

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037134.D
 Acq On : 21 Aug 2023 16:32
 Operator : JC/MD
 Sample : 04086-13
 Misc : 4.99g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

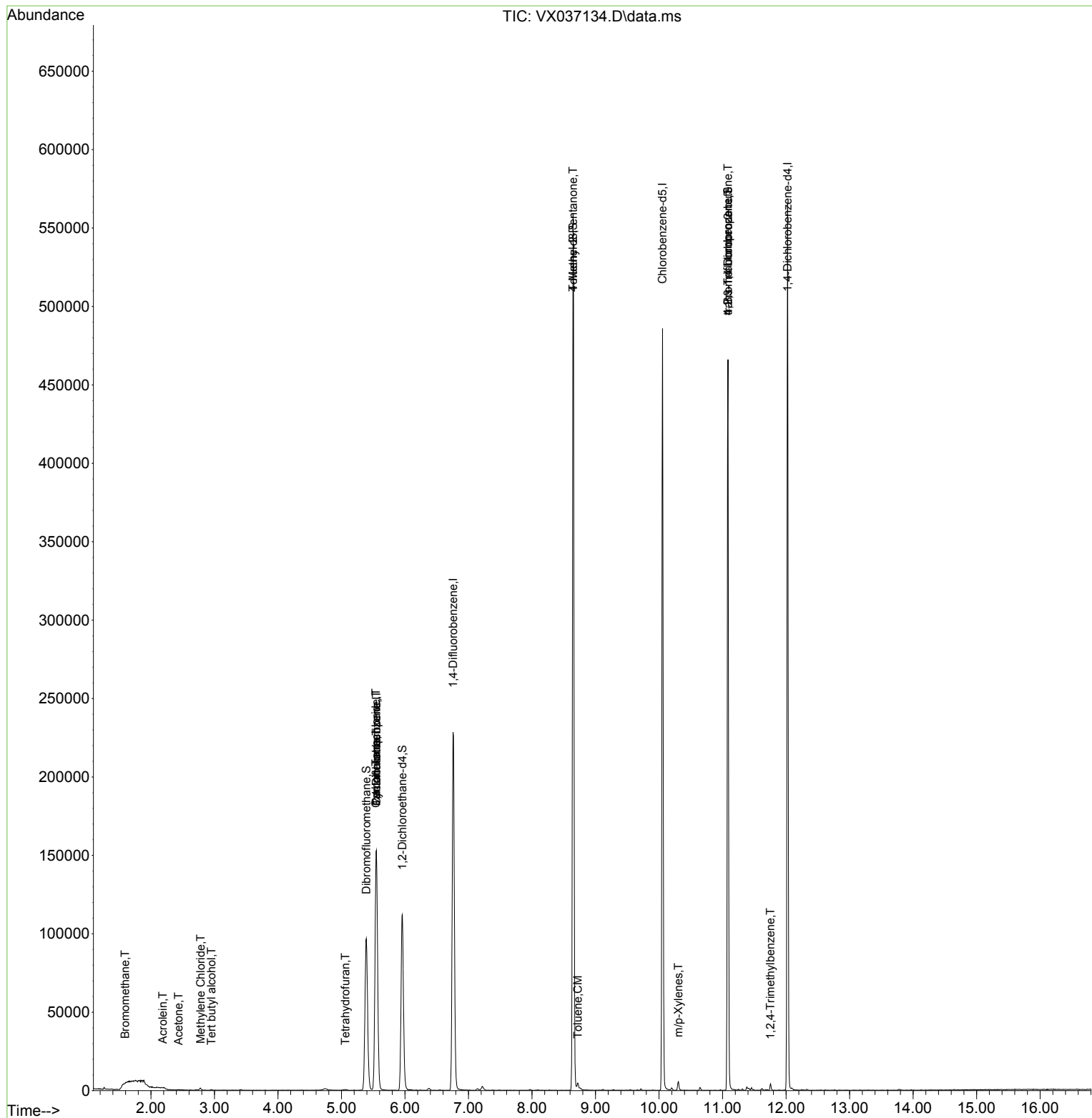
Internal Standards						
1) Pentafluorobenzene	5.549	168	144150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	238483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112277	54.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.060%			
35) Dibromofluoromethane	5.391	113	84740	53.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	8.646	98	329537	57.519	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.040%#			
62) 4-Bromofluorobenzene	11.085	95	130857	58.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.240%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	214	0.269	ug/l #	44
11) Tert butyl alcohol	2.952	59	162	0.332	ug/l #	78
13) Acrolein	2.184	56	78	0.210	ug/l #	1
16) Acetone	2.434	43	525	0.646	ug/l #	47
20) Methylene Chloride	2.782	84	608	0.334	ug/l #	68
29) Tetrahydrofuran	5.062	42	435	0.557	ug/l #	52
31) Cyclohexane	5.549	56	3001	1.284	ug/l #	2
36) 1,1-Dichloropropene	5.549	75	11482	5.117	ug/l #	51
38) Carbon Tetrachloride	5.543	117	15284	6.270	ug/l #	14
51) 4-Methyl-2-Pentanone	8.646	43	1246	0.564	ug/l #	1
52) Toluene	8.720	92	1712	0.403	ug/l	95
68) m/p-Xylenes	10.305	106	1486	0.472	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	67650	27.580	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	67650	77.033	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2123	0.301	ug/l	94

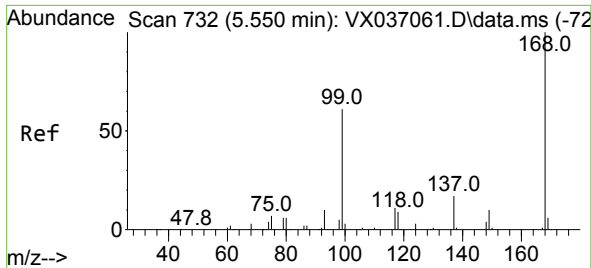
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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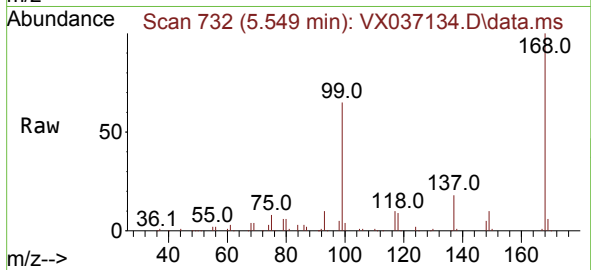
Quant Time: Aug 22 05:58:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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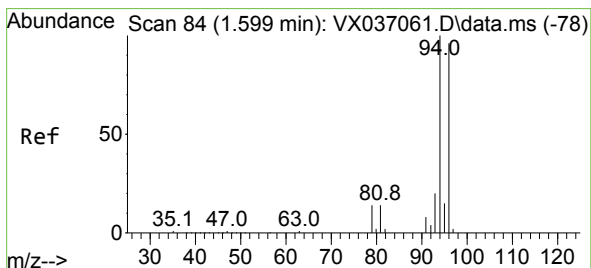
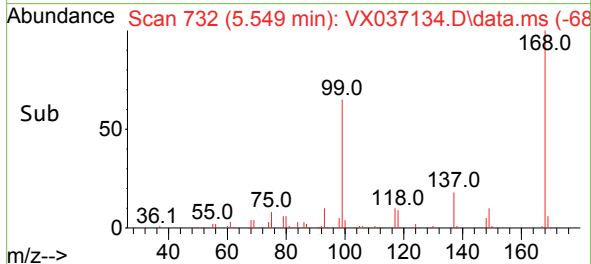
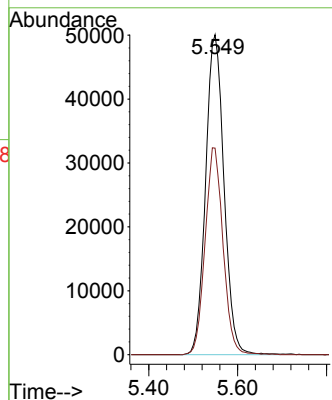


