

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036729.D
 Acq On : 31 Jul 2023 18:47
 Operator : JC/MD
 Sample : 03808-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714DL

Quant Time: Aug 01 04:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

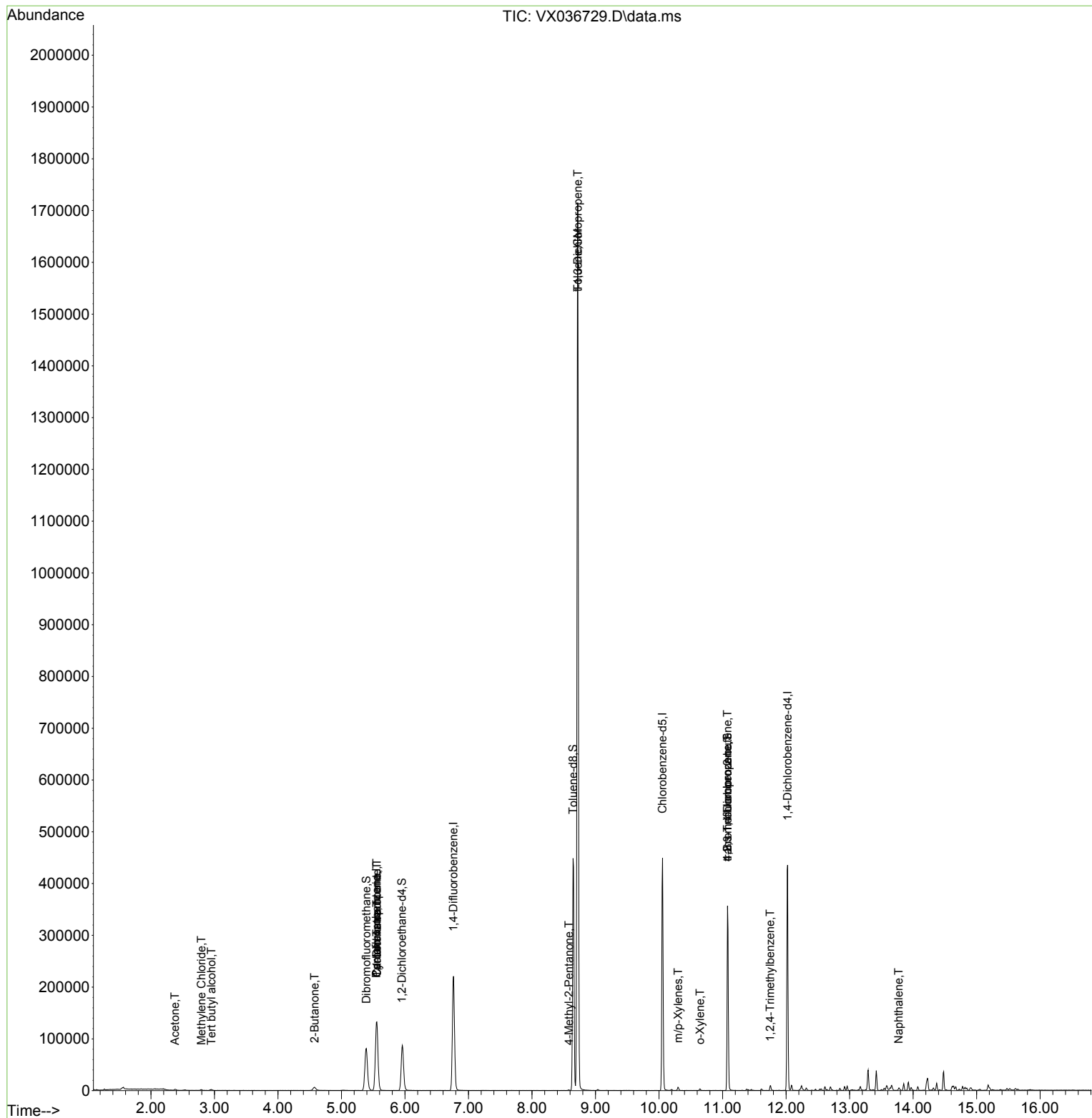
Internal Standards						
1) Pentafluorobenzene	5.550	168	125013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84289	45.568	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.140%		
35) Dibromofluoromethane	5.391	113	72379	47.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	8.647	98	266492	48.809	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	96999	47.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1221	2.788	ug/l #	78
16) Acetone	2.380	43	2328	3.033	ug/l	97
20) Methylene Chloride	2.794	84	809	0.474	ug/l #	68
25) 2-Butanone	4.574	43	3209	2.577	ug/l	99
31) Cyclohexane	5.556	56	2849	1.112	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10382	4.524	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13322	5.461	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	724	0.293	ug/l	90
52) Toluene	8.720	92	642829	153.659	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	7696	2.659	ug/l #	1
68) m/p-Xylenes	10.299	106	1454	0.478	ug/l	97
69) o-Xylene	10.646	106	743	0.245	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	50221	24.223	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50221	54.904	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	4544	0.745	ug/l	92
95) Naphthalene	13.774	128	3227	0.506	ug/l	100

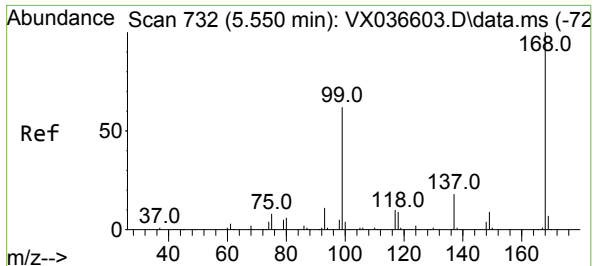
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036729.D
Acq On : 31 Jul 2023 18:47
Operator : JC/MD
Sample : 03808-07DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1714DL

Quant Time: Aug 01 04:41:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

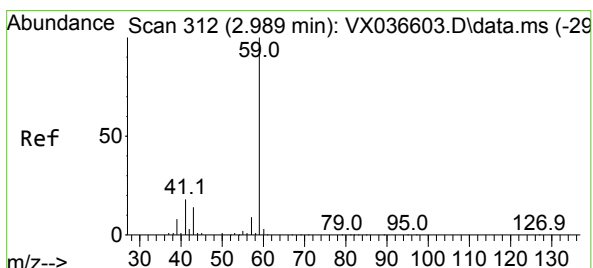
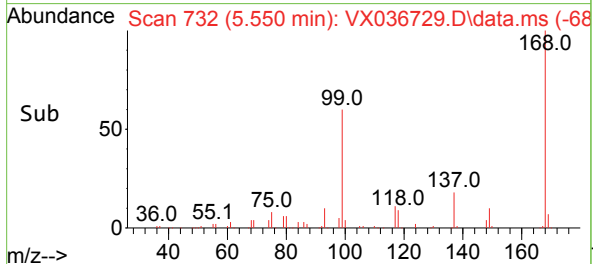
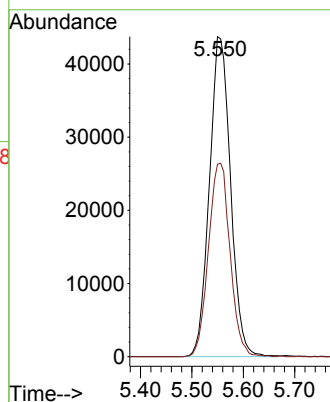
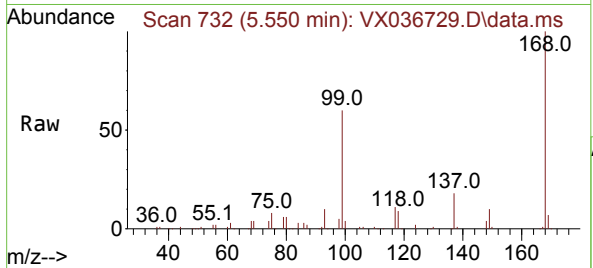




