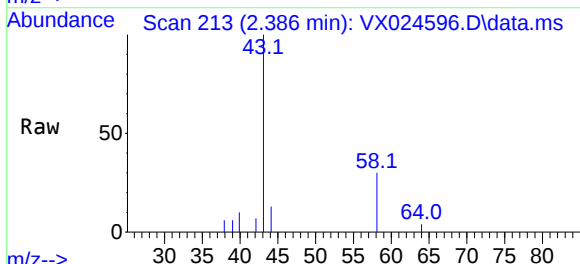
Ion	Ratio	Lower	Upper
41	100		
39	85.0	51.6	77.4#
76	0.0	30.5	45.7#

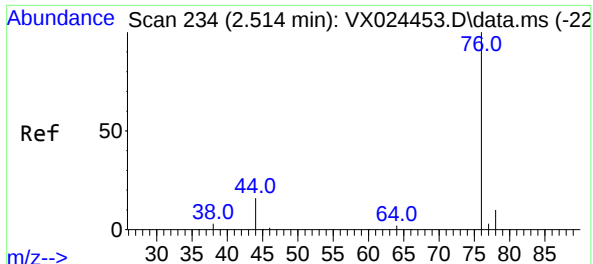


#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 43 Resp: 2487

Ion	Ratio	Lower	Upper
43	100		
58	30.3	27.8	41.8

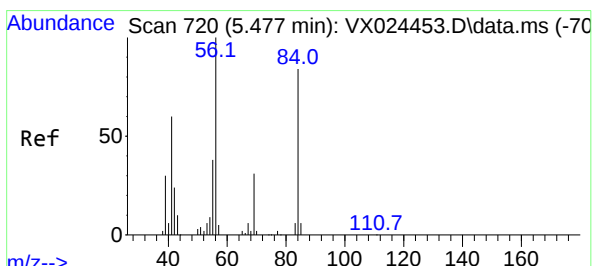
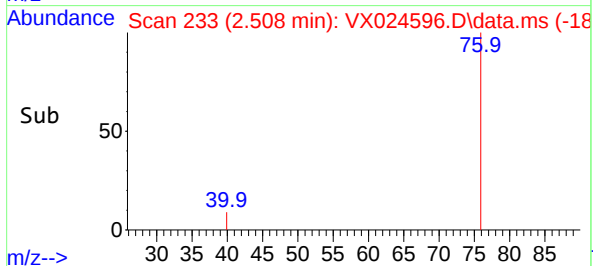
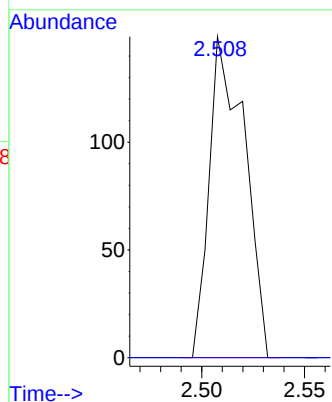
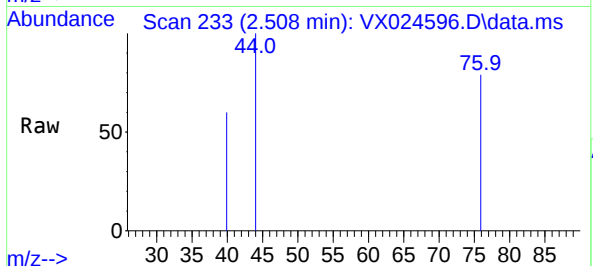




