

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034291.D
 Acq On : 01 Mar 2023 15:53
 Operator : JC/MD
 Sample : 01762-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 02 00:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

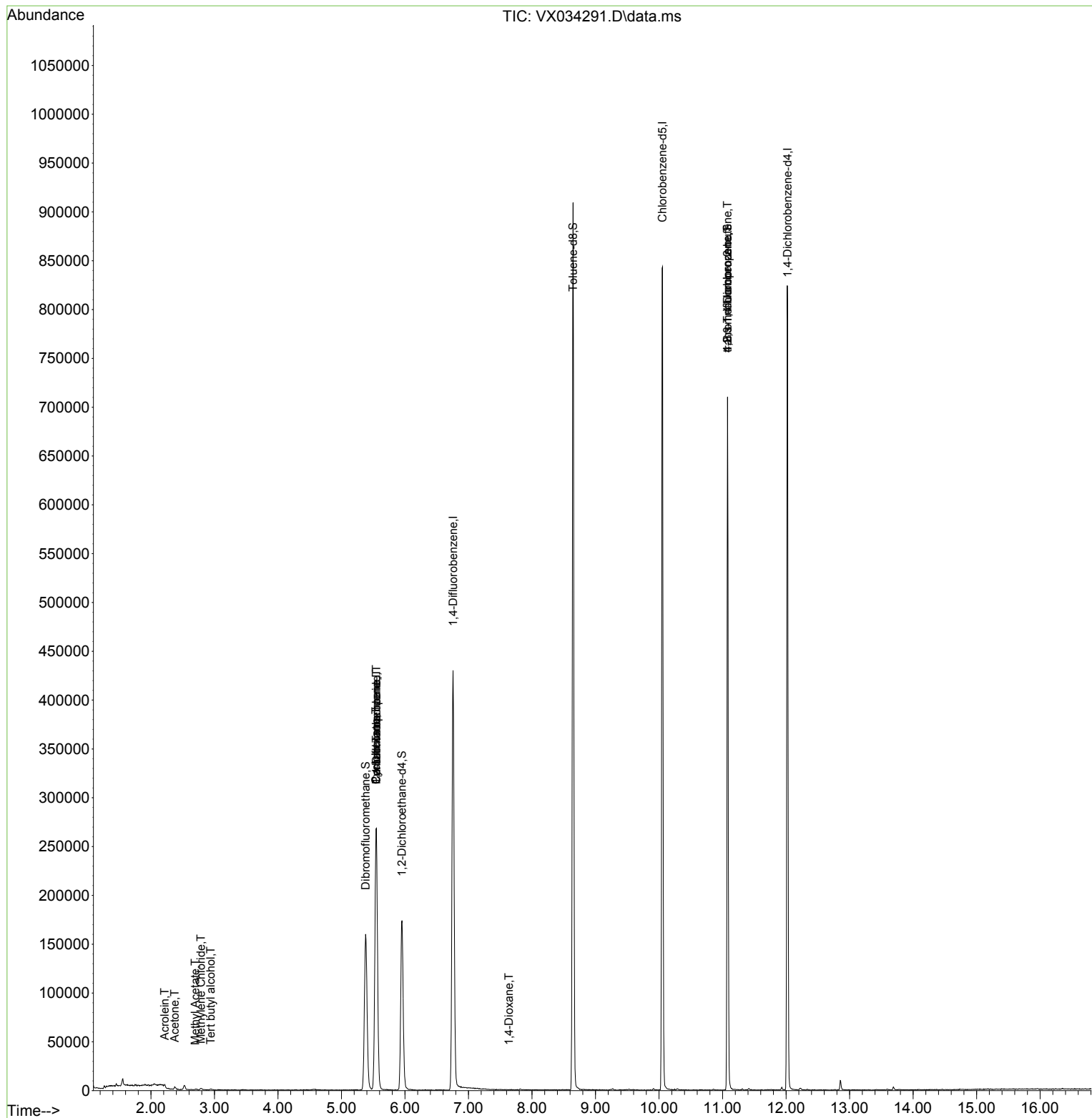
Internal Standards						
1) Pentafluorobenzene	5.550	168	273899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161447	43.767	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.540%	
35) Dibromofluoromethane	5.379	113	141072	48.255	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.520%	
50) Toluene-d8	8.647	98	537905	51.247	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.500%	
62) 4-Bromofluorobenzene	11.079	95	182247	45.393	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	29	Below Cal	#	6
11) Tert butyl alcohol	2.941	59	617	0.748	ug/l #	86
13) Acrolein	2.215	56	190	0.504	ug/l #	31
16) Acetone	2.374	43	2822	1.483	ug/l	92
18) Methyl Acetate	2.697	43	1386	0.235	ug/l #	90
20) Methylene Chloride	2.788	84	827	0.241	ug/l #	78
31) Cyclohexane	5.544	56	5249	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19946	4.613	ug/l #	49
38) Carbon Tetrachloride	5.550	117	25355	5.699	ug/l #	15
49) 1,4-Dioxane	7.635	88	21	0.260	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	91150	20.230	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91150	51.970	ug/l #	8

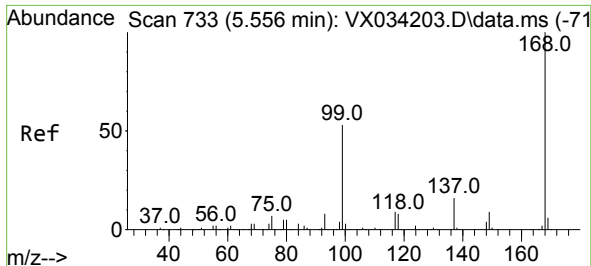
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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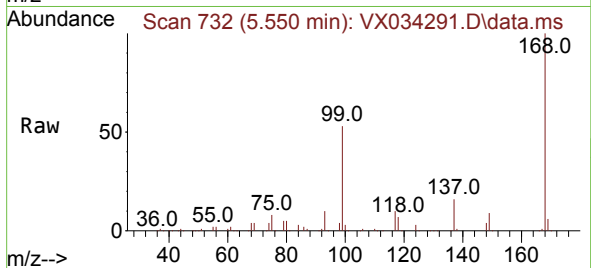
Quant Time: Mar 02 00:43:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



