

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036730.D
 Acq On : 31 Jul 2023 19:11
 Operator : JC/MD
 Sample : 03808-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

Quant Time: Aug 01 04:41:35 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)

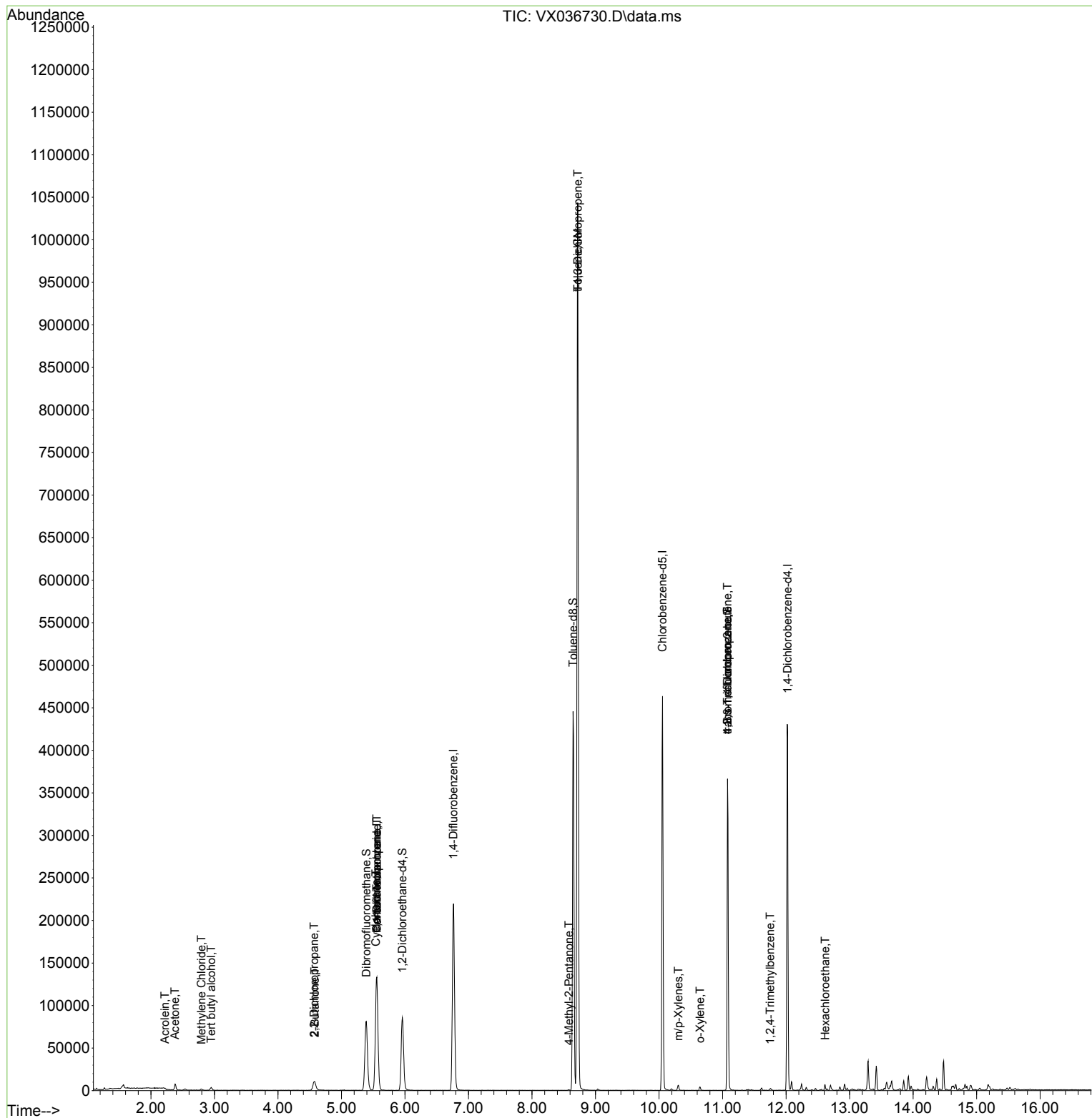
Internal Standards						
1) Pentafluorobenzene	5.556	168	123331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83602	45.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.391	113	70757	45.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	8.647	98	267177	48.752	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	98283	47.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1971	4.562	ug/l #	78
13) Acrolein	2.221	56	137	0.556	ug/l #	31
16) Acetone	2.380	43	7222	9.537	ug/l #	88
20) Methylene Chloride	2.794	84	740	0.439	ug/l #	67
25) 2-Butanone	4.580	43	2387	1.943	ug/l	95
26) 2,2-Dichloropropane	4.568	77	796	0.292	ug/l #	54
31) Cyclohexane	5.544	56	2876	1.138	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	10442	4.533	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13204	5.392	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	556	0.224	ug/l	89
52) Toluene	8.720	92	392873	93.559	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	4569	1.573	ug/l #	1
68) m/p-Xylenes	10.305	106	1451	0.470	ug/l	94
69) o-Xylene	10.646	106	958	0.311	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	50448	24.285	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50448	55.044	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	1351	0.221	ug/l	75
90) Hexachloroethane	12.616	117	297	0.238	ug/l #	17

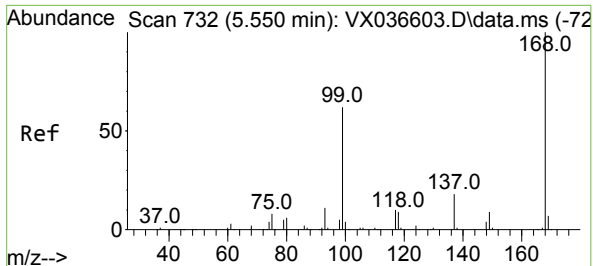
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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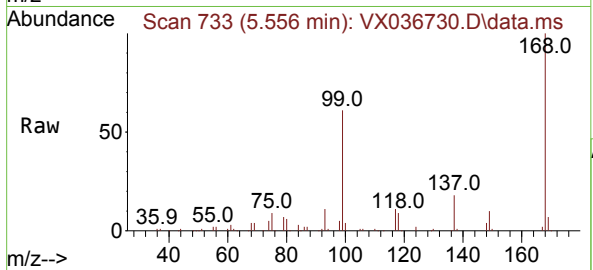
Quant Time: Aug 01 04:41:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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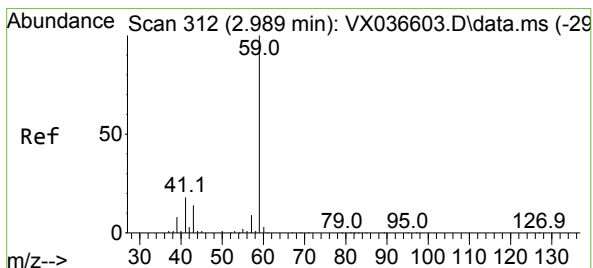
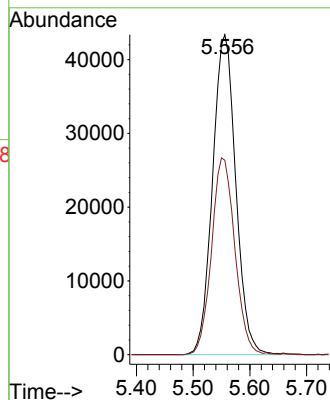
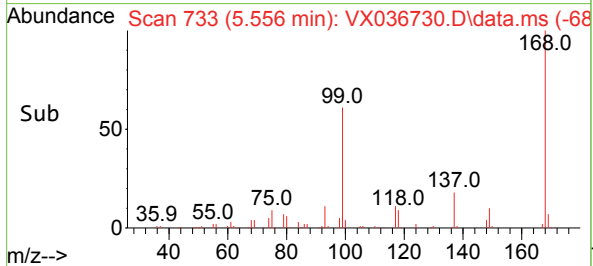


