

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023304.D
 Acq On : 15 Jul 2021 17:12
 Operator : JC/MD
 Sample : M3026-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 16 03:53:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

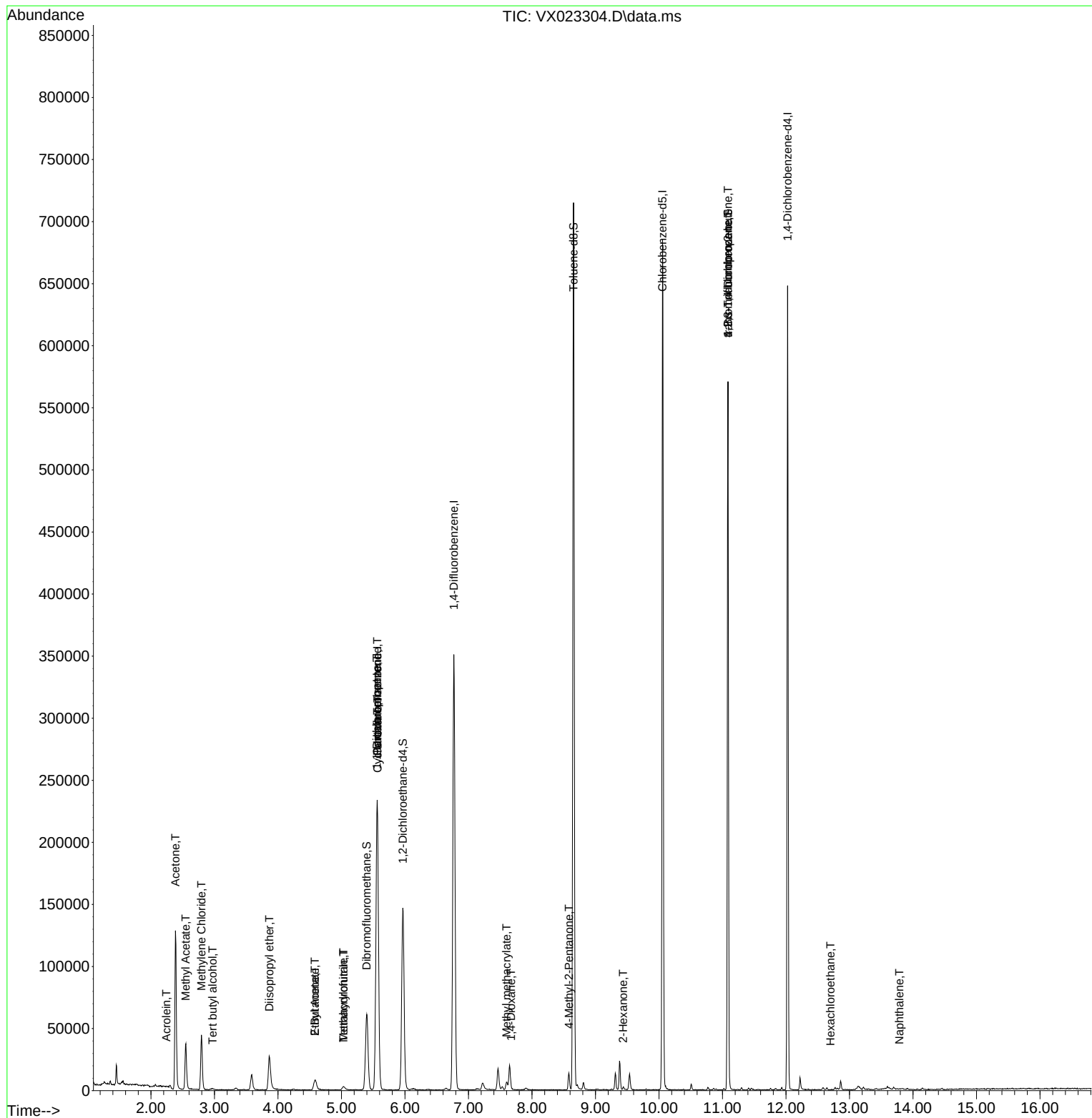
Internal Standards						
1) Pentafluorobenzene	5.562	168	216370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	354491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152611	52.480	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.960%		
35) Dibromofluoromethane	5.397	113	52736	23.037	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 46.080%#		
50) Toluene-d8	8.653	98	415691	48.681	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.360%		
62) 4-Bromofluorobenzene	11.085	95	147898	44.864	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	103	Below Cal	#	2
11) Tert butyl alcohol	2.971	59	1053	1.721	ug/l #	78
13) Acrolein	2.240	56	176	0.432	ug/l #	14
16) Acetone	2.386	43	132393	115.075	ug/l	91
18) Methyl Acetate	2.544	43	10541	3.774	ug/l #	47
20) Methylene Chloride	2.794	84	19245	7.769	ug/l #	90
22) Diisopropyl ether	3.861	45	1885	0.267	ug/l #	1
25) 2-Butanone	4.581	43	8017	4.621	ug/l #	86
29) Tetrahydrofuran	5.032	42	2787	2.499	ug/l #	81
31) Cyclohexane	5.568	56	4585	1.317	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	16847	5.331	ug/l #	50
37) Ethyl Acetate	4.581	43	8017	2.326	ug/l #	64
38) Carbon Tetrachloride	5.562	117	22118	6.705	ug/l #	17
41) Methacrylonitrile	5.032	41	1861	0.966	ug/l #	40
48) Methyl methacrylate	7.598	41	8869	3.152	ug/l #	18
49) 1,4-Dioxane	7.671	88	30	0.474	ug/l #	24
51) 4-Methyl-2-Pentanone	8.580	43	8175	2.301	ug/l	88
59) 2-Hexanone	9.433	43	1684	0.618	ug/l	62
76) 1,2,3-Trichloropropane	11.085	75	77634	29.965	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	77634	80.461	ug/l #	12
90) Hexachloroethane	12.701	117	154	3.101	ug/l #	9
95) Naphthalene	13.786	128	375	1.314	ug/l #	69

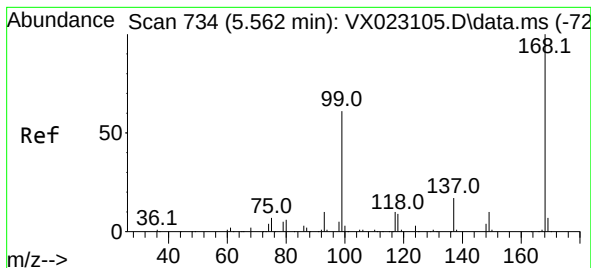
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
Data File : VX023304.D
Acq On : 15 Jul 2021 17:12
Operator : JC/MD
Sample : M3026-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 16 03:53:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023304.D

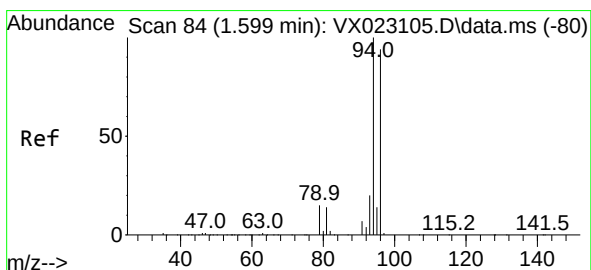
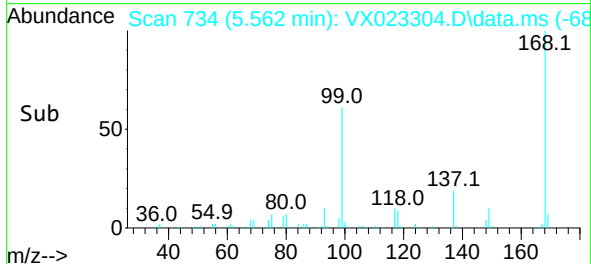
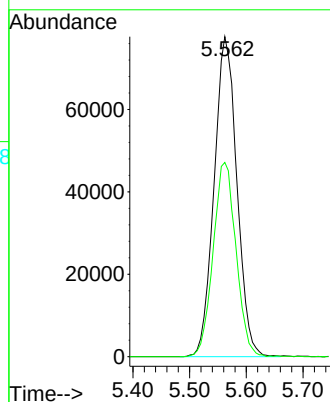
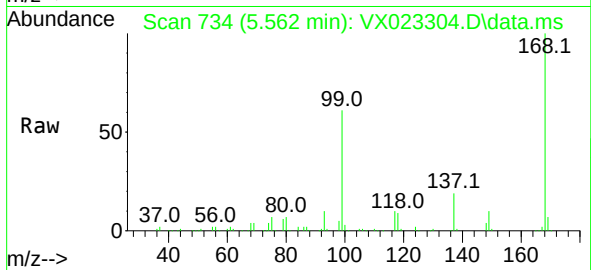
Acq: 15 Jul 2021 17:12

