

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034971.D
 Acq On : 07 Apr 2023 16:09
 Operator : JC/MD
 Sample : VX0407WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL02

Quant Time: Apr 08 00:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	265105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193665	47.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.540%
35) Dibromofluoromethane	5.385	113	142506	47.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.647	98	538675	48.534	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	195590	45.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.080%

Target Compounds					Qvalue	
13) Acrolein	2.239	56	178	0.243	ug/l #	66
16) Acetone	2.392	43	1583	0.961	ug/l	97
17) Carbon Disulfide	2.514	76	1734	0.254	ug/l	99
20) Methylene Chloride	2.788	84	967	0.298	ug/l #	80
31) Cyclohexane	5.556	56	6539	1.325	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	22512	5.053	ug/l #	51
38) Carbon Tetrachloride	5.550	117	28273	6.731	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	103434	30.854	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	103434	92.467	ug/l #	8
94) Hexachlorobutadiene	13.719	225	1536	1.121	ug/l	96

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

Quant Time: Apr 08 00:55:23 2023
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QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

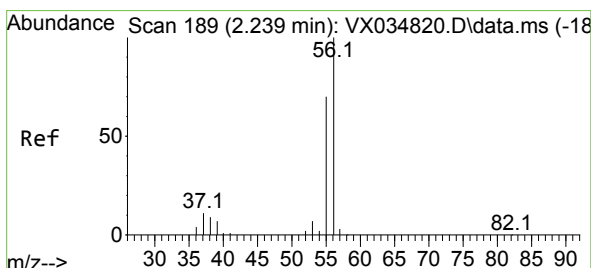
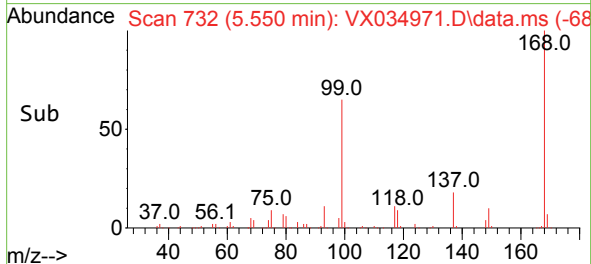
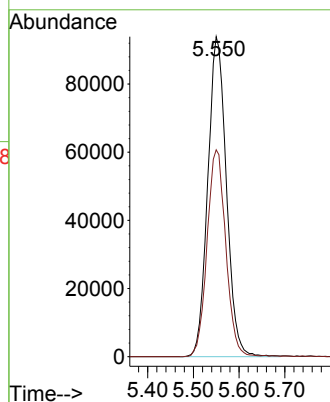
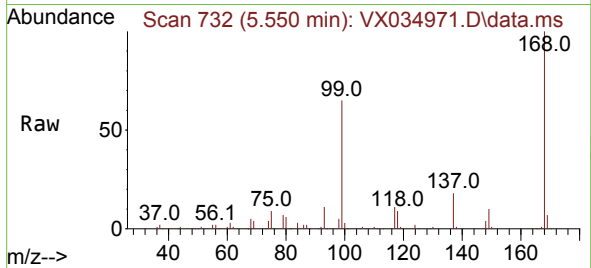




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

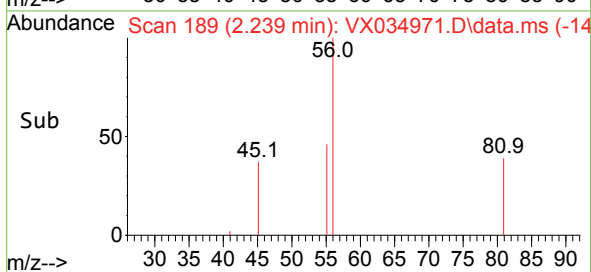
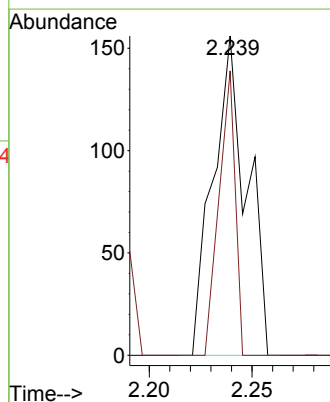
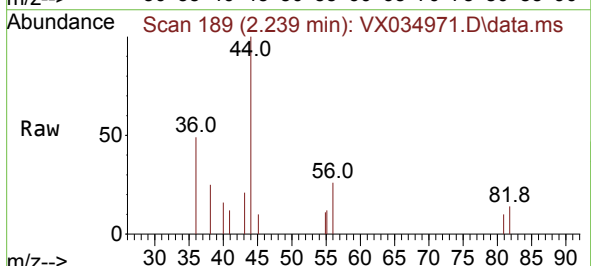
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

