

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024714.D
 Acq On : 11 Oct 2021 16:04
 Operator : JC/MD
 Sample : M3990-10
 Misc : 3.93g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 17:13:27 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)

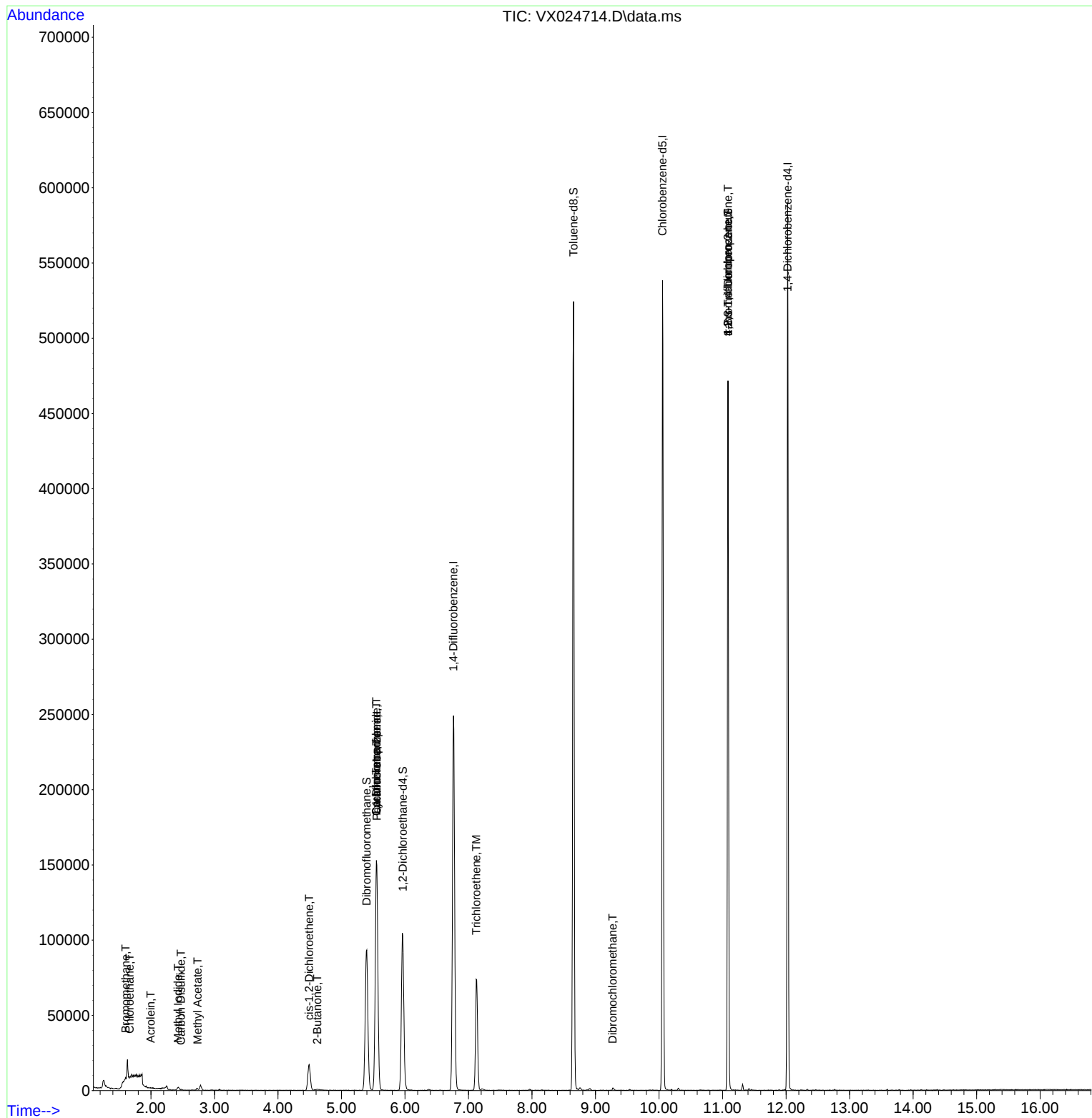
Internal Standards						
1) Pentafluorobenzene	5.556	168	144657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107805	52.878	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.760%			
35) Dibromofluoromethane	5.397	113	81604	48.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.820%			
50) Toluene-d8	8.653	98	307583	50.087	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.085	95	118311	49.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.000%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	597	0.618	ug/l	90
6) Chloroethane	1.666	64	181	0.447	ug/l #	43
10) Methyl Iodide	2.428	142	1320	0.661	ug/l #	86
11) Tert butyl alcohol	2.947	59	154	Below Cal	#	73
13) Acrolein	1.995	56	19	10.223	ug/l #	45
16) Acetone	2.416	43	1100	Below Cal	#	87
17) Carbon Disulfide	2.471	76	640	0.414	ug/l #	75
18) Methyl Acetate	2.733	43	1476	0.483	ug/l #	84
20) Methylene Chloride	2.782	84	1630	Below Cal	#	79
25) 2-Butanone	4.617	43	1263	0.900	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	11009	6.255	ug/l	93
31) Cyclohexane	5.550	56	3389	1.388	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	11015	4.575	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14779	5.639	ug/l #	17
44) Trichloroethene	7.123	130	29074	15.348	ug/l	99
60) Dibromochloromethane	9.269	129	290	1.323	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	64026	24.513	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64026	66.883	ug/l #	12

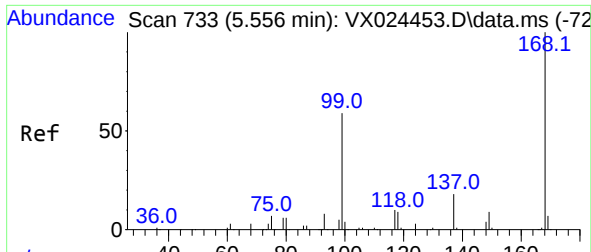
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Oct 11 17:13:27 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

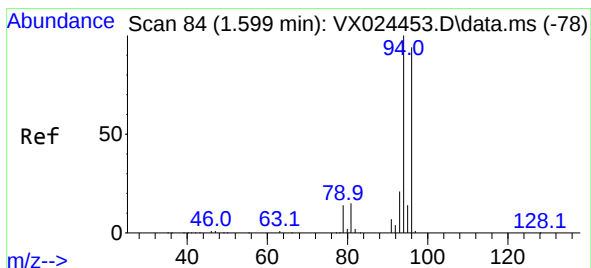
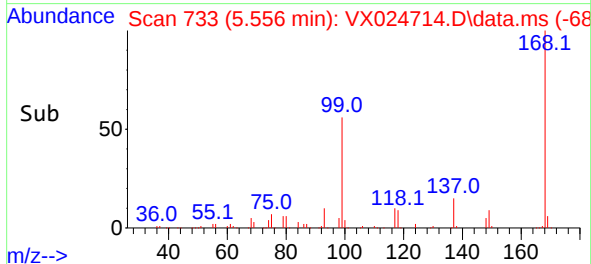
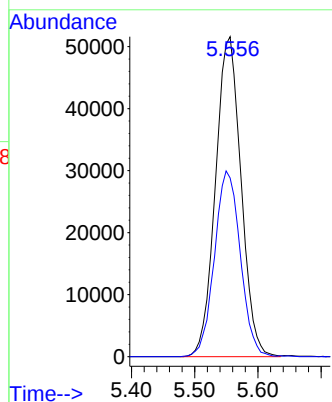
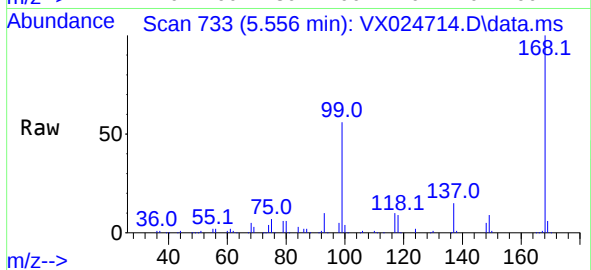