Tgt Ion:168 Resp: 216370

Ion Ratio Lower Upper

168 100

99 60.7 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.587 min Scan# 82

Delta R.T. -0.012 min

Lab File: VX023304.D

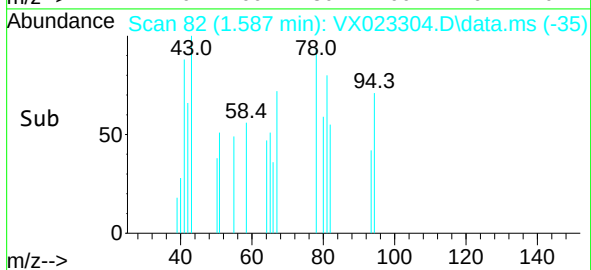
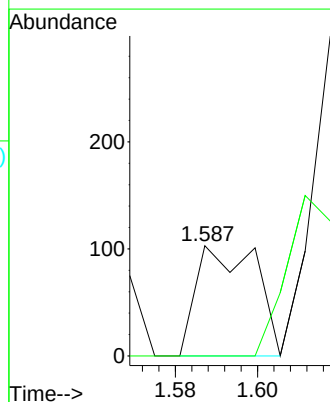
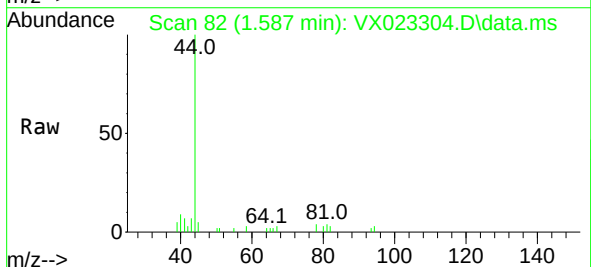
Acq: 15 Jul 2021 17:12

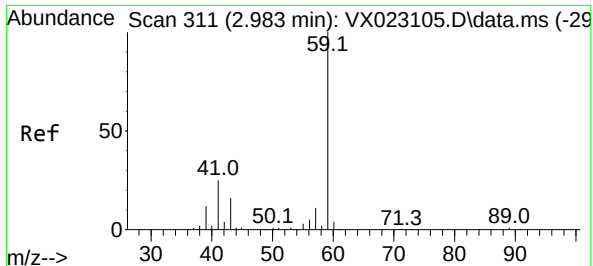
Tgt Ion: 94 Resp: 103

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#



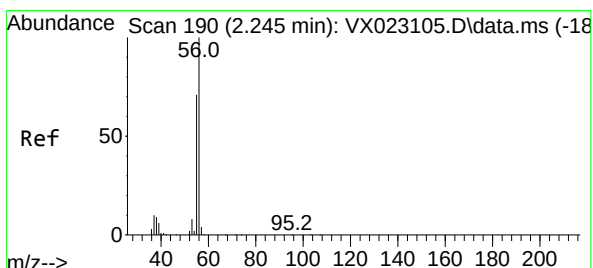
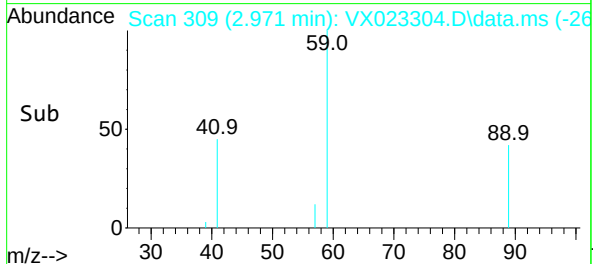
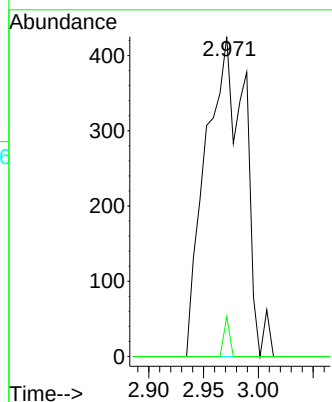
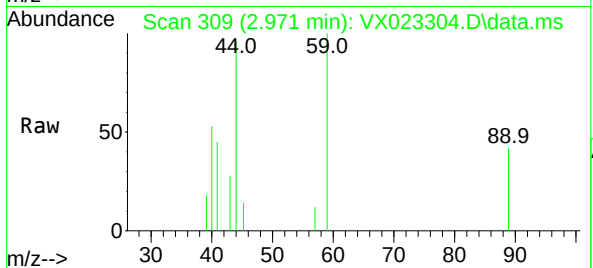


#11

Tert butyl alcohol
Concen: 1.721 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Instrument :
MSVOA_X
ClientSampled :

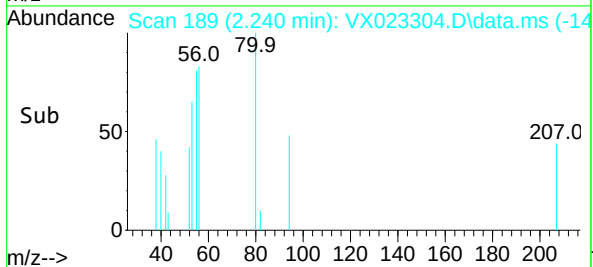
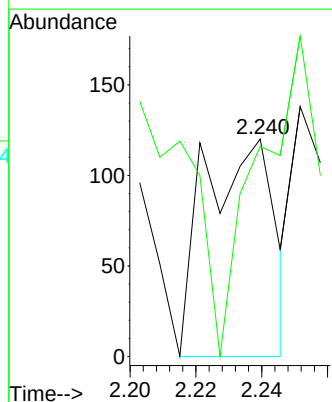
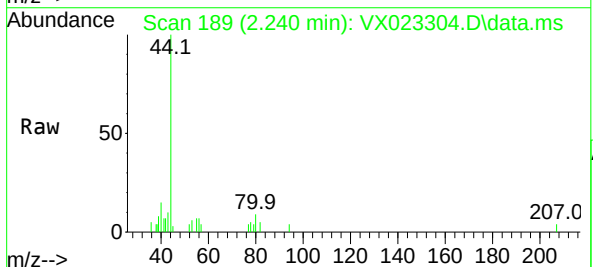
Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.8#

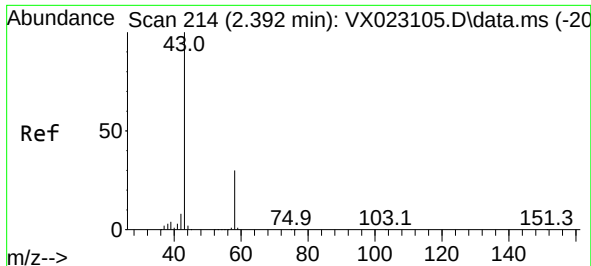


#13

Acrolein
Concen: 0.432 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.005 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

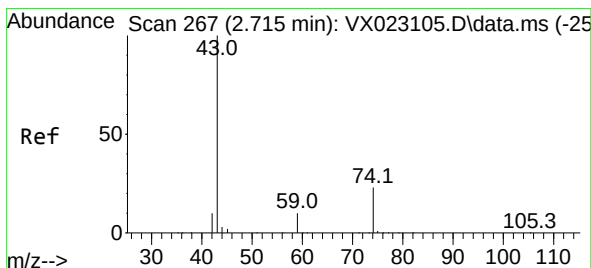
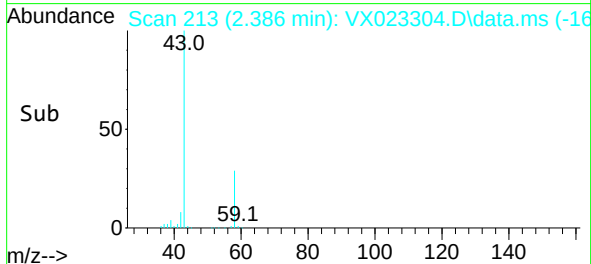
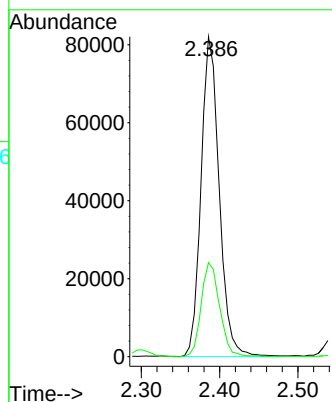
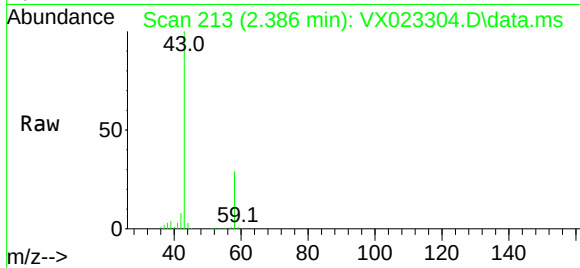




#16
Acetone
Concen: 115.075 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

