

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034328.D
 Acq On : 03 Mar 2023 17:21
 Operator : JC/MD
 Sample : 01813-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 22:15:33 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	5.556	168	268607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163705	45.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.385	113	139813	48.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	540943	51.754	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	186052	46.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%

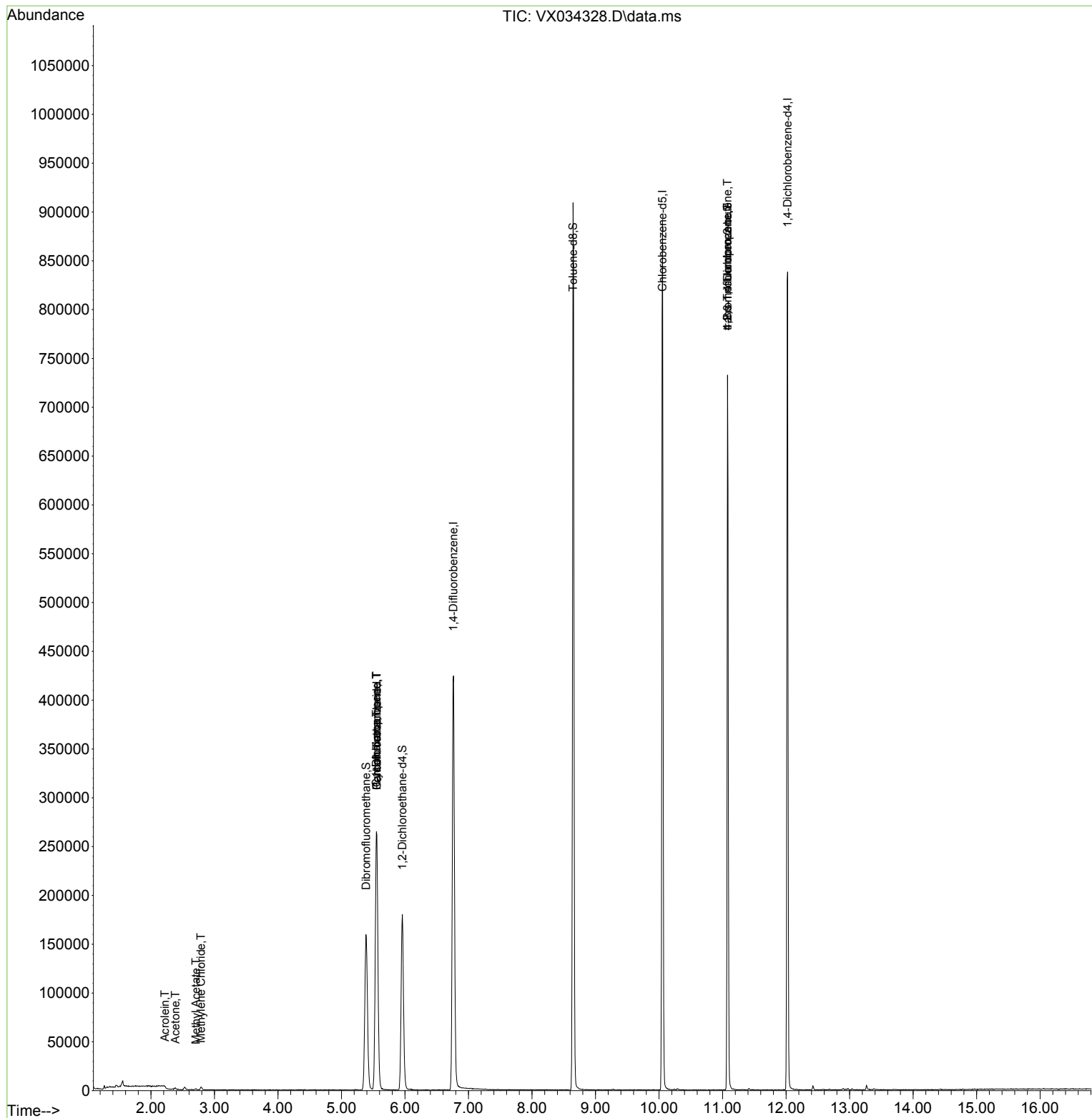
Target Compounds				Qvalue		
5) Bromomethane	1.599	94	50	Below Cal	#	3
13) Acrolein	2.221	56	103	0.279	ug/l #	14
16) Acetone	2.386	43	2441	1.308	ug/l #	88
18) Methyl Acetate	2.709	43	1522	0.264	ug/l #	81
20) Methylene Chloride	2.788	84	1295	0.385	ug/l	90
31) Cyclohexane	5.550	56	5382	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19936	4.630	ug/l #	48
38) Carbon Tetrachloride	5.556	117	25388	5.731	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	95337	20.982	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95337	53.901	ug/l #	8

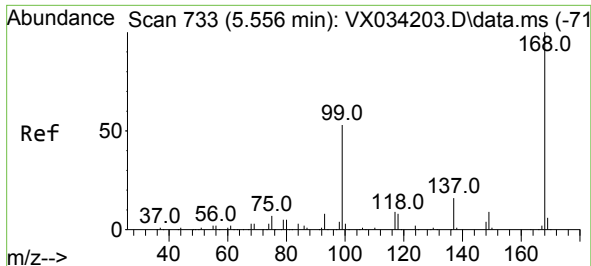
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
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Quant Time: Mar 03 22:15:33 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