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :

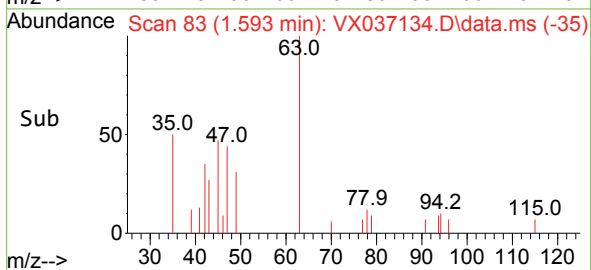
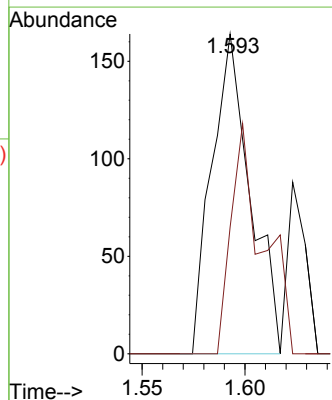
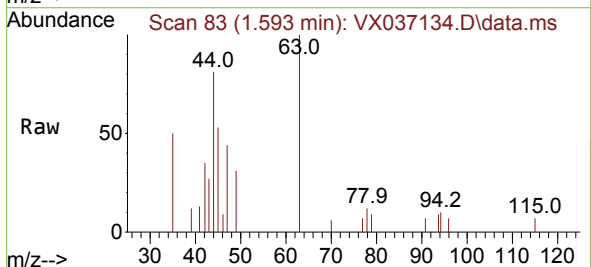


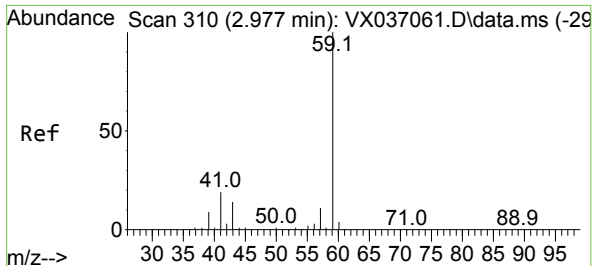
Tgt Ion:168 Resp: 144150
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

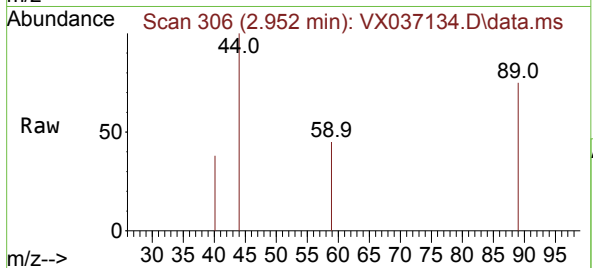
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 39.6 74.6 111.8#



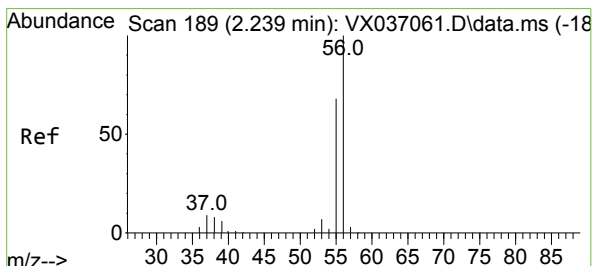
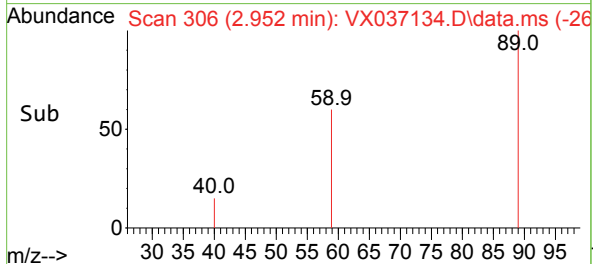
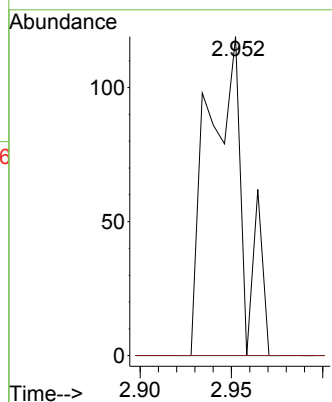


#11
Tert butyl alcohol
Concen: 0.332 ug/l
RT: 2.952 min Scan# 30
Delta R.T. -0.025 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :

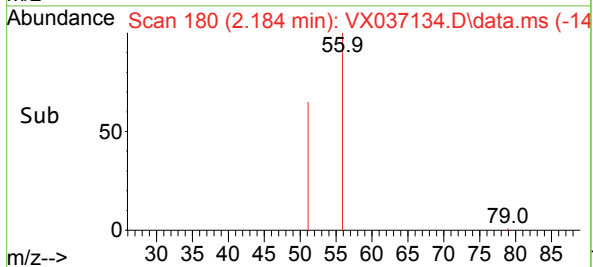
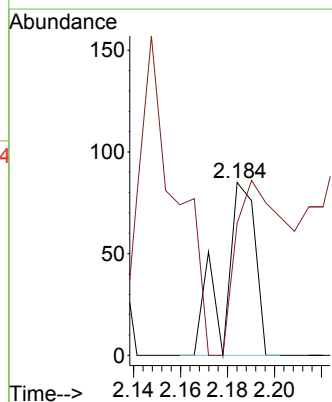
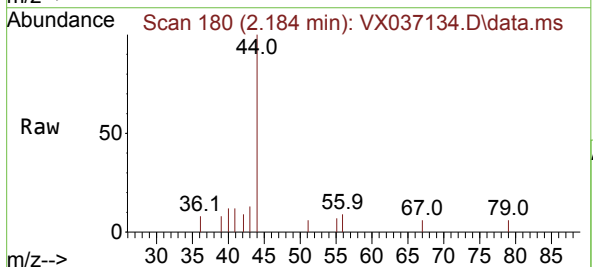


Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.210 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 166.7 57.1 85.7#

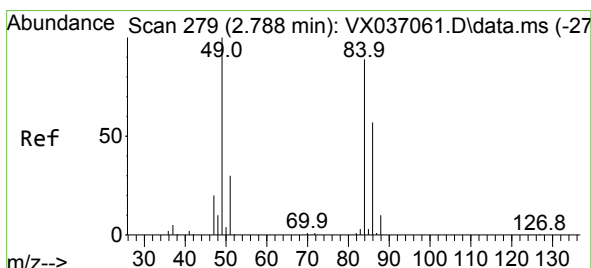
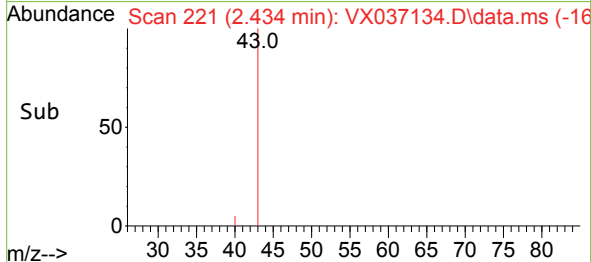
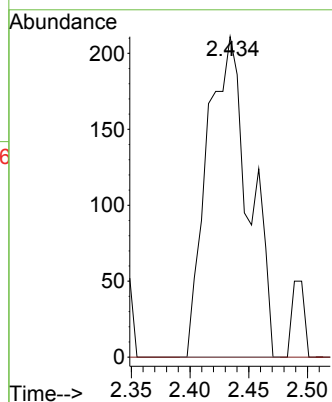
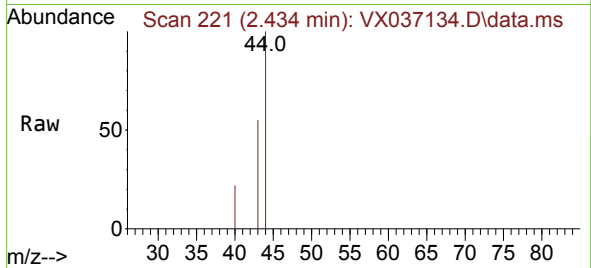




#16
Acetone
Concen: 0.646 ug/l
RT: 2.434 min Scan# 213
Delta R.T. 0.048 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

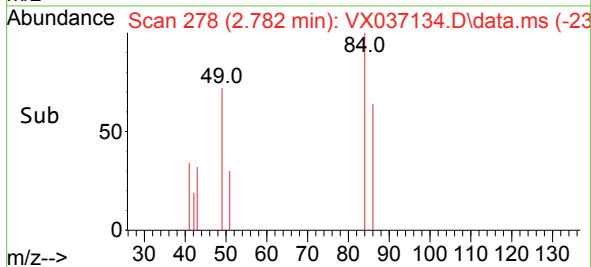
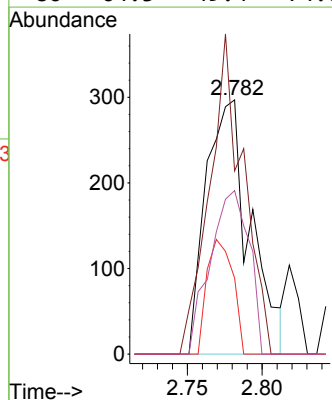
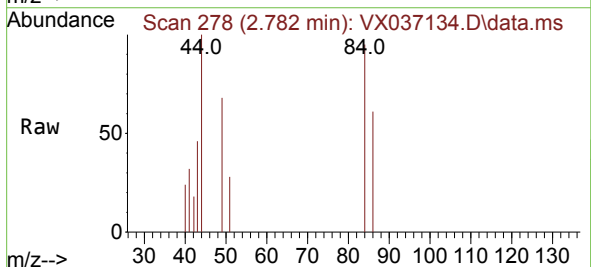
Instrument :
MSVOA_X
ClientSampleId :

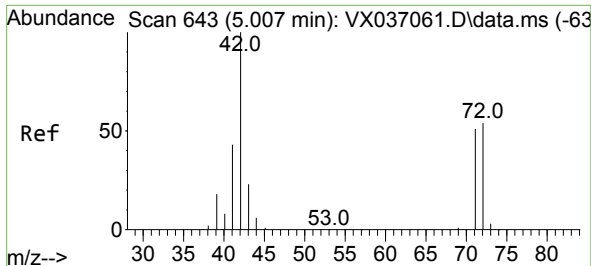
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 84 Resp: 608
Ion Ratio Lower Upper
84 100
49 72.1 103.6 155.4#
51 30.0 33.8 50.6#
86 64.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.557 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.054 min

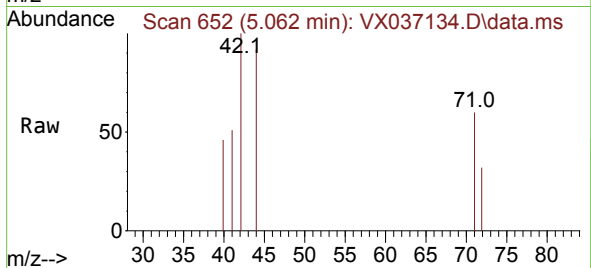
Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

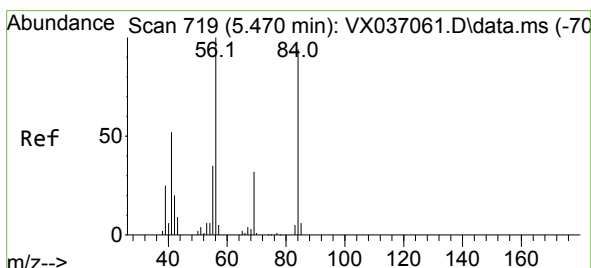
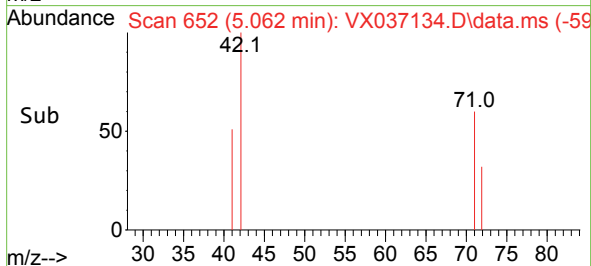
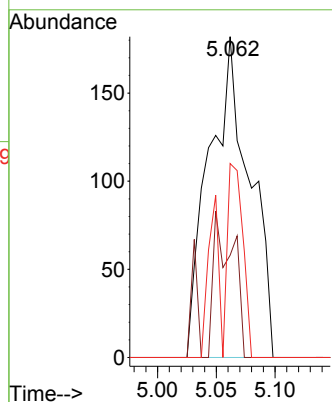
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	435
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	23.2	32.2	48.2#