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

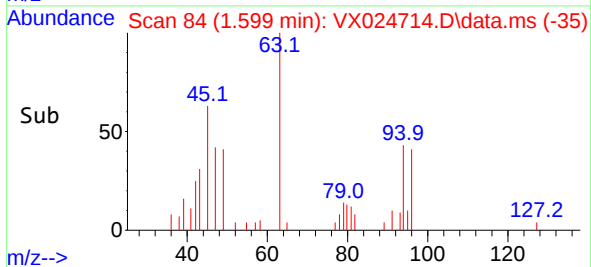
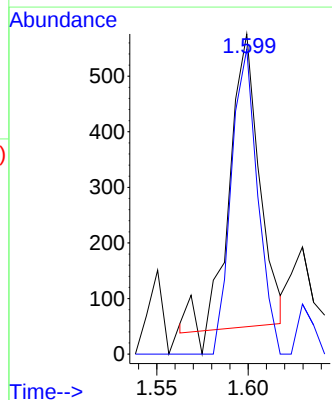
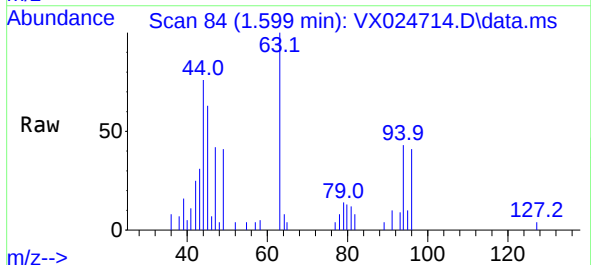
Instrument :
MSVOA_X
ClientSampled :

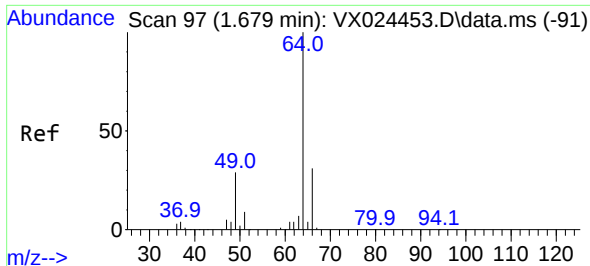
Tgt Ion:168 Resp: 144657
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.6



#5
Bromomethane
Concen: 0.618 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 105.4 76.4 114.6

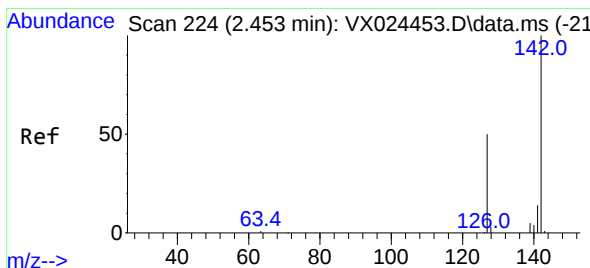
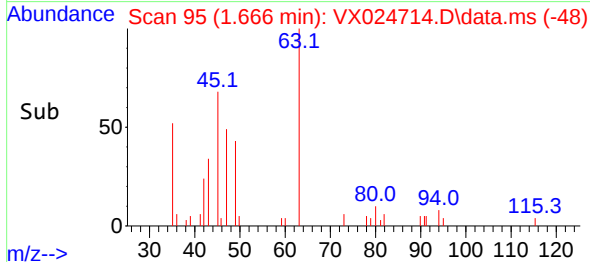
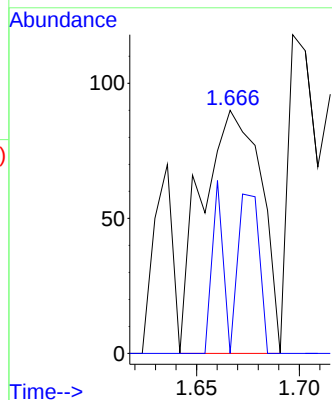
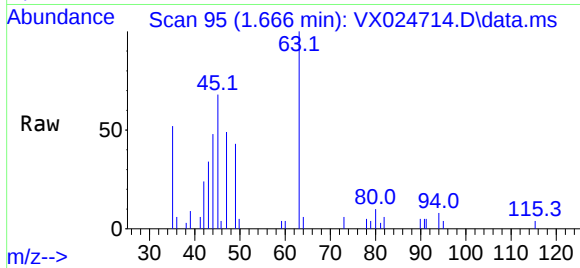




#6
Chloroethane
Concen: 0.447 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

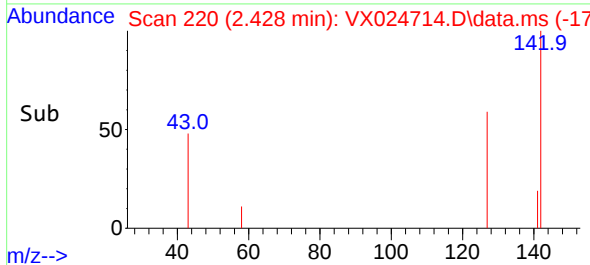
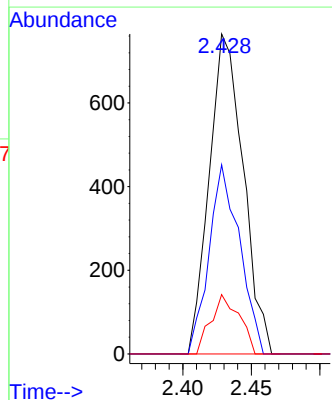
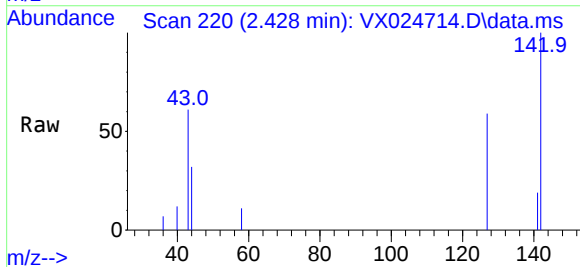
Instrument :
MSVOA_X
ClientSampled :

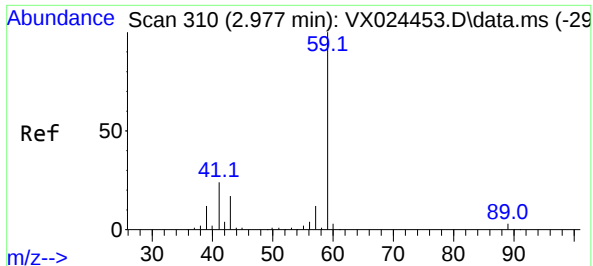
Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.661 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 142 Resp: 1320
Ion Ratio Lower Upper
142 100
127 53.1 33.3 49.9#
141 15.5 11.4 17.0