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

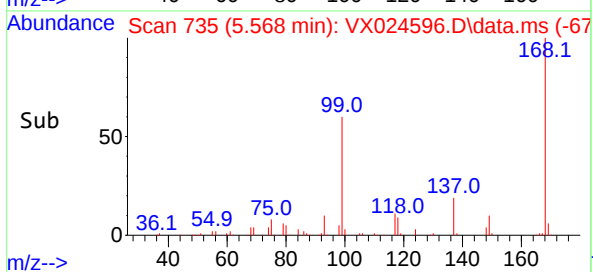
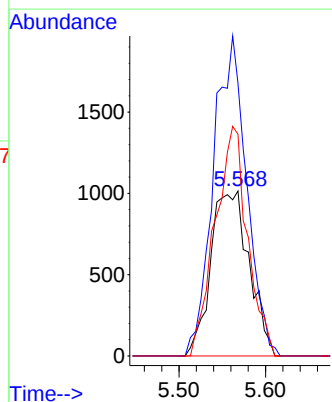
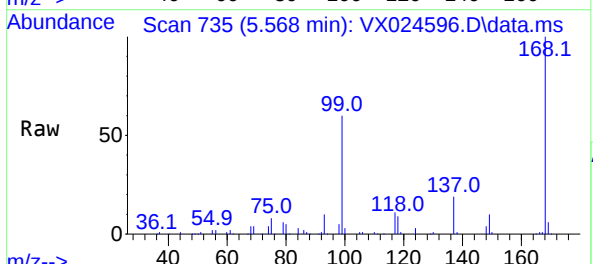
Instrument :
MSVOA_X
ClientSampleId :
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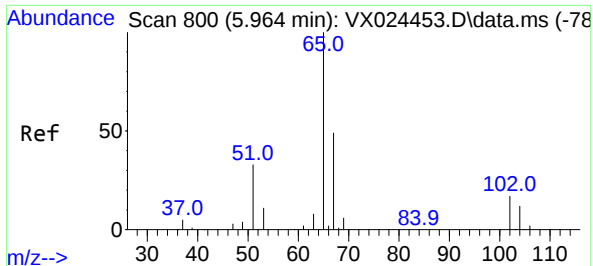
Tgt Ion: 76 Resp: 178
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 56 Resp: 3124
Ion Ratio Lower Upper
56 100
69 165.3 25.3 37.9#
84 134.4 71.4 107.0#



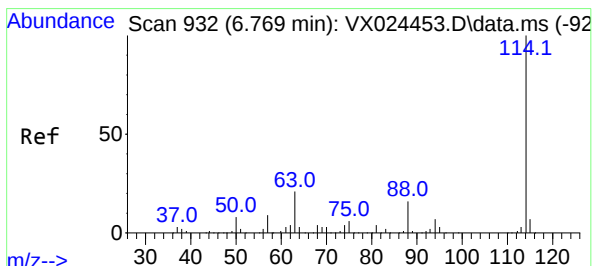
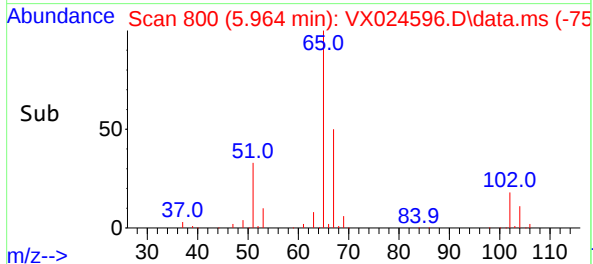
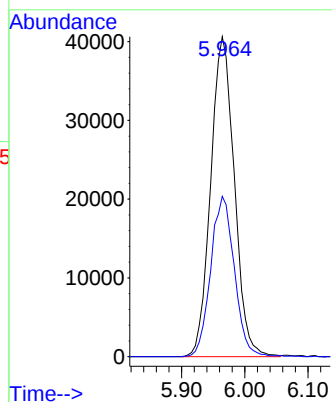
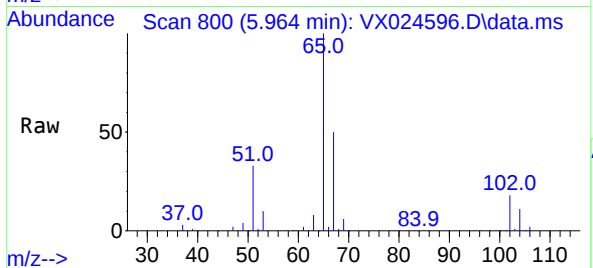


#33

1,2-Dichloroethane-d4
Concen: 54.553 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

