

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036762.D
 Acq On : 02 Aug 2023 11:52
 Operator : JC/MD
 Sample : VX0802MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBL01

Quant Time: Aug 03 07:26:59 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)

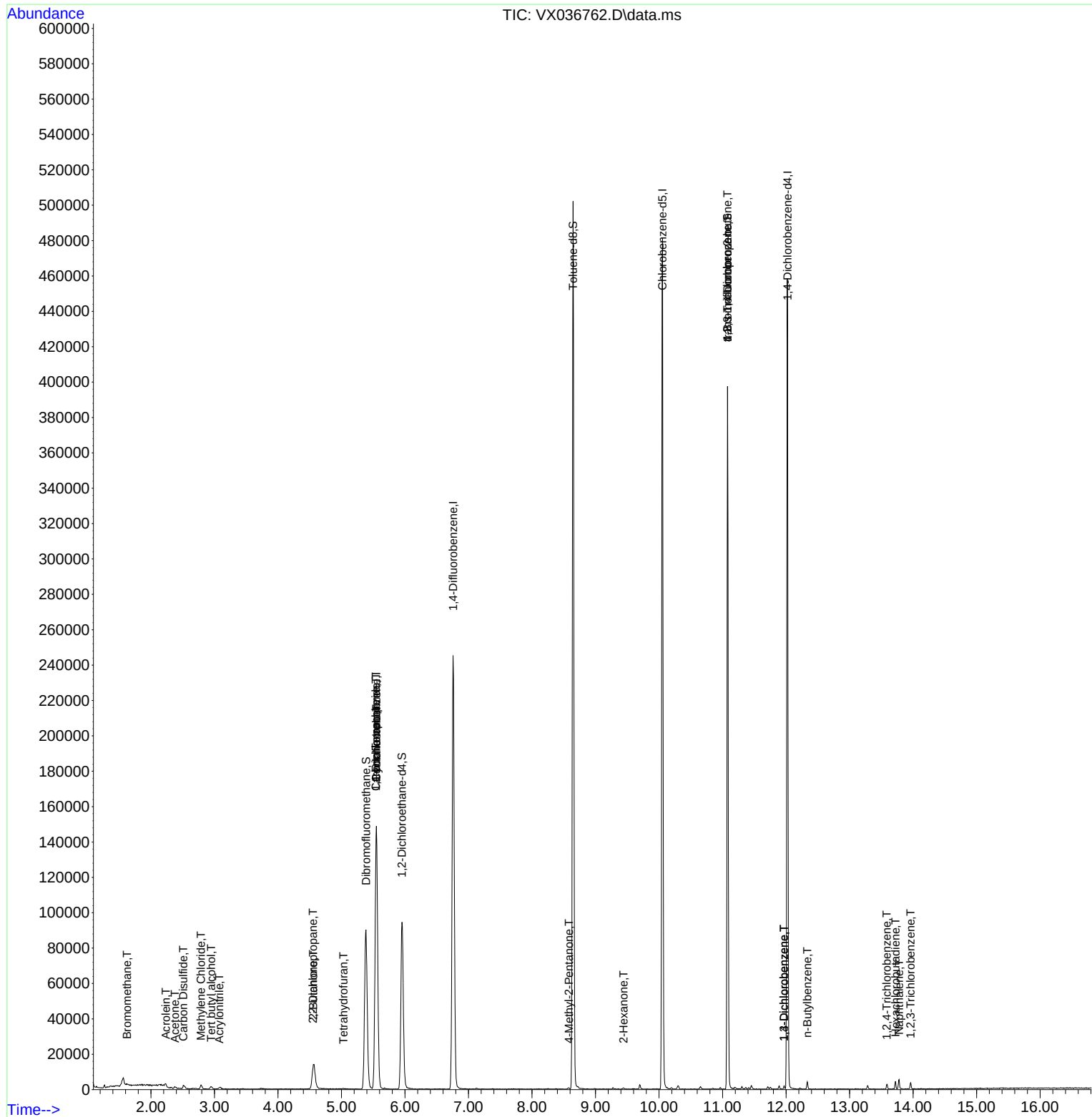
Internal Standards						
1) Pentafluorobenzene	5.550	168	138015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92723	45.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.800%		
35) Dibromofluoromethane	5.385	113	79171	46.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	296517	48.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	104696	45.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	463	0.459	ug/l #	53
11) Tert butyl alcohol	2.947	59	1024	2.118	ug/l #	78
13) Acrolein	2.233	56	429	1.555	ug/l #	44
15) Acrylonitrile	3.075	53	446	0.459	ug/l	96
16) Acetone	2.380	43	1225	1.446	ug/l	99
17) Carbon Disulfide	2.508	76	1937	0.454	ug/l #	93
20) Methylene Chloride	2.788	84	1094	0.580	ug/l #	93
25) 2-Butanone	4.556	43	1288	0.937	ug/l #	51
26) 2,2-Dichloropropane	4.550	77	1179	0.386	ug/l #	54
29) Tetrahydrofuran	5.032	42	299	0.337	ug/l #	45
31) Cyclohexane	5.550	56	3483	1.232	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11297	4.430	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14585	5.379	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	684	0.249	ug/l #	80
59) 2-Hexanone	9.439	43	543	0.266	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	54690	25.149	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54690	57.002	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	659	0.204	ug/l	91
88) 1,4-Dichlorobenzene	11.969	146	659	0.206	ug/l	92
89) n-Butylbenzene	12.335	91	1267	0.219	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	941	0.490	ug/l	98
94) Hexachlorobutadiene	13.725	225	635	0.800	ug/l	93
95) Naphthalene	13.780	128	4079	0.610	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1175	0.621	ug/l	93

