

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039471.D
 Acq On : 26 Dec 2023 16:35
 Operator : JC/MD
 Sample : 06019-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 04:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

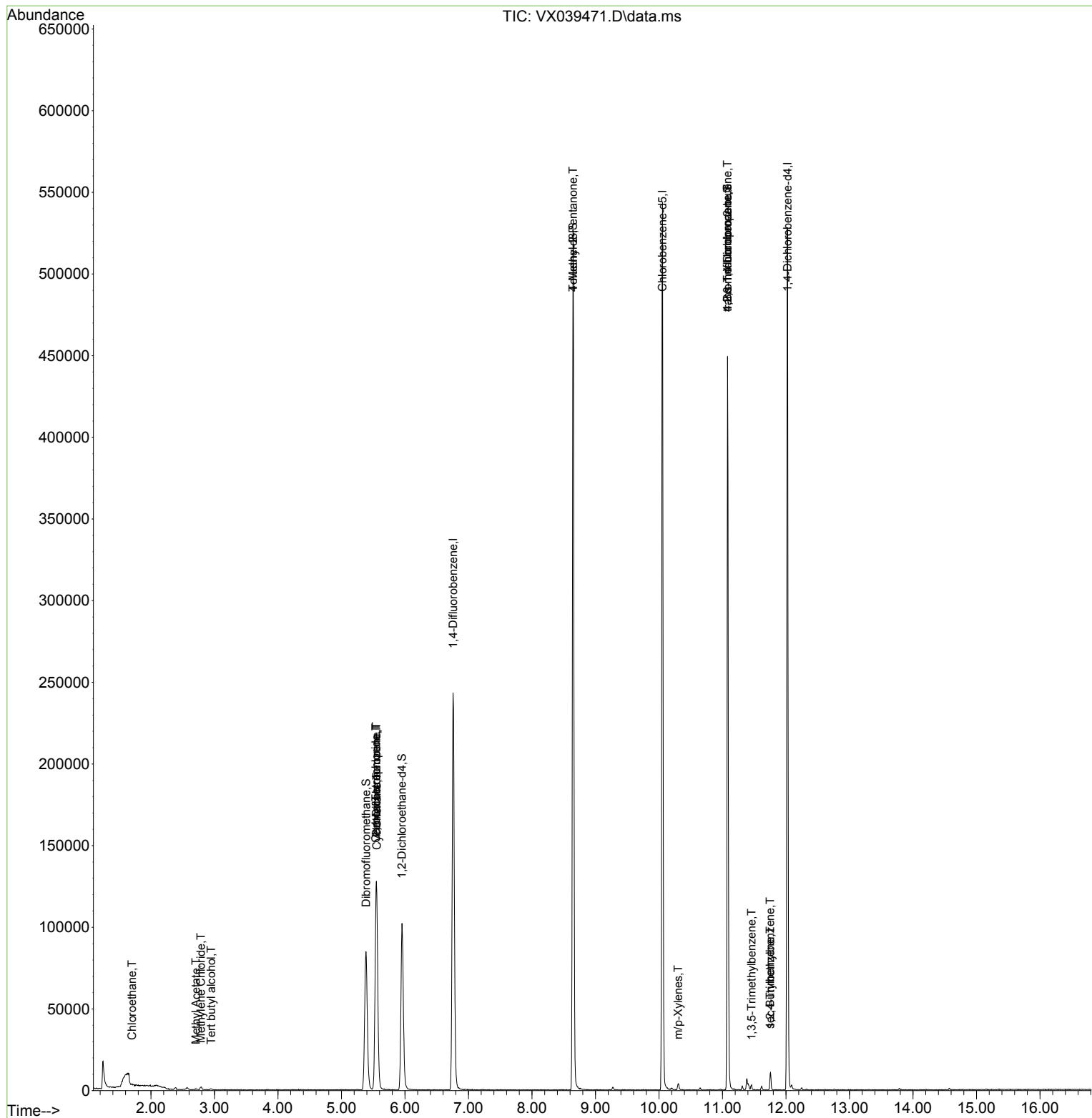
Internal Standards						
1) Pentafluorobenzene	5.550	168	111034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98876	48.610	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.220%		
35) Dibromofluoromethane	5.385	113	74986	46.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.647	98	298254	49.706	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	121432	49.049	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	1213	1.251	ug/l #	43
11) Tert butyl alcohol	2.947	59	443	0.867	ug/l #	78
16) Acetone	2.380	43	1279	Below Cal		98
18) Methyl Acetate	2.709	43	923	0.210	ug/l #	69
20) Methylene Chloride	2.788	84	890	0.525	ug/l	95
31) Cyclohexane	5.556	56	3217	1.224	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10928	4.285	ug/l #	47
38) Carbon Tetrachloride	5.544	117	12397	5.093	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1606	0.492	ug/l #	1
68) m/p-Xylenes	10.299	106	984	0.291	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	66063	25.203	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1737	0.261	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	66063	71.099	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	5231	0.766	ug/l	96
85) sec-Butylbenzene	11.750	105	5231	0.649	ug/l #	57

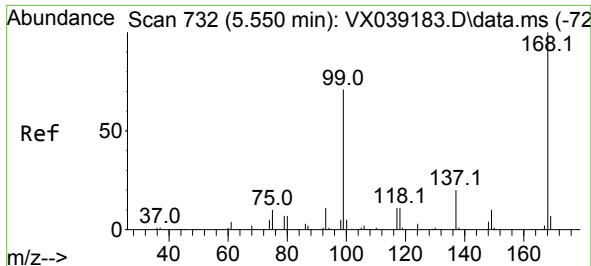
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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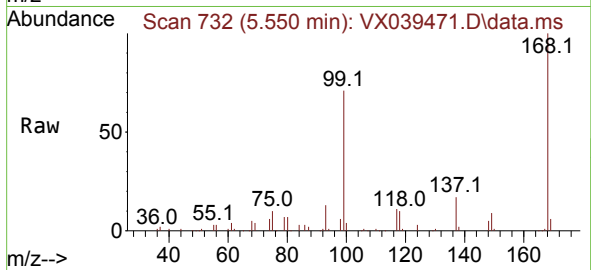


