

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024703.D
 Acq On : 09 Oct 2021 05:17
 Operator : JC/MD
 Sample : M4145-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 06:40:48 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)

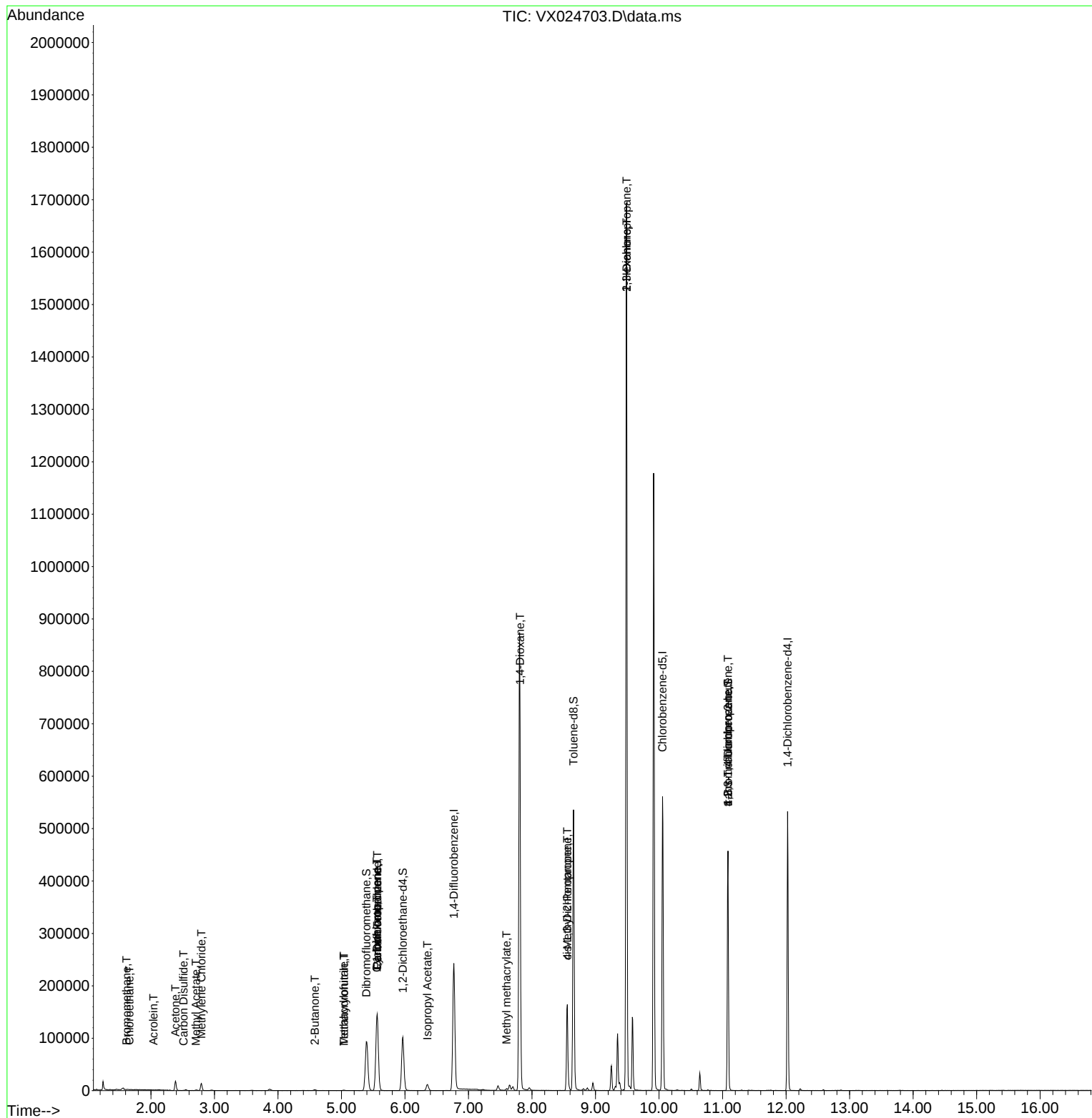
Internal Standards						
1) Pentafluorobenzene	5.562	168	134923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101581	53.419	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.840%		
35) Dibromofluoromethane	5.391	113	80026	51.120	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.240%		
50) Toluene-d8	8.653	98	299704	52.017	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.040%		
62) 4-Bromofluorobenzene	11.085	95	114553	50.567	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.140%		
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	274	0.304	ug/l	89
6) Chloroethane	1.660	64	104	0.374	ug/l #	43
11) Tert butyl alcohol	2.965	59	850	Below Cal	#	73
13) Acrolein	2.038	56	19	10.235	ug/l #	14
16) Acetone	2.386	43	18845	13.911	ug/l #	86
17) Carbon Disulfide	2.514	76	338	0.333	ug/l #	75
18) Methyl Acetate	2.709	43	1835	0.644	ug/l #	85
20) Methylene Chloride	2.794	84	5664	2.903	ug/l	94
25) 2-Butanone	4.581	43	2628	2.007	ug/l #	88
29) Tetrahydrofuran	5.038	42	554	0.664	ug/l #	46
31) Cyclohexane	5.556	56	2884	1.267	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	10780	4.772	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13410	5.453	ug/l #	17
41) Methacrylonitrile	5.038	41	404	0.277	ug/l #	36
43) Isopropyl Acetate	6.355	43	15469	3.608	ug/l	93
48) Methyl methacrylate	7.598	41	4484	2.112	ug/l #	10
49) 1,4-Dioxane	7.812	88	137	2.817	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	58813	20.777	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	24726	9.368	ug/l #	68
57) 1,3-Dichloropropane	9.488	76	13825	4.749	ug/l #	42
59) 2-Hexanone	9.488	43	198271	88.941	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	61050	25.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	61050	69.401	ug/l #	12

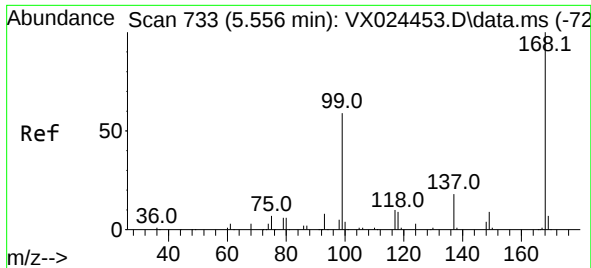
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
Data File : VX024703.D
Acq On : 09 Oct 2021 05:17
Operator : JC/MD
Sample : M4145-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 11 06:40:48 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

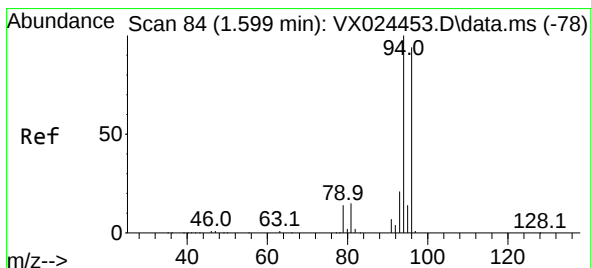
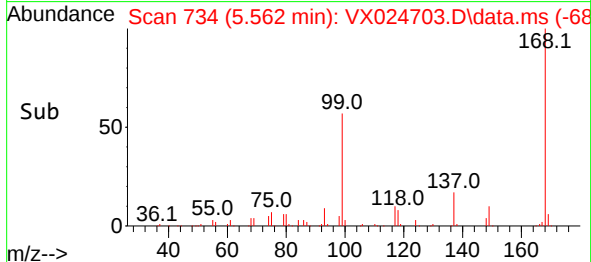
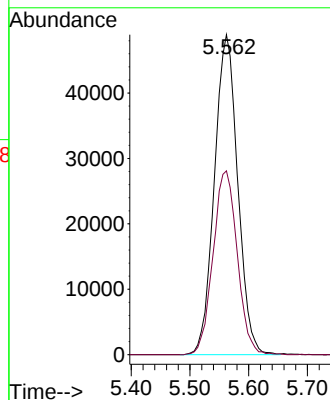
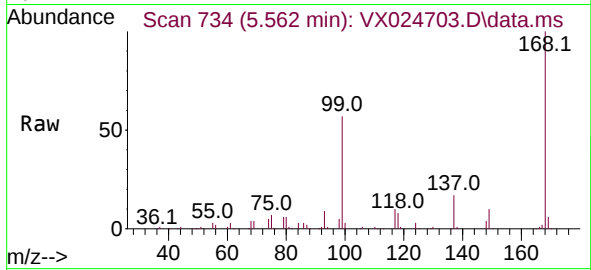