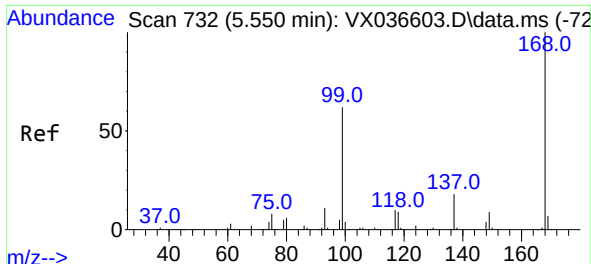
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
Data File : VX036762.D
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Operator : JC/MD
Sample : VX0802MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

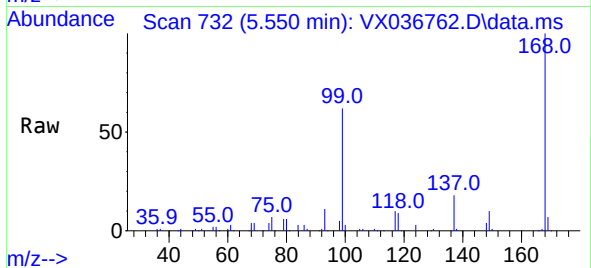
Quant Time: Aug 03 07:26:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



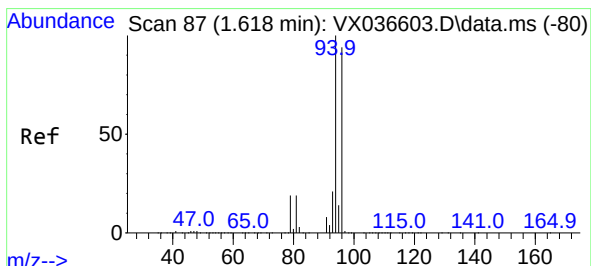
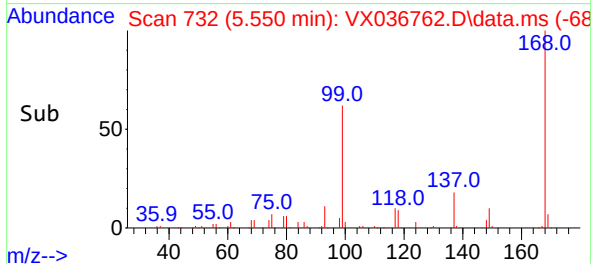
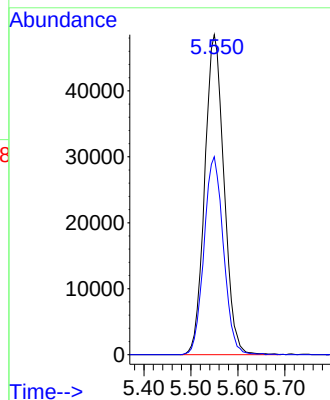


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

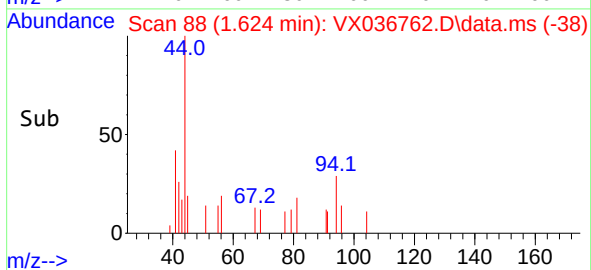
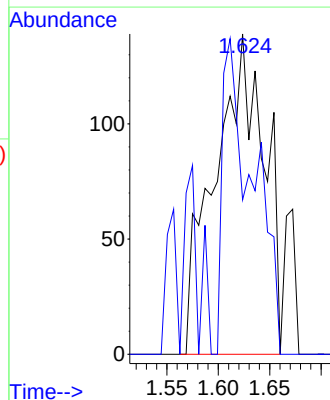
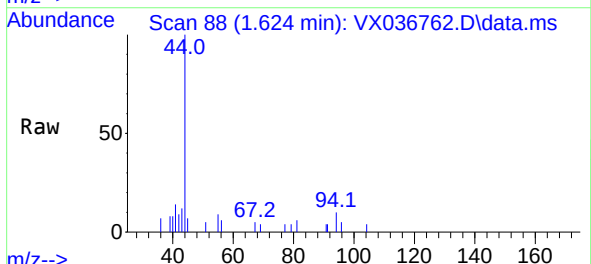


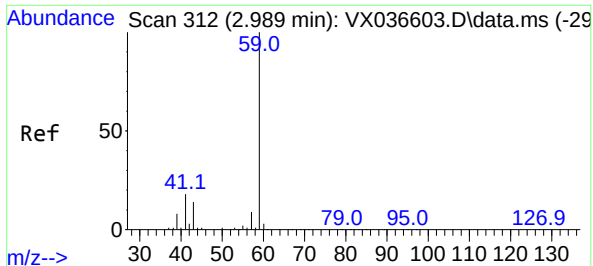
Tgt Ion:168 Resp: 138015
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 48.2 74.6 111.8#