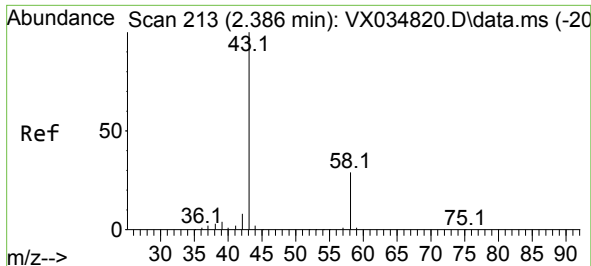
Tgt Ion:168 Resp: 265105
Ion Ratio Lower Upper
168 100
99 64.7 45.7 68.5



#13
Acrolein
Concen: 0.243 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 42.7 56.6 85.0#

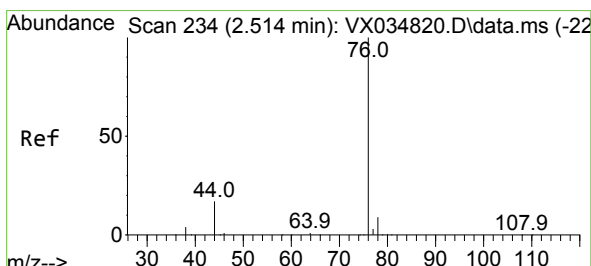
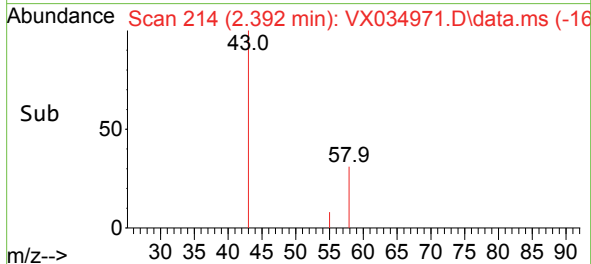
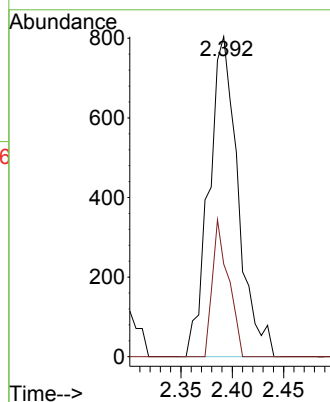
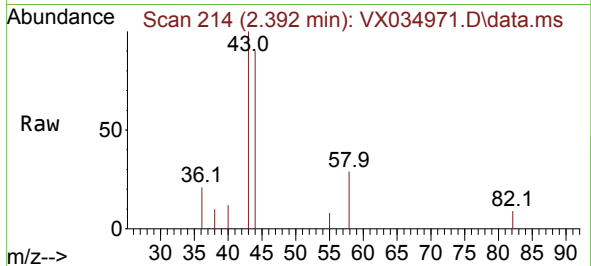




#16
Acetone
Concen: 0.961 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

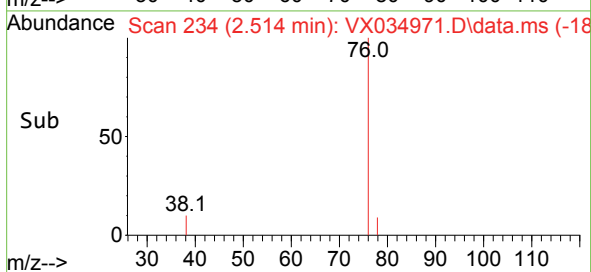
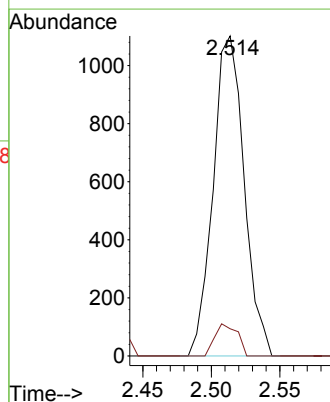
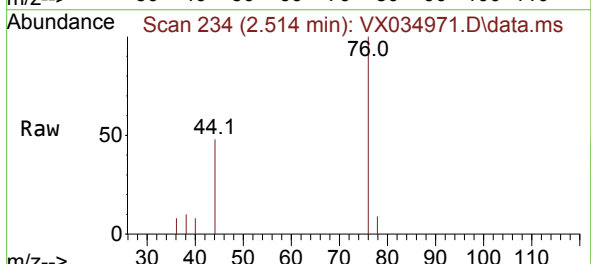
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

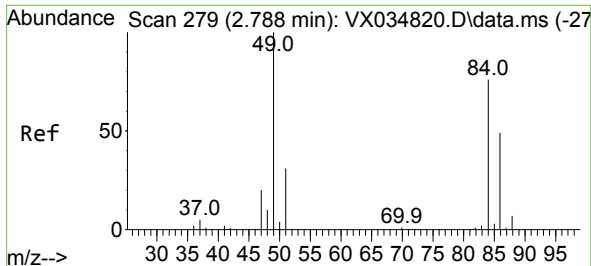
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 29.0 24.7 37.1



