

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034026.D
 Acq On : 06 Feb 2023 14:44
 Operator : JC/MD
 Sample : VX0207MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207MBL01

Quant Time: Feb 07 00:50:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

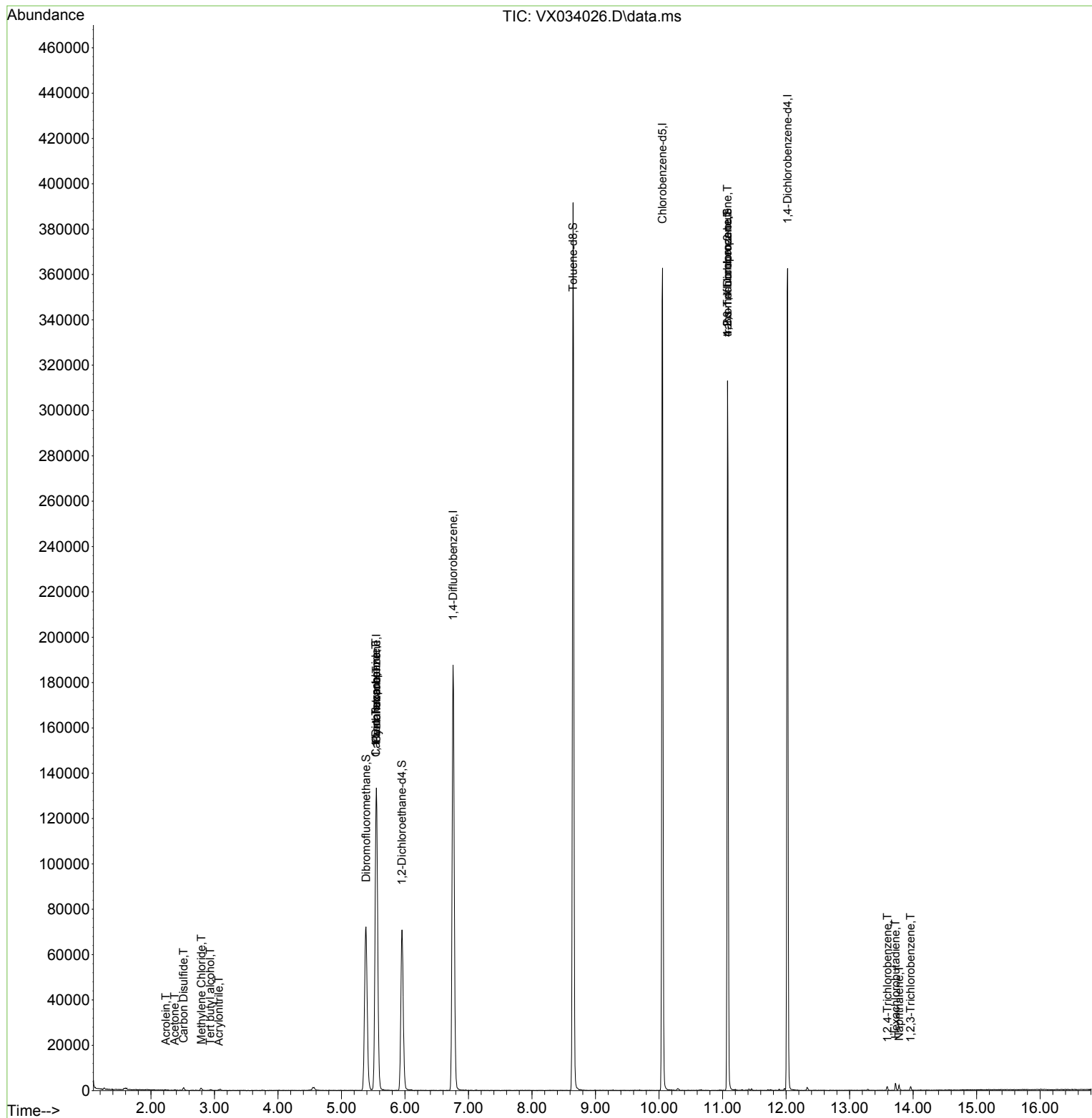
Internal Standards						
1) Pentafluorobenzene	5.550	168	147489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67547	47.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.020%		
35) Dibromofluoromethane	5.385	113	63761	48.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	8.647	98	231952	49.313	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	79628	47.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.934	59	120	0.602	ug/l #	86
13) Acrolein	2.233	56	77	0.288	ug/l #	49
15) Acrylonitrile	3.068	53	282	0.441	ug/l #	65
16) Acetone	2.373	43	227	0.378	ug/l #	47
17) Carbon Disulfide	2.514	76	1414	0.462	ug/l #	94
20) Methylene Chloride	2.794	84	536	0.390	ug/l #	78
31) Cyclohexane	5.550	56	2087	1.008	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8574	4.790	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12407	6.499	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37028	24.826	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37028	76.455	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	741	0.364	ug/l	93
94) Hexachlorobutadiene	13.725	225	743	0.737	ug/l	96
95) Naphthalene	13.780	128	1842	0.329	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	603	0.295	ug/l	88

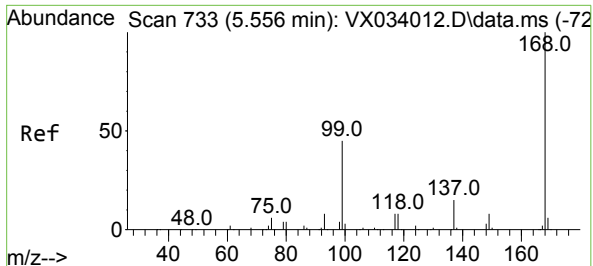
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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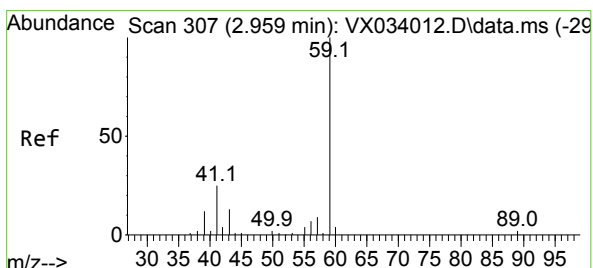
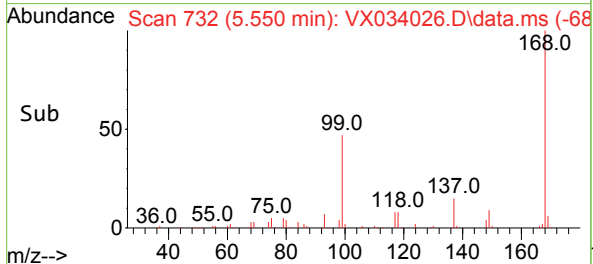
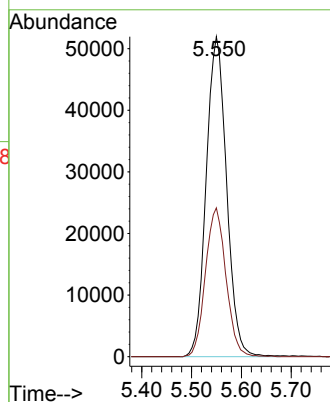
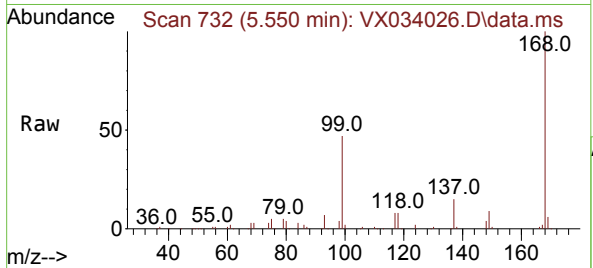




