

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034734.D
 Acq On : 24 Mar 2023 20:21
 Operator : JC/MD
 Sample : 02080-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:36:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	308179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	524229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	219612	48.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.385	113	165838	47.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.647	98	620033	47.987	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	237298	45.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%

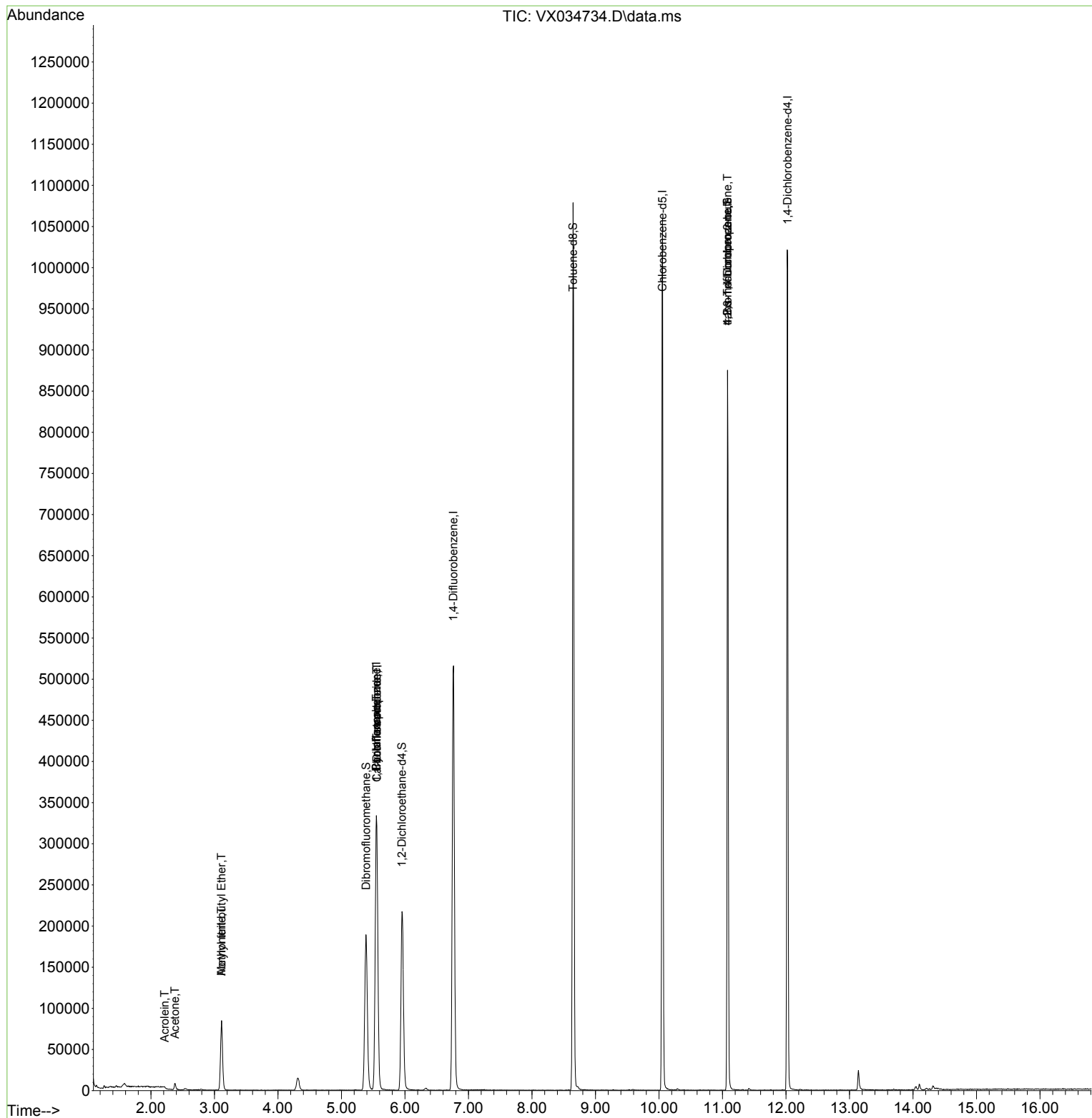
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	387	Below Cal	#	78
13) Acrolein	2.215	56	316	0.428	ug/l #	58
15) Acrylonitrile	3.111	53	1066	0.529	ug/l #	32
16) Acetone	2.380	43	8734	4.136	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	90027	7.453	ug/l	97
31) Cyclohexane	5.550	56	6899	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26042	4.899	ug/l #	52
38) Carbon Tetrachloride	5.556	117	32953	6.231	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	122562	25.310	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	122562	68.471	ug/l #	8

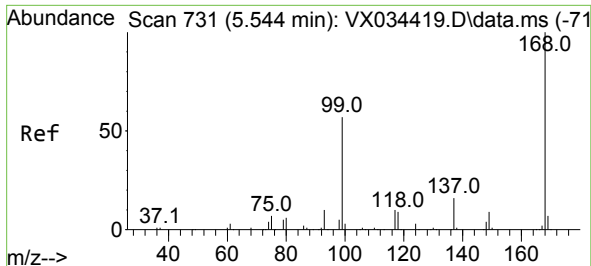
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
Data File : VX034734.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

