

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024573.D
 Acq On : 05 Oct 2021 16:02
 Operator : JC/MD
 Sample : M3989-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Oct 06 06:49:20 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)

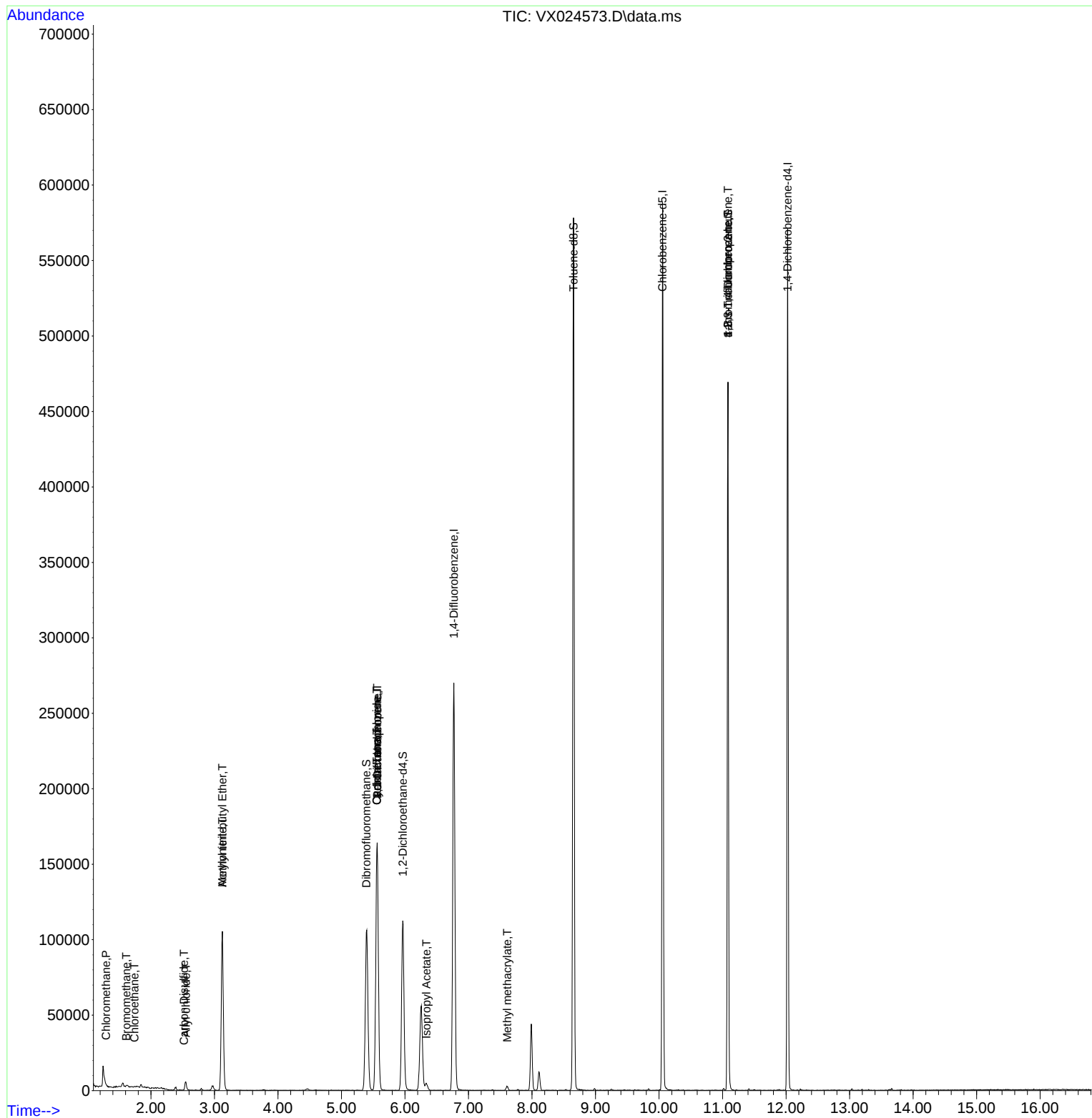
Internal Standards						
1) Pentafluorobenzene	5.562	168	154468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112772	51.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.600%
35) Dibromofluoromethane	5.391	113	91430	49.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.653	98	341216	50.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.085	95	128080	48.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	435	0.297	ug/l	92
5) Bromomethane	1.611	94	232	0.225	ug/l #	74
6) Chloroethane	1.739	64	636	0.878	ug/l #	43
11) Tert butyl alcohol	2.977	59	3511	Below Cal	#	73
14) Allyl chloride	2.550	41	563	0.217	ug/l #	45
15) Acrylonitrile	3.123	53	1438	1.454	ug/l #	23
16) Acetone	2.392	43	2007	Below Cal	#	77
17) Carbon Disulfide	2.520	76	281	0.304	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	112640	21.108	ug/l	97
20) Methylene Chloride	2.794	84	572	Below Cal	#	38
31) Cyclohexane	5.556	56	2964	1.137	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	11410	4.317	ug/l #	45
38) Carbon Tetrachloride	5.556	117	16245	5.646	ug/l #	16
43) Isopropyl Acetate	6.336	43	1230	0.245	ug/l #	1
48) Methyl methacrylate	7.610	41	823	0.331	ug/l #	24
76) 1,2,3-Trichloropropane	11.085	75	63194	23.335	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63194	63.763	ug/l #	12

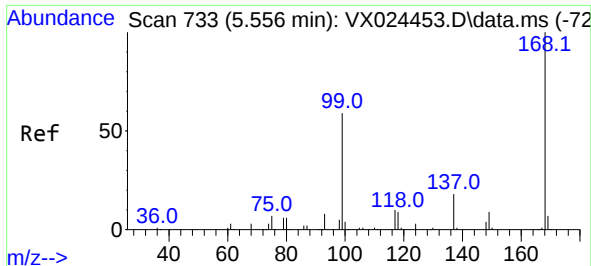
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Oct 06 06:49:20 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

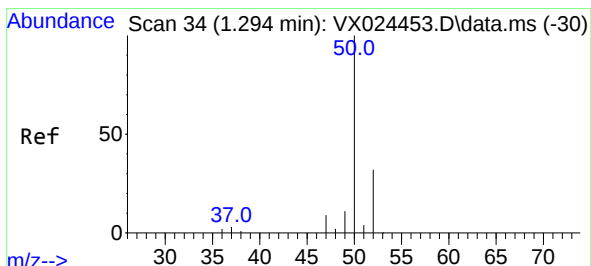
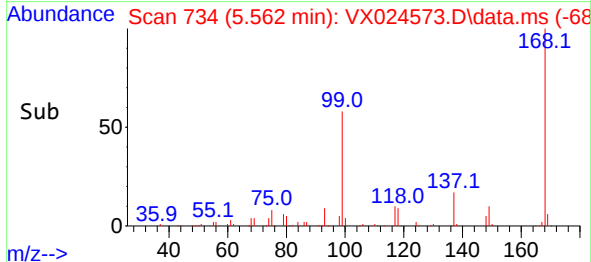
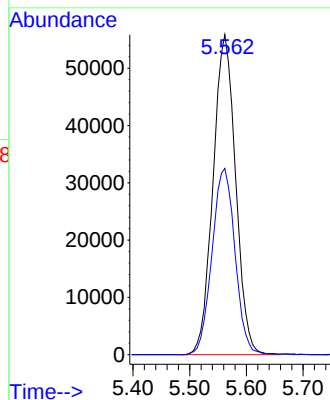
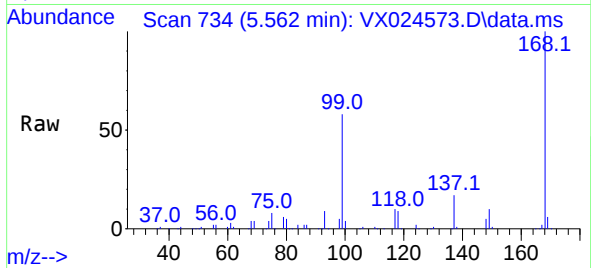