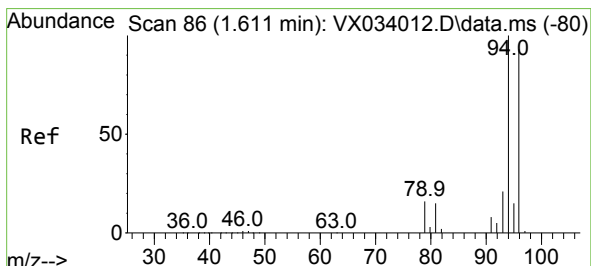
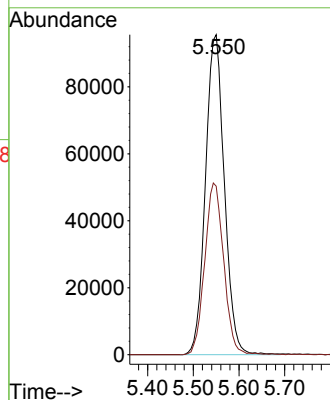
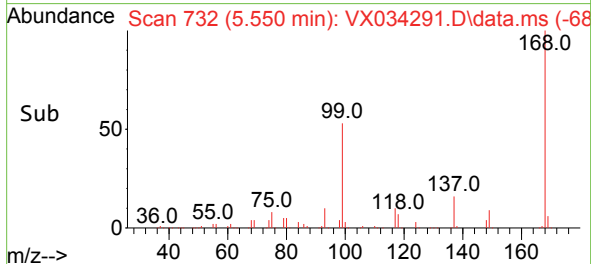


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

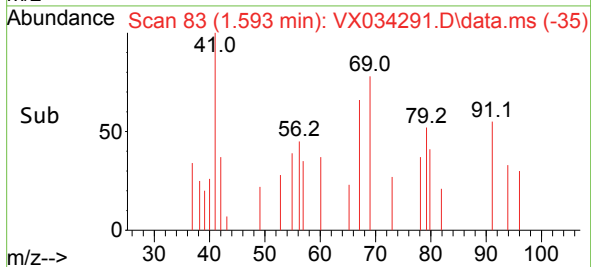
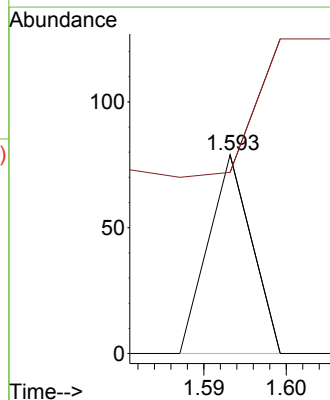
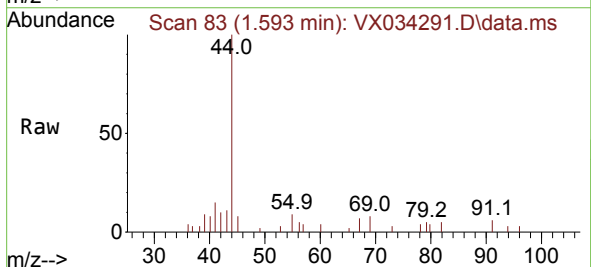


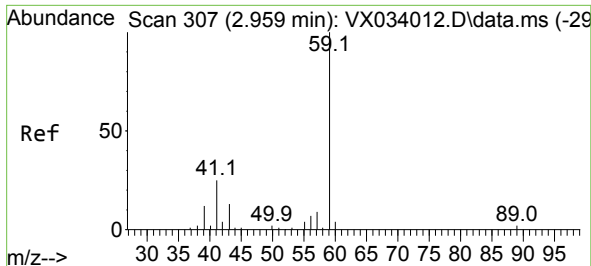
Tgt Ion:168 Resp: 273899
Ion Ratio Lower Upper
168 100
99 52.7 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

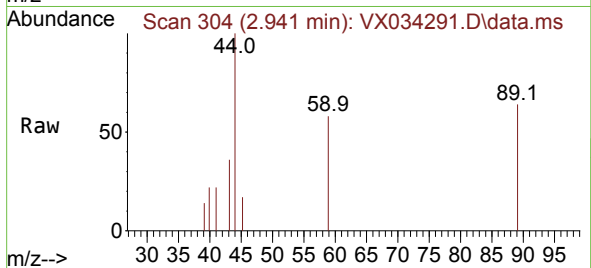
Tgt Ion: 94 Resp: 29
Ion Ratio Lower Upper
94 100
96 2.5 74.3 111.5#



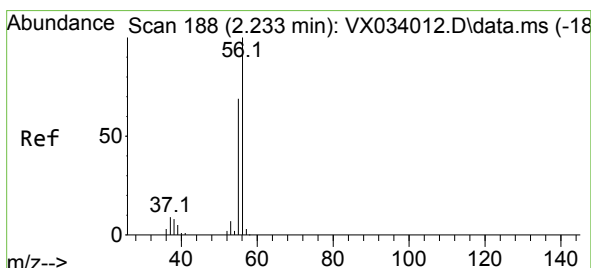
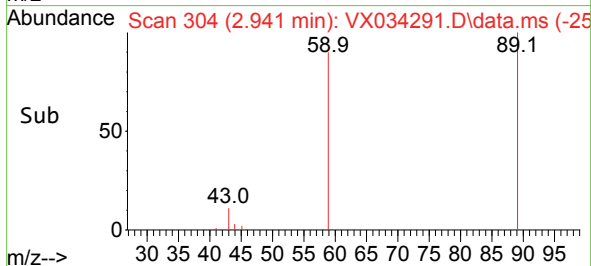
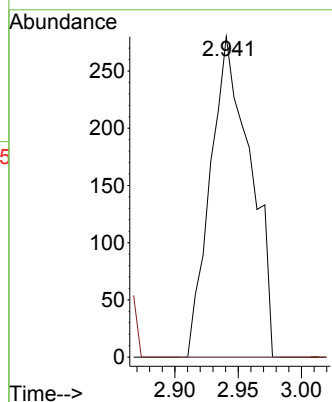