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

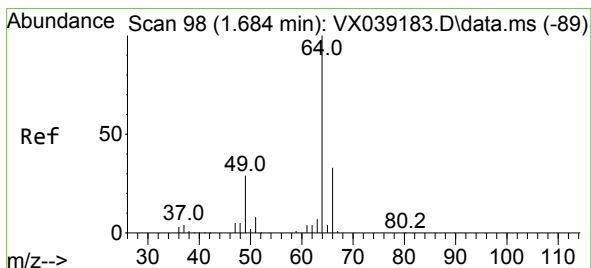
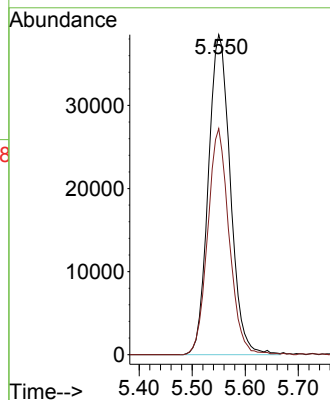
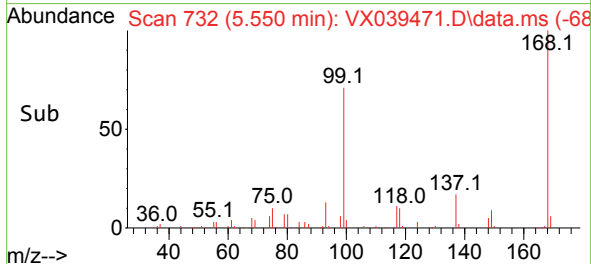
Instrument :

MSVOA_X

ClientSampleId :

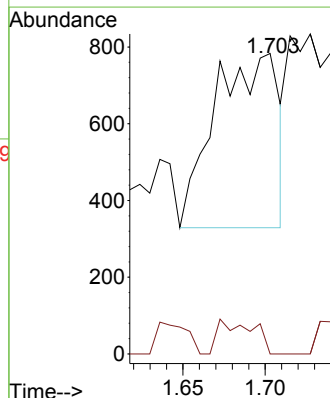
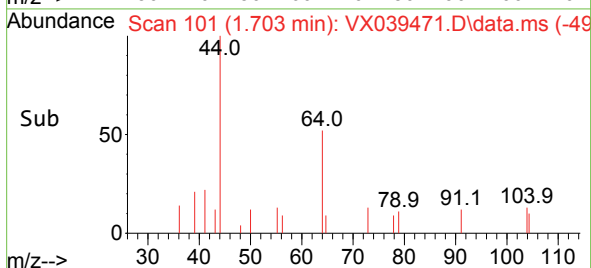
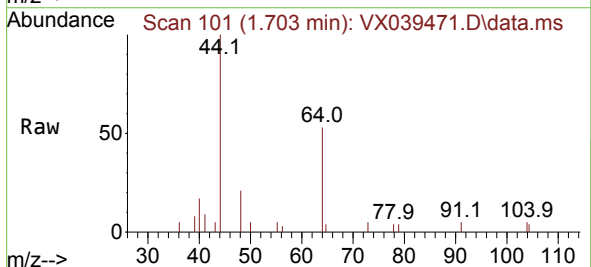


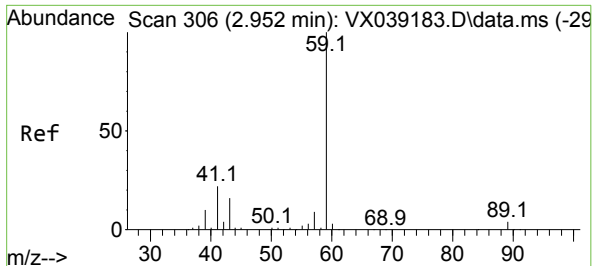
Tgt Ion:168 Resp: 111034
Ion Ratio Lower Upper
168 100
99 70.7 56.6 85.0



#6
Chloroethane
Concen: 1.251 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.019 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 64 Resp: 1213
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.867 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

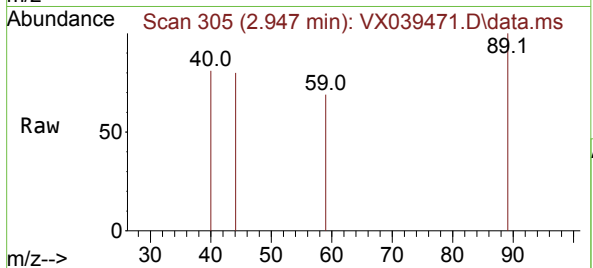
Lab File: VX039471.D

Acq: 26 Dec 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

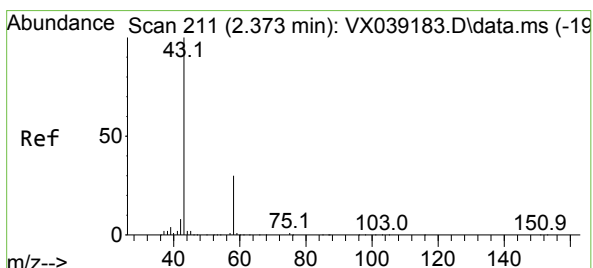
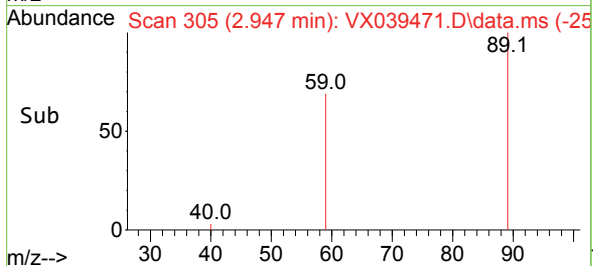
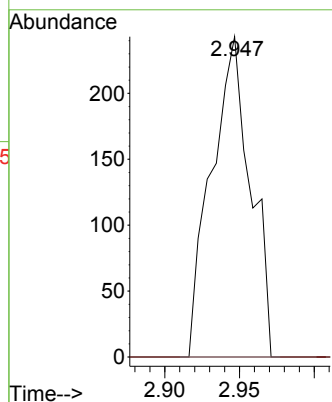


Tgt Ion: 59 Resp: 443

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039471.D

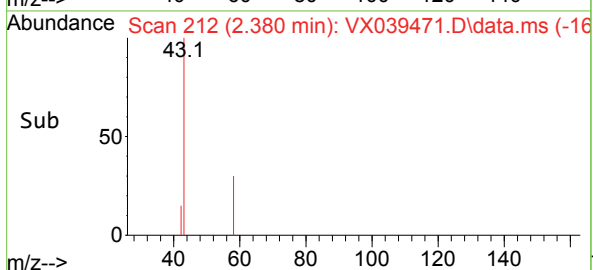
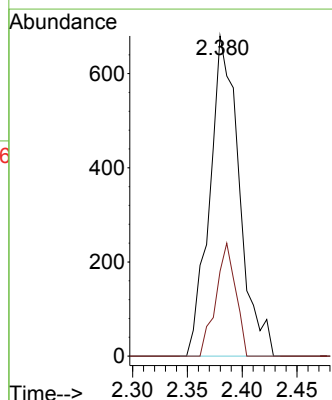
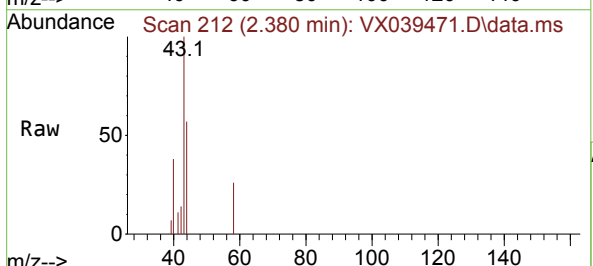
Acq: 26 Dec 2023 16:35