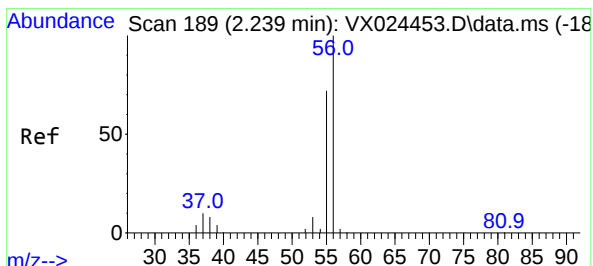
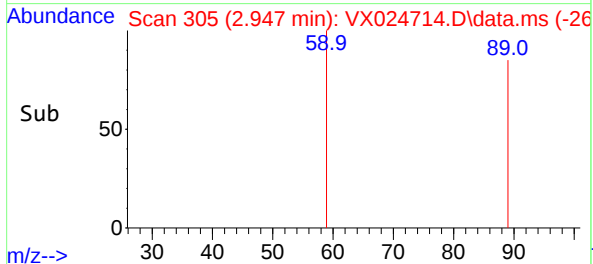
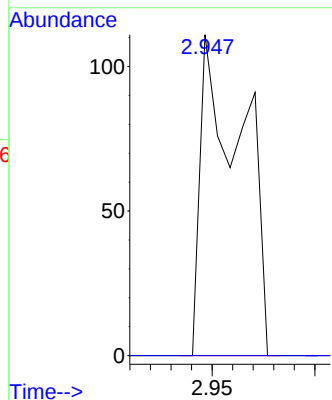
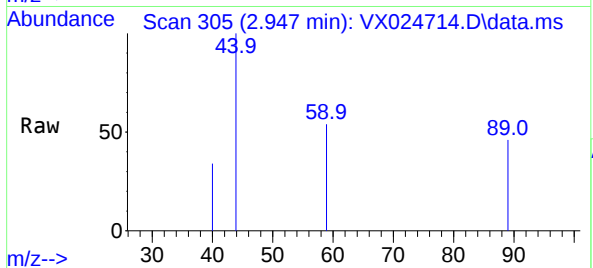


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Instrument :
MSVOA_X
ClientSampled :

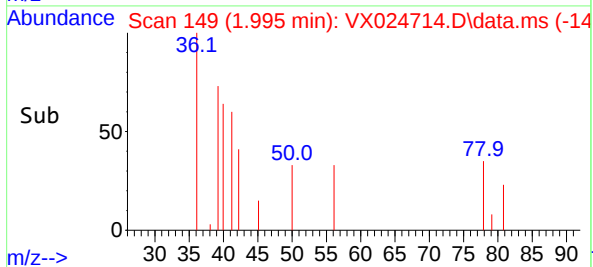
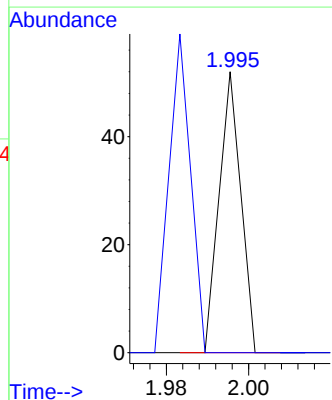
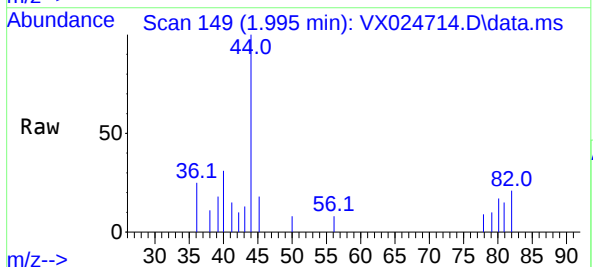
Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

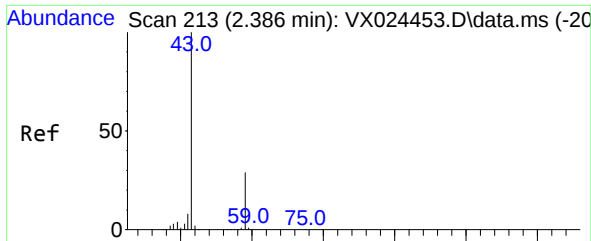


#13

Acrolein
Concen: 10.223 ug/l
RT: 1.995 min Scan# 149
Delta R.T. -0.244 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 115.8 56.4 84.6#

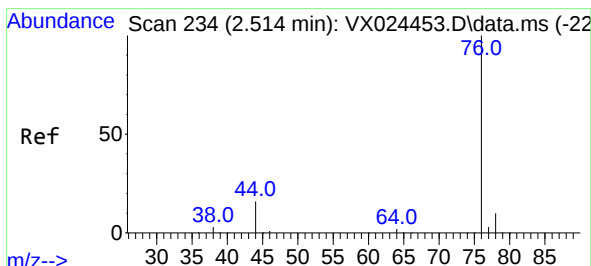
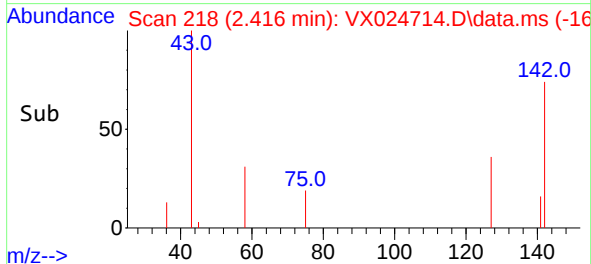
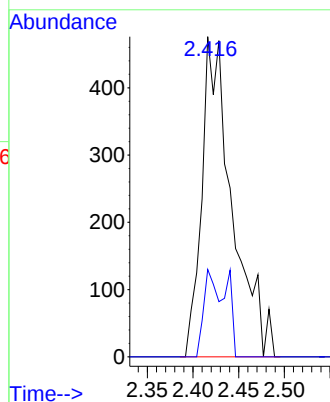
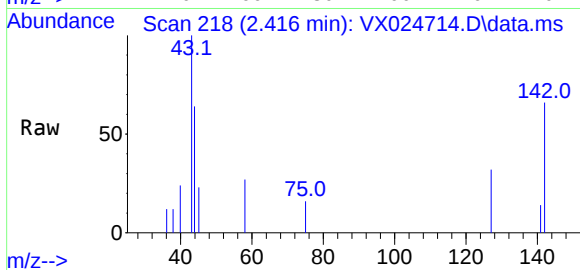




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

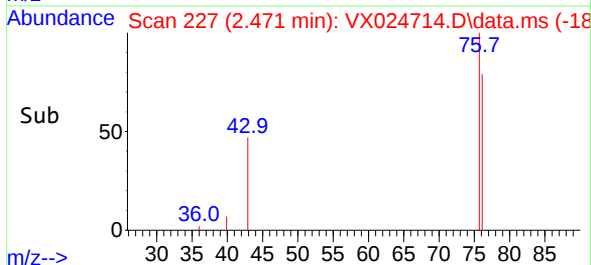
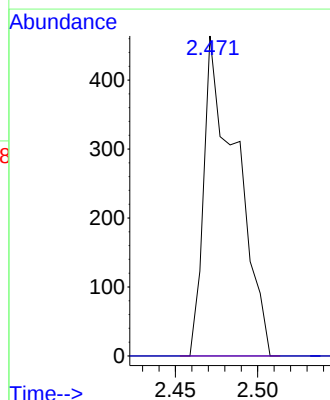
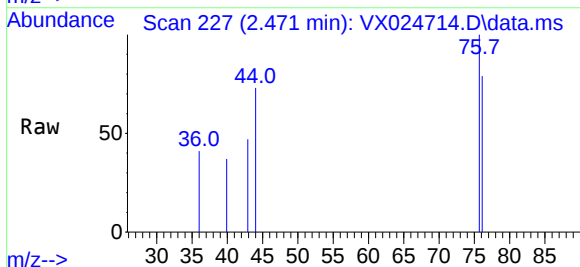
Instrument :
MSVOA_X
ClientSampleId :