#11
Tert butyl alcohol
Concen: 0.748 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

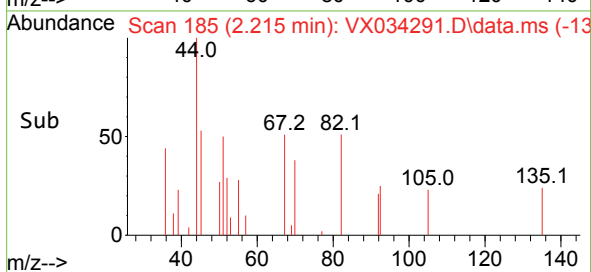
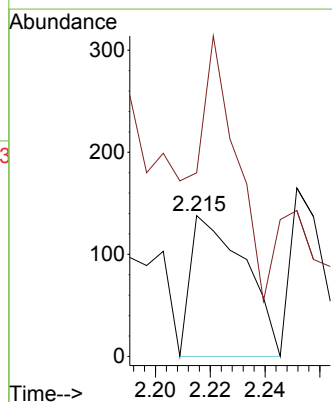
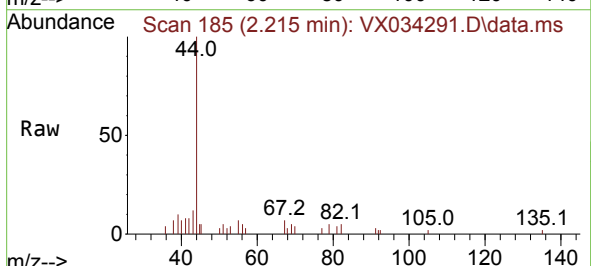


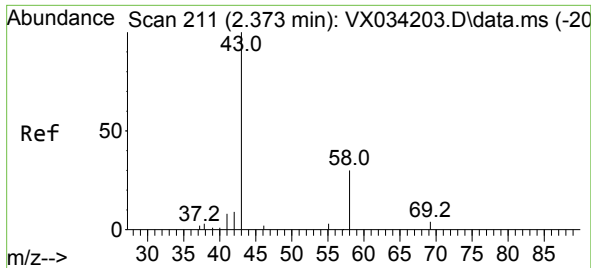
Tgt Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.504 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 126.8 56.3 84.5#

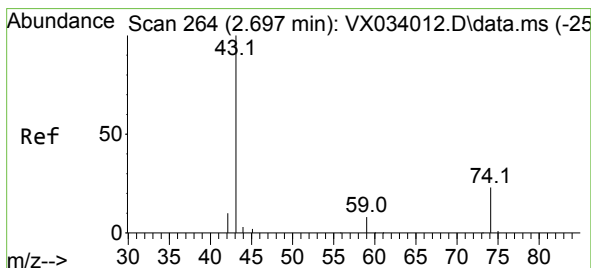
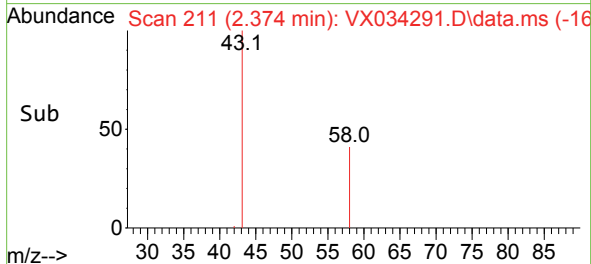
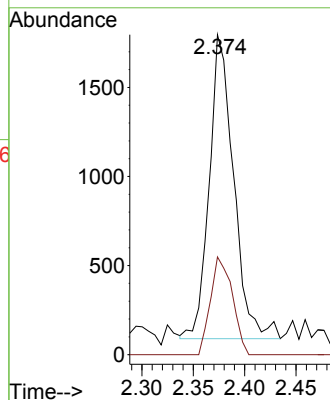
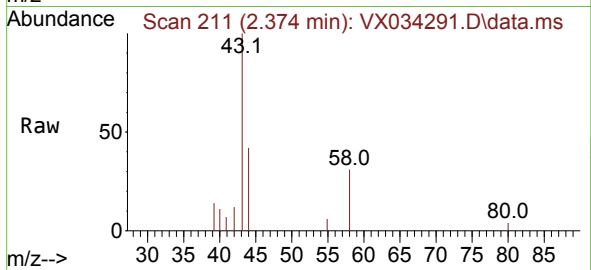




#16
Acetone
Concen: 1.483 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

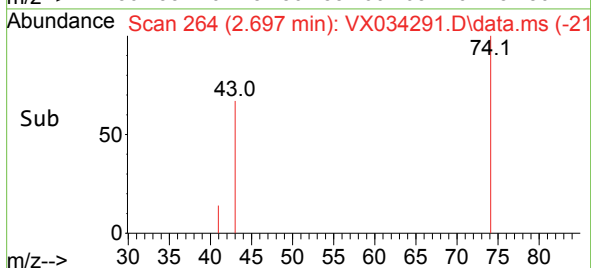
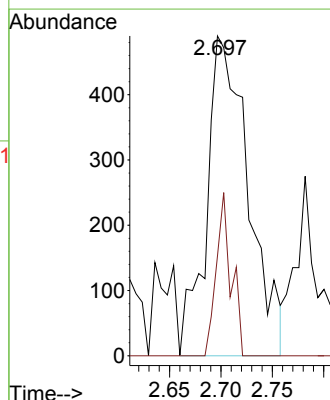
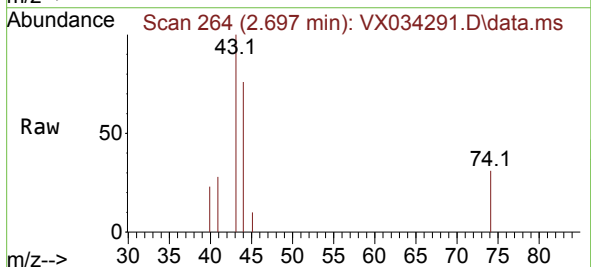
Instrument :
MSVOA_X
ClientSampleId :