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

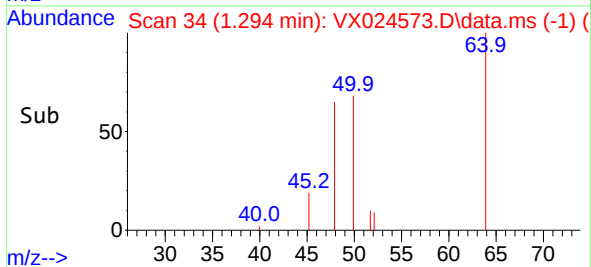
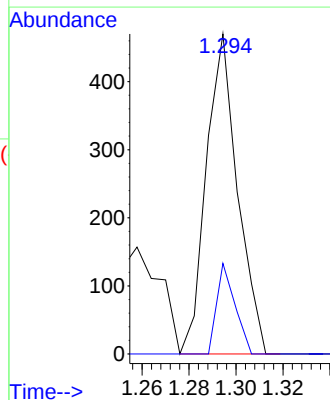
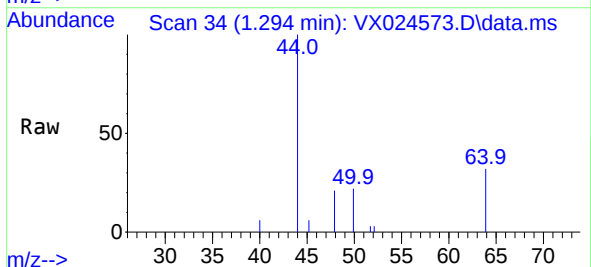
Instrument :
MSVOA_X
ClientSampleId :
MW-6

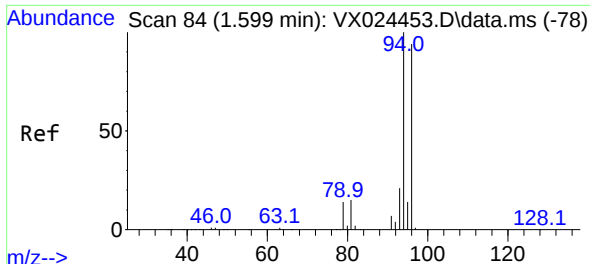
Tgt Ion:168 Resp: 154468
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 28.3 26.4 39.6

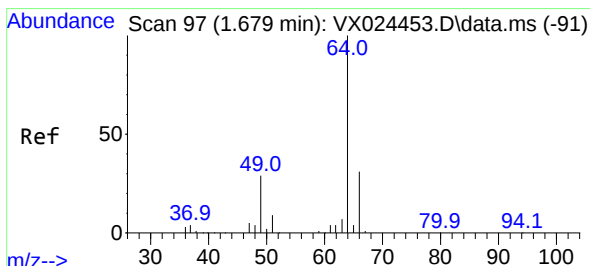
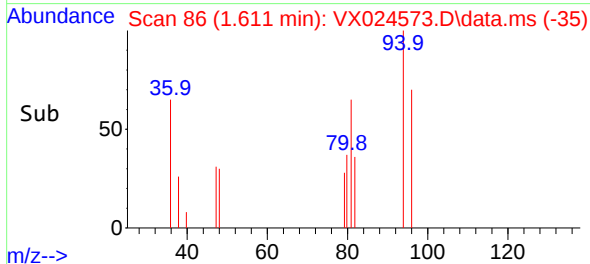
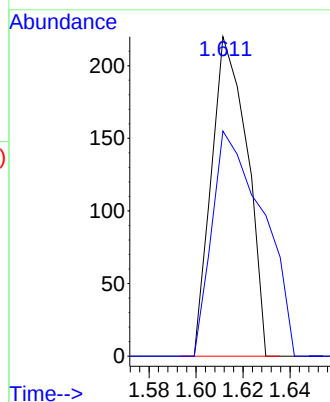
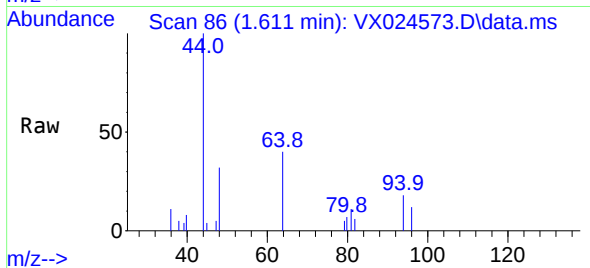




#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

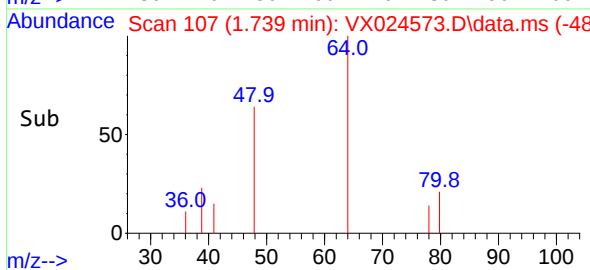
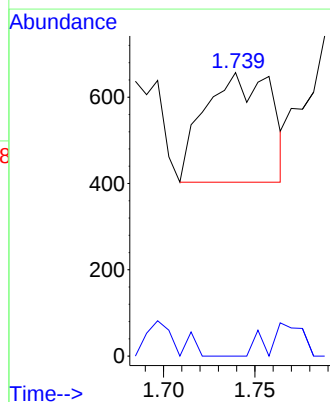
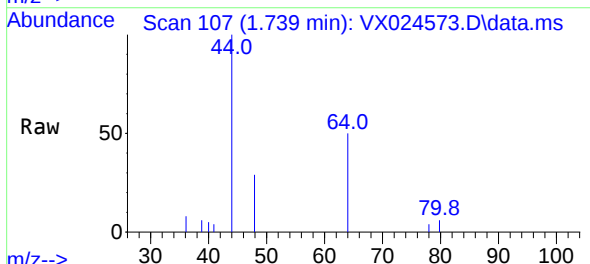
Instrument :
MSVOA_X
ClientSampleId :
MW-6

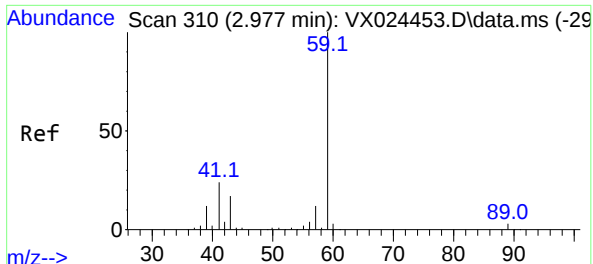
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 70.5 76.4 114.6#



#6
Chloroethane
Concen: 0.878 ug/l
RT: 1.739 min Scan# 107
Delta R.T. 0.060 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 64 Resp: 636
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