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
1715DL

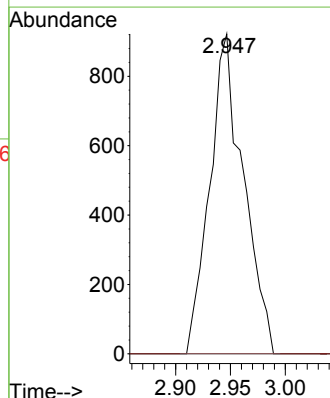
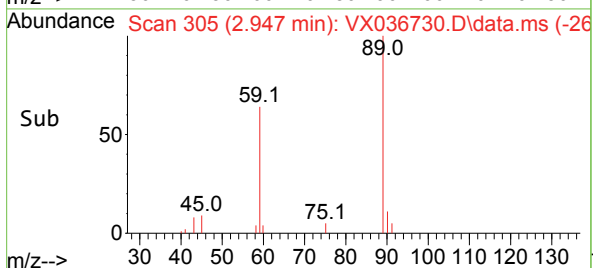
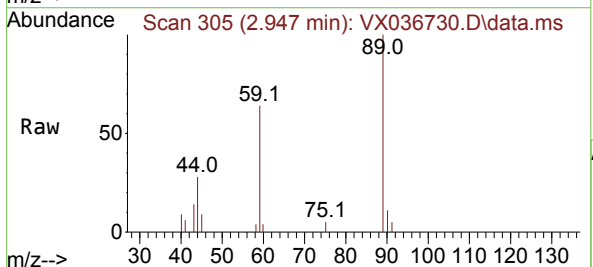


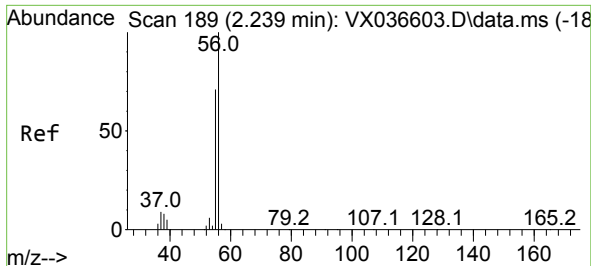
Tgt Ion:168 Resp: 123331
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.562 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 59 Resp: 1971
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

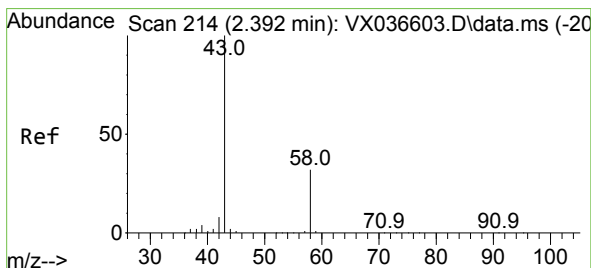
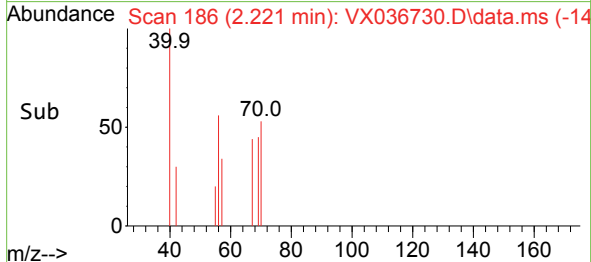
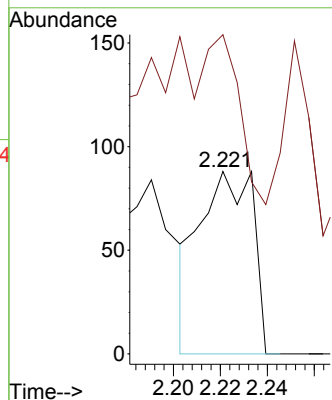
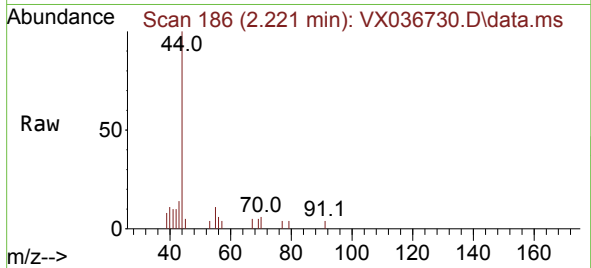




#13
Acrolein
Concen: 0.556 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

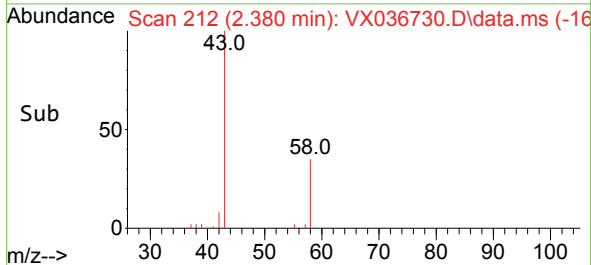
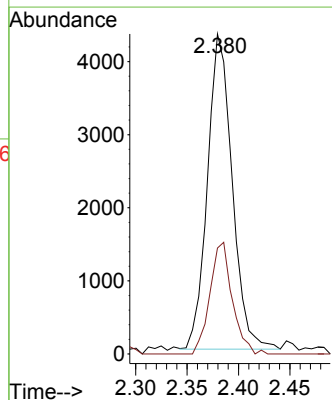
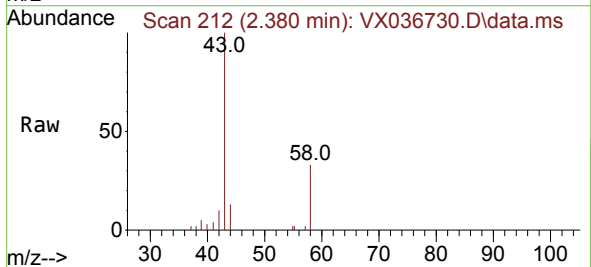
Instrument :
MSVOA_X
ClientSampleId :
1715DL

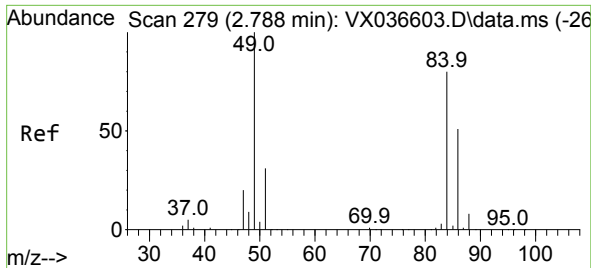
Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 13.9 57.1 85.7#



#16
Acetone
Concen: 9.537 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 43 Resp: 7222
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#