#31

Cyclohexane

Concen: 1.284 ug/l

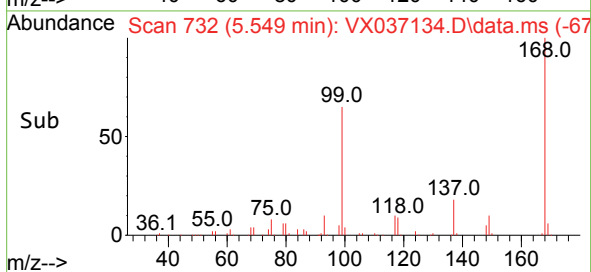
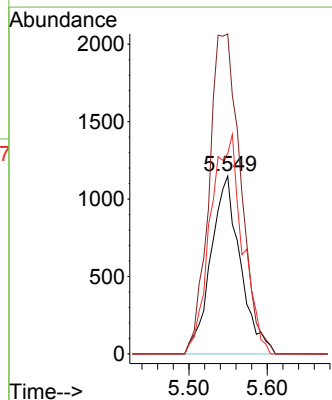
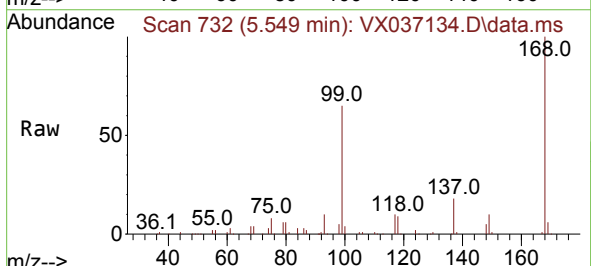
RT: 5.549 min Scan# 732

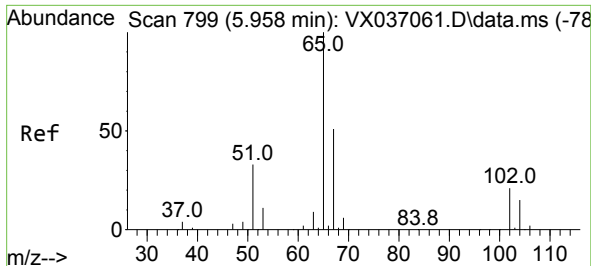
Delta R.T. 0.079 min

Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

Tgt Ion:	56	Resp:	3001
Ion	Ratio	Lower	Upper
56	100		
69	179.8	23.4	35.2#
84	112.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.027 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

Instrument :

MSVOA_X

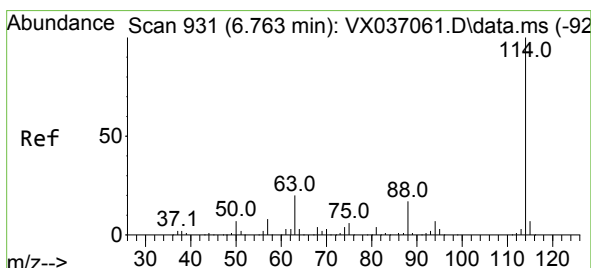
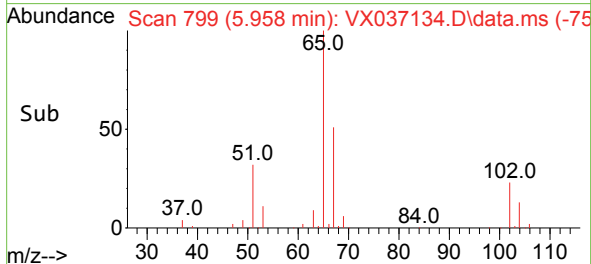
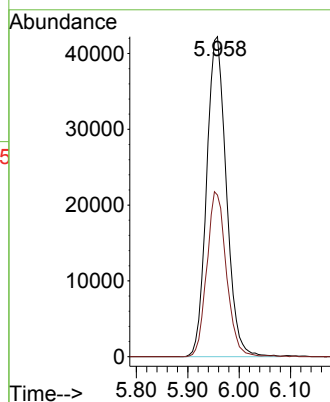
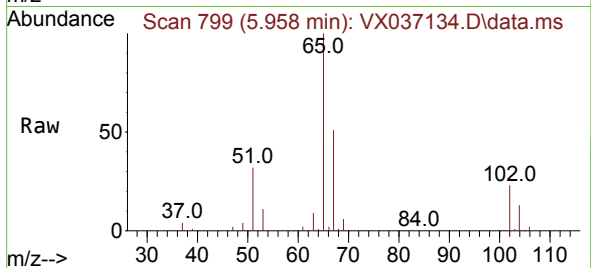
ClientSampleId :

Tgt Ion: 65 Resp: 112277

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

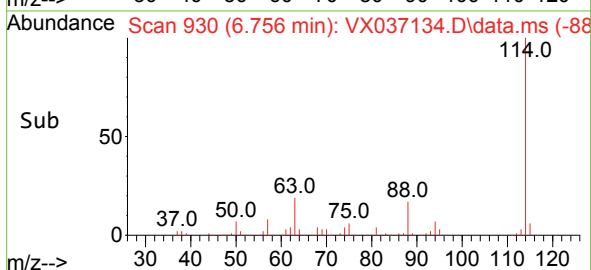
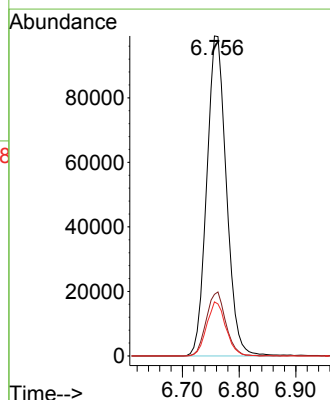
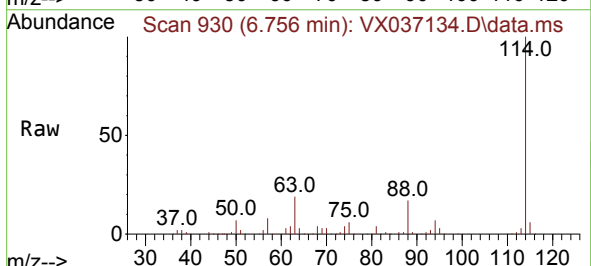
Tgt Ion:114 Resp: 238483

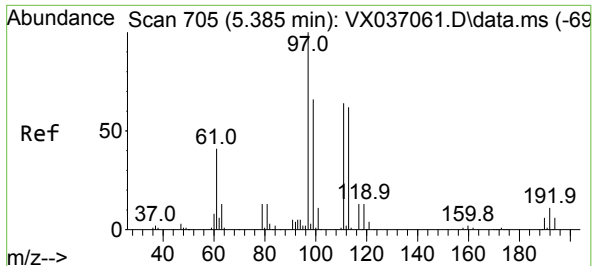
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