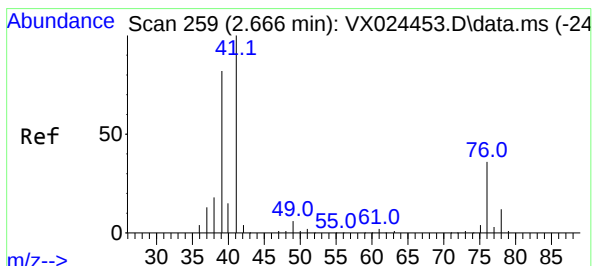
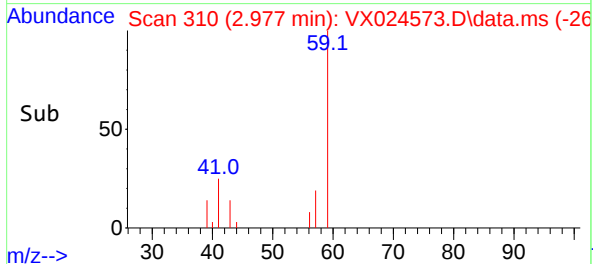
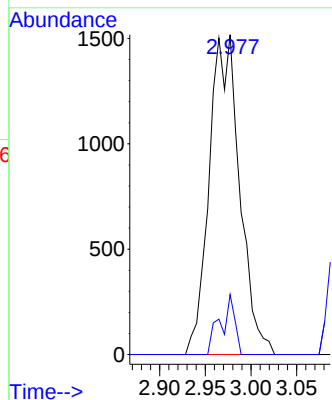
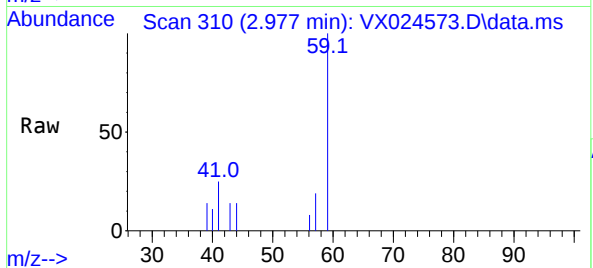


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Instrument :
MSVOA_X
ClientSampled :
MW-6

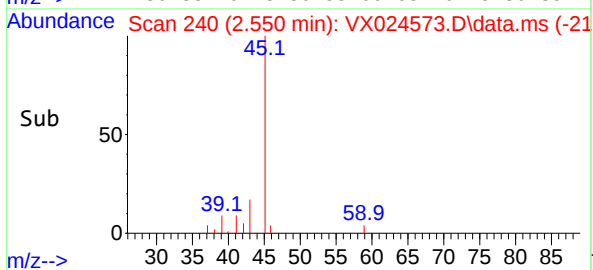
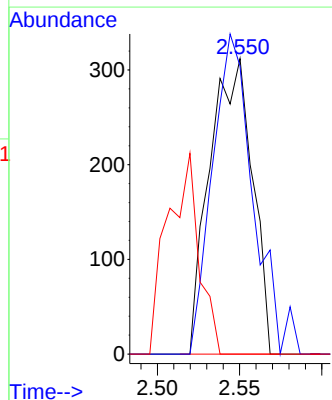
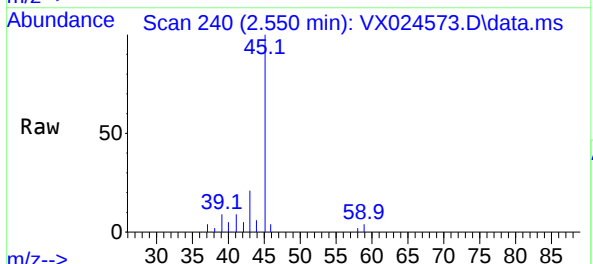
Tgt Ion: 59 Resp: 3511
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

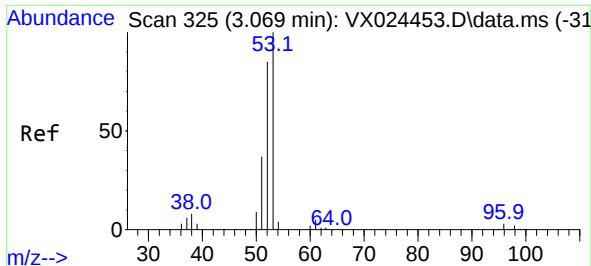


#14

Allyl chloride
Concen: 0.217 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 41 Resp: 563
Ion Ratio Lower Upper
41 100
39 103.9 51.6 77.4#
76 0.0 30.5 45.7#

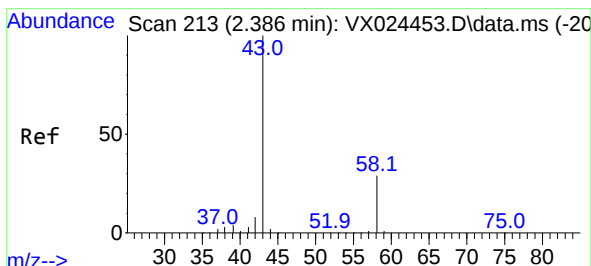
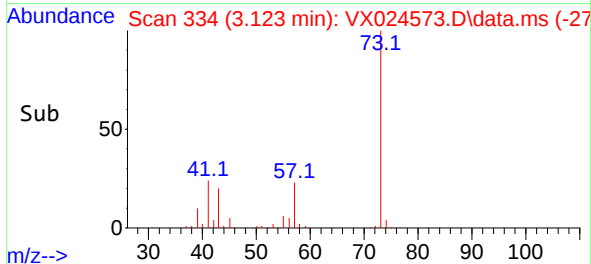
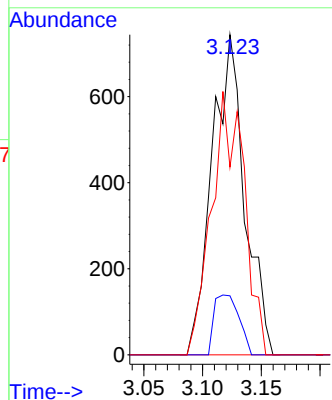
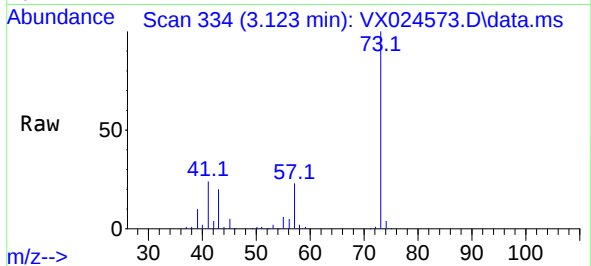




#15
Acrylonitrile
Concen: 1.454 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.054 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

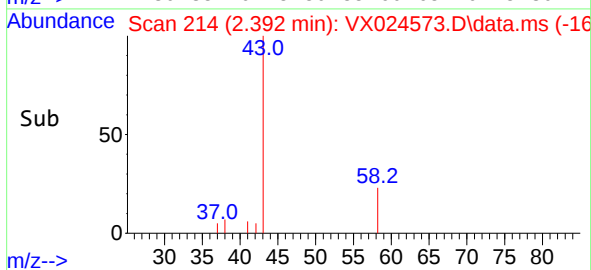
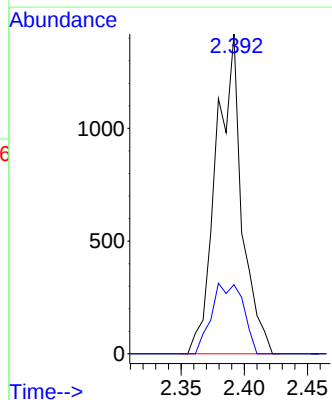
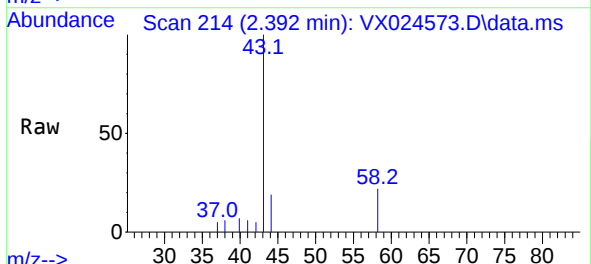
Instrument :
MSVOA_X
ClientSampled :
MW-6