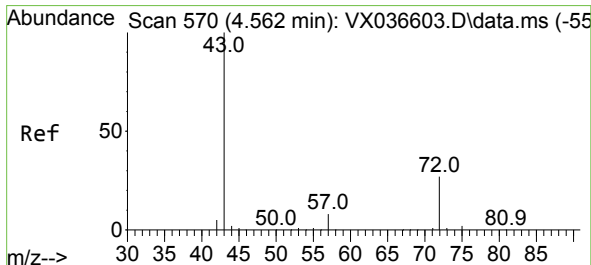
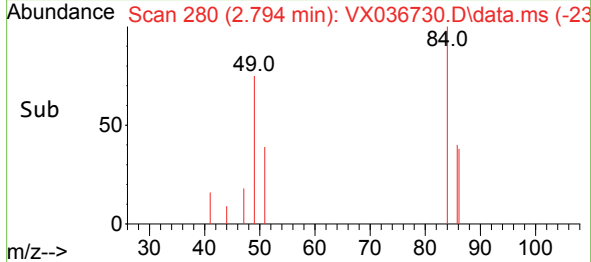
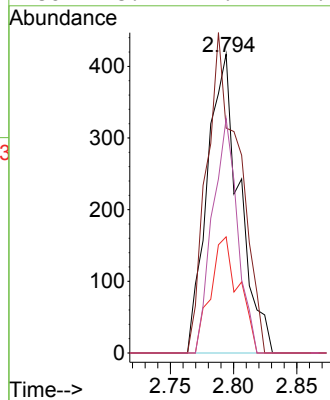
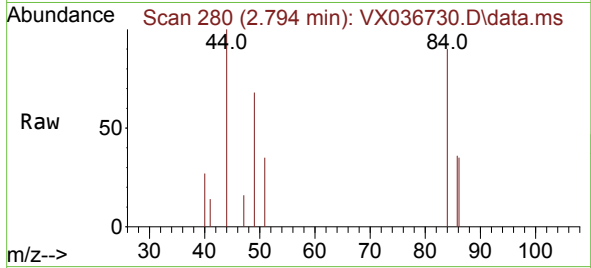




#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

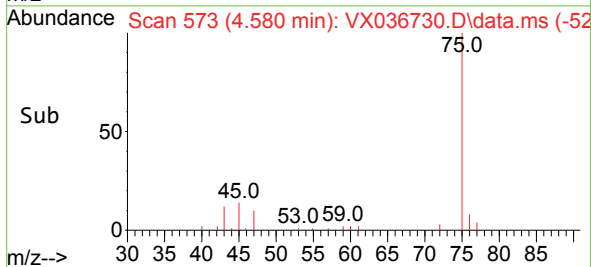
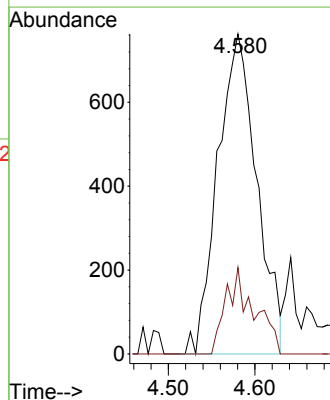
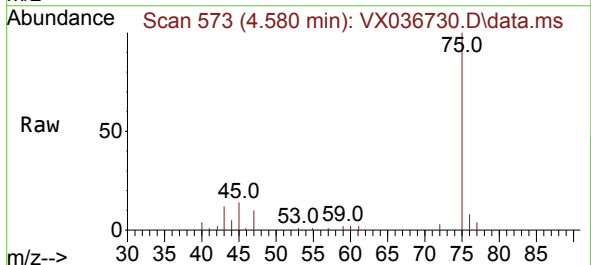
Instrument :
MSVOA_X
ClientSampleId :
1715DL

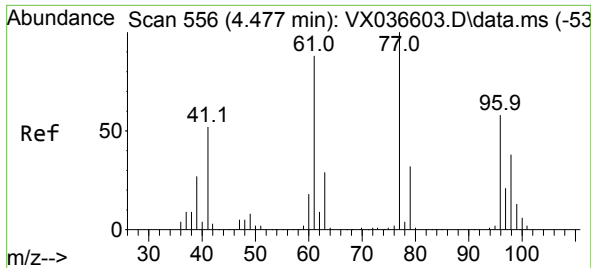
Tgt Ion:	84	Resp:	740
Ion	Ratio	Lower	Upper
84	100		
49	75.3	103.6	155.4#
51	38.8	33.8	50.6
86	78.4	49.4	74.0#



#25
2-Butanone
Concen: 1.943 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion:	43	Resp:	2387
Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.4	29.2

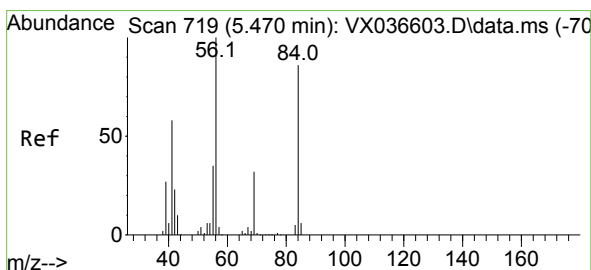
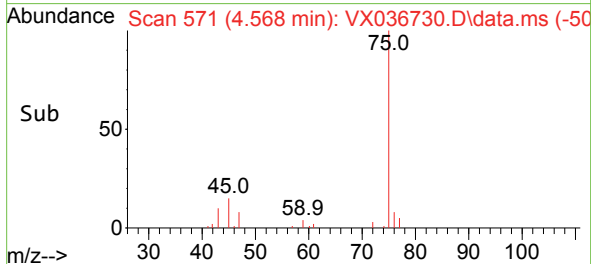
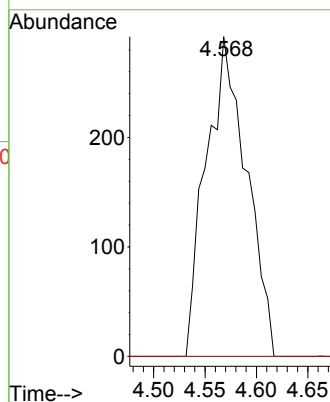
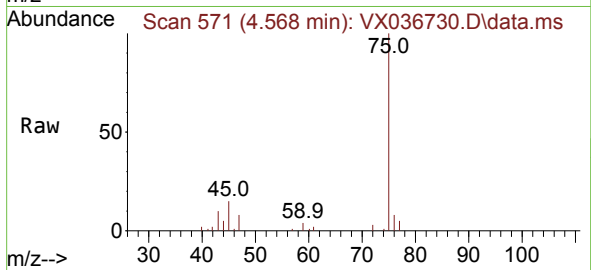




#26
2,2-Dichloropropane
Concen: 0.292 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

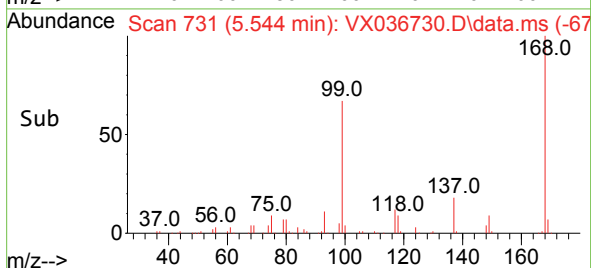
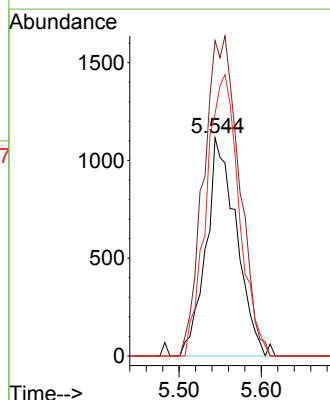
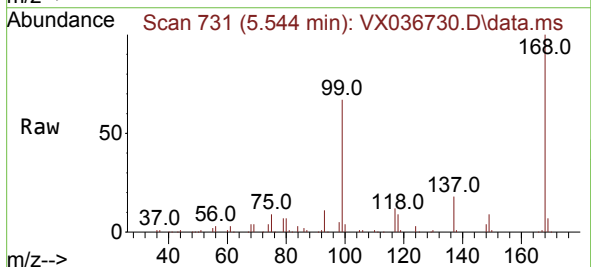
Instrument :
MSVOA_X
ClientSampleId :
1715DL