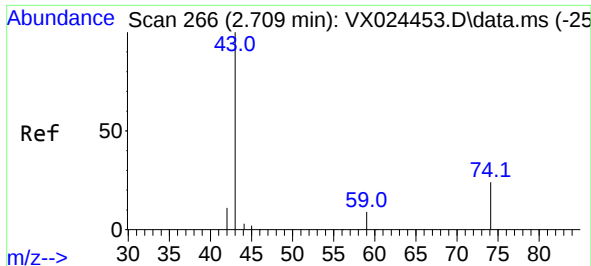
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.414 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 76 Resp: 640
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.483 ug/l

RT: 2.733 min Scan# 270

Delta R.T. 0.024 min

Lab File: VX024714.D

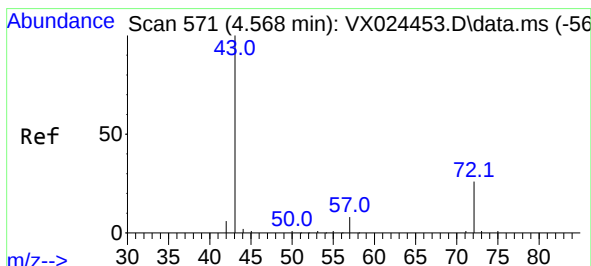
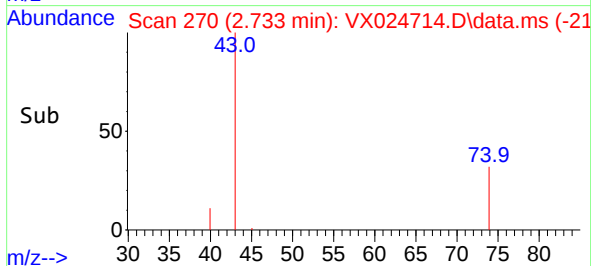
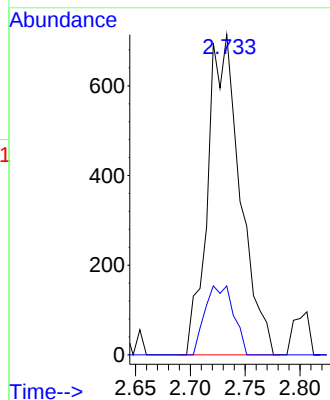
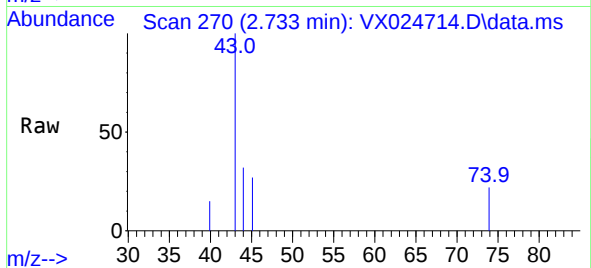
Acq: 11 Oct 2021 16:04

Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

74 19.0 21.9 32.9#



#25

2-Butanone

Concen: 0.900 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.049 min

Lab File: VX024714.D

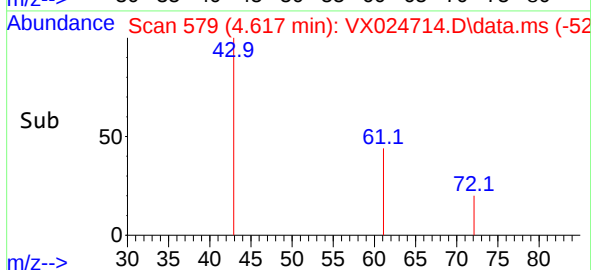
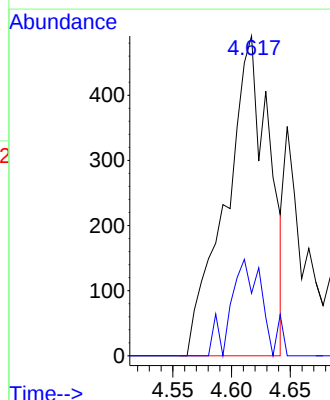
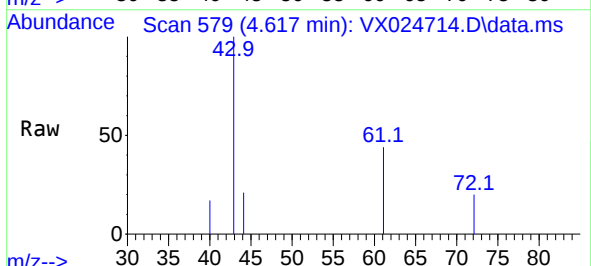
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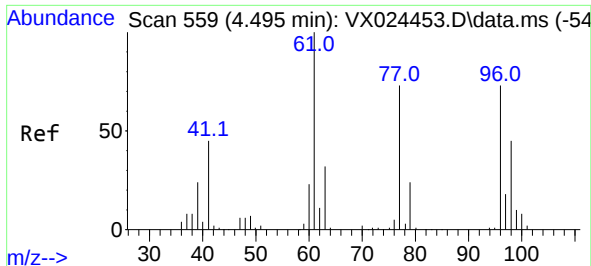
Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

72 19.6 23.7 35.5#



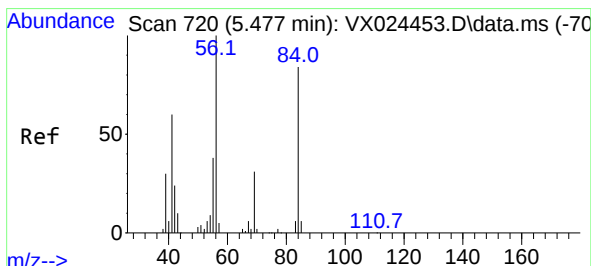
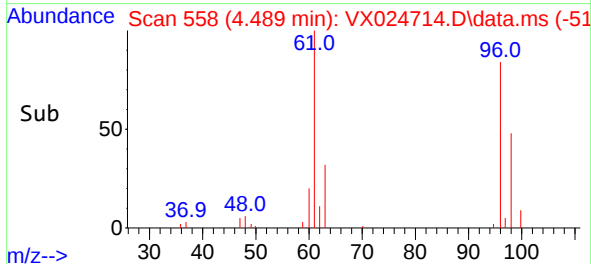
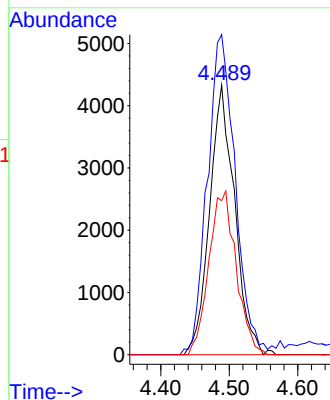
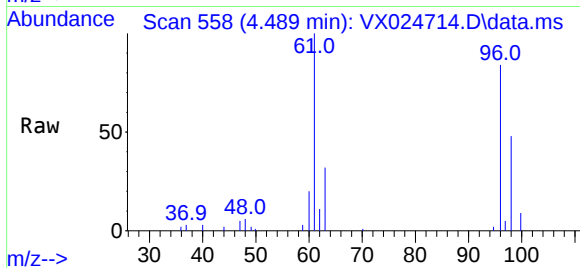