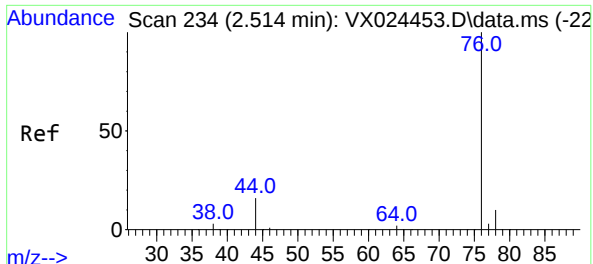
Tgt Ion: 53 Resp: 1438
Ion Ratio Lower Upper
53 100
52 14.3 65.3 97.9#
51 82.3 28.2 42.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#

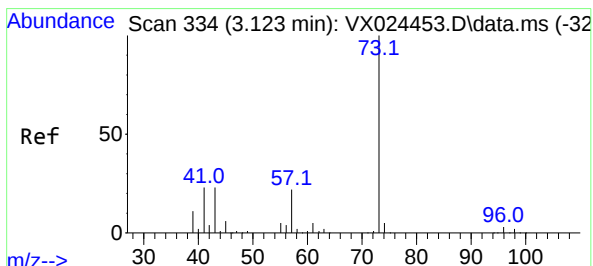
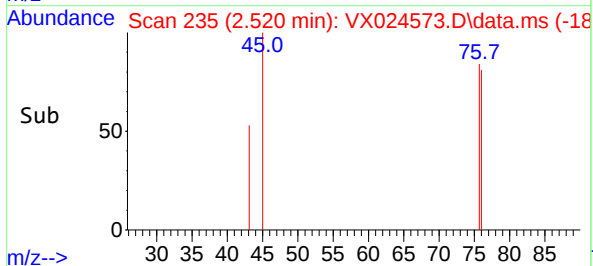
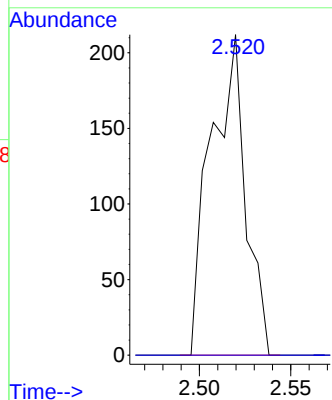
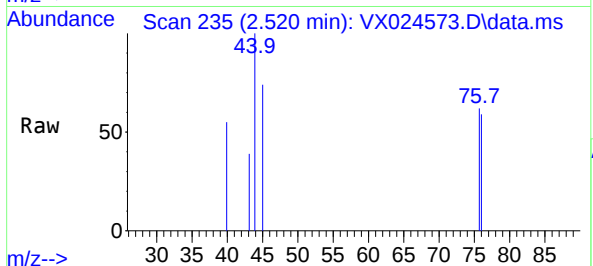




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

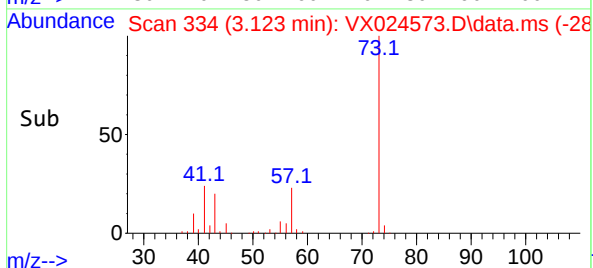
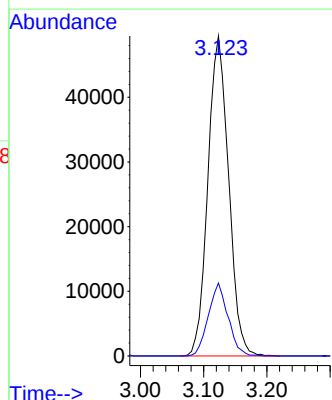
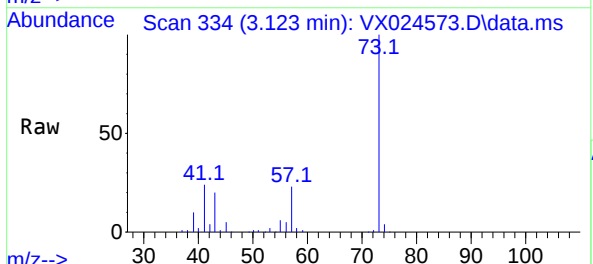
Instrument :
MSVOA_X
ClientSampled :
MW-6

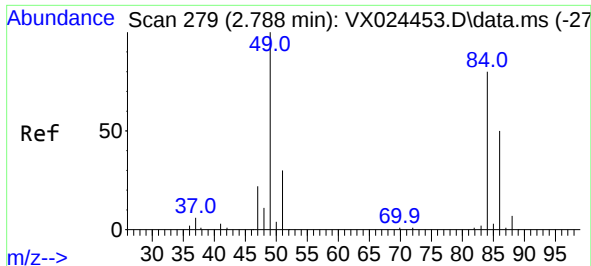
Tgt Ion: 76 Resp: 281
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 21.108 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 73 Resp: 112640
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



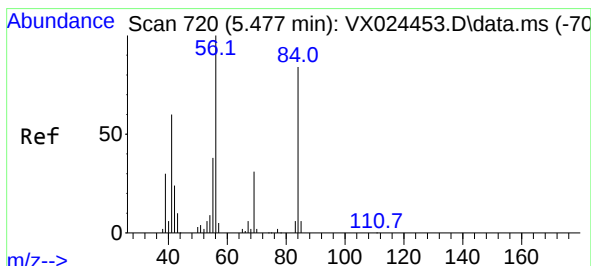
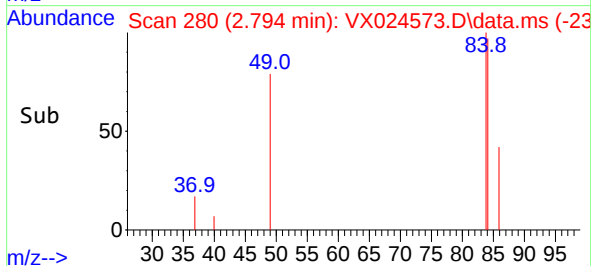
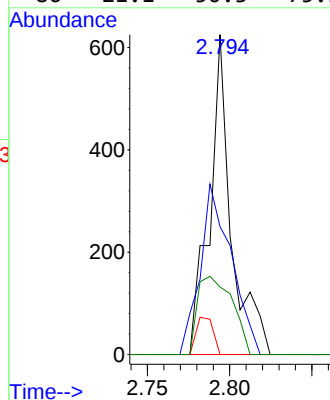
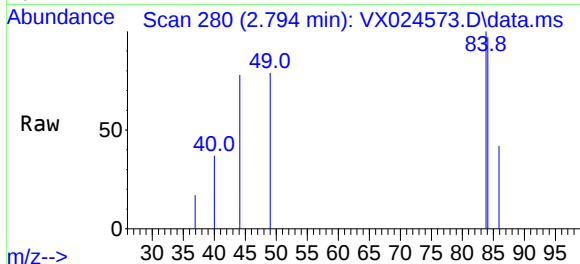