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

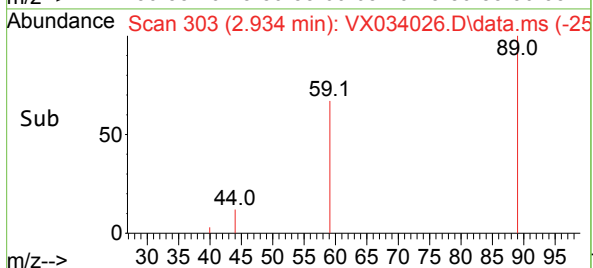
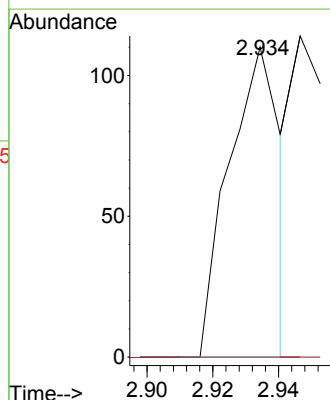
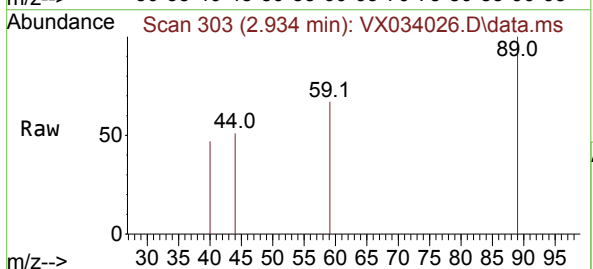
Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

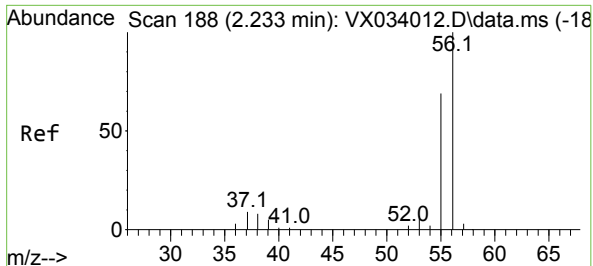
Tgt Ion:168 Resp: 147489
Ion Ratio Lower Upper
168 100
99 46.5 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.602 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.024 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

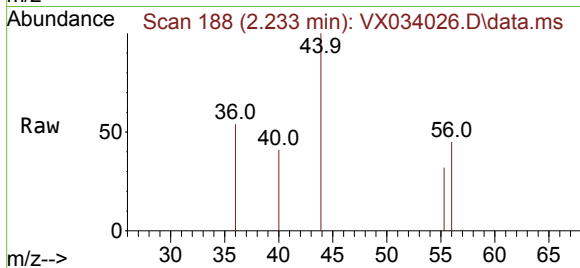
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



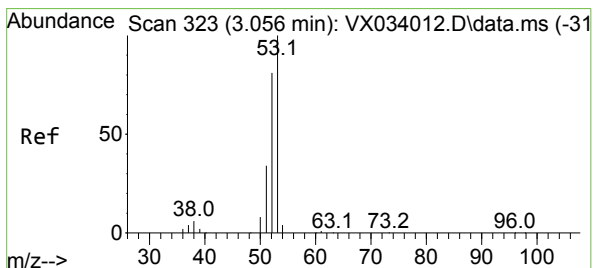
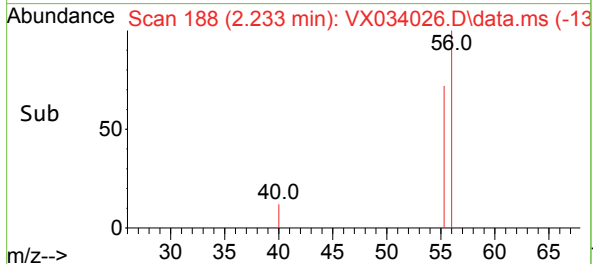
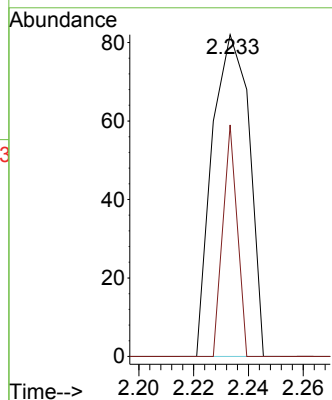


#13
Acrolein
Concen: 0.288 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

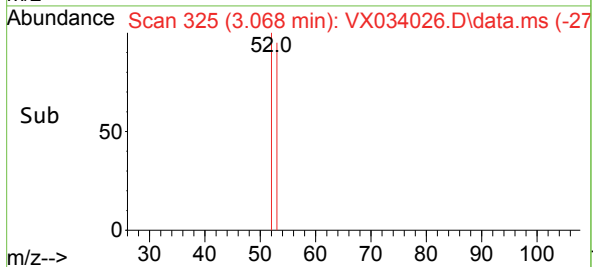
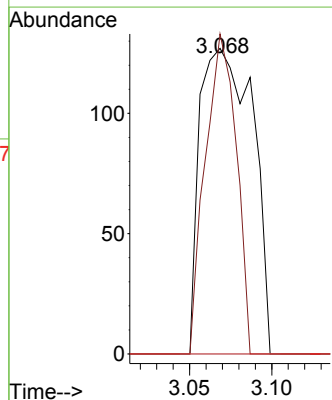
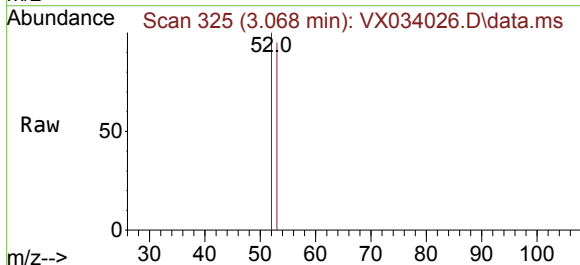


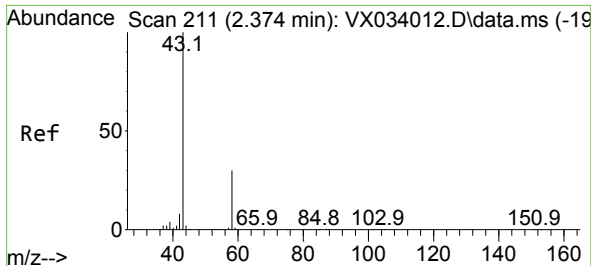
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 28.6 56.3 84.5#