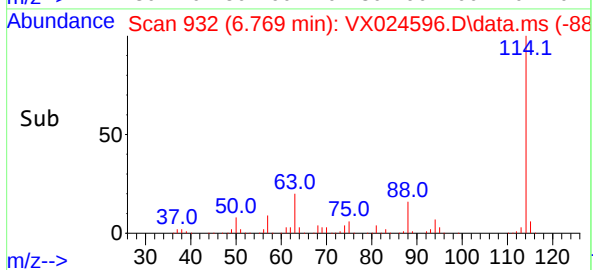
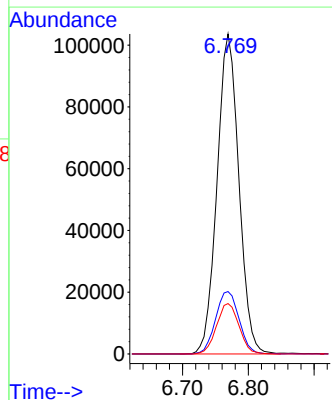
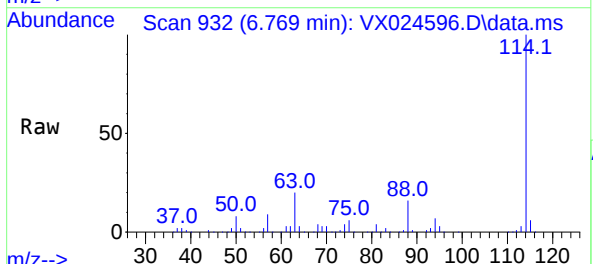
Tgt Ion: 65 Resp: 105364
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

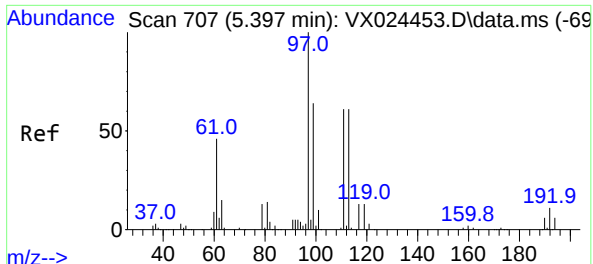


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 114 Resp: 239304
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024596.D

Acq: 06 Oct 2021 02:11

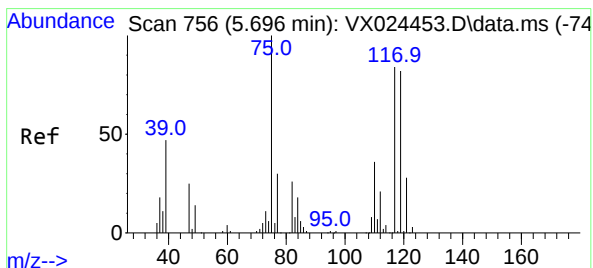
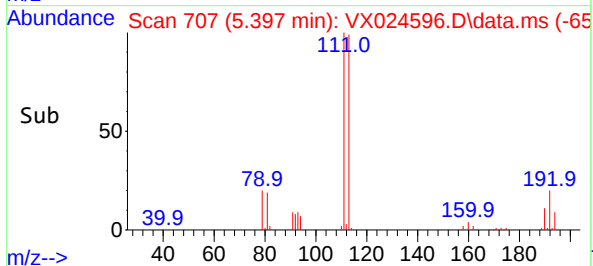
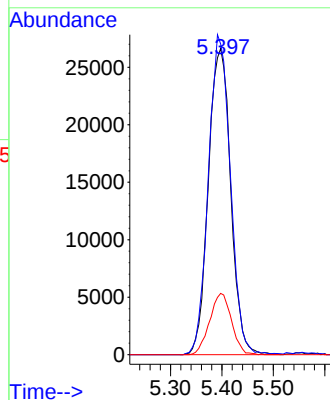
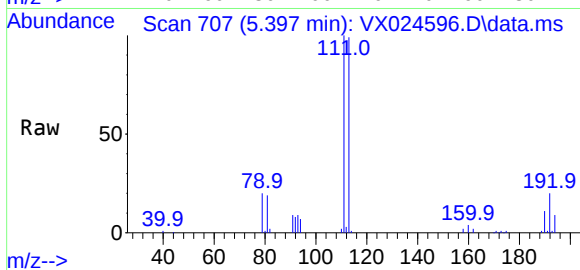
Tgt Ion:113 Resp: 80467