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

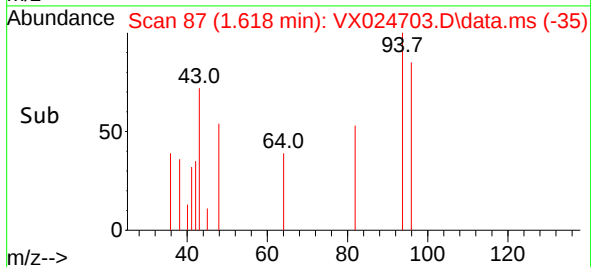
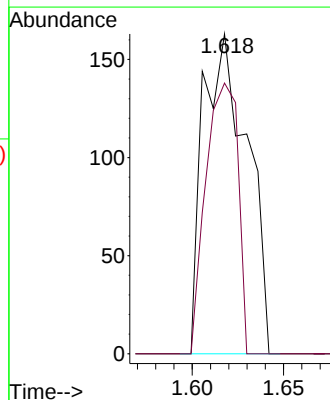
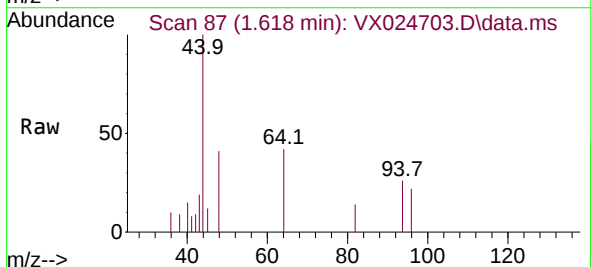
Instrument :
MSVOA_X
ClientSampled :

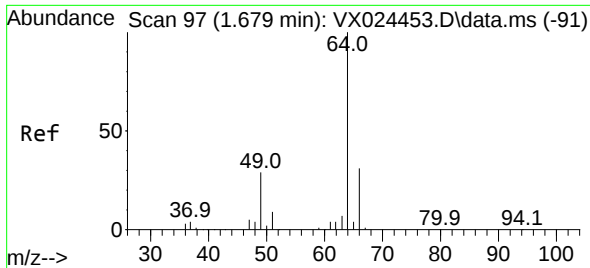
Tgt Ion:168 Resp: 134923
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#5
Bromomethane
Concen: 0.304 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 84.7 76.4 114.6

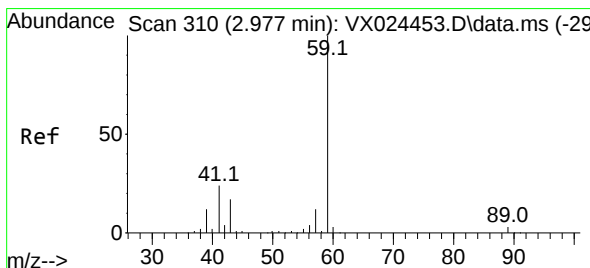
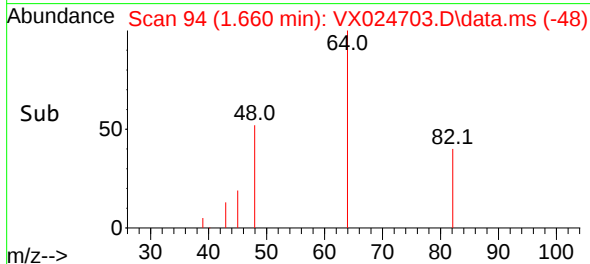
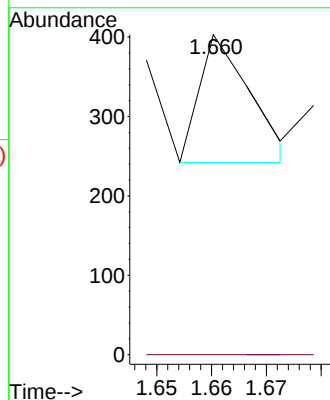
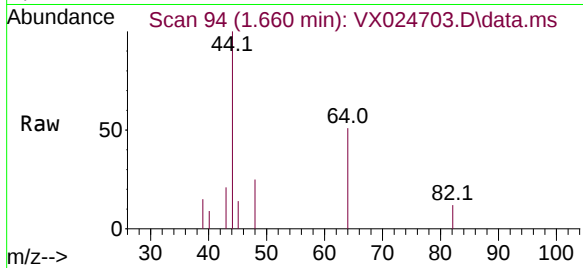




#6
Chloroethane
Concen: 0.374 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

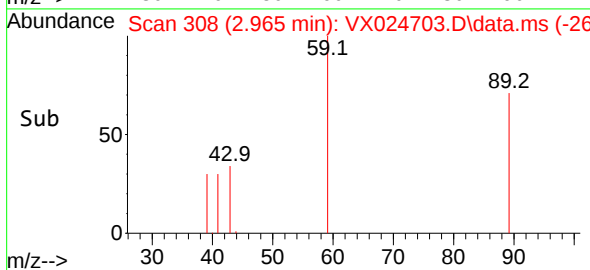
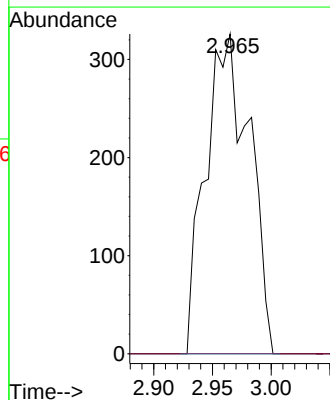
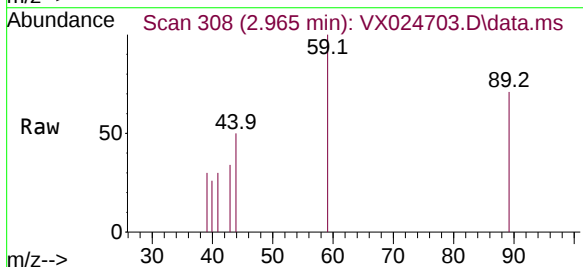
Instrument :
MSVOA_X
ClientSampled :

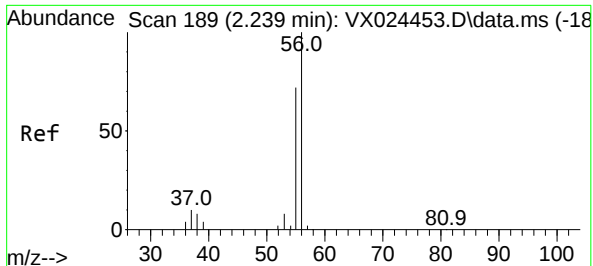
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

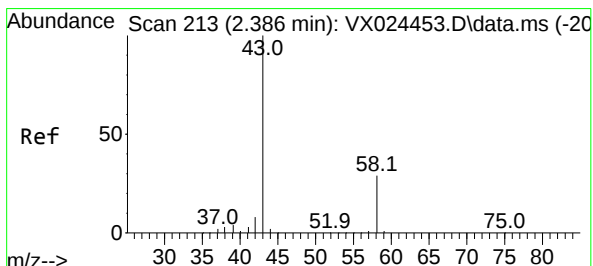
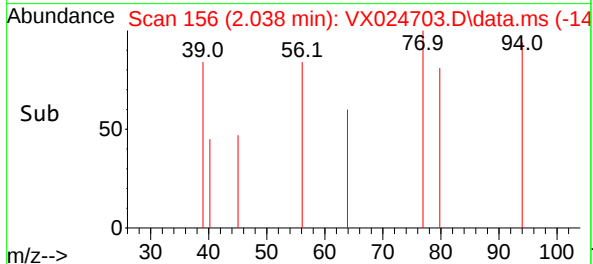
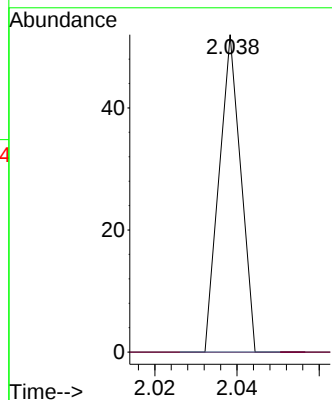
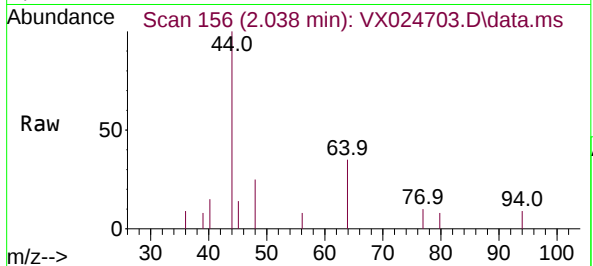




#13
Acrolein
Concen: 10.235 ug/l
RT: 2.038 min Scan# 156
Delta R.T. -0.201 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

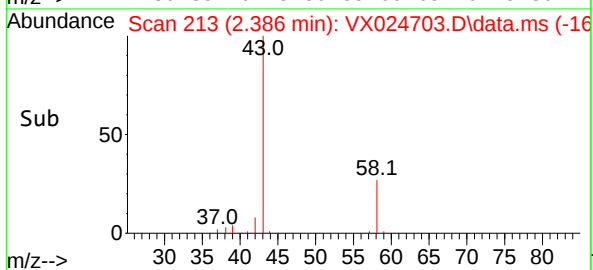
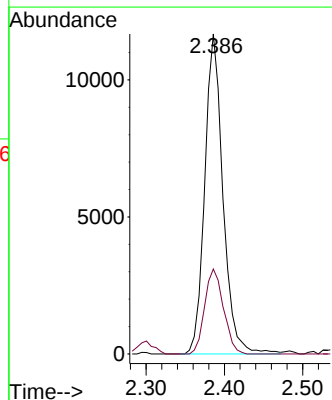
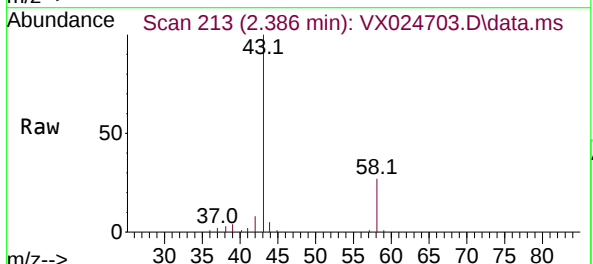
Instrument :
MSVOA_X
ClientSampled :