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

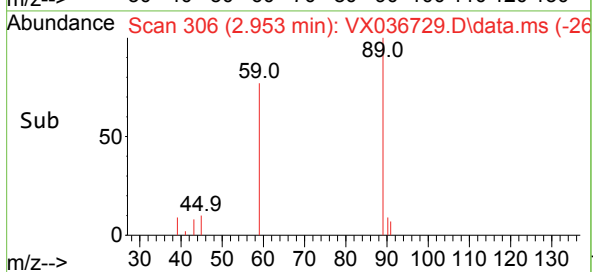
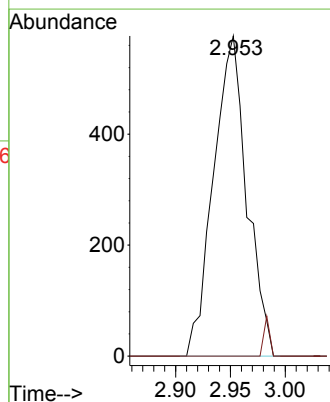
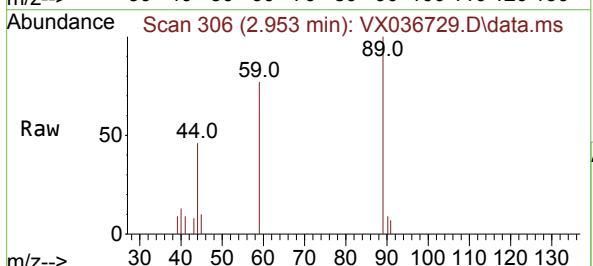
Instrument :
MSVOA_X
ClientSampleId :
1714DL

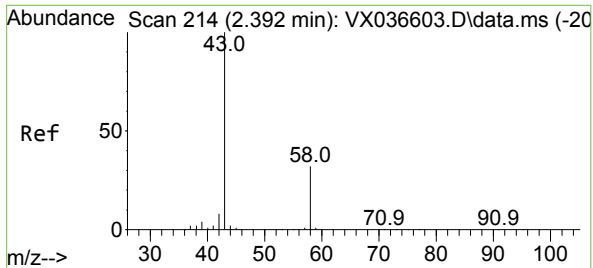
Tgt Ion:168 Resp: 125013
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.788 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 59 Resp: 1221
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

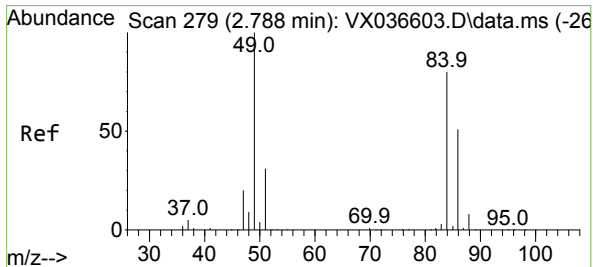
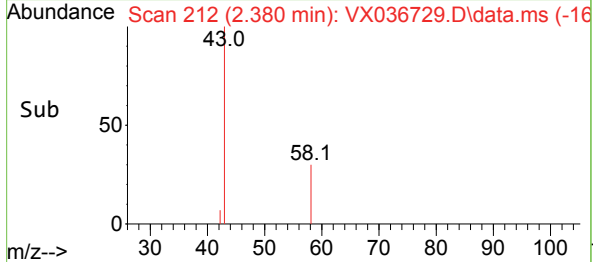
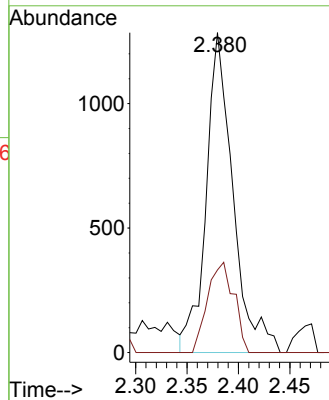
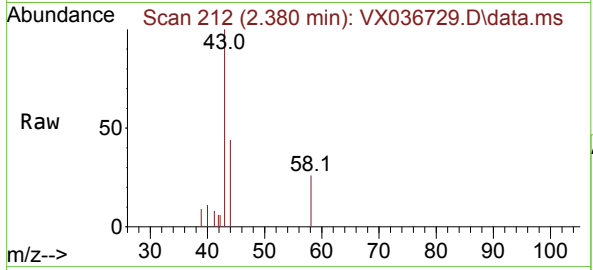




#16
Acetone
Concen: 3.033 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

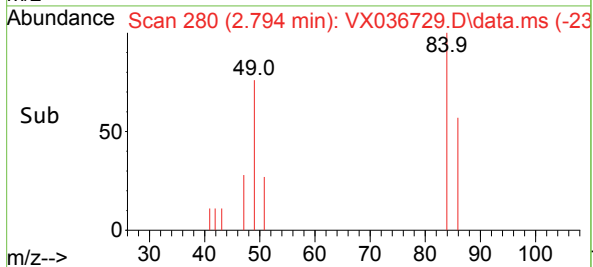
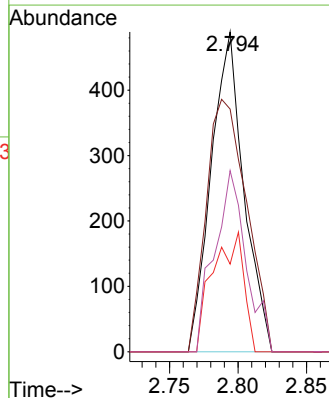
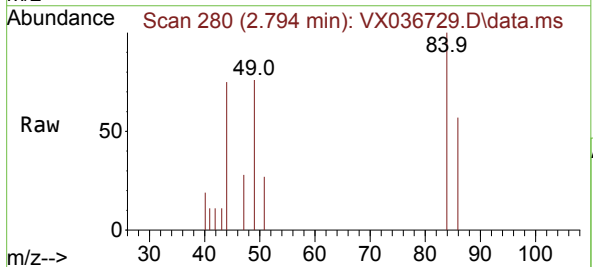
Instrument :
MSVOA_X
ClientSampleId :
1714DL