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tgt Ion: 84 Resp: 572

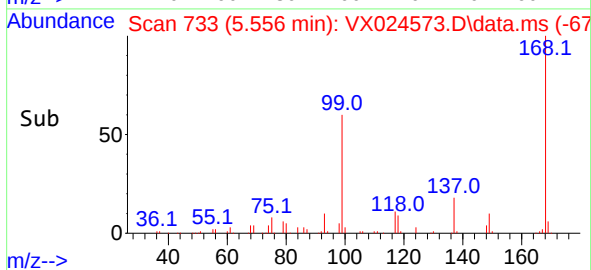
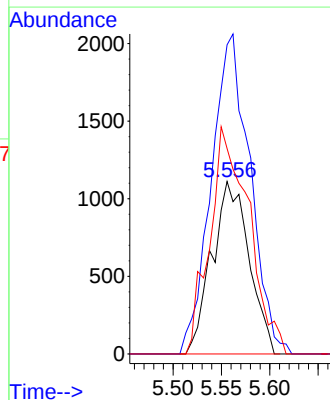
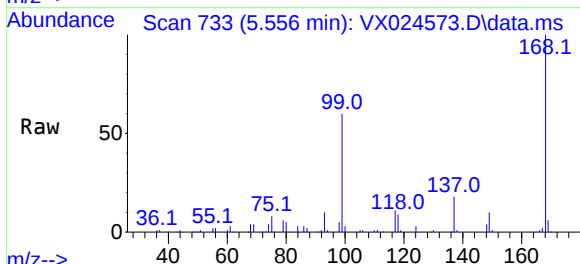
Ion	Ratio	Lower	Upper
84	100		
49	40.0	88.6	132.8#
51	0.0	27.0	40.6#
86	21.1	50.3	75.5#

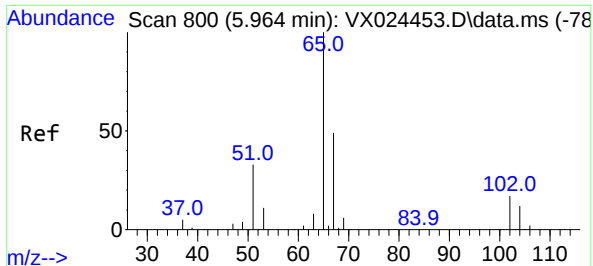


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 56 Resp: 2964

Ion	Ratio	Lower	Upper
56	100		
69	179.3	25.3	37.9#
84	119.2	71.4	107.0#



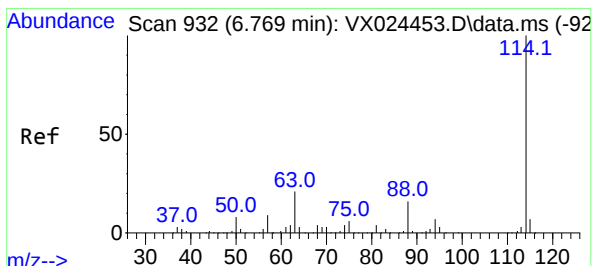
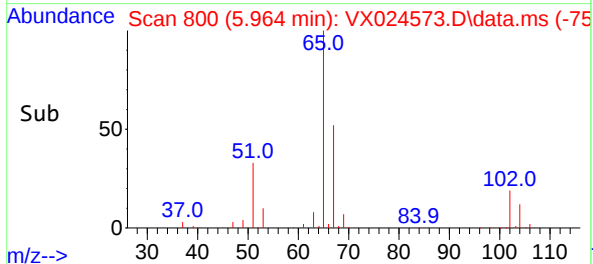
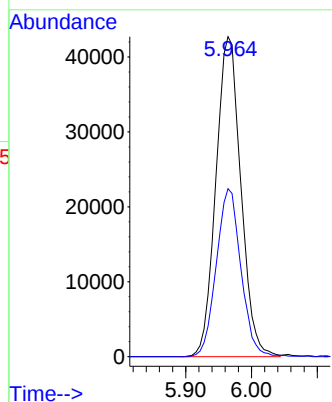
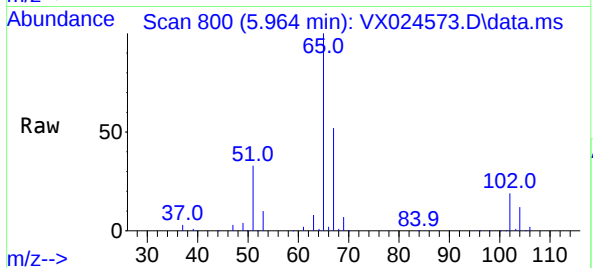


#33

1,2-Dichloroethane-d4
Concen: 51.801 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Instrument :
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ClientSampled :
MW-6

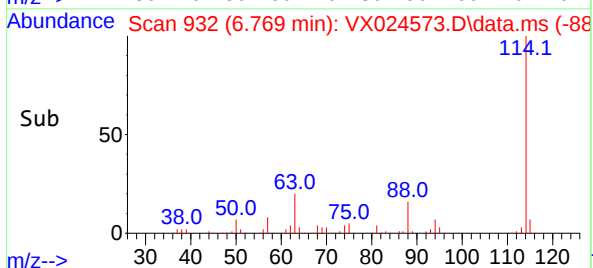
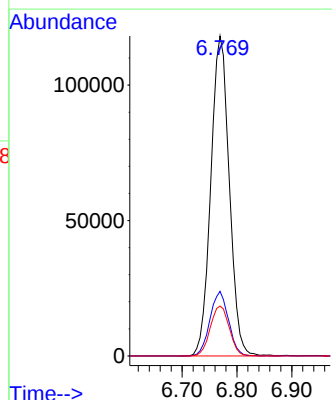
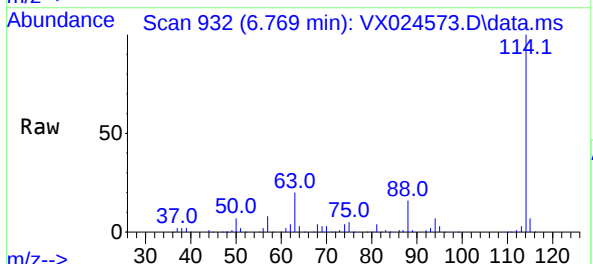
Tgt Ion: 65 Resp: 112772
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

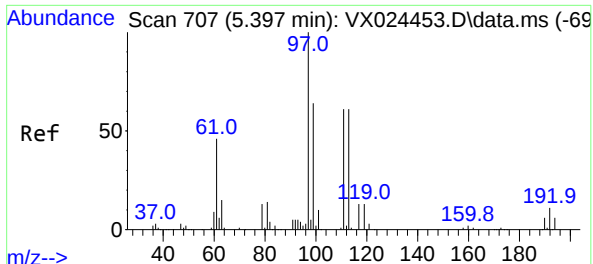


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 114 Resp: 275708
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.6 0.0 32.8