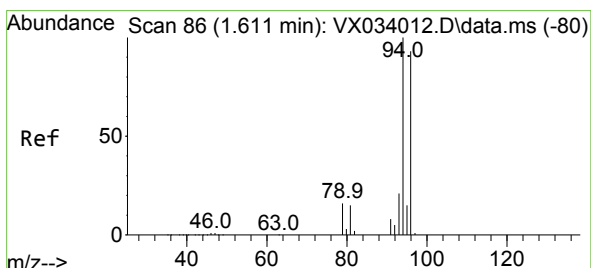
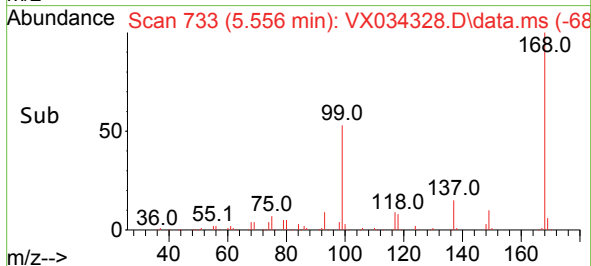
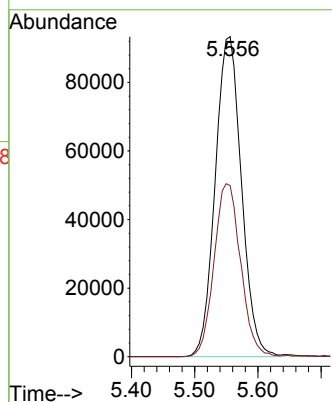
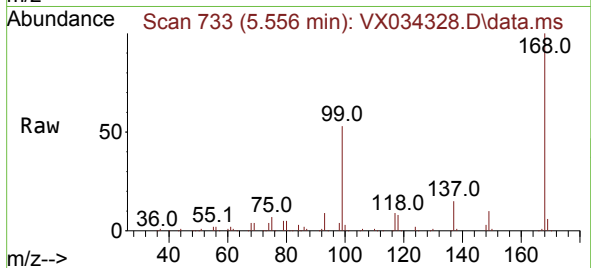




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

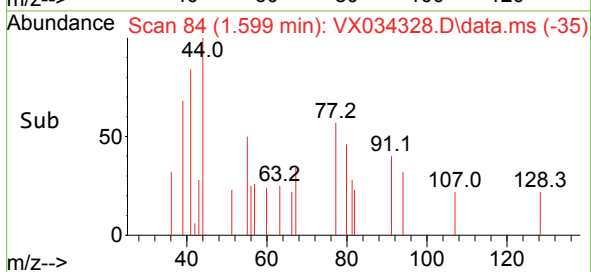
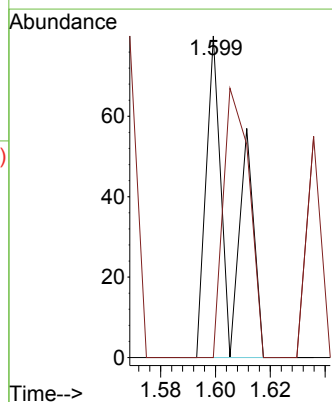
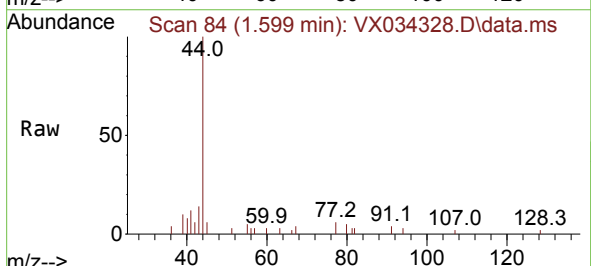
Instrument :
MSVOA_X
ClientSampleId :

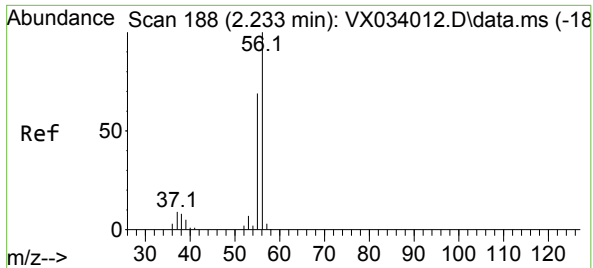
Tgt Ion:168 Resp: 268607
Ion Ratio Lower Upper
168 100
99 53.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#

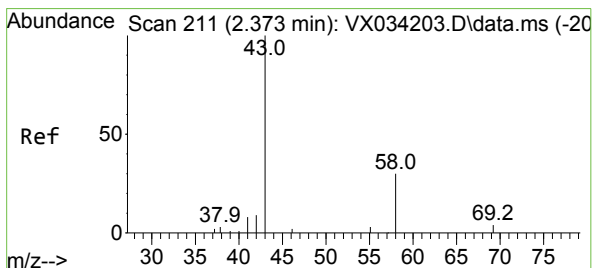
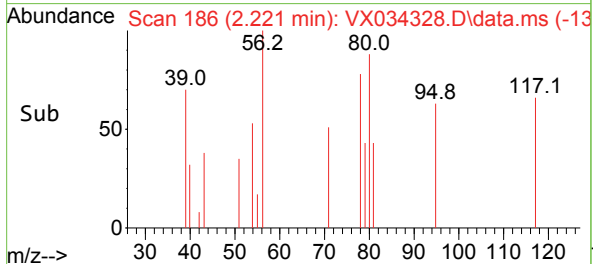
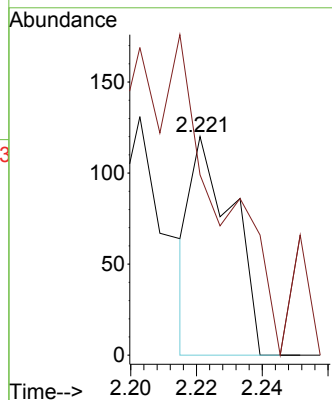
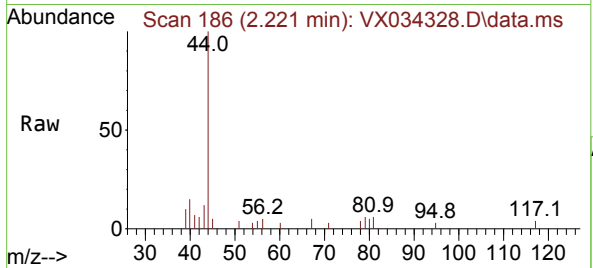