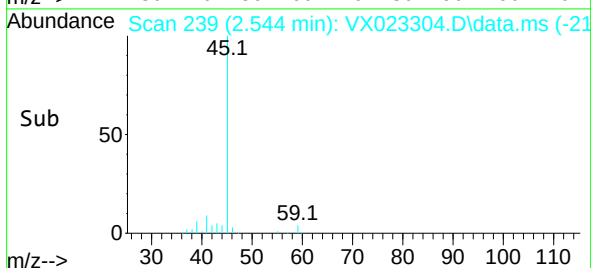
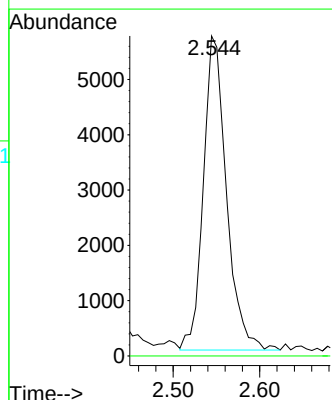
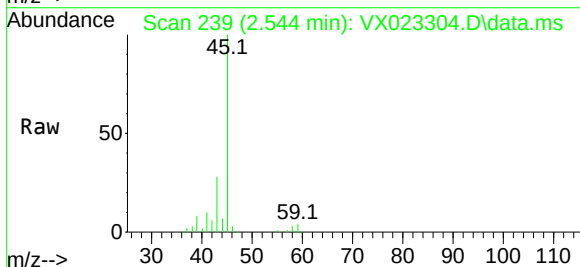
Instrument :
MSVOA_X
ClientSampled :

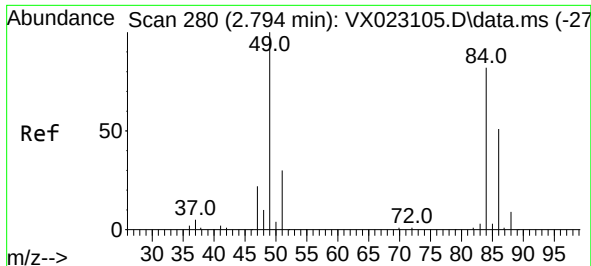
Tgt Ion: 43 Resp: 132393
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#18
Methyl Acetate
Concen: 3.774 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.171 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

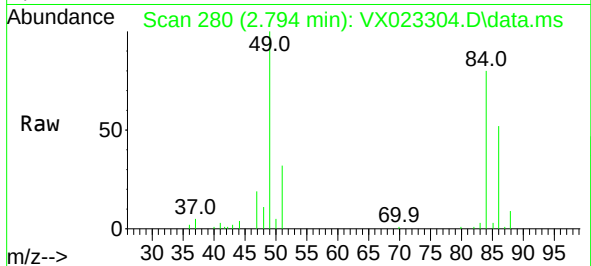
Tgt Ion: 43 Resp: 10541
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



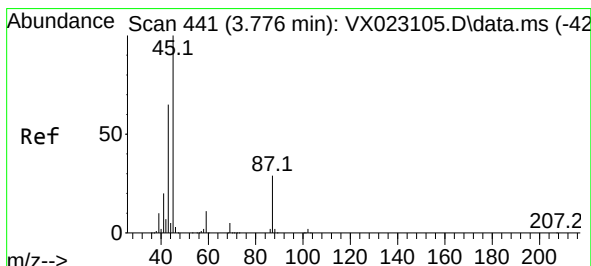
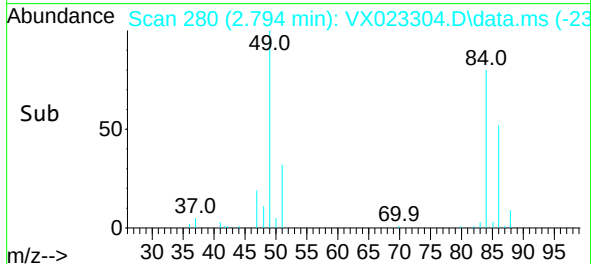
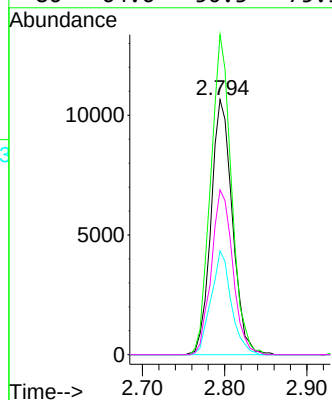


#20
Methylene Chloride
Concen: 7.769 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

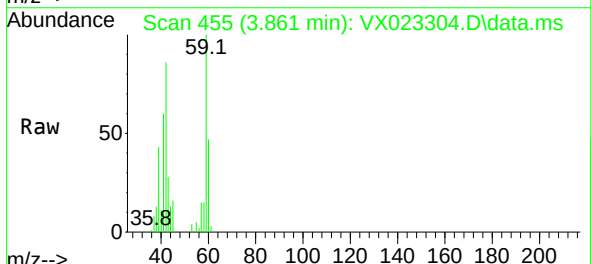
Instrument :
MSVOA_X
ClientSampled :



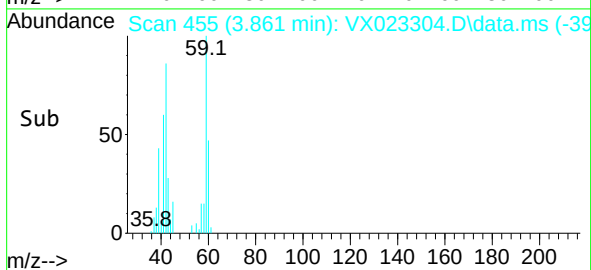
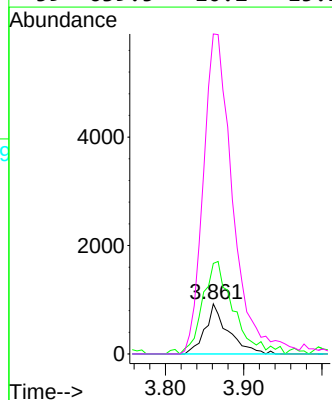
Tgt Ion:	84	Resp:	19245
Ion	Ratio	Lower	Upper
84	100		
49	125.5	88.6	132.8
51	40.7	27.0	40.6#
86	64.6	50.3	75.5

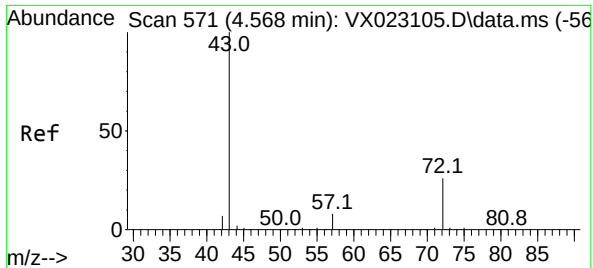


#22
Diisopropyl ether
Concen: 0.267 ug/l
RT: 3.861 min Scan# 455
Delta R.T. 0.085 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12



Tgt Ion:	45	Resp:	1885
Ion	Ratio	Lower	Upper
45	100		
43	180.9	58.0	87.0#
87	0.0	25.4	38.0#
59	639.5	10.2	15.2#

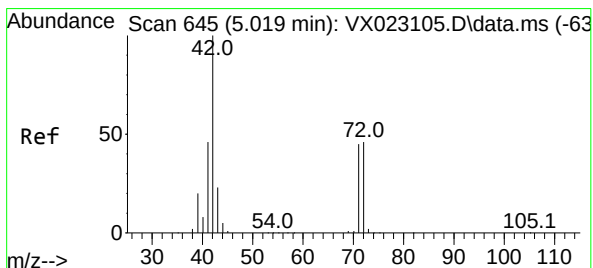
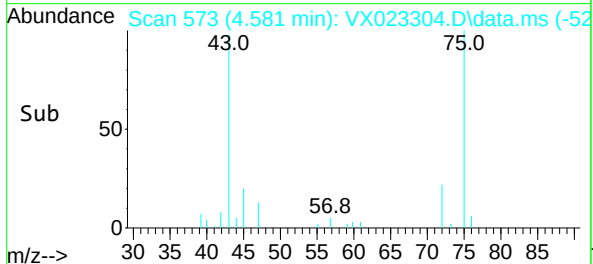
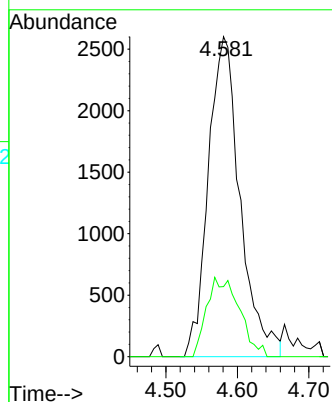
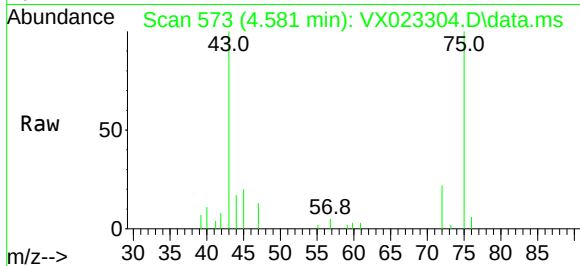




#25
2-Butanone
Concen: 4.621 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