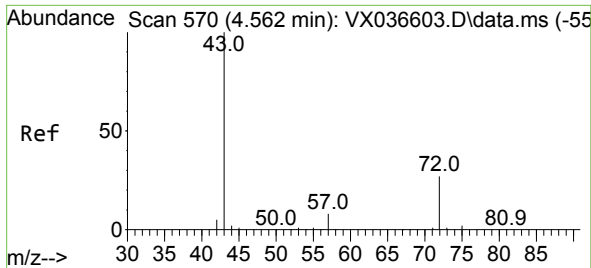
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.474 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 84 Resp: 809
Ion Ratio Lower Upper
84 100
49 75.9 103.6 155.4#
51 27.4 33.8 50.6#
86 56.6 49.4 74.0

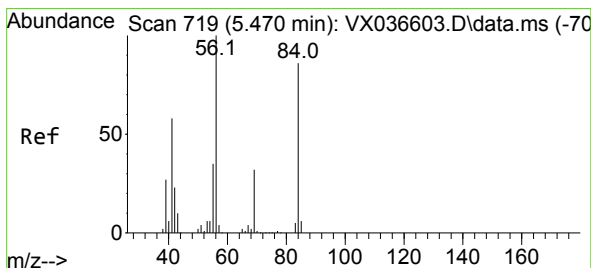
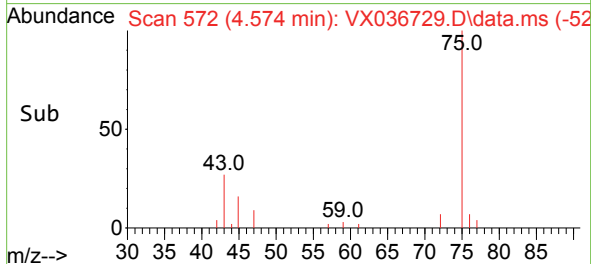
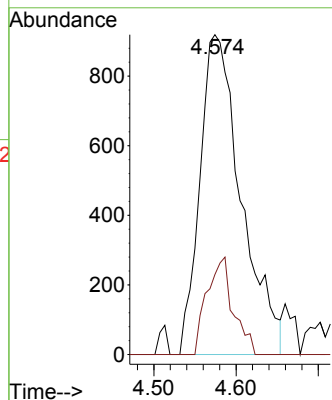
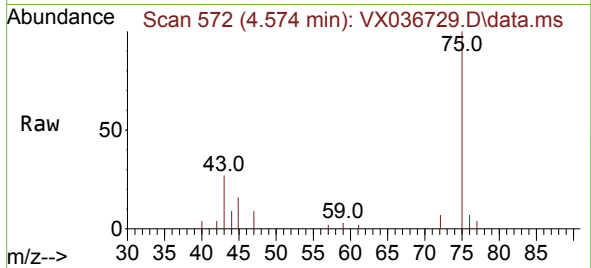




#25
2-Butanone
Concen: 2.577 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

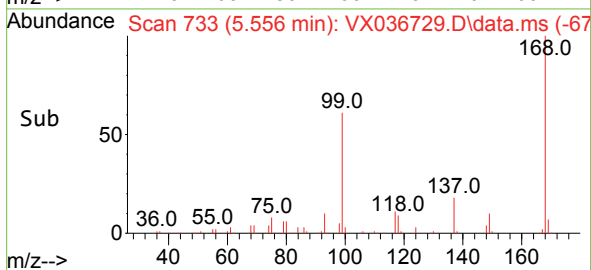
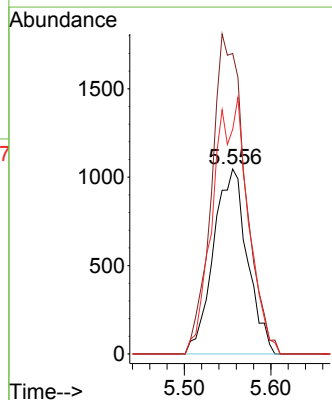
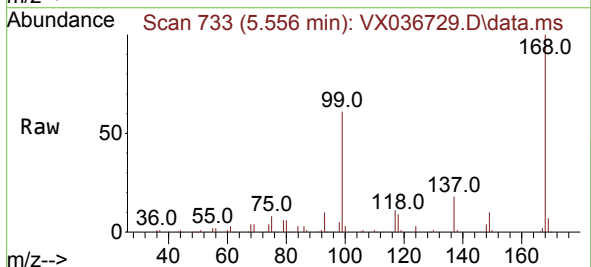
Instrument :
MSVOA_X
ClientSampleId :
1714DL

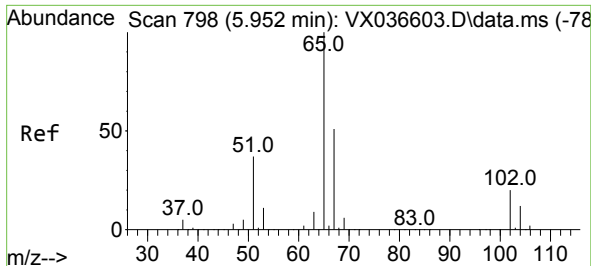
Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 162.5 23.4 35.2#
84 121.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.568 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

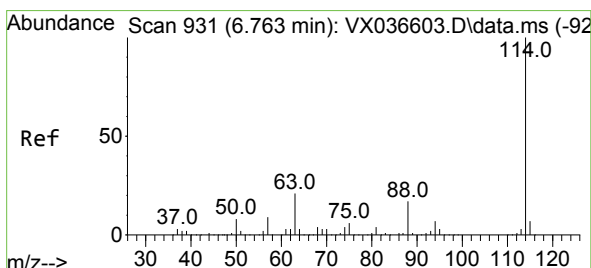
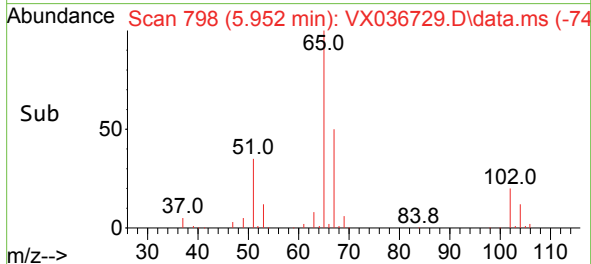
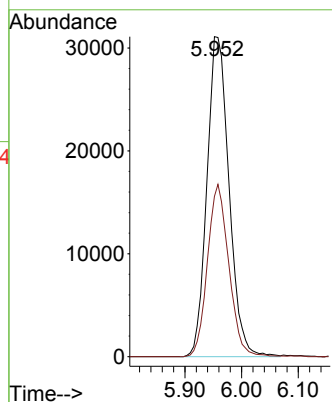
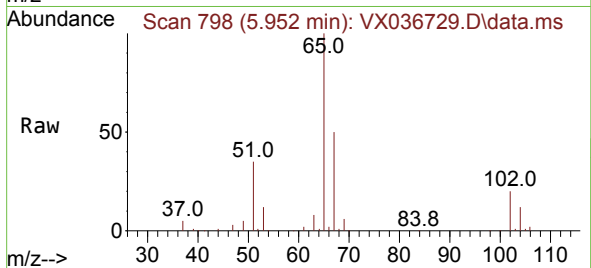
1714DL