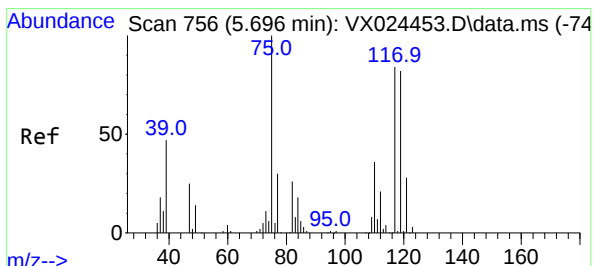
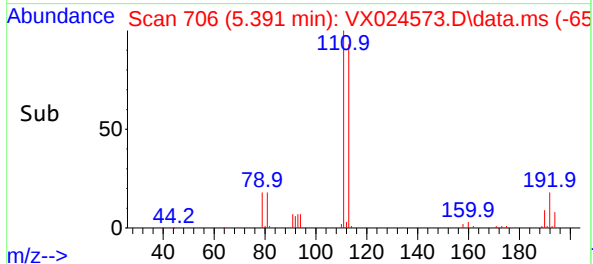
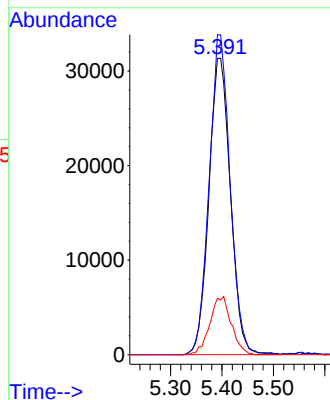
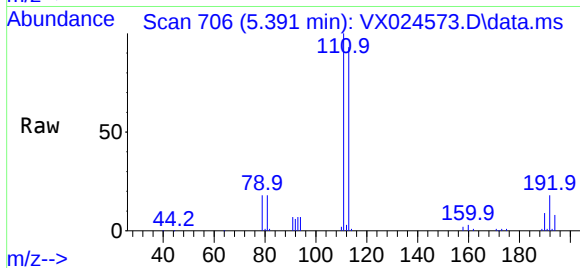




#35
Dibromofluoromethane
Concen: 49.918 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

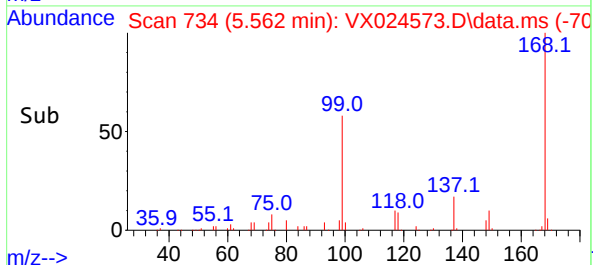
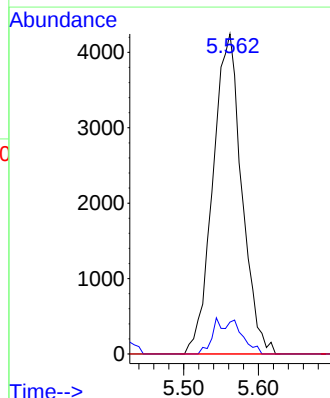
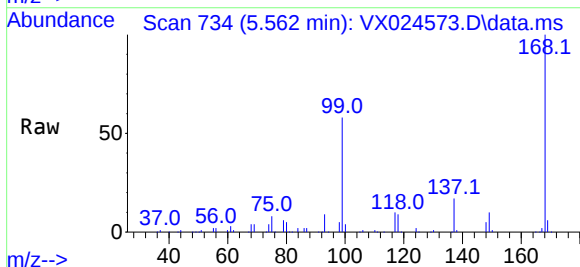
Instrument :
MSVOA_X
ClientSampleId :
MW-6

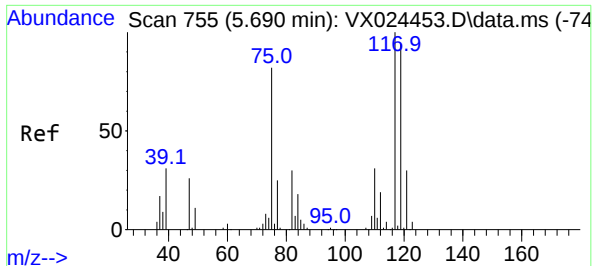
Tgt Ion:113 Resp: 91430
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.317 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

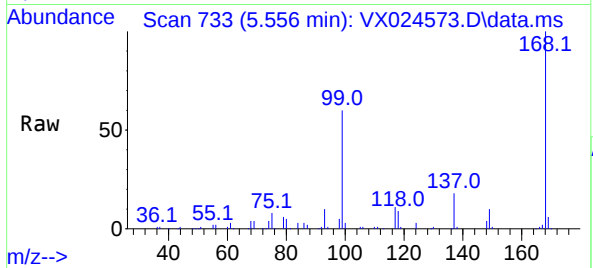
Tgt Ion: 75 Resp: 11410
Ion Ratio Lower Upper
75 100
110 4.9 18.1 54.4#
77 0.0 25.3 37.9#



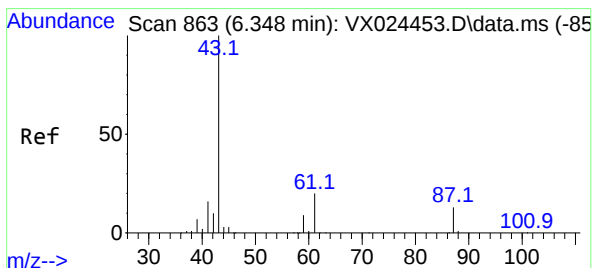
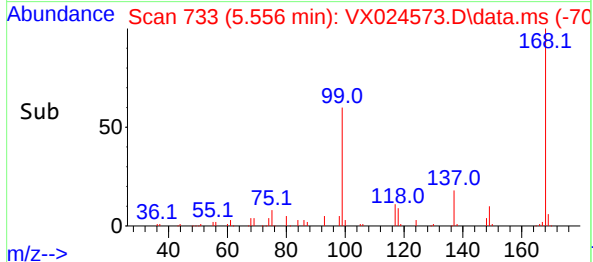
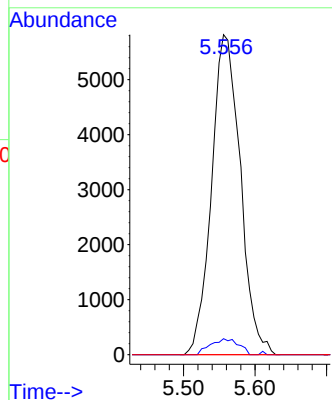


#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Instrument :
MSVOA_X
ClientSampled :
MW-6

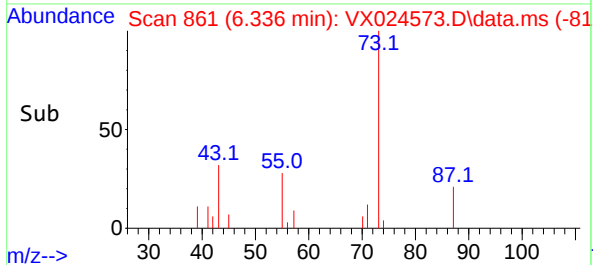
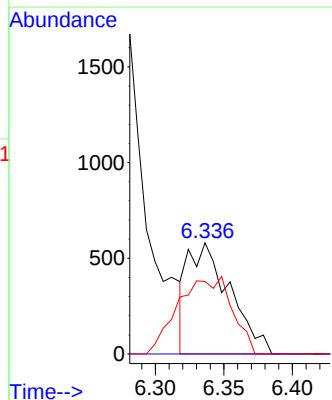
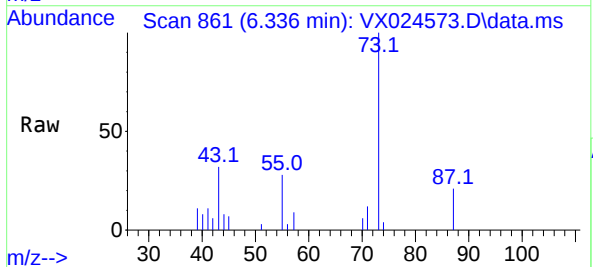