#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion: 76 Resp: 1734
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

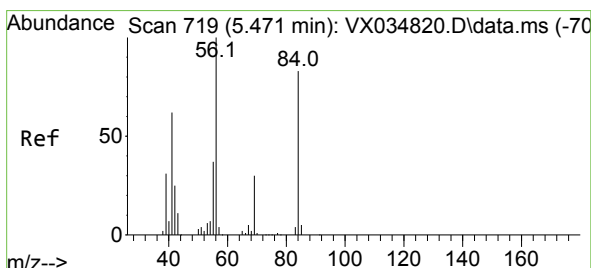
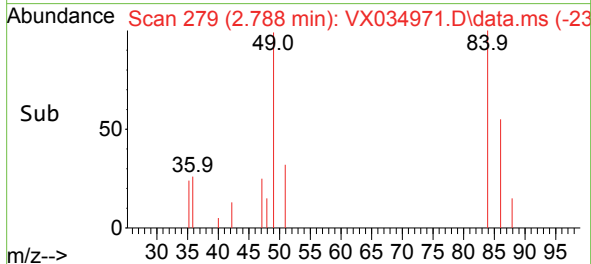
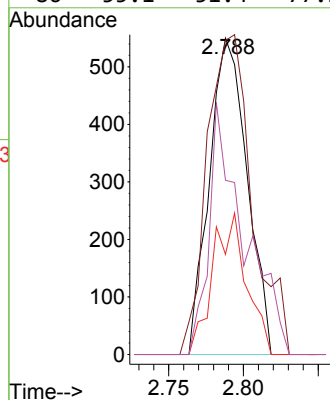
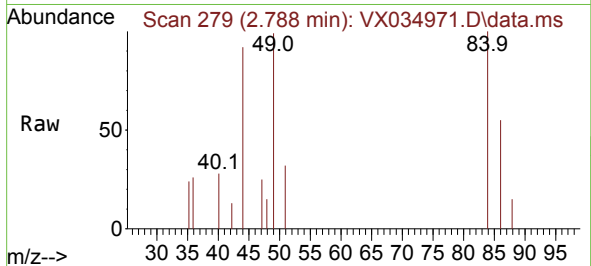




#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

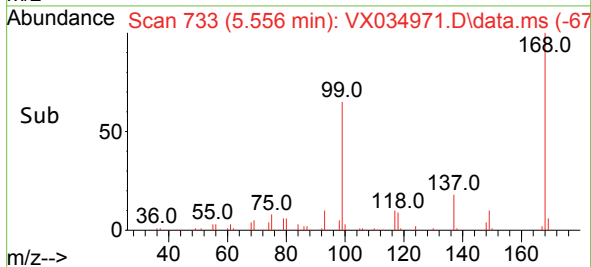
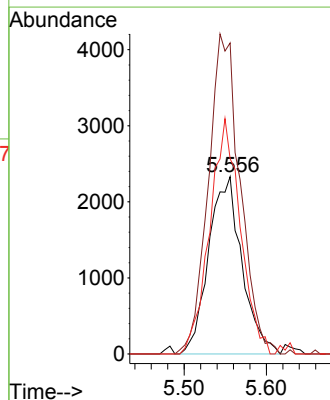
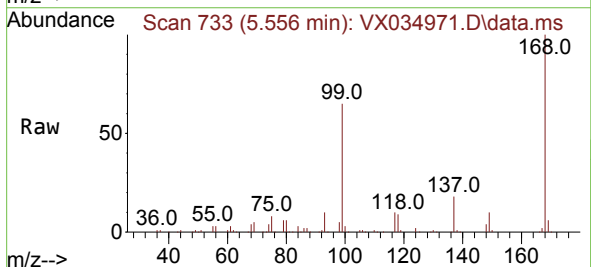
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

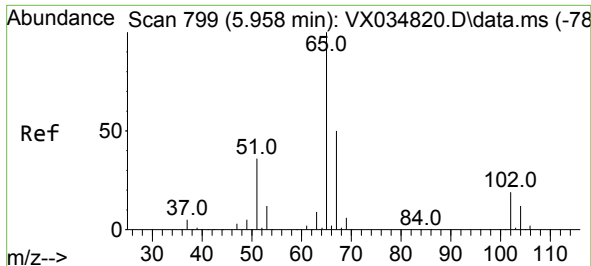
Tgt Ion:	84	Resp:	967
Ion	Ratio	Lower	Upper
84	100		
49	99.3	103.8	155.8#
51	31.6	31.8	47.8#
86	55.1	51.4	77.2



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion:	56	Resp:	6539
Ion	Ratio	Lower	Upper
56	100		
69	175.5	23.7	35.5#
84	110.1	68.5	102.7#

