

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034826.D
 Acq On : 29 Mar 2023 14:13
 Operator : JC/MD
 Sample : VX0329WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

Quant Time: Mar 30 06:28:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	271992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191181	45.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.379	113	145980	47.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.646	98	556338	49.220	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	204212	46.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%

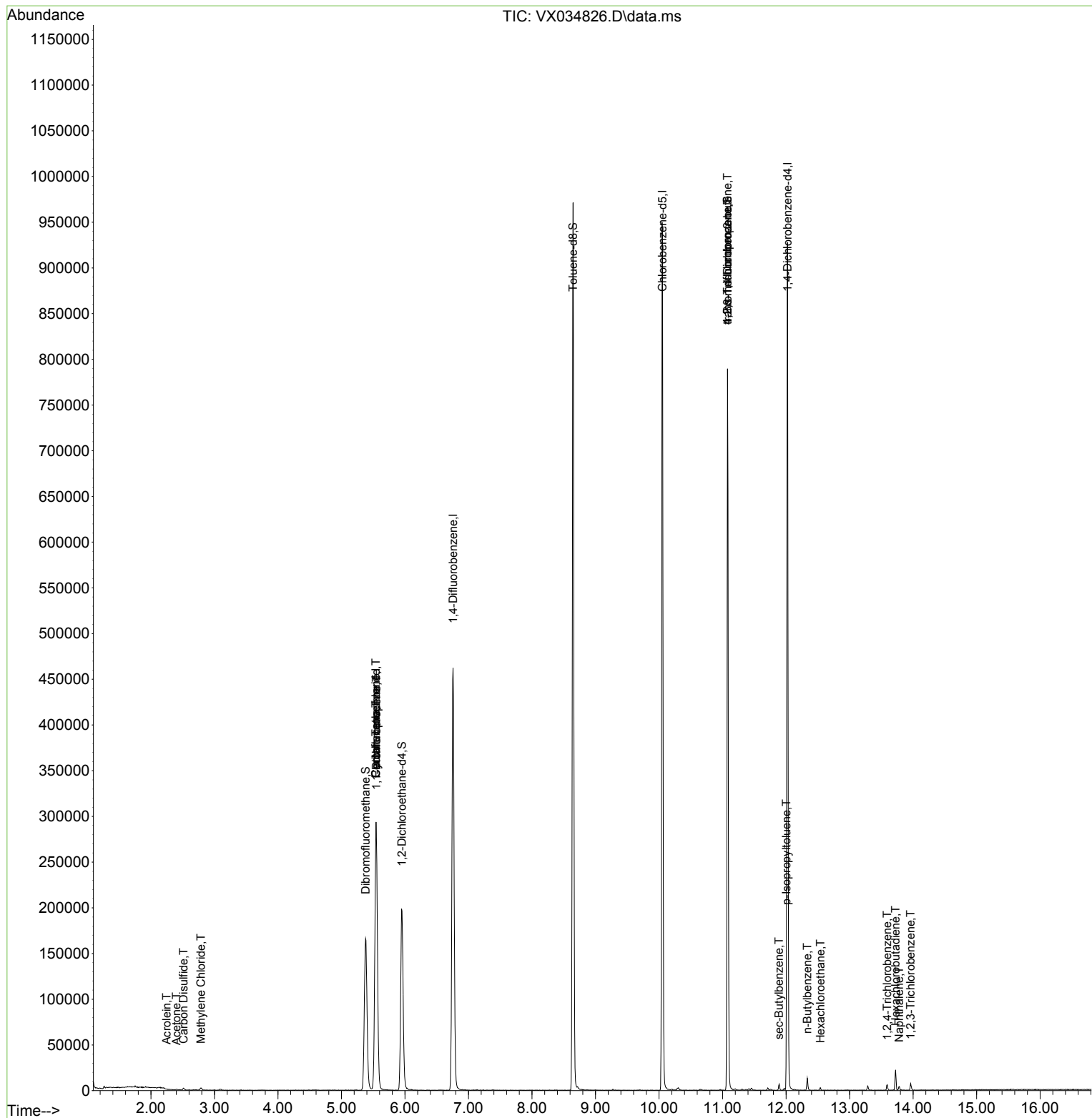
Target Compounds				Qvalue		
13) Acrolein	2.245	56	304	0.405	ug/l #	67
16) Acetone	2.398	43	715	0.423	ug/l	94
17) Carbon Disulfide	2.513	76	2559	0.366	ug/l #	91
20) Methylene Chloride	2.788	84	1214	0.364	ug/l	92
31) Cyclohexane	5.543	56	7198	1.421	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23275	5.130	ug/l #	50
38) Carbon Tetrachloride	5.543	117	28116	6.573	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	112044	26.099	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112044	88.341	ug/l #	8
85) sec-Butylbenzene	11.890	105	3670	0.278	ug/l	93
86) p-Isopropyltoluene	12.006	119	2677	0.243	ug/l #	65
89) n-Butylbenzene	12.335	91	4970	0.517	ug/l	93
90) Hexachloroethane	12.542	117	402	0.236	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	1584	0.448	ug/l	88
94) Hexachlorobutadiene	13.725	225	2854	1.837	ug/l	97
95) Naphthalene	13.780	128	3099	0.247	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1861	0.522	ug/l	98

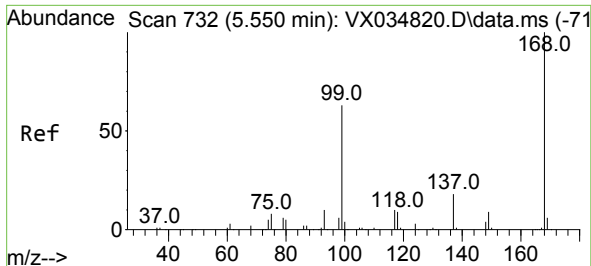
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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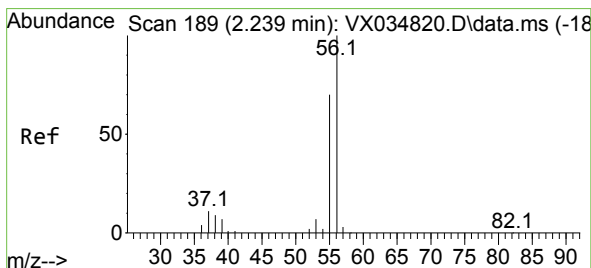
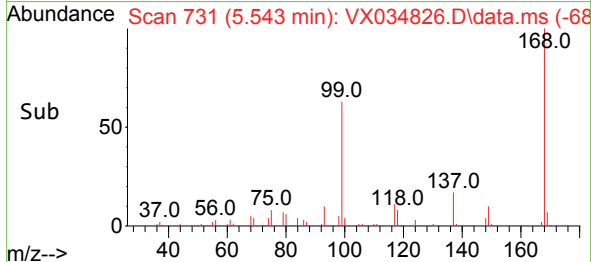
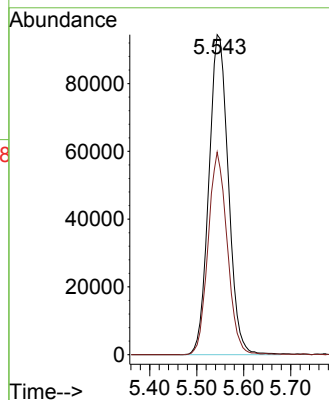
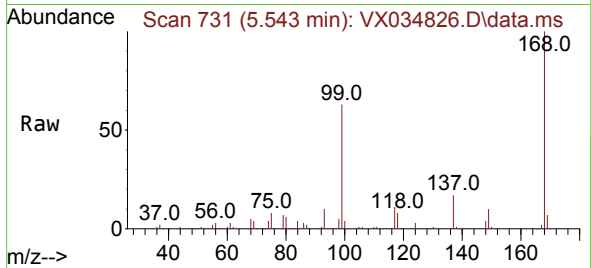