#13
Acrolein
Concen: 0.279 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

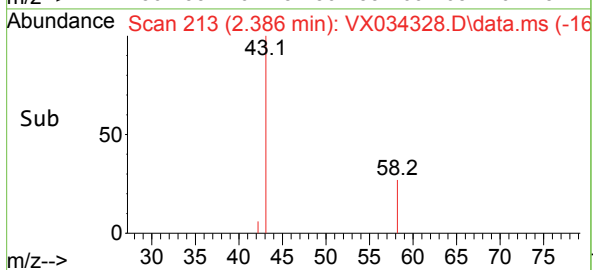
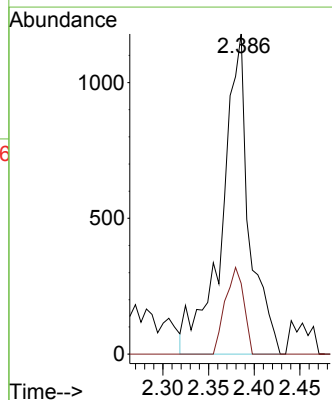
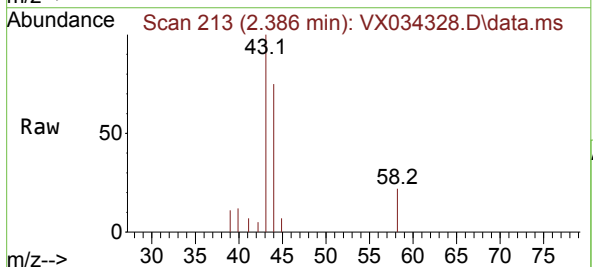
Instrument :
MSVOA_X
ClientSampleId :

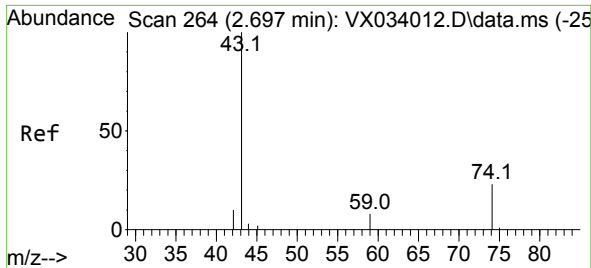
Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 1.308 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 43 Resp: 2441
Ion Ratio Lower Upper
43 100
58 22.1 22.6 33.8#

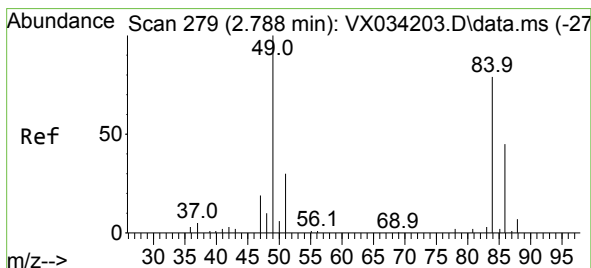
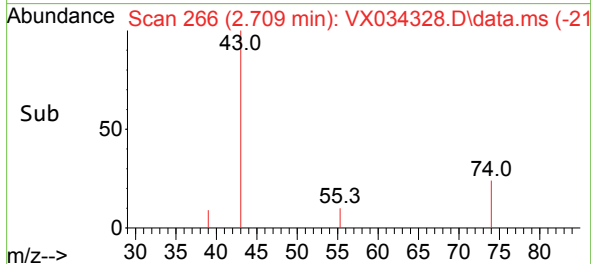
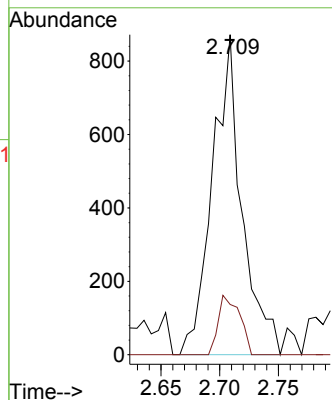
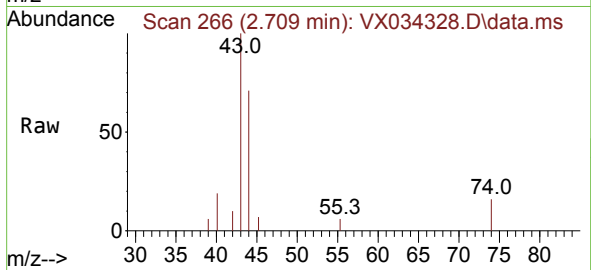