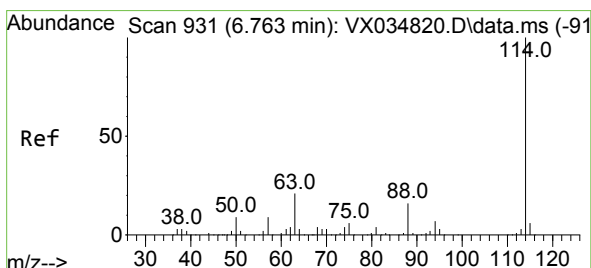
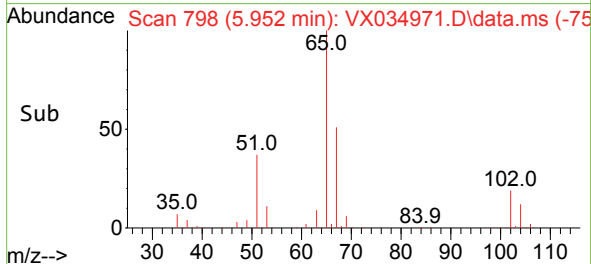
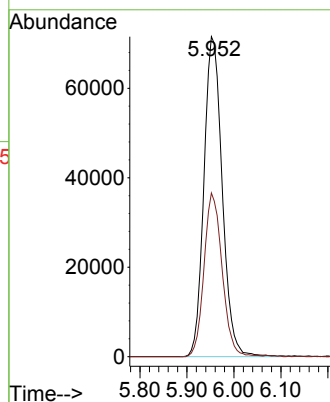
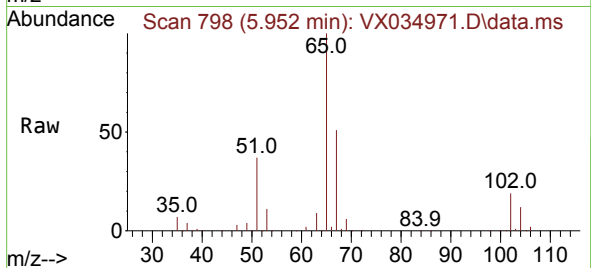




#33
 1,2-Dichloroethane-d4
 Concen: 47.767 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX034971.D
 Acq: 07 Apr 2023 16:09

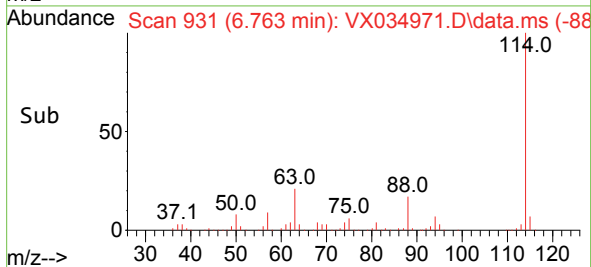
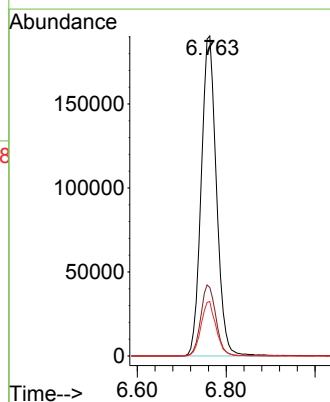
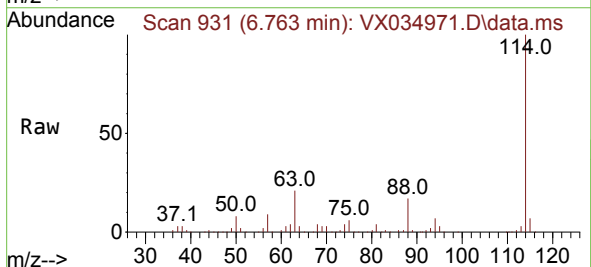
Instrument :
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 VX0407WBL02

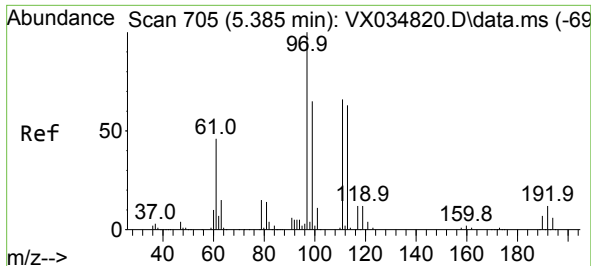
Tgt Ion: 65 Resp: 193665
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034971.D
 Acq: 07 Apr 2023 16:09

Tgt Ion: 114 Resp: 454623
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.2
 88 17.0 0.0 33.2