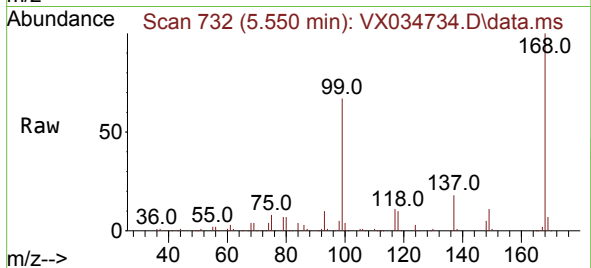
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



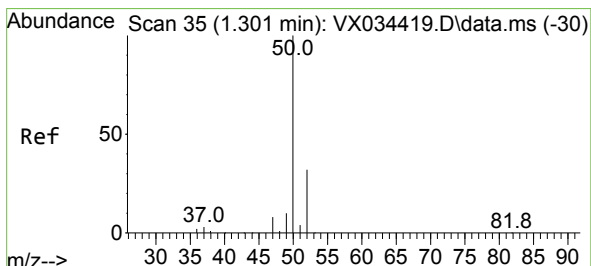
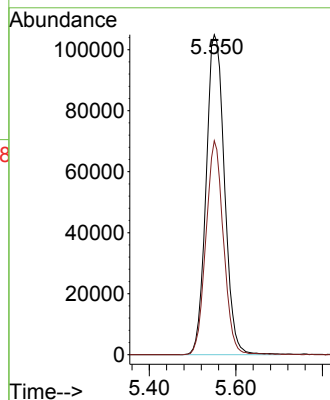
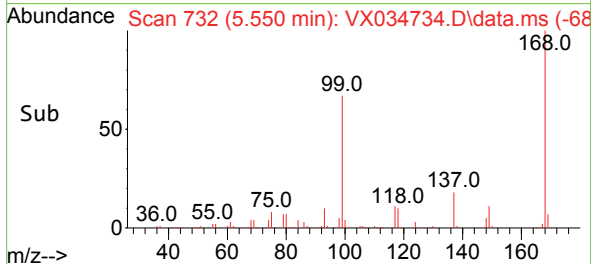


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :

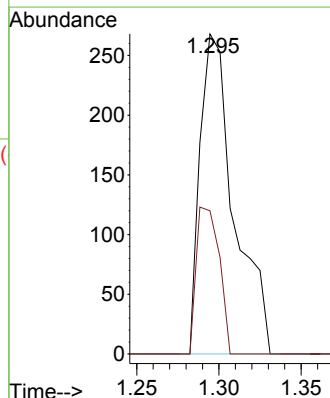
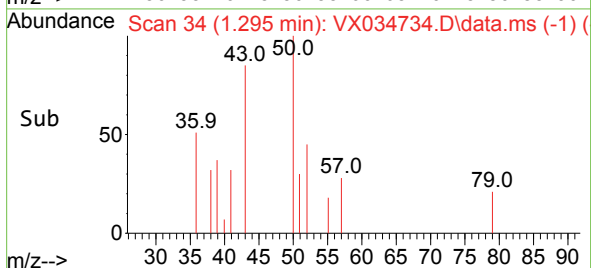
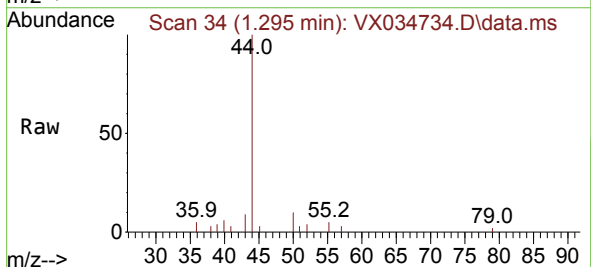


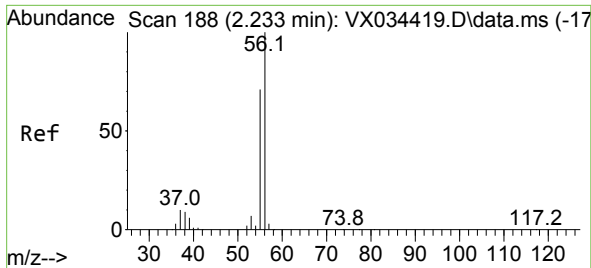
Tgt Ion:168 Resp: 308179
Ion Ratio Lower Upper
168 100
99 66.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 44.8 25.9 38.9#

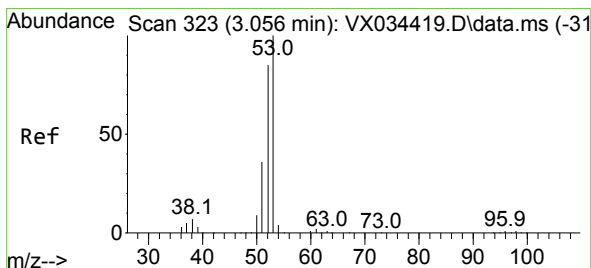
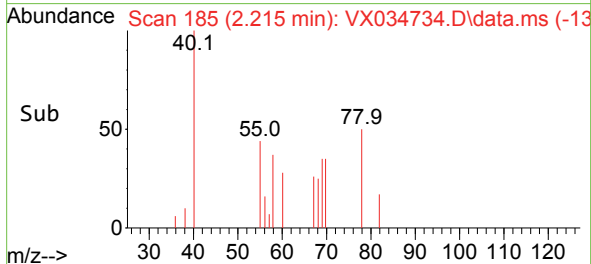
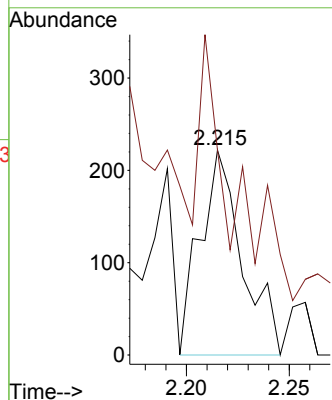
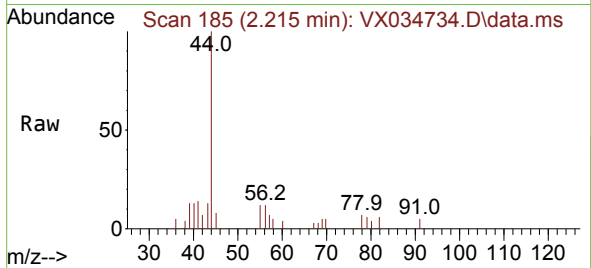