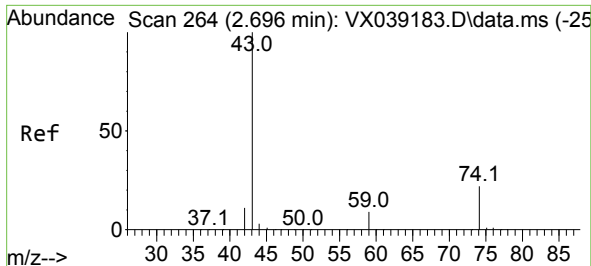
Tgt Ion: 43 Resp: 1279

Ion Ratio Lower Upper

43 100

58 26.5 21.9 32.9

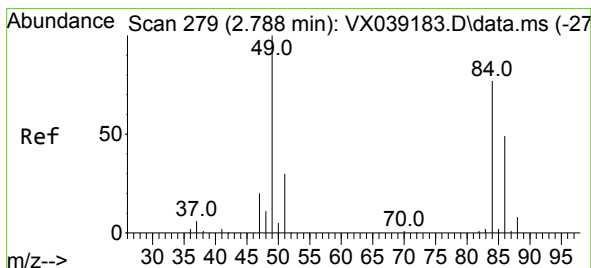
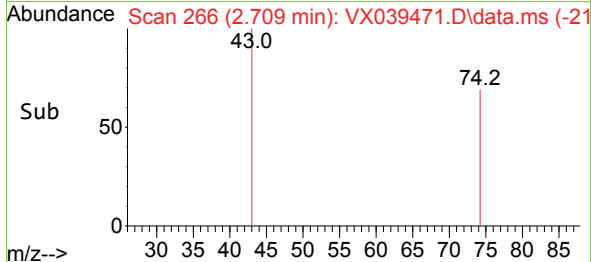
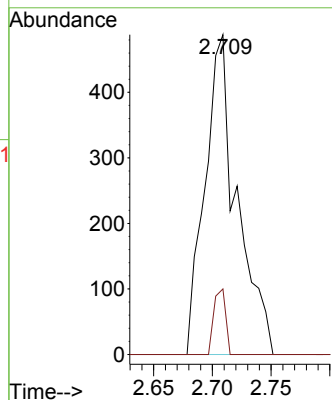
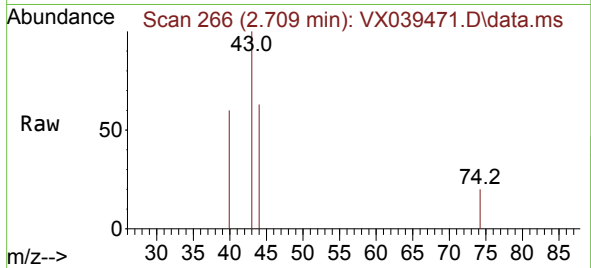




#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.013 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

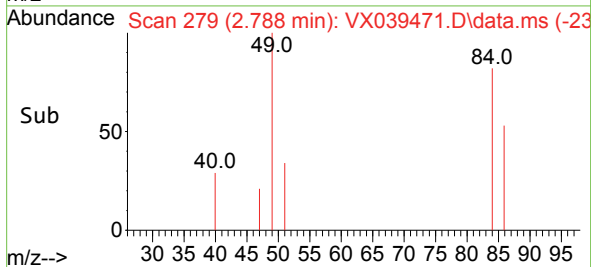
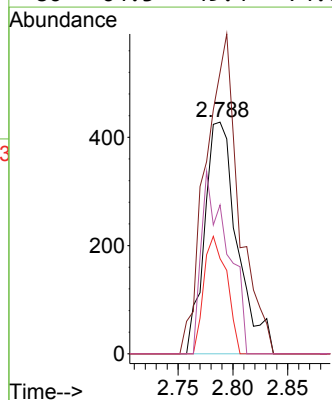
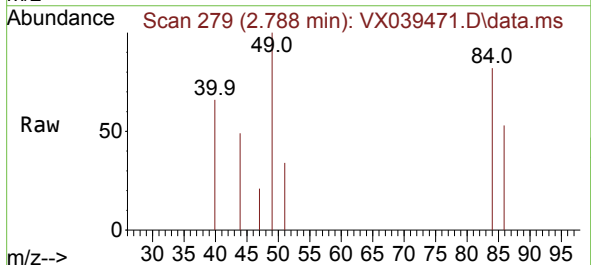
Instrument :
MSVOA_X
ClientSampleId :

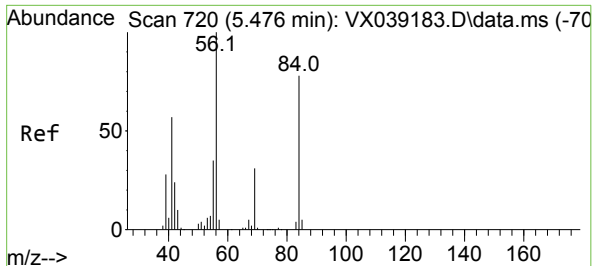
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
74 7.5 17.8 26.8#



#20
Methylene Chloride
Concen: 0.525 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

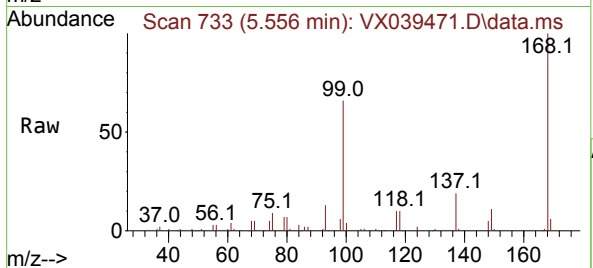
Tgt Ion: 84 Resp: 890
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 41.1 33.8 50.6
86 64.3 49.4 74.0



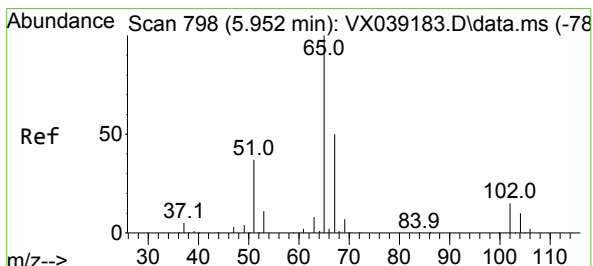
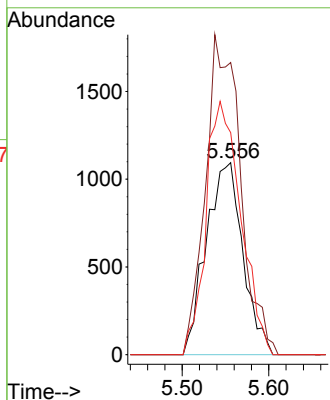
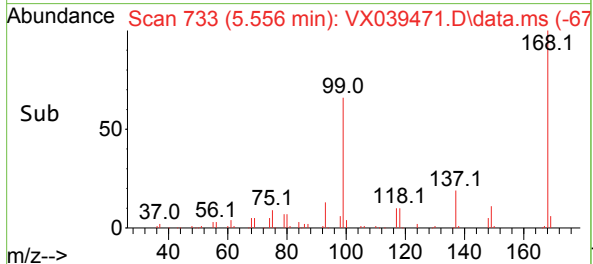