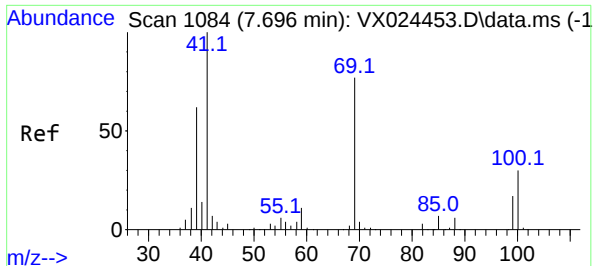
Tgt Ion:117 Resp: 16245
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.245 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 89.5 12.5 18.7#





#48

Methyl methacrylate

Concen: 0.331 ug/l

RT: 7.610 min Scan# 1070

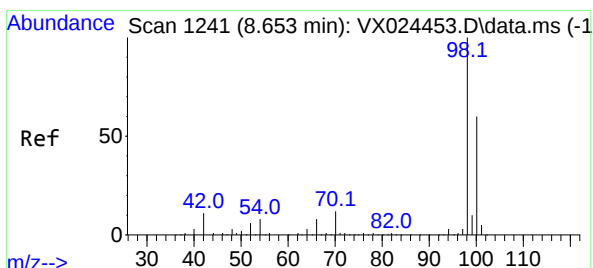
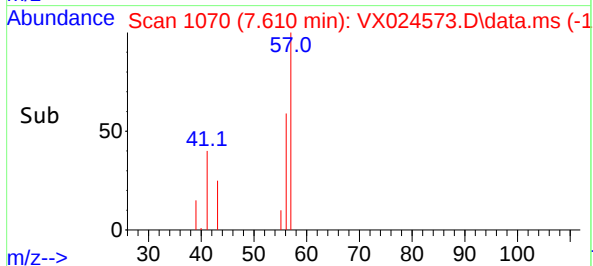
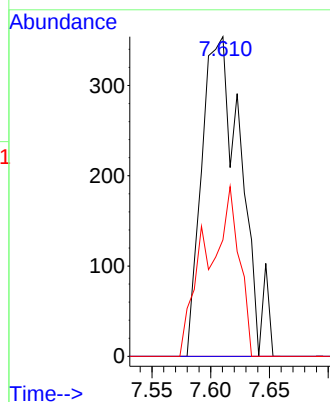
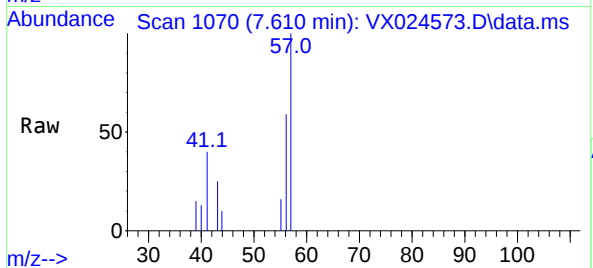
Delta R.T. -0.086 min

Lab File: VX024573.D

Acq: 05 Oct 2021 16:02

Tgt Ion:	41	Resp:	823
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	28.1	44.6	67.0#

Instrument :
MSVOA_X
ClientSampled :
MW-6



#50

Toluene-d8

Concen: 50.616 ug/l

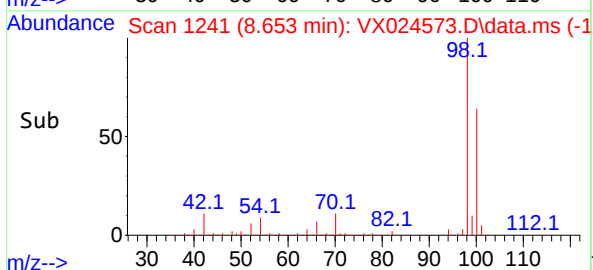
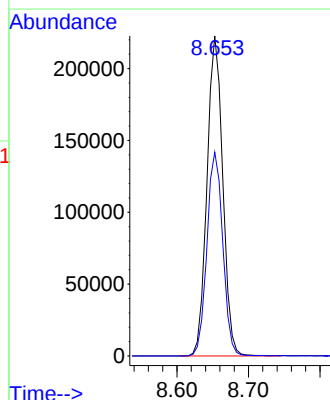
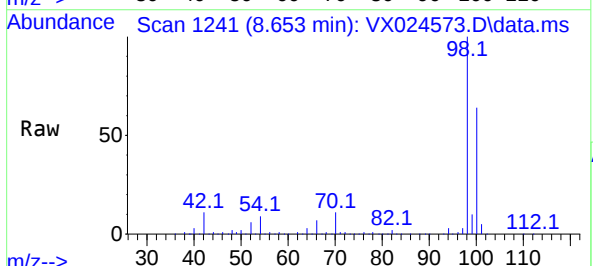
RT: 8.653 min Scan# 1241

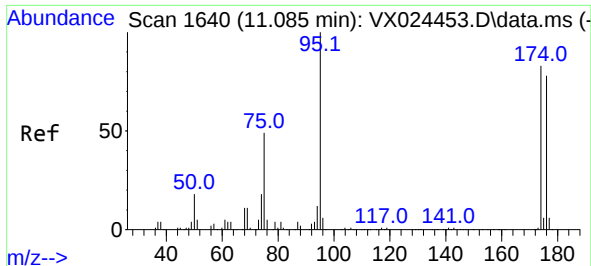
Delta R.T. -0.000 min

Lab File: VX024573.D

Acq: 05 Oct 2021 16:02

Tgt Ion:	98	Resp:	341216
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9

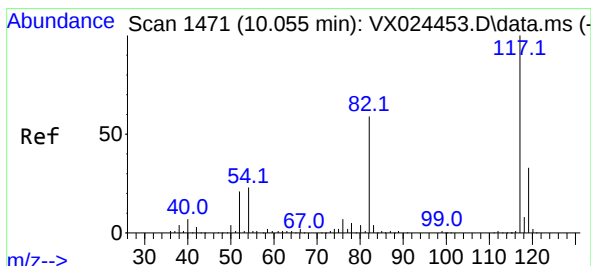
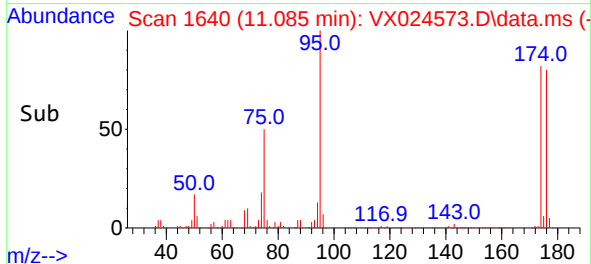
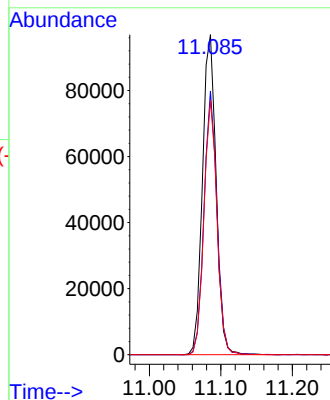
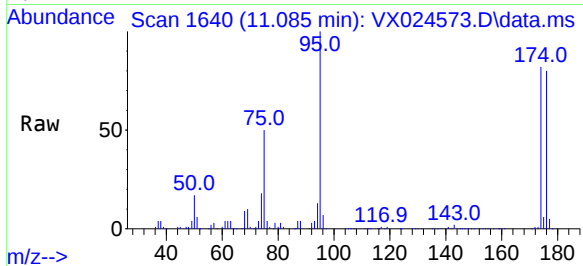