#15
Acrylonitrile
Concen: 0.441 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.012 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Tgt Ion: 53 Resp: 282
Ion Ratio Lower Upper
53 100
52 61.7 65.7 98.5#
51 0.0 29.0 43.4#

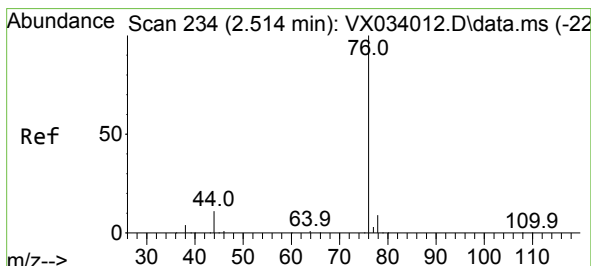
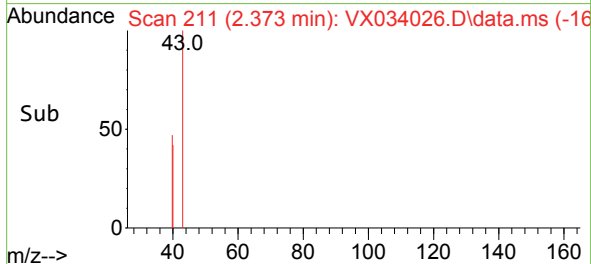
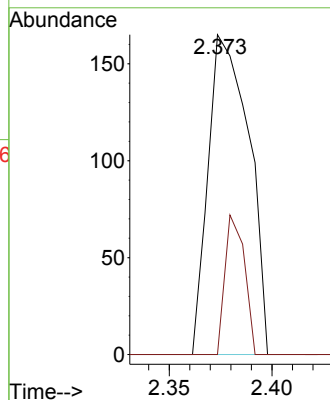
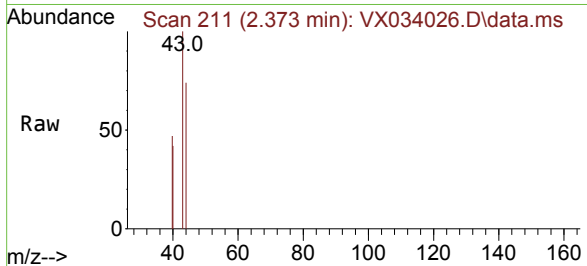




#16
Acetone
Concen: 0.378 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

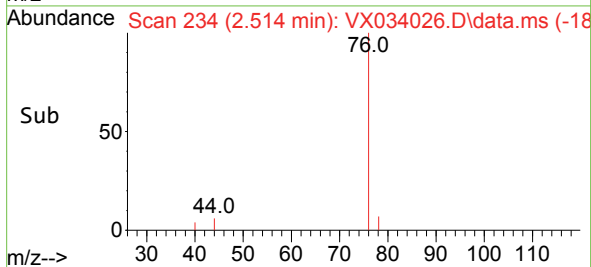
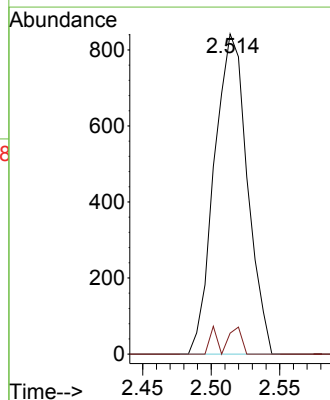
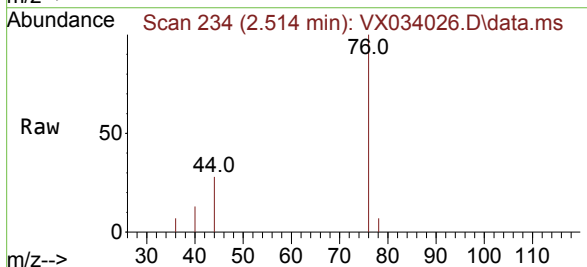
Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

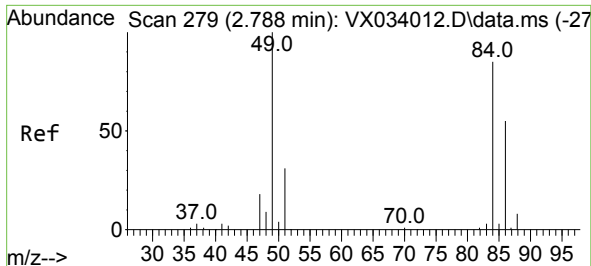
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.462 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Tgt Ion: 76 Resp: 1414
Ion Ratio Lower Upper
76 100
78 6.5 7.0 10.6#





#20

Methylene Chloride

Concen: 0.390 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034026.D

Acq: 06 Feb 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0207MBL01

Tgt Ion: 84 Resp: 536

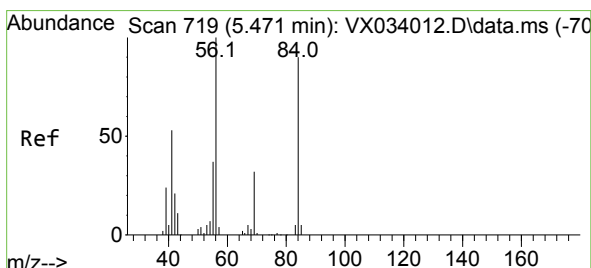
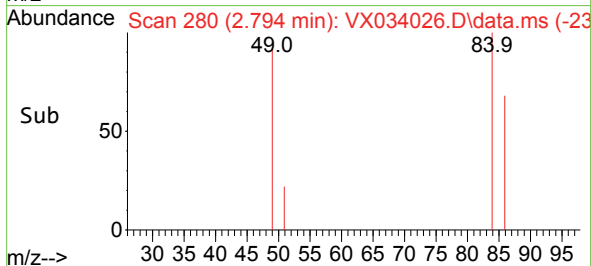
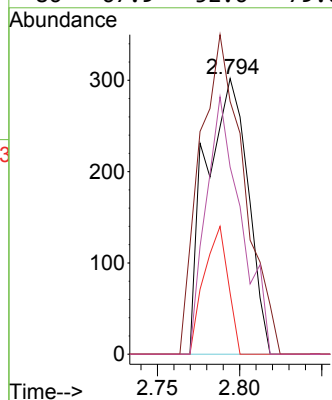
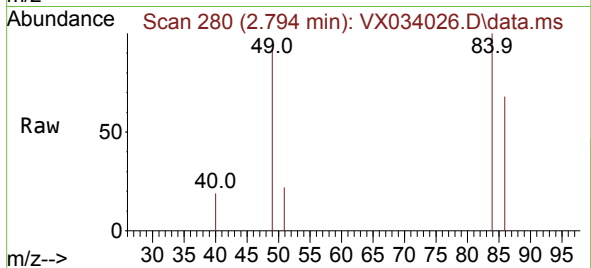
Ion Ratio Lower Upper