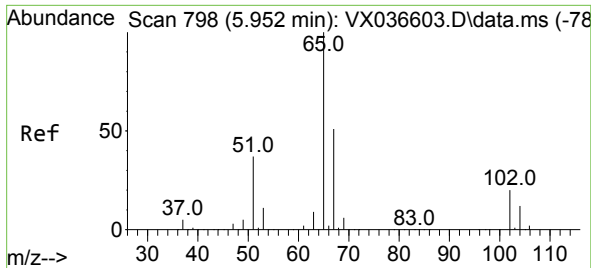
Tgt Ion: 77 Resp: 796
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 56 Resp: 2876
Ion Ratio Lower Upper
56 100
69 144.5 23.4 35.2#
84 111.0 65.9 98.9#

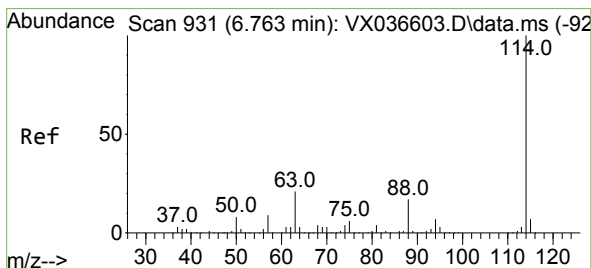
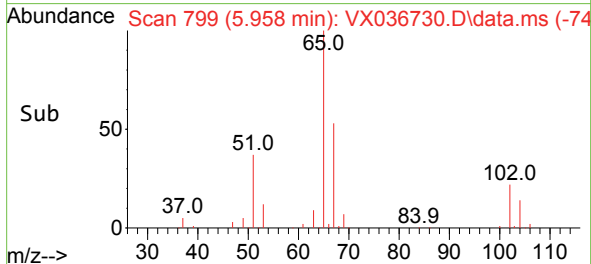
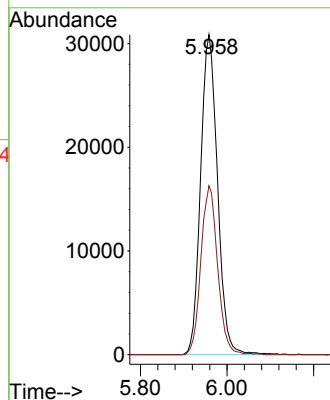
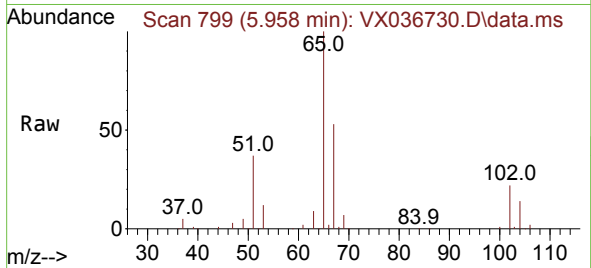




#33
 1,2-Dichloroethane-d4
 Concen: 45.813 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

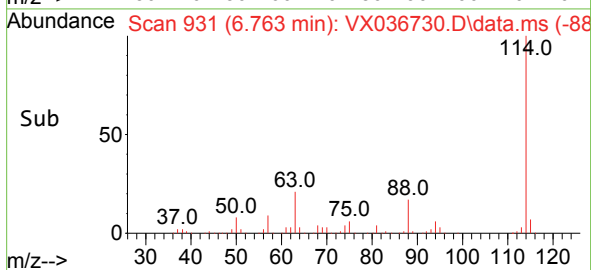
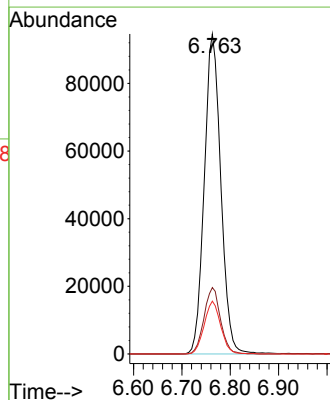
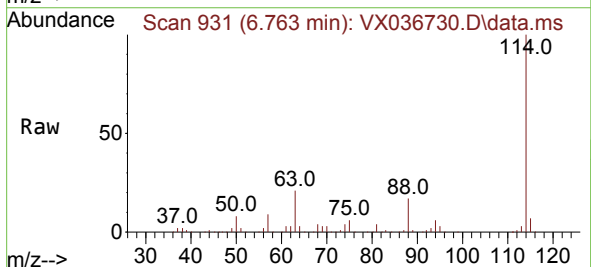
Instrument :
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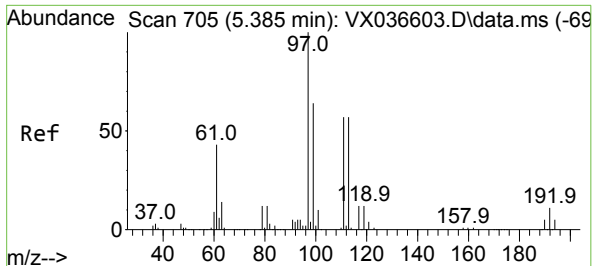
Tgt Ion: 65 Resp: 83602
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Tgt Ion: 114 Resp: 224838
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 16.5 0.0 36.6

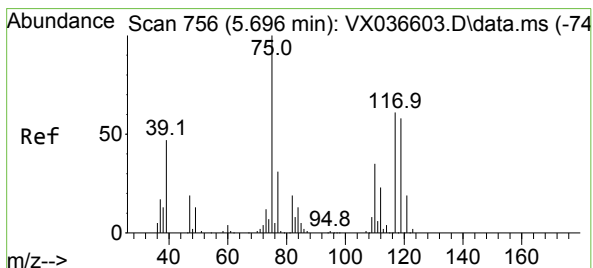
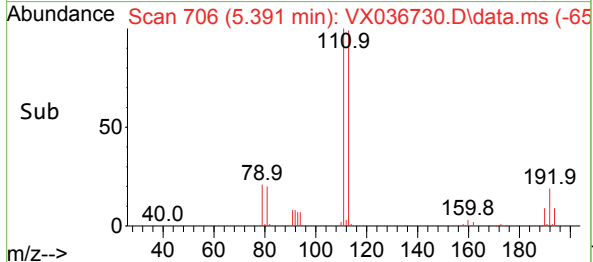
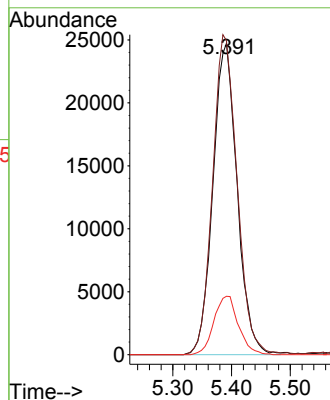
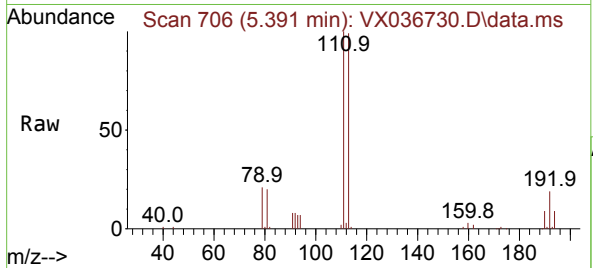




#35
Dibromofluoromethane
Concen: 45.785 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