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024596.D

Acq: 06 Oct 2021 02:11

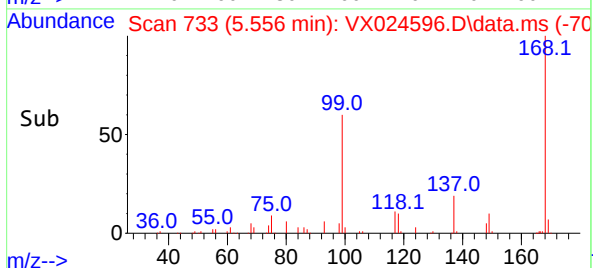
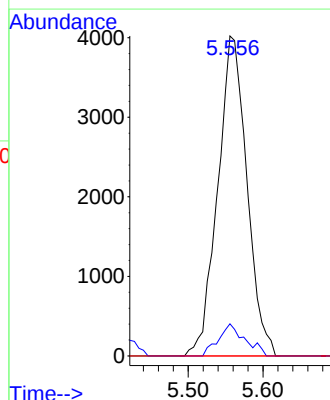
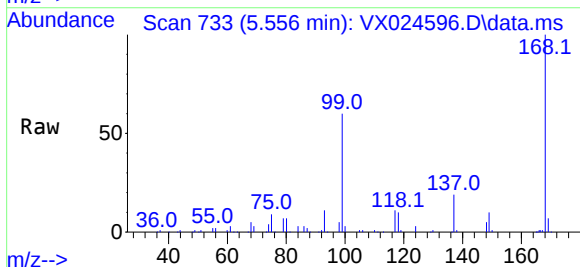
Tgt Ion: 75 Resp: 10919

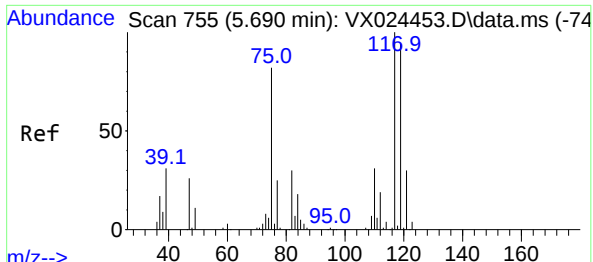
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

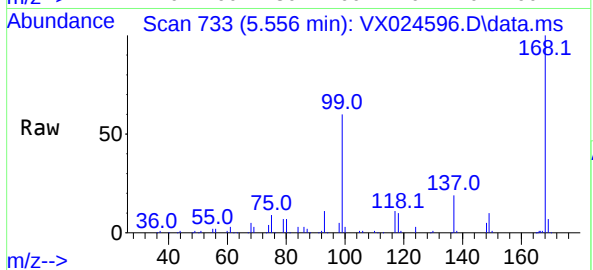
77 0.0 25.3 37.9#



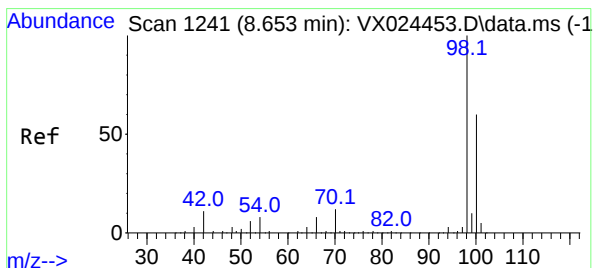
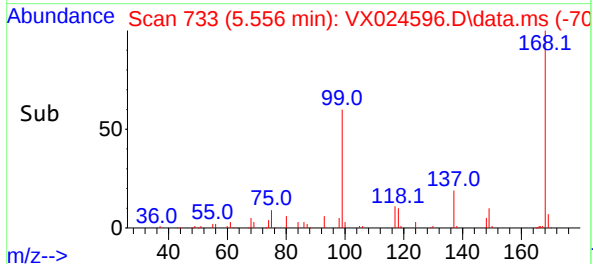
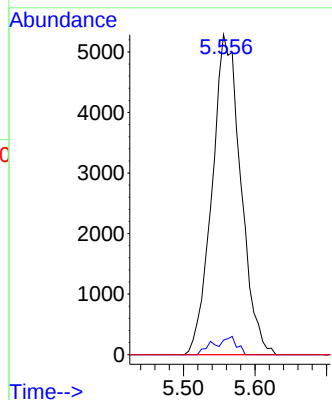