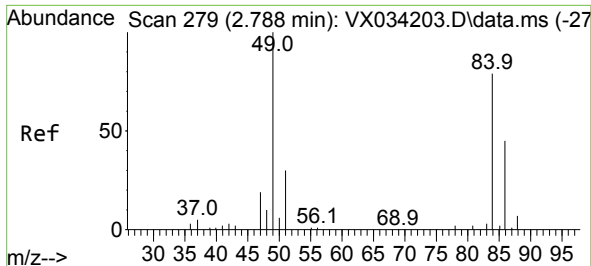
Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
74 18.2 18.2 27.4#





#20

Methylene Chloride

Concen: 0.241 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

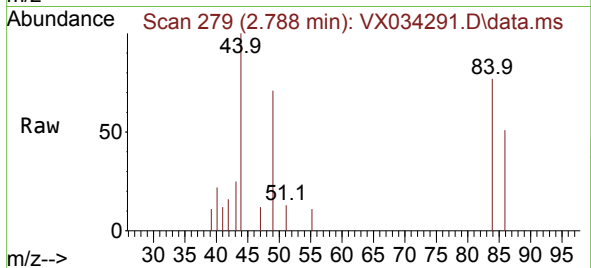
Lab File: VX034291.D

Acq: 01 Mar 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 827

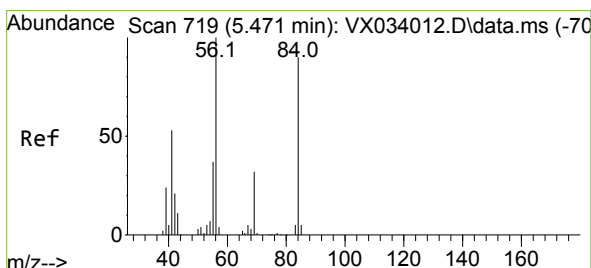
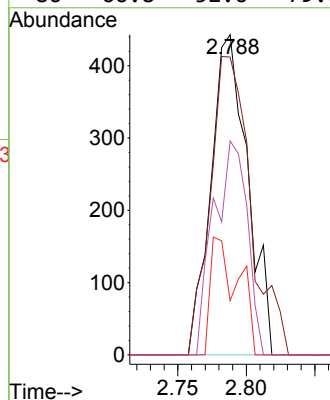
Ion Ratio Lower Upper

84 100

49 93.0 101.1 151.7#

51 16.9 31.0 46.6#

86 66.8 52.6 79.0



#31

Cyclohexane

Concen: 0.953 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX034291.D

Acq: 01 Mar 2023 15:53

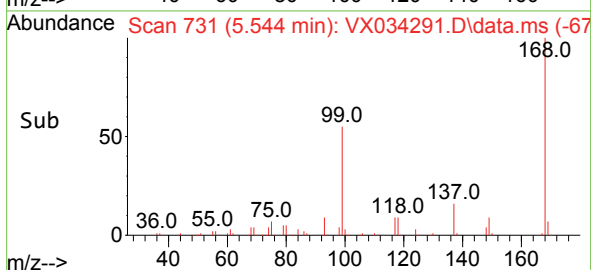
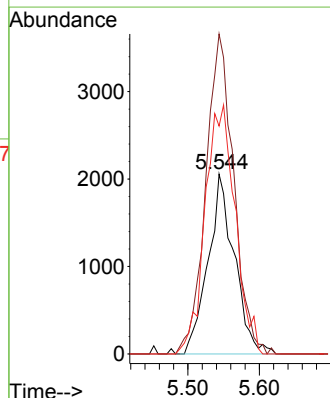
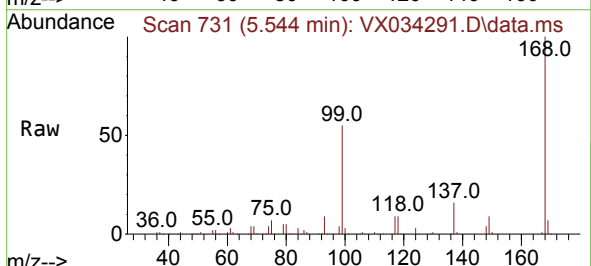
Tgt Ion: 56 Resp: 5249

