

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036787.D
 Acq On : 03 Aug 2023 10:06
 Operator : JC/MD
 Sample : VX0803WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBL01

Quant Time: Aug 04 07:30:44 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)

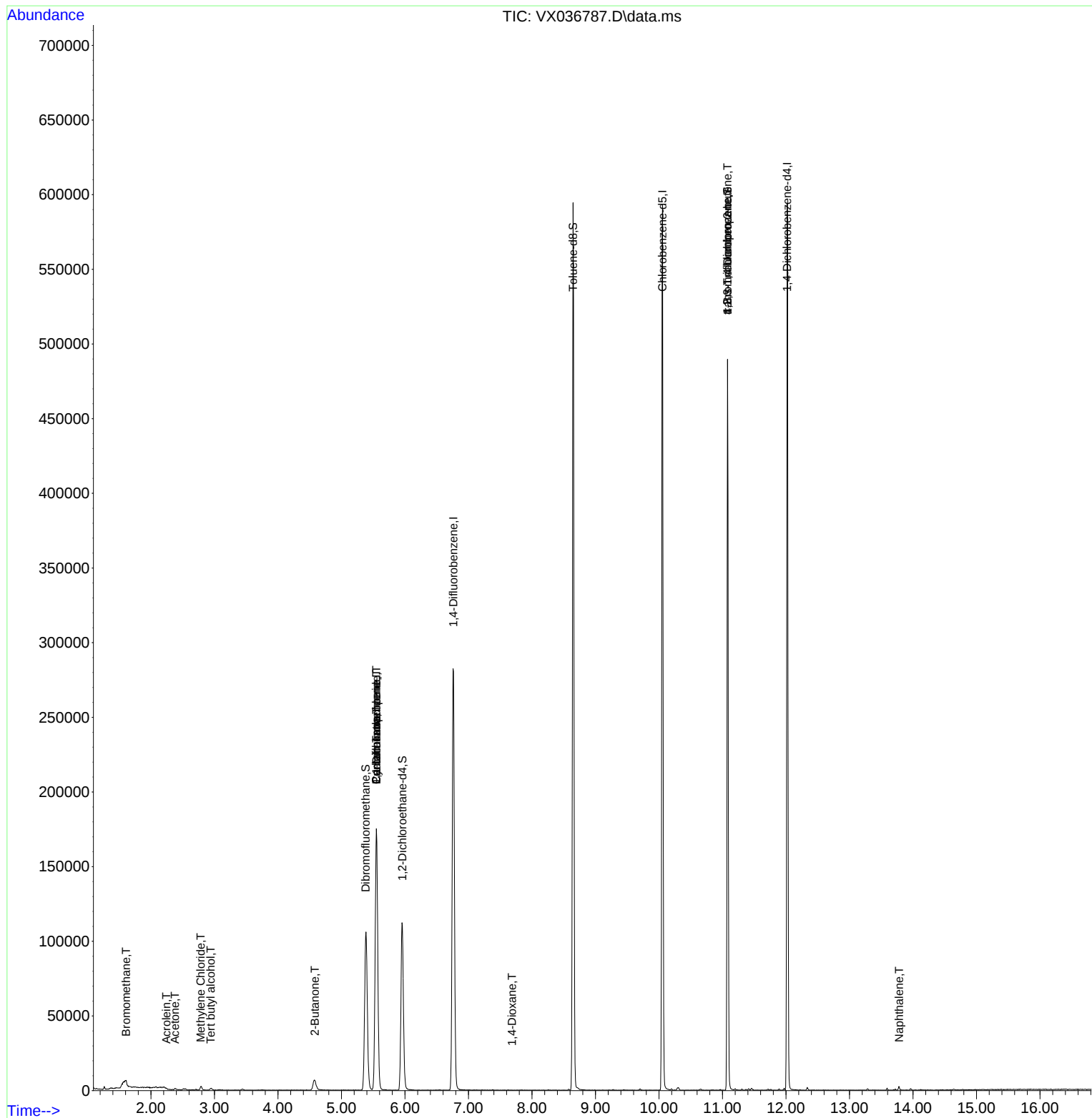
Internal Standards						
1) Pentafluorobenzene	5.550	168	161901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110015	45.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.379	113	93823	46.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	353605	49.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	130189	48.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	283	0.239	ug/l #	42
11) Tert butyl alcohol	2.941	59	837	1.476	ug/l #	78
13) Acrolein	2.240	56	344	1.063	ug/l #	77
16) Acetone	2.380	43	1091	1.098	ug/l #	75
20) Methylene Chloride	2.782	84	1451	0.656	ug/l #	81
25) 2-Butanone	4.581	43	872	0.541	ug/l #	51
31) Cyclohexane	5.550	56	3611	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13487	4.464	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17219	5.360	ug/l #	15
49) 1,4-Dioxane	7.684	88	19	0.344	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	68616	24.362	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68616	55.218	ug/l #	5
95) Naphthalene	13.780	128	2164	0.250	ug/l	96

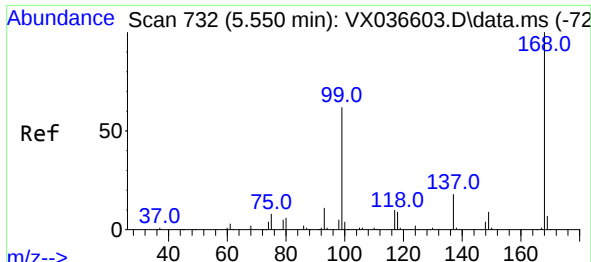
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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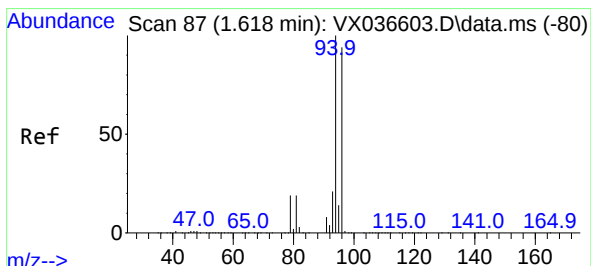
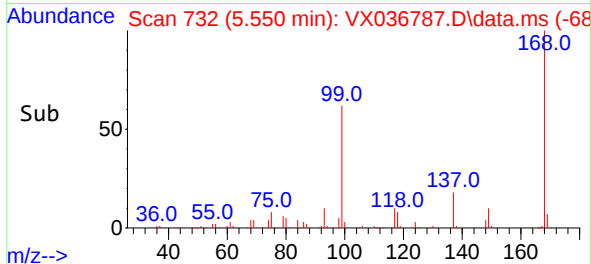
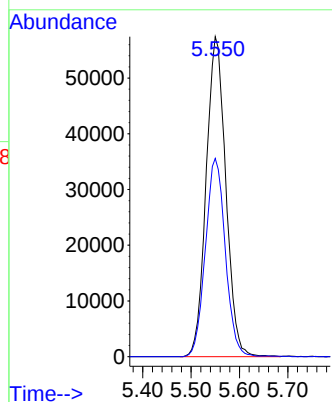
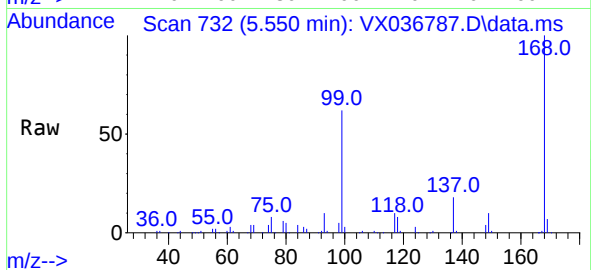