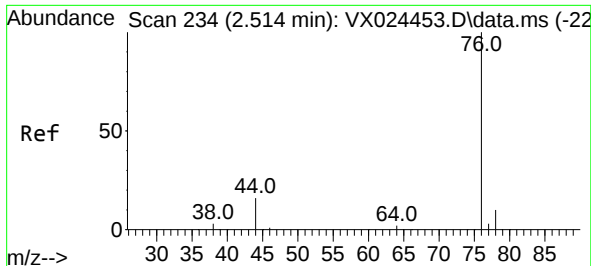
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 13.911 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

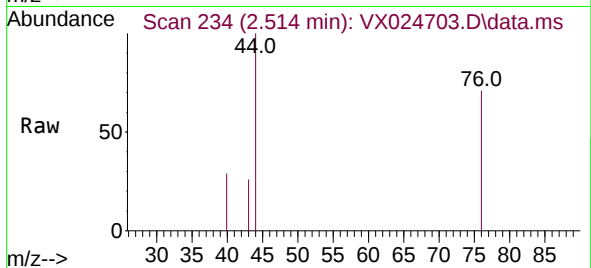
Tgt Ion: 43 Resp: 18845
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



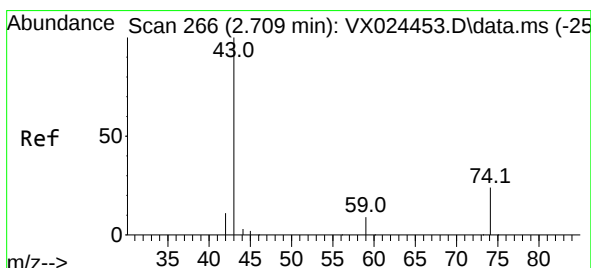
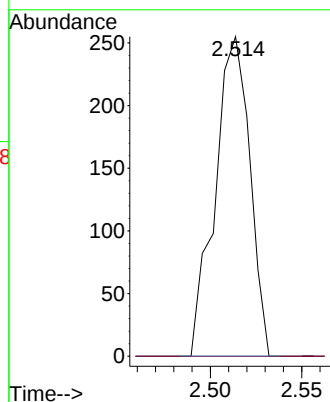
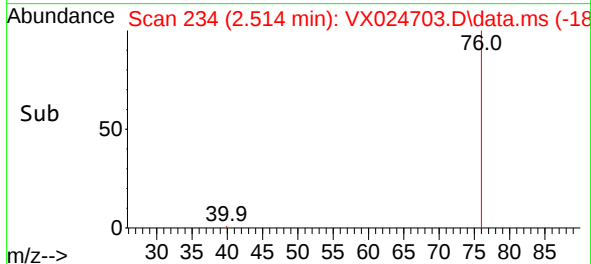


#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

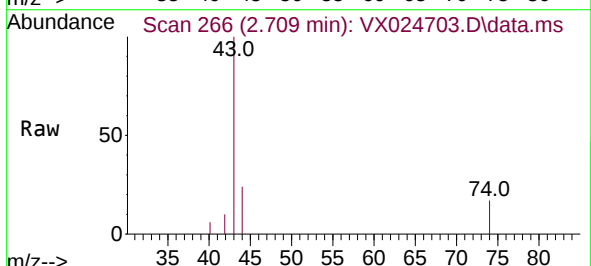
Instrument :
MSVOA_X
ClientSampled :



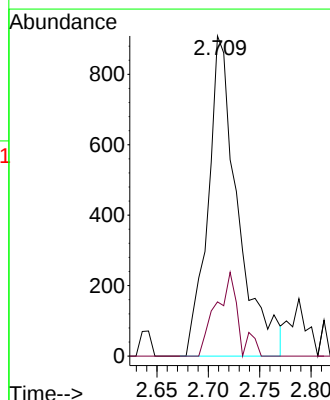
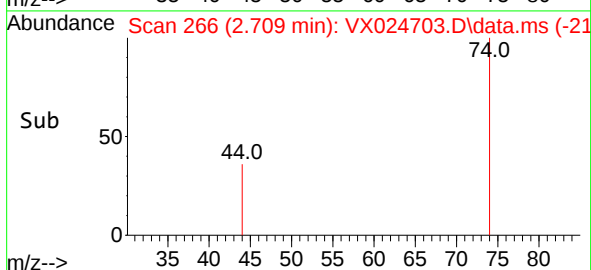
Tgt Ion: 76 Resp: 338
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

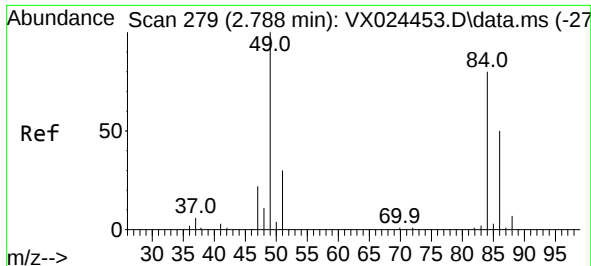


#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17



Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
74 19.8 21.9 32.9#





#20

Methylene Chloride

Concen: 2.903 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024703.D

Acq: 09 Oct 2021 05:17

Tgt Ion: 84 Resp: 5664

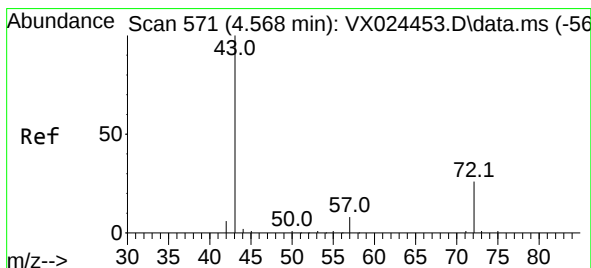
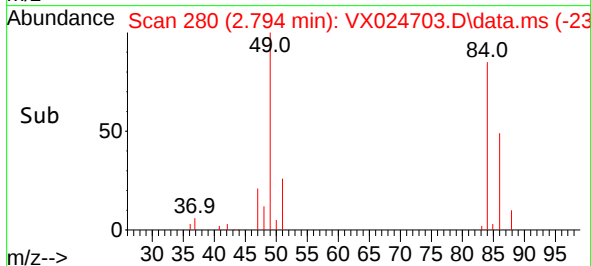
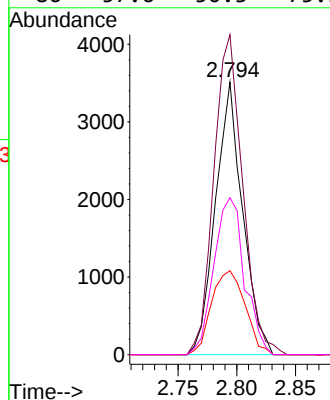
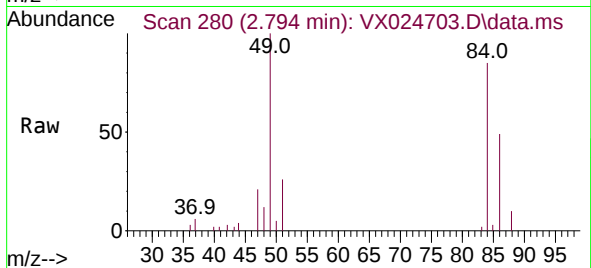
Ion Ratio Lower Upper

84 100

49 117.5 88.6 132.8

51 30.8 27.0 40.6

86 57.6 50.3 75.5



#25

2-Butanone

Concen: 2.007 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX024703.D

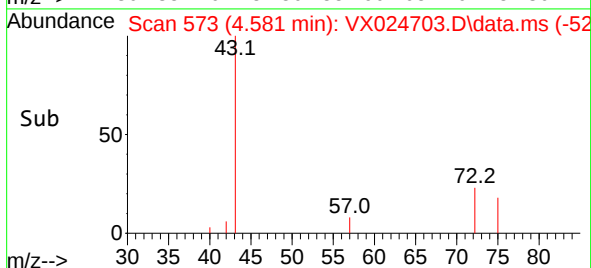
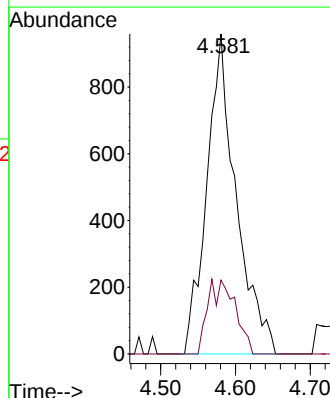
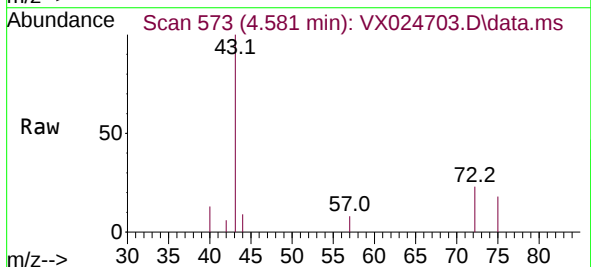
Acq: 09 Oct 2021 05:17