#27
cis-1,2-Dichloroethene
Concen: 6.255 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 11009

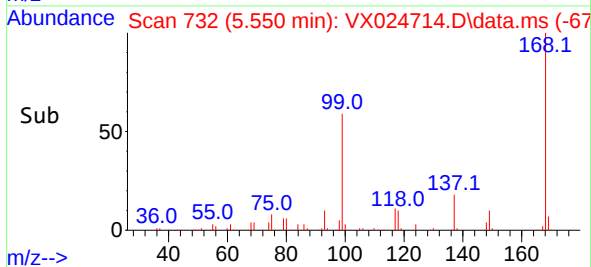
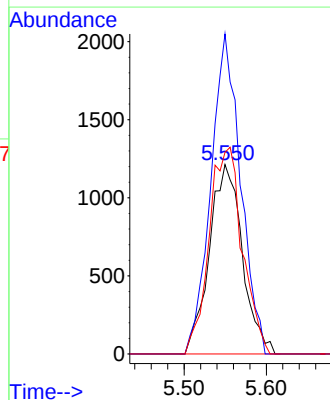
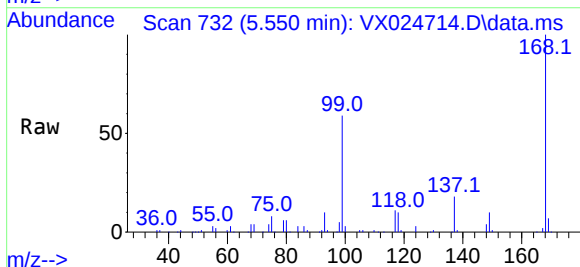
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	285.6
98	66.1	0.0	129.6

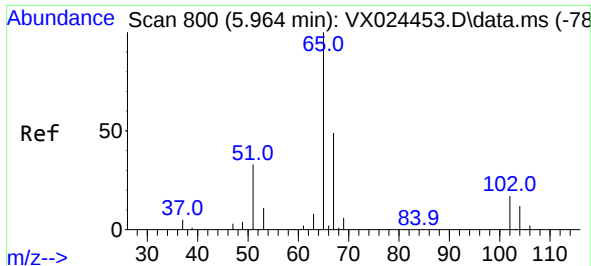


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 56 Resp: 3389

Ion	Ratio	Lower	Upper
56	100		
69	168.9	25.3	37.9#
84	106.4	71.4	107.0



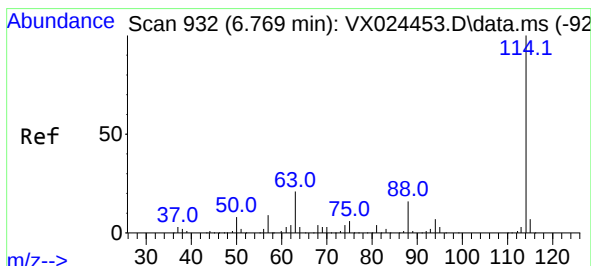
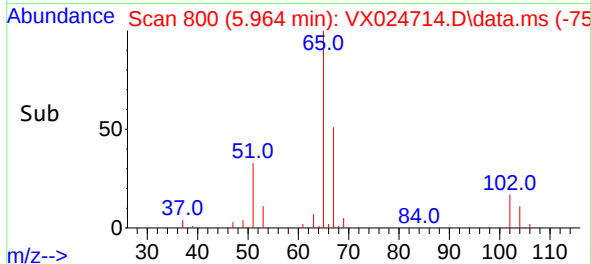
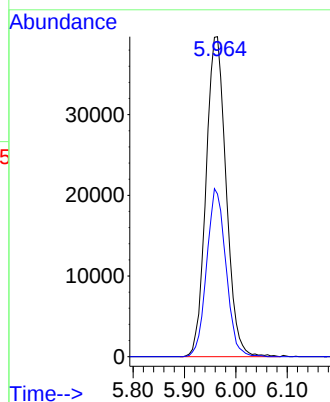
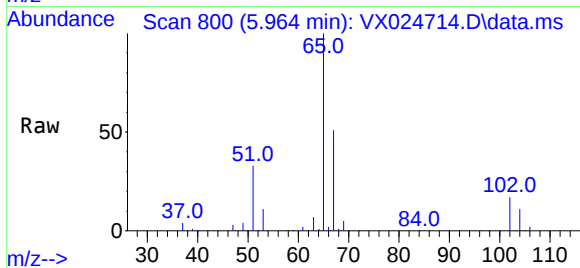


#33

1,2-Dichloroethane-d4
Concen: 52.878 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Instrument :
MSVOA_X
ClientSampled :

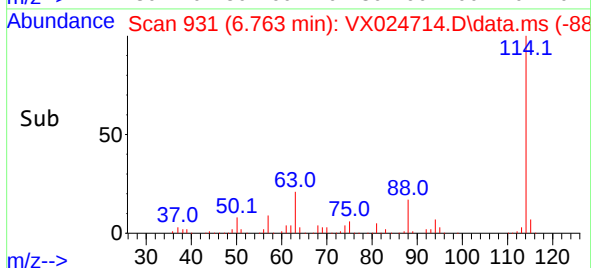
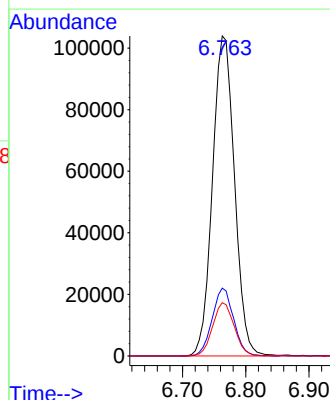
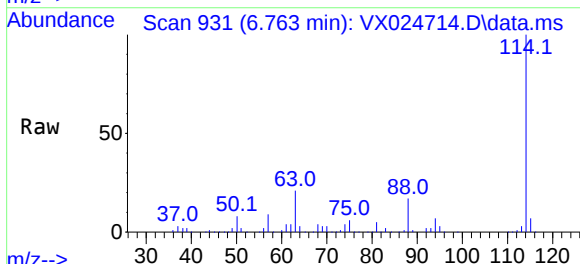
Tgt Ion: 65 Resp: 107805
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

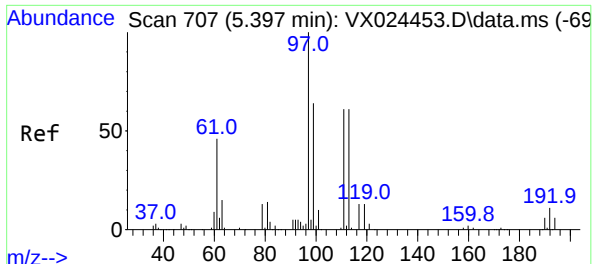


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 114 Resp: 251158
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8