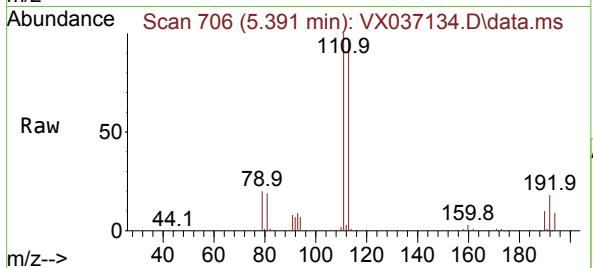
88 16.9 0.0 36.6



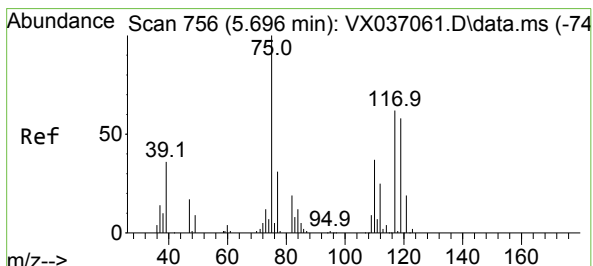
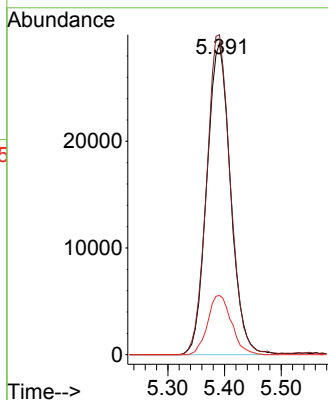
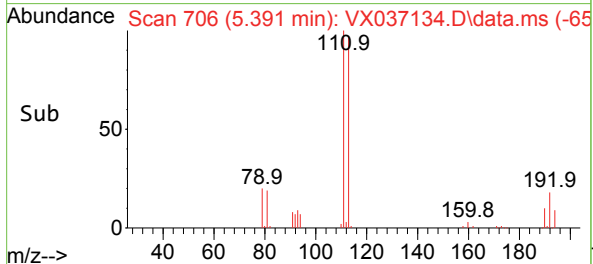


#35
Dibromofluoromethane
Concen: 53.653 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

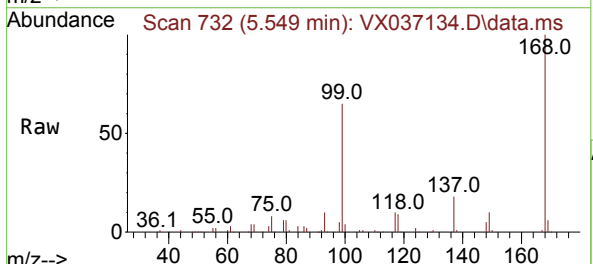
Instrument :
MSVOA_X
ClientSampleId :



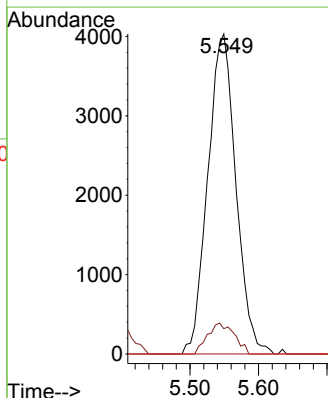
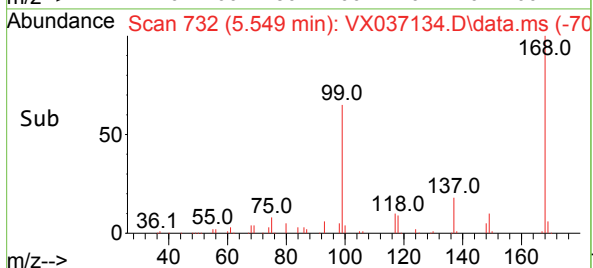
Tgt Ion:113 Resp: 84740
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.1 13.3 19.9

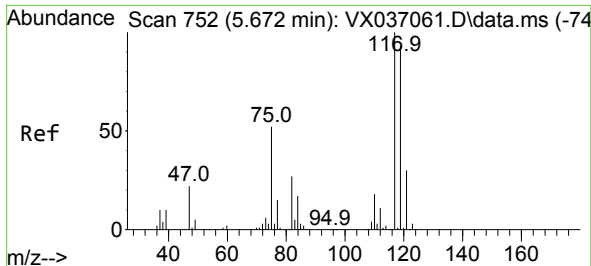


#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32



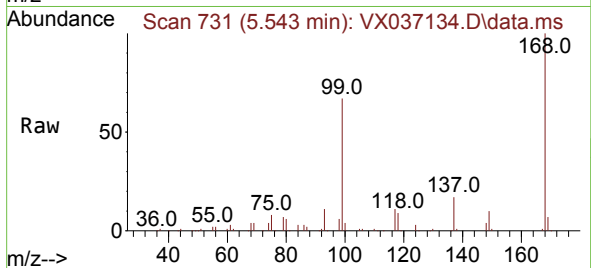
Tgt Ion: 75 Resp: 11482
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



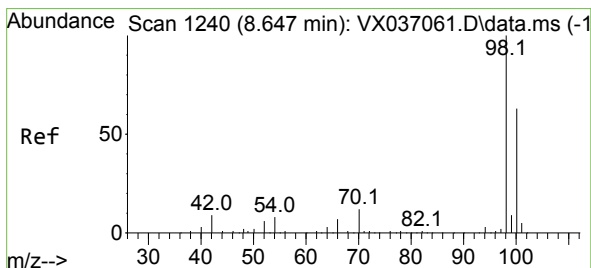
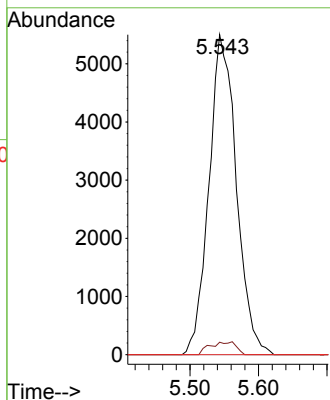
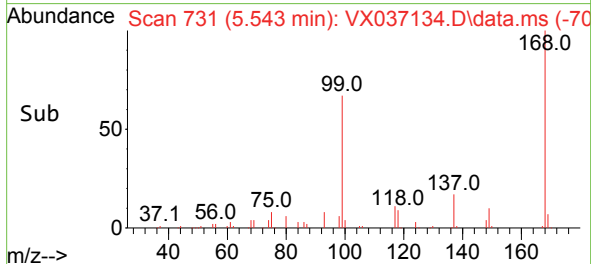


#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :