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

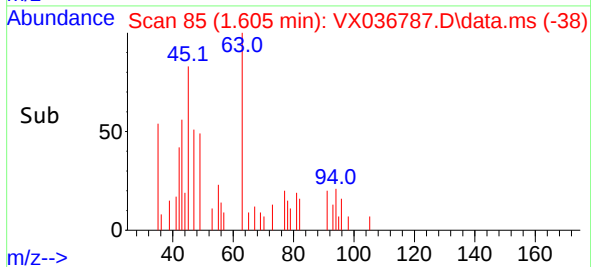
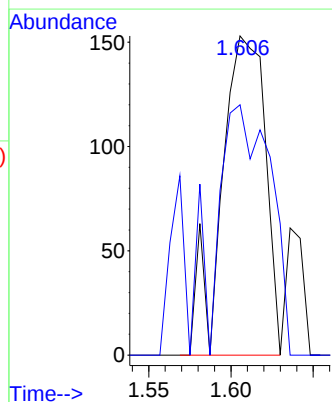
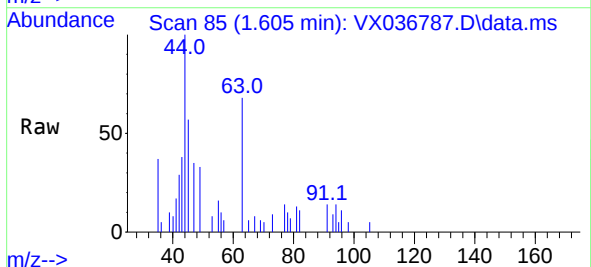
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

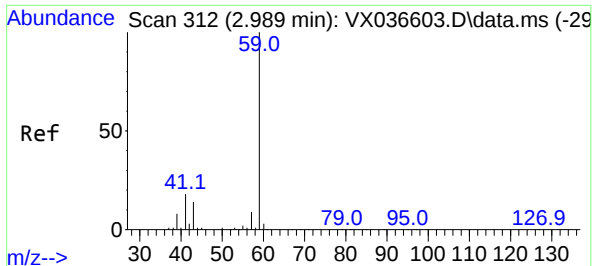
Tgt Ion:168 Resp: 161901
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 37.3 74.6 111.8#





#11

Tert butyl alcohol

Concen: 1.476 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036787.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

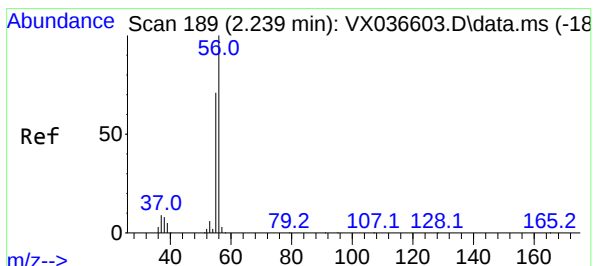
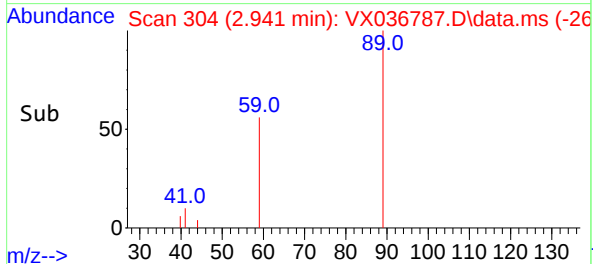
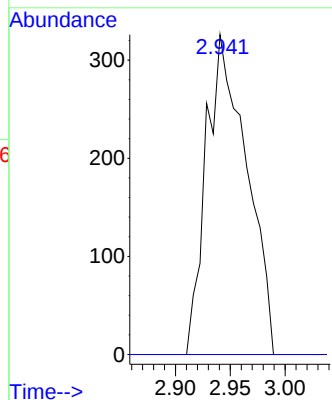
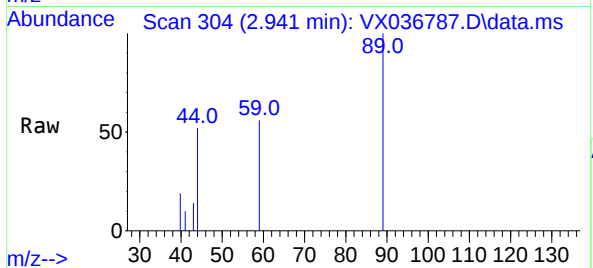
VX0803WBL01

Tgt Ion: 59 Resp: 837

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.063 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036787.D