#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Instrument :
MSVOA_X
ClientSampleId :
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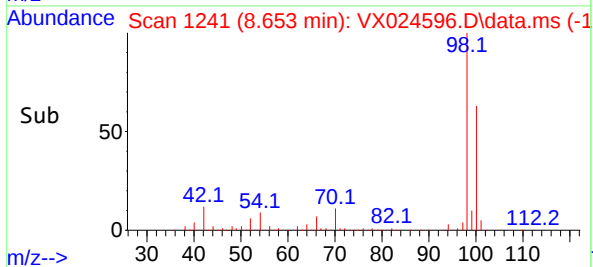
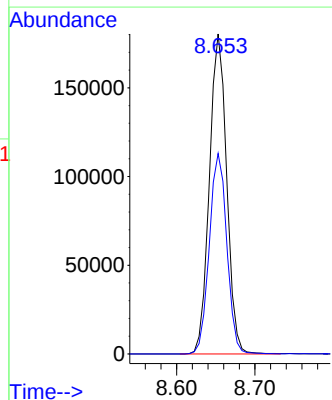
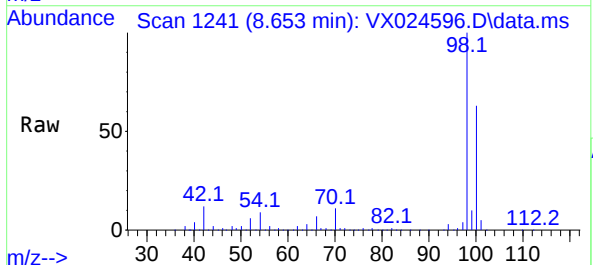


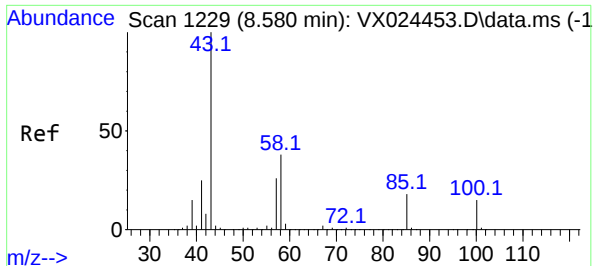
Tgt Ion:117 Resp: 14731
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.184 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 98 Resp: 276081
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

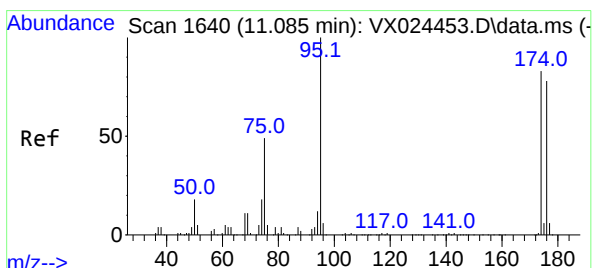
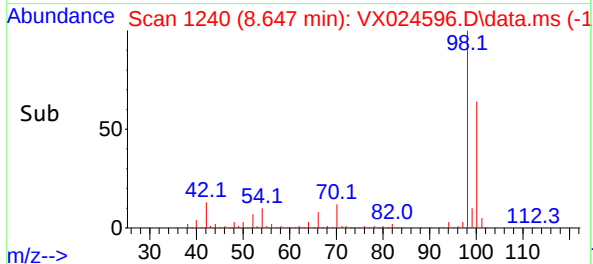
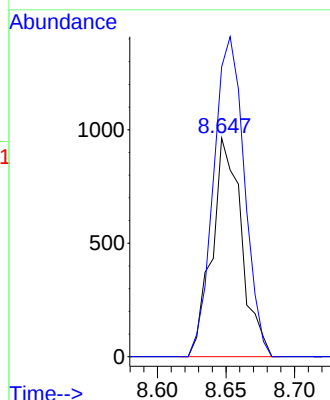
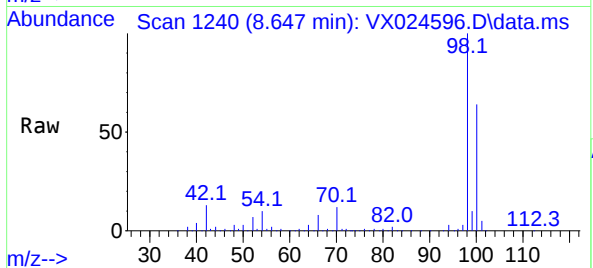