#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

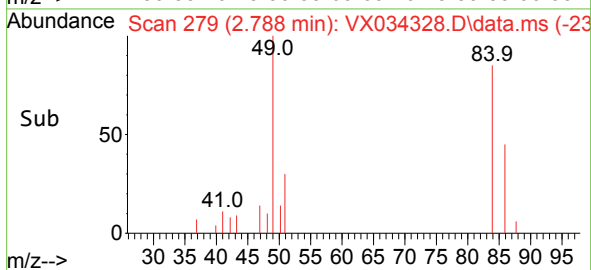
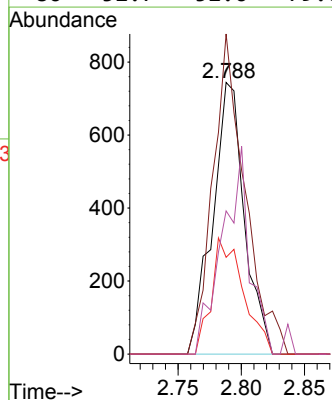
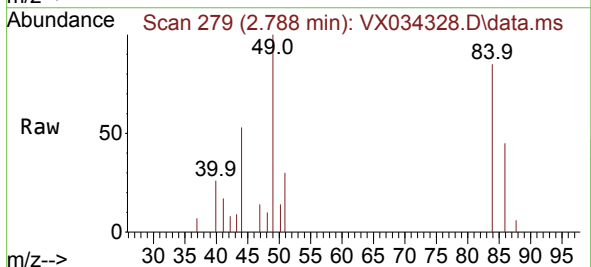
Instrument :
MSVOA_X
ClientSampleId :

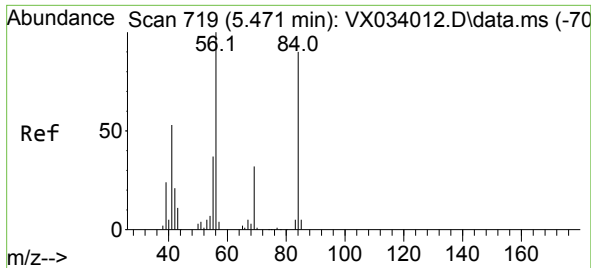
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 13.5 18.2 27.4#



#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

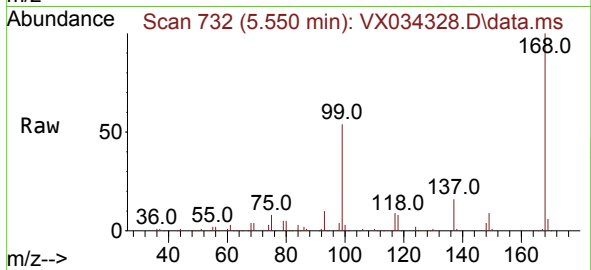
Tgt Ion: 84 Resp: 1295
Ion Ratio Lower Upper
84 100
49 117.9 101.1 151.7
51 35.6 31.0 46.6
86 52.7 52.6 79.0



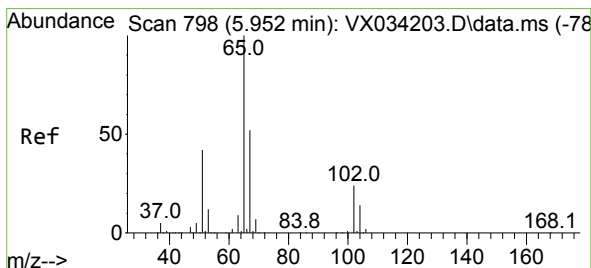
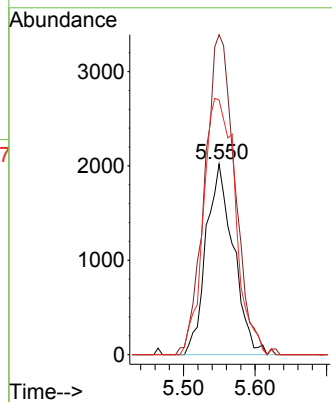
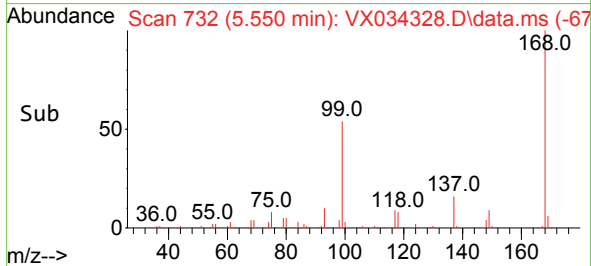


#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :