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :

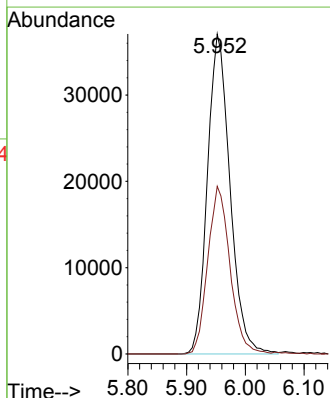
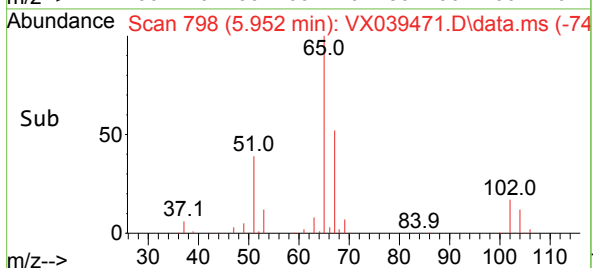
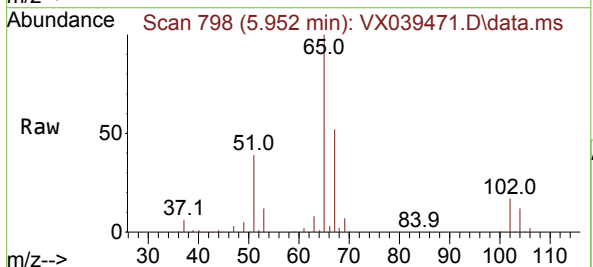


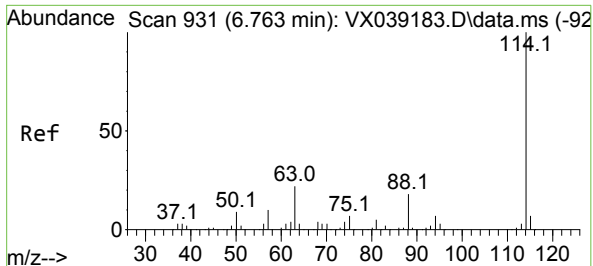
Tgt Ion: 56 Resp: 3217
Ion Ratio Lower Upper
56 100
69 152.2 23.4 35.2#
84 115.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.610 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 65 Resp: 98876
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

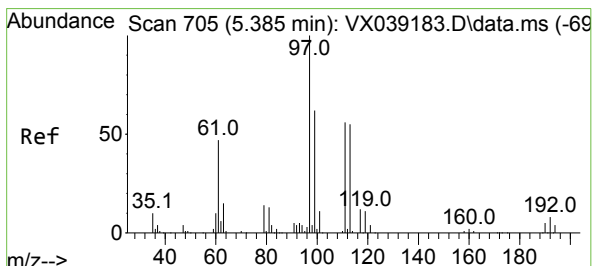
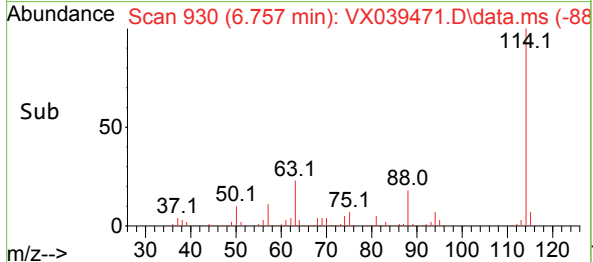
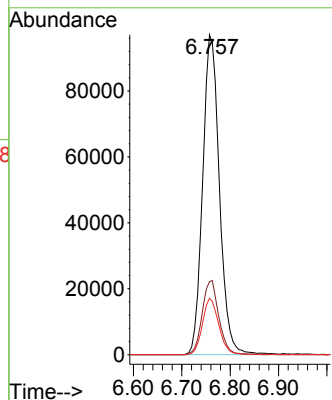
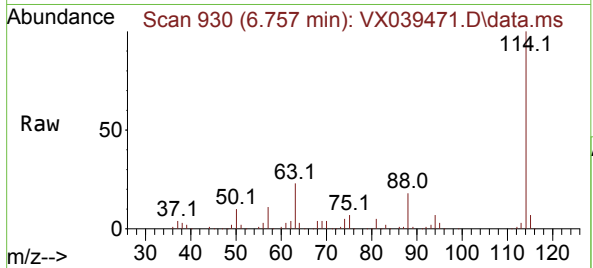




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

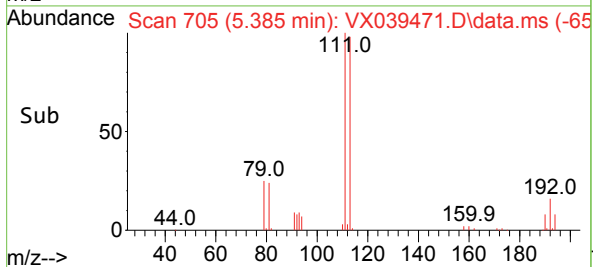
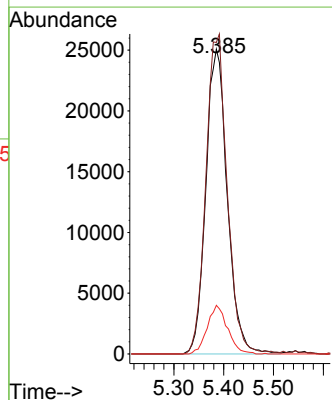
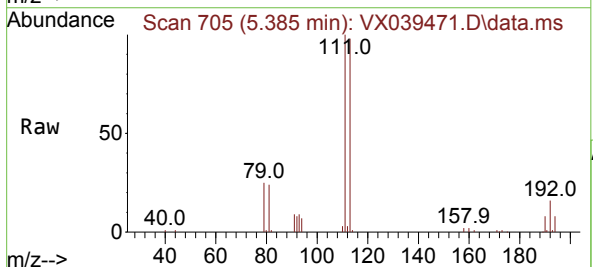
Instrument :
MSVOA_X
ClientSampleId :