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

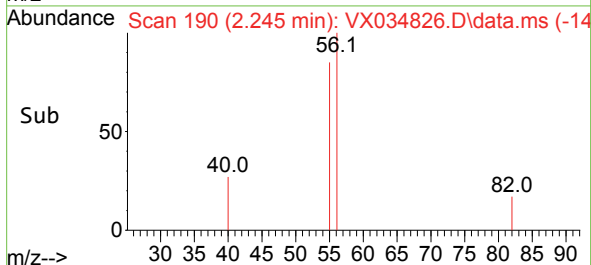
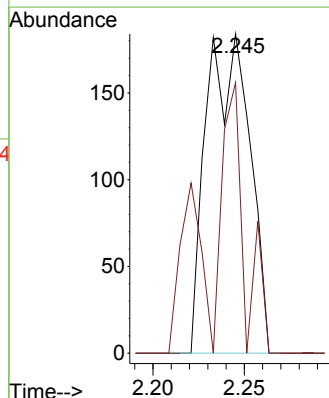
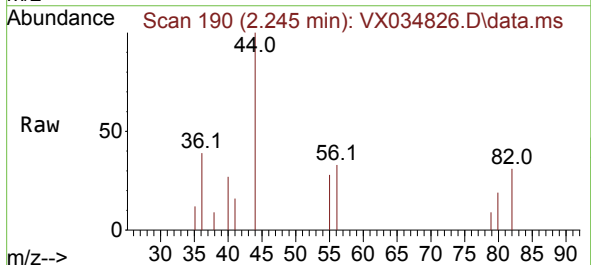
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

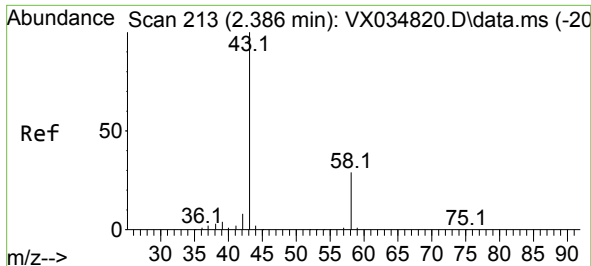
Tgt Ion:168 Resp: 271992
Ion Ratio Lower Upper
168 100
99 63.3 45.7 68.5



#13
Acrolein
Concen: 0.405 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 56 Resp: 304
Ion Ratio Lower Upper
56 100
55 43.4 56.6 85.0#

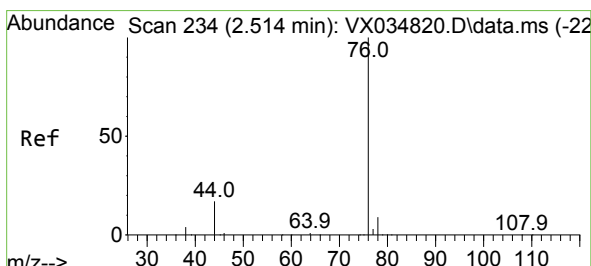
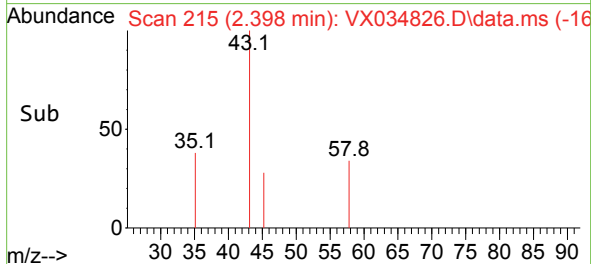
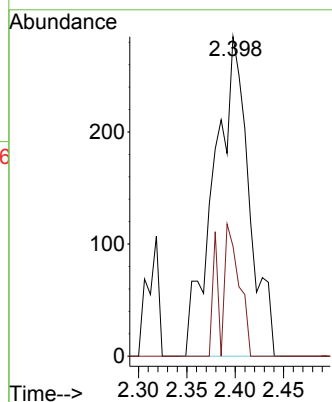
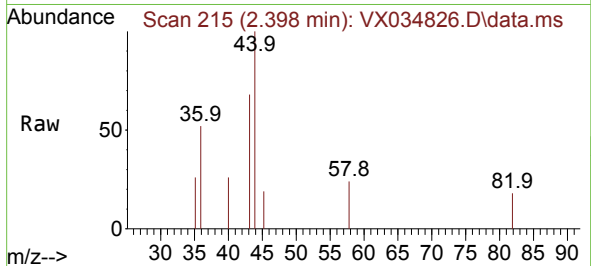




#16
Acetone
Concen: 0.423 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

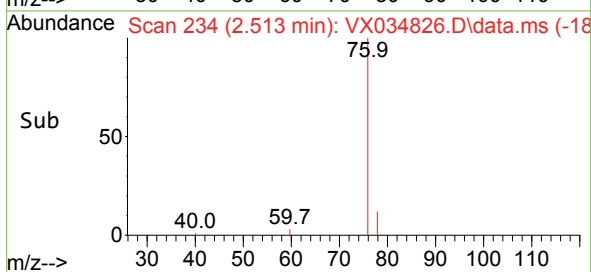
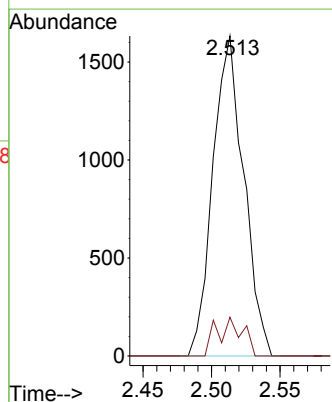
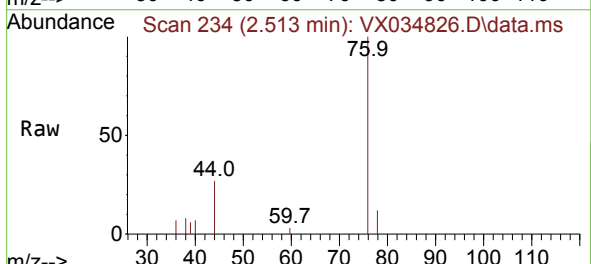
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

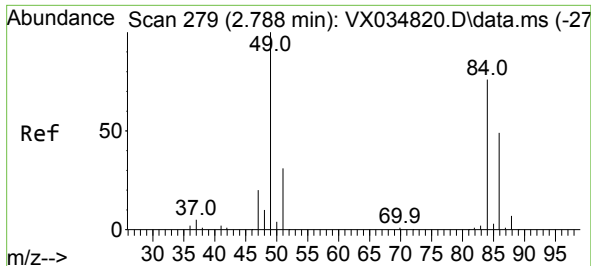
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 34.4 24.7 37.1



#17
Carbon Disulfide
Concen: 0.366 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

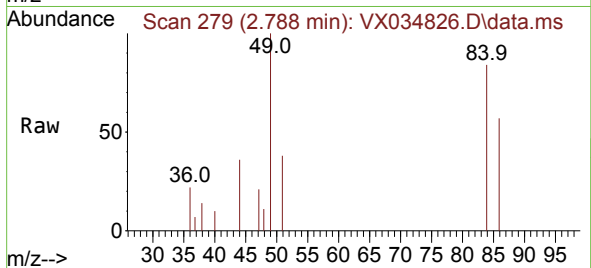
Tgt Ion: 76 Resp: 2559
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#