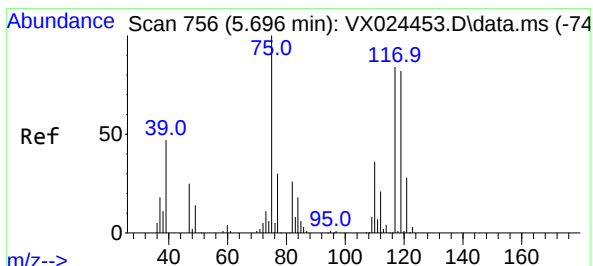
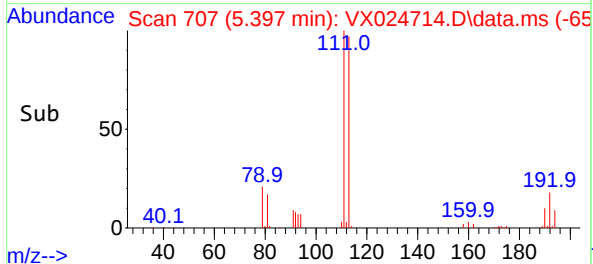
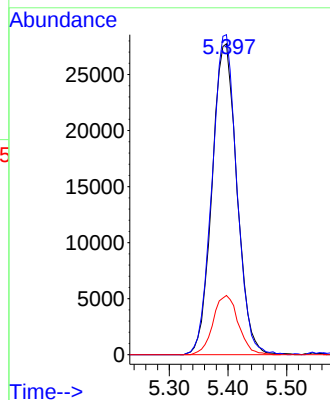
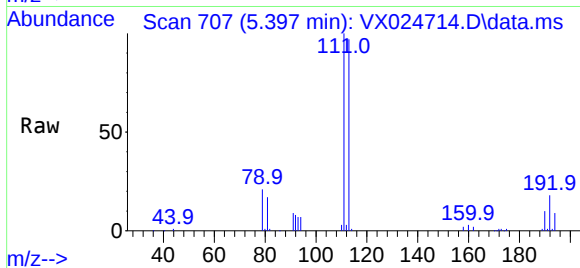




#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

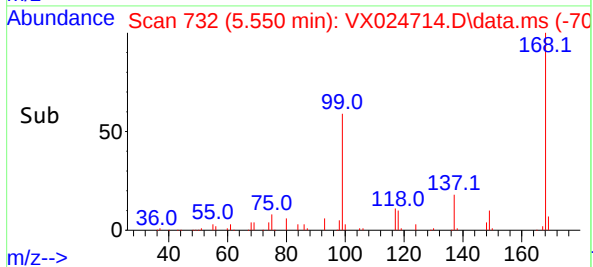
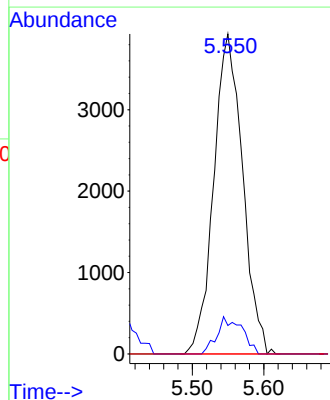
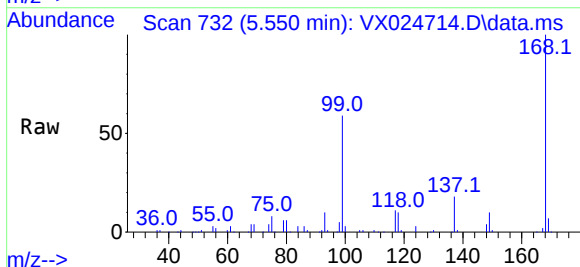
Instrument :
MSVOA_X
ClientSampled :

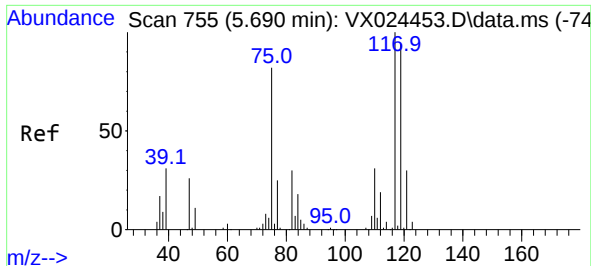
Tgt Ion:113 Resp: 81604
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

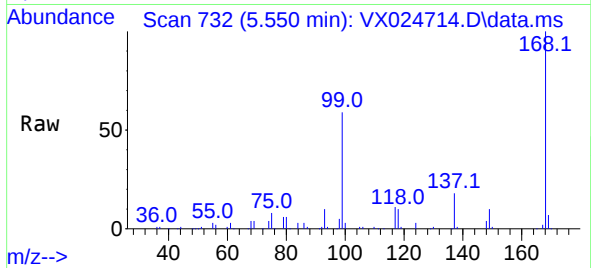
Tgt Ion: 75 Resp: 11015
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



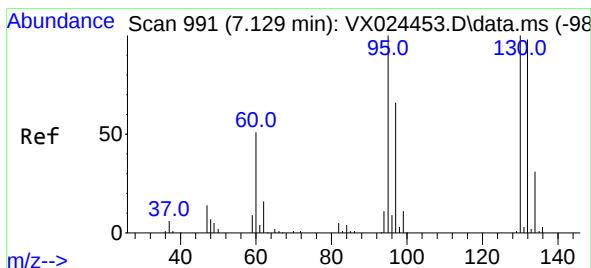
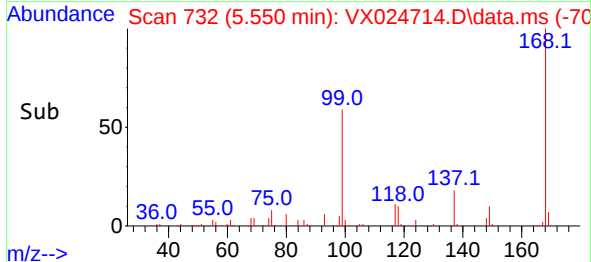
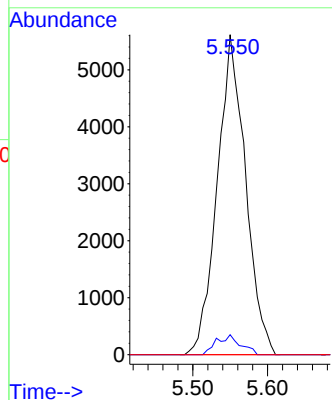


#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Instrument :
MSVOA_X
ClientSampled :

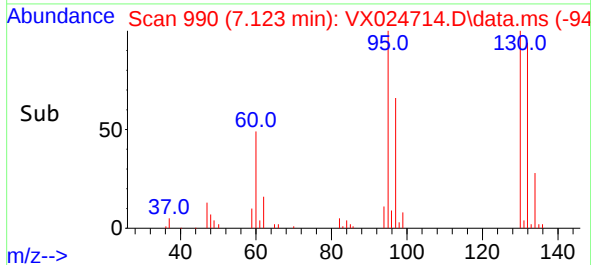
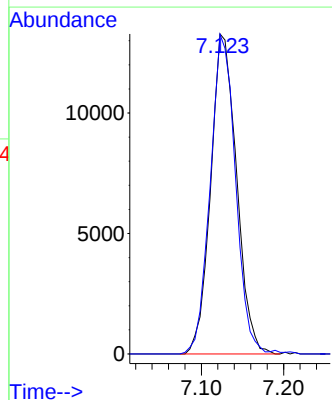
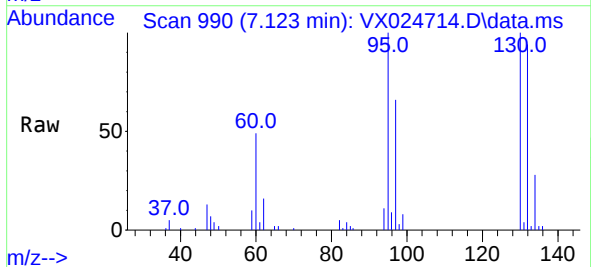