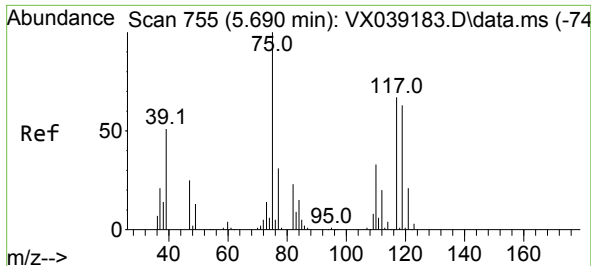
Tgt Ion:114 Resp: 233949
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

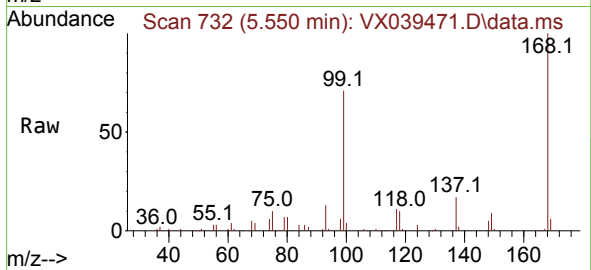
Tgt Ion:113 Resp: 74986
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.1 13.3 19.9



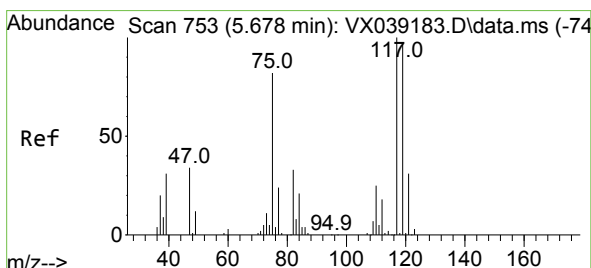
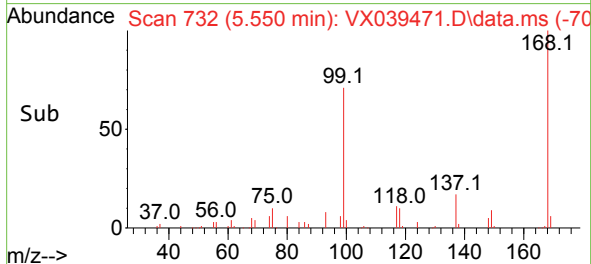
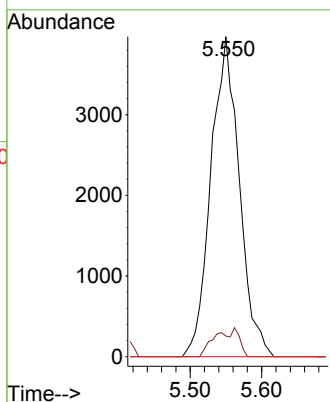


#36
 1,1-Dichloropropene
 Concen: 4.285 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX039471.D
 Acq: 26 Dec 2023 16:35

Instrument :
 MSVOA_X
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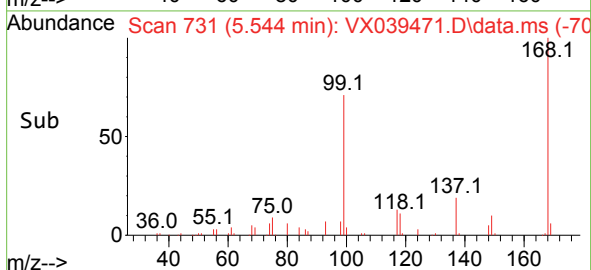
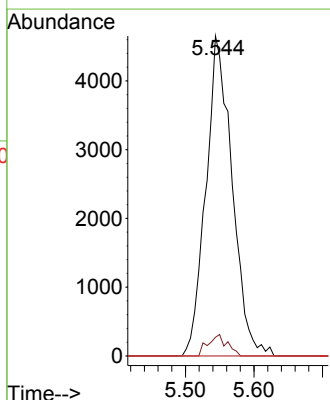
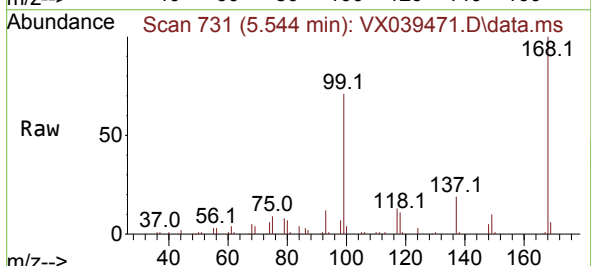


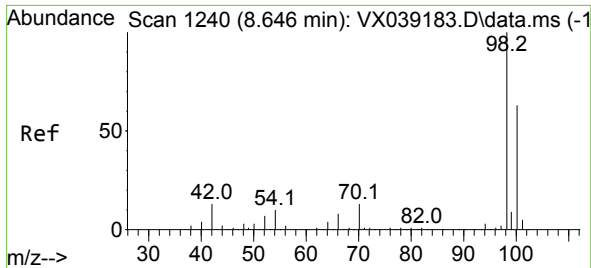
Tgt Ion: 75 Resp: 10928
 Ion Ratio Lower Upper
 75 100
 110 5.2 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.093 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX039471.D
 Acq: 26 Dec 2023 16:35

Tgt Ion: 117 Resp: 12397
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.2 117.2#
 121 0.0 24.4 36.6#

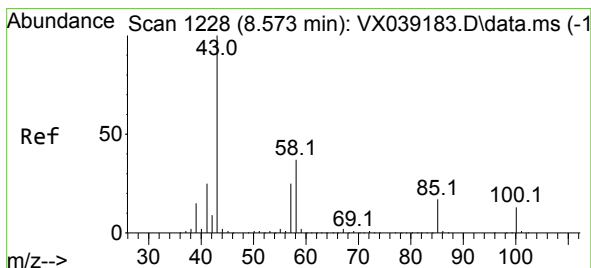
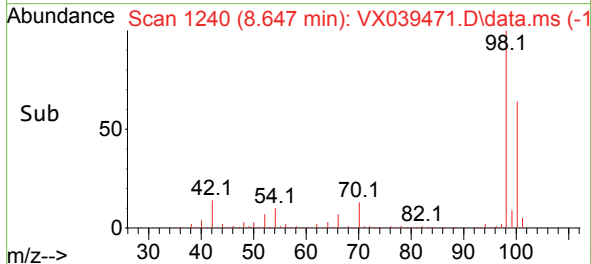
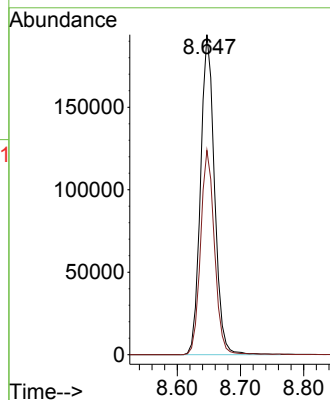
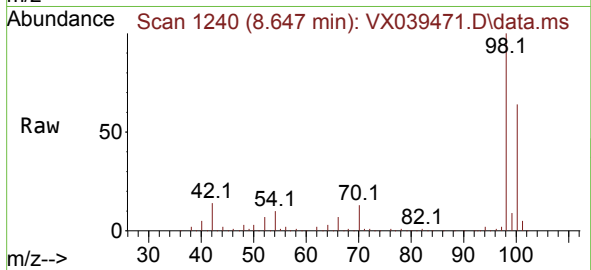