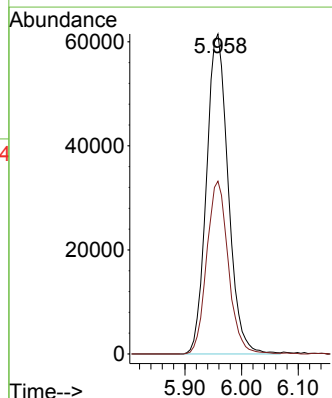
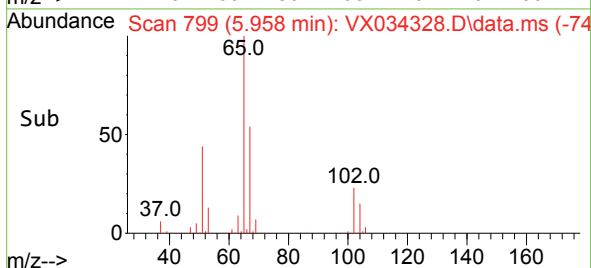
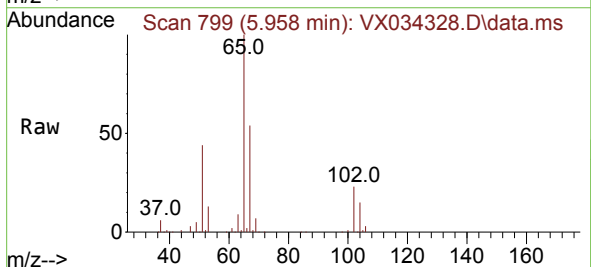


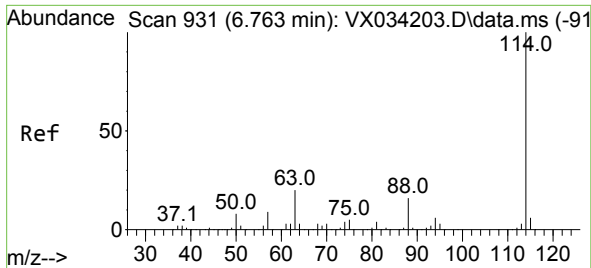
Tgt Ion: 56 Resp: 5382
Ion Ratio Lower Upper
56 100
69 168.0 24.6 37.0#
84 133.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.254 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 65 Resp: 163705
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

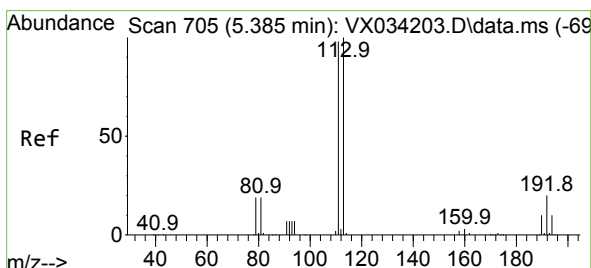
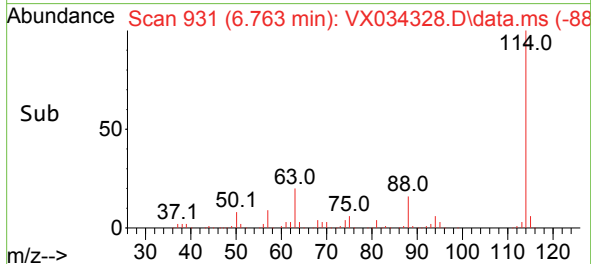
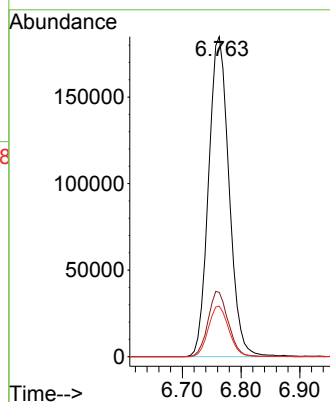
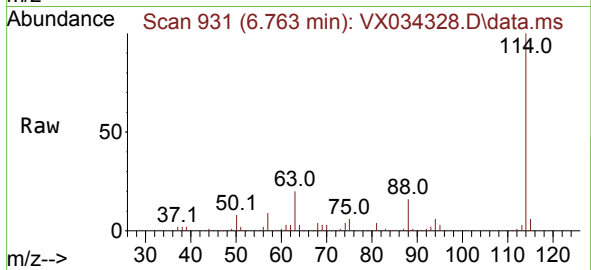




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

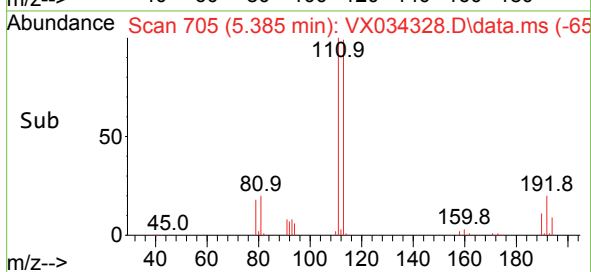
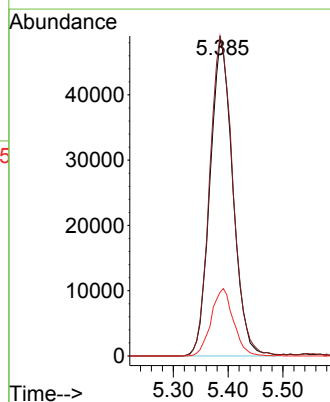
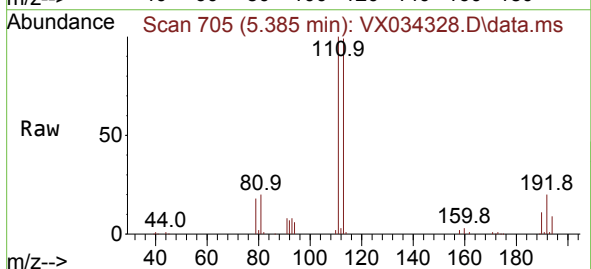
Instrument :
MSVOA_X
ClientSampleId :