#11

Tert butyl alcohol

Concen: 2.118 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX036762.D

Acq: 02 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

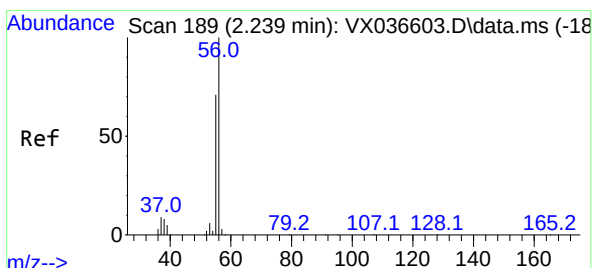
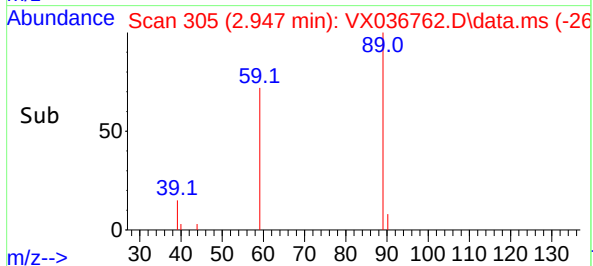
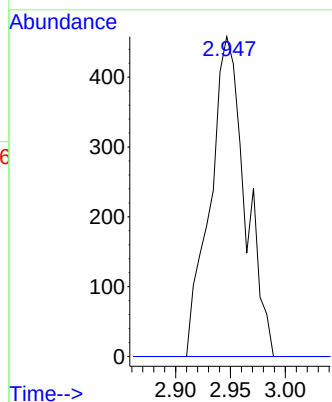
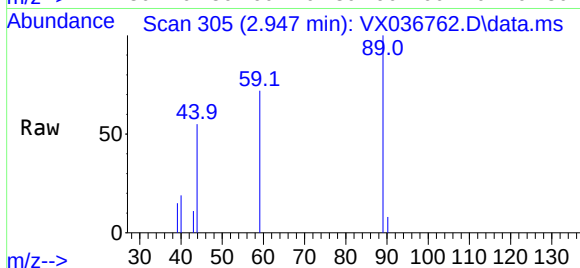
VX0802MBL01

Tgt Ion: 59 Resp: 1024

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.555 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036762.D

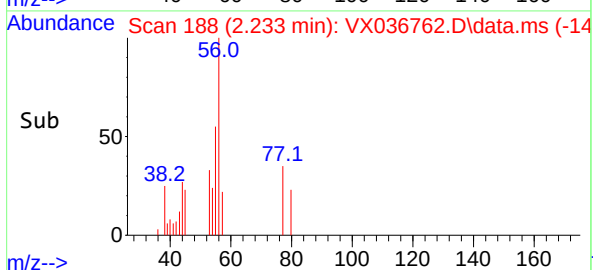
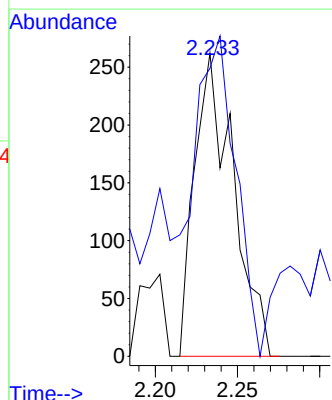
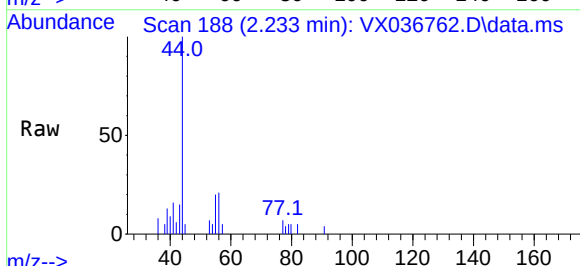
Acq: 02 Aug 2023 11:52