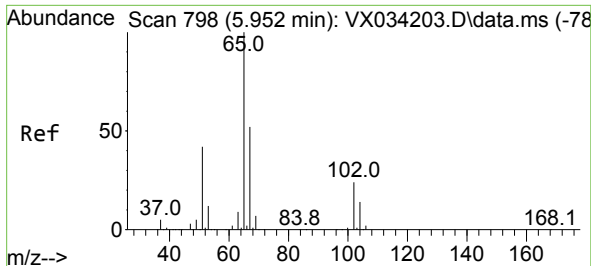
Ion Ratio Lower Upper

56 100

69 177.9 24.6 37.0#

84 126.6 71.0 106.6#

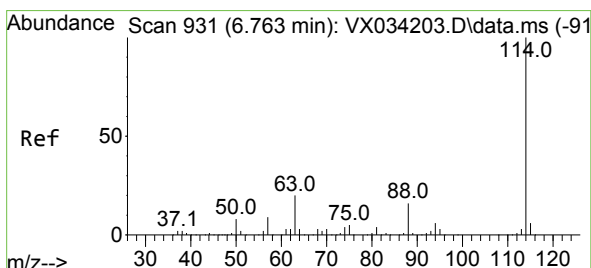
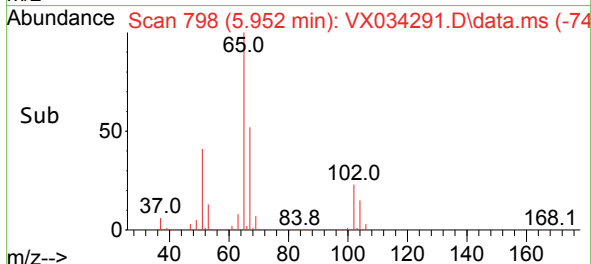
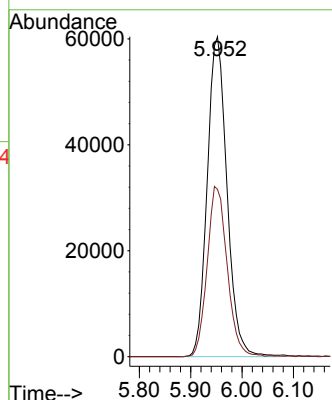
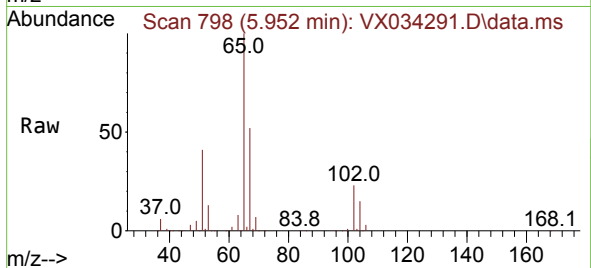




#33
 1,2-Dichloroethane-d4
 Concen: 43.767 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034291.D
 Acq: 01 Mar 2023 15:53

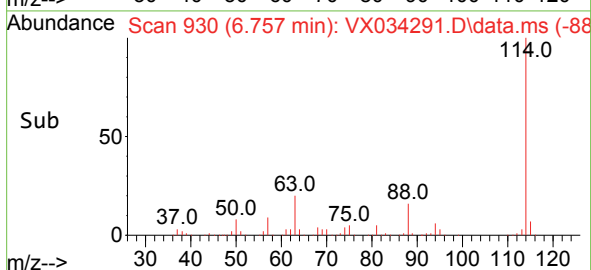
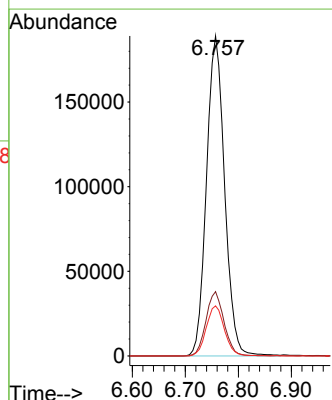
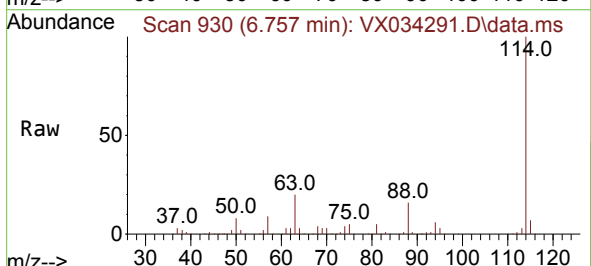
Instrument :
 MSVOA_X
 ClientSampleId :

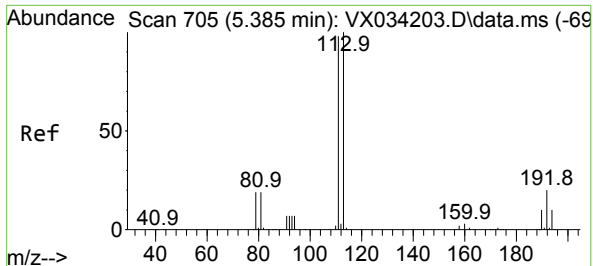
Tgt Ion: 65 Resp: 161447
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034291.D
 Acq: 01 Mar 2023 15:53

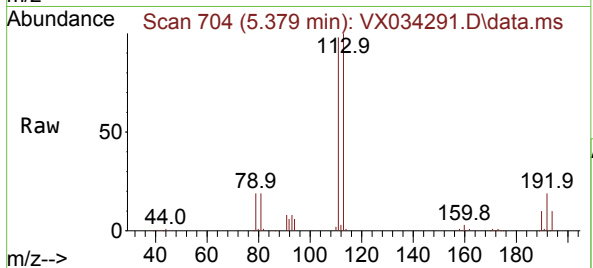
Tgt Ion:114 Resp: 449006
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 15.7 0.0 30.6



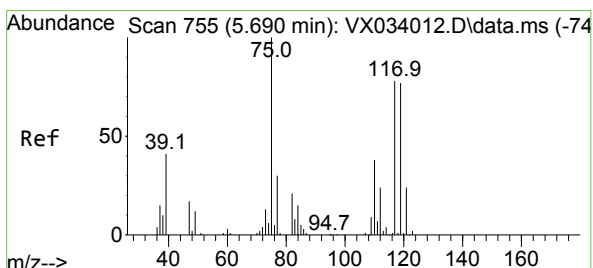
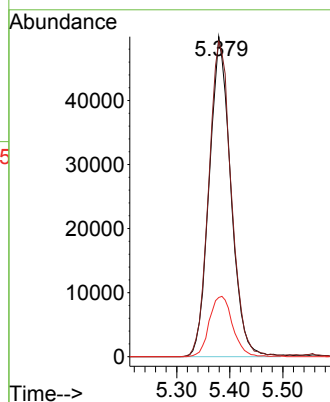
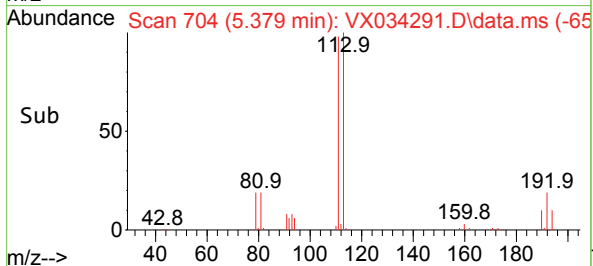