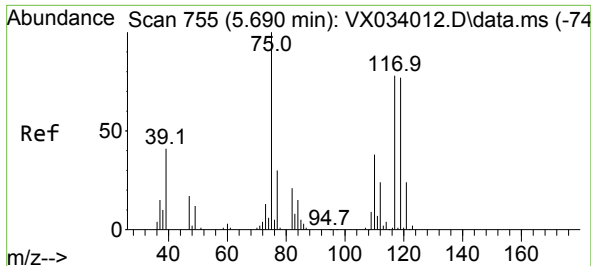
Tgt Ion:114 Resp: 447121
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.026 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

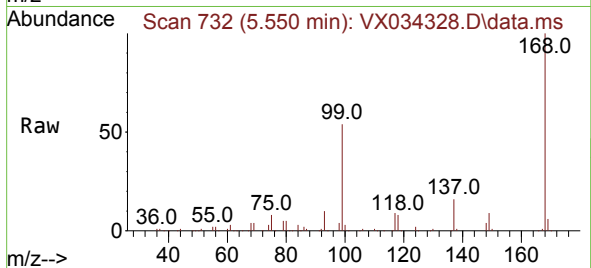
Tgt Ion:113 Resp: 139813
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 20.8 19.0 28.4



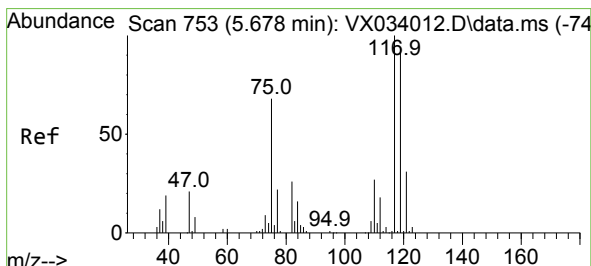
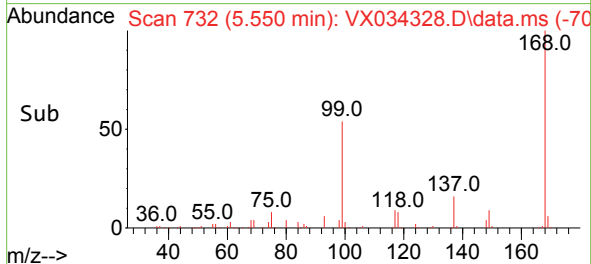
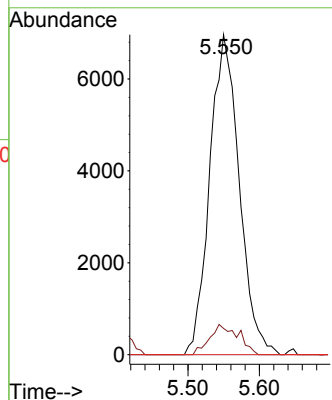


#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :

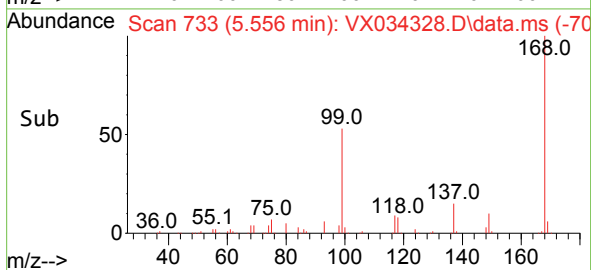
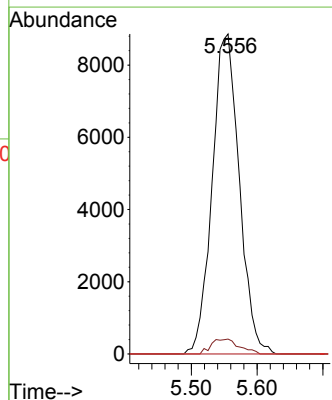
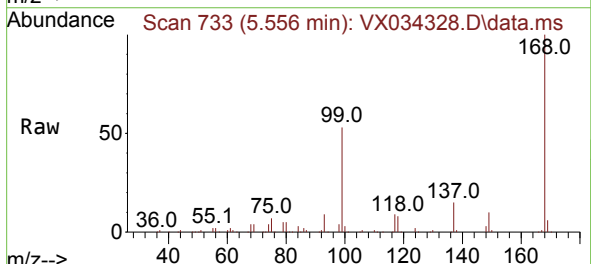


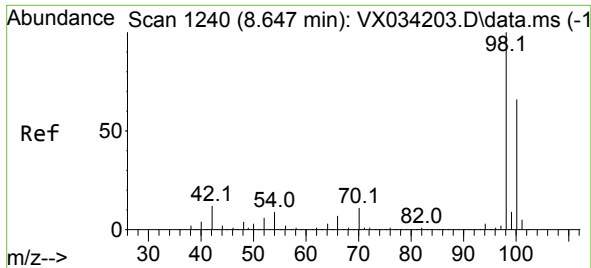
Tgt Ion: 75 Resp: 19936
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 117 Resp: 25388
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#