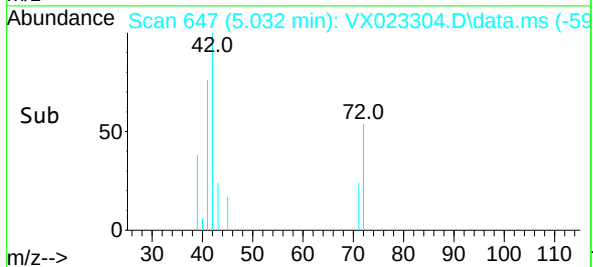
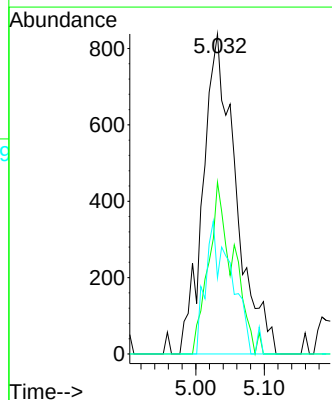
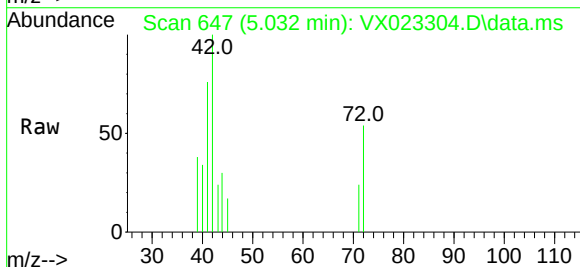
Instrument :
MSVOA_X
ClientSampled :

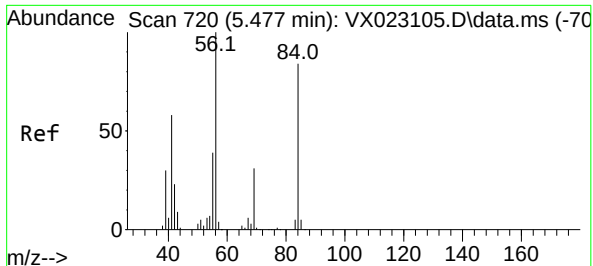
Tgt Ion: 43 Resp: 8017
Ion Ratio Lower Upper
43 100
72 21.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.499 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 42 Resp: 2787
Ion Ratio Lower Upper
42 100
72 41.1 41.7 62.5#
71 32.3 38.4 57.6#

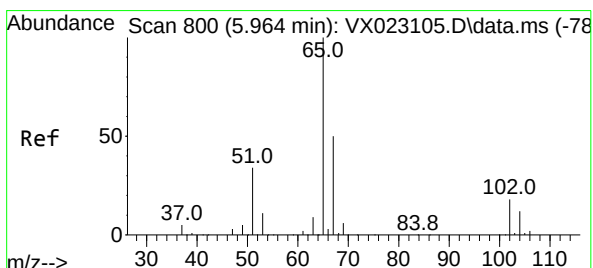
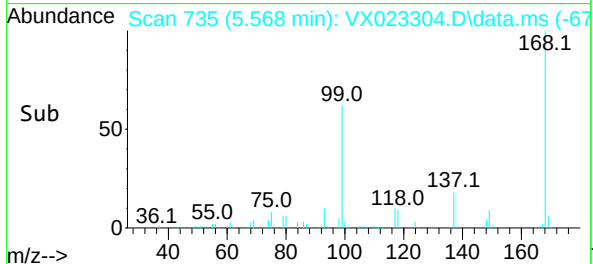
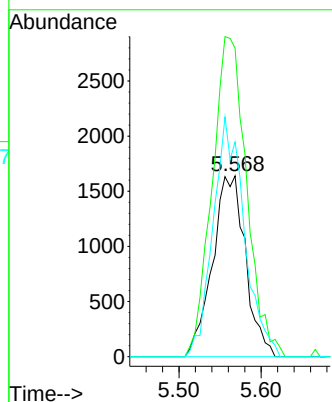
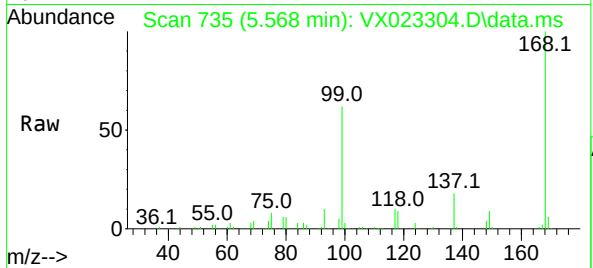




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

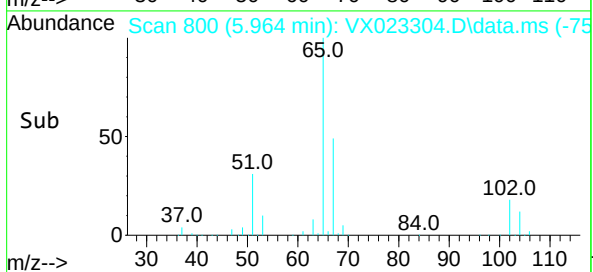
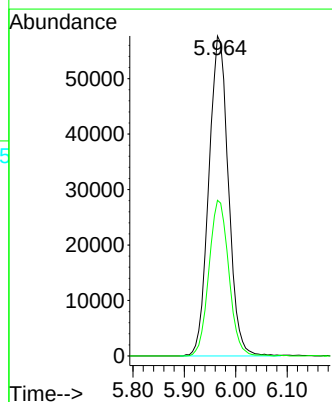
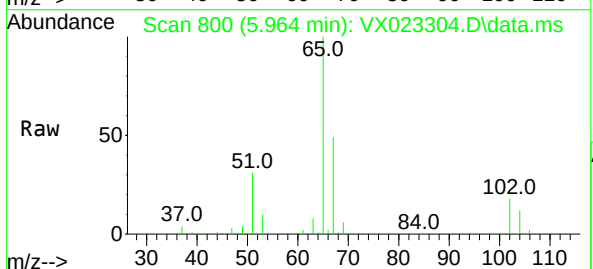
Instrument :
MSVOA_X
ClientSampled :

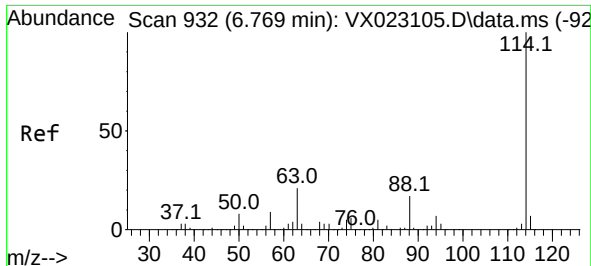
Tgt Ion: 56 Resp: 4585
Ion Ratio Lower Upper
56 100
69 170.5 25.3 37.9#
84 118.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.480 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 65 Resp: 152611
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

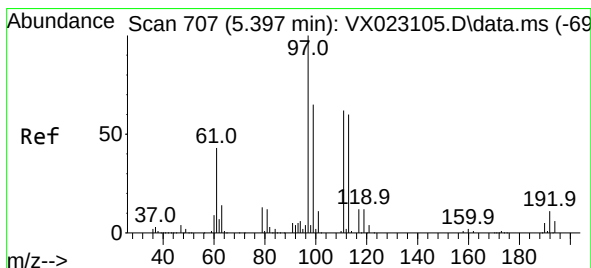
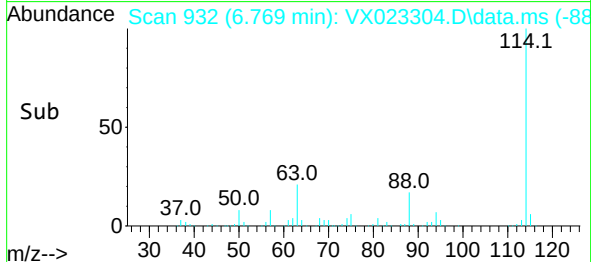
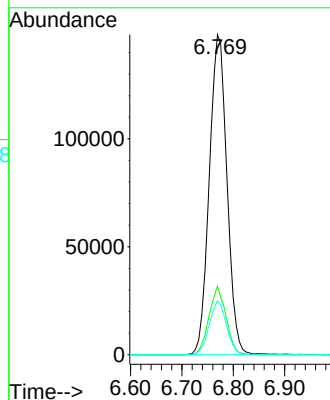
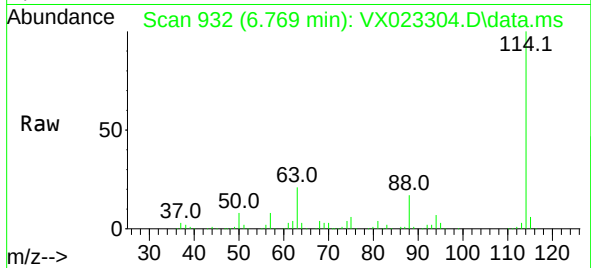