84 100

49 91.7 101.1 151.7#

51 22.2 31.0 46.6#

86 67.9 52.6 79.0



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034026.D

Acq: 06 Feb 2023 14:44

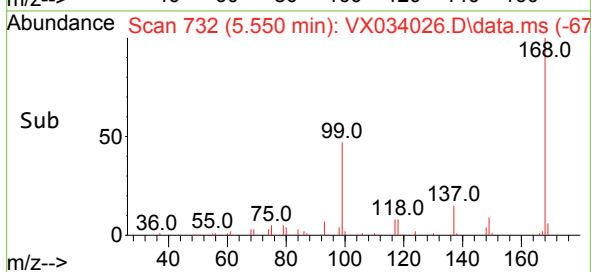
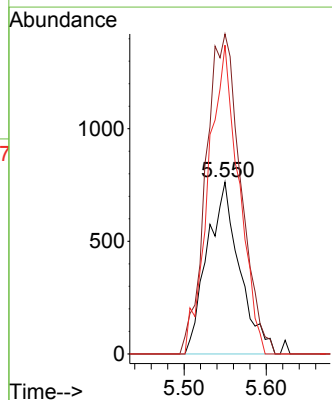
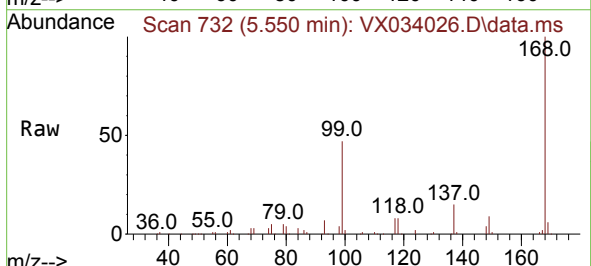
Tgt Ion: 56 Resp: 2087

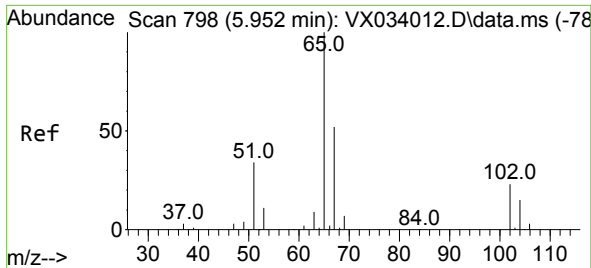
Ion Ratio Lower Upper

56 100

69 186.2 24.6 37.0#

84 179.7 71.0 106.6#

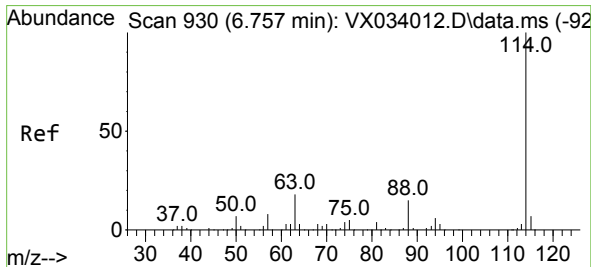
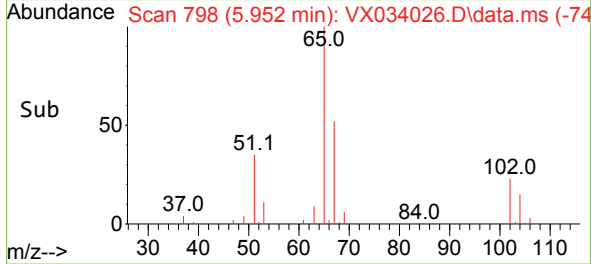
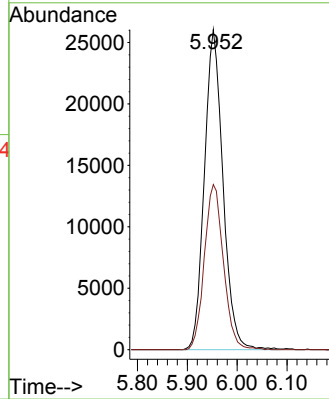
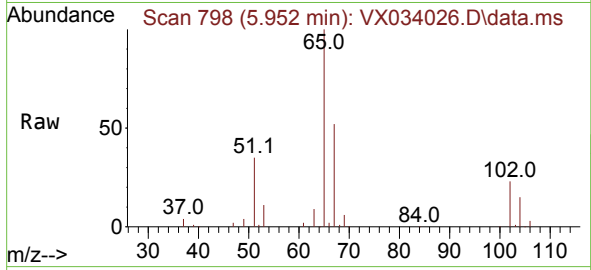




#33
 1,2-Dichloroethane-d4
 Concen: 47.506 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX034026.D
 Acq: 06 Feb 2023 14:44

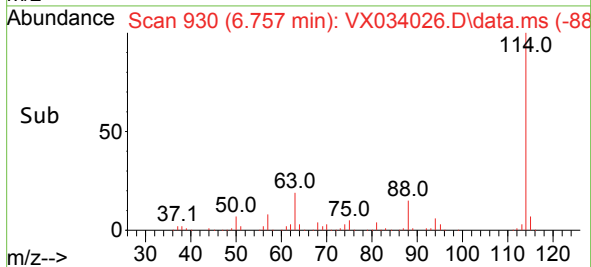
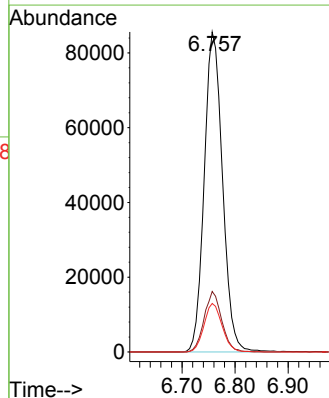
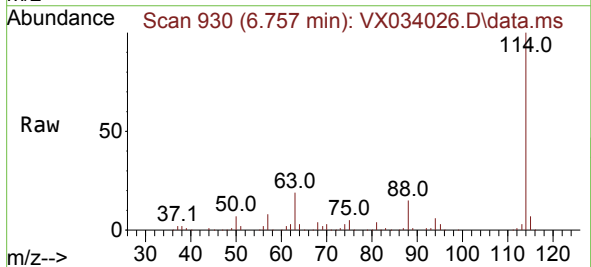
Instrument :
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 VX0207MBL01

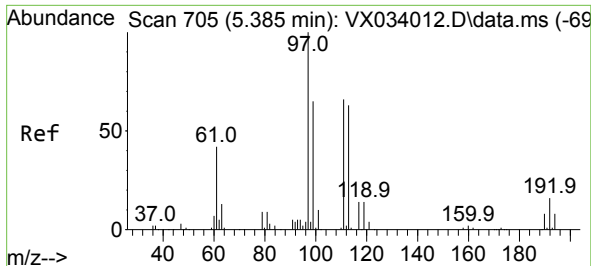
Tgt Ion: 65 Resp: 67547
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX034026.D
 Acq: 06 Feb 2023 14:44