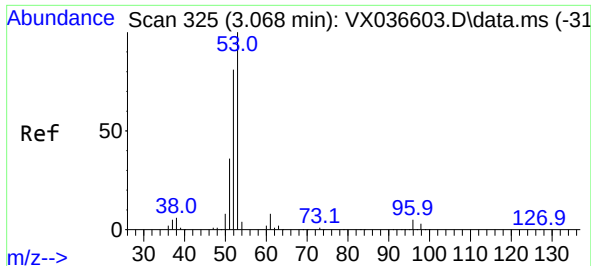
Tgt Ion: 56 Resp: 429

Ion Ratio Lower Upper

56 100

55 117.5 57.1 85.7#

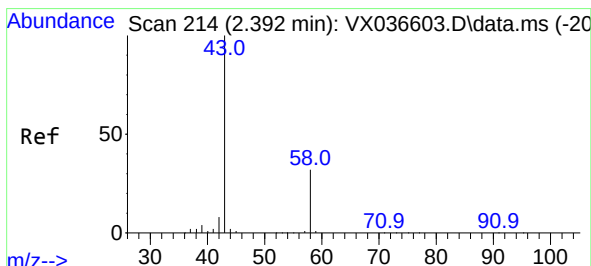
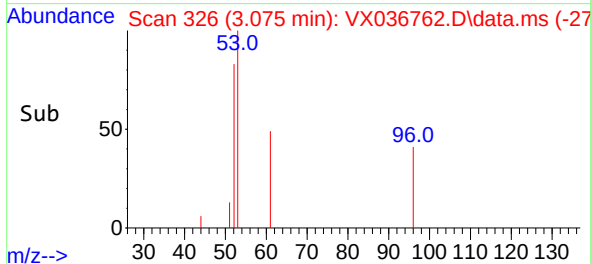
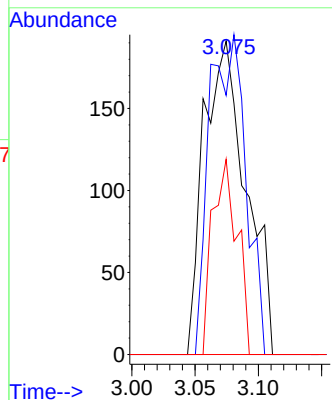
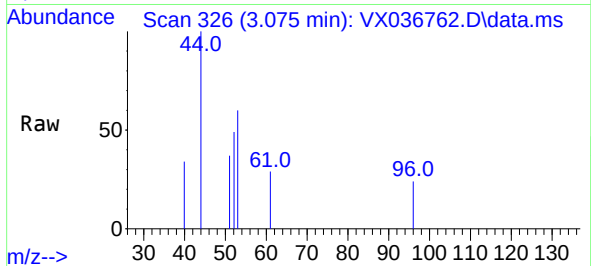




#15
Acrylonitrile
Concen: 0.459 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

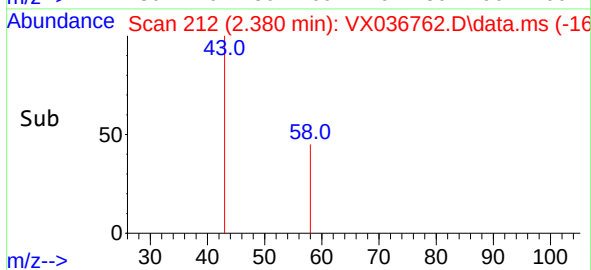
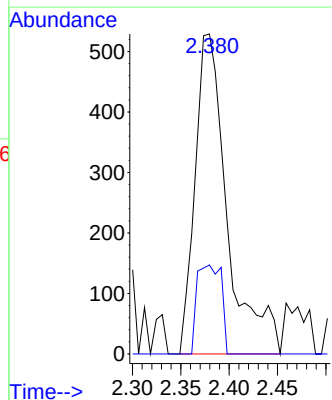
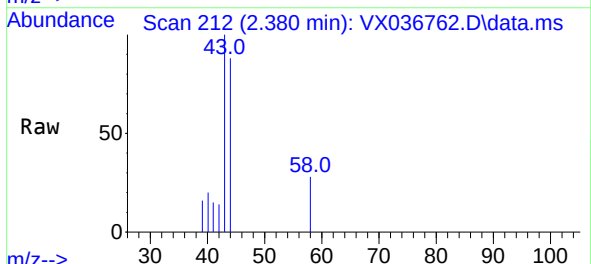
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

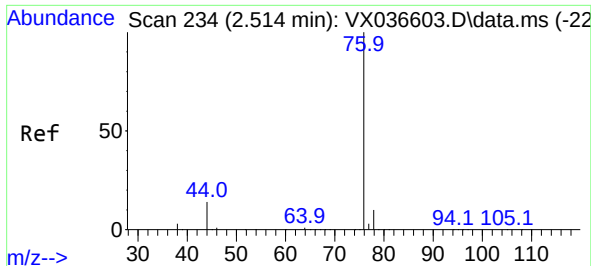
Tgt Ion: 53	Resp:	446	
Ion	Ratio	Lower	Upper
53	100		
52	87.7	66.0	99.0
51	36.3	29.8	44.6



#16
Acetone
Concen: 1.446 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 43	Resp:	1225	
Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.9	32.9

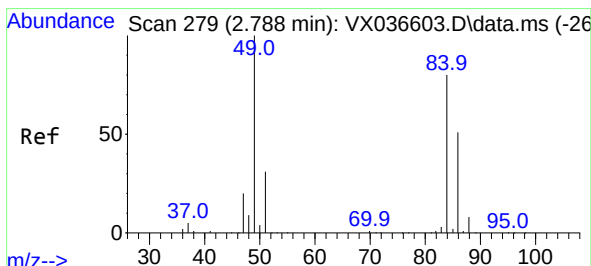
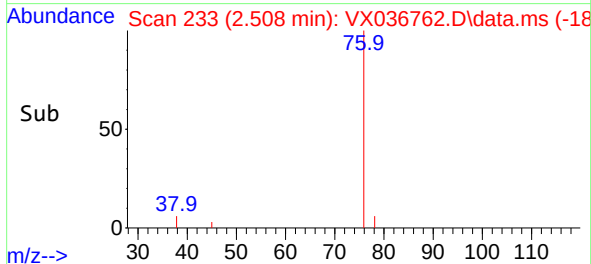
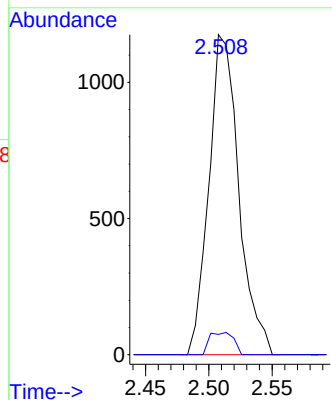
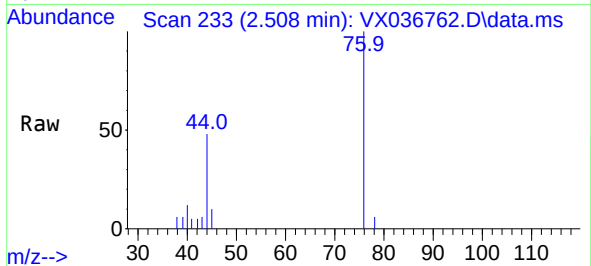