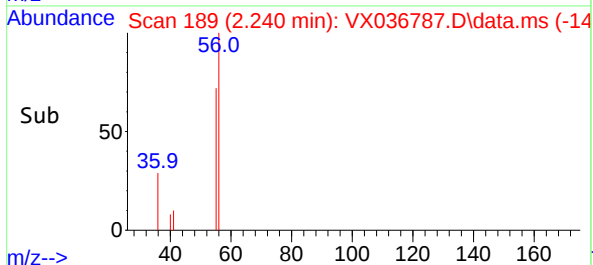
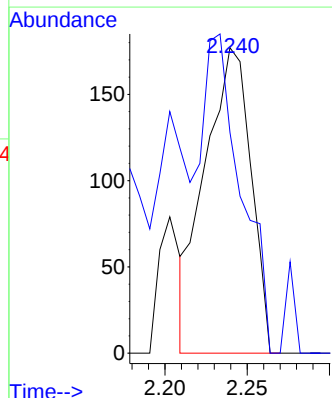
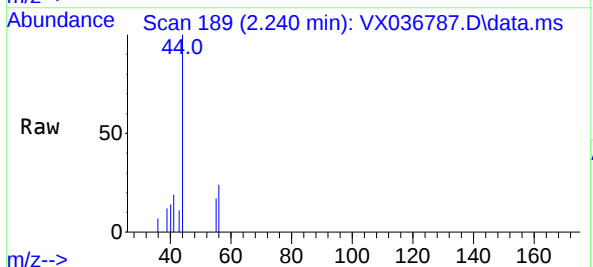
Acq: 03 Aug 2023 10:06

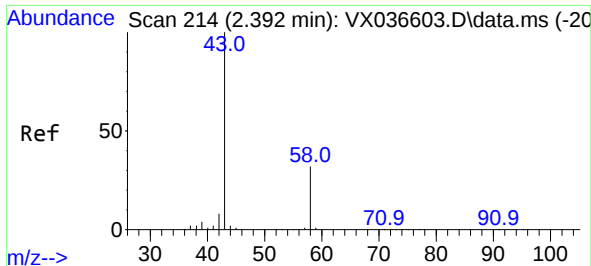
Tgt Ion: 56 Resp: 344

Ion Ratio Lower Upper

56 100

55 90.1 57.1 85.7#

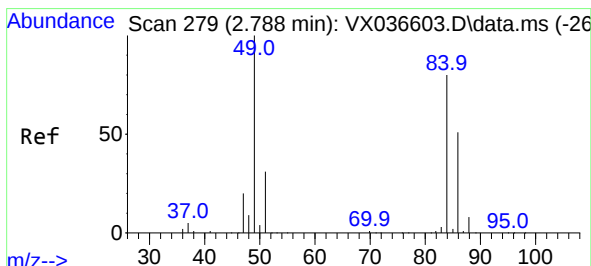
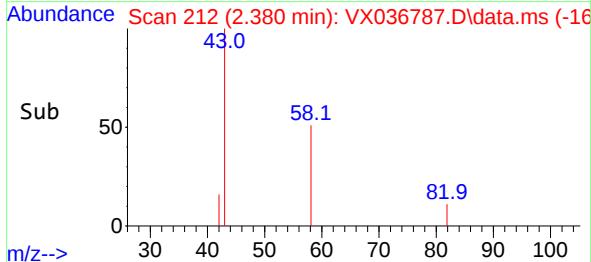
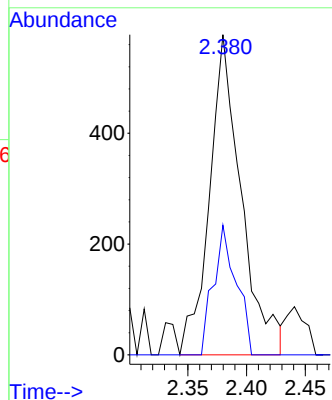
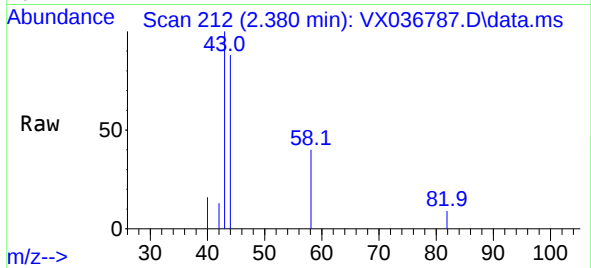




#16
Acetone
Concen: 1.098 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

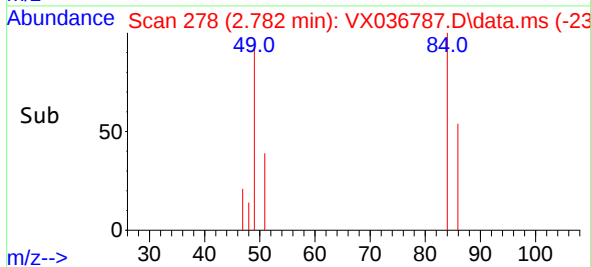
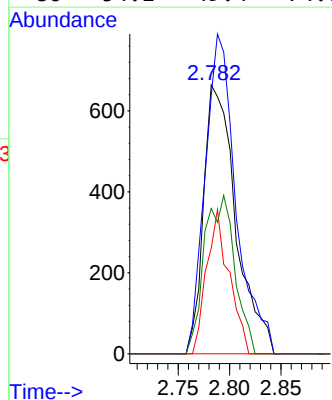
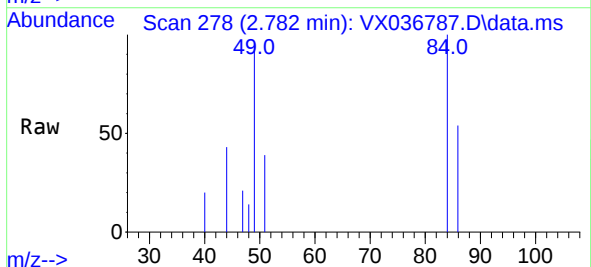
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

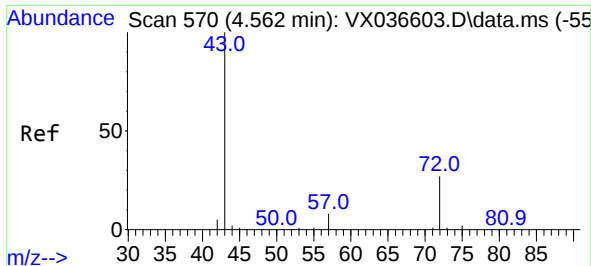
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 40.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 84 Resp: 1451
Ion Ratio Lower Upper
84 100
49 96.1 103.6 155.4#
51 39.3 33.8 50.6
86 54.1 49.4 74.0