#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

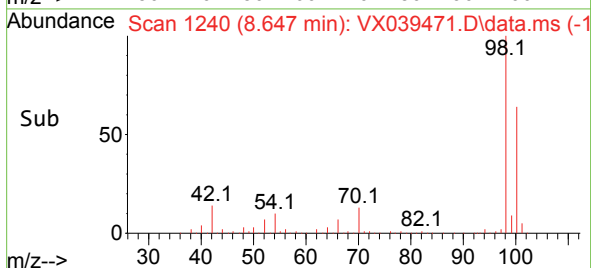
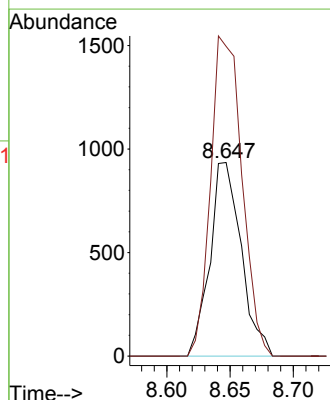
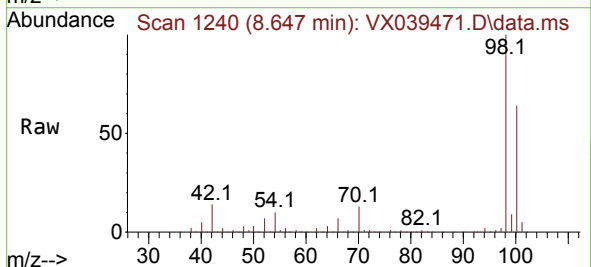
Instrument :
MSVOA_X
ClientSampleId :

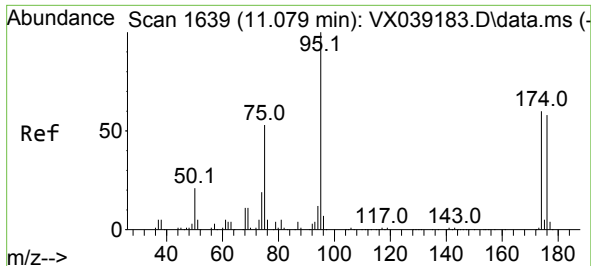
Tgt Ion: 98 Resp: 298254
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 166.3 30.4 45.6#

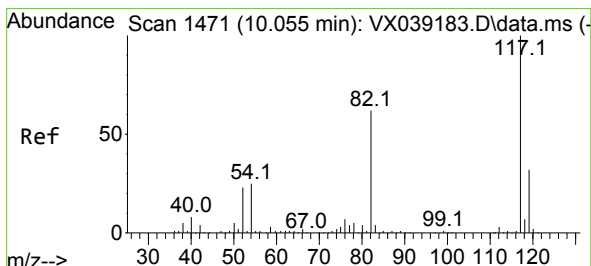
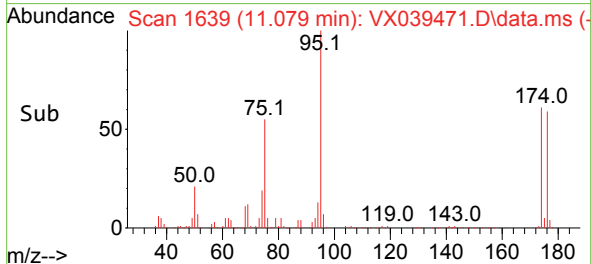
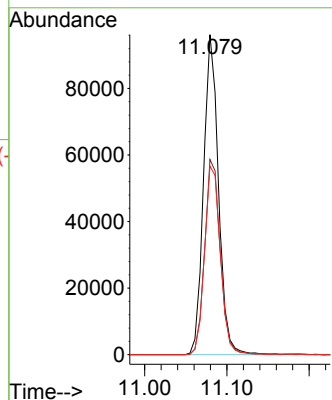
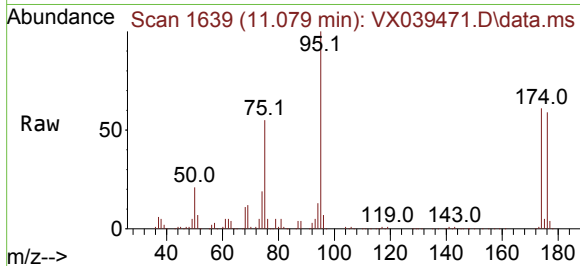




#62
4-Bromofluorobenzene
Concen: 49.049 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

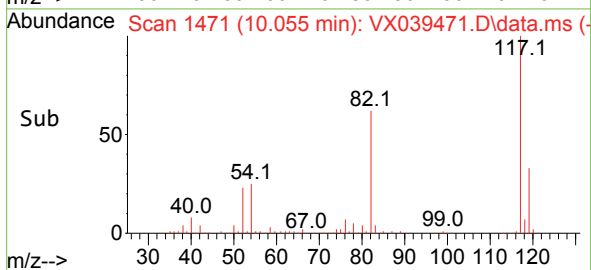
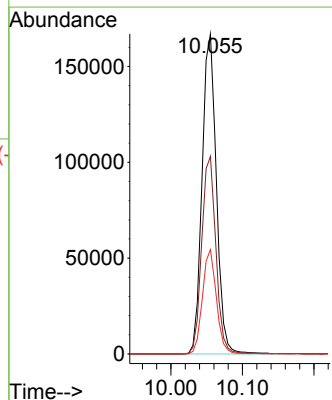
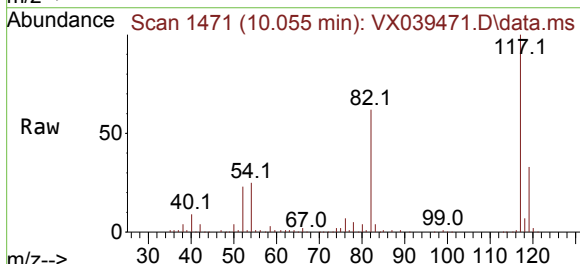
Instrument :
MSVOA_X
ClientSampleId :

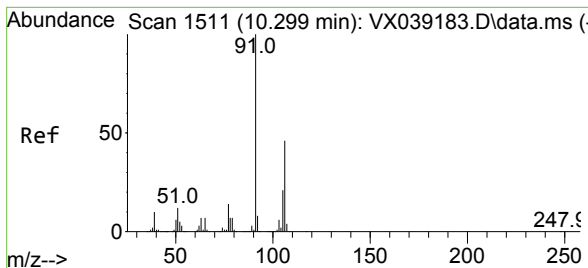
Tgt Ion: 95 Resp: 121432
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 117 Resp: 231821
Ion Ratio Lower Upper
117 100
82 61.7 46.2 69.4
119 32.6 25.5 38.3