#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

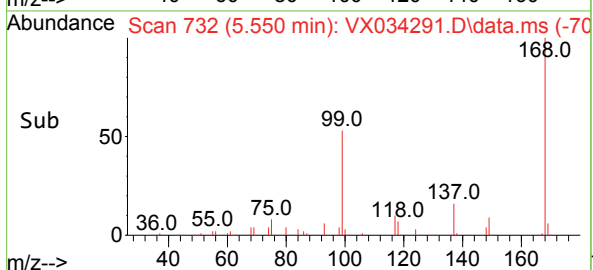
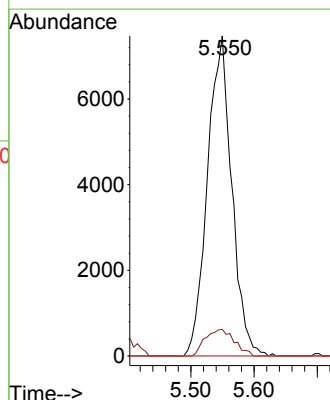
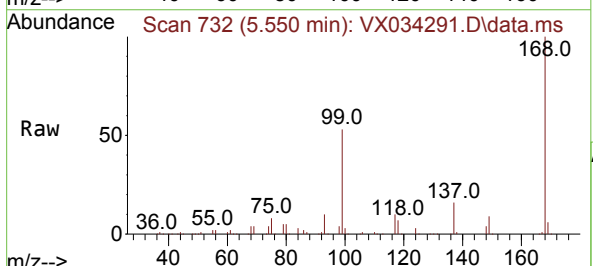


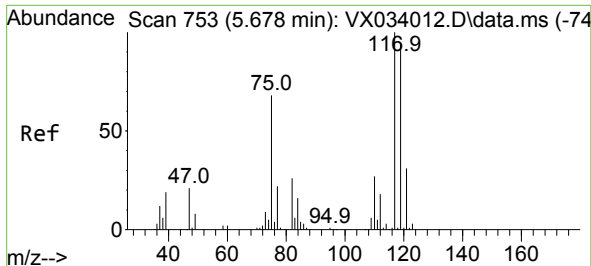
Tgt Ion:113 Resp: 141072
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

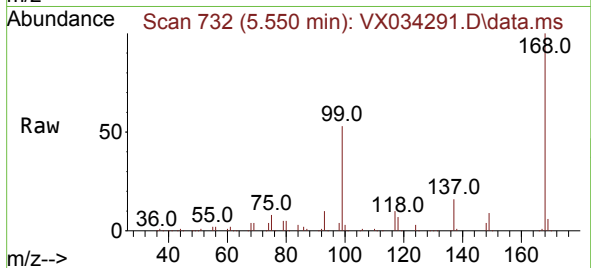
Tgt Ion: 75 Resp: 19946
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 25.1 37.7#



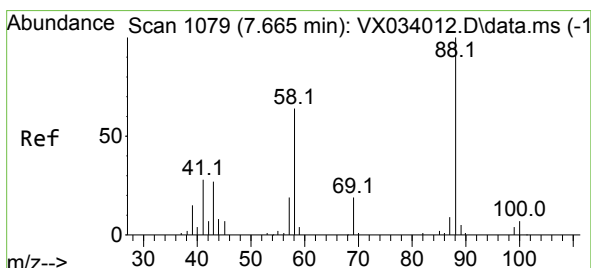
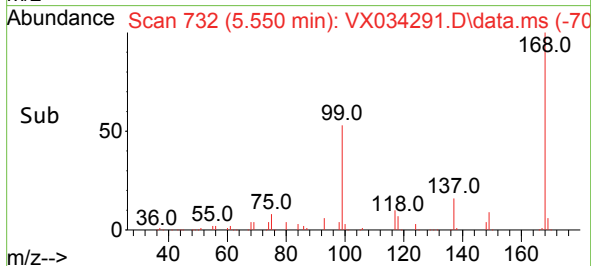
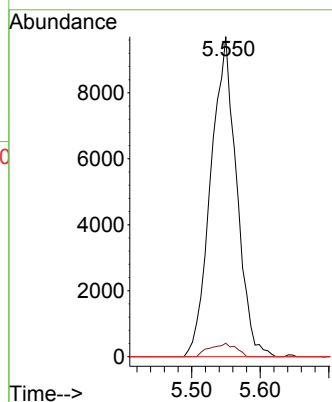


#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

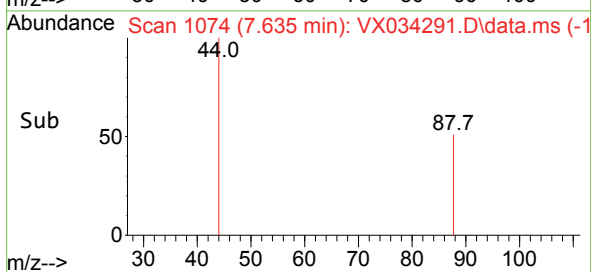
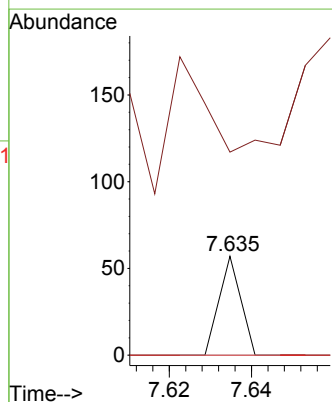
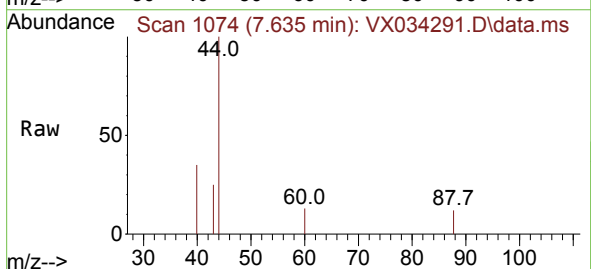