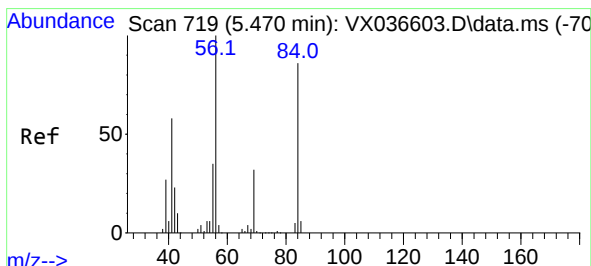
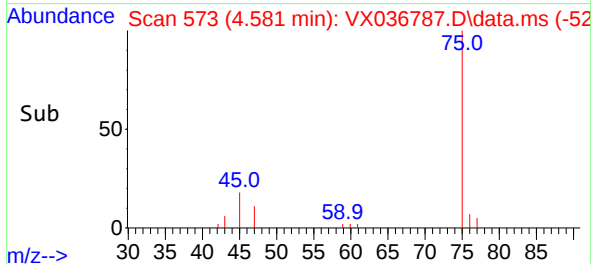
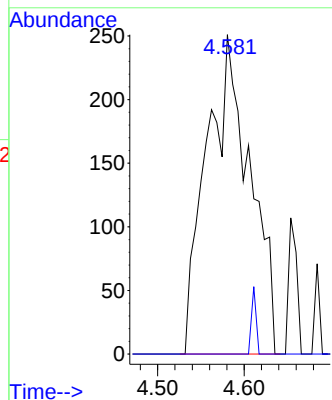
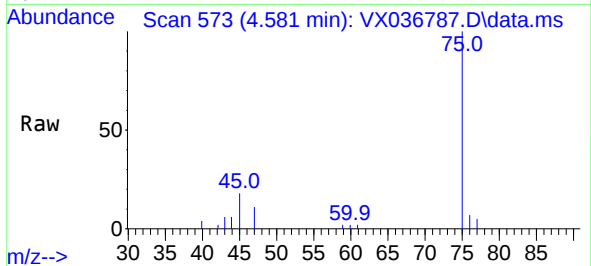




#25
2-Butanone
Concen: 0.541 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

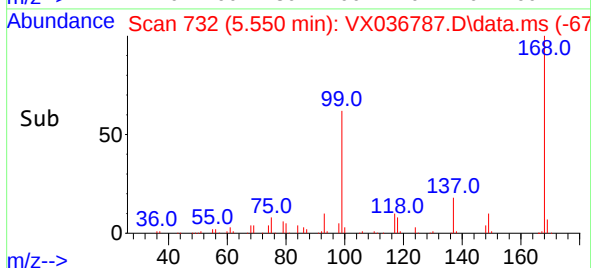
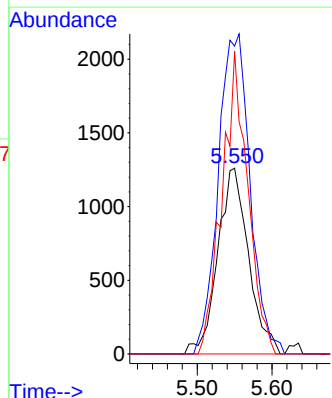
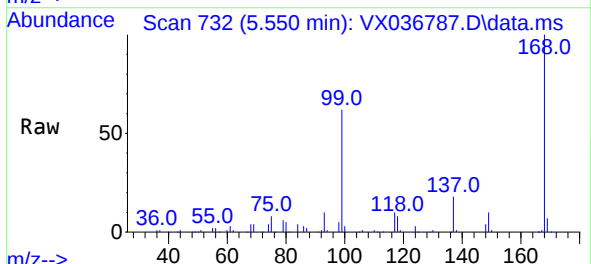
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

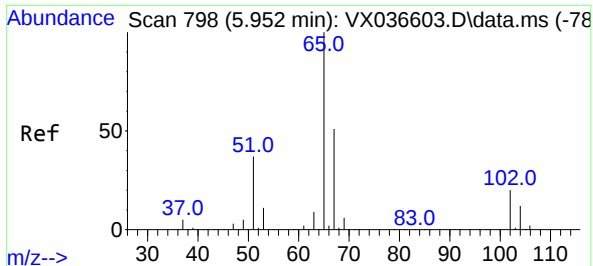
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 56 Resp: 3611
Ion Ratio Lower Upper
56 100
69 165.7 23.4 35.2#
84 162.9 65.9 98.9#

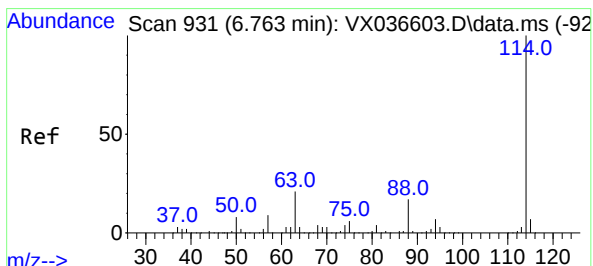
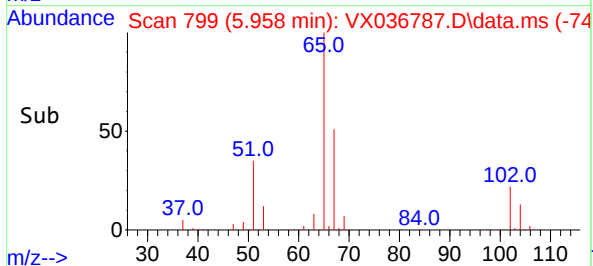
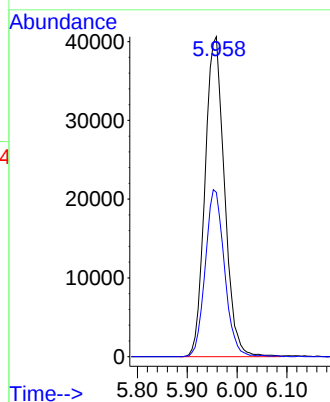
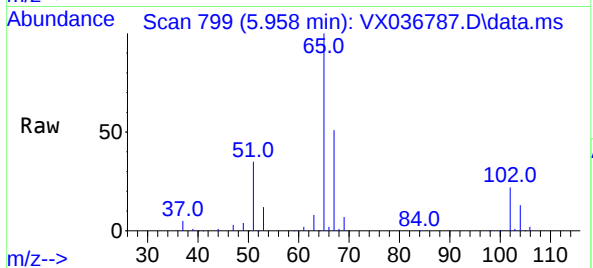