Tgt Ion: 114 Resp: 205130
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.2 0.0 30.6

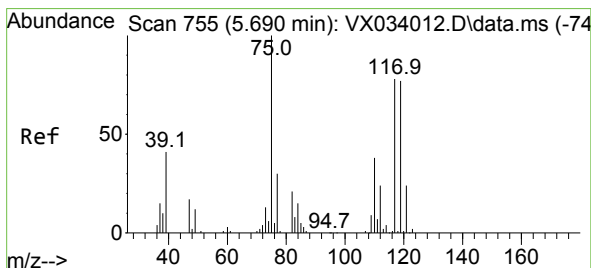
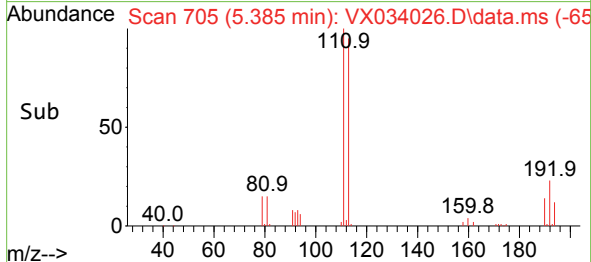
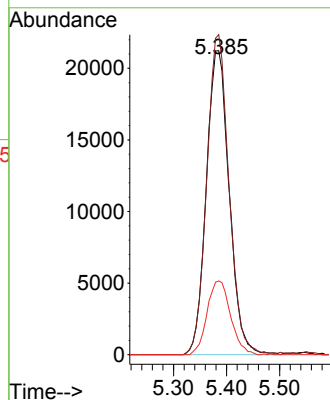
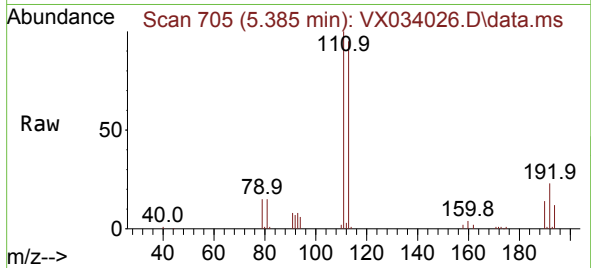




#35
Dibromofluoromethane
Concen: 48.840 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

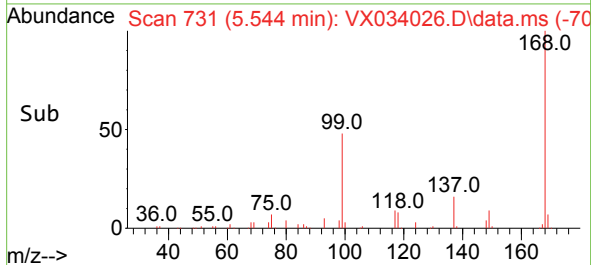
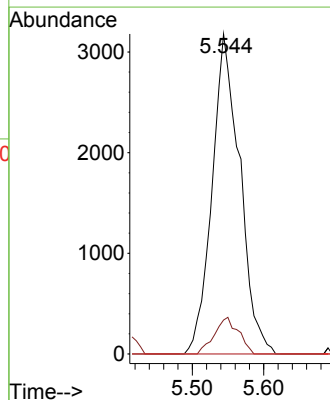
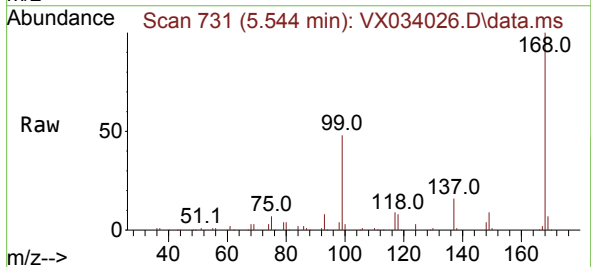
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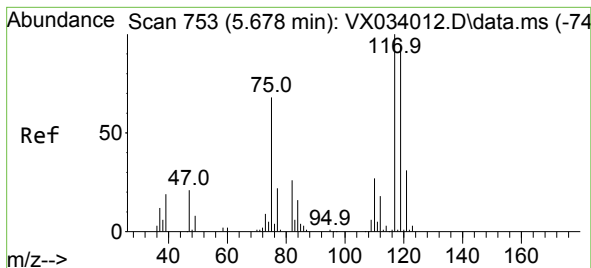
Tgt Ion:113 Resp: 63761
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 24.8 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.790 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Tgt Ion: 75 Resp: 8574
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.499 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034026.D

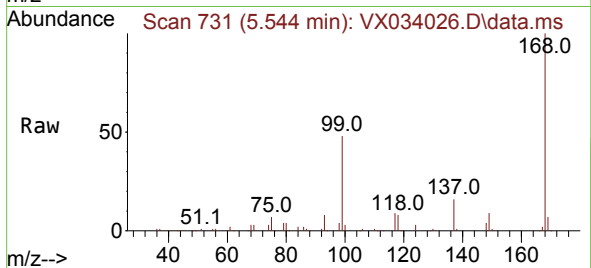
Acq: 06 Feb 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0207MBL01



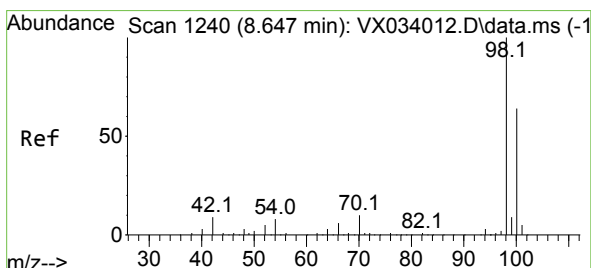
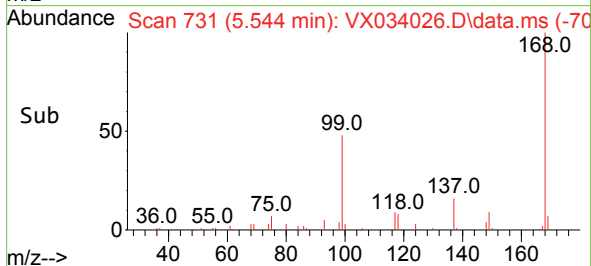
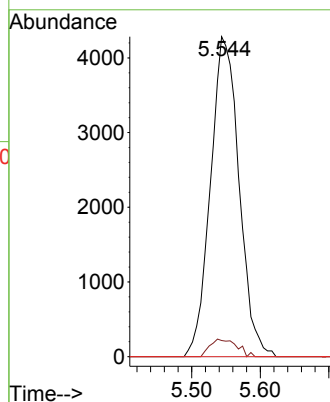
Tgt Ion:117 Resp: 12407

Ion Ratio Lower Upper

117 100

119 5.0 78.0 117.0#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.313 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034026.D