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

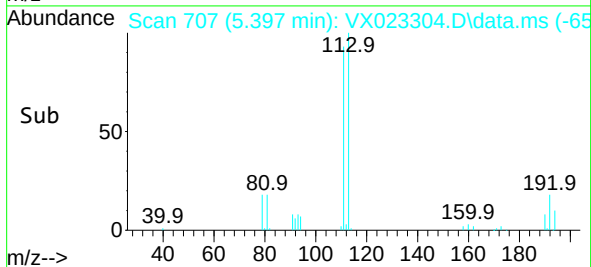
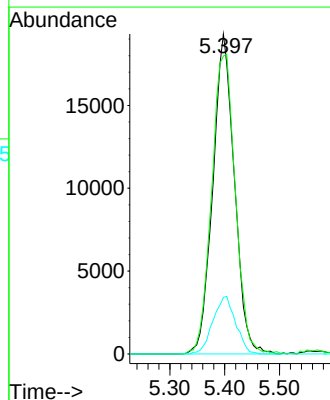
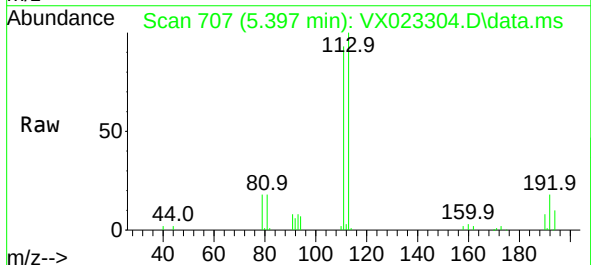
Instrument :
MSVOA_X
ClientSampled :

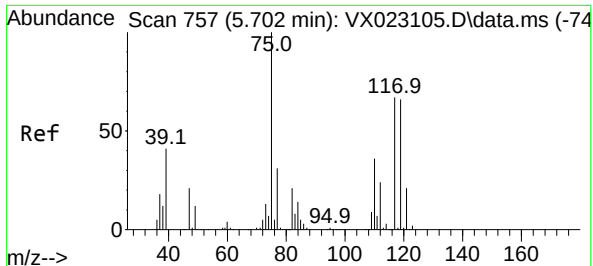
Tgt Ion:114 Resp: 354491
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 23.037 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

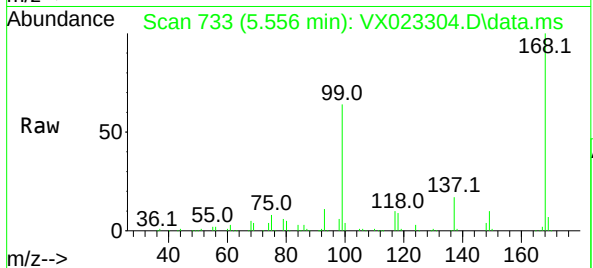
Tgt Ion:113 Resp: 52736
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 18.9 16.7 25.1



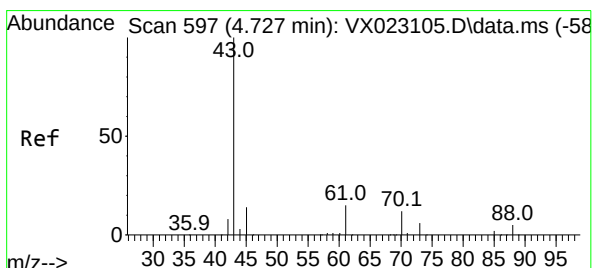
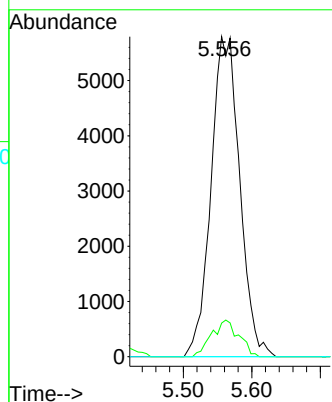
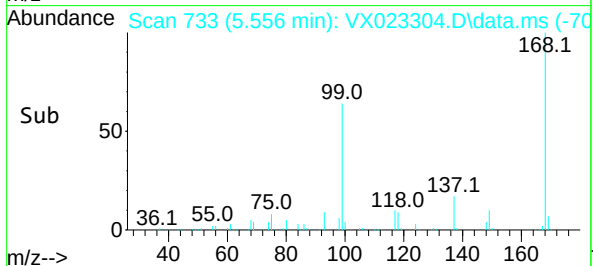


#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

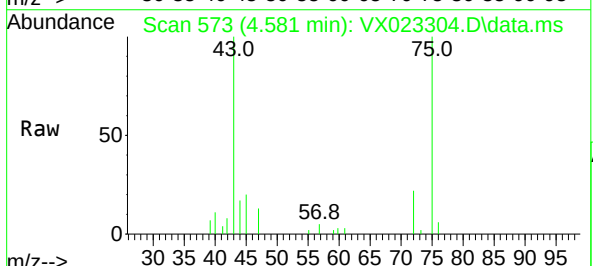
Instrument :
MSVOA_X
ClientSampled :



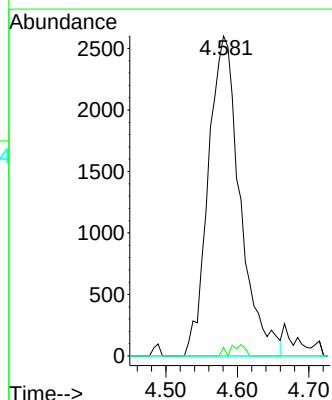
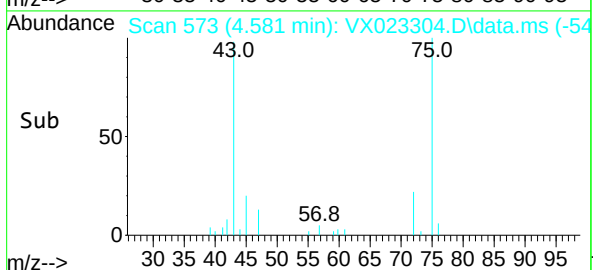
Tgt Ion: 75 Resp: 16847
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#

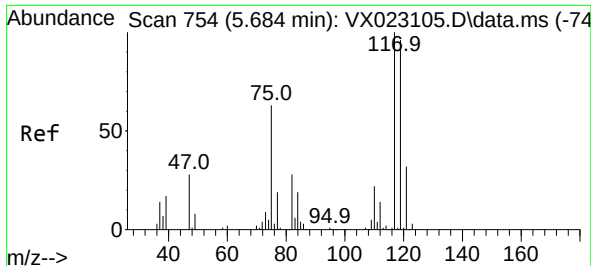


#37
Ethyl Acetate
Concen: 2.326 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.146 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12



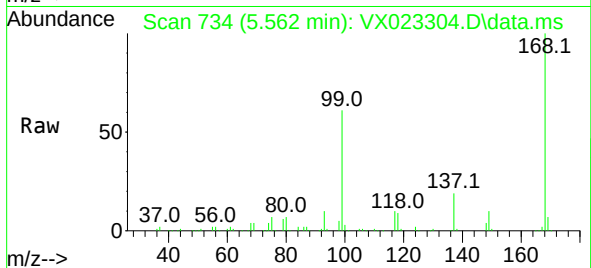
Tgt Ion: 43 Resp: 8017
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



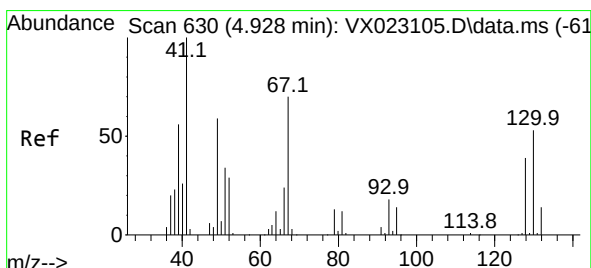
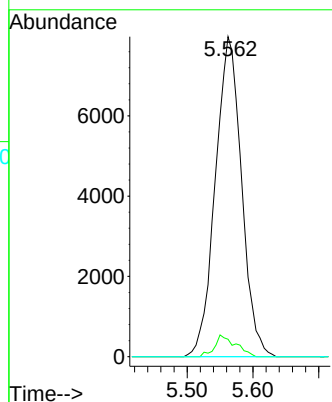
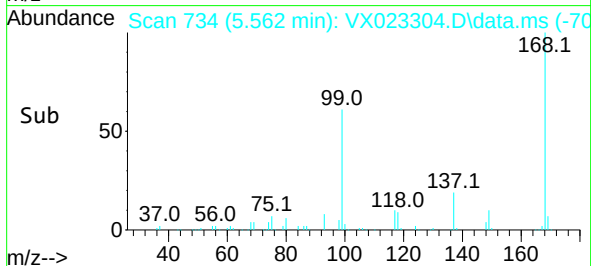