#13
Acrolein
Concen: 0.428 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

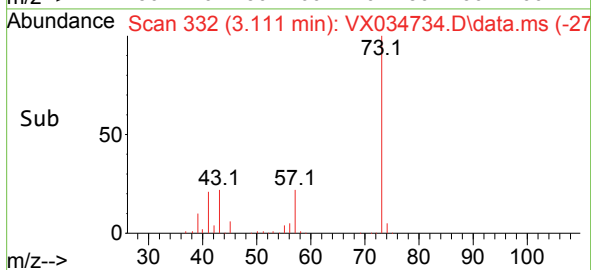
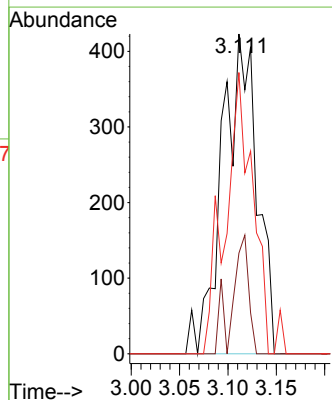
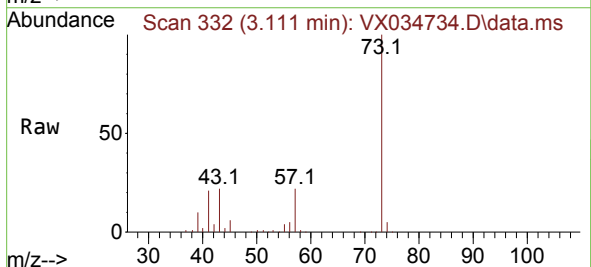
Instrument :
MSVOA_X
ClientSampleId :

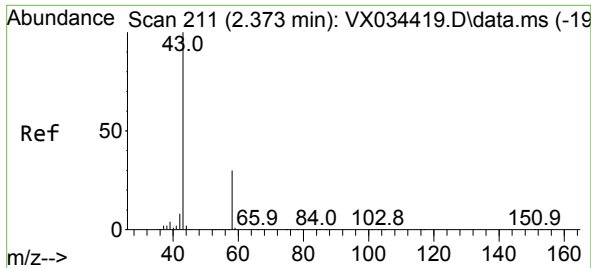
Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 105.7 56.6 85.0#



#15
Acrylonitrile
Concen: 0.529 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.055 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 53 Resp: 1066
Ion Ratio Lower Upper
53 100
52 17.5 66.2 99.2#
51 68.6 28.3 42.5#

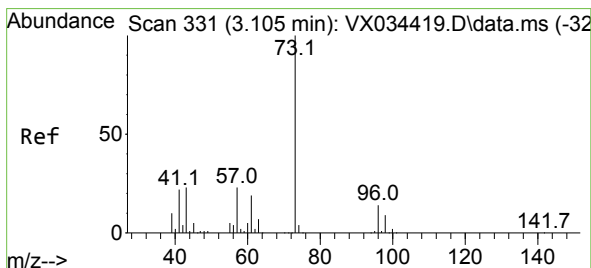
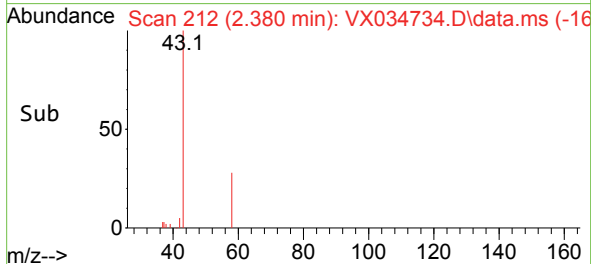
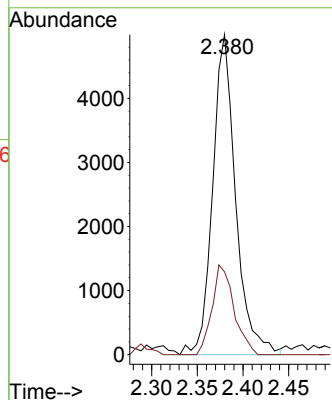
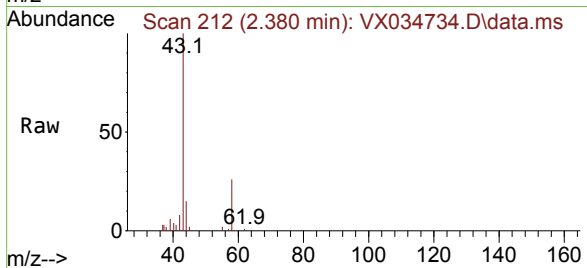