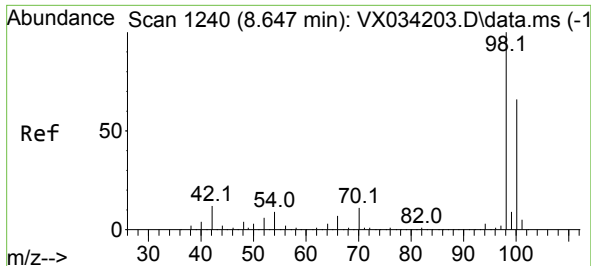
Tgt Ion:117 Resp: 25355
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.260 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.018 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 271.4 0.0 0.0#
58 0.0 56.5 84.7#

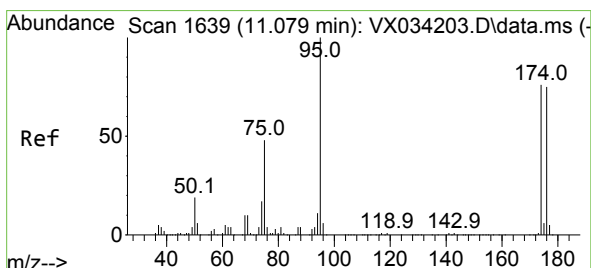
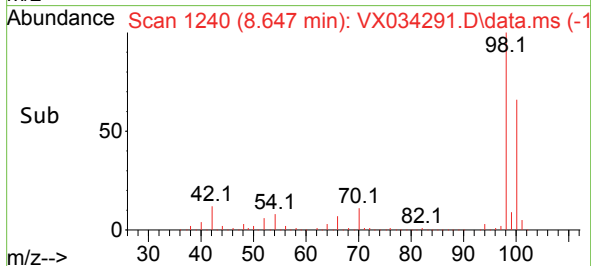
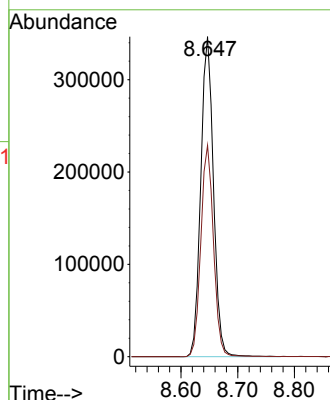
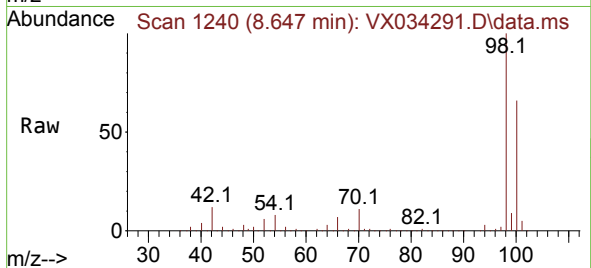




#50
Toluene-d8
Concen: 51.247 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

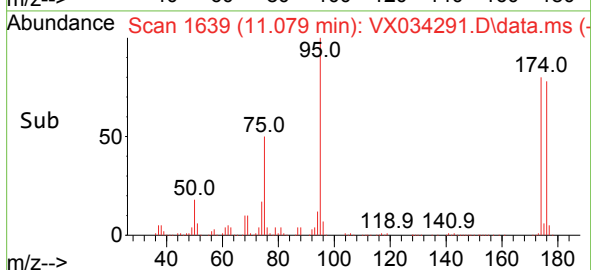
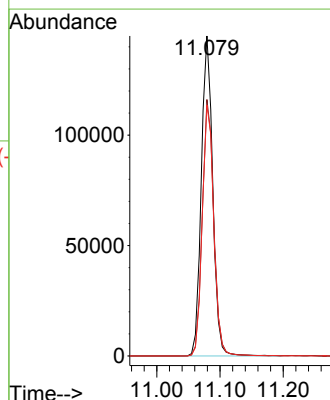
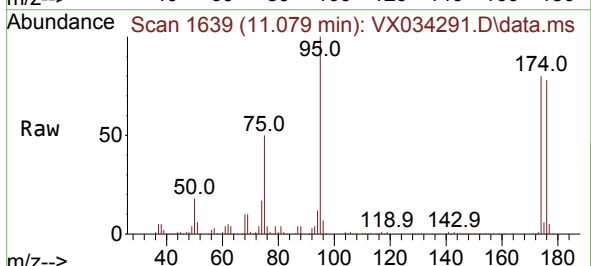
Instrument :
MSVOA_X
ClientSampleId :

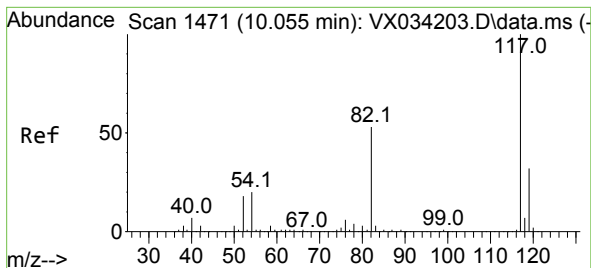
Tgt Ion: 98 Resp: 537905
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 95 Resp: 182247
Ion Ratio Lower Upper
95 100
174 80.6 0.0 184.4
176 79.4 0.0 178.8