#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

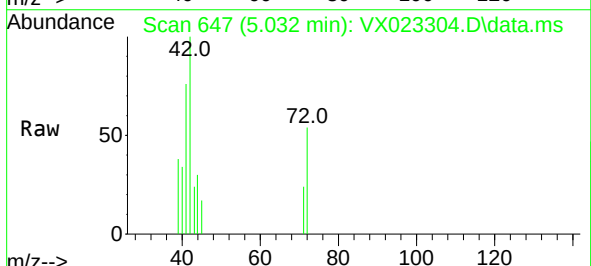
Instrument :
MSVOA_X
ClientSampled :



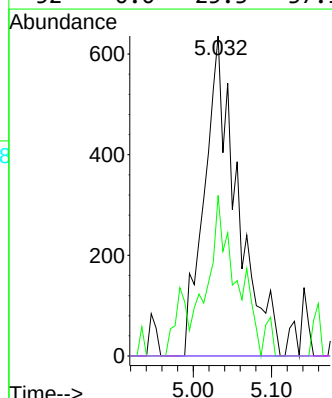
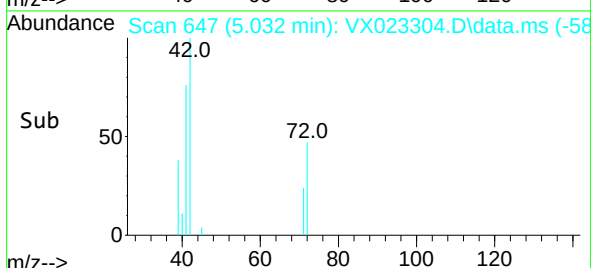
Tgt Ion:117 Resp: 22118
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

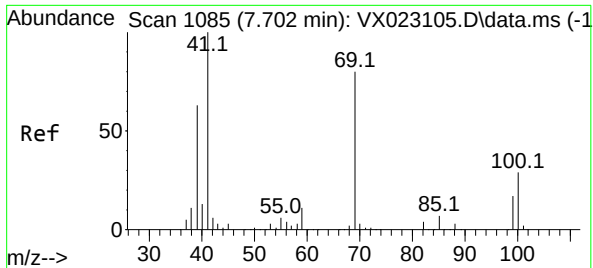


#41
Methacrylonitrile
Concen: 0.966 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12



Tgt Ion: 41 Resp: 1861
Ion Ratio Lower Upper
41 100
39 42.6 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

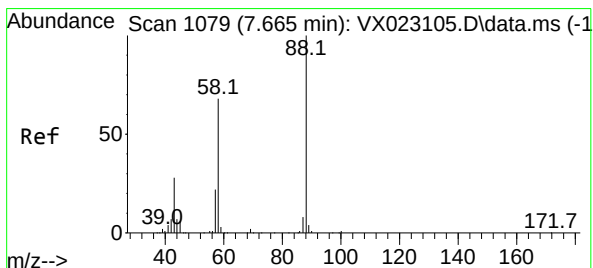
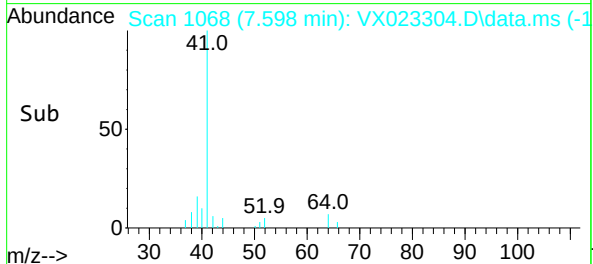
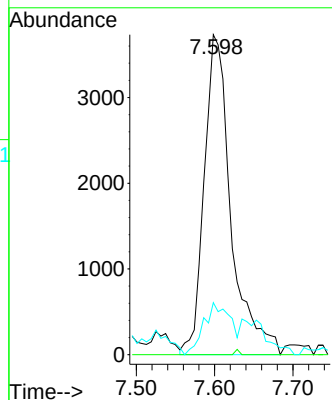
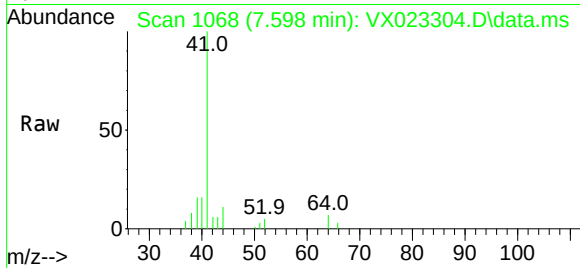




#48
Methyl methacrylate
Concen: 3.152 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

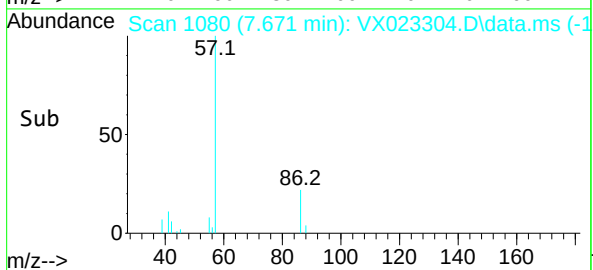
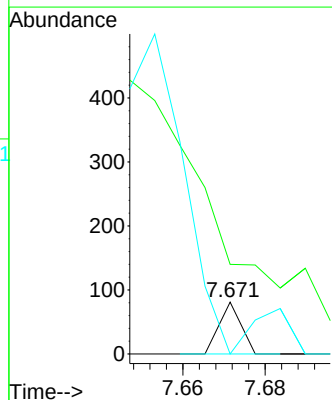
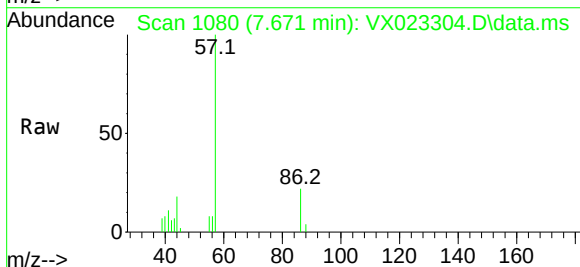
Instrument :
MSVOA_X
ClientSampled :

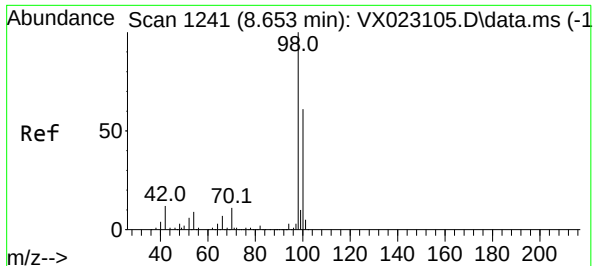
Tgt Ion: 41 Resp: 8869
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 16.1 44.6 67.0#



#49
1,4-Dioxane
Concen: 0.474 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

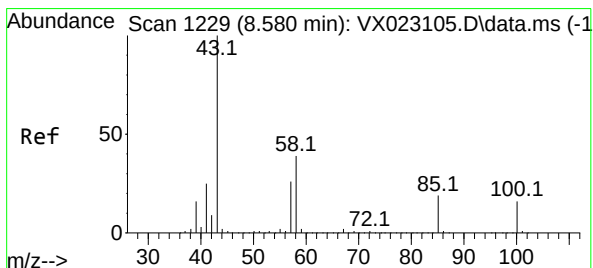
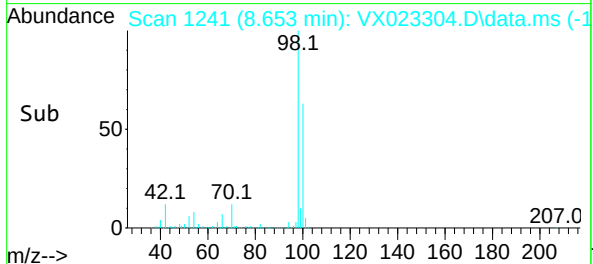
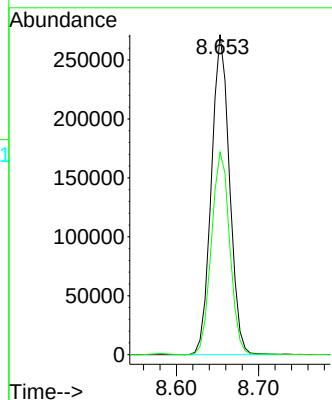
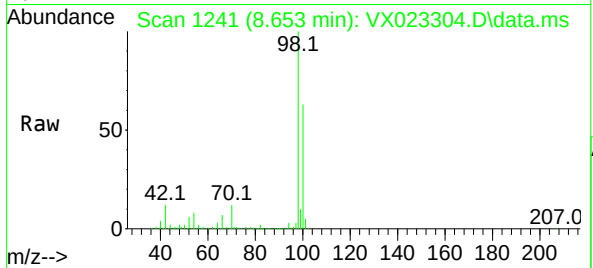




#50
Toluene-d8
Concen: 48.681 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