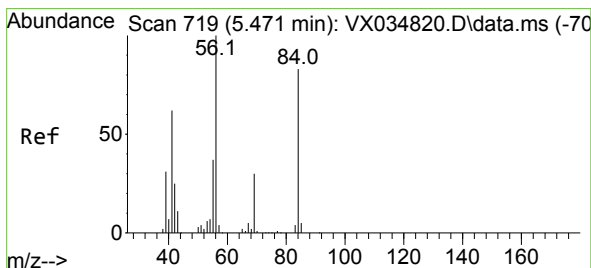
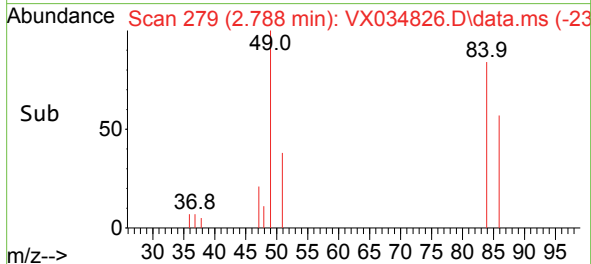
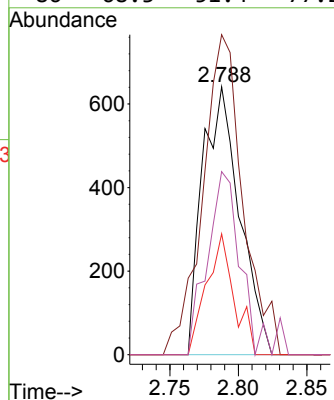


#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

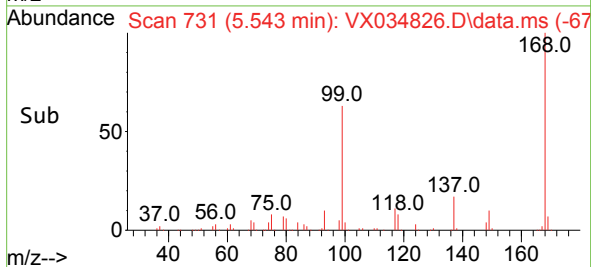
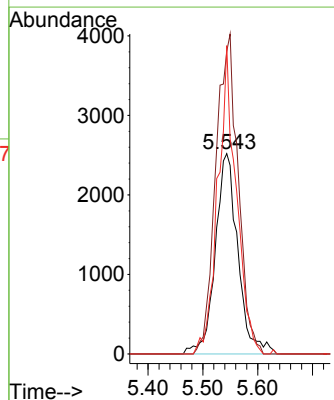
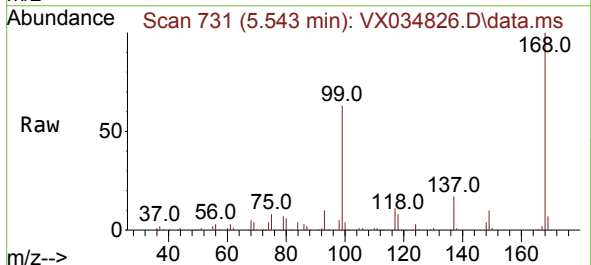


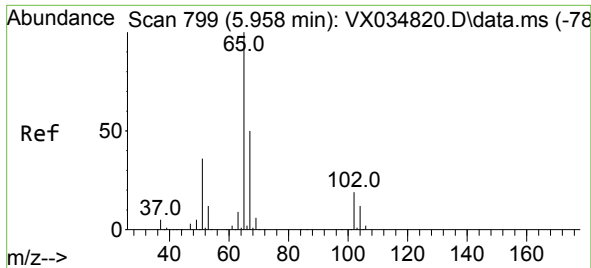
Tgt Ion:	84	Resp:	1214
Ion	Ratio	Lower	Upper
84	100		
49	119.5	103.8	155.8
51	45.1	31.8	47.8
86	68.3	51.4	77.2



#31
Cyclohexane
Concen: 1.421 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion:	56	Resp:	7198
Ion	Ratio	Lower	Upper
56	100		
69	151.1	23.7	35.5#
84	154.0	68.5	102.7#

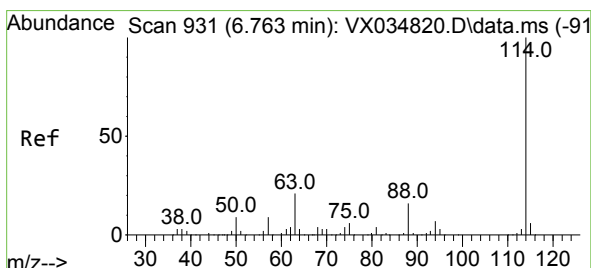
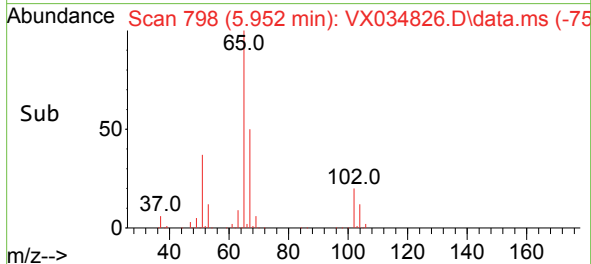
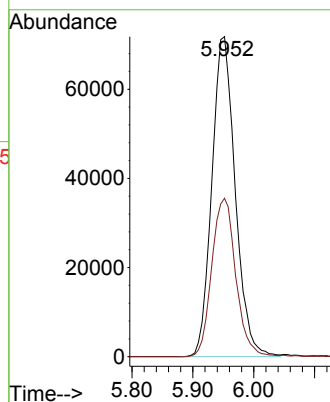
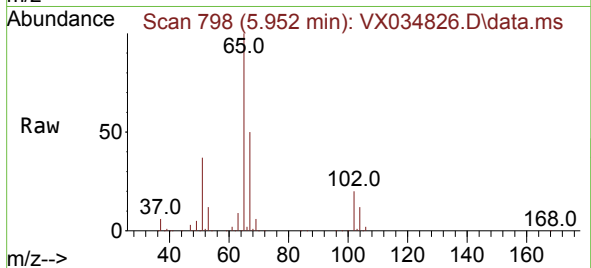




#33
1,2-Dichloroethane-d4
Concen: 45.960 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

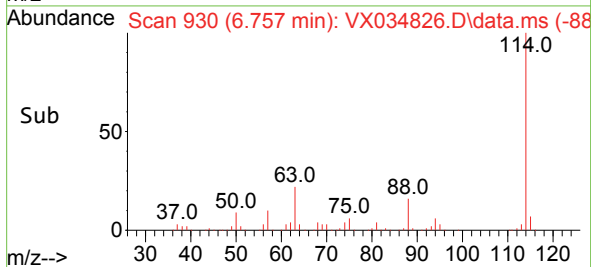
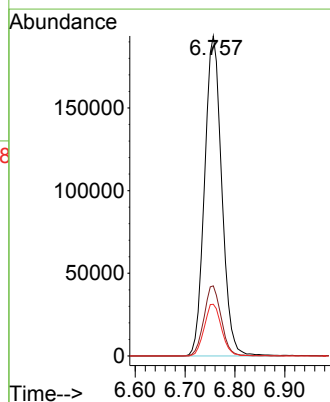
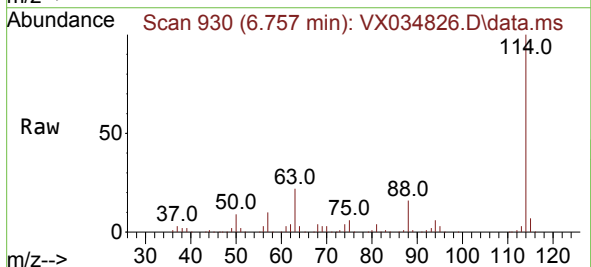
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