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

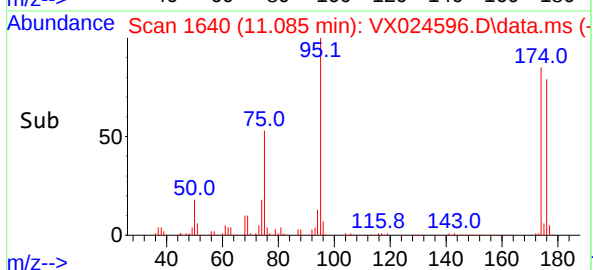
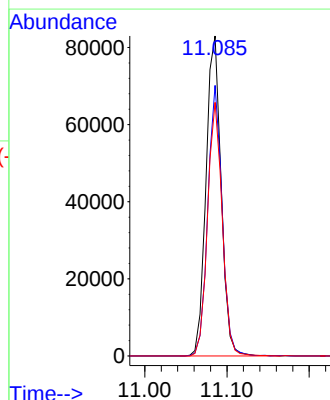
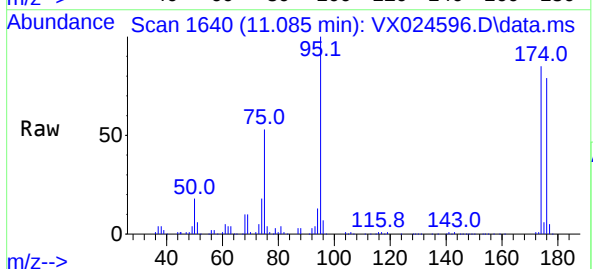
Instrument :
MSVOA_X
ClientSampled :
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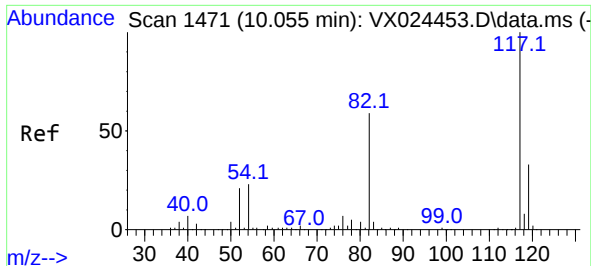
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 153.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.002 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 95 Resp: 105830
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 76.8 0.0 155.8

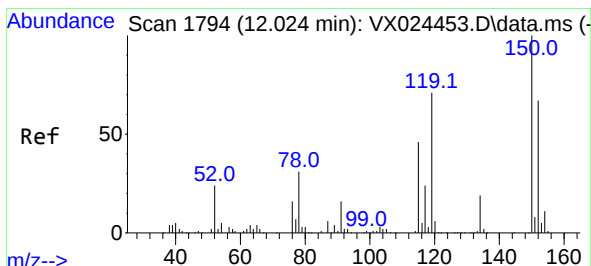
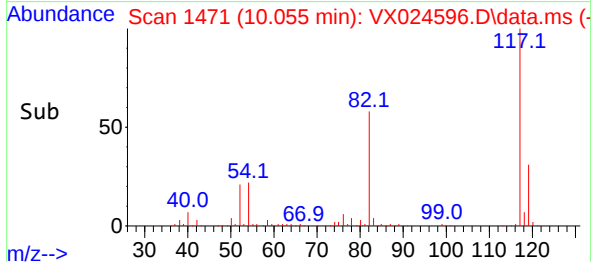
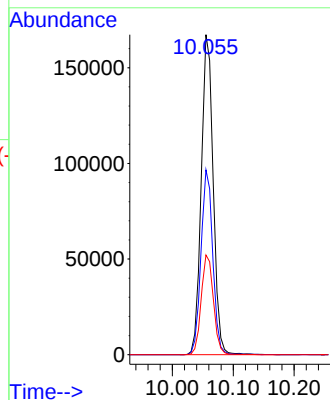
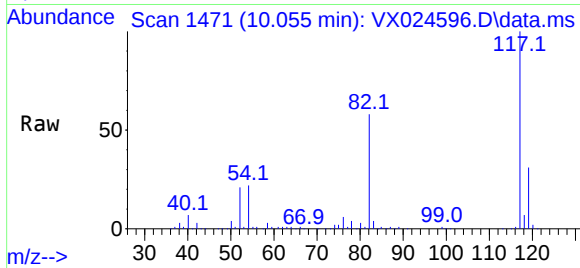