Tgt Ion: 65 Resp: 84289

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

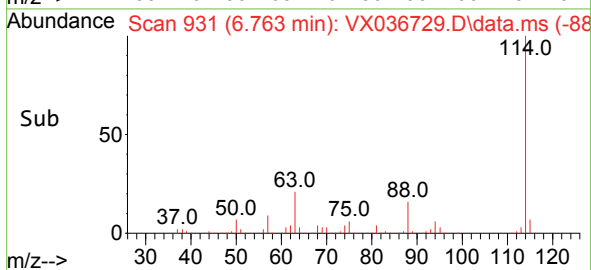
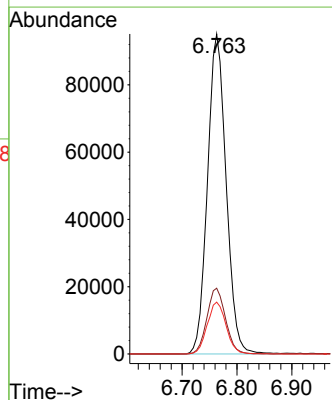
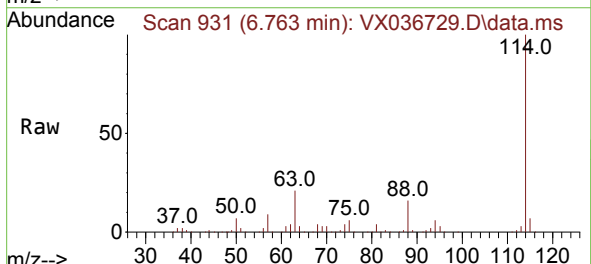
Tgt Ion: 114 Resp: 223996

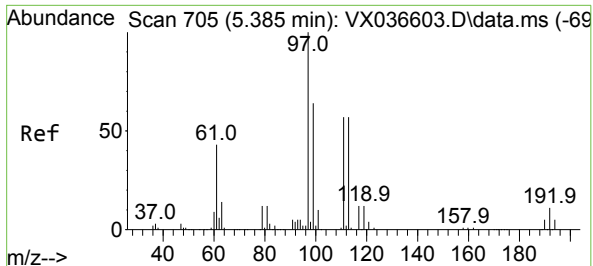
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.2 0.0 36.6

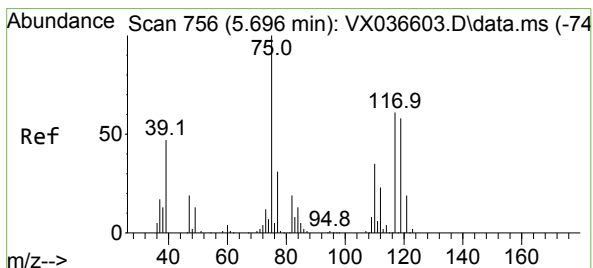
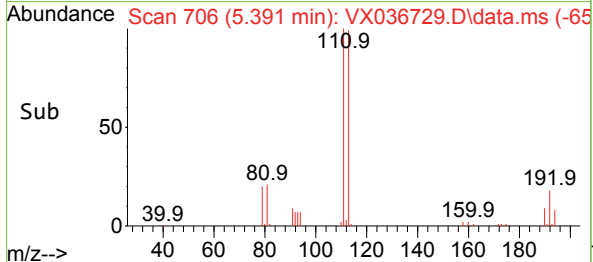
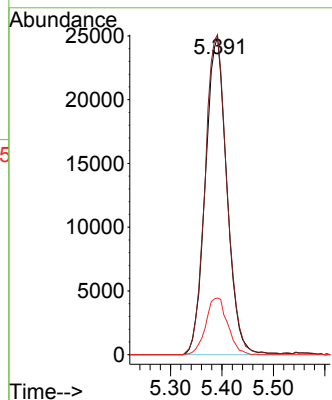
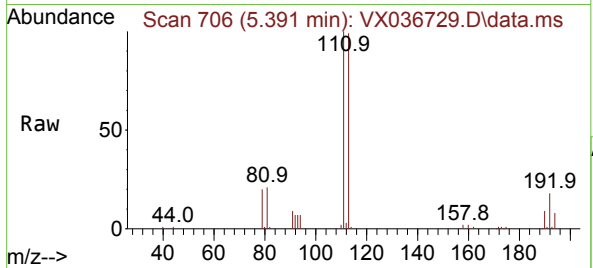




#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

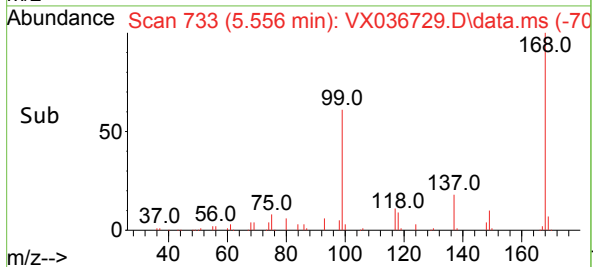
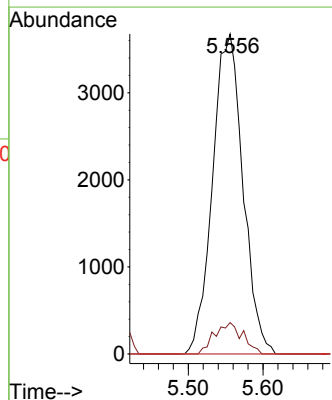
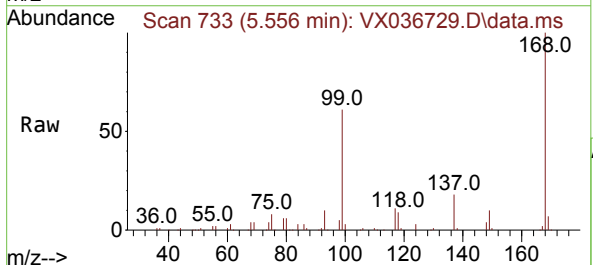
Instrument :
MSVOA_X
ClientSampleId :
1714DL

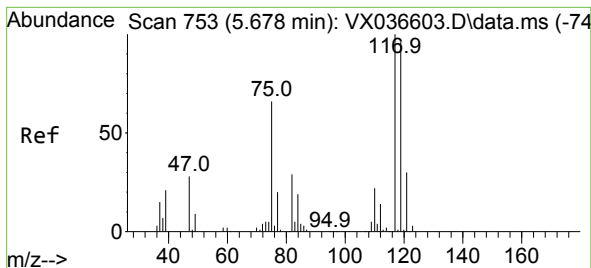
Tgt Ion:113 Resp: 72379
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 75 Resp: 10382
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.461 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX036729.D

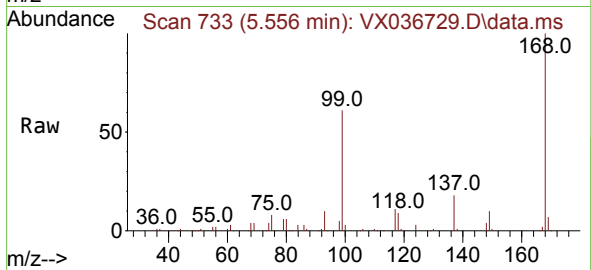
Acq: 31 Jul 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