#16
 Acetone
 Concen: 4.136 ug/l
 RT: 2.380 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VX034734.D
 Acq: 24 Mar 2023 20:21

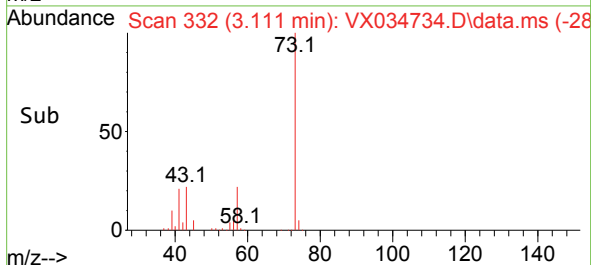
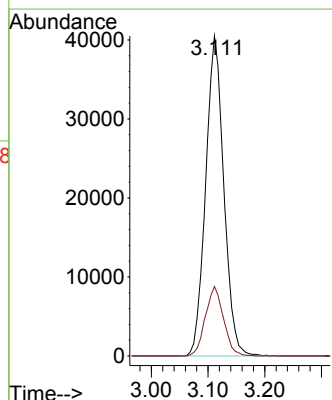
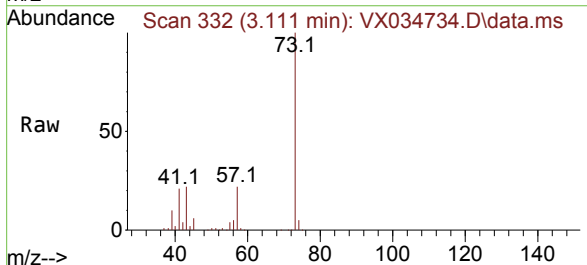
Instrument :
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 ClientSampleId :

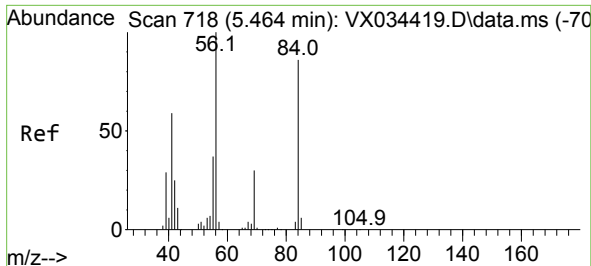
Tgt Ion: 43 Resp: 8734
 Ion Ratio Lower Upper
 43 100
 58 25.9 24.7 37.1



#19
 Methyl tert-butyl Ether
 Concen: 7.453 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.006 min
 Lab File: VX034734.D
 Acq: 24 Mar 2023 20:21

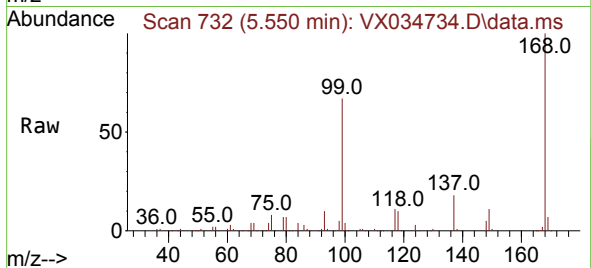
Tgt Ion: 73 Resp: 90027
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.5 27.7



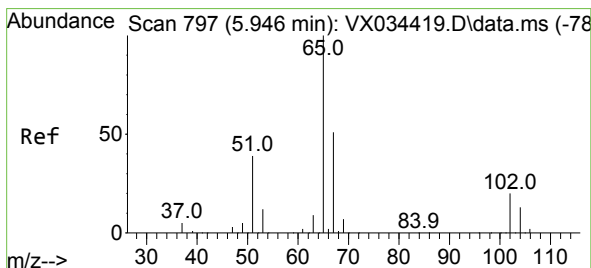
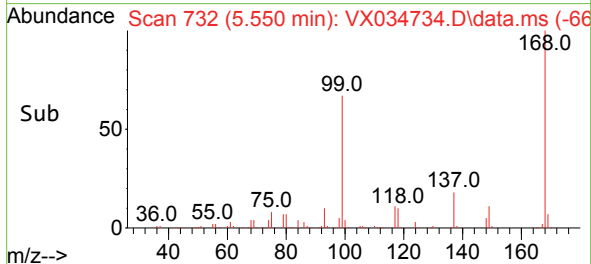
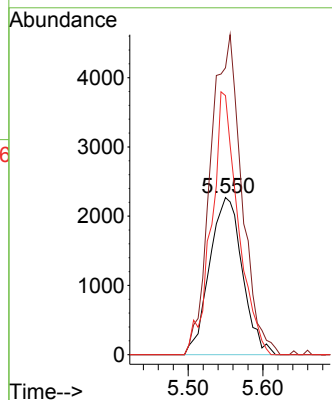


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :