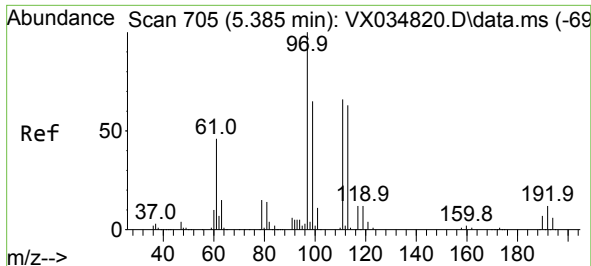
Tgt Ion: 65 Resp: 191181
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 114 Resp: 462991
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.1 0.0 33.2

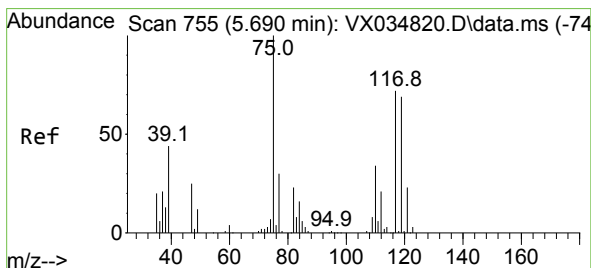
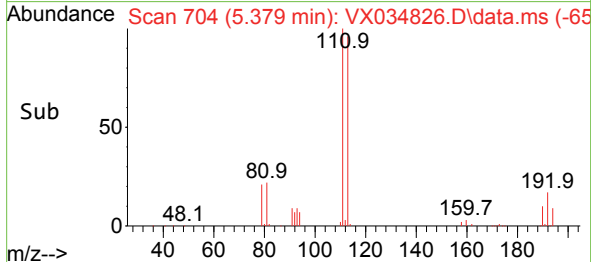
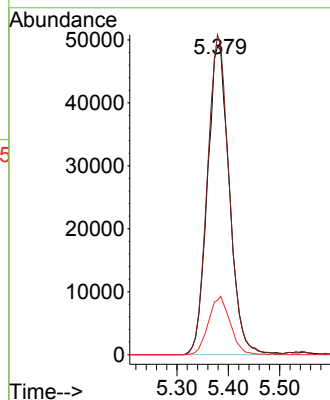
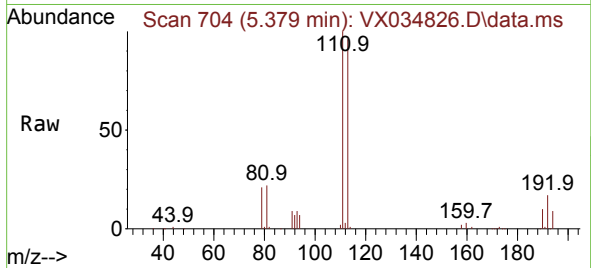




#35
Dibromofluoromethane
Concen: 47.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

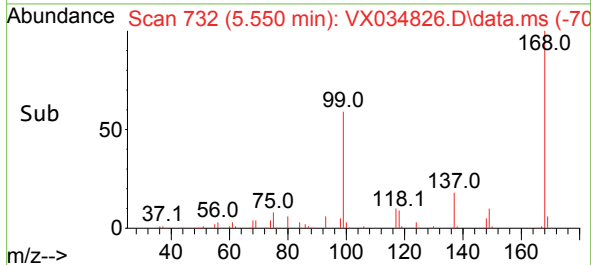
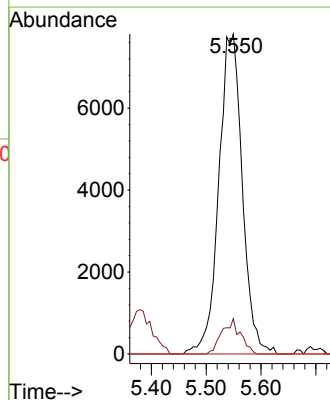
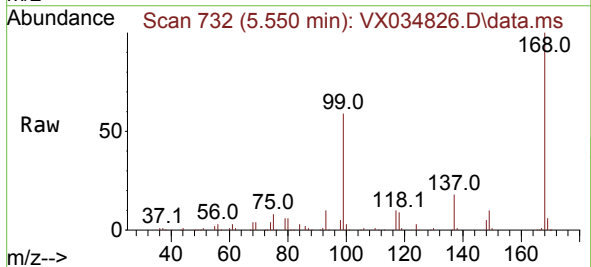
Instrument :
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ClientSampleId :
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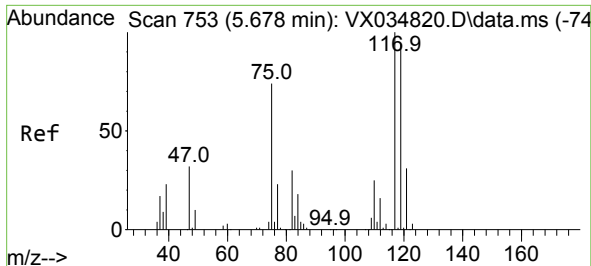
Tgt Ion:113 Resp: 145980
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

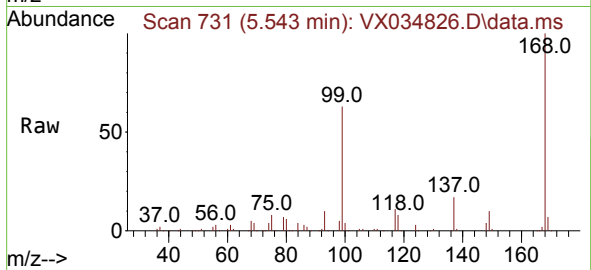
Tgt Ion: 75 Resp: 23275
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



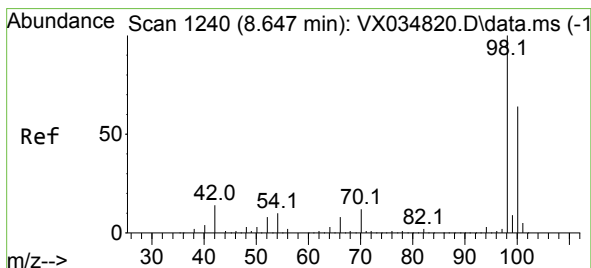
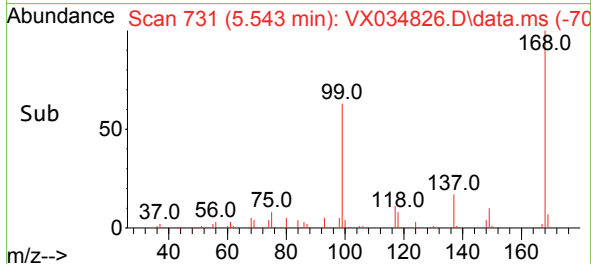
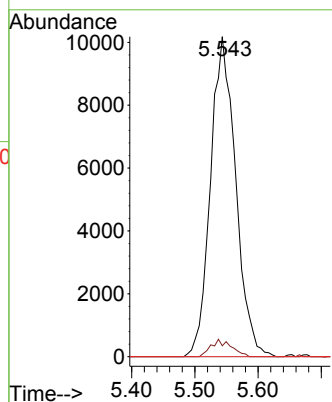