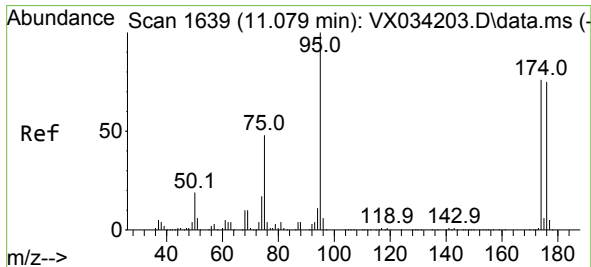
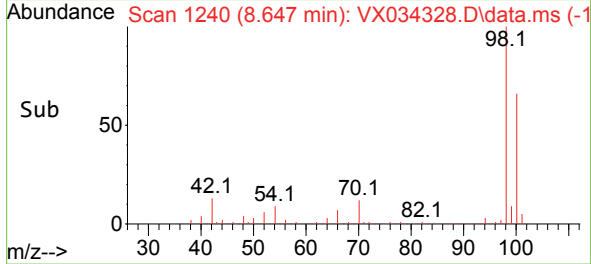
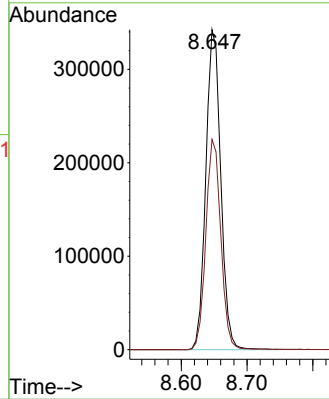
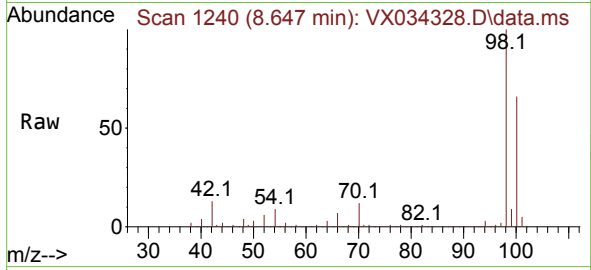




#50
Toluene-d8
Concen: 51.754 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

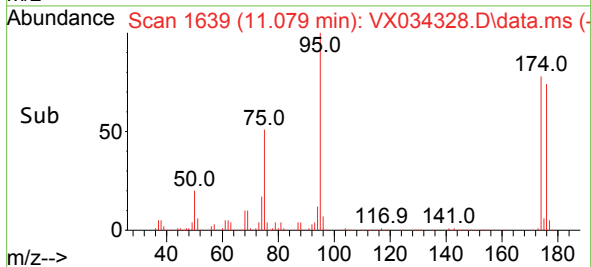
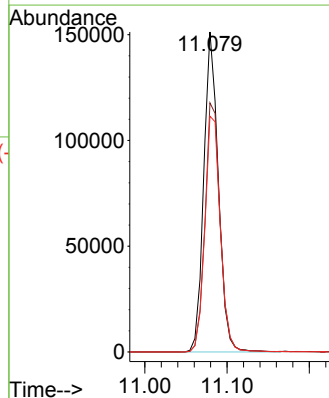
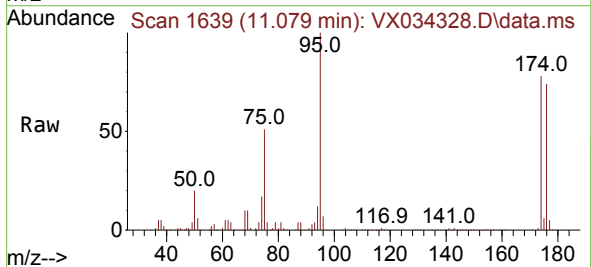
Instrument :
MSVOA_X
ClientSampleId :

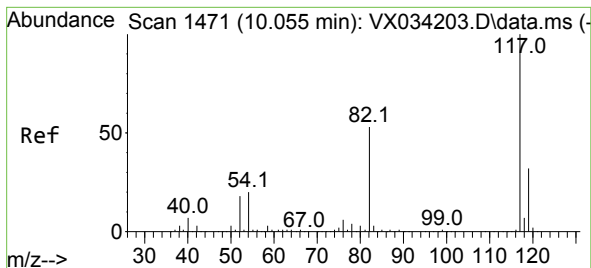
Tgt Ion: 98 Resp: 540943
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

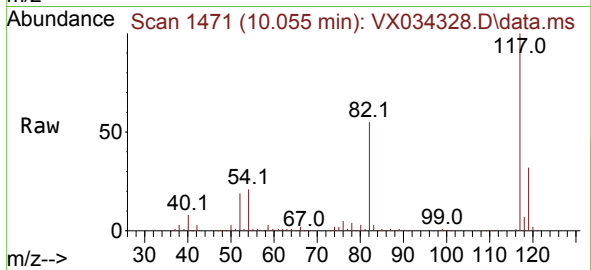
Tgt Ion: 95 Resp: 186052
Ion Ratio Lower Upper
95 100
174 81.5 0.0 184.4
176 78.4 0.0 178.8



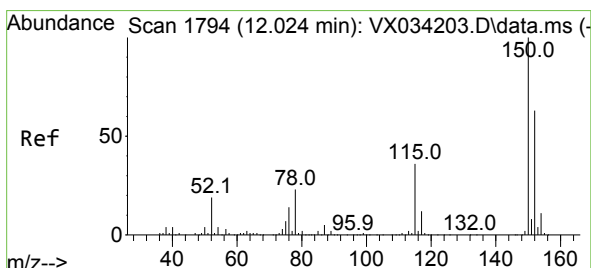
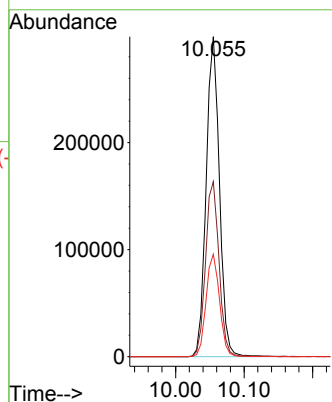
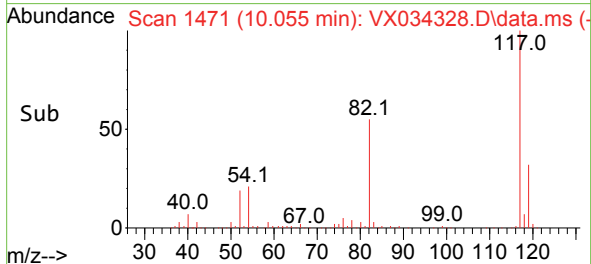