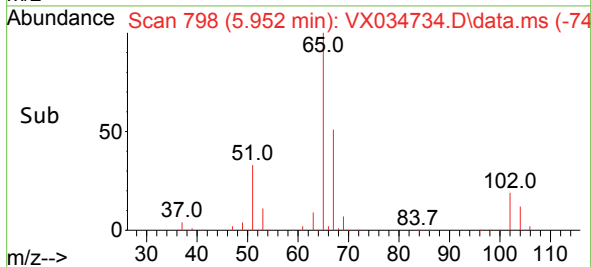
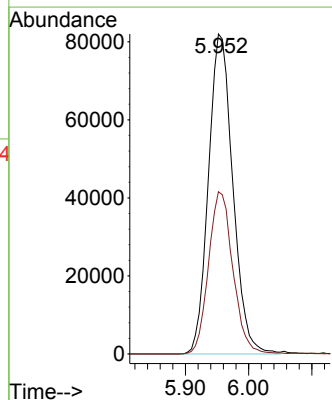
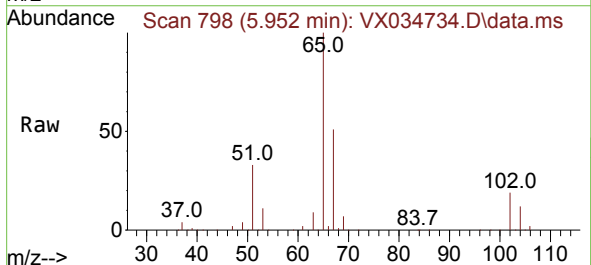


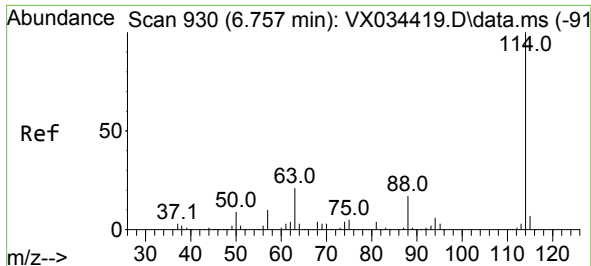
Tgt Ion: 56 Resp: 6899
Ion Ratio Lower Upper
56 100
69 182.7 23.7 35.5#
84 164.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.984 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 65 Resp: 219612
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

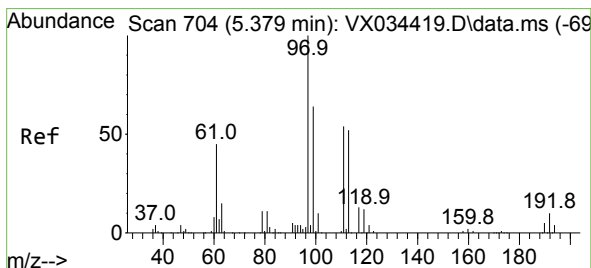
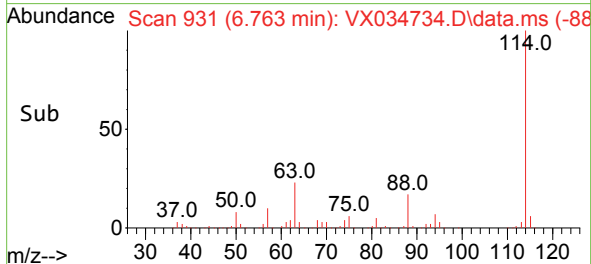
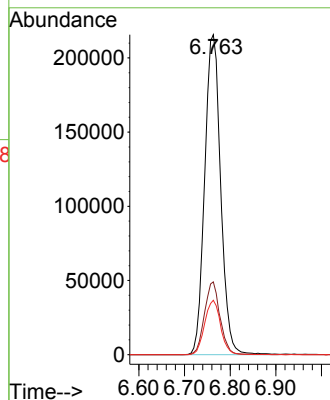
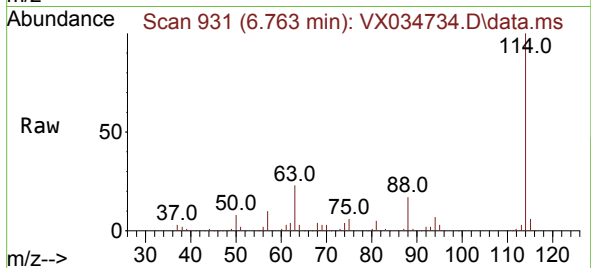




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

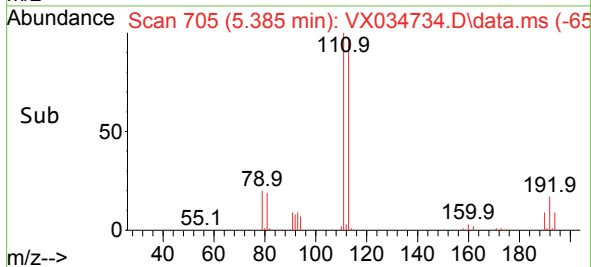
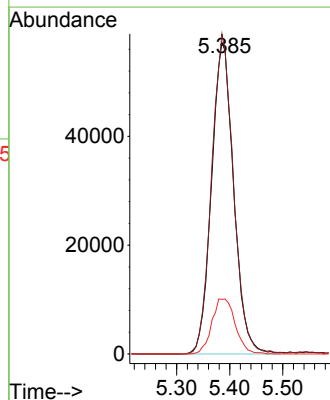
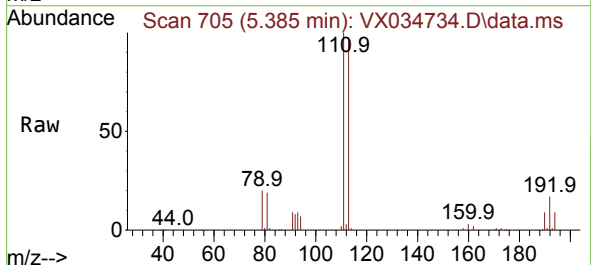
Instrument :
MSVOA_X
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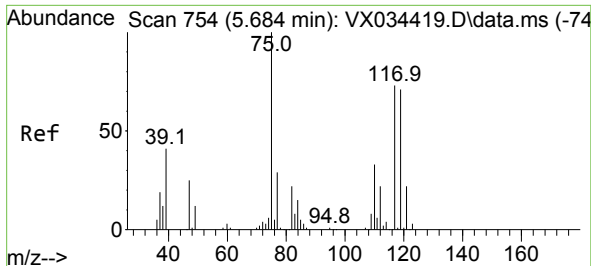
Tgt Ion:114 Resp: 524229
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.913 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