#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

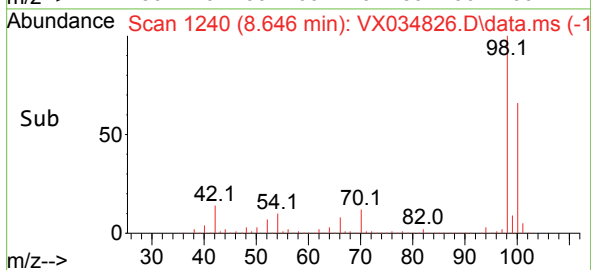
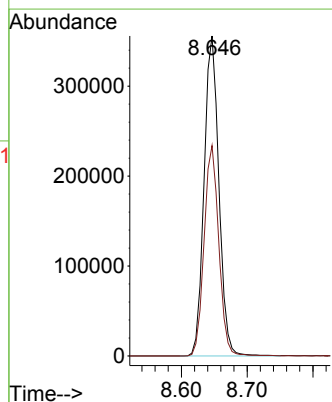
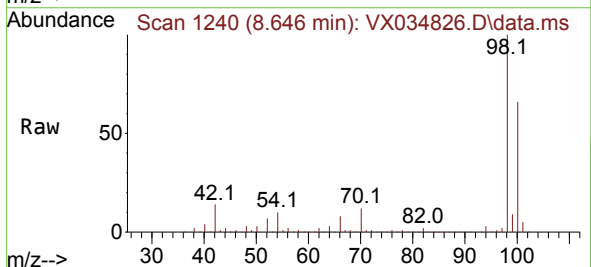


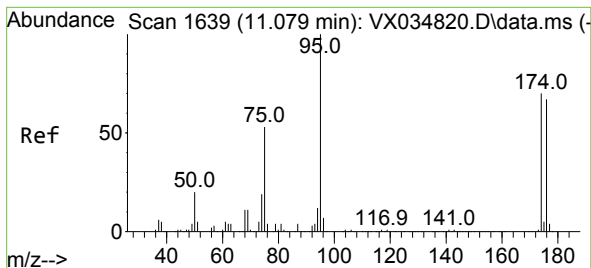
Tgt Ion:117 Resp: 28116
Ion Ratio Lower Upper
117 100
119 3.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.220 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 98 Resp: 556338
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

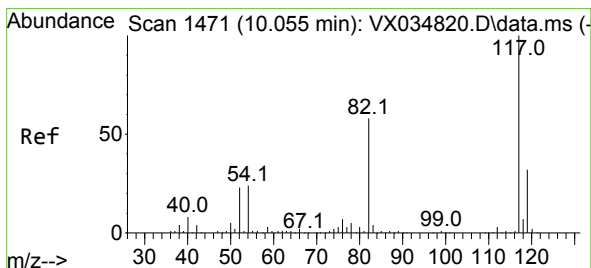
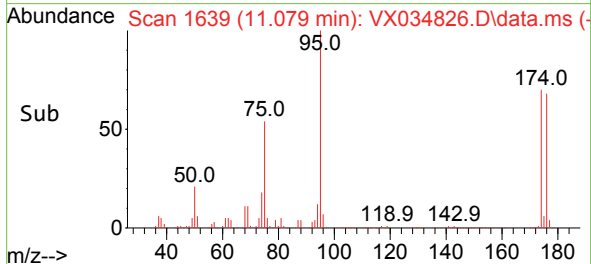
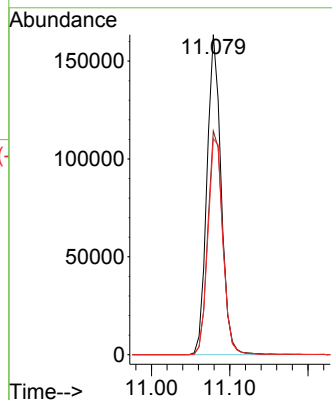
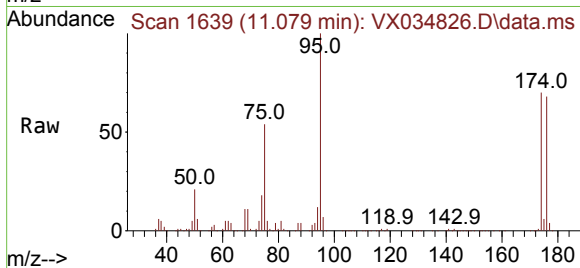




#62
4-Bromofluorobenzene
Concen: 46.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

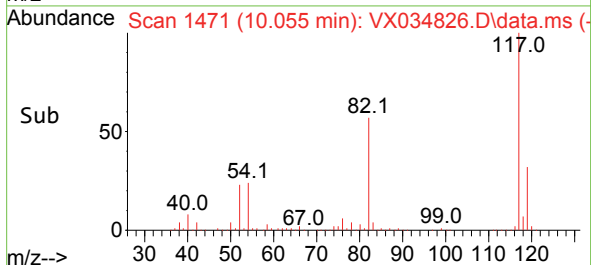
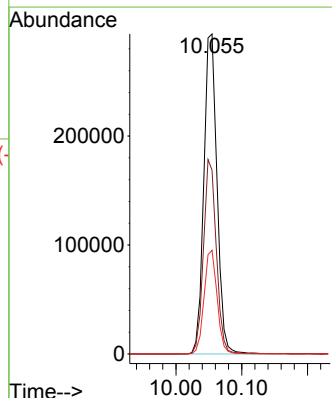
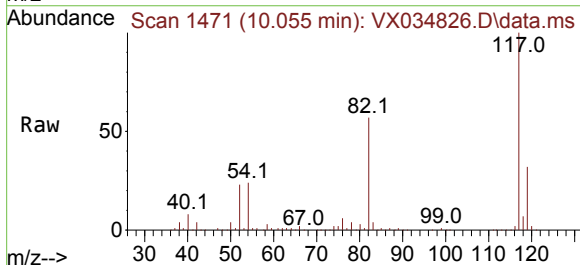
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

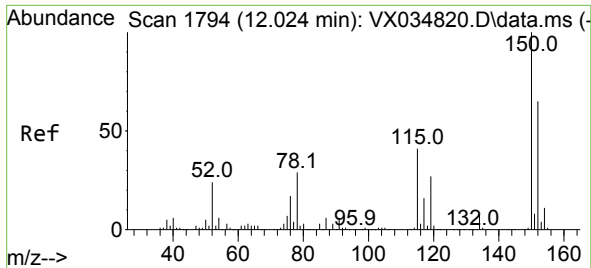
Tgt Ion: 95 Resp: 204212
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 117 Resp: 410636
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.4 26.0 39.0