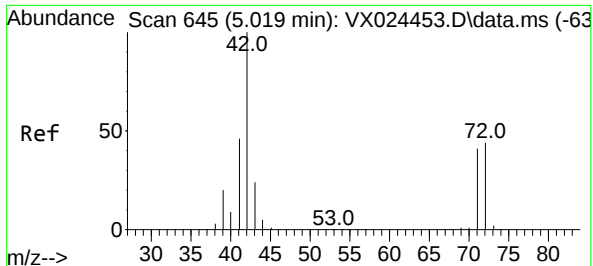
Tgt Ion: 43 Resp: 2628

Ion Ratio Lower Upper

43 100

72 23.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.664 ug/l

RT: 5.038 min Scan# 648

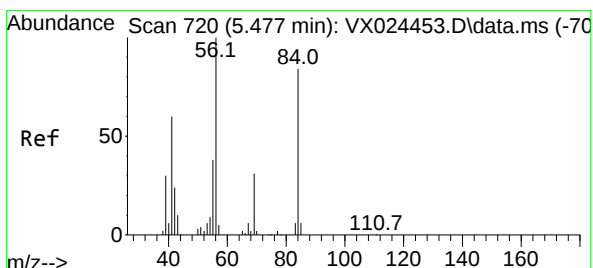
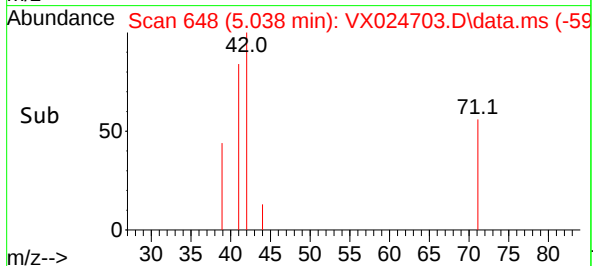
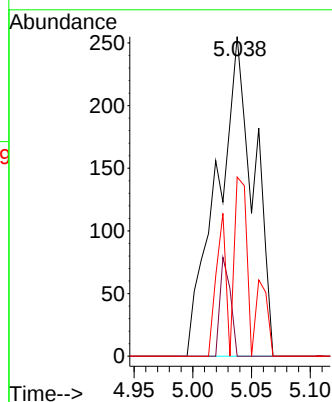
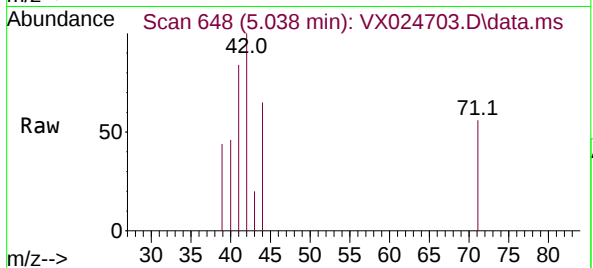
Delta R.T. 0.019 min

Lab File: VX024703.D

Acq: 09 Oct 2021 05:17

Tgt Ion:	42	Resp:	554
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	25.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.267 ug/l

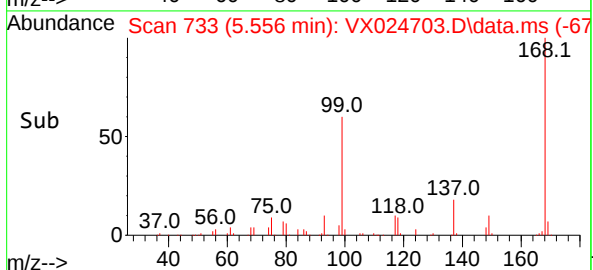
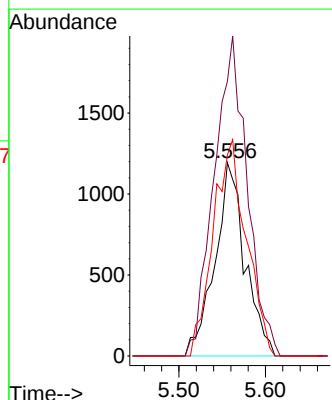
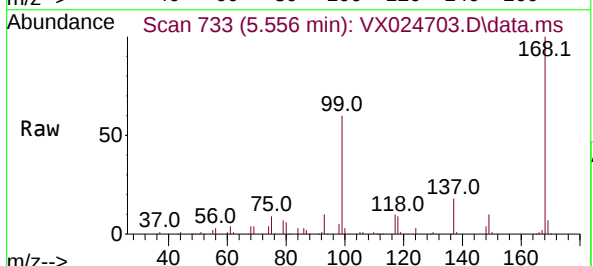
RT: 5.556 min Scan# 733

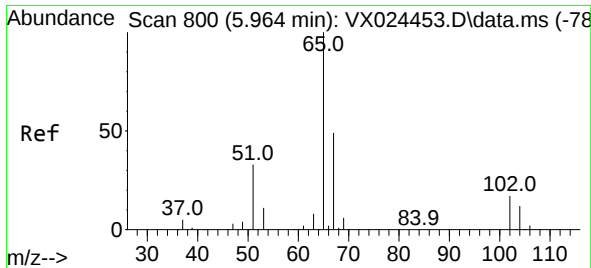
Delta R.T. 0.079 min

Lab File: VX024703.D

Acq: 09 Oct 2021 05:17

Tgt Ion:	56	Resp:	2884
Ion	Ratio	Lower	Upper
56	100		
69	142.0	25.3	37.9#
84	104.0	71.4	107.0

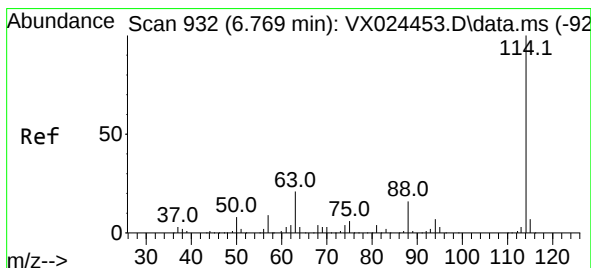
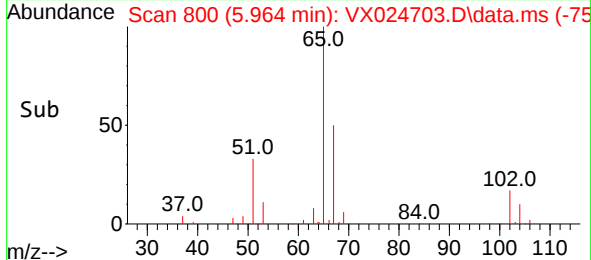
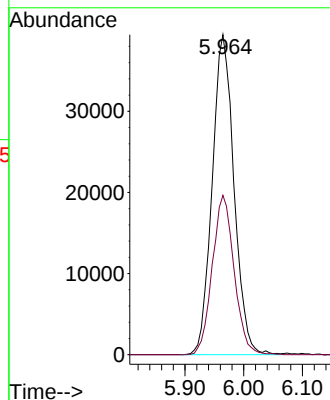
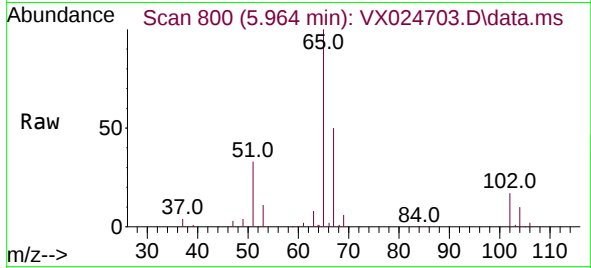




#33
 1,2-Dichloroethane-d4
 Concen: 53.419 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024703.D
 Acq: 09 Oct 2021 05:17

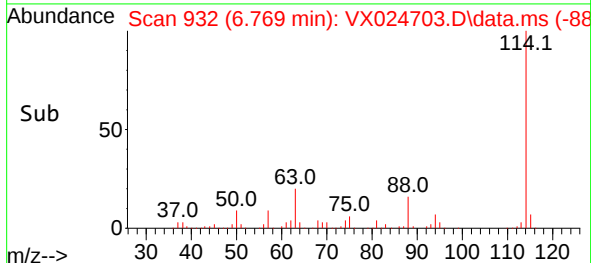
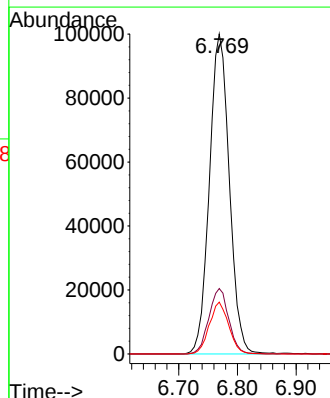
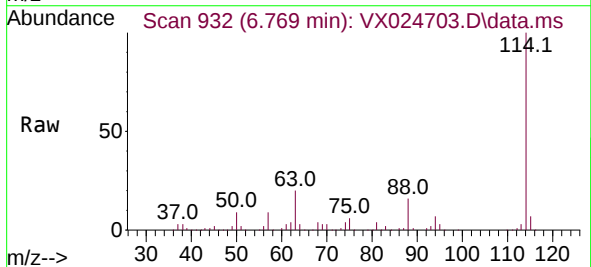
Instrument :
 MSVOA_X
 ClientSampled :