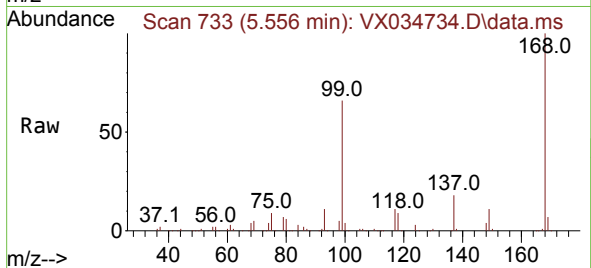
Tgt Ion:113 Resp: 165838
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 18.7 15.4 23.2



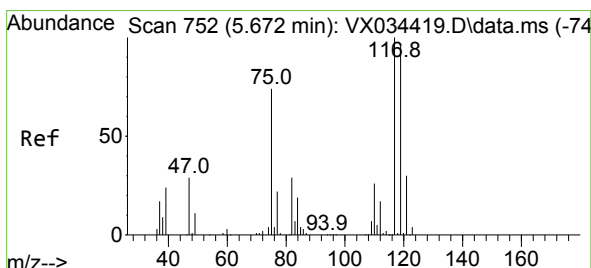
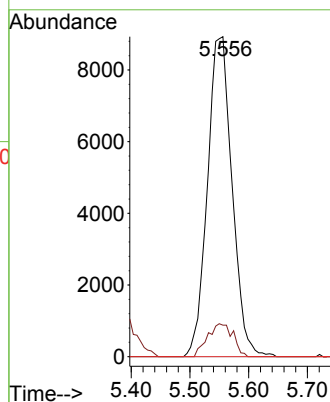
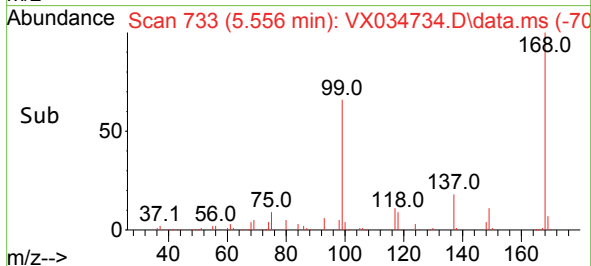


#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :

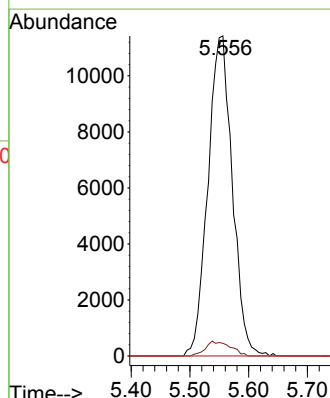
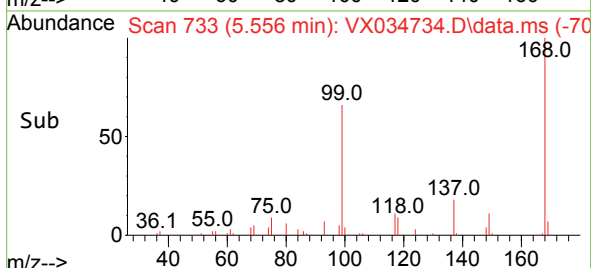
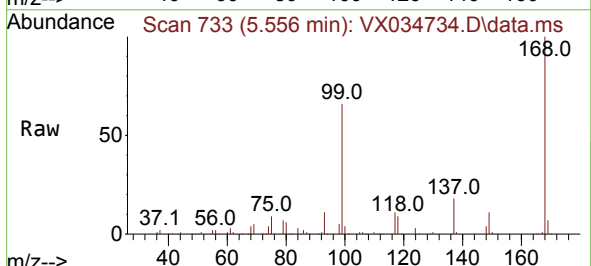


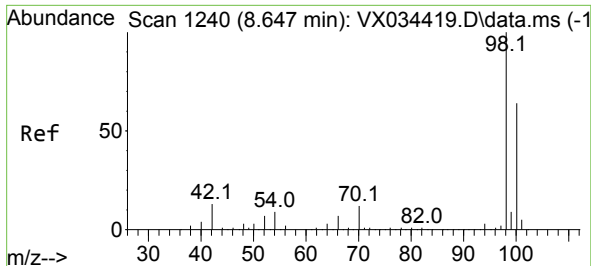
Tgt Ion: 75 Resp: 26042
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 117 Resp: 32953
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