#33
1,2-Dichloroethane-d4
Concen: 45.924 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

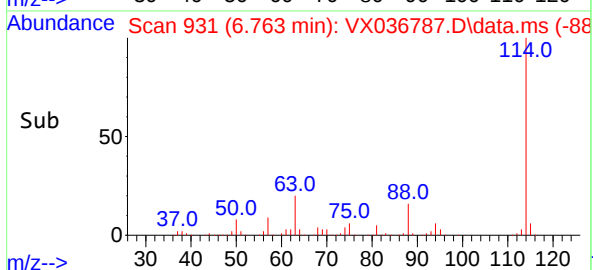
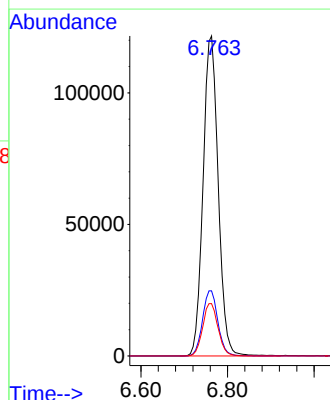
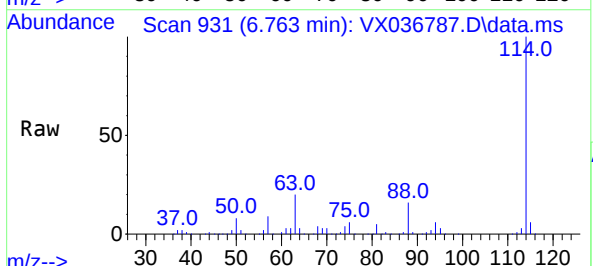
Instrument :
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ClientSampleId :
VX0803WBL01

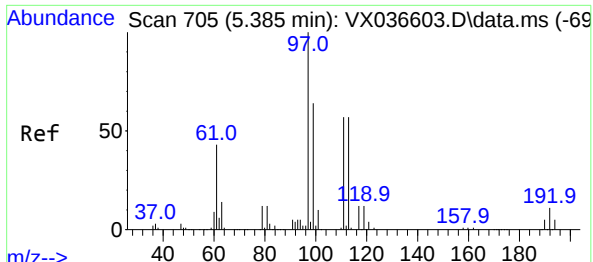
Tgt Ion: 65 Resp: 110015
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 114 Resp: 294929
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.283 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX036787.D

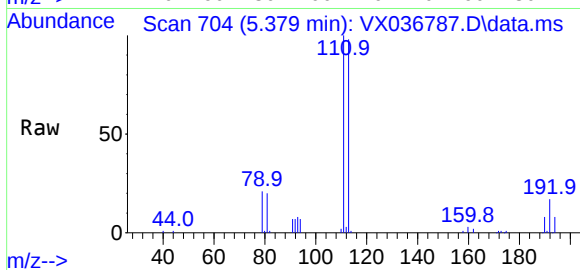
Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBL01



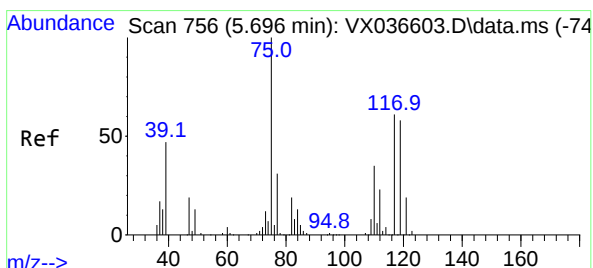
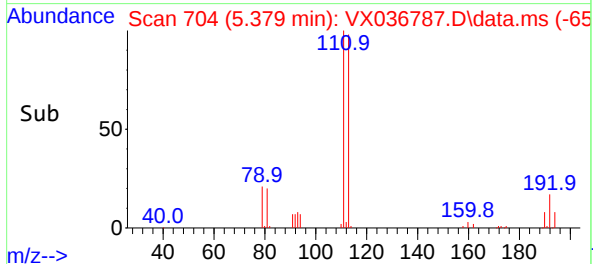
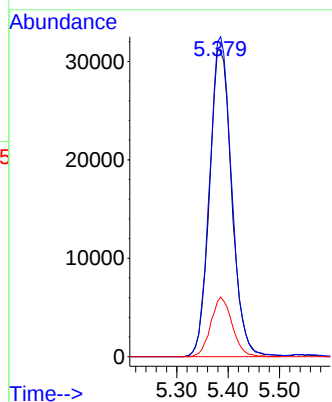
Tgt Ion:113 Resp: 93823

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.464 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036787.D

Acq: 03 Aug 2023 10:06

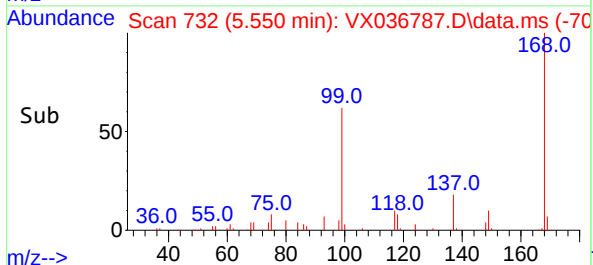
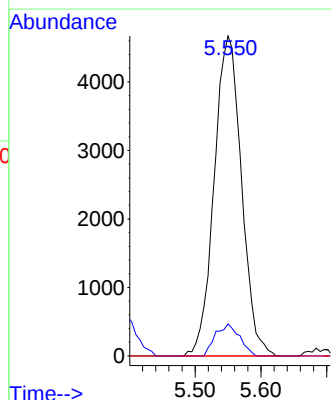
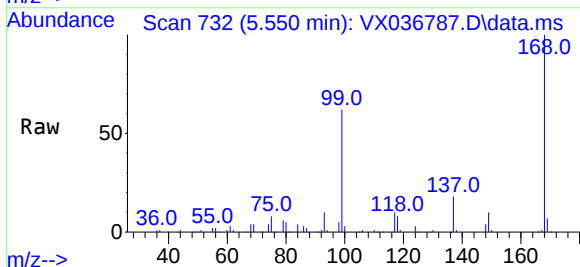
Tgt Ion: 75 Resp: 13487