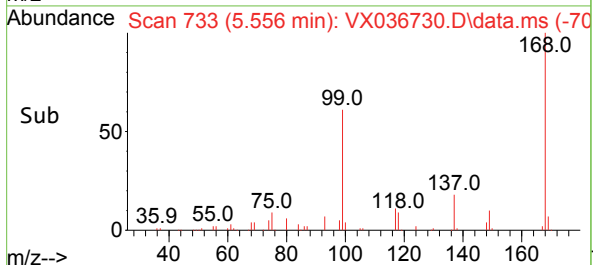
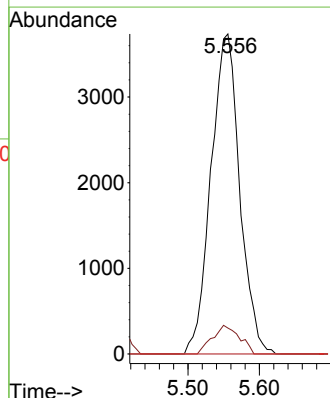
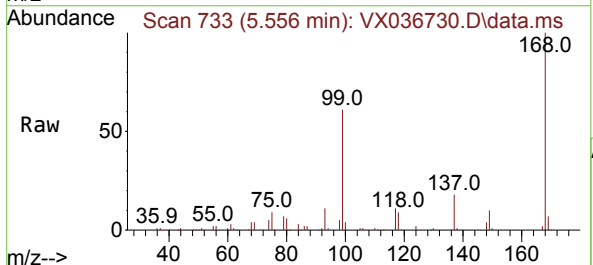
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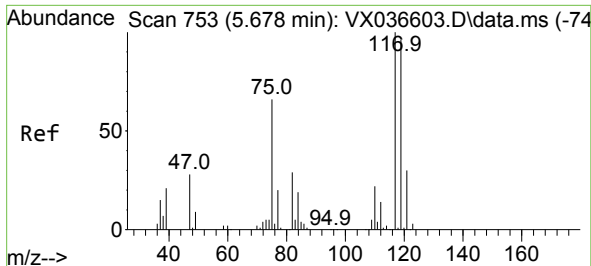
Tgt Ion:113 Resp: 70757
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.533 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

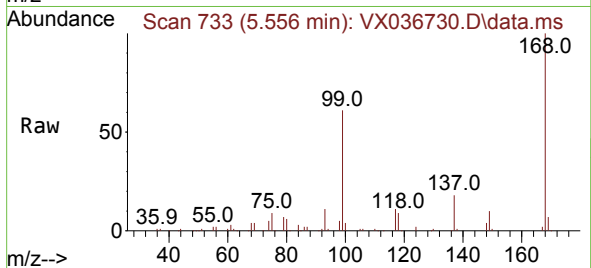
Tgt Ion: 75 Resp: 10442
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



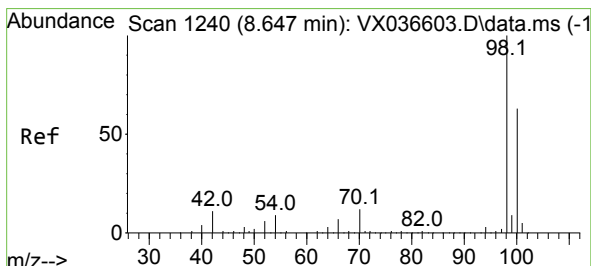
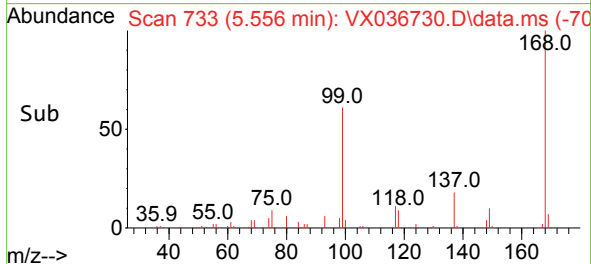
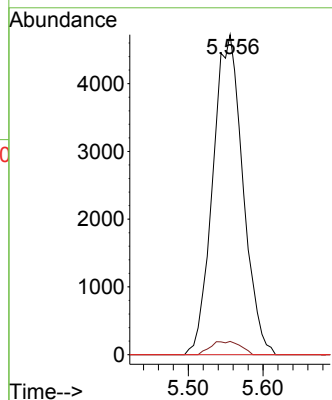


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 5.556 min Scan# 715
Delta R.T. -0.122 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
1715DL

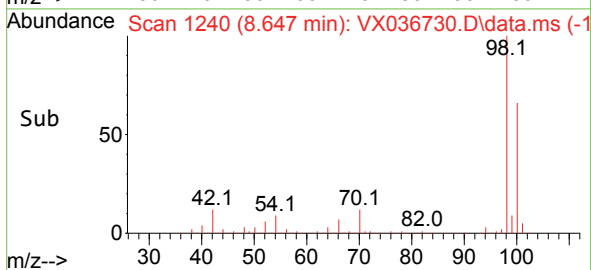
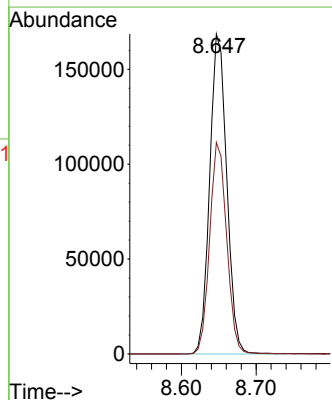
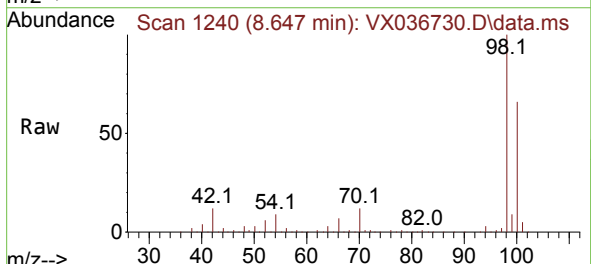


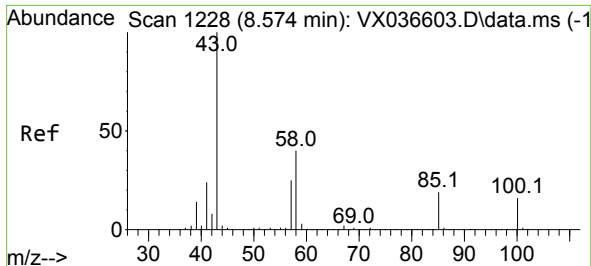
Tgt Ion:117 Resp: 13204
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.752 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 98 Resp: 267177
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

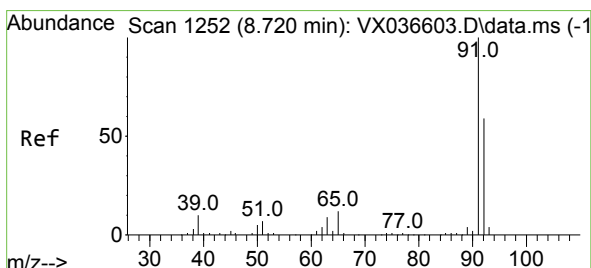
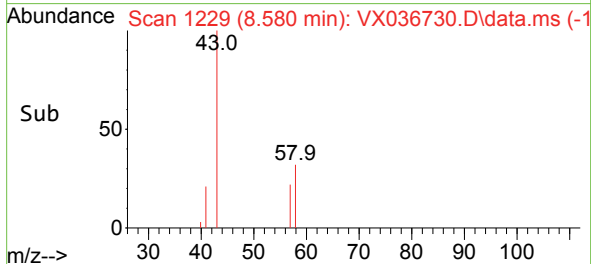
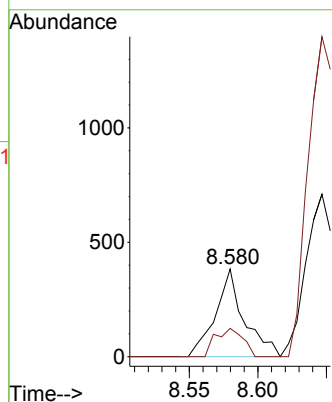
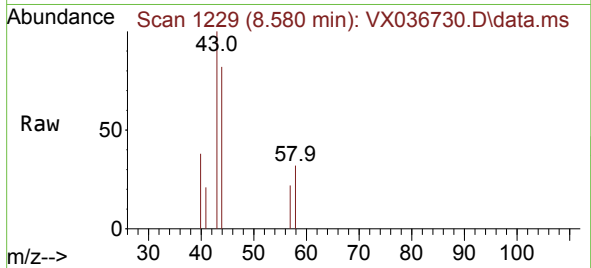