1714DL



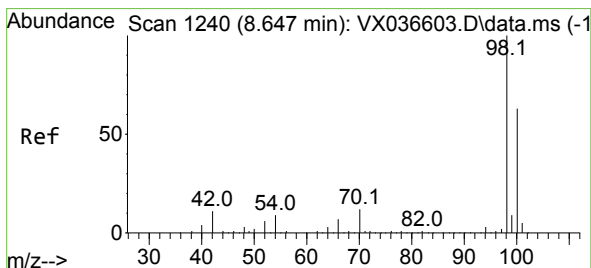
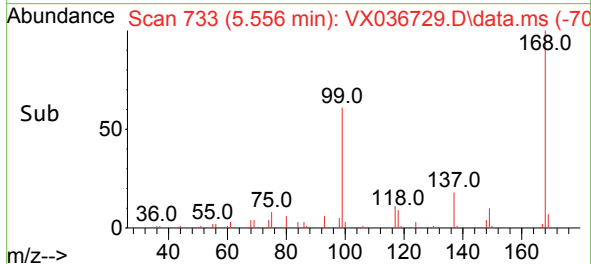
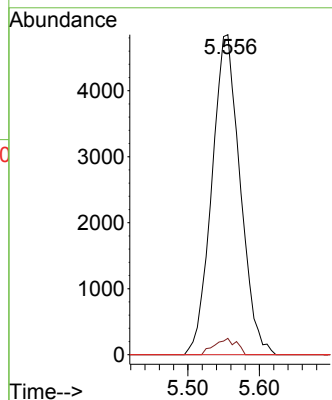
Tgt Ion:117 Resp: 13322

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.809 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036729.D

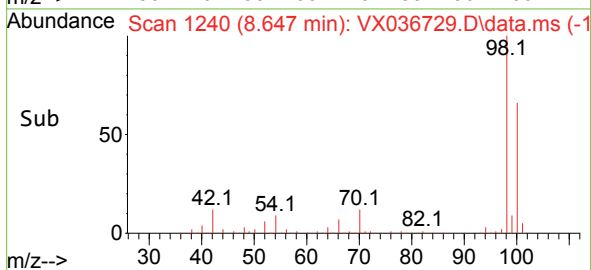
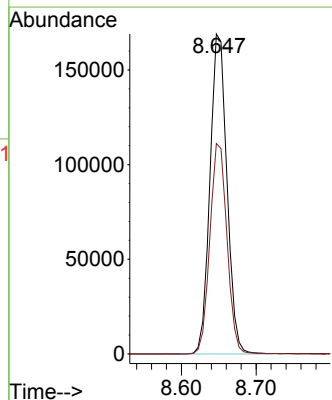
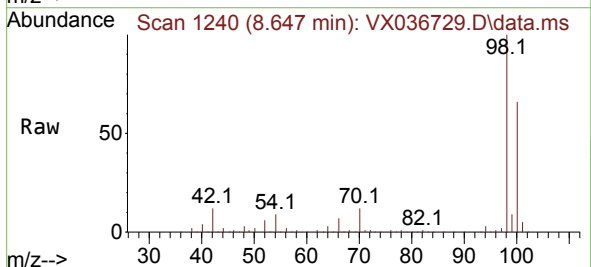
Acq: 31 Jul 2023 18:47

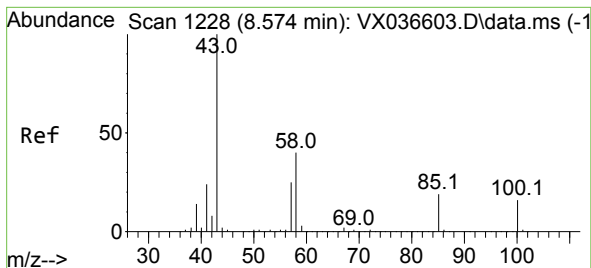
Tgt Ion: 98 Resp: 266492

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

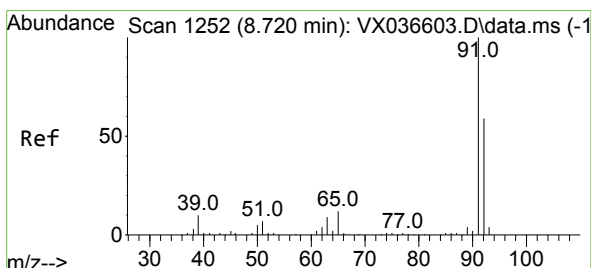
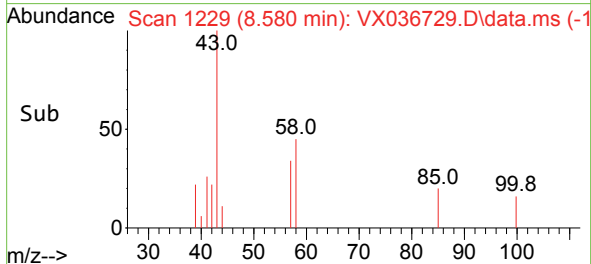
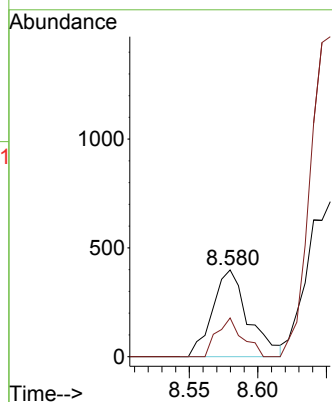
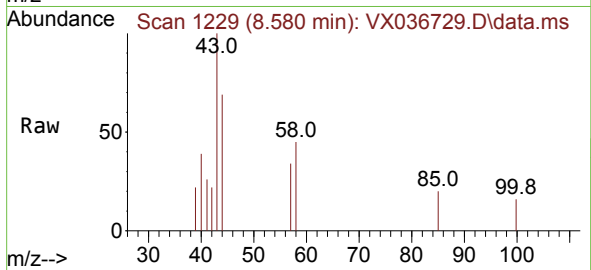




#51
4-Methyl-2-Pentanone
Concen: 0.293 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

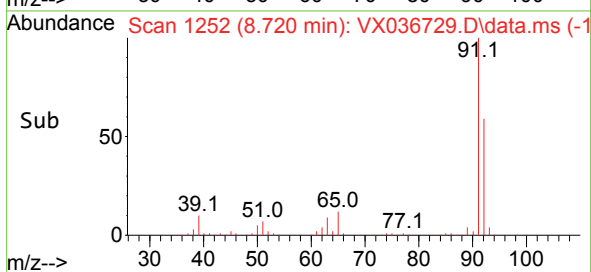
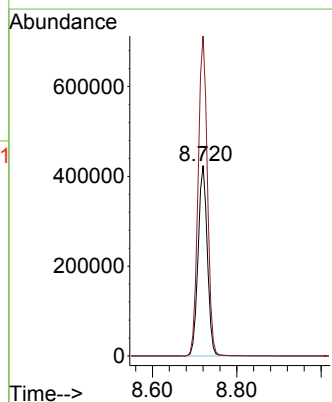
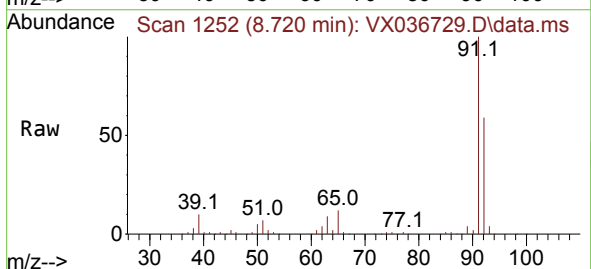
Instrument :
MSVOA_X
ClientSampleId :
1714DL