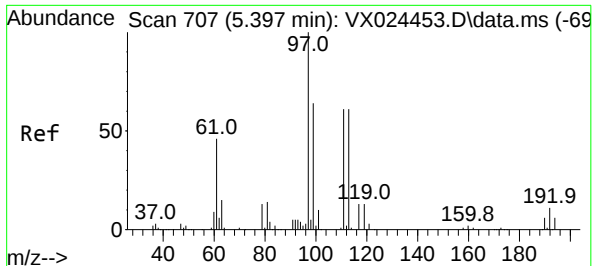
Tgt Ion: 65 Resp: 101581
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024703.D
 Acq: 09 Oct 2021 05:17

Tgt Ion: 114 Resp: 235644
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.120 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024703.D

Acq: 09 Oct 2021 05:17

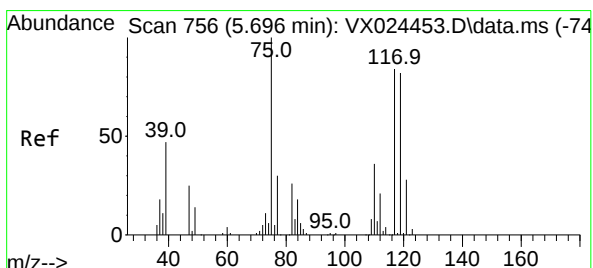
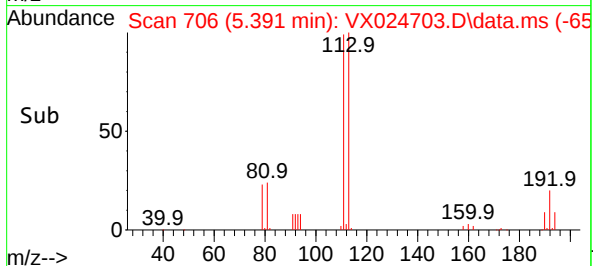
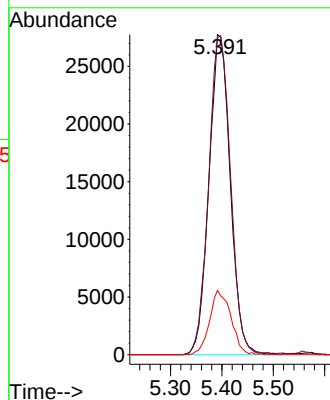
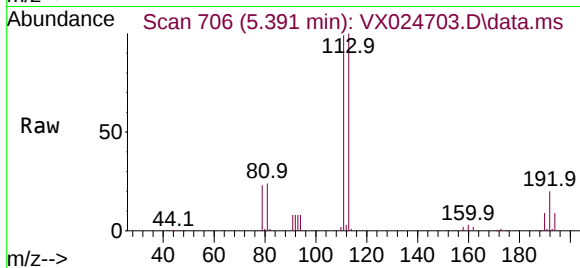
Tgt Ion:113 Resp: 80026

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.772 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024703.D

Acq: 09 Oct 2021 05:17

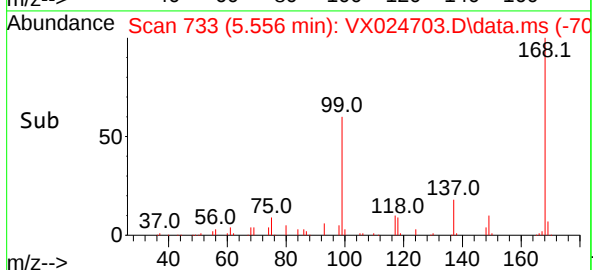
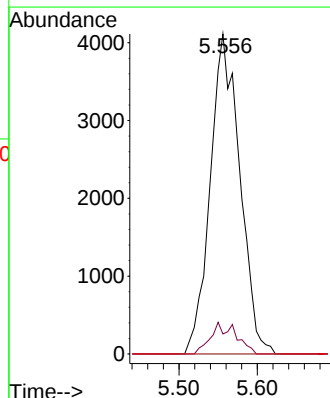
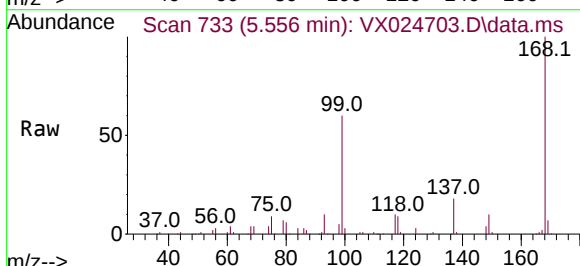
Tgt Ion: 75 Resp: 10780

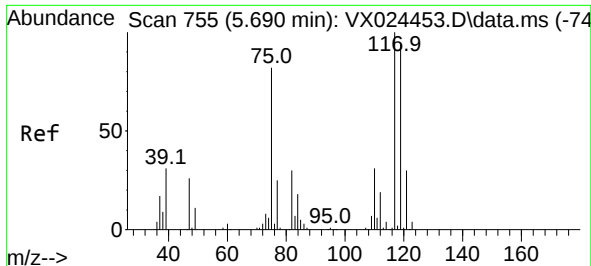
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

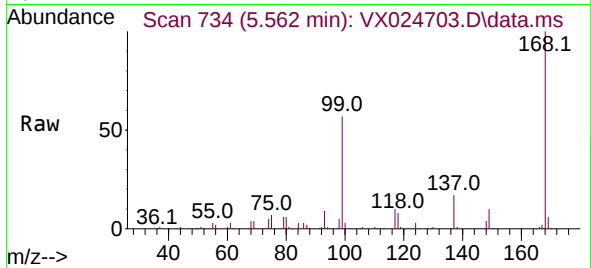
77 0.0 25.3 37.9#



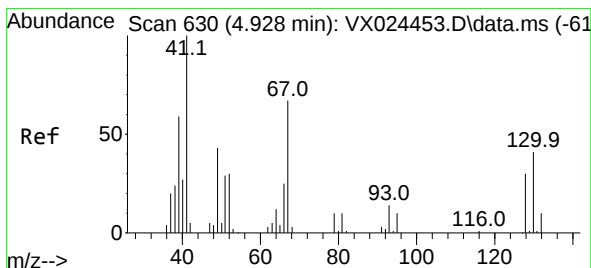
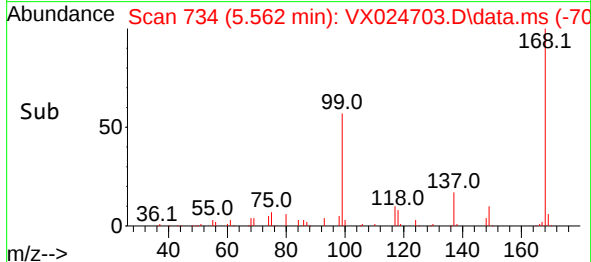
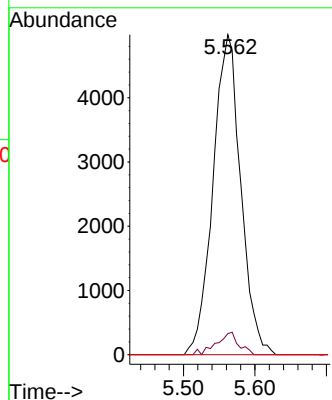


#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Instrument :
MSVOA_X
ClientSampled :

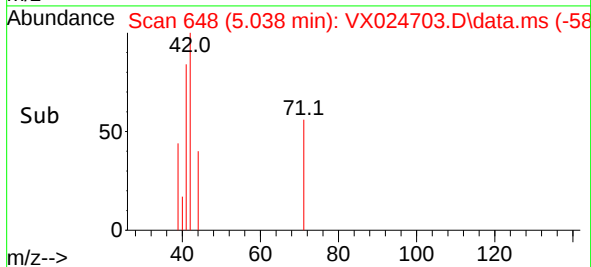
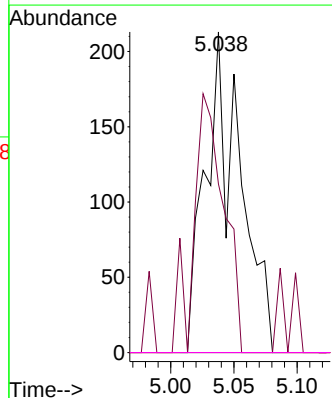
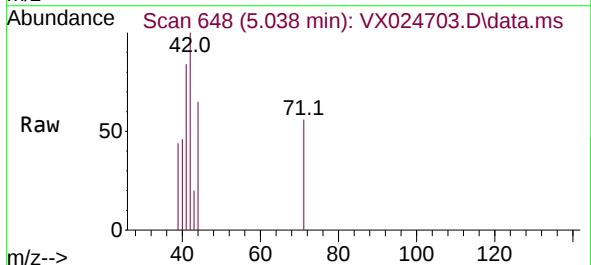