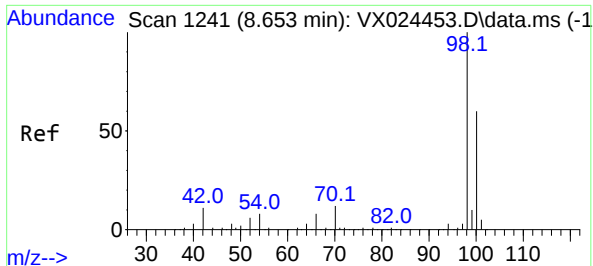
Tgt Ion:117 Resp: 14779
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 15.348 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion:130 Resp: 29074
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.0

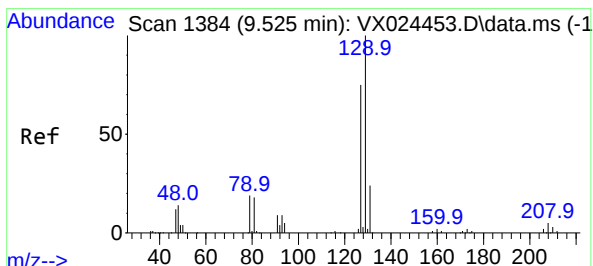
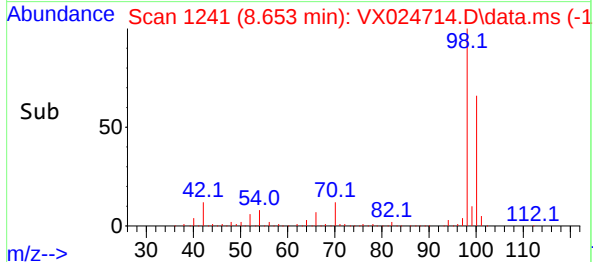
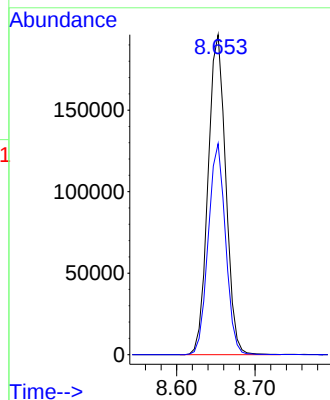
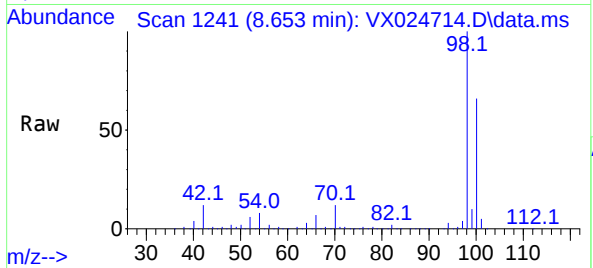




#50
Toluene-d8
Concen: 50.087 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

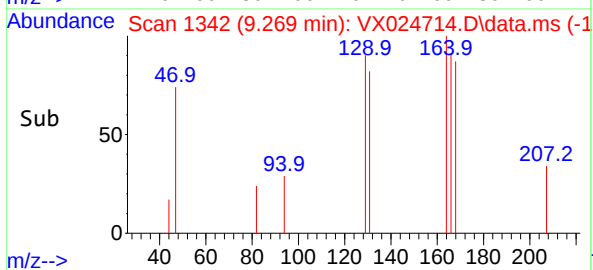
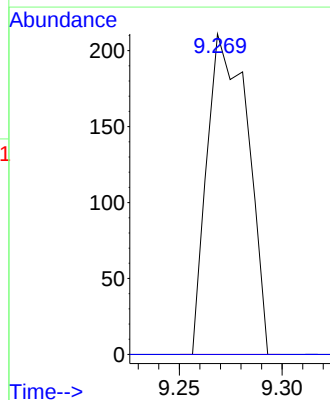
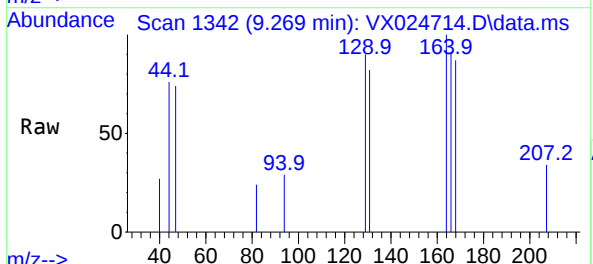
Instrument :
MSVOA_X
ClientSampled :

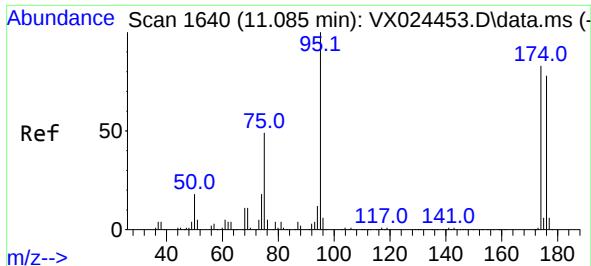
Tgt Ion: 98 Resp: 307583
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#60
Dibromochloromethane
Concen: 1.323 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion:129 Resp: 290
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

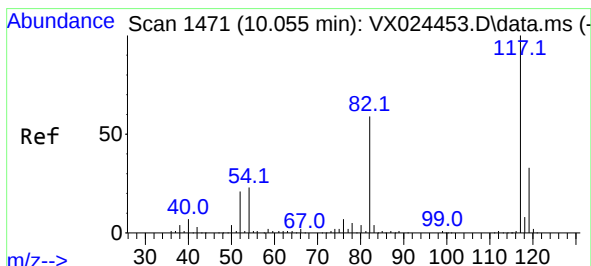
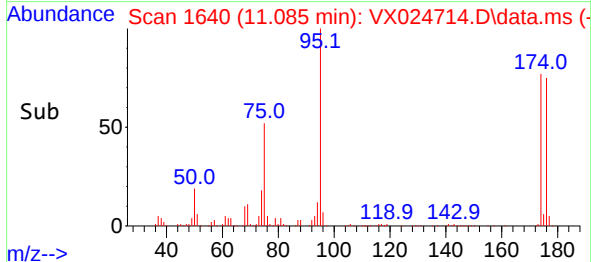
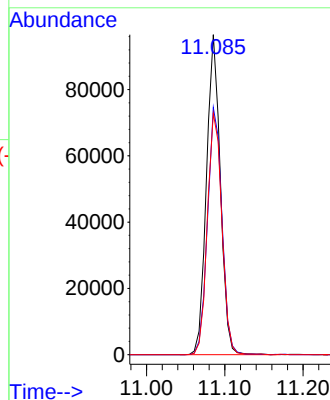
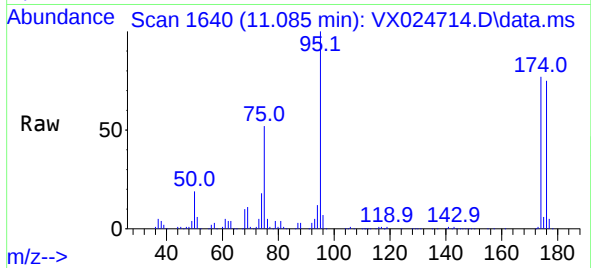