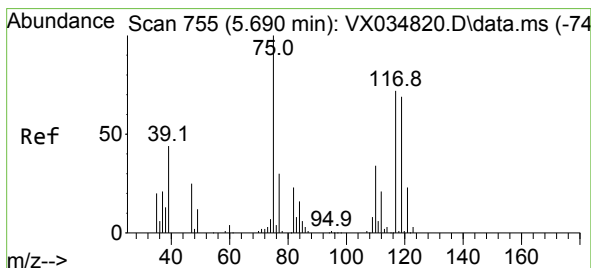
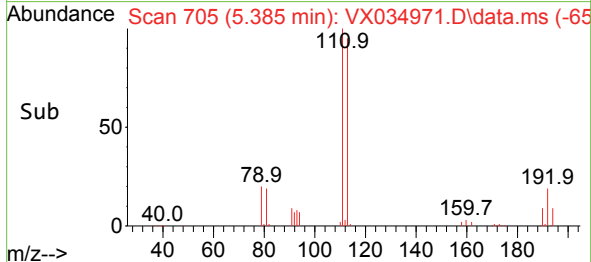
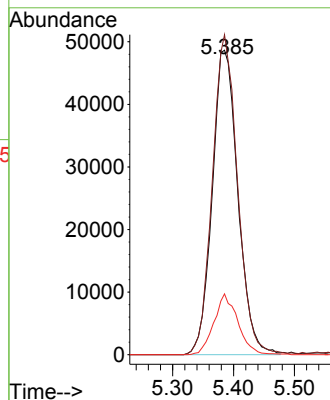
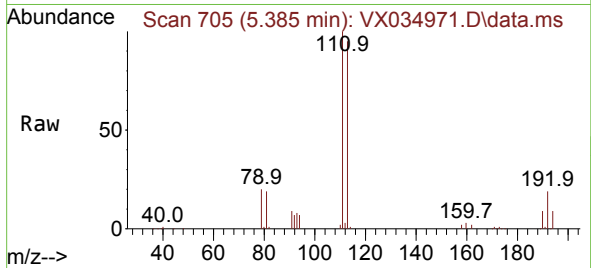




#35
Dibromofluoromethane
Concen: 47.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

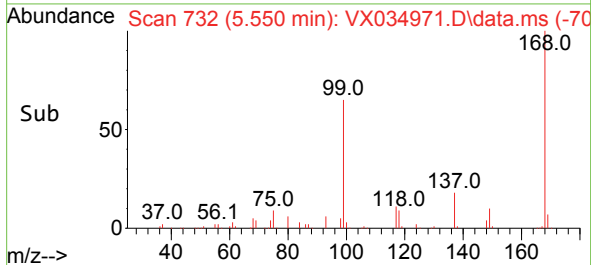
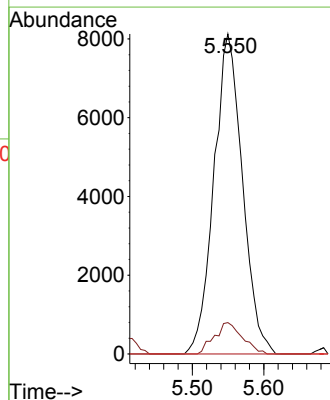
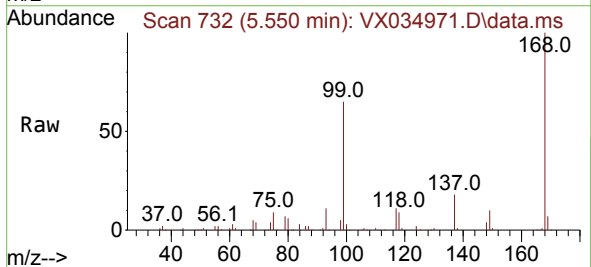
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

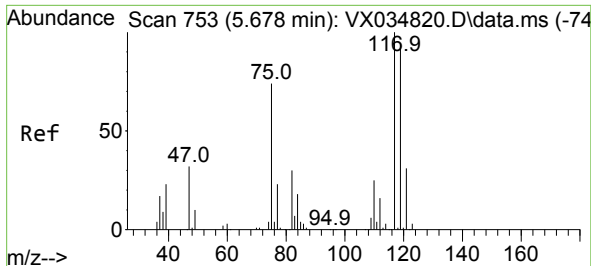
Tgt Ion:113 Resp: 142506
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

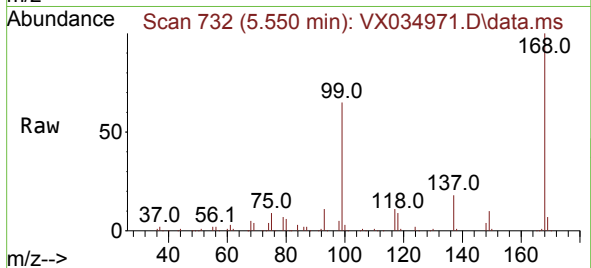
Tgt Ion: 75 Resp: 22512
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