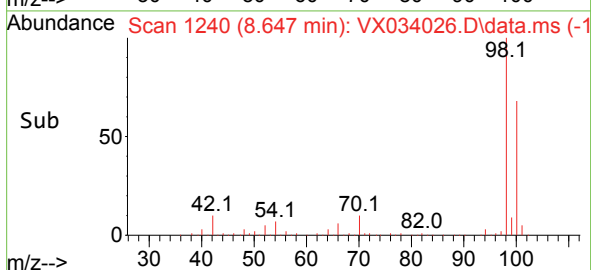
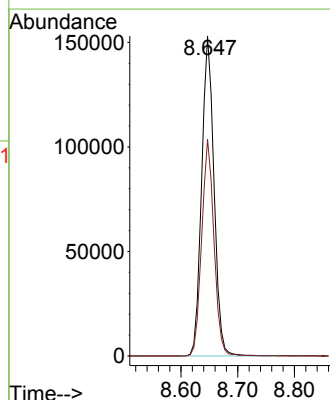
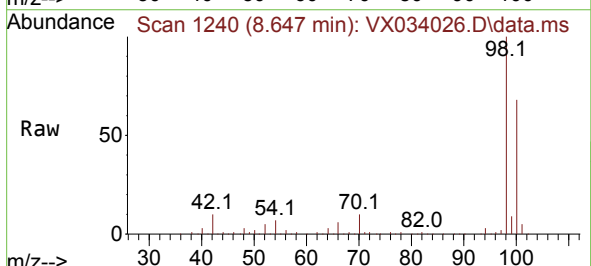
Acq: 06 Feb 2023 14:44

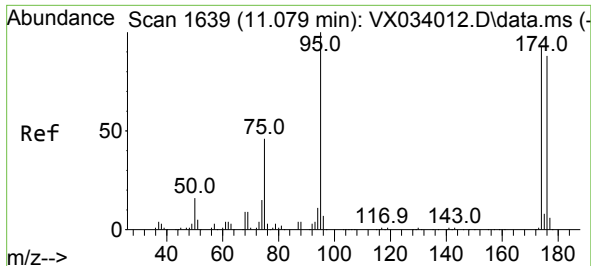
Tgt Ion: 98 Resp: 231952

Ion Ratio Lower Upper

98 100

100 67.2 53.6 80.4

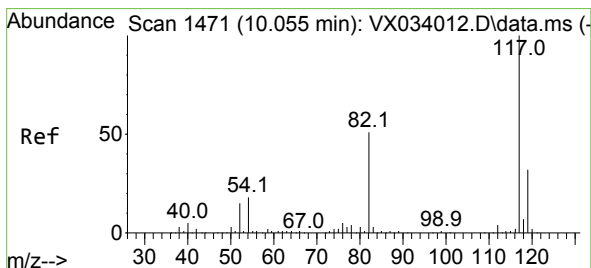
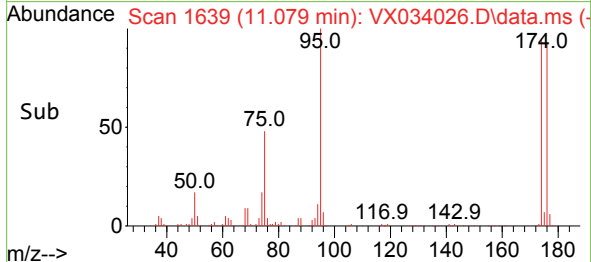
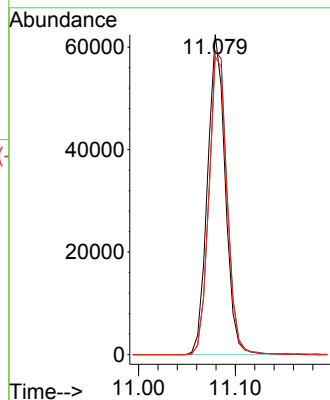
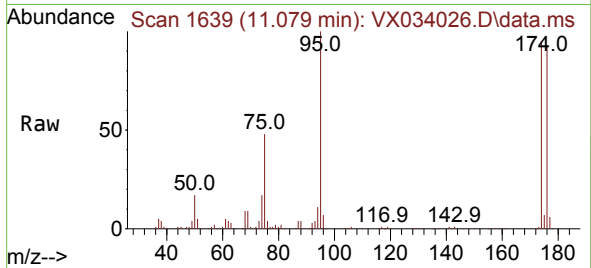




#62
4-Bromofluorobenzene
Concen: 47.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

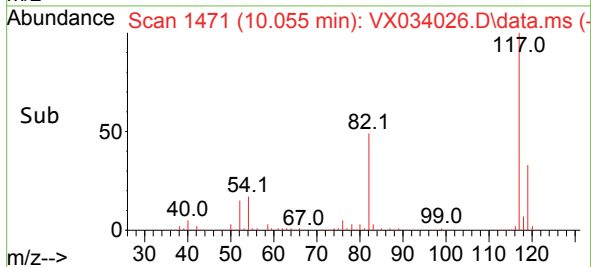
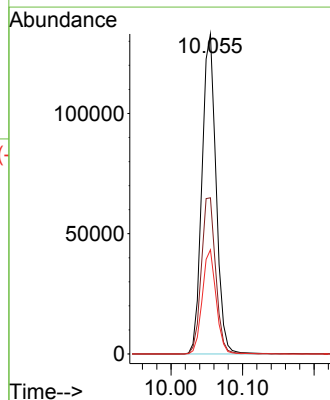
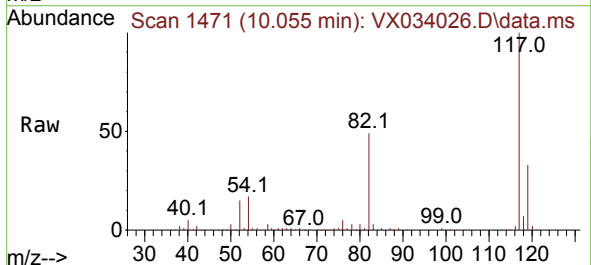
Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

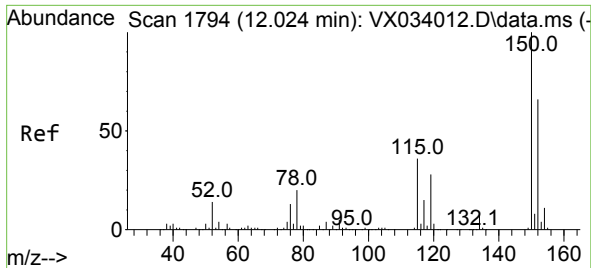
Tgt Ion: 95 Resp: 79628
Ion Ratio Lower Upper
95 100
174 97.6 0.0 184.4
176 95.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Tgt Ion: 117 Resp: 182260
Ion Ratio Lower Upper
117 100
82 48.8 40.6 60.8
119 32.6 25.6 38.4