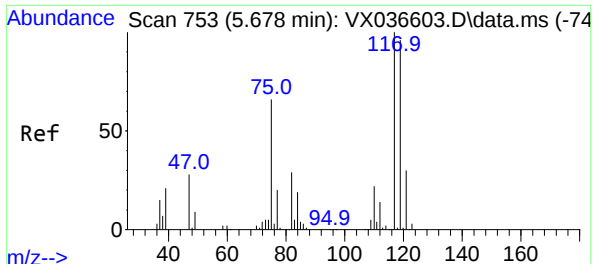
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

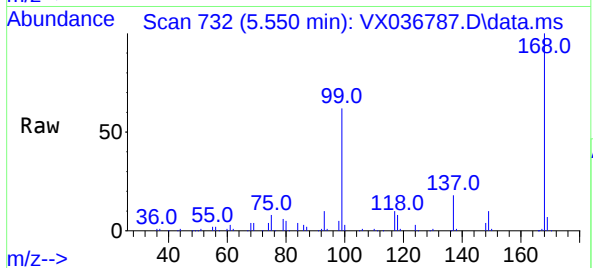
77 0.0 24.7 37.1#



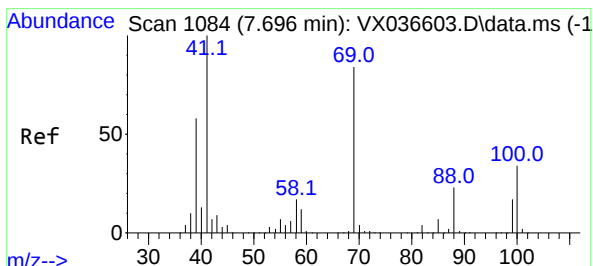
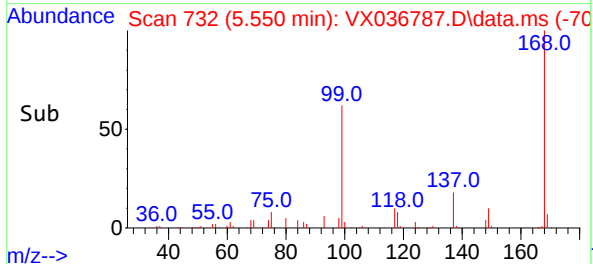
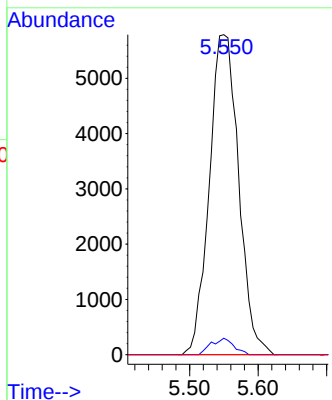


#38
Carbon Tetrachloride
Concen: 5.360 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

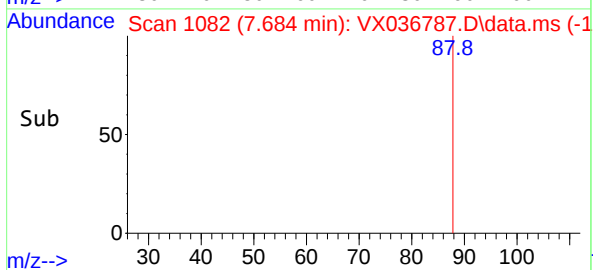
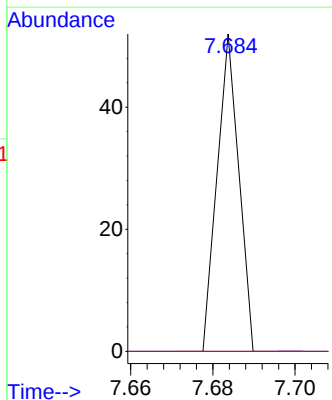
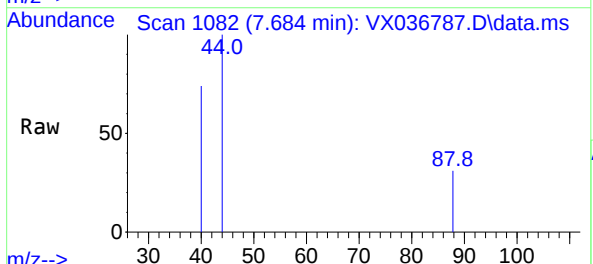


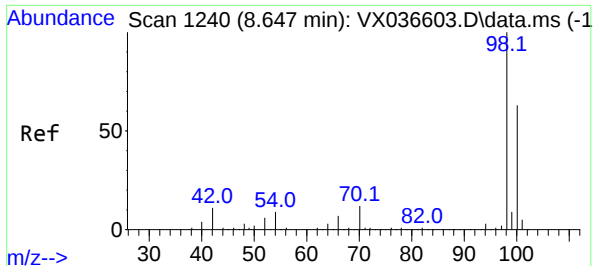
Tgt Ion:117 Resp: 17219
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.344 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

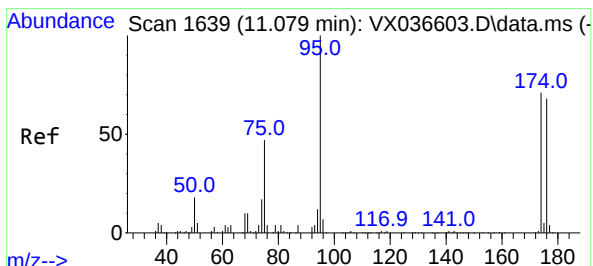
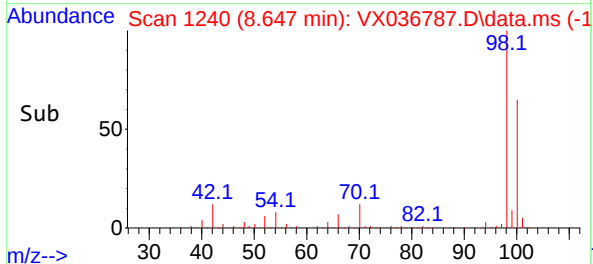
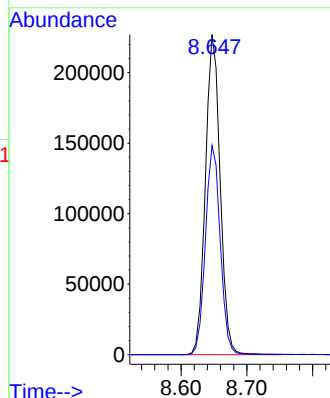
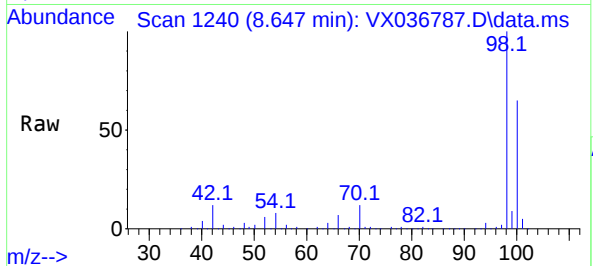