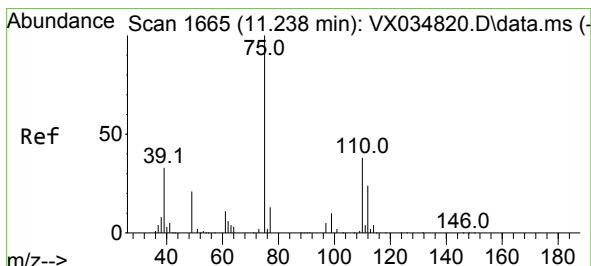
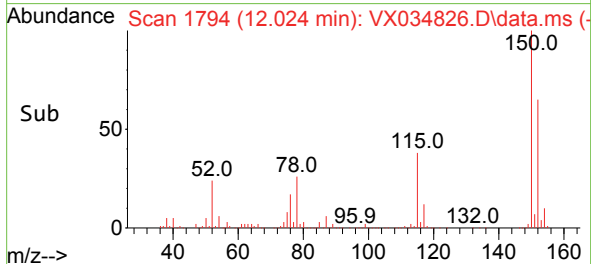
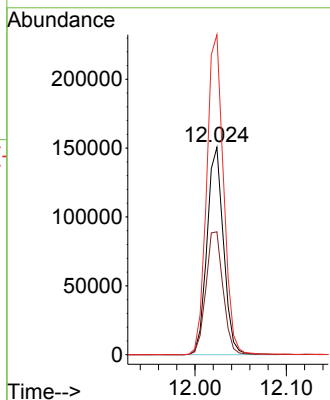
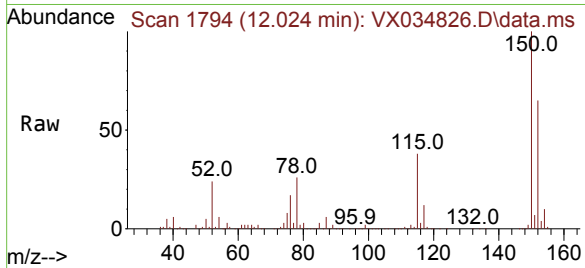




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034826.D
 Acq: 29 Mar 2023 14:13

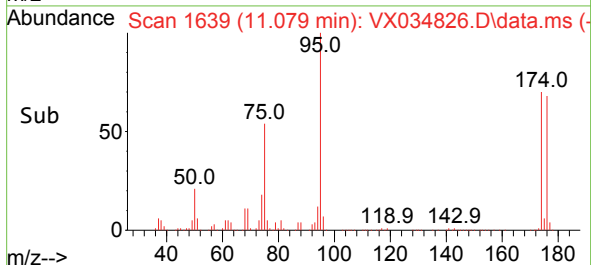
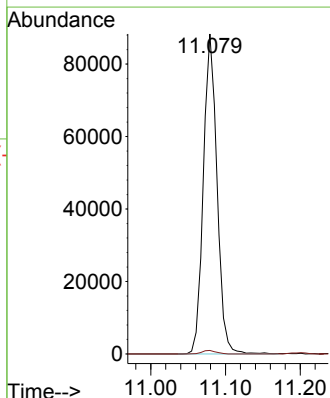
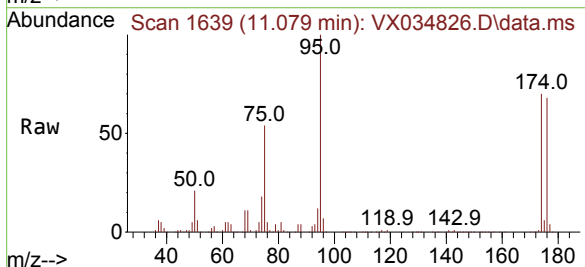
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

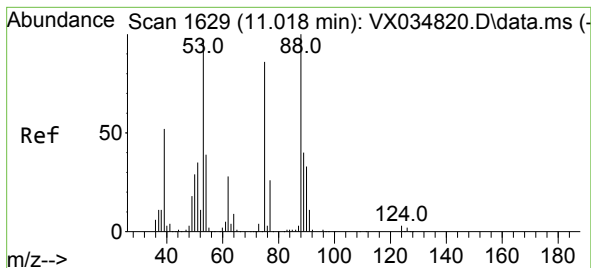
Tgt Ion:152 Resp: 188645
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.0 135.0
 150 157.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.099 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034826.D
 Acq: 29 Mar 2023 14:13

Tgt Ion: 75 Resp: 112044
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

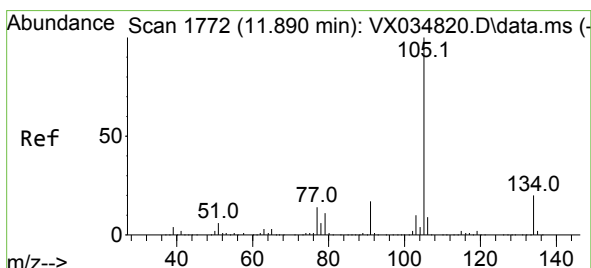
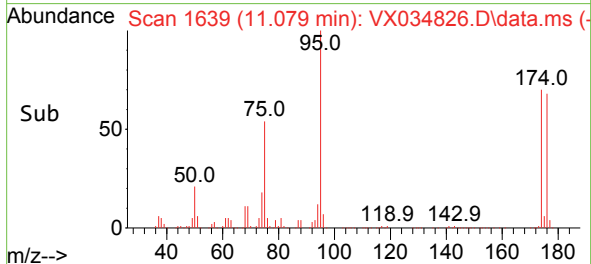
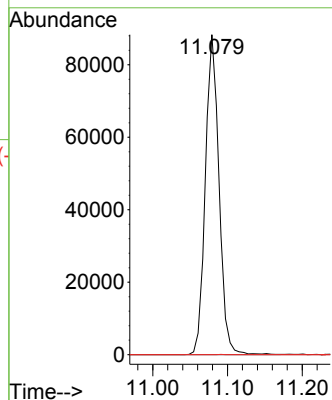
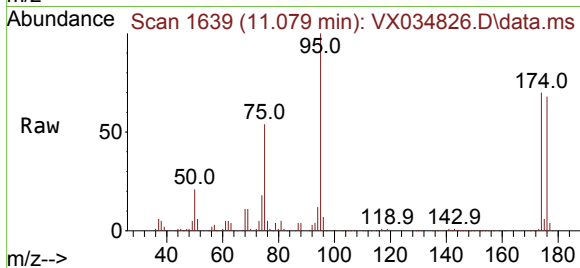




#81
trans-1,4-Dichloro-2-butene
Concen: 88.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

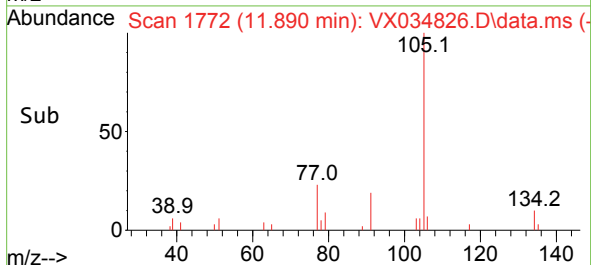
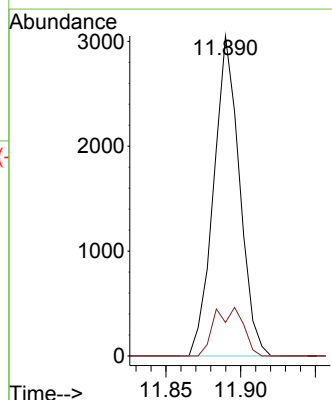
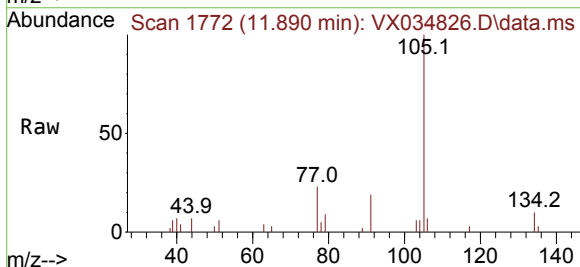
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