#62
4-Bromofluorobenzene
Concen: 48.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

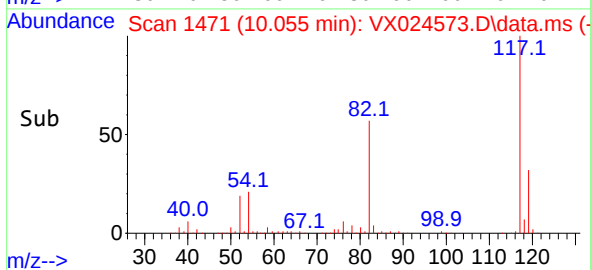
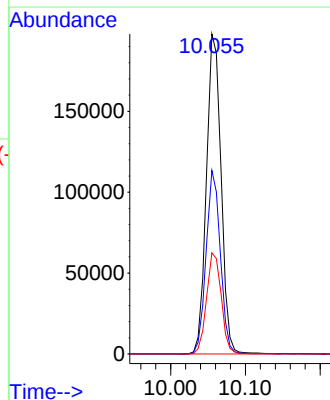
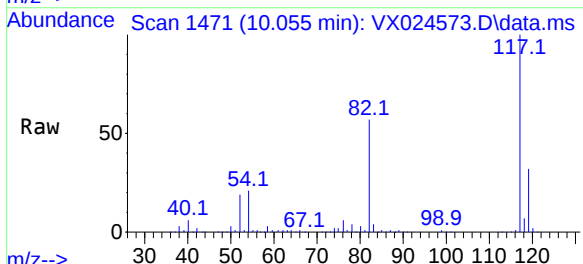
Instrument :
MSVOA_X
ClientSampleId :
MW-6

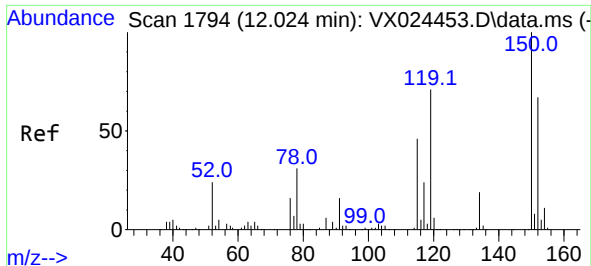
Tgt Ion: 95 Resp: 128080
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 117 Resp: 269763
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.6 26.6 39.8

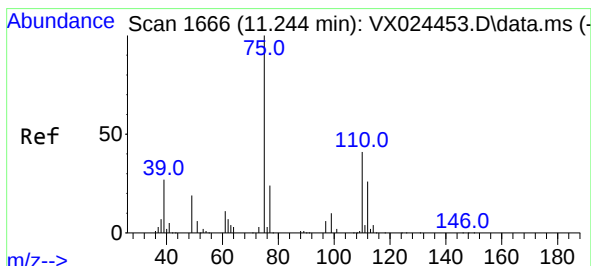
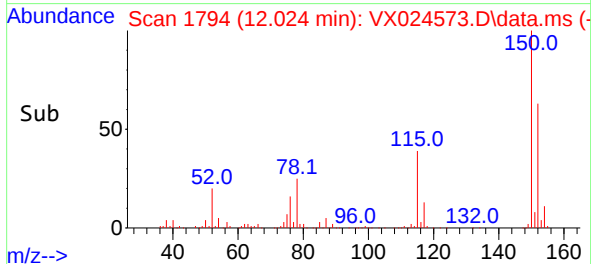
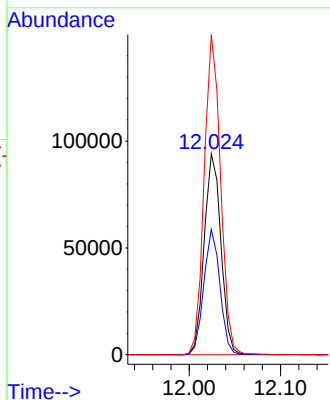
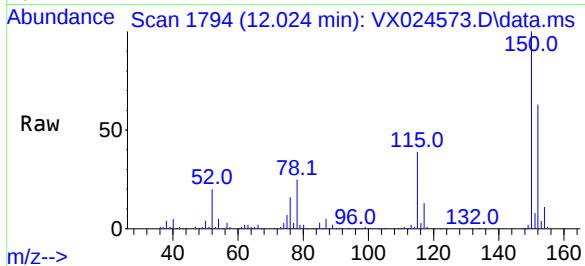




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

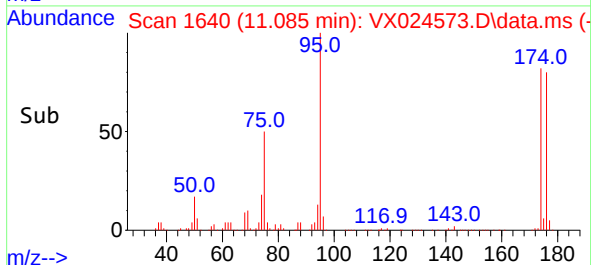
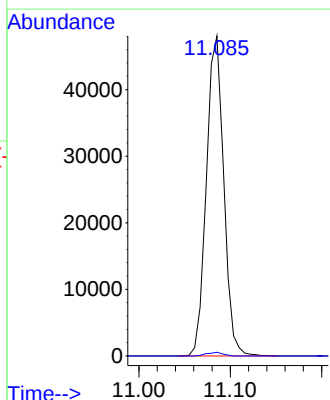
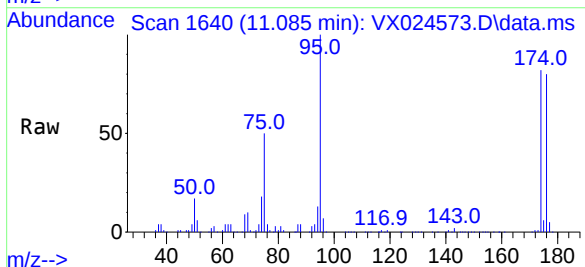
Instrument :
MSVOA_X
ClientSampled :
MW-6

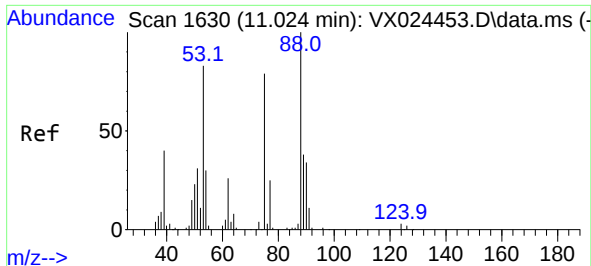
Tgt Ion:152 Resp: 119249
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.335 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024573.D
Acq: 05 Oct 2021 16:02

Tgt Ion: 75 Resp: 63194
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.763 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024573.D
 Acq: 05 Oct 2021 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion: 75 Resp: 63194
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