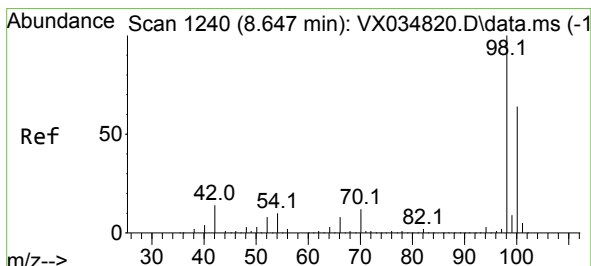
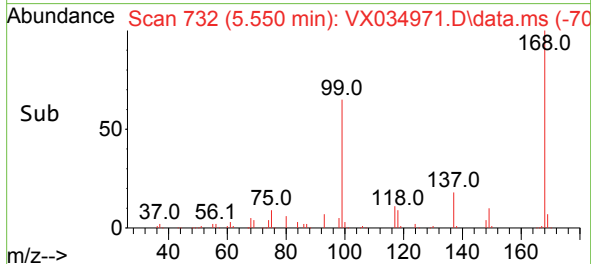
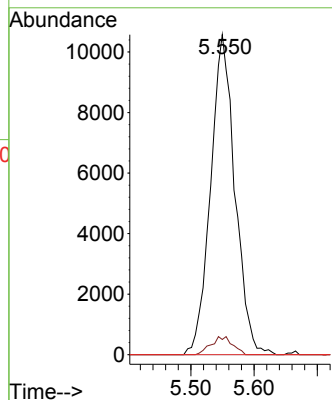


#38
Carbon Tetrachloride
Concen: 6.731 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

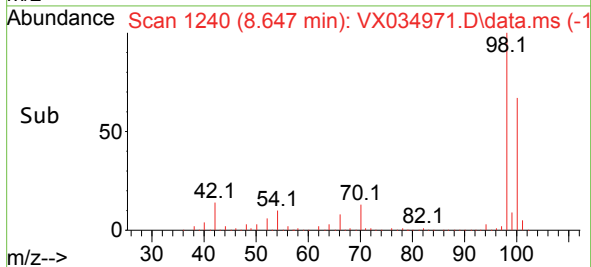
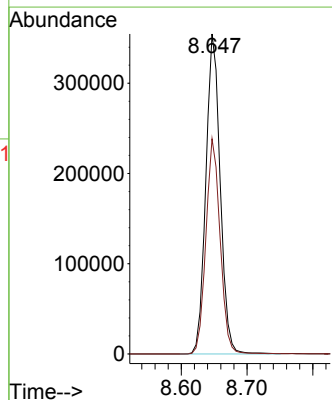
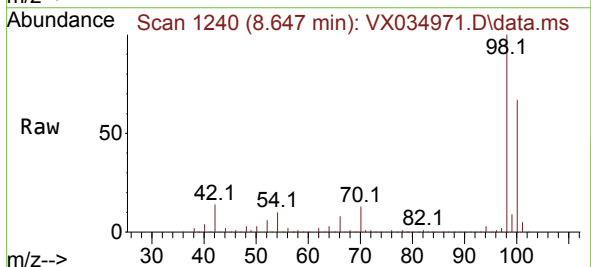


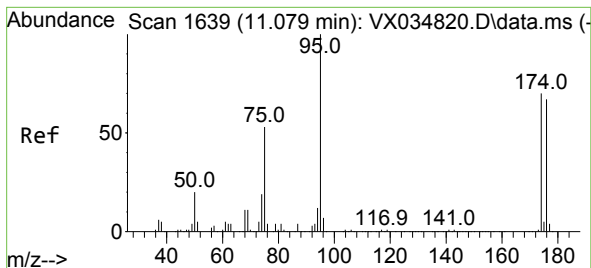
Tgt Ion:117 Resp: 28273
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.534 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion: 98 Resp: 538675
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

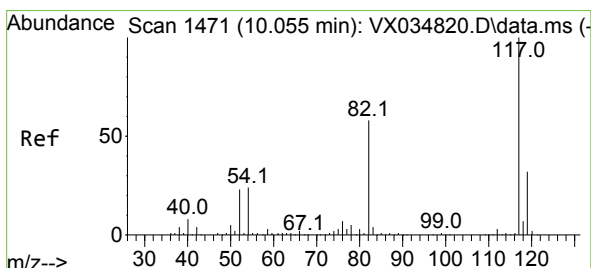
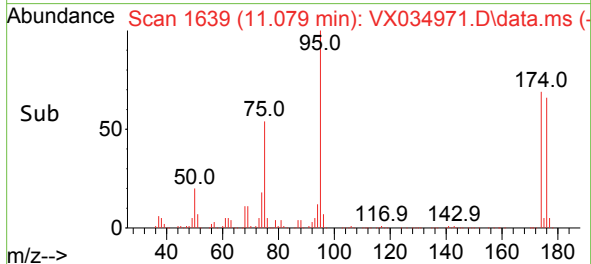
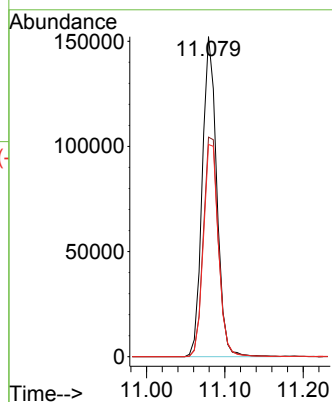
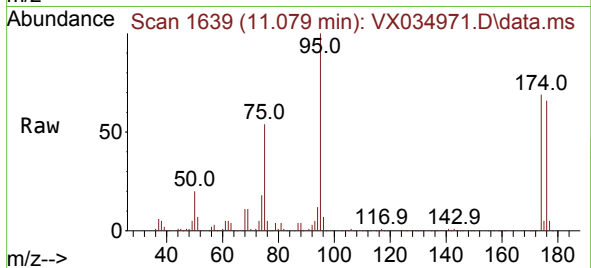