#17
Carbon Disulfide
Concen: 0.454 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

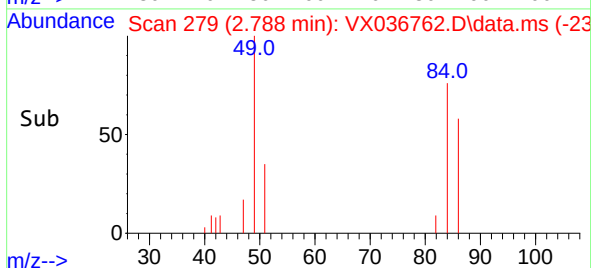
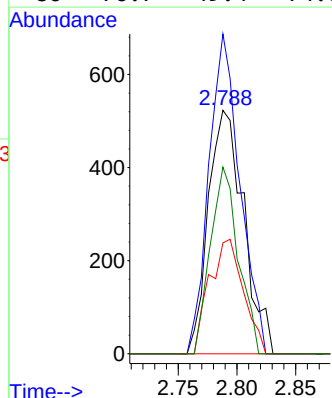
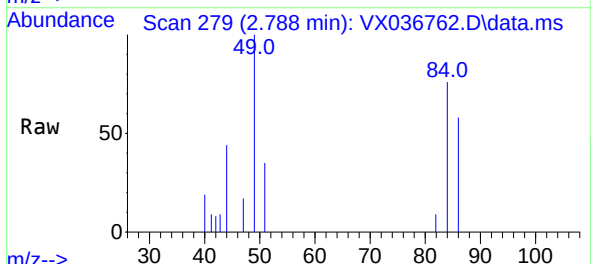
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

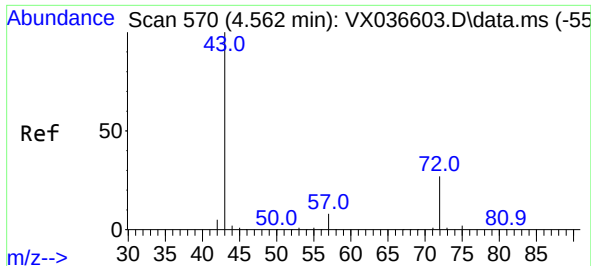
Tgt Ion: 76 Resp: 1937
Ion Ratio Lower Upper
76 100
78 6.4 7.0 10.6#



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 84 Resp: 1094
Ion Ratio Lower Upper
84 100
49 131.4 103.6 155.4
51 45.5 33.8 50.6
86 76.7 49.4 74.0#

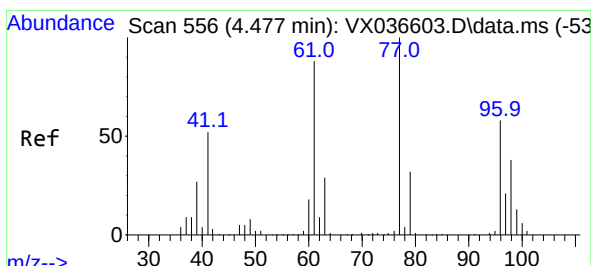
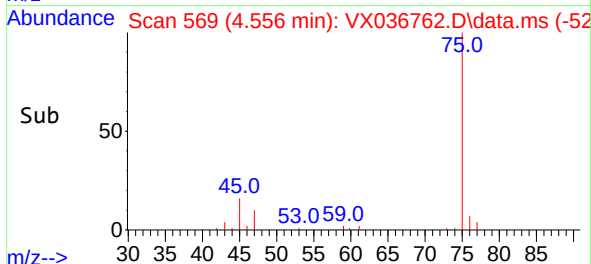
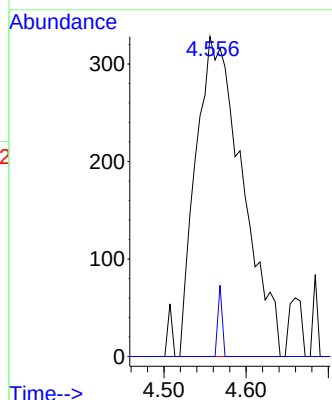
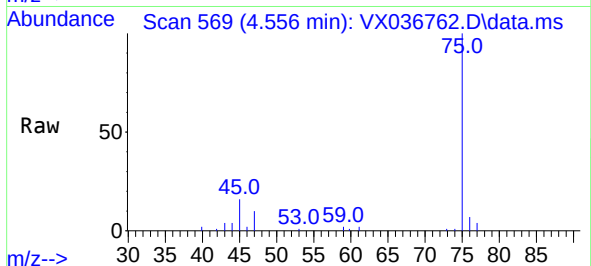




#25
2-Butanone
Concen: 0.937 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