#51
4-Methyl-2-Pentanone
Concen: 0.224 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

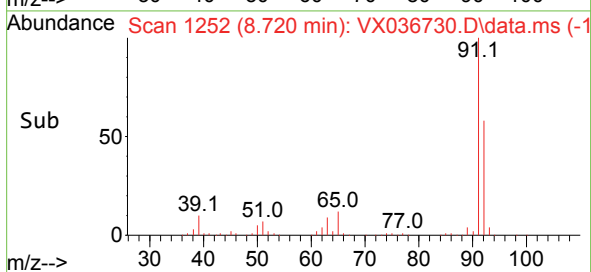
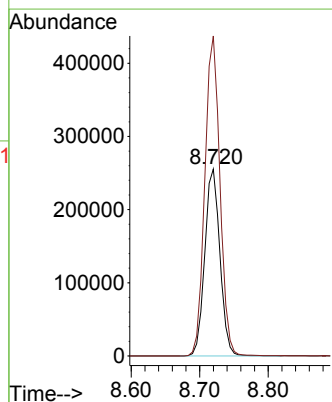
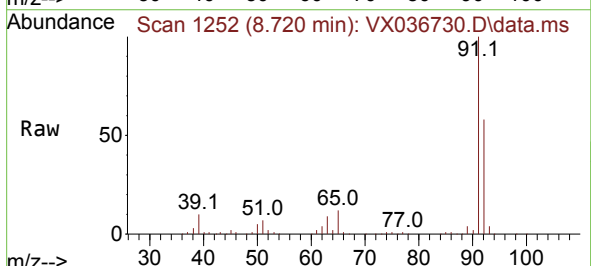
Instrument :
MSVOA_X
ClientSampleId :
1715DL

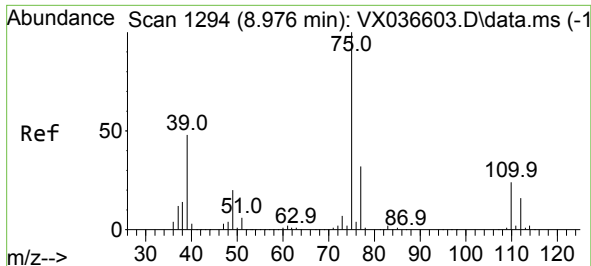
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 31.1 30.4 45.6



#52
Toluene
Concen: 93.559 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 92 Resp: 392873
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2

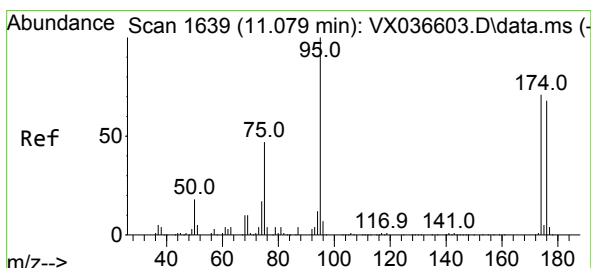
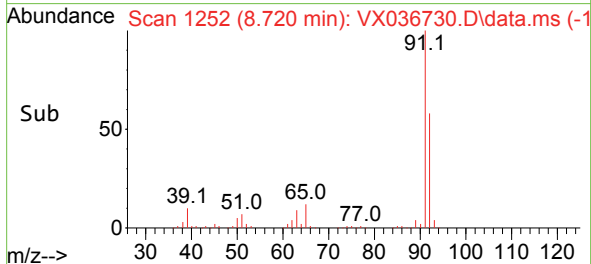
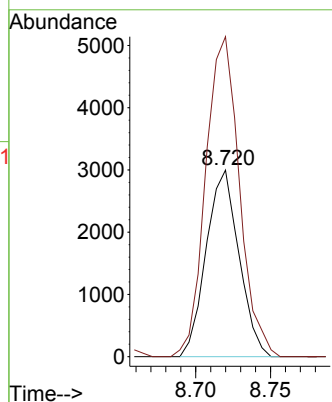
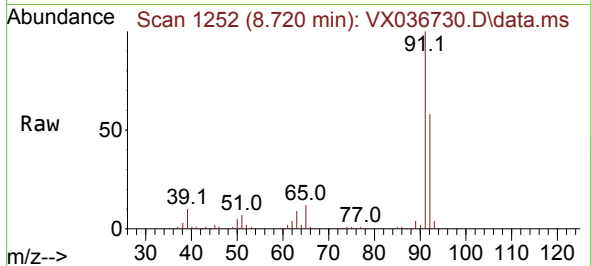




#53
t-1,3-Dichloropropene
Concen: 1.573 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

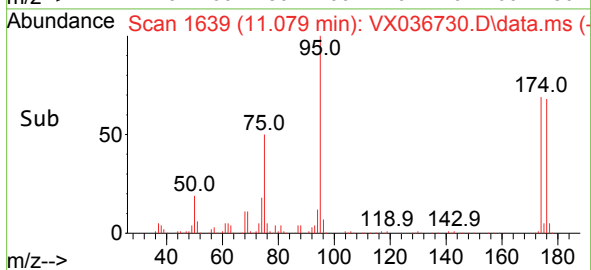
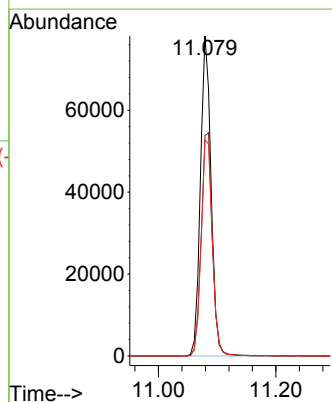
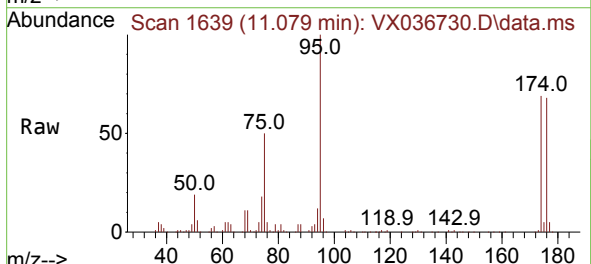
Instrument :
MSVOA_X
ClientSampleId :
1715DL

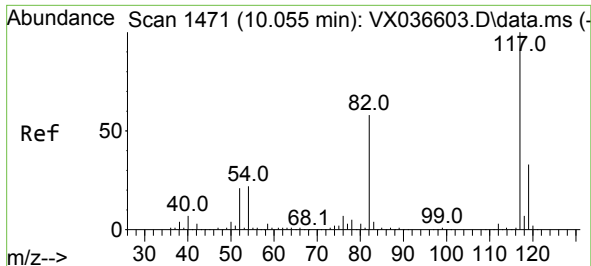
Tgt Ion: 75 Resp: 4569
Ion Ratio Lower Upper
75 100
77 171.5 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 47.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 95 Resp: 98283
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.7 0.0 131.0