#62
4-Bromofluorobenzene
Concen: 45.539 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

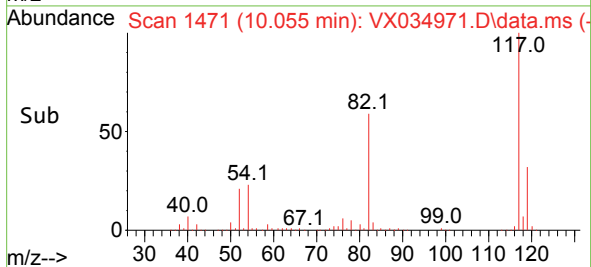
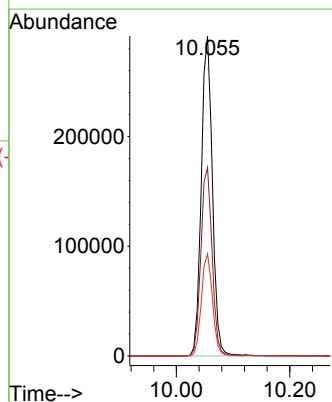
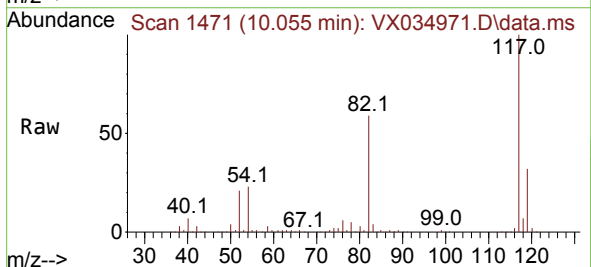
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

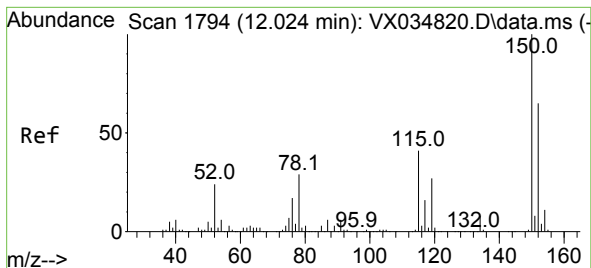
Tgt Ion: 95 Resp: 195590
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 69.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion: 117 Resp: 395892
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 31.9 26.0 39.0

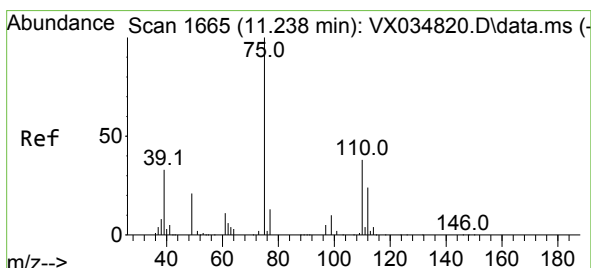
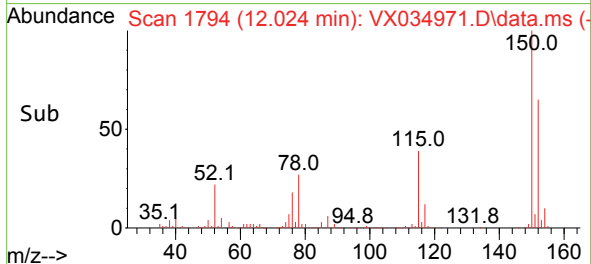
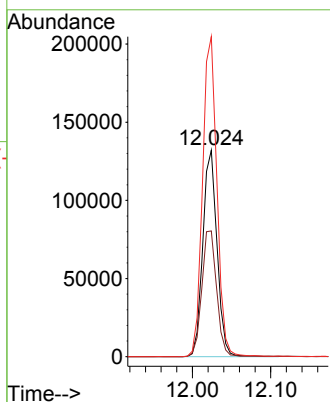
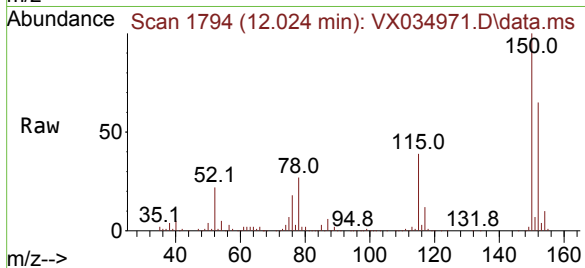