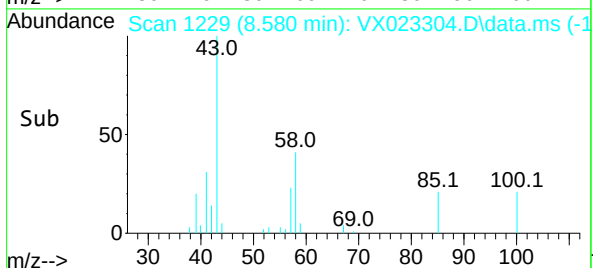
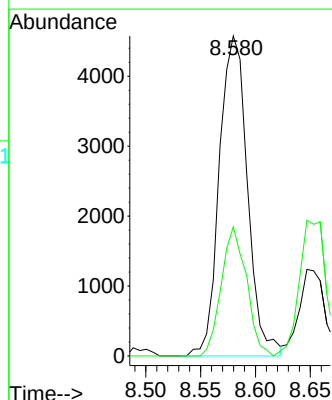
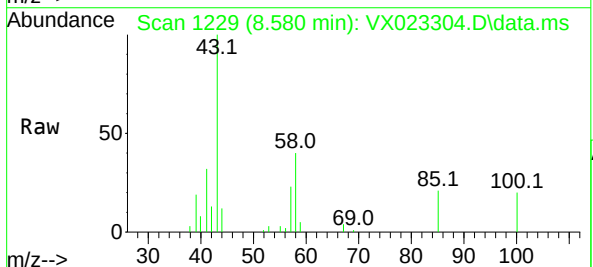
Instrument :
MSVOA_X
ClientSampled :

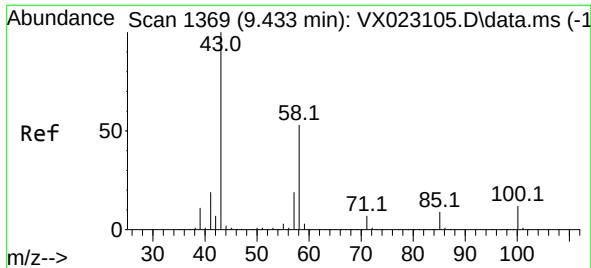
Tgt Ion: 98 Resp: 415691
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.301 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 43 Resp: 8175
Ion Ratio Lower Upper
43 100
58 36.2 35.4 53.0

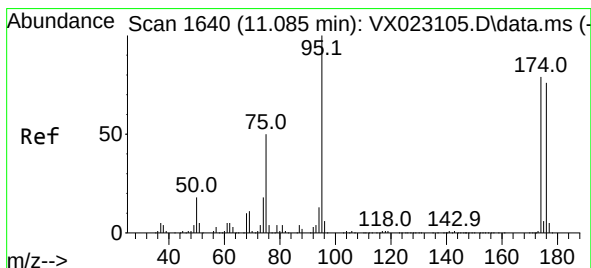
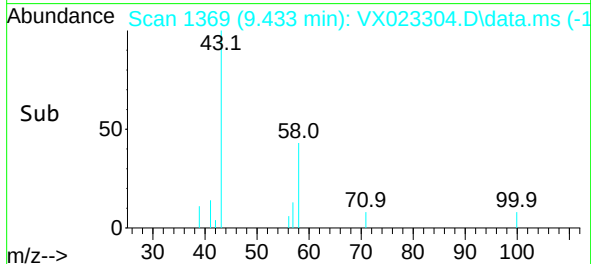
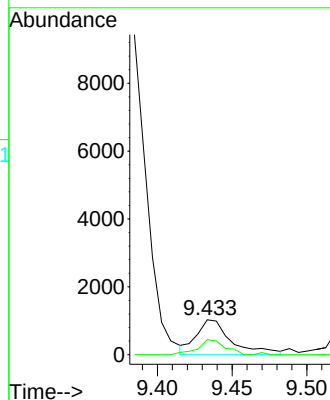
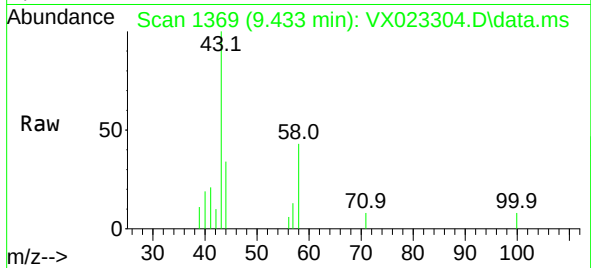




#59
2-Hexanone
Concen: 0.618 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

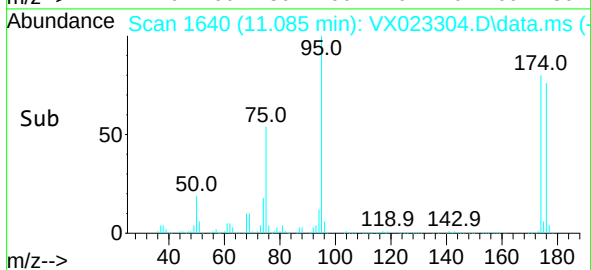
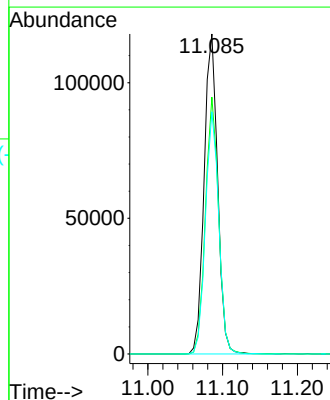
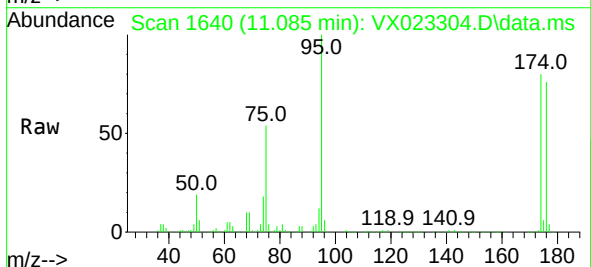
Instrument :
MSVOA_X
ClientSampled :

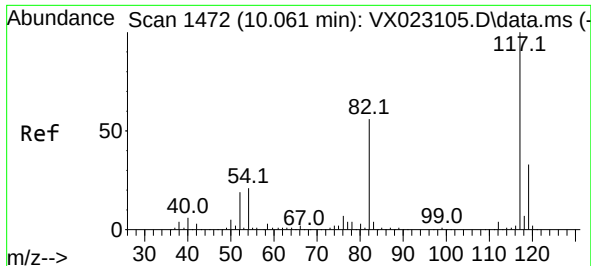
Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 33.0 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 44.864 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 95 Resp: 147898
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 74.8 0.0 155.8

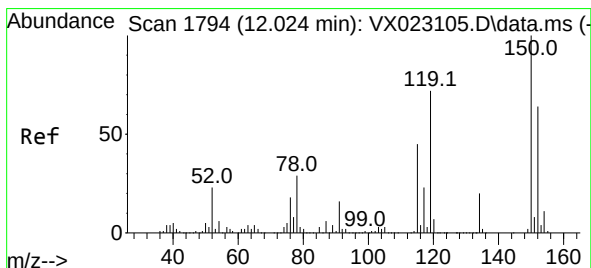
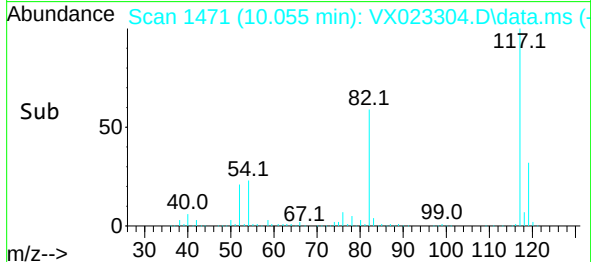
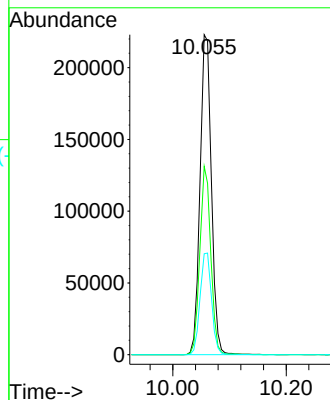
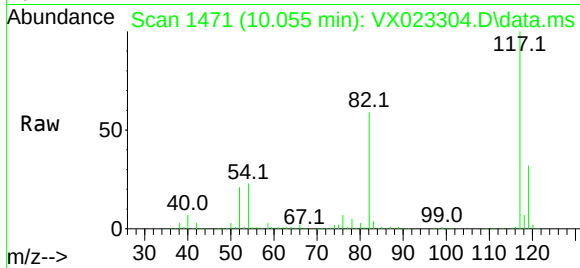