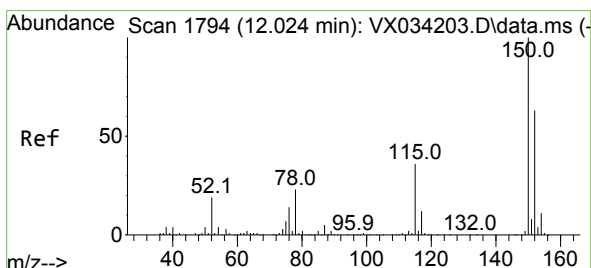
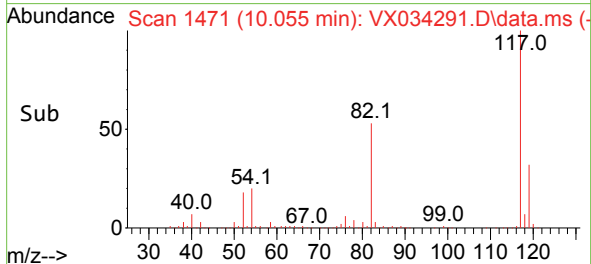
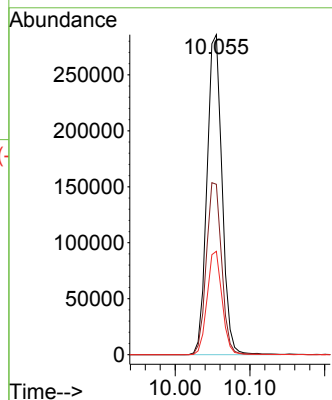
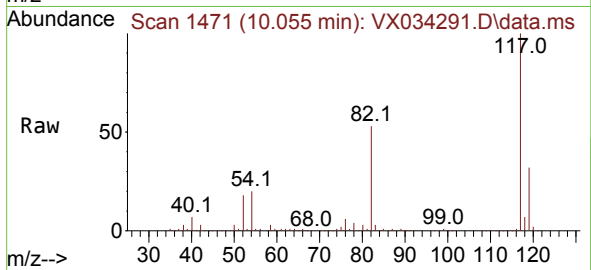




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

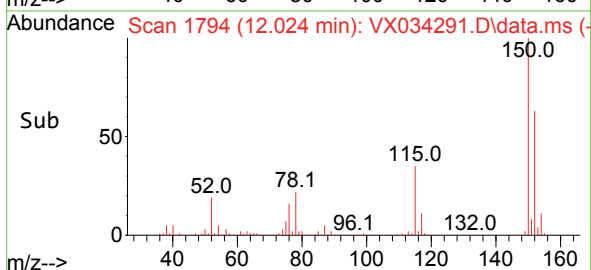
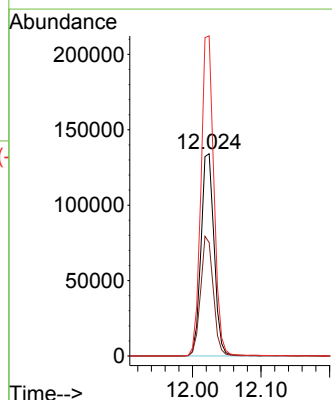
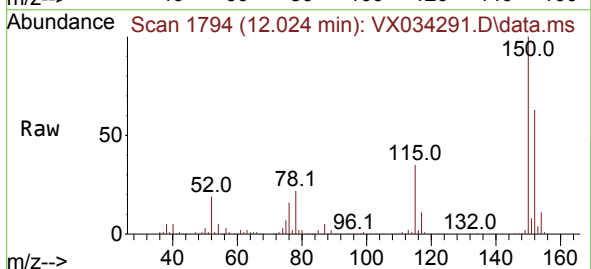
Instrument :
MSVOA_X
ClientSampleId :

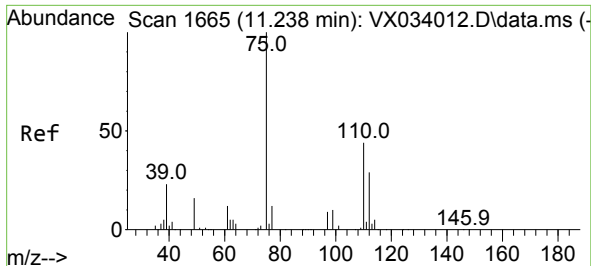
Tgt Ion:117 Resp: 400032
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion:152 Resp: 179057
Ion Ratio Lower Upper
152 100
115 57.4 38.7 116.1
150 156.4 0.0 348.2

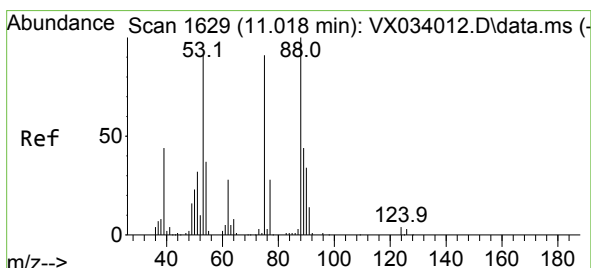
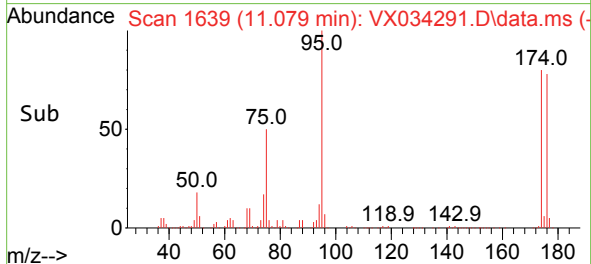
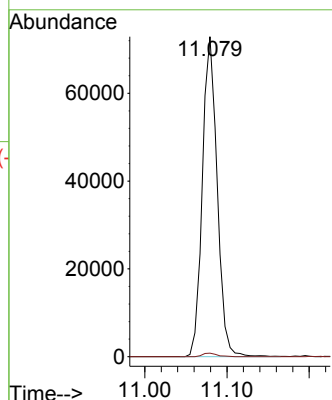
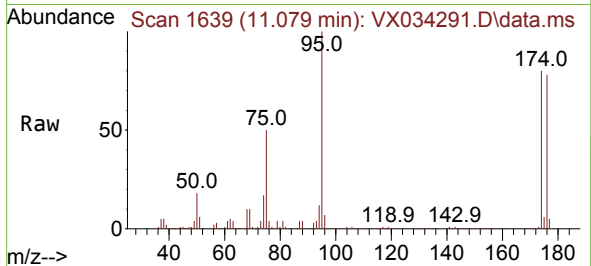




#76
1,2,3-Trichloropropane
Concen: 20.230 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91150
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034291.D
Acq: 01 Mar 2023 15:53

Tgt Ion: 75 Resp: 91150
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