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034971.D
 Acq: 07 Apr 2023 16:09

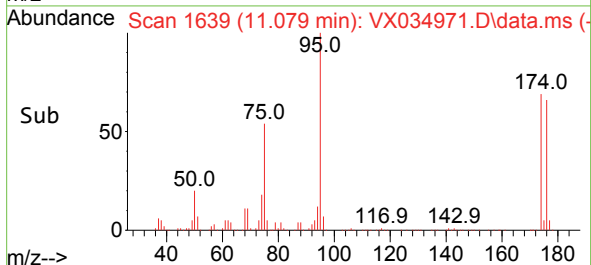
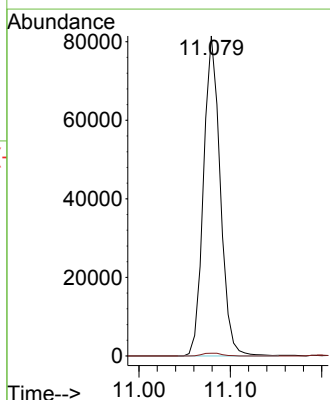
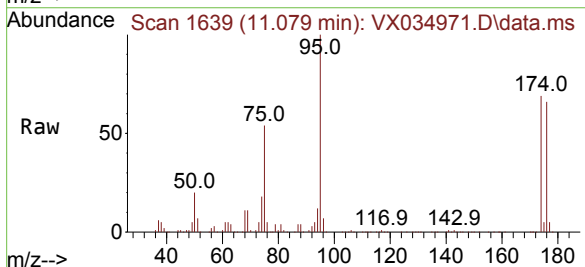
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL02

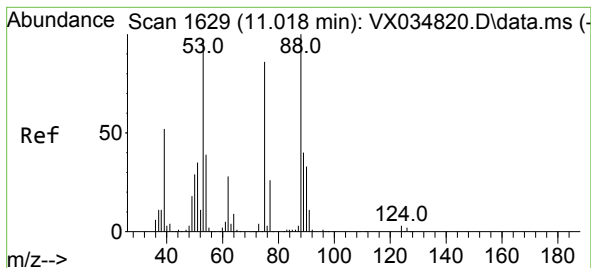
Tgt Ion:152 Resp: 166377
 Ion Ratio Lower Upper
 152 100
 115 63.5 45.0 135.0
 150 156.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 30.854 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034971.D
 Acq: 07 Apr 2023 16:09

Tgt Ion: 75 Resp: 103434
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

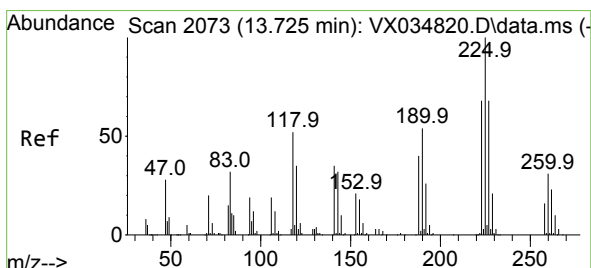
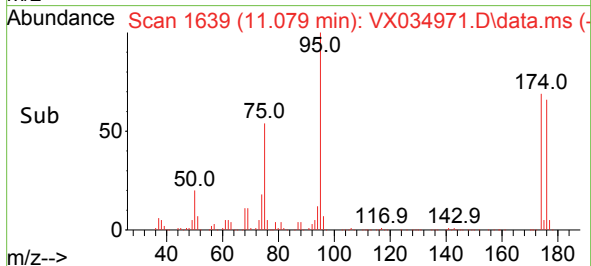
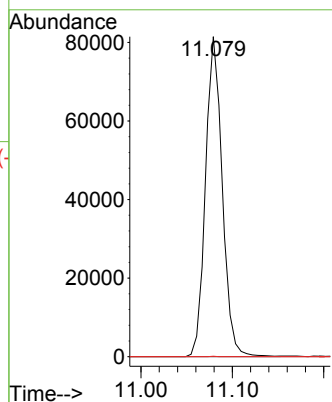
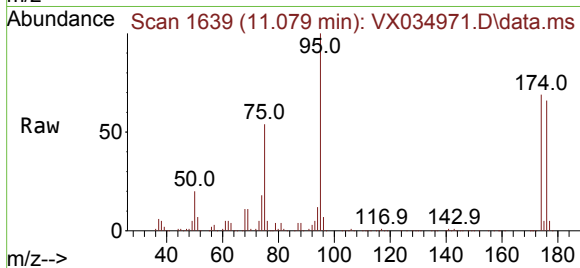




#81
trans-1,4-Dichloro-2-butene
Concen: 92.467 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL02

Tgt Ion: 75 Resp: 103434
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 1.121 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034971.D
Acq: 07 Apr 2023 16:09

Tgt Ion: 225 Resp: 1536
Ion Ratio Lower Upper
225 100
223 68.9 32.1 96.5
227 65.4 31.8 95.4