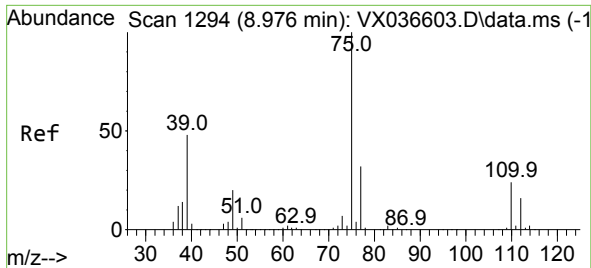
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 32.2 30.4 45.6



#52
Toluene
Concen: 153.659 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 92 Resp: 642829
Ion Ratio Lower Upper
92 100
91 170.5 134.2 201.2

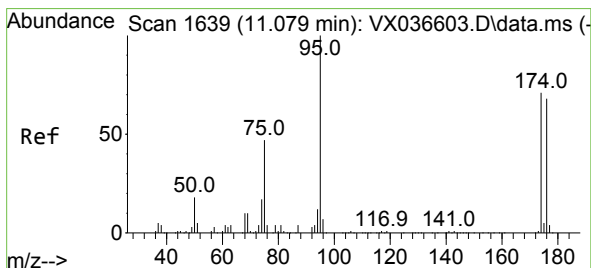
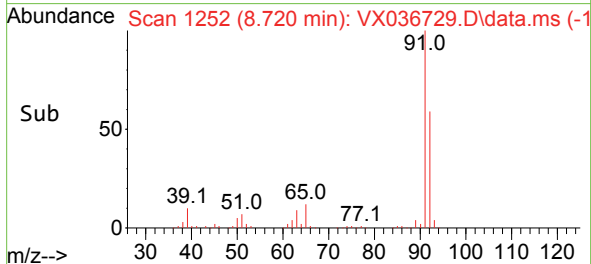
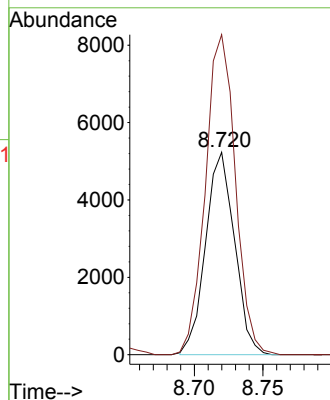
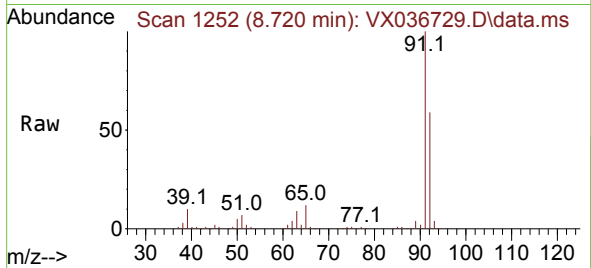




#53
t-1,3-Dichloropropene
Concen: 2.659 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

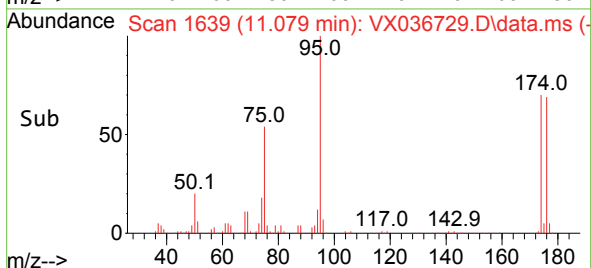
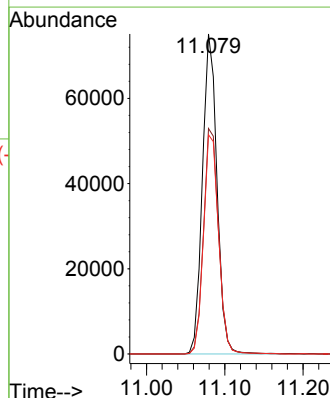
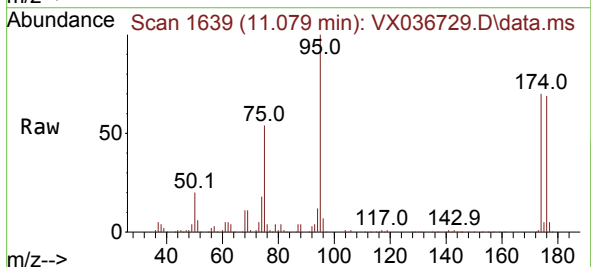
Instrument :
MSVOA_X
ClientSampleId :
1714DL

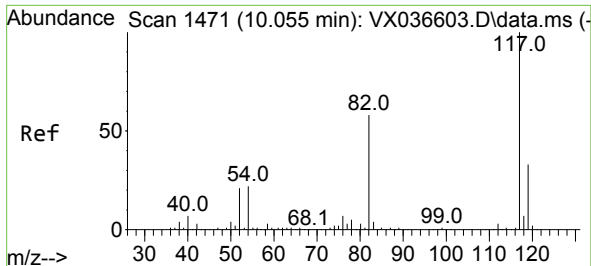
Tgt Ion: 75 Resp: 7696
Ion Ratio Lower Upper
75 100
77 158.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 95 Resp: 96999
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 71.0 0.0 131.0

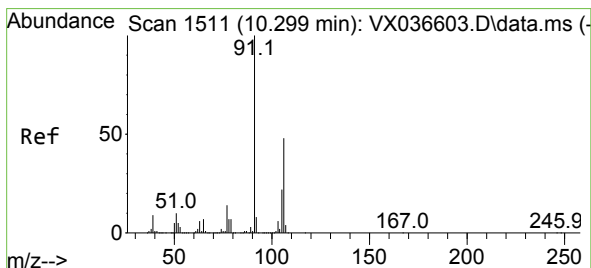
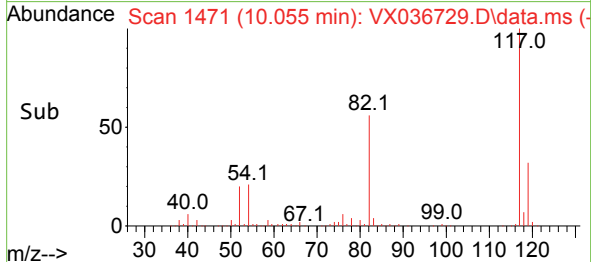
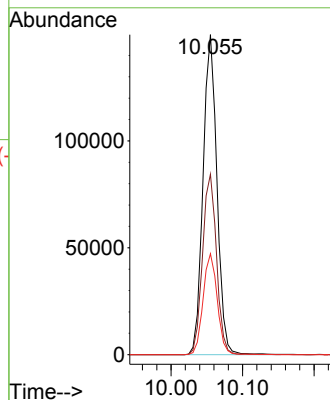
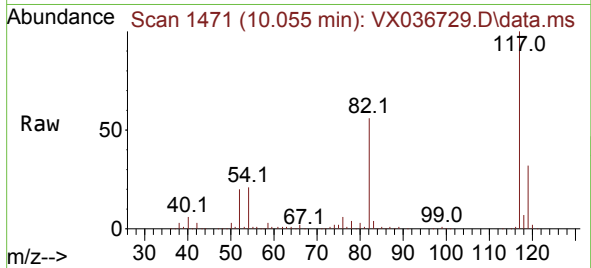