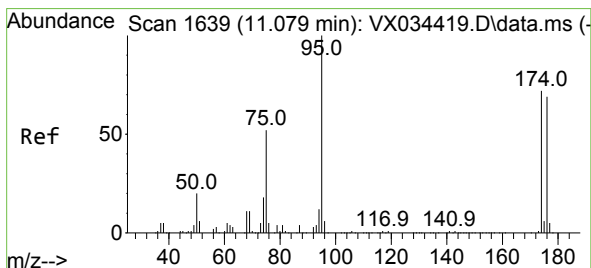
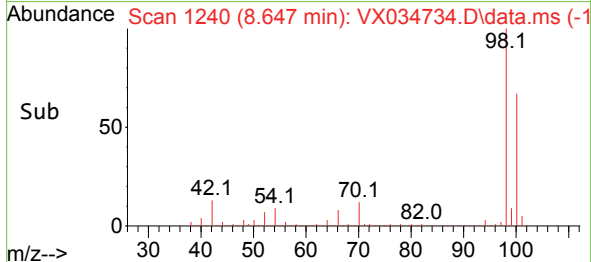
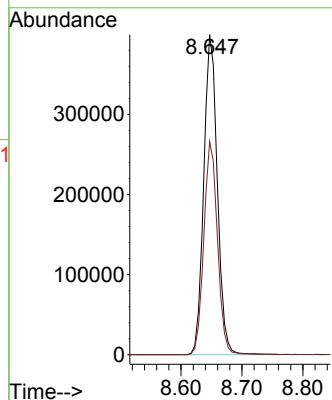
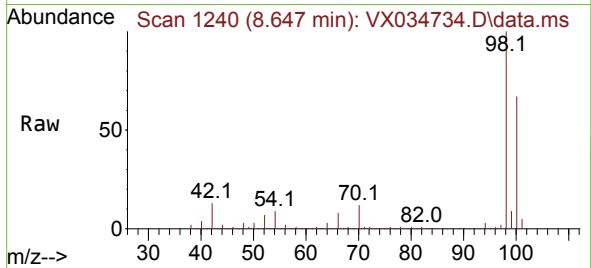




#50
Toluene-d8
Concen: 47.987 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

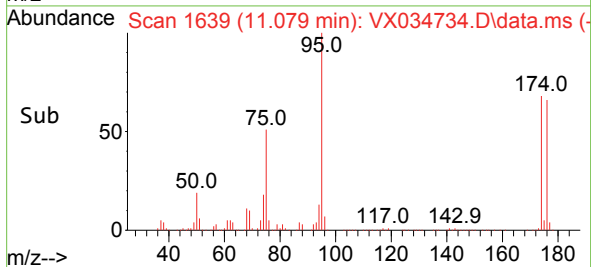
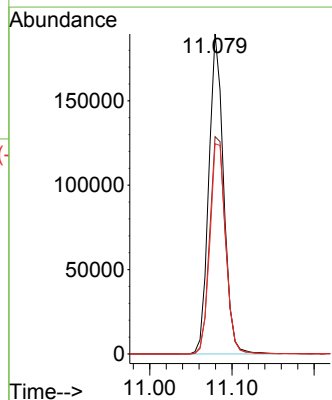
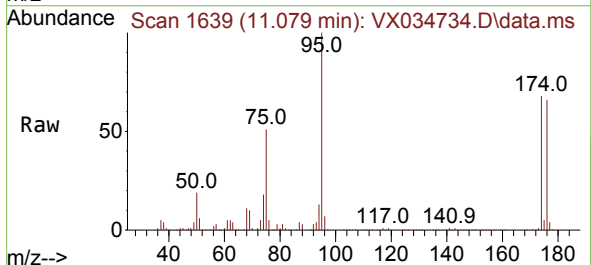
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MSVOA_X
ClientSampleId :

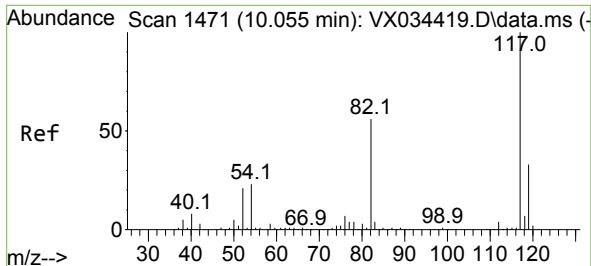
Tgt Ion: 98 Resp: 620033
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 95 Resp: 237298
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 70.4 0.0 140.6

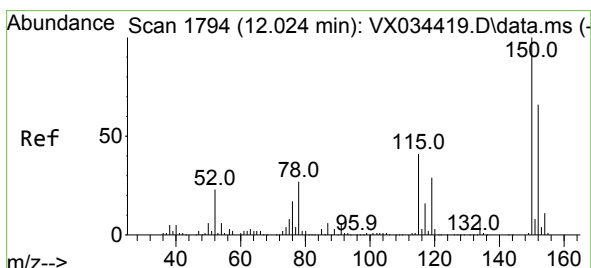
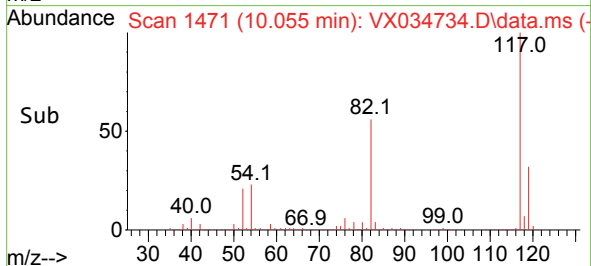
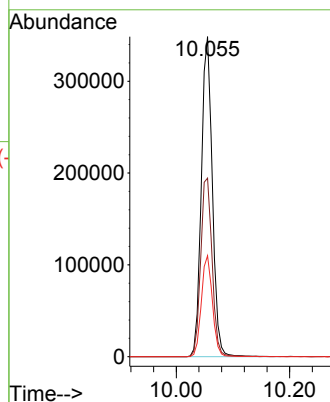
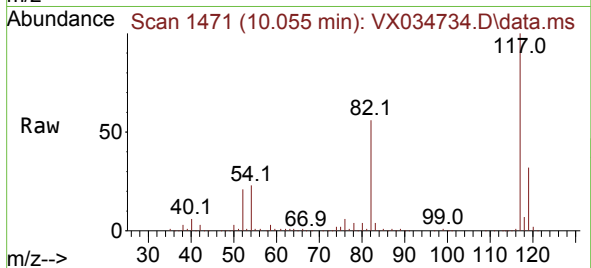