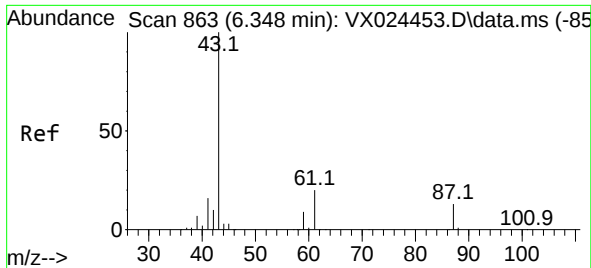
Tgt Ion:117 Resp: 13410
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.277 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 41 Resp: 404
Ion Ratio Lower Upper
41 100
39 71.3 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

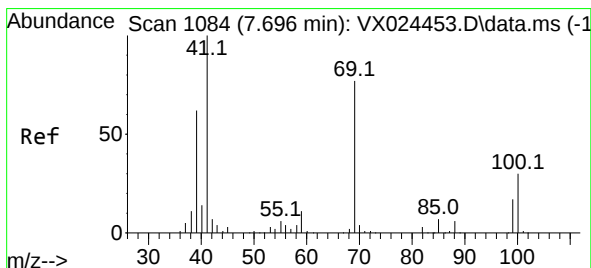
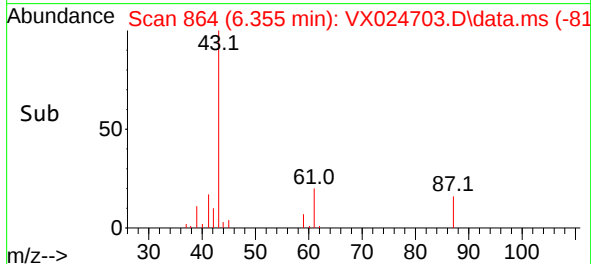
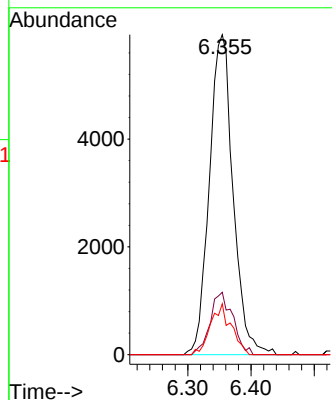
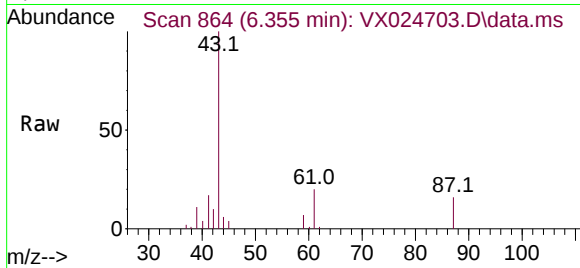




#43
Isopropyl Acetate
Concen: 3.608 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

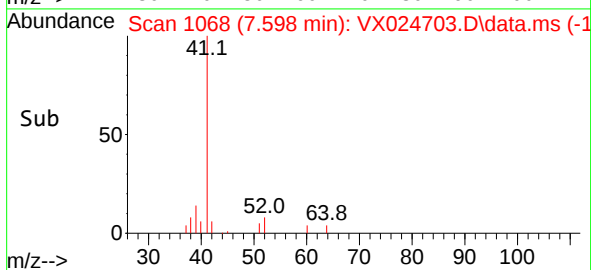
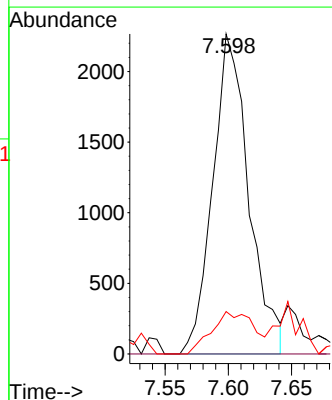
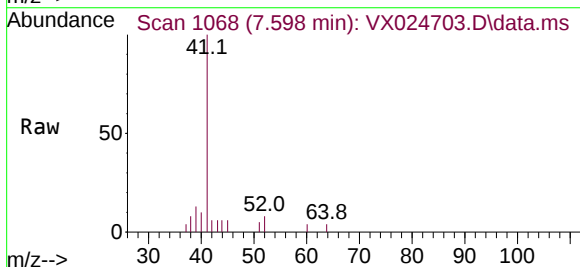
Instrument :
MSVOA_X
ClientSampled :

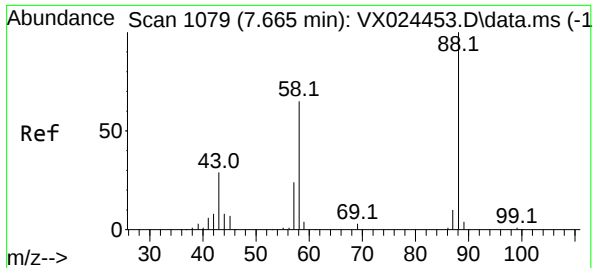
Tgt Ion: 43	Resp: 15469
Ion Ratio	Lower Upper
43	100
61	18.6 18.2 27.4
87	13.9 12.5 18.7



#48
Methyl methacrylate
Concen: 2.112 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 41	Resp: 4484
Ion Ratio	Lower Upper
41	100
69	0.0 76.0 114.0#
39	0.0 44.6 67.0#

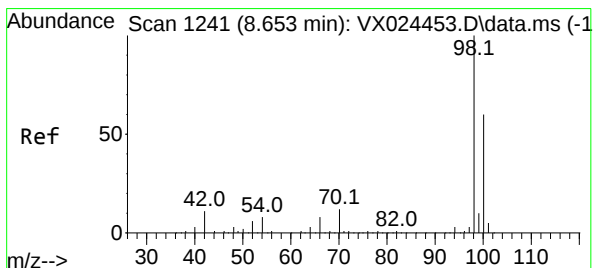
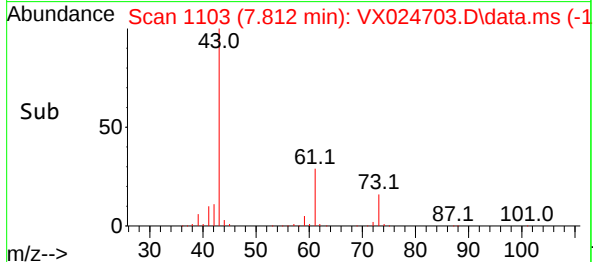
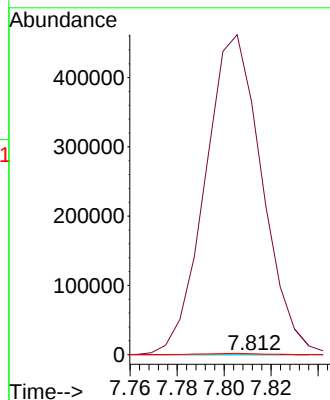
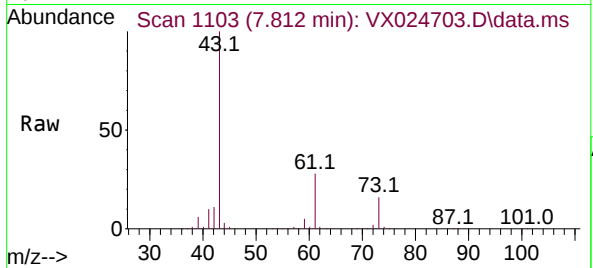




#49
1,4-Dioxane
Concen: 2.817 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

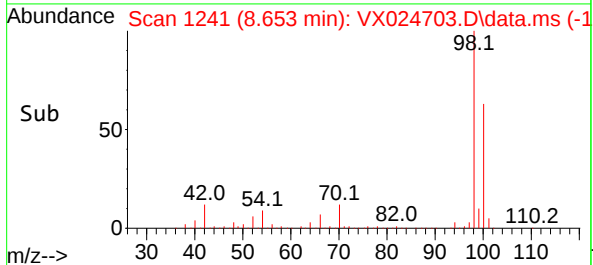
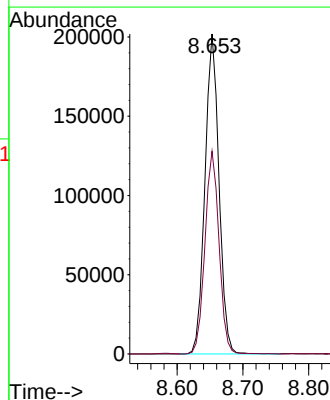
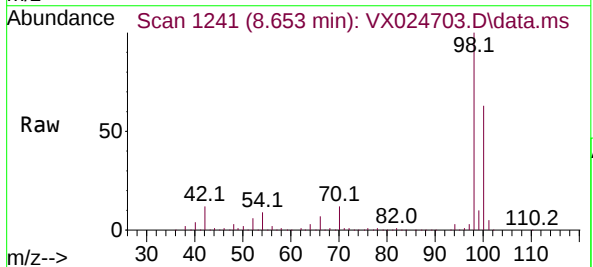
Instrument :
MSVOA_X
ClientSampled :

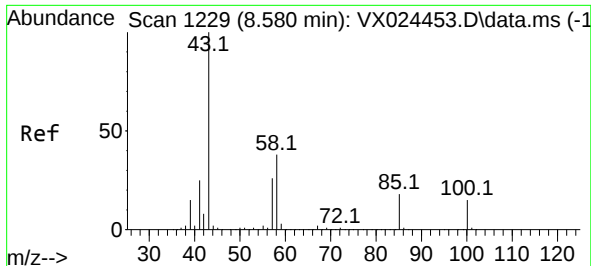
Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 572551.1 23.2 34.8#
58 2505.8 55.0 82.4#