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

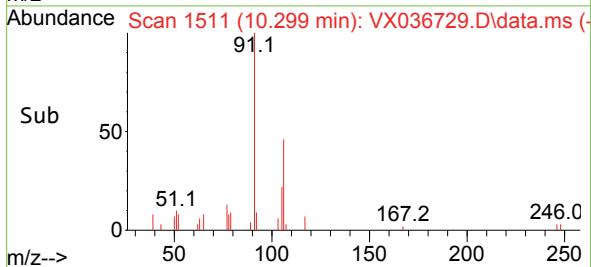
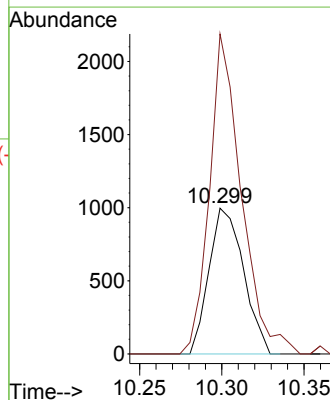
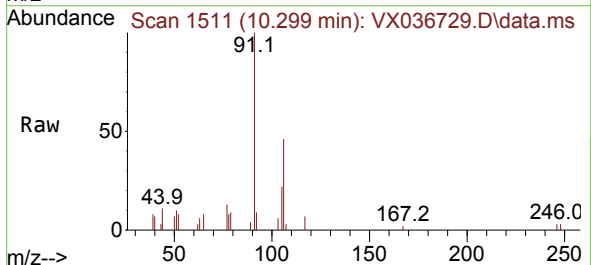
Instrument :
MSVOA_X
ClientSampleId :
1714DL

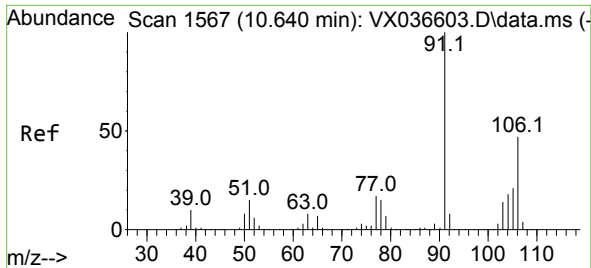
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	31.6	25.5	38.3



#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.8	165.5	248.3

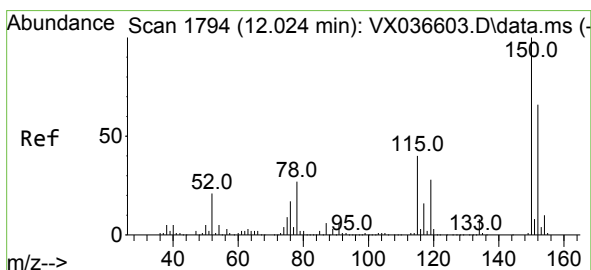
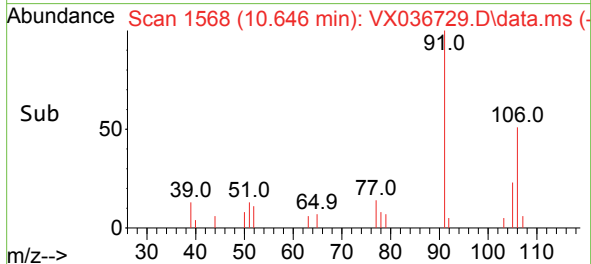
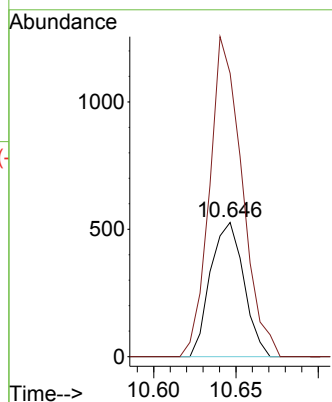
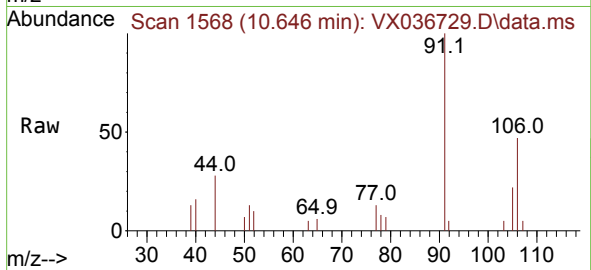




#69
o-Xylene
Concen: 0.245 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

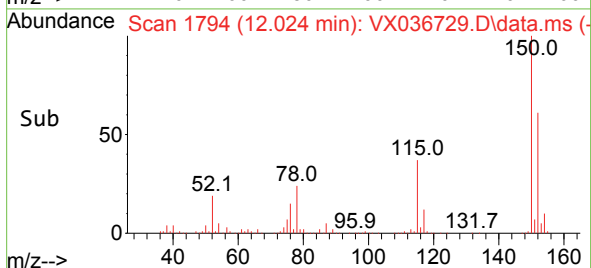
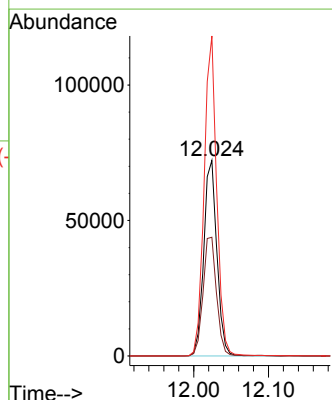
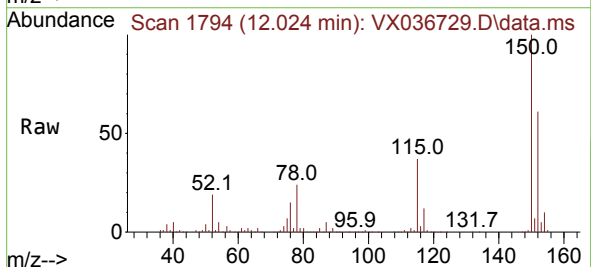
Instrument :
MSVOA_X
ClientSampleId :
1714DL

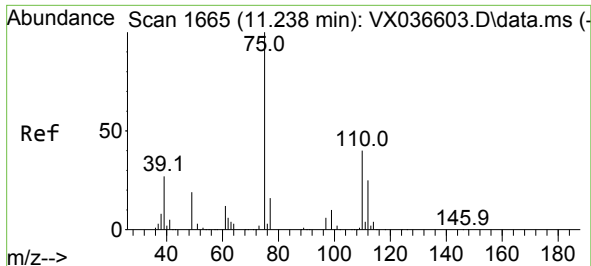
Tgt Ion:106 Resp: 743
Ion Ratio Lower Upper
106 100
91 232.4 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion:152 Resp: 88144
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.6 0.0 345.0