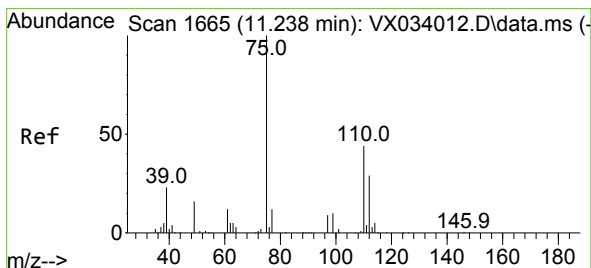
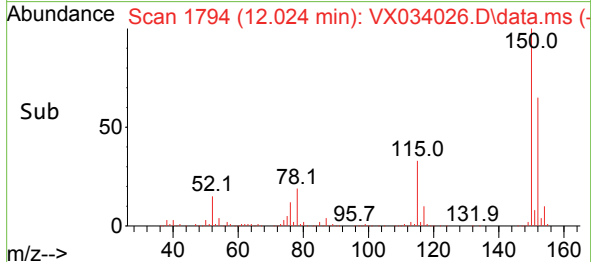
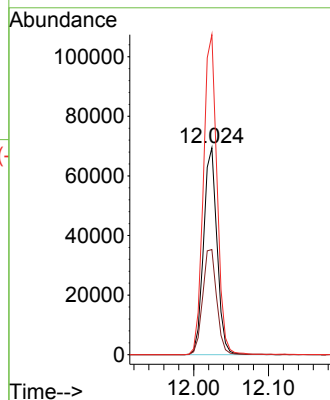
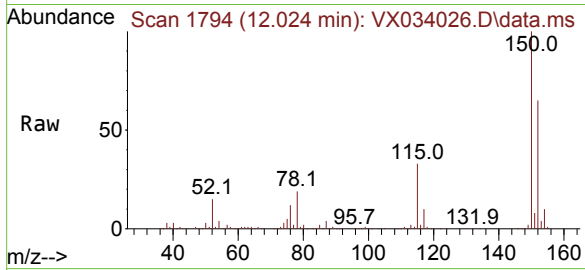




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034026.D
 Acq: 06 Feb 2023 14:44

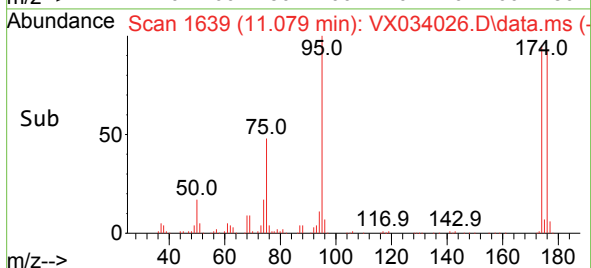
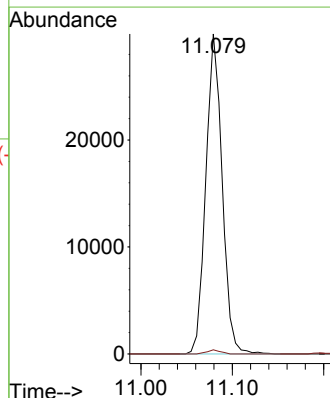
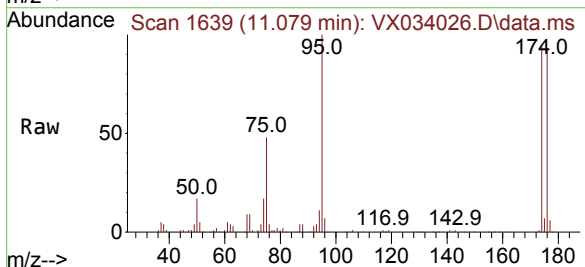
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207MBL01

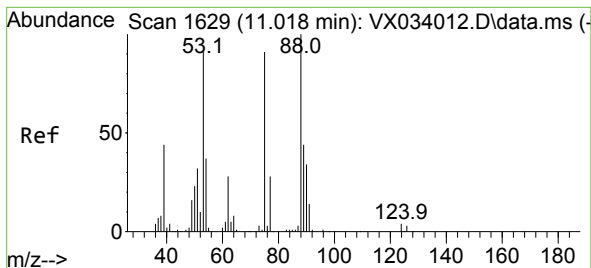
Tgt Ion:152 Resp: 86863
 Ion Ratio Lower Upper
 152 100
 115 52.9 38.7 116.1
 150 156.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.826 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034026.D
 Acq: 06 Feb 2023 14:44

Tgt Ion: 75 Resp: 37028
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#

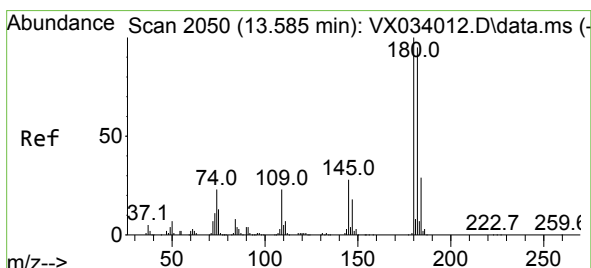
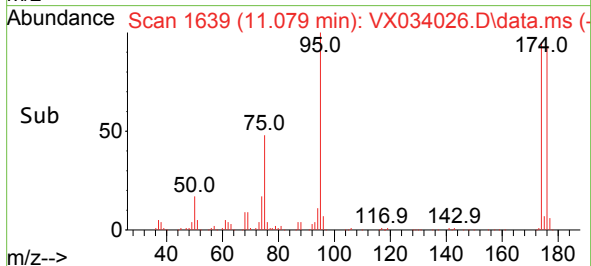
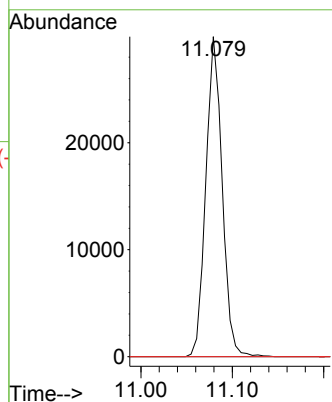
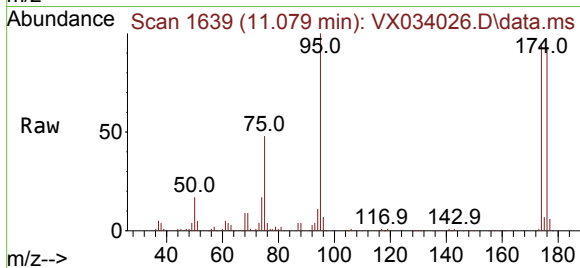




#81
trans-1,4-Dichloro-2-butene
Concen: 76.455 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