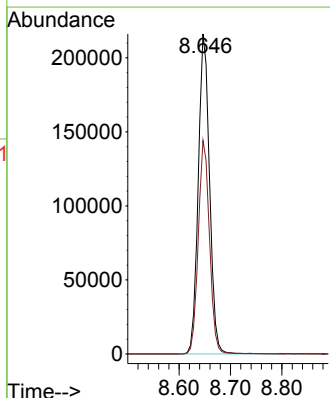
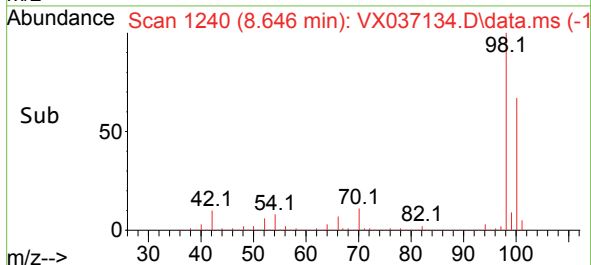
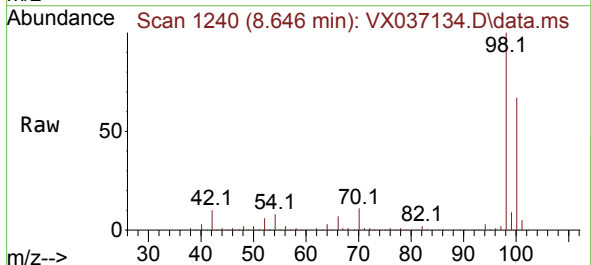


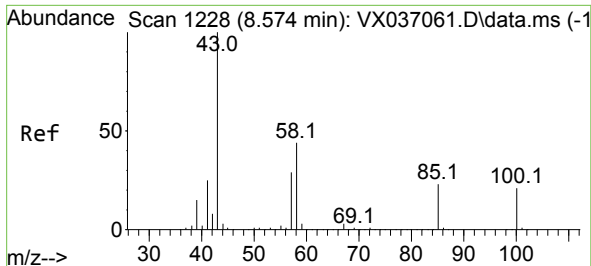
Tgt Ion:117 Resp: 15284
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 57.519 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 98 Resp: 329537
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

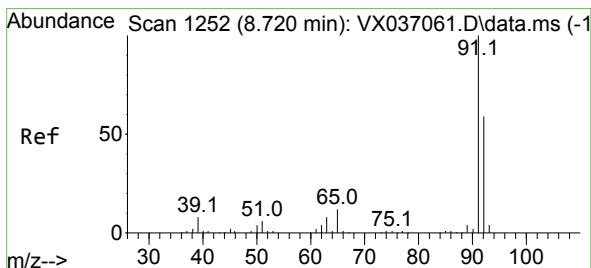
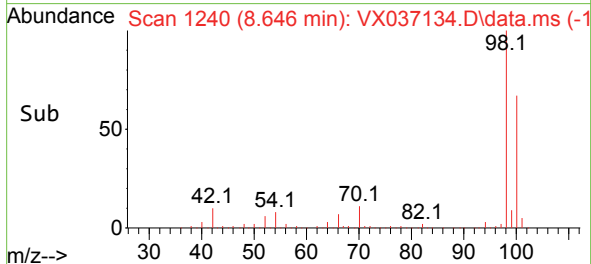
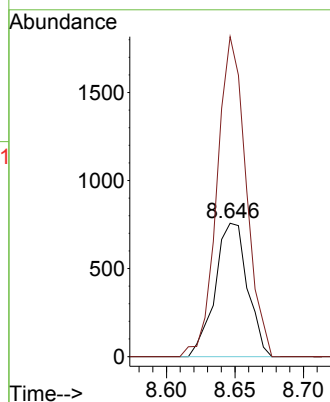
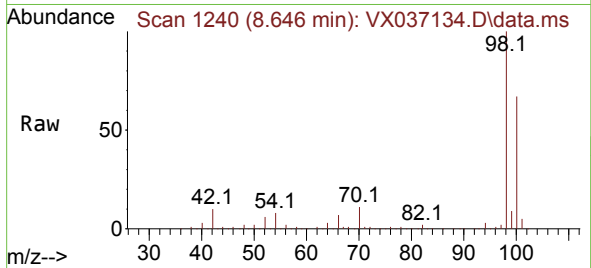




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

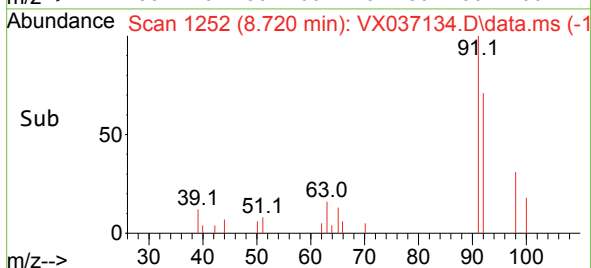
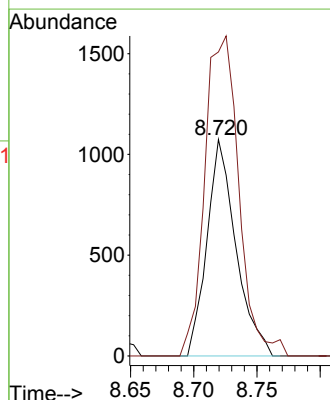
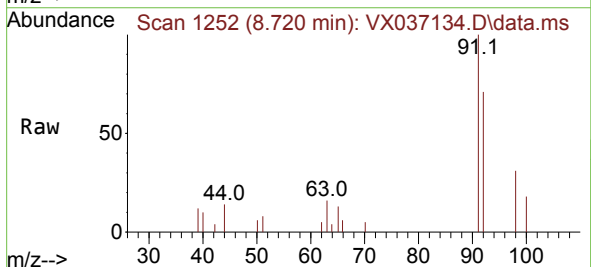
Instrument :
MSVOA_X
ClientSampleId :

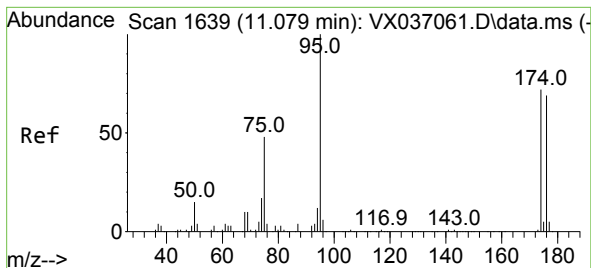
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 215.2 30.4 45.6#



#52
Toluene
Concen: 0.403 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 92 Resp: 1712
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2