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

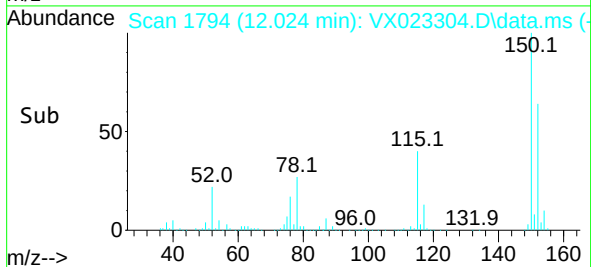
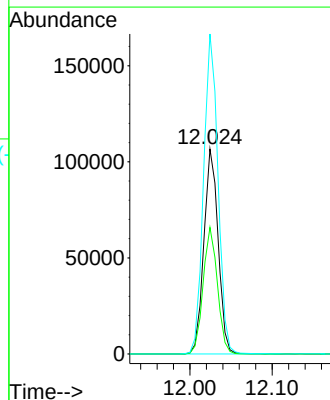
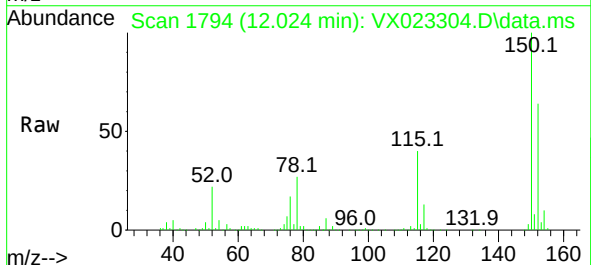
Instrument :
MSVOA_X
ClientSampled :

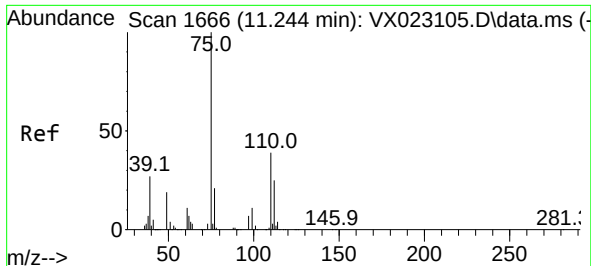
Tgt Ion:117 Resp: 309735
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

Tgt Ion:152 Resp: 128748
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 158.0 0.0 349.0

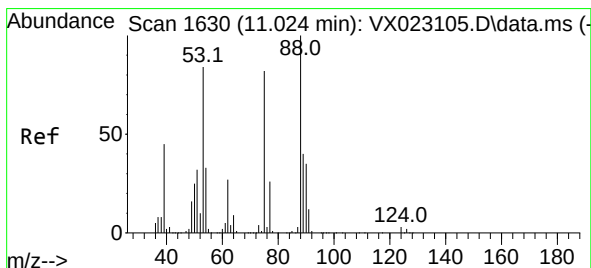
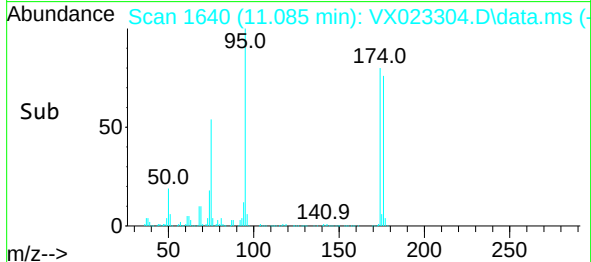
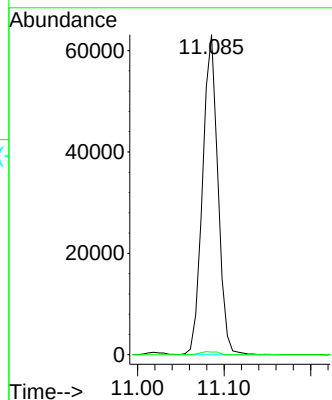
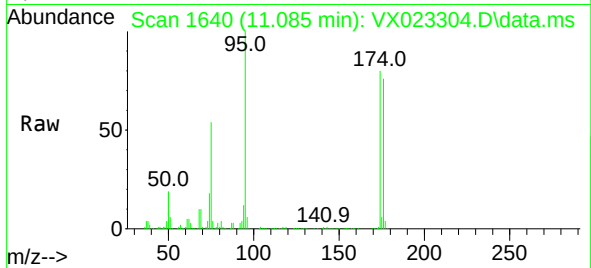




#76
1,2,3-Trichloropropane
Concen: 29.965 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

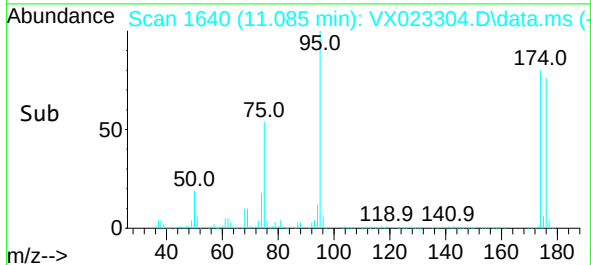
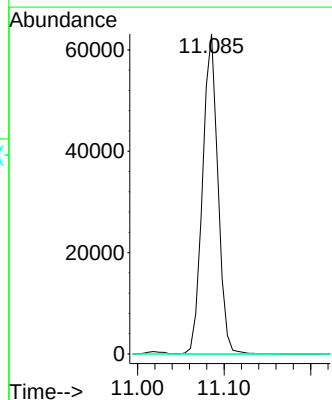
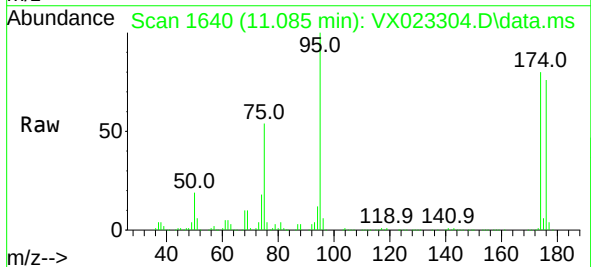
Instrument :
MSVOA_X
ClientSampled :

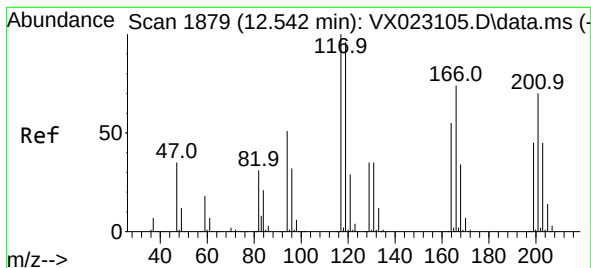
Tgt Ion: 75 Resp: 77634
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.461 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

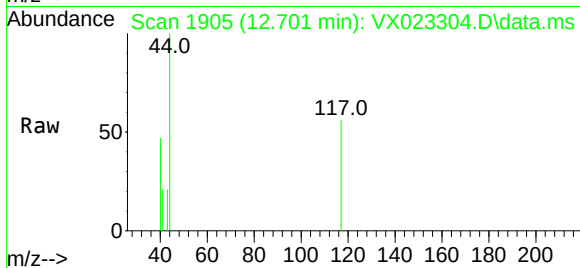
Tgt Ion: 75 Resp: 77634
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



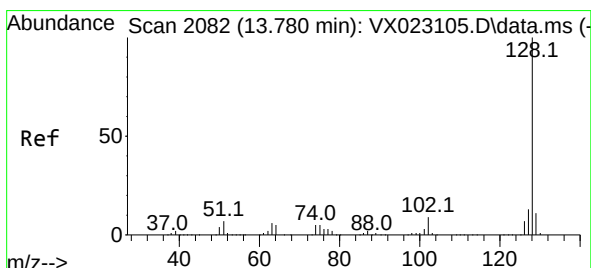
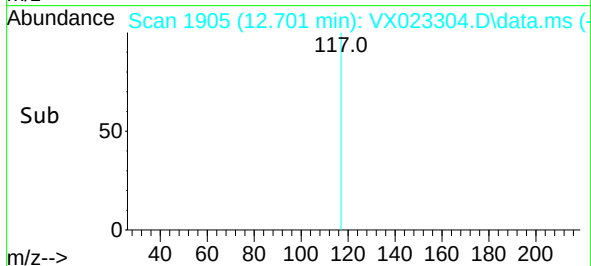
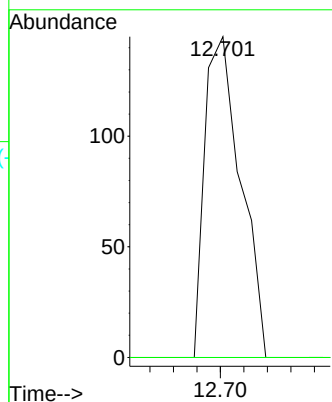


#90
Hexachloroethane
Concen: 3.101 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12

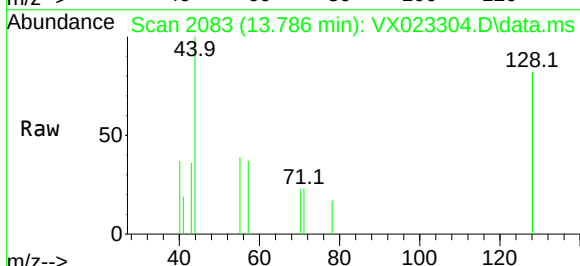
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:117 Resp: 154
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.314 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023304.D
Acq: 15 Jul 2021 17:12



Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