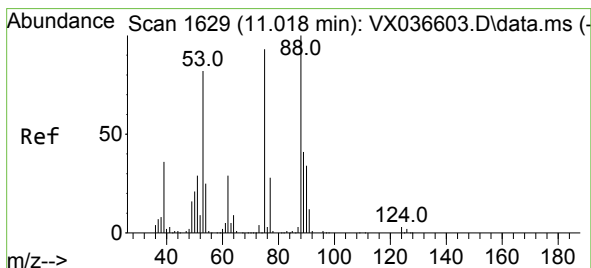
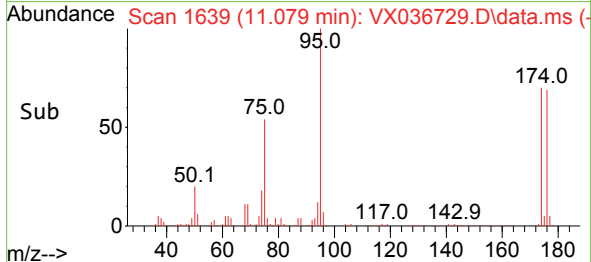
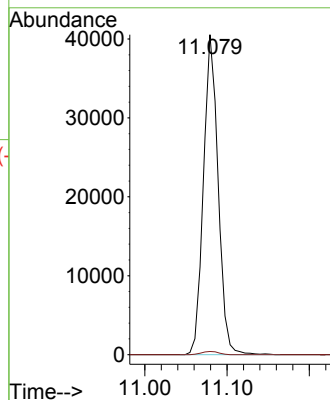
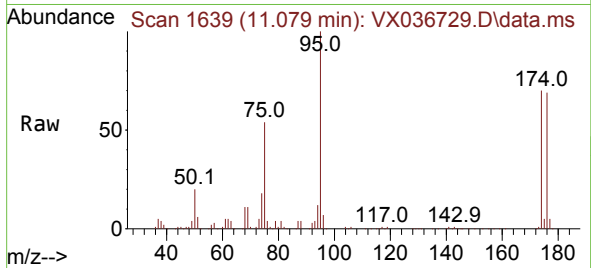




#76
1,2,3-Trichloropropane
Concen: 24.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

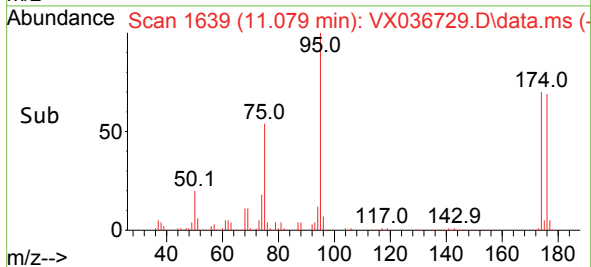
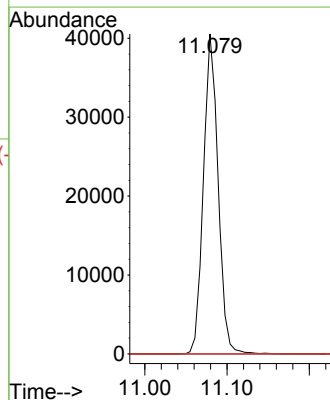
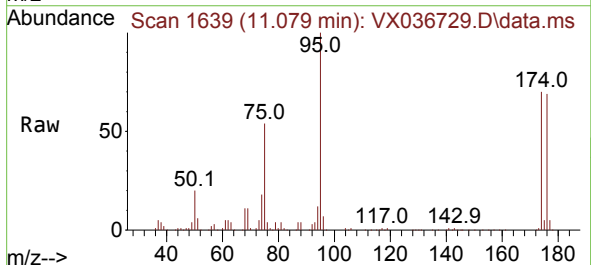
Instrument :
MSVOA_X
ClientSampleId :
1714DL

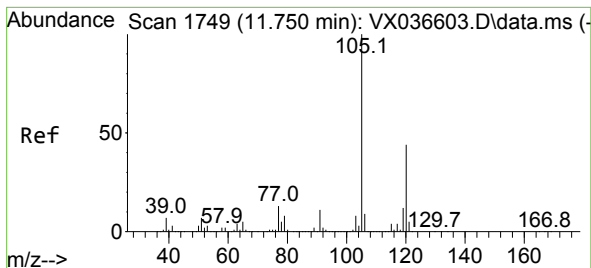
Tgt Ion: 75 Resp: 50221
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 75 Resp: 50221
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: 0.745 ug/l

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

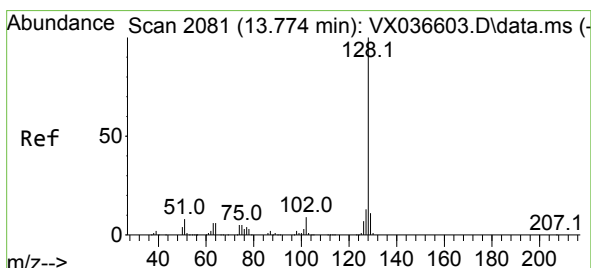
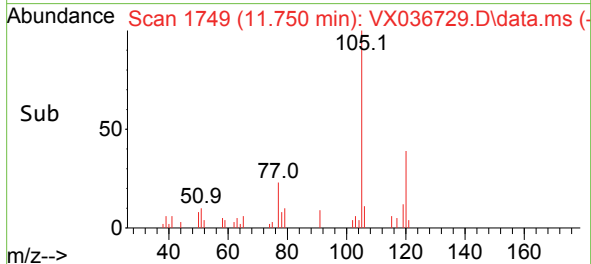
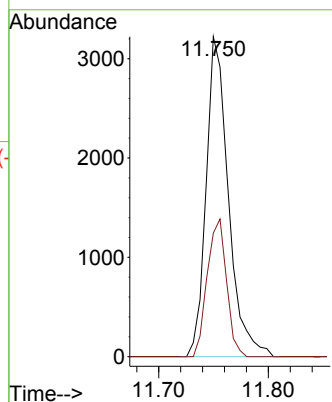
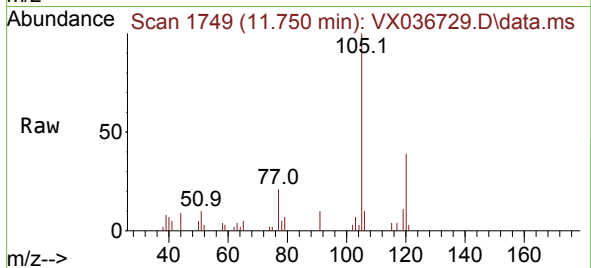
1714DL

Tgt Ion:105 Resp: 4544

Ion Ratio Lower Upper

105 100

120 37.2 21.2 63.6



#95

Naphthalene

Concen: 0.506 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Tgt Ion:128 Resp: 3227

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.8 13.2