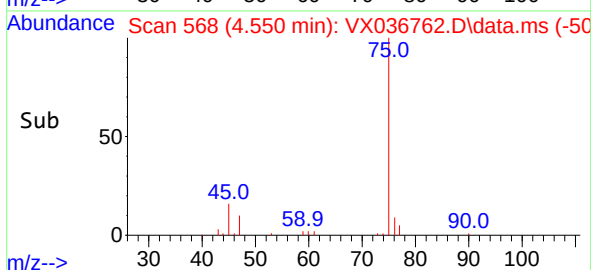
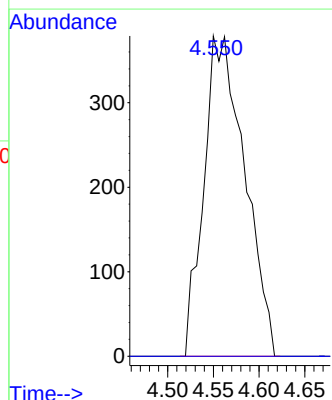
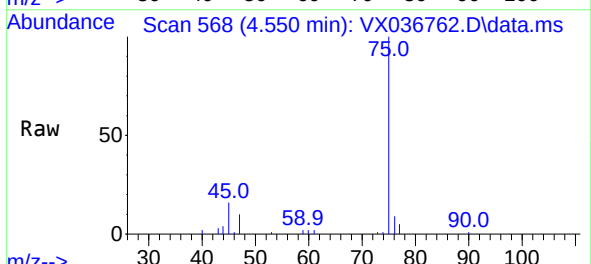
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

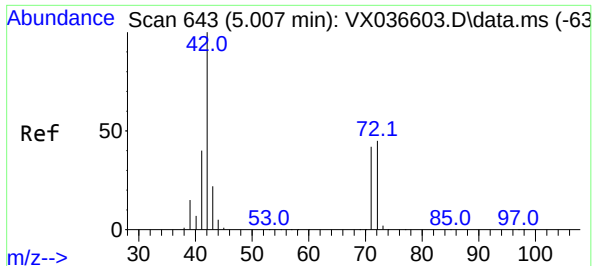
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.386 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.073 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 77 Resp: 1179
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 0.337 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX036762.D

Acq: 02 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBL01

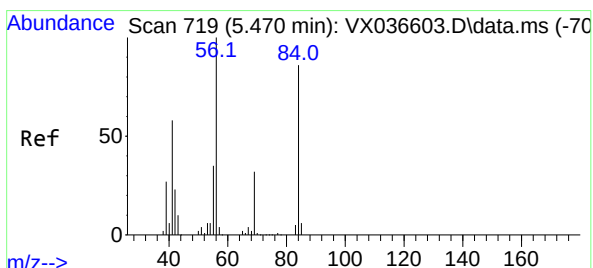
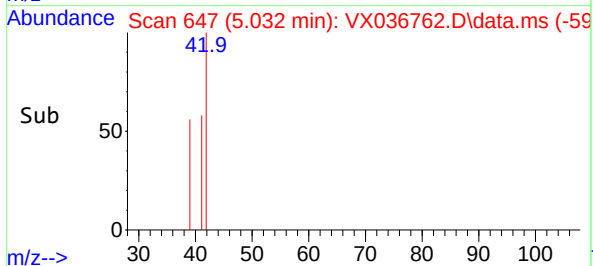
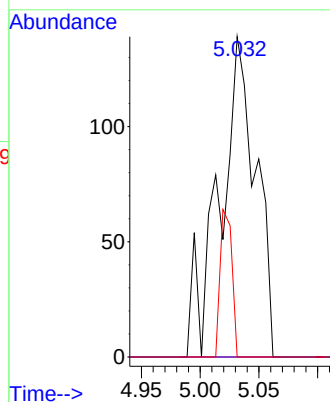
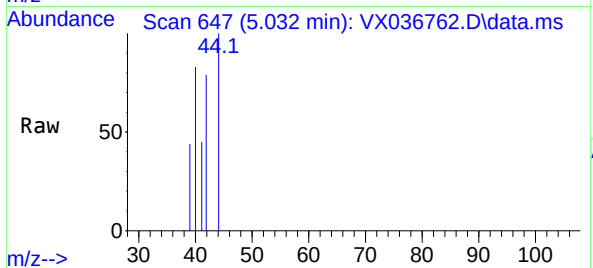
Tgt Ion: 42 Resp: 299

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 14.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.232 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036762.D

Acq: 02 Aug 2023 11:52

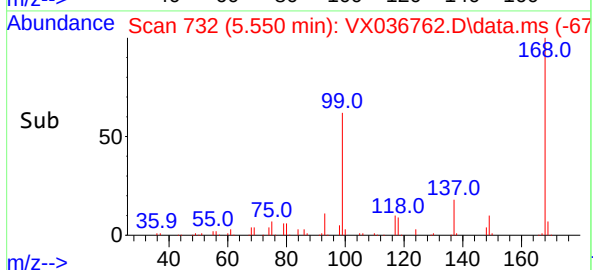
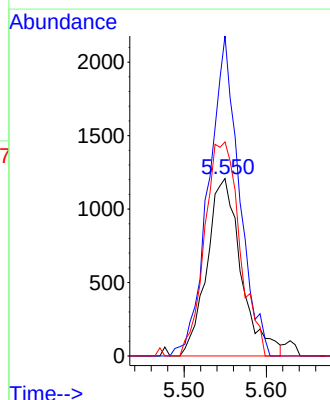
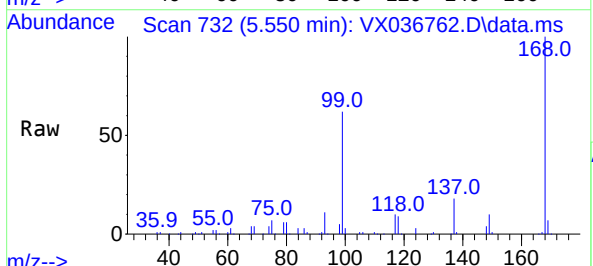
Tgt Ion: 56 Resp: 3483