#50
Toluene-d8
Concen: 49.188 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

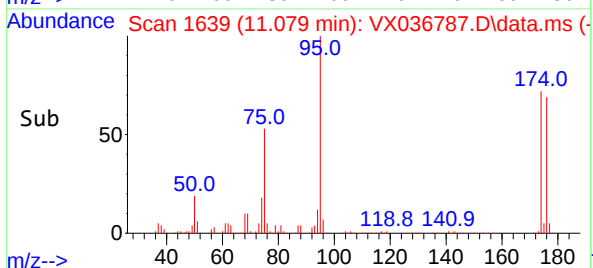
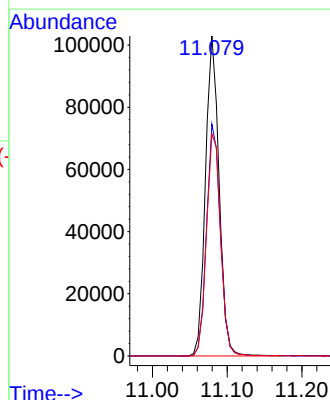
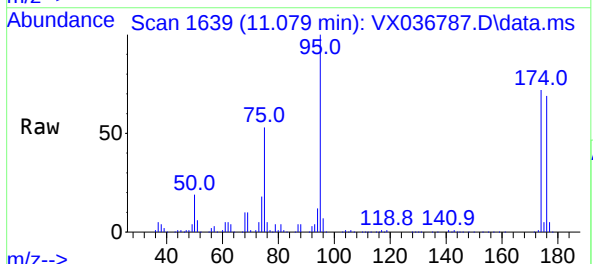
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

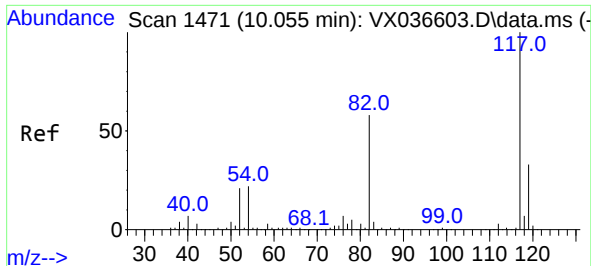
Tgt Ion: 98 Resp: 353605
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 95 Resp: 130189
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.6 0.0 131.0

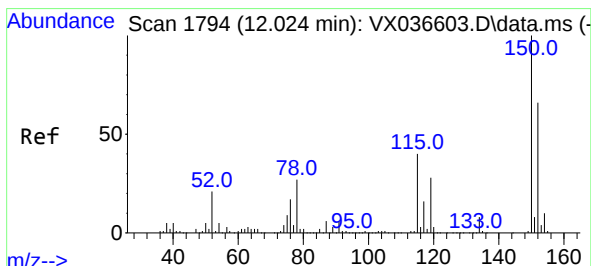
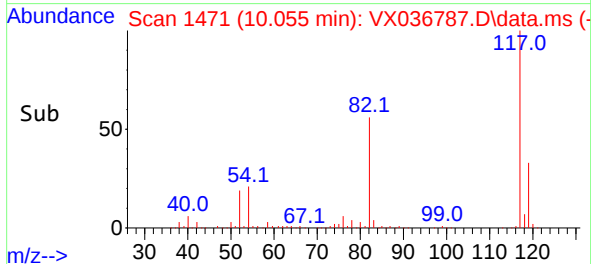
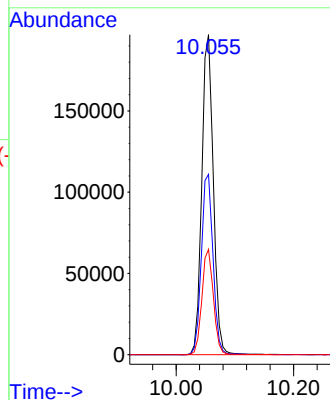
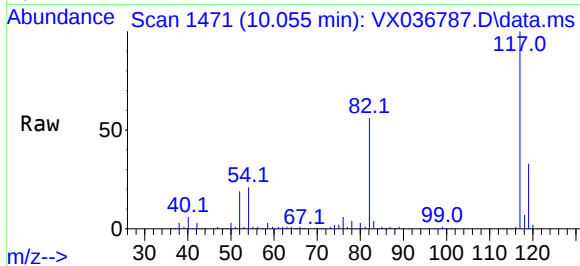




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

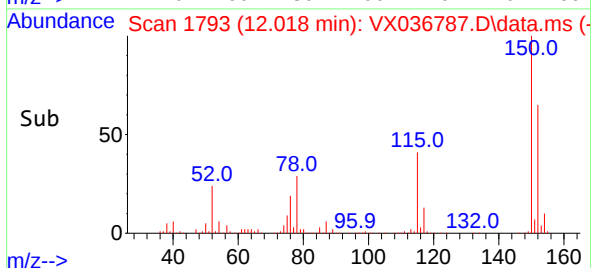
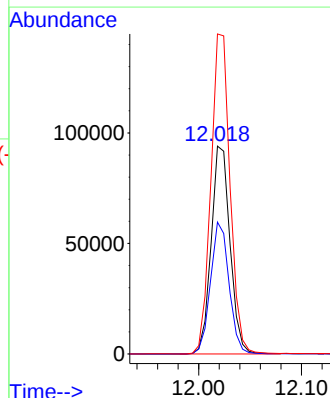
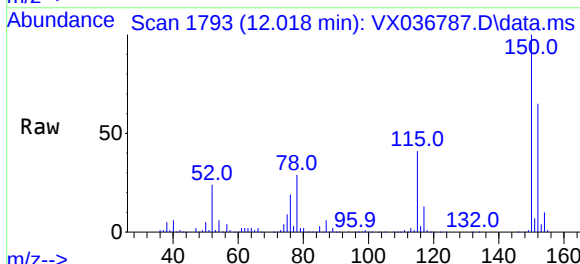
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