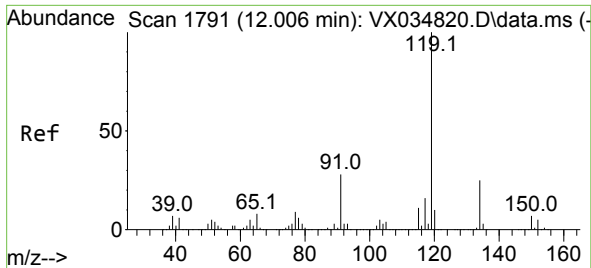
Tgt Ion: 75 Resp: 112044
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.278 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion:105 Resp: 3670
Ion Ratio Lower Upper
105 100
134 16.9 10.2 30.4

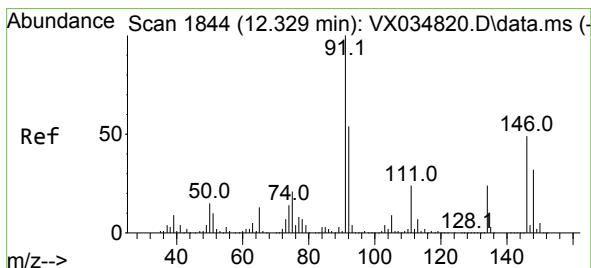
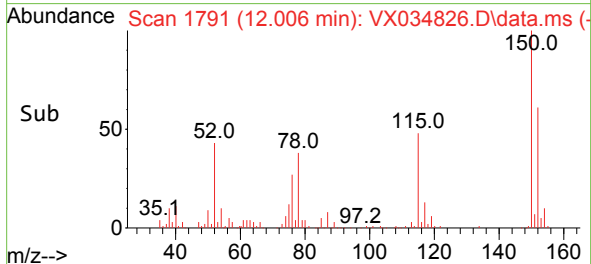
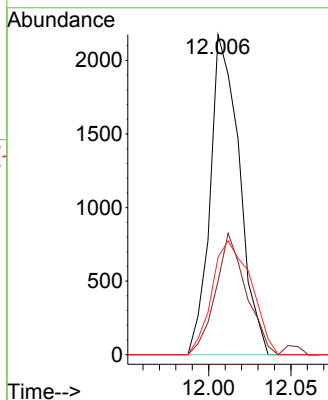
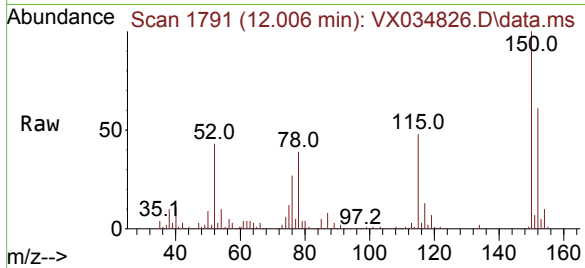




#86
p-Isopropyltoluene
Concen: 0.243 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

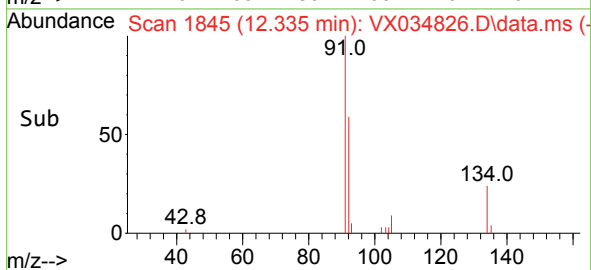
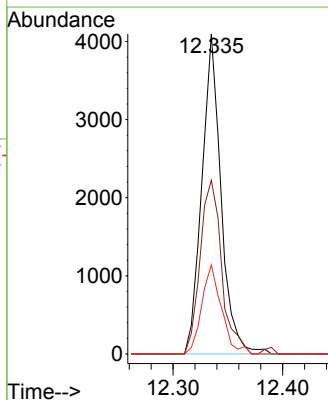
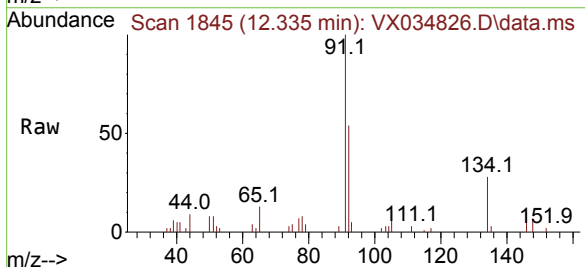
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

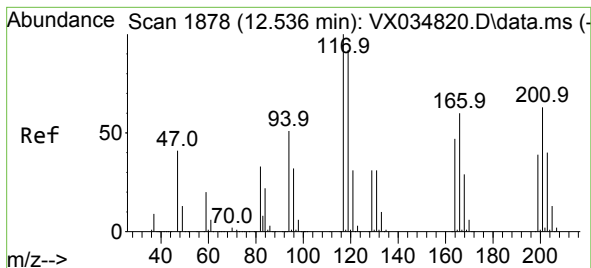
Tgt Ion:119 Resp: 2677
Ion Ratio Lower Upper
119 100
134 40.0 13.2 39.5#
91 48.0 12.9 38.7#



#89
n-Butylbenzene
Concen: 0.517 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 91 Resp: 4970
Ion Ratio Lower Upper
91 100
92 60.9 27.7 83.0
134 28.6 13.0 38.9





#90

Hexachloroethane

Concen: 0.236 ug/l

RT: 12.542 min Scan# 117

Delta R.T. 0.006 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

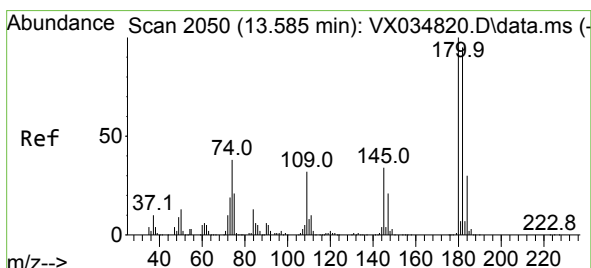
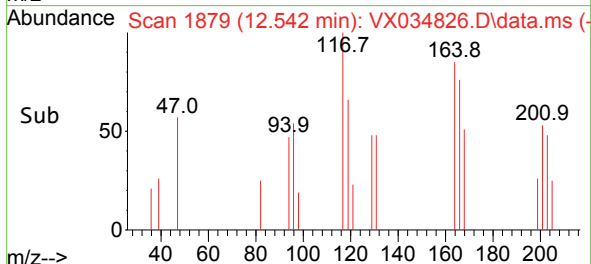
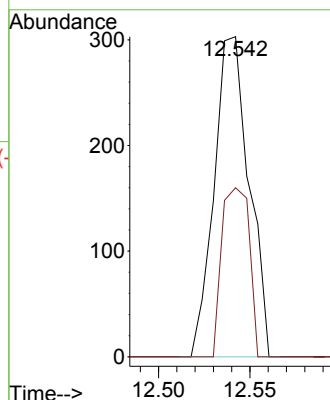
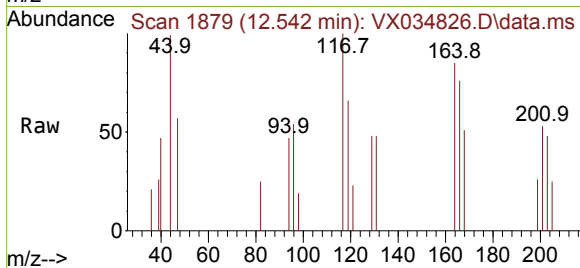
VX0329WBL01