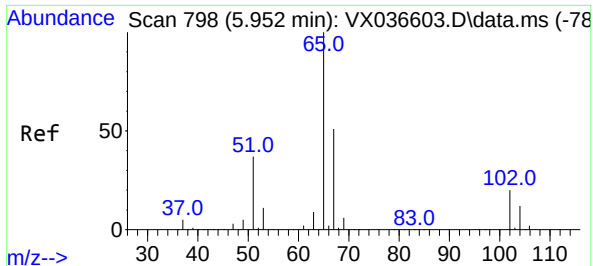
Ion Ratio Lower Upper

56 100

69 180.3 23.4 35.2#

84 120.6 65.9 98.9#

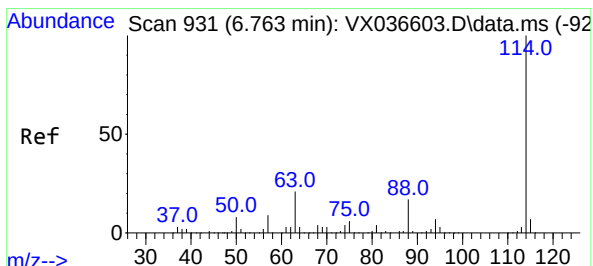
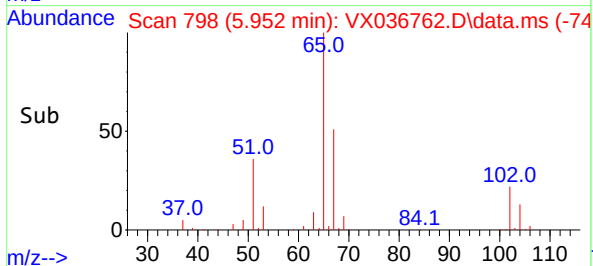
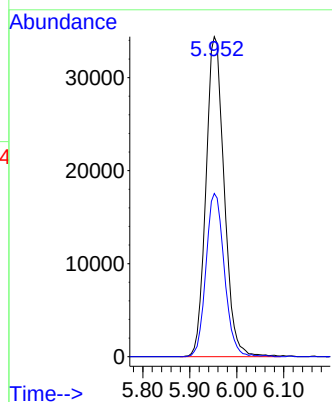
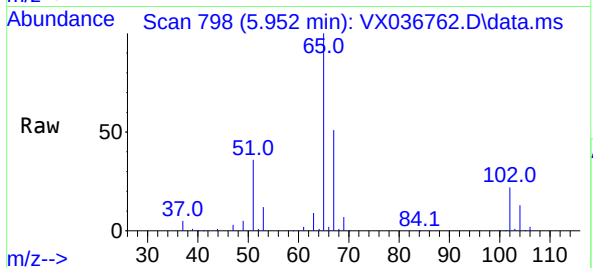




#33
 1,2-Dichloroethane-d4
 Concen: 45.405 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX036762.D
 Acq: 02 Aug 2023 11:52

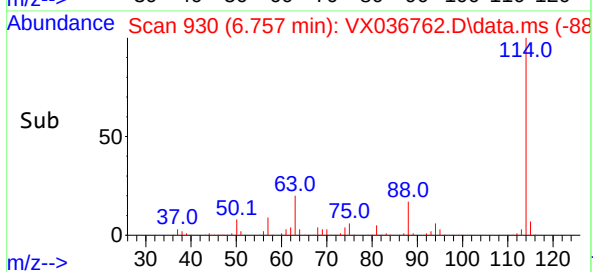
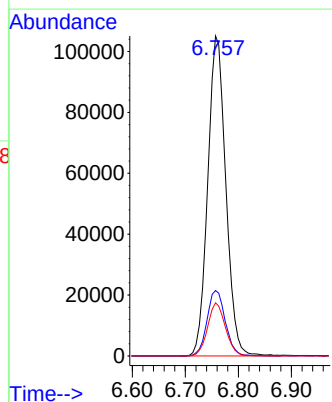
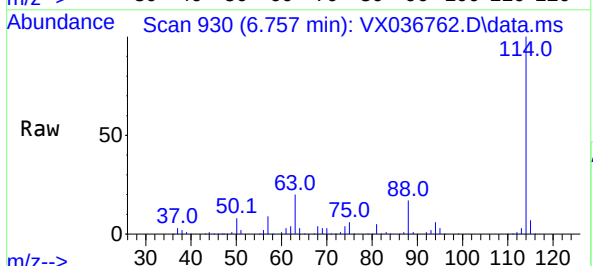
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBL01

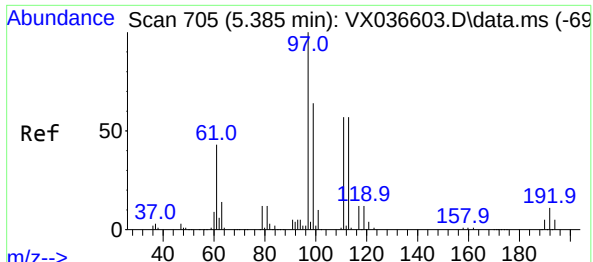
Tgt Ion: 65 Resp: 92723
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036762.D
 Acq: 02 Aug 2023 11:52