#50
Toluene-d8
Concen: 52.017 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 98 Resp: 299704
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

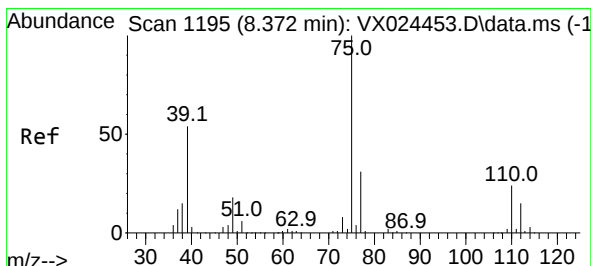
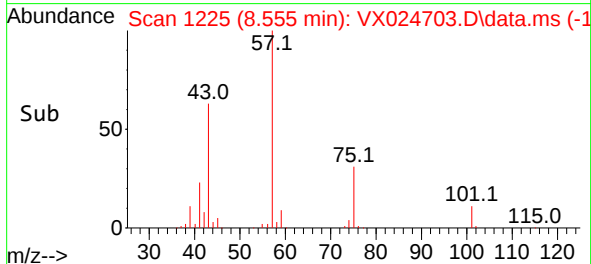
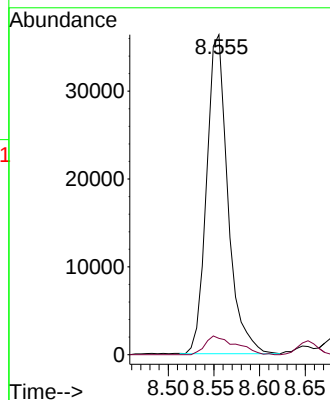
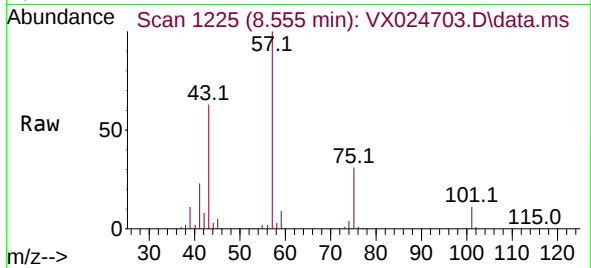




#51
4-Methyl-2-Pentanone
Concen: 20.777 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

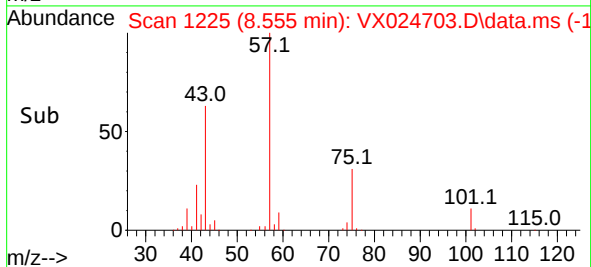
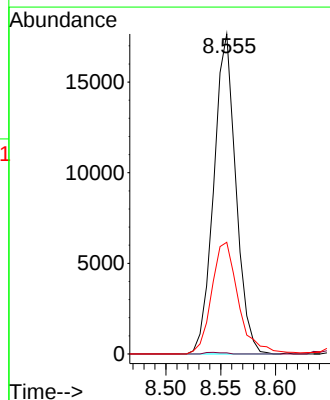
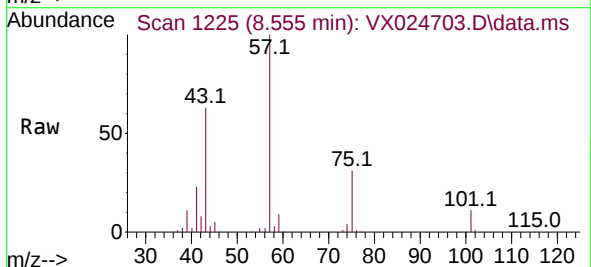
Instrument :
MSVOA_X
ClientSampled :

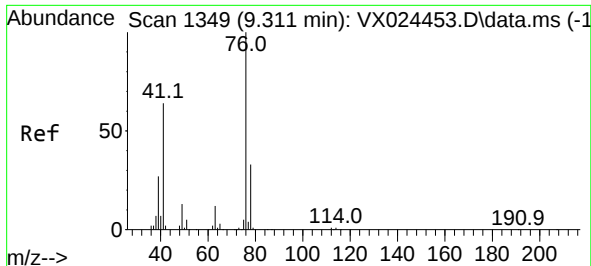
Tgt Ion: 43 Resp: 58813
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.368 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 75 Resp: 24726
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 34.9 35.1 52.7#



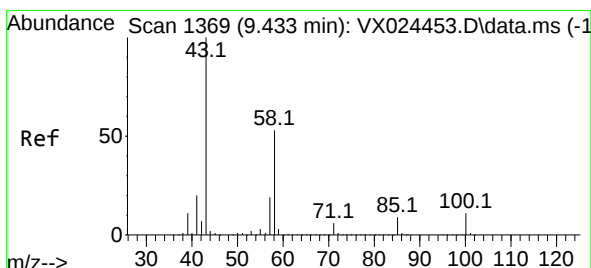
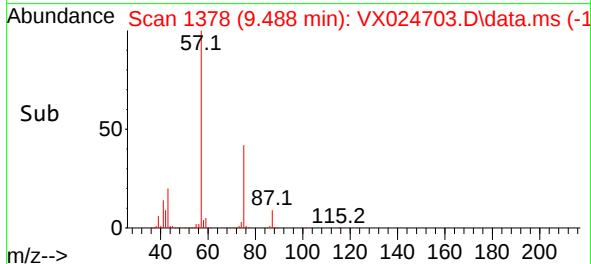
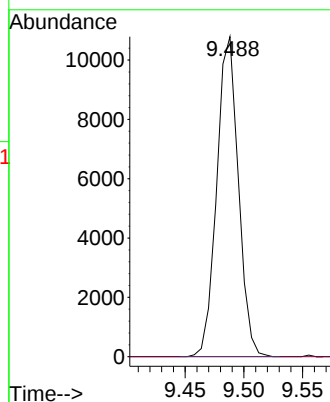
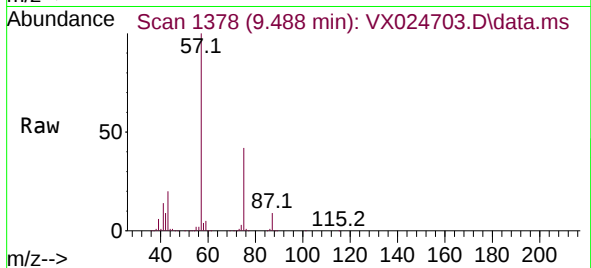


#57

1,3-Dichloropropane
Concen: 4.749 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Instrument :
MSVOA_X
ClientSampled :

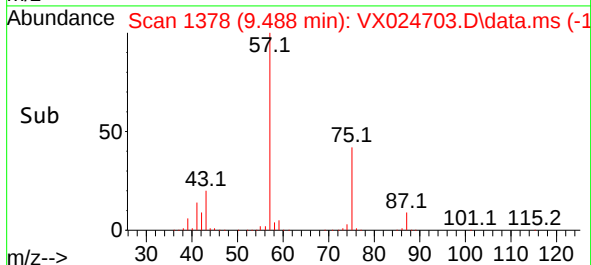
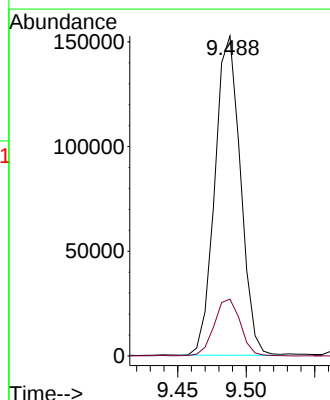
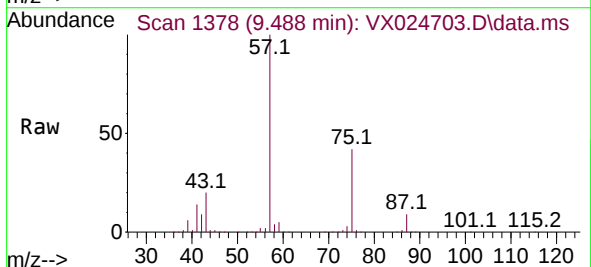
Tgt Ion: 76 Resp: 13825
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

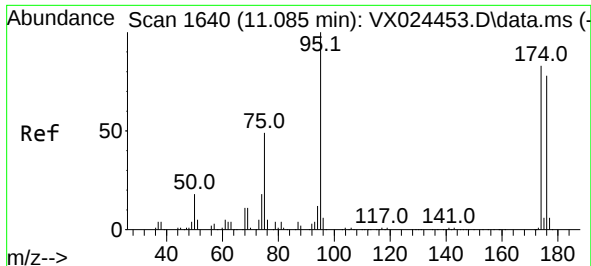


#59

2-Hexanone
Concen: 88.941 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 43 Resp: 198271
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#