#62
4-Bromofluorobenzene
Concen: 49.000 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

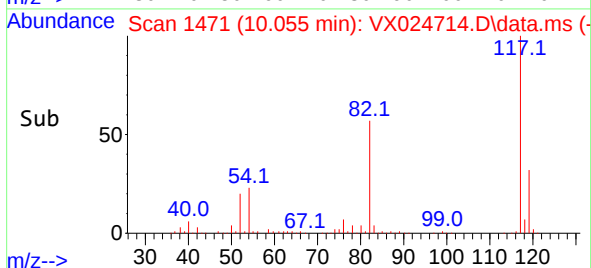
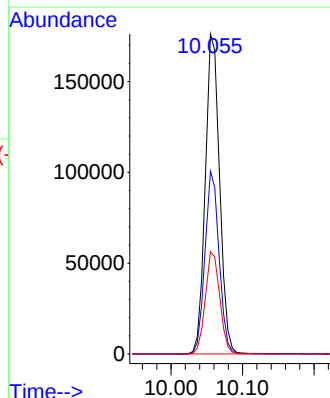
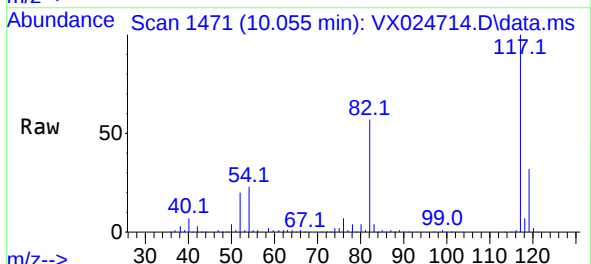
Instrument :
MSVOA_X
ClientSampleId :

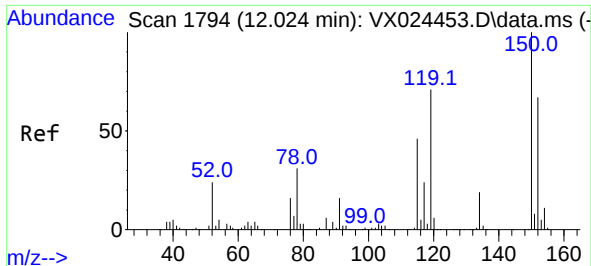
Tgt Ion: 95 Resp: 118311
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 78.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Tgt Ion: 117 Resp: 245554
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 26.6 39.8

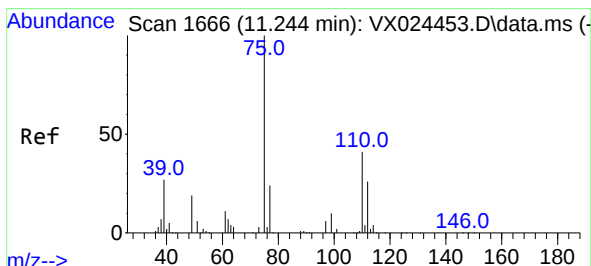
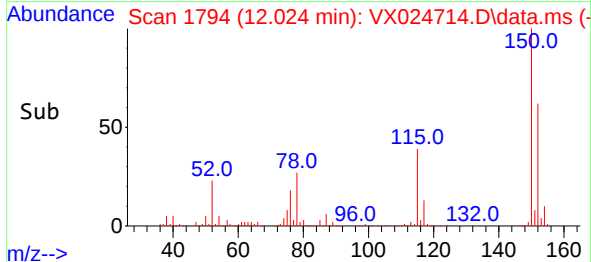
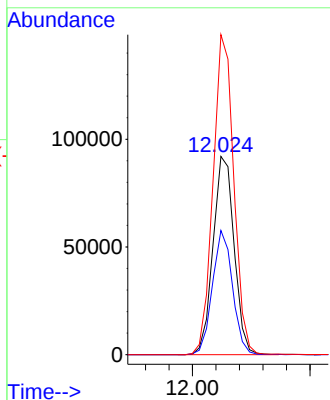
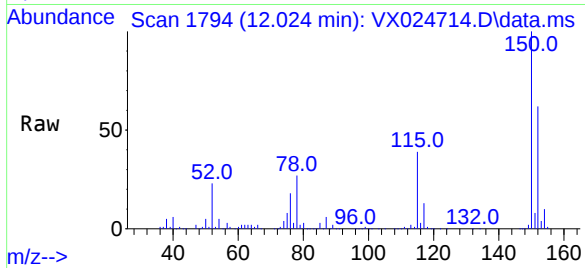




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

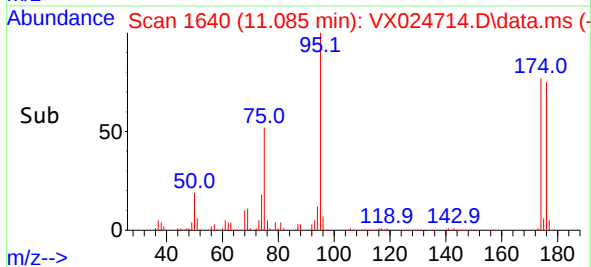
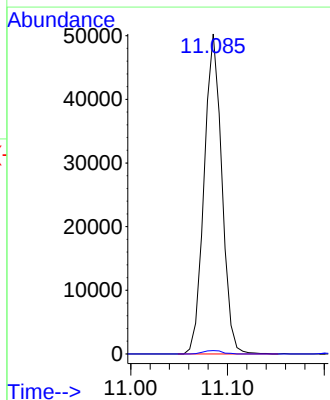
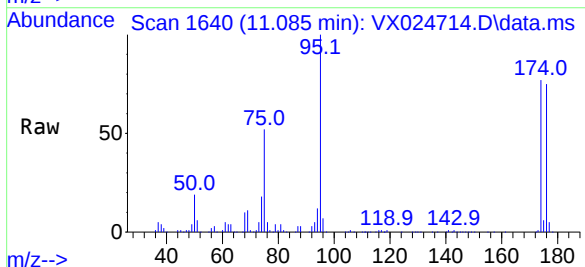
Instrument :
MSVOA_X
ClientSampleId :

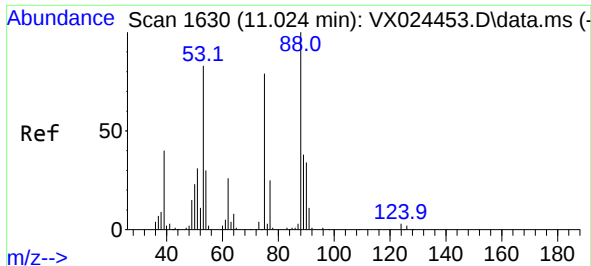
Tgt Ion:152 Resp: 115016
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 159.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.513 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

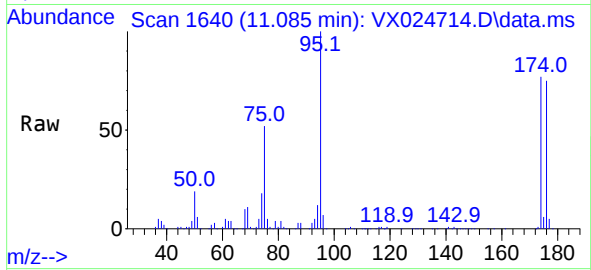
Tgt Ion: 75 Resp: 64026
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024714.D
Acq: 11 Oct 2021 16:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 64026
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