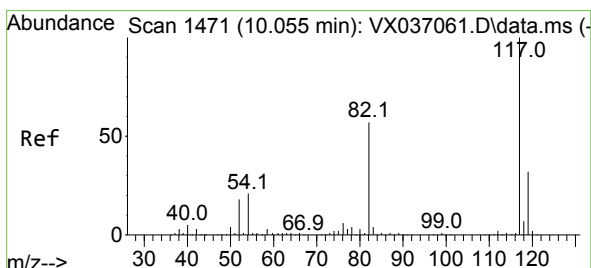
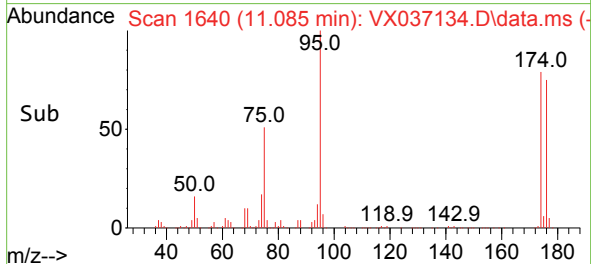
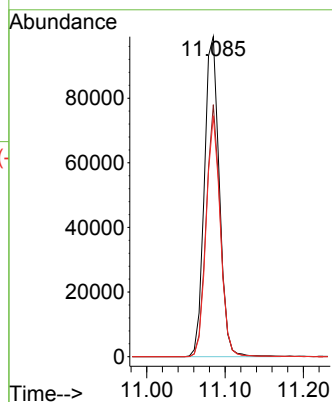
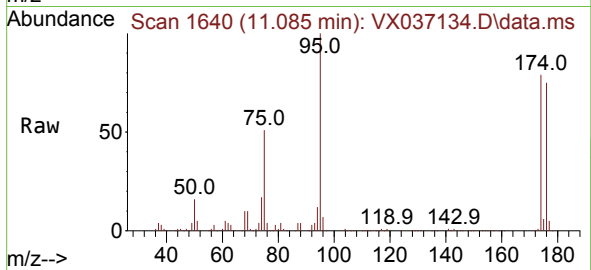




#62
4-Bromofluorobenzene
Concen: 58.121 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

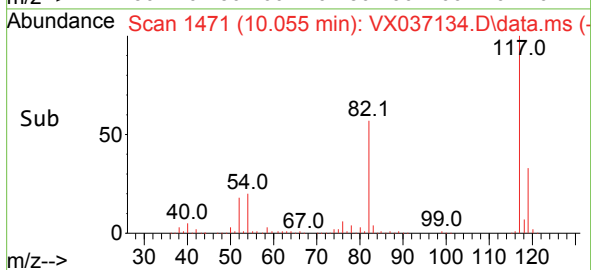
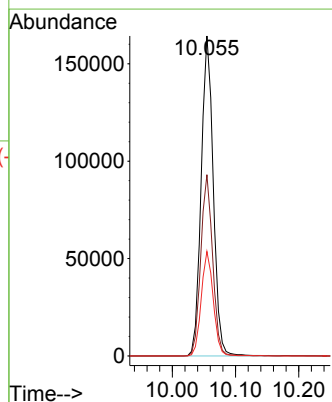
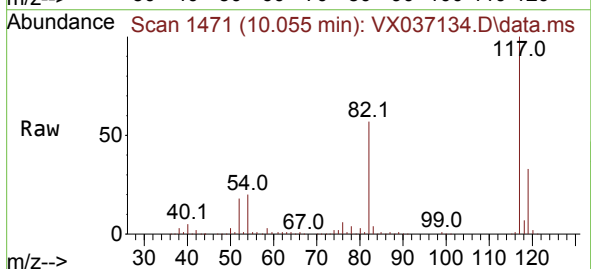
Instrument :
MSVOA_X
ClientSampleId :

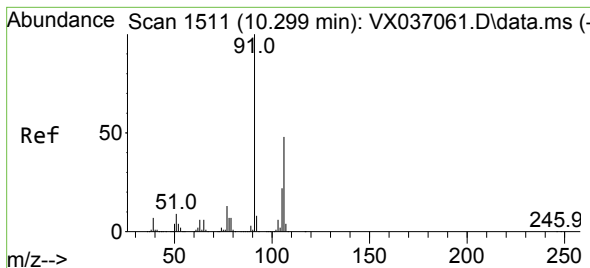
Tgt Ion: 95 Resp: 130857
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion: 117 Resp: 219043
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.6 25.5 38.3

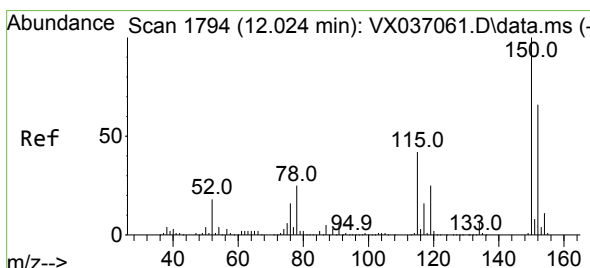
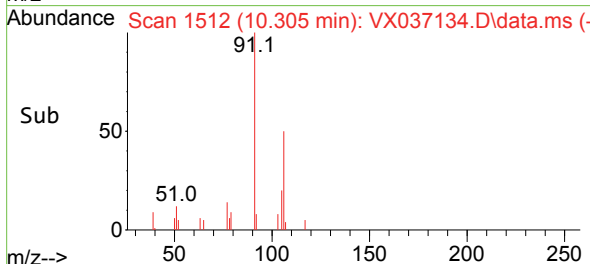
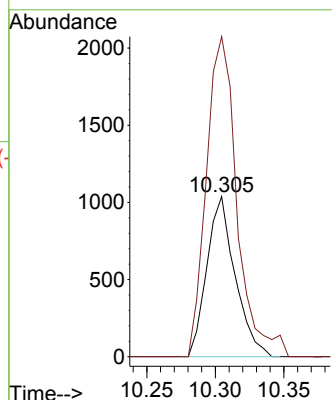
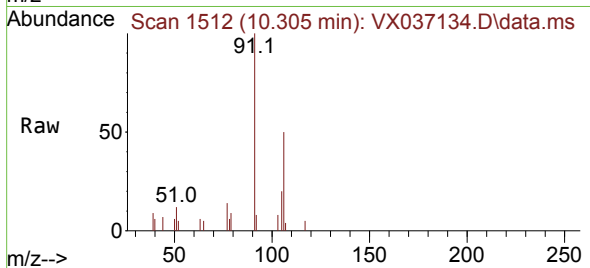




#68
m/p-Xylenes
Concen: 0.472 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