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

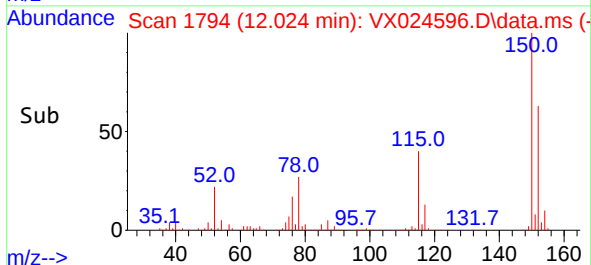
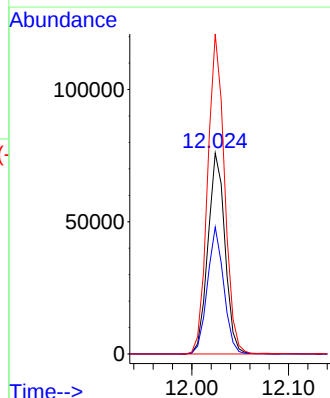
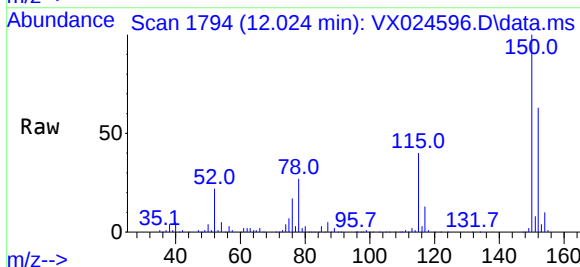
Instrument :
MSVOA_X
ClientSampleId :
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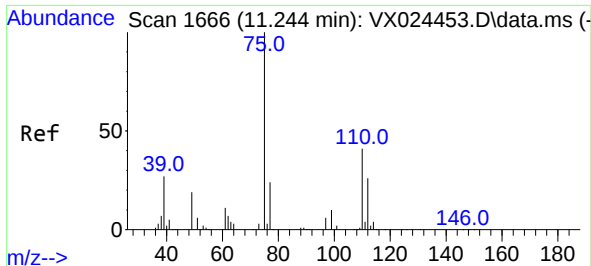
Tgt Ion:117 Resp: 228158
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion:152 Resp: 93210
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.1 0.0 349.0

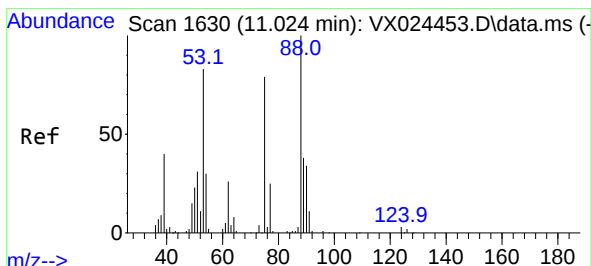
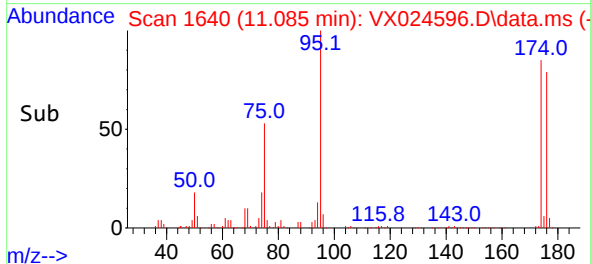
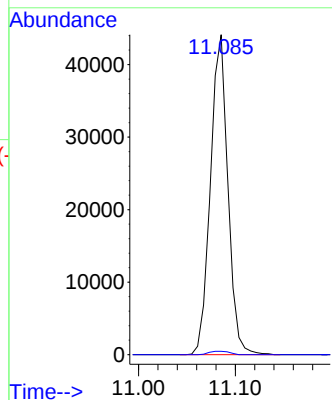
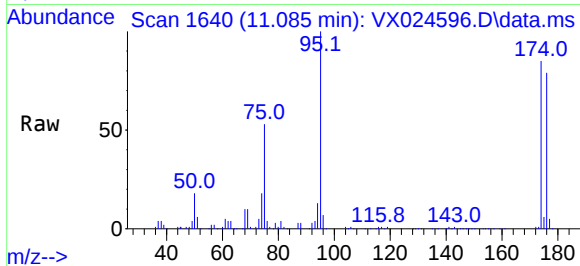




#76
1,2,3-Trichloropropane
Concen: 26.131 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

Tgt Ion: 75 Resp: 55313
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.171 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024596.D
Acq: 06 Oct 2021 02:11

Tgt Ion: 75 Resp: 55313
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