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

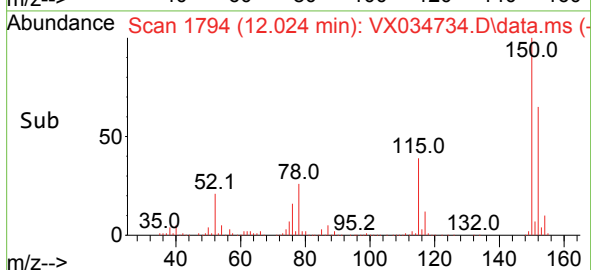
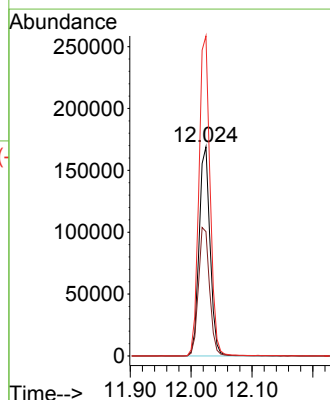
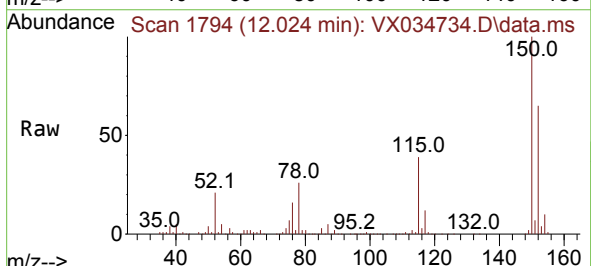
Instrument :
MSVOA_X
ClientSampleId :

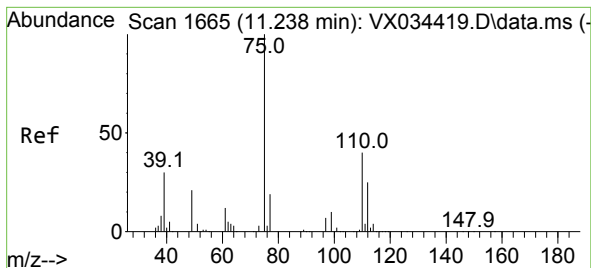
Tgt Ion:117 Resp: 469232
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion:152 Resp: 210898
Ion Ratio Lower Upper
152 100
115 62.5 45.0 135.0
150 155.8 0.0 352.4

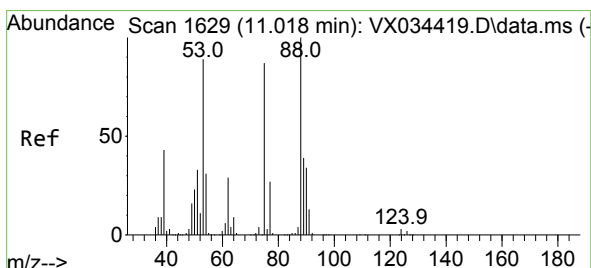
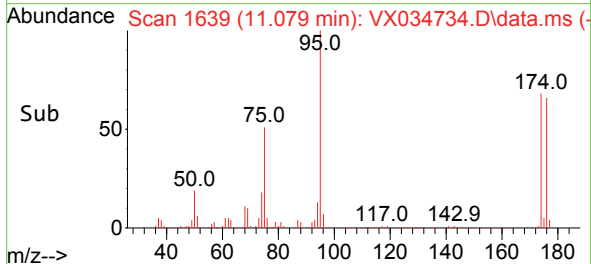
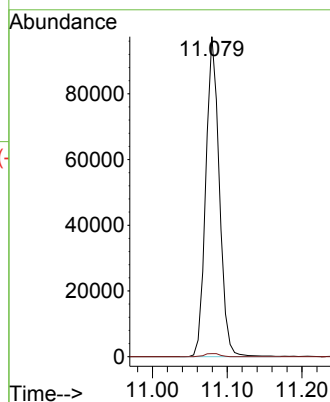
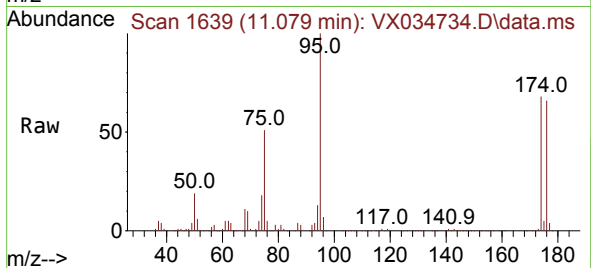




#76
1,2,3-Trichloropropane
Concen: 25.310 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 122562
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 75 Resp: 122562
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