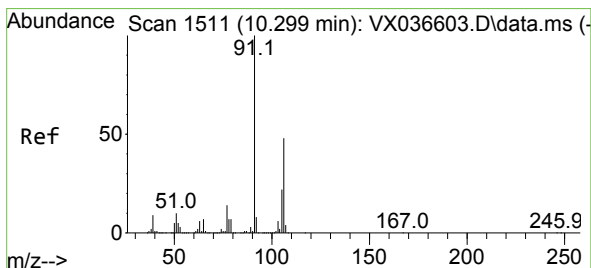
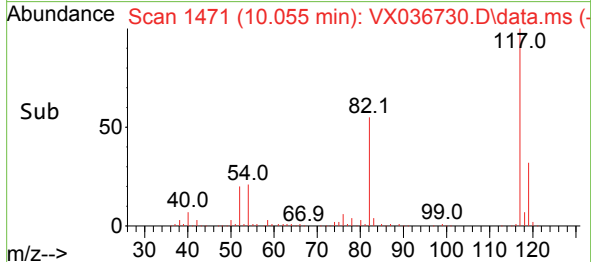
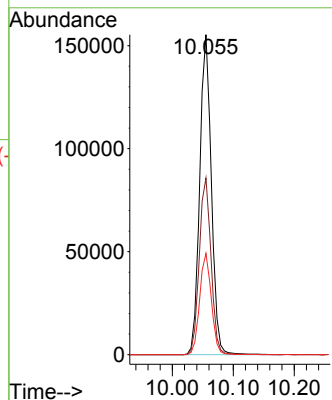
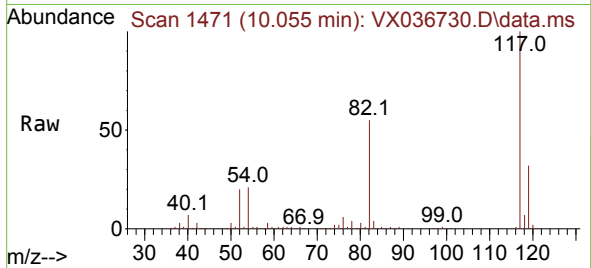




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

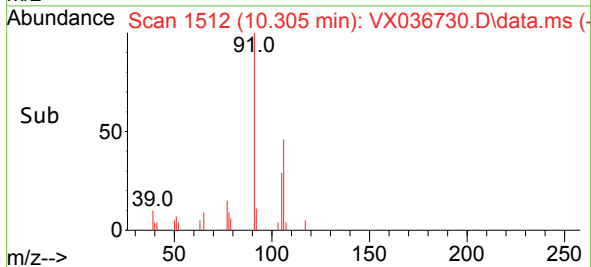
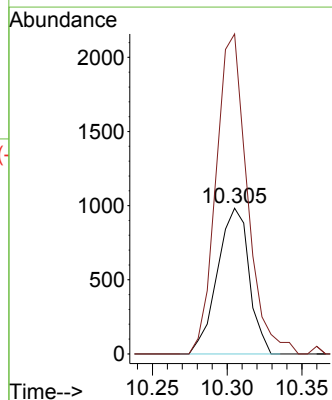
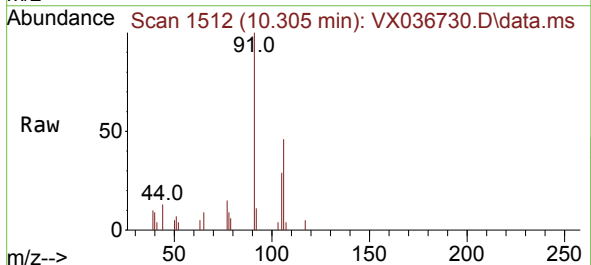
Instrument :
MSVOA_X
ClientSampleId :
1715DL

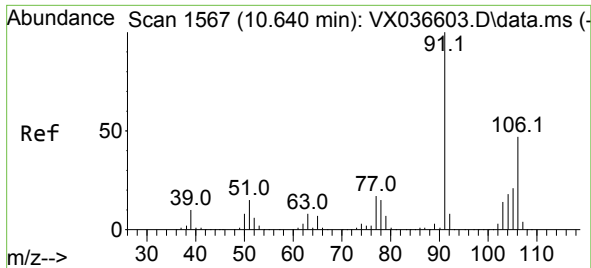
Tgt Ion:117 Resp: 205367
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.470 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion:106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 215.9 165.5 248.3

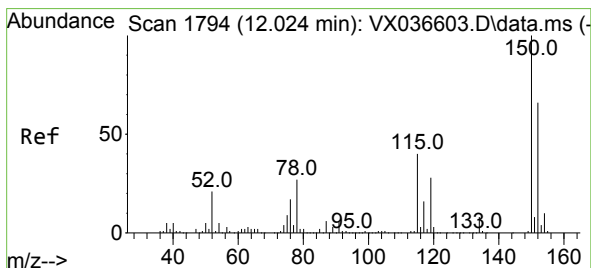
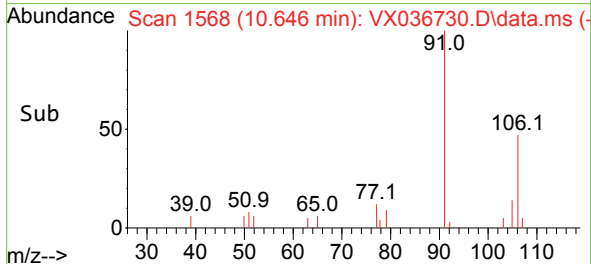
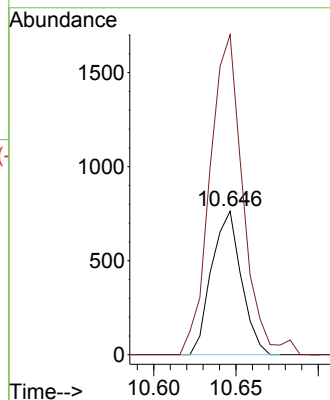
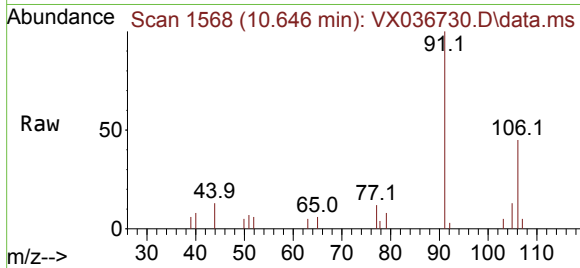




#69
o-Xylene
Concen: 0.311 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

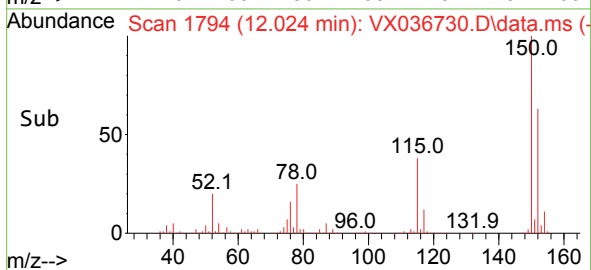
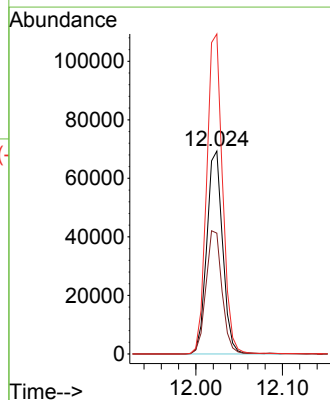
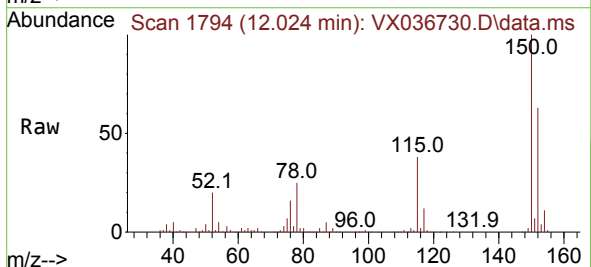
Instrument :
MSVOA_X
ClientSampleId :
1715DL