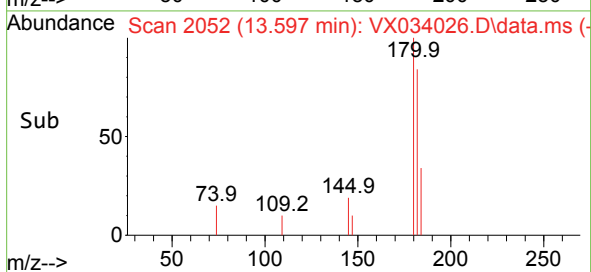
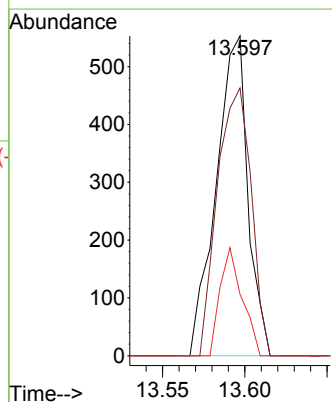
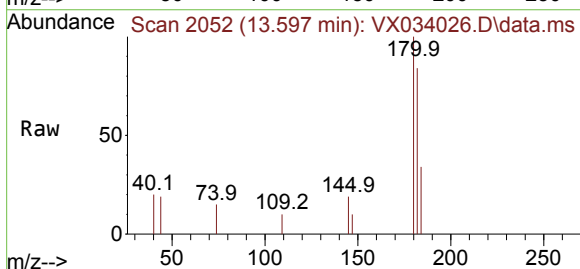
Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

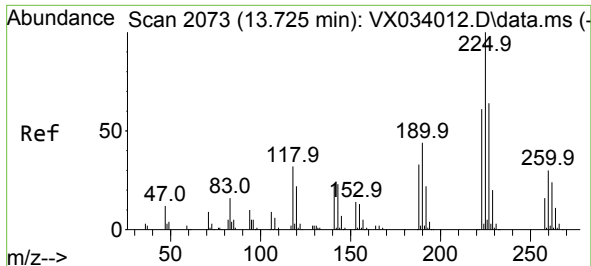
Tgt Ion: 75 Resp: 37028
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.364 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

Tgt Ion: 180 Resp: 741
Ion Ratio Lower Upper
180 100
182 88.9 47.9 143.6
145 23.6 14.1 42.2

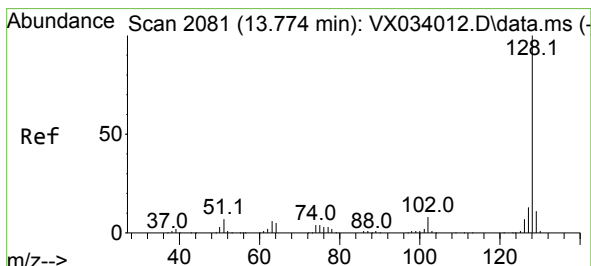
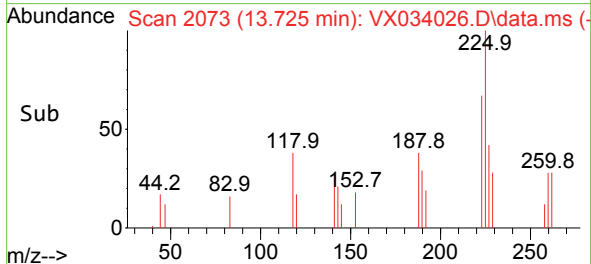
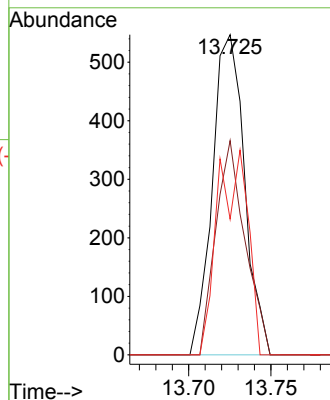
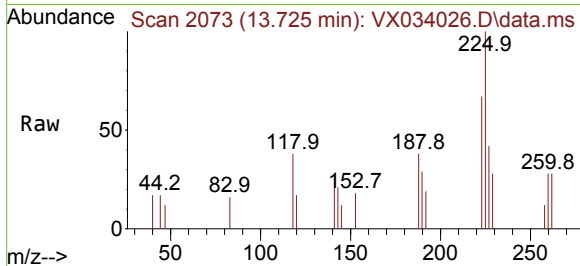




#94
Hexachlorobutadiene
Concen: 0.737 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

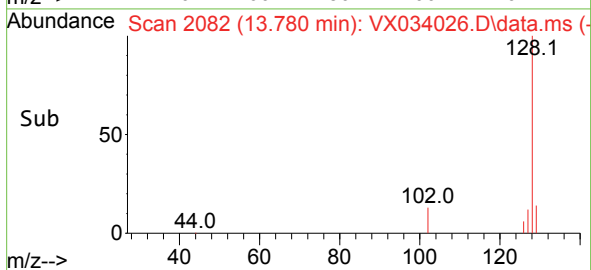
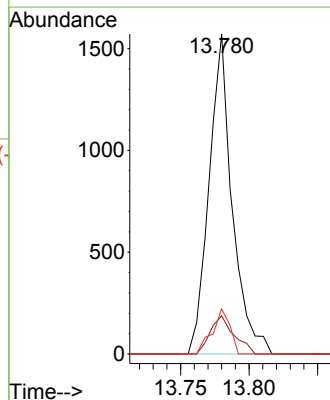
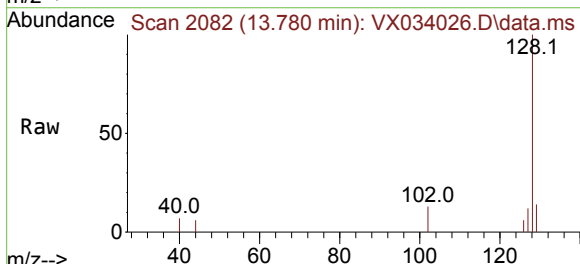
Instrument :
MSVOA_X
ClientSampleId :
VX0207MBL01

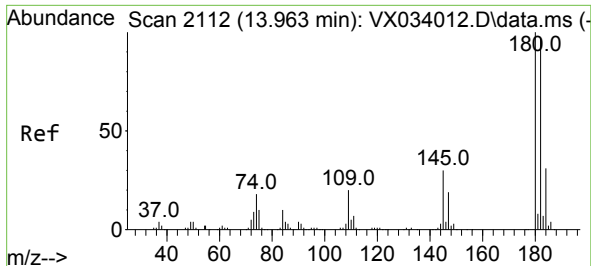
Tgt Ion:	225	Resp:	743
Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.3	93.9
227	60.4	32.3	96.9



#95
Naphthalene
Concen: 0.329 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034026.D
Acq: 06 Feb 2023 14:44

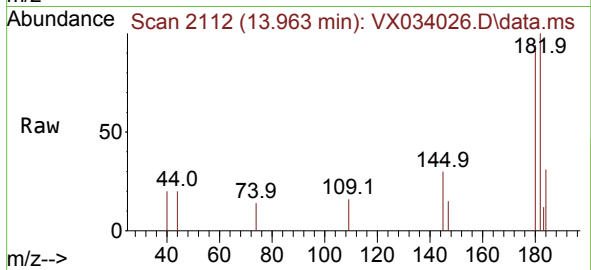
Tgt Ion:	128	Resp:	1842
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.295 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX034026.D
 Acq: 06 Feb 2023 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207MBL01



Tgt Ion:	180	Resp:	603
Ion	Ratio	Lower	Upper
180	100		
182	107.8	47.6	142.9
145	25.2	15.1	45.3