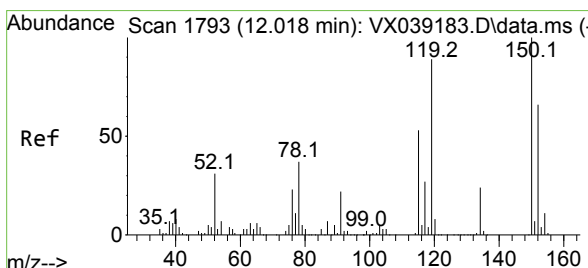
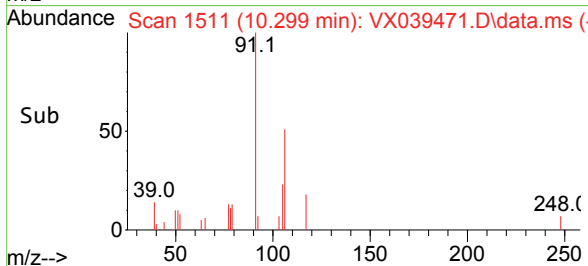
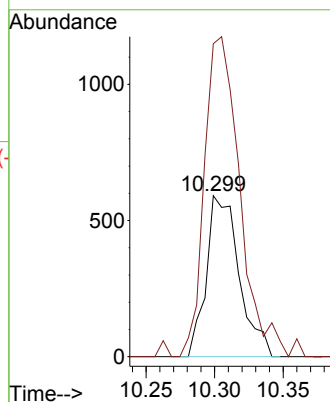
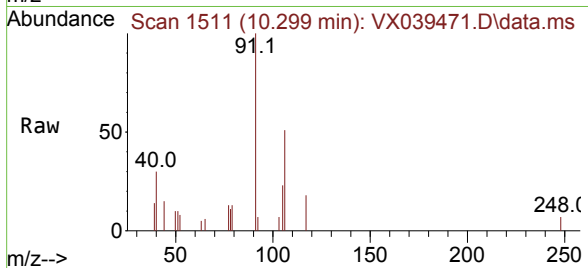




#68
m/p-Xylenes
Concen: 0.291 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

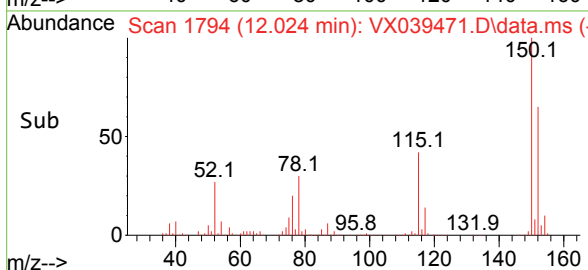
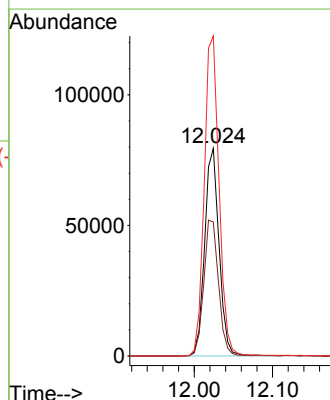
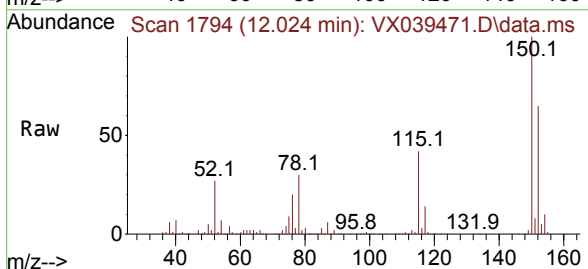
Instrument :
MSVOA_X
ClientSampleId :

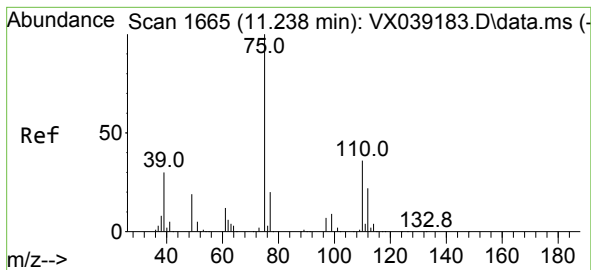
Tgt Ion:106 Resp: 984
Ion Ratio Lower Upper
106 100
91 214.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion:152 Resp: 101315
Ion Ratio Lower Upper
152 100
115 66.9 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.203 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039471.D

Acq: 26 Dec 2023 16:35

Instrument :

MSVOA_X

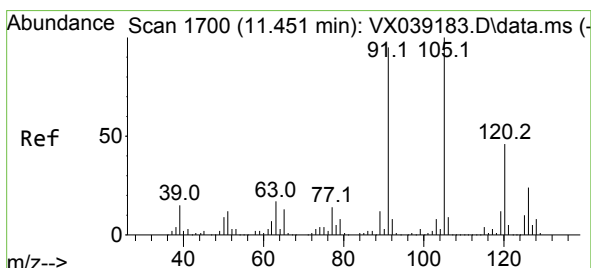
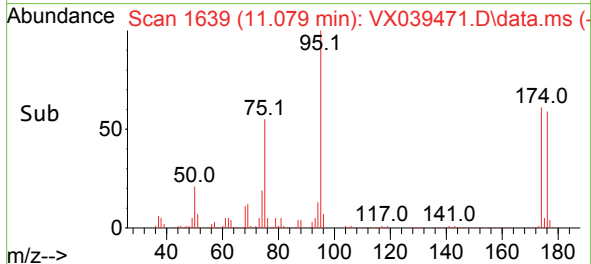
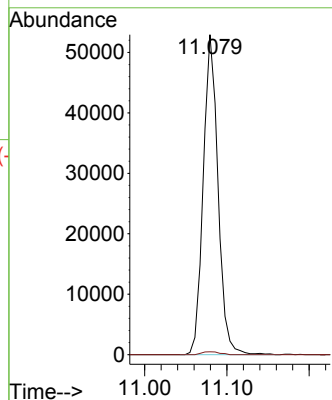
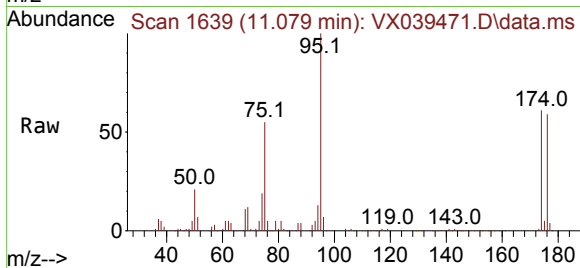
ClientSampleId :