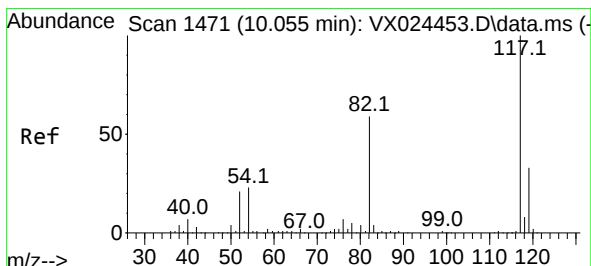
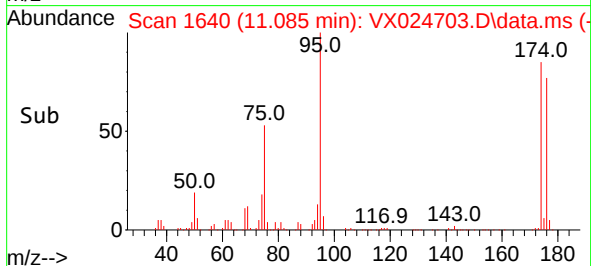
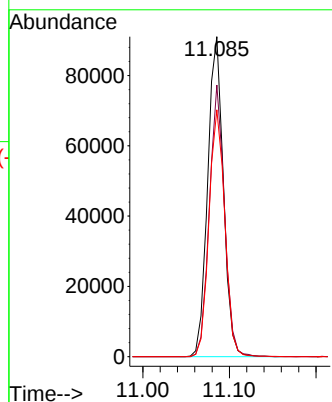
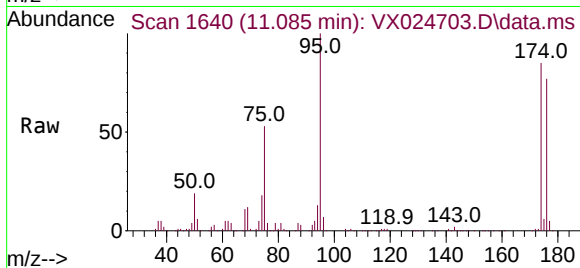




#62
4-Bromofluorobenzene
Concen: 50.567 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

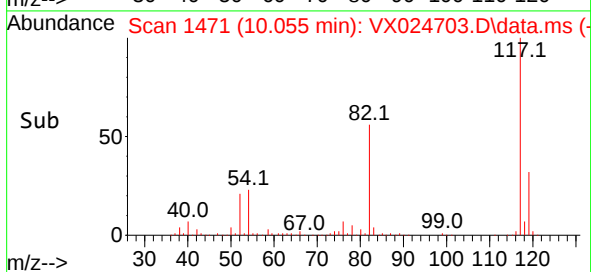
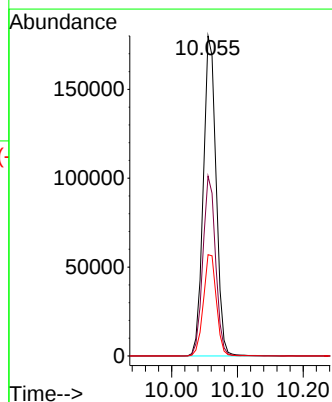
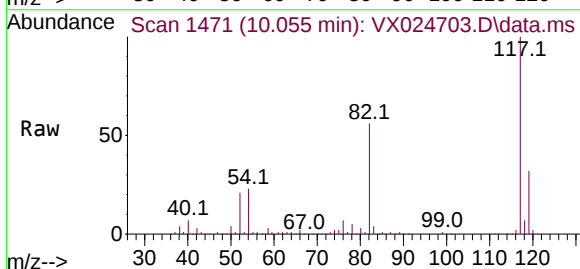
Instrument :
MSVOA_X
ClientSampled :

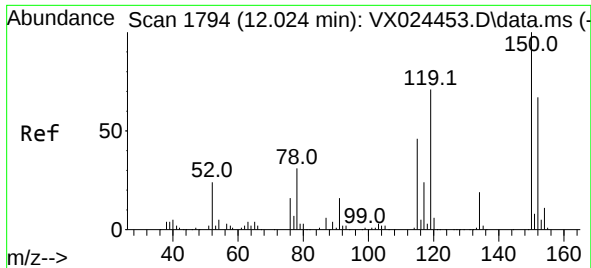
Tgt Ion: 95 Resp: 114553
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

Tgt Ion: 117 Resp: 243284
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.6 26.6 39.8

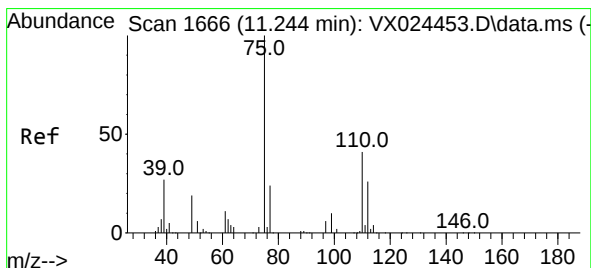
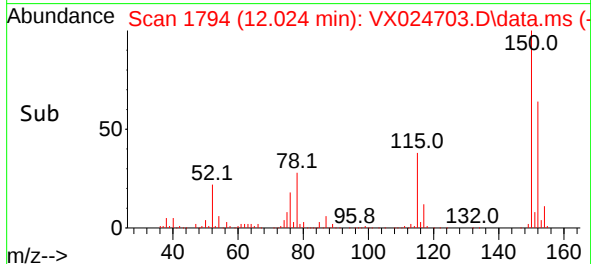
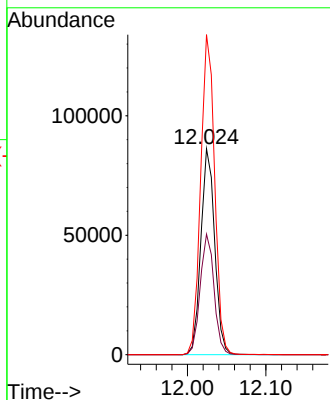
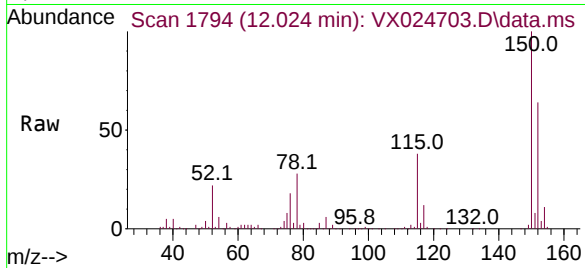




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

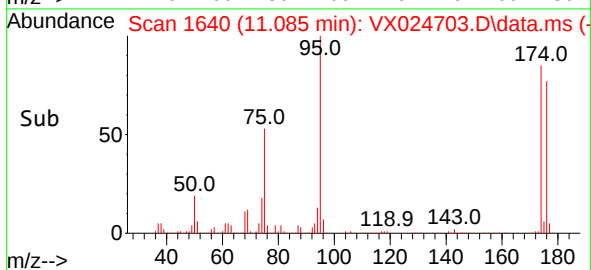
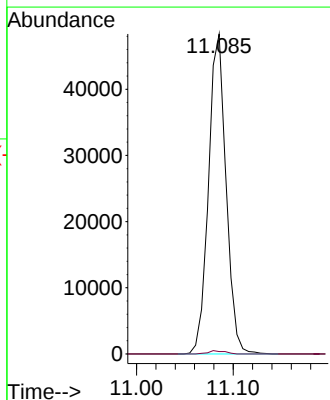
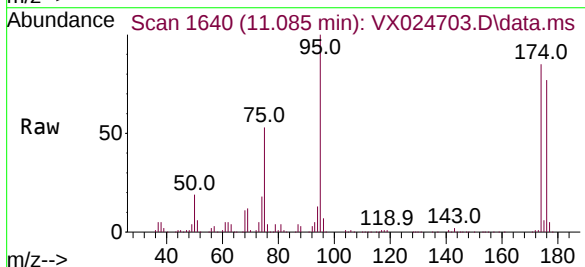
Instrument :
MSVOA_X
ClientSampled :

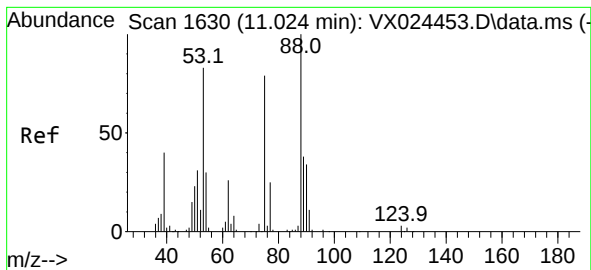
Tgt Ion:152 Resp: 105576
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.463 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024703.D
Acq: 09 Oct 2021 05:17

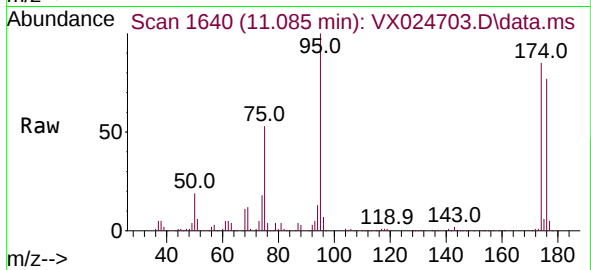
Tgt Ion: 75 Resp: 61050
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.401 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024703.D
 Acq: 09 Oct 2021 05:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61050
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