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

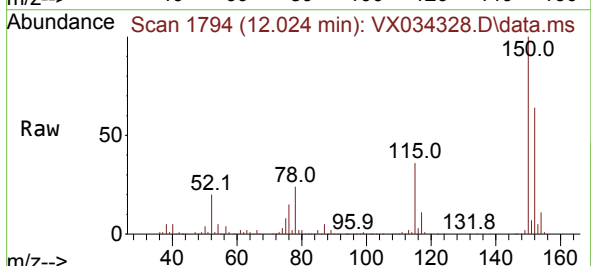
Instrument :
MSVOA_X
ClientSampleId :



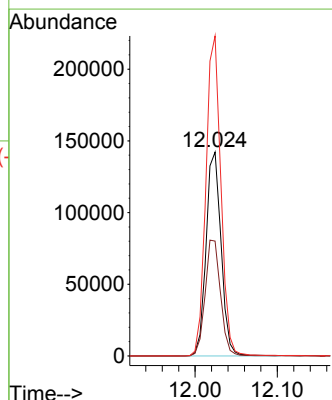
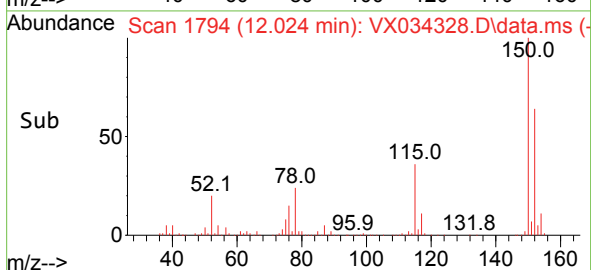
Tgt Ion:117 Resp: 402487
Ion Ratio Lower Upper
117 100
82 54.7 40.6 60.8
119 32.0 25.6 38.4

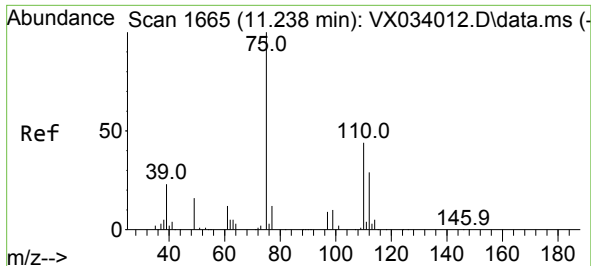


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21



Tgt Ion:152 Resp: 180573
Ion Ratio Lower Upper
152 100
115 58.3 38.7 116.1
150 156.4 0.0 348.2

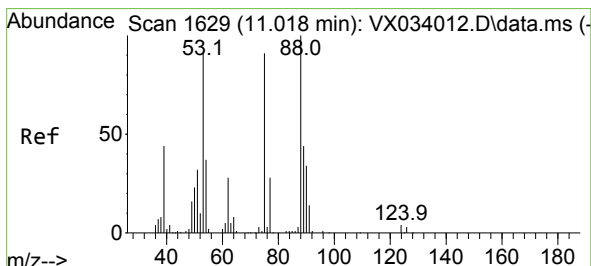
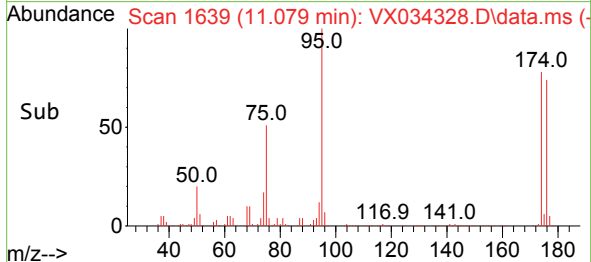
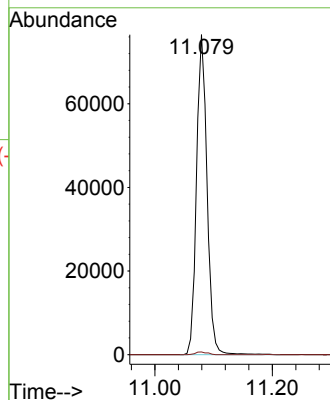
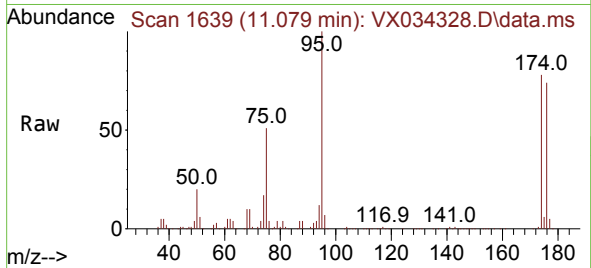




#76
1,2,3-Trichloropropane
Concen: 20.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95337
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 75 Resp: 95337
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