Tgt Ion: 75 Resp: 66063

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.261 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX039471.D

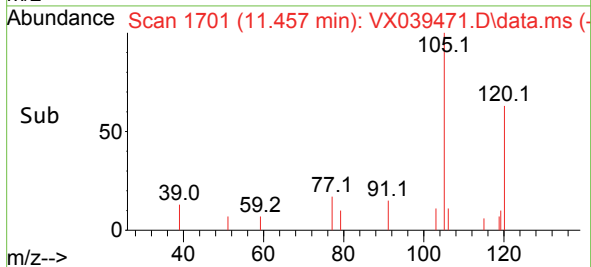
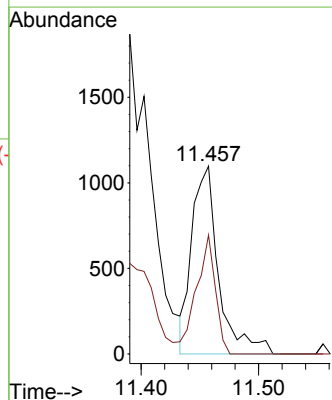
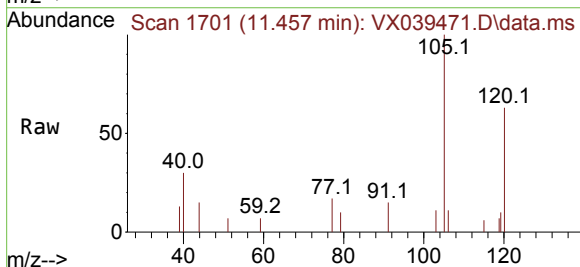
Acq: 26 Dec 2023 16:35

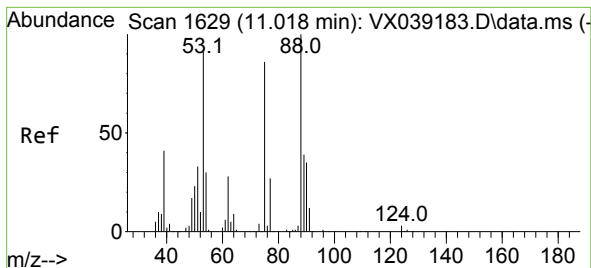
Tgt Ion:105 Resp: 1737

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3

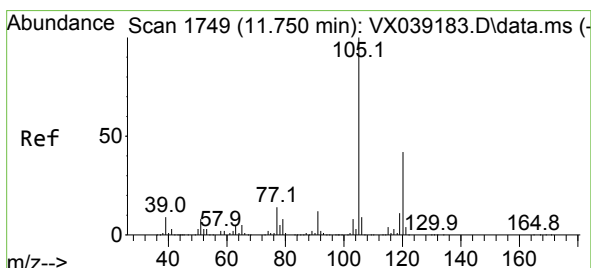
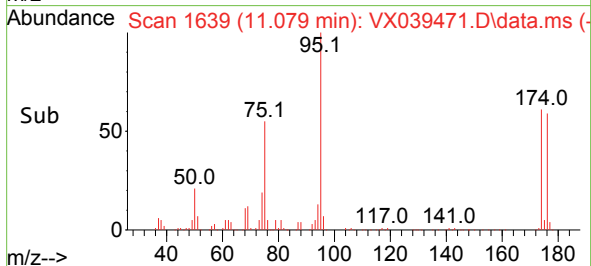
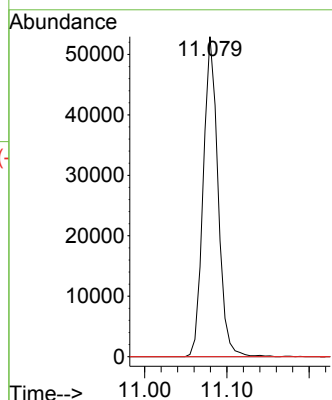
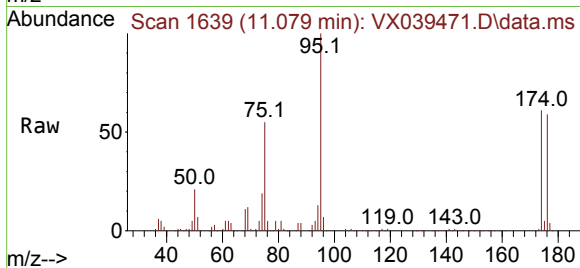




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.099 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX039471.D
 Acq: 26 Dec 2023 16:35

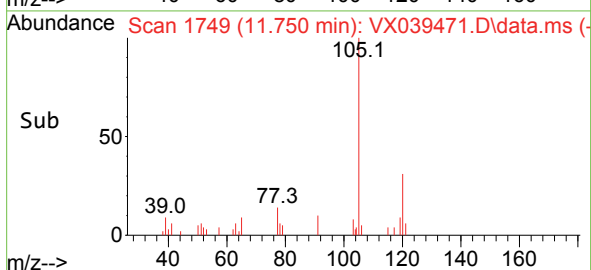
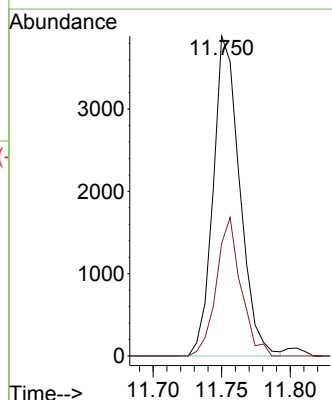
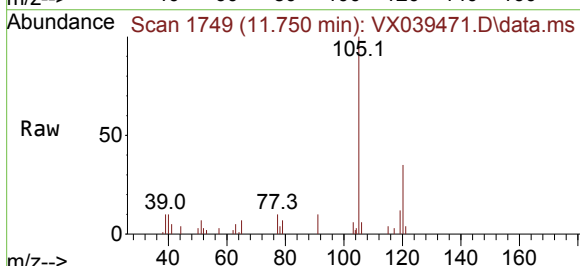
Instrument :
 MSVOA_X
 ClientSampleId :

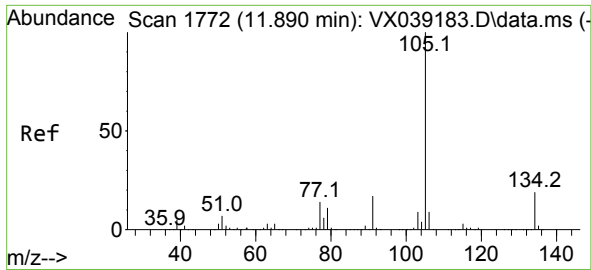
Tgt Ion: 75 Resp: 66063
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.766 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX039471.D
 Acq: 26 Dec 2023 16:35

Tgt Ion: 105 Resp: 5231
 Ion Ratio Lower Upper
 105 100
 120 39.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.649 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX039471.D
 Acq: 26 Dec 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 5231
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