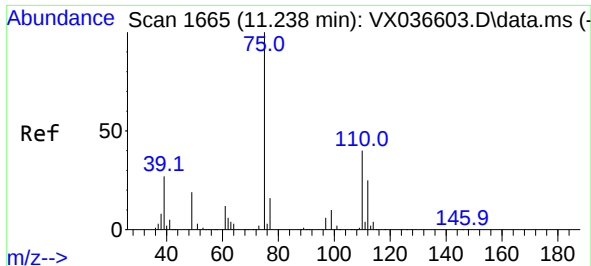
Tgt Ion:117 Resp: 269107
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Tgt Ion:152 Resp: 119745
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.1 0.0 345.0

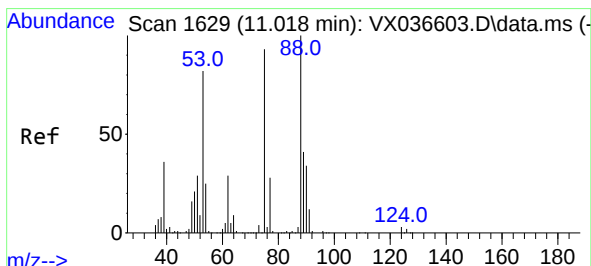
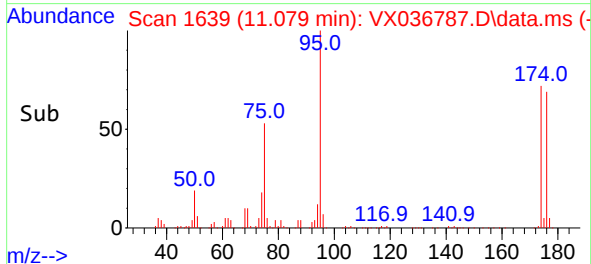
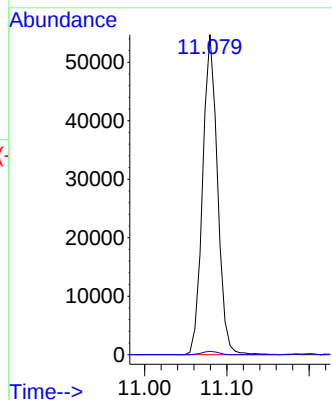
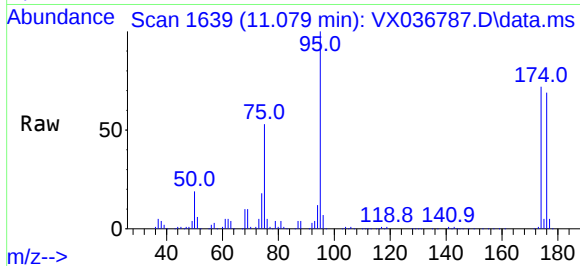




#76
1,2,3-Trichloropropane
Concen: 24.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

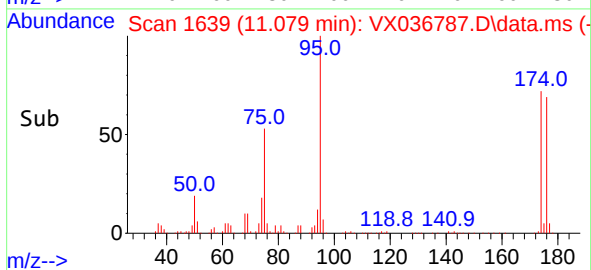
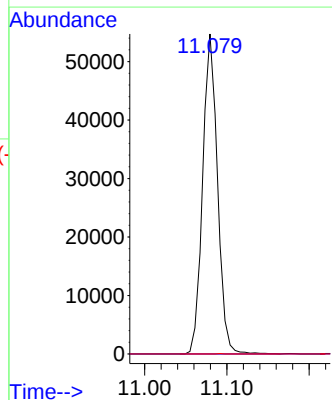
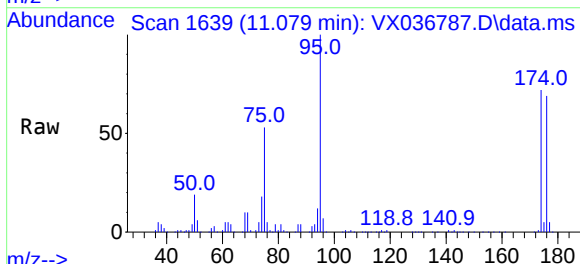
Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01

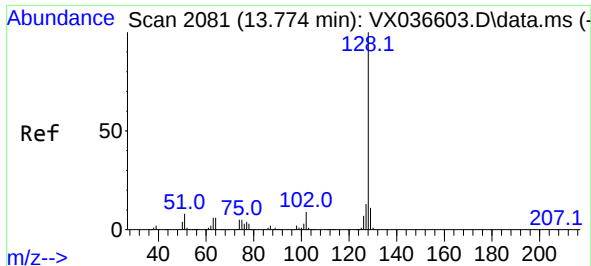
Tgt Ion: 75 Resp: 68616
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.218 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

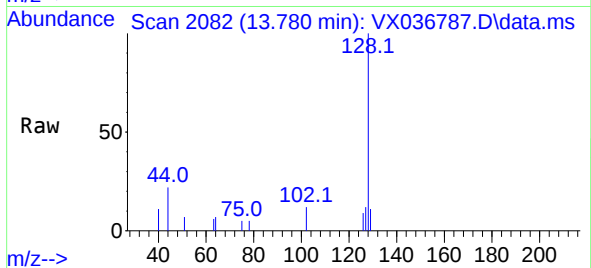
Tgt Ion: 75 Resp: 68616
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.250 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036787.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBL01



Tgt Ion:	128	Resp:	2164
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.3	15.5
129	9.4	8.8	13.2