Tgt Ion:117 Resp: 402

Ion Ratio Lower Upper

117 100

201 41.8 34.4 103.1



#93

1,2,4-Trichlorobenzene

Concen: 0.448 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

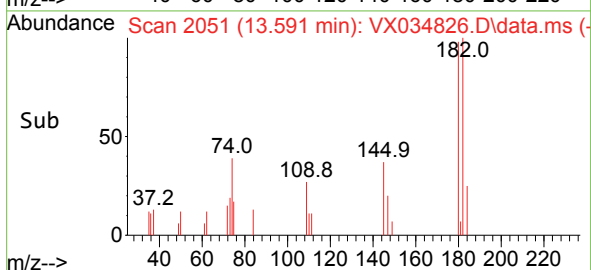
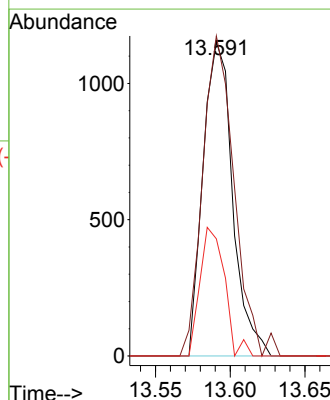
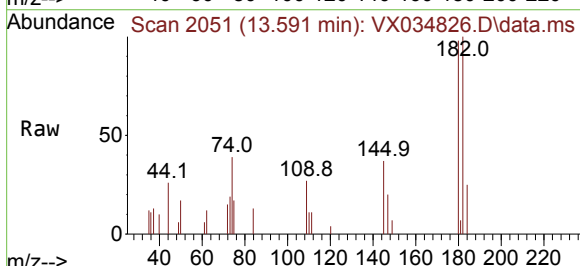
Tgt Ion:180 Resp: 1584

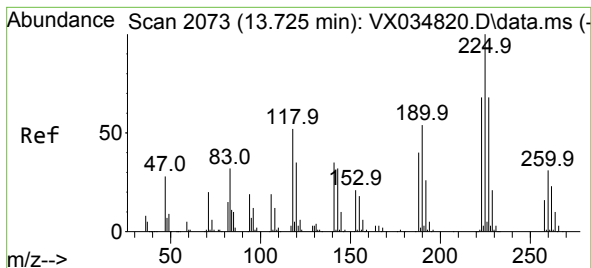
Ion Ratio Lower Upper

180 100

182 108.7 47.0 141.0

145 34.0 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.837 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL01

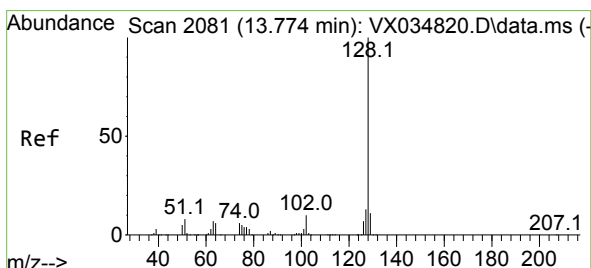
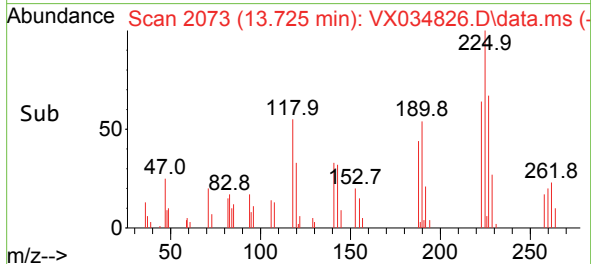
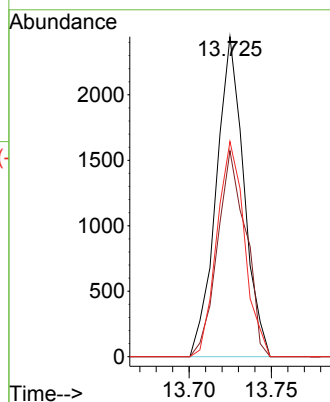
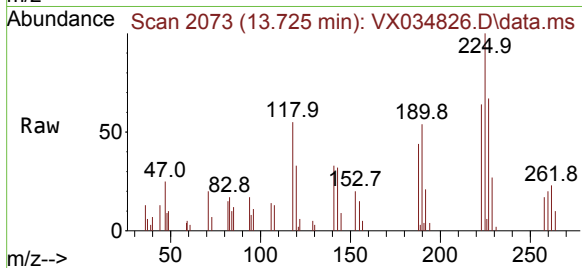
Tgt Ion:225 Resp: 2854

Ion Ratio Lower Upper

225 100

223 66.1 32.1 96.5

227 67.1 31.8 95.4



#95

Naphthalene

Concen: 0.247 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

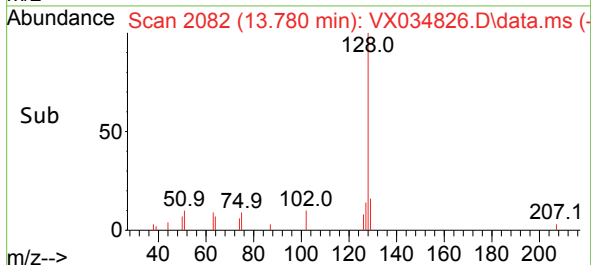
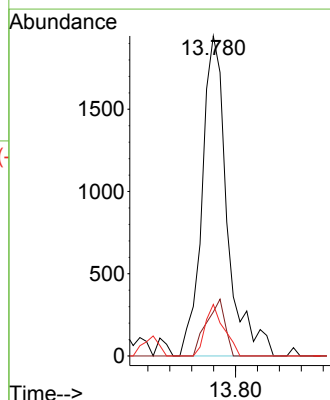
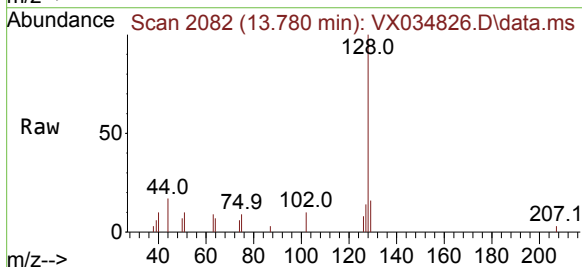
Tgt Ion:128 Resp: 3099

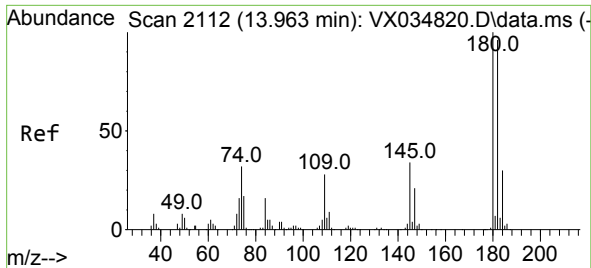
Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

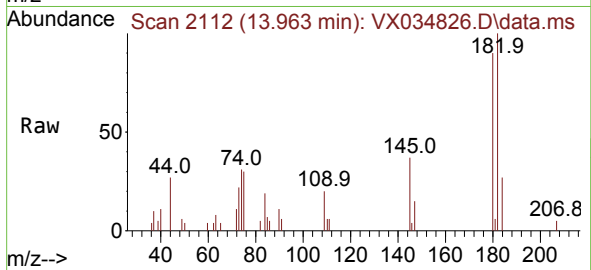
129 12.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.522 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034826.D
 Acq: 29 Mar 2023 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01



Tgt Ion:	180	Resp:	1861
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	34.3	17.7	53.1