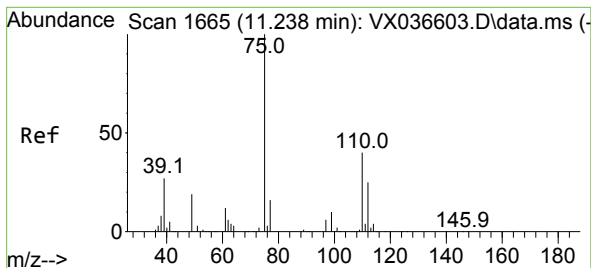
Tgt Ion:106 Resp: 958
Ion Ratio Lower Upper
106 100
91 247.7 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion:152 Resp: 88317
Ion Ratio Lower Upper
152 100
115 61.4 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.285 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036730.D

Acq: 31 Jul 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

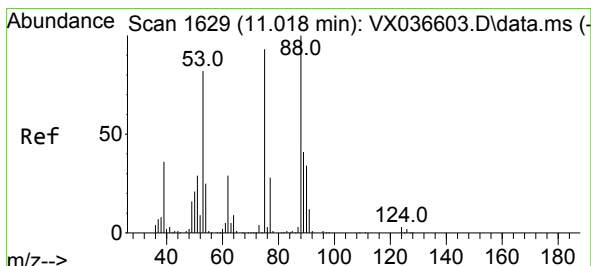
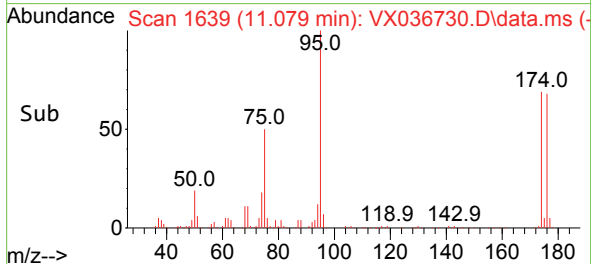
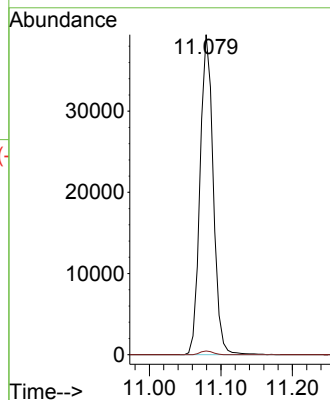
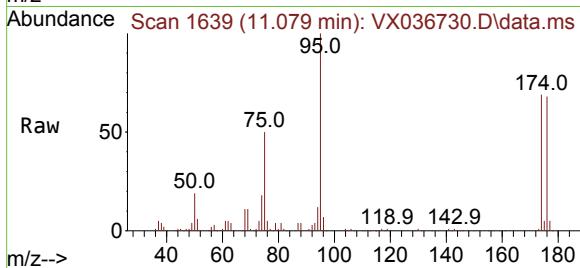
1715DL

Tgt Ion: 75 Resp: 50448

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.044 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036730.D

Acq: 31 Jul 2023 19:11

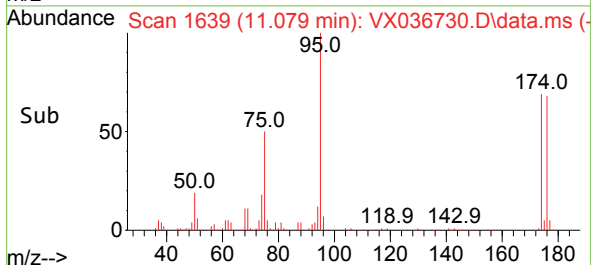
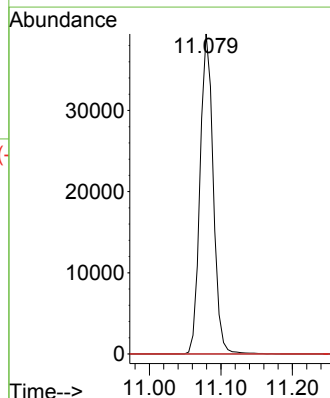
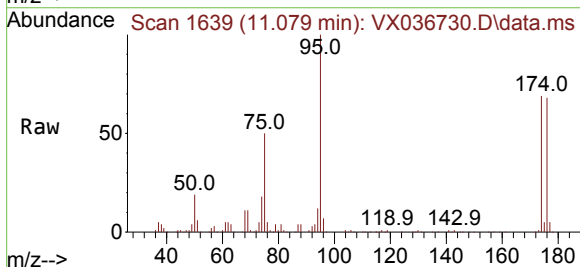
Tgt Ion: 75 Resp: 50448

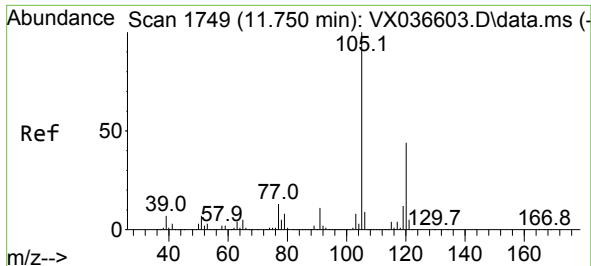
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

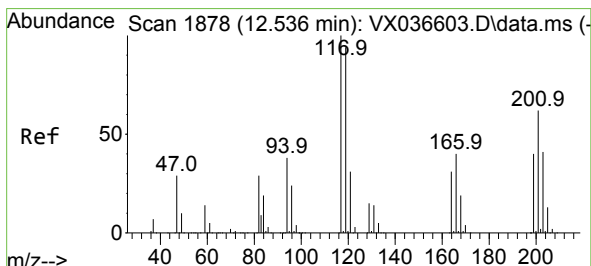
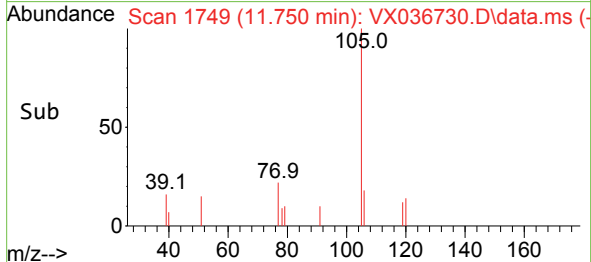
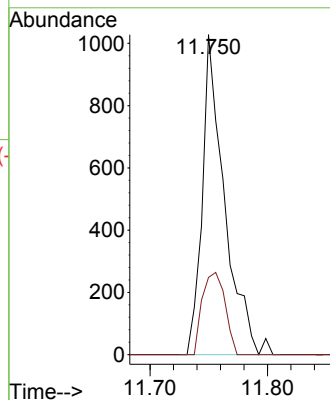
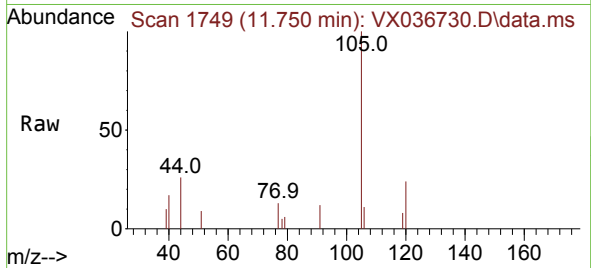




#84
 1,2,4-Trimethylbenzene
 Concen: 0.221 ug/l
 RT: 11.750 min Scan# 1171
 Delta R.T. -0.000 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

Tgt Ion:105 Resp: 1351
 Ion Ratio Lower Upper
 105 100
 120 26.3 21.2 63.6



#90
 Hexachloroethane
 Concen: 0.238 ug/l
 RT: 12.616 min Scan# 1891
 Delta R.T. 0.079 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Tgt Ion:117 Resp: 297
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.9 98.6#