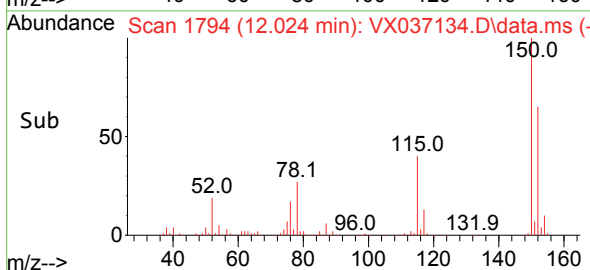
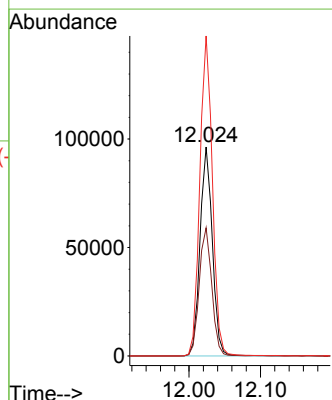
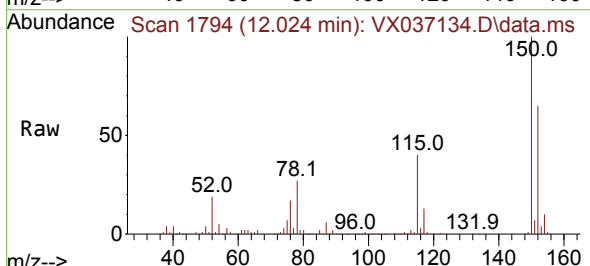
Instrument :
MSVOA_X
ClientSampleId :

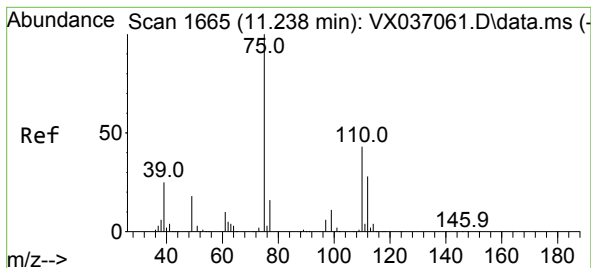
Tgt Ion:106 Resp: 1486
Ion Ratio Lower Upper
106 100
91 217.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037134.D
Acq: 21 Aug 2023 16:32

Tgt Ion:152 Resp: 115174
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.580 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.153 min

Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

Instrument :

MSVOA_X

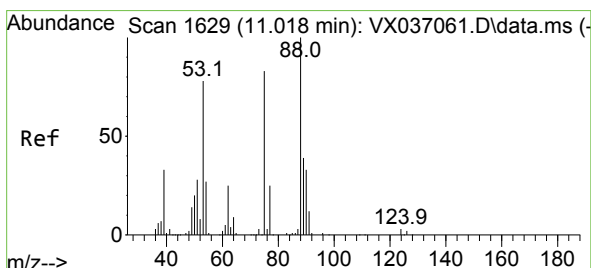
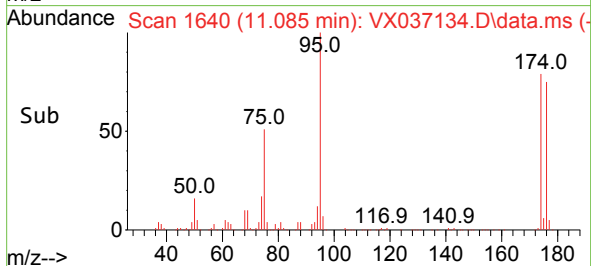
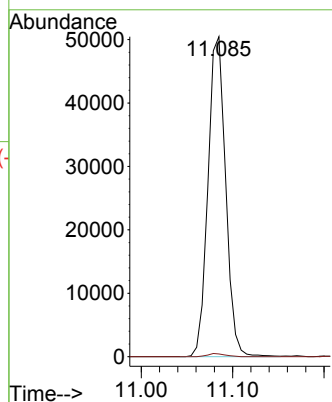
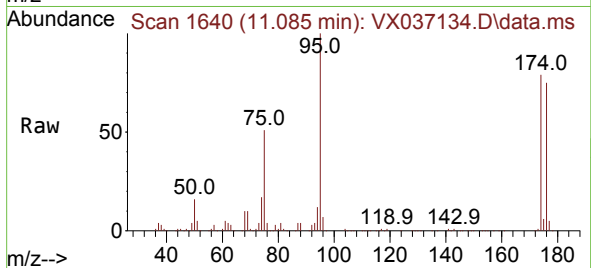
ClientSampleId :

Tgt Ion: 75 Resp: 67650

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.033 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX037134.D

Acq: 21 Aug 2023 16:32

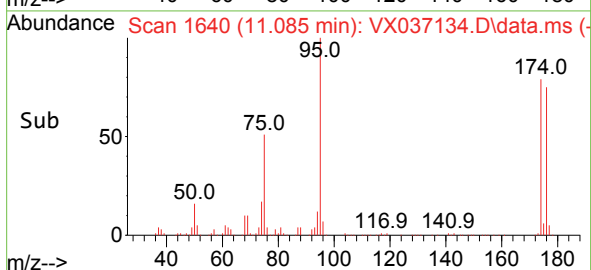
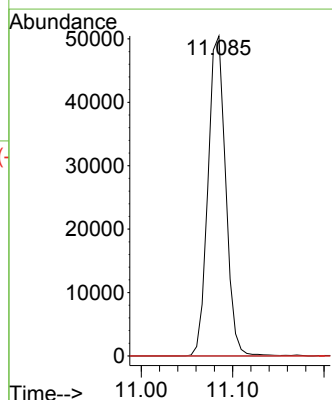
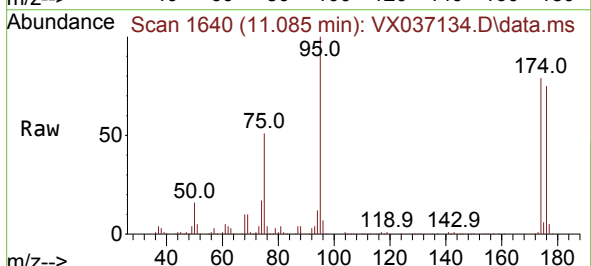
Tgt Ion: 75 Resp: 67650

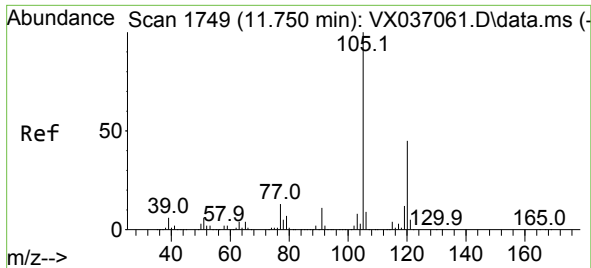
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

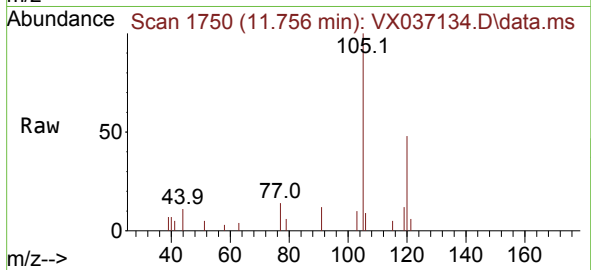
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.301 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX037134.D
 Acq: 21 Aug 2023 16:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 2123
 Ion Ratio Lower Upper
 105 100
 120 46.5 21.2 63.6