Tgt Ion: 114 Resp: 248935
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 16.6 0.0 36.6

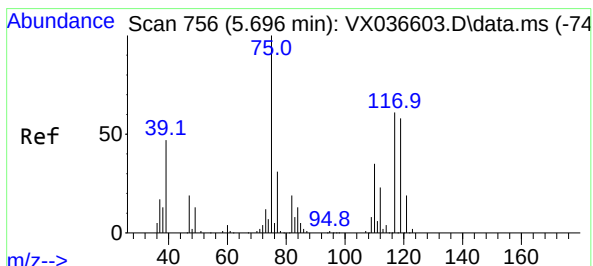
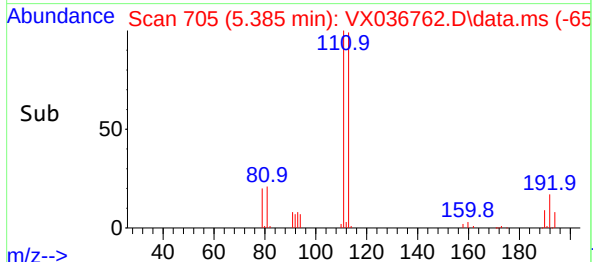
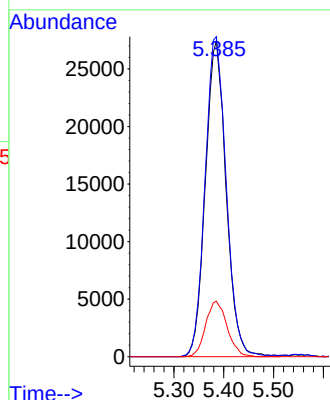
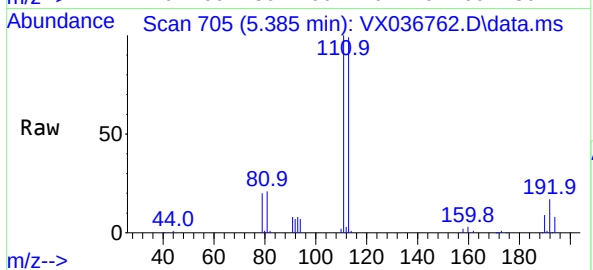




#35
Dibromofluoromethane
Concen: 46.271 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

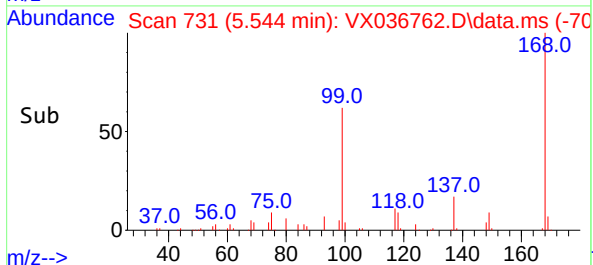
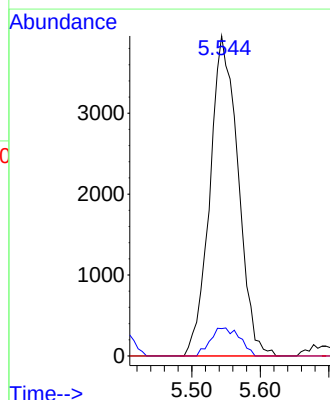
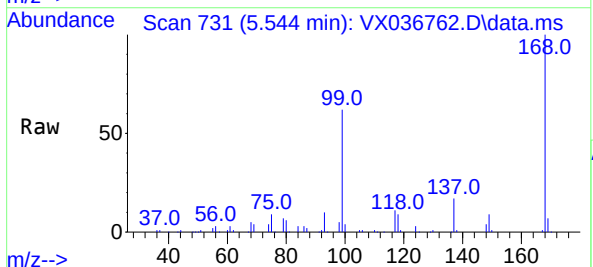
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

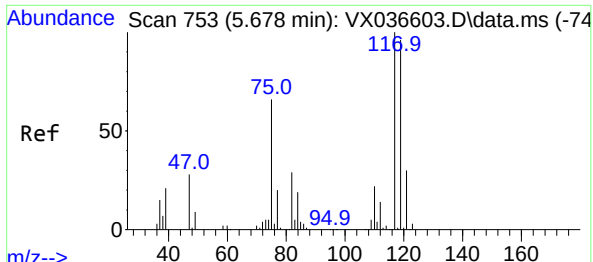
Tgt Ion:	113	Resp:	79171
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.2	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.430 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

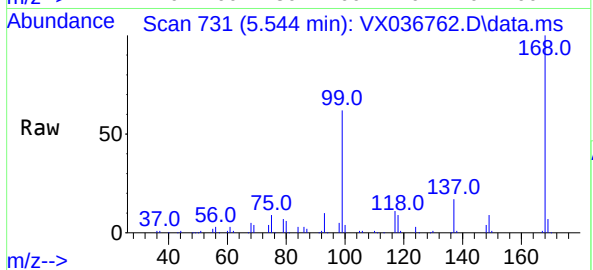
Tgt Ion:	75	Resp:	11297
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



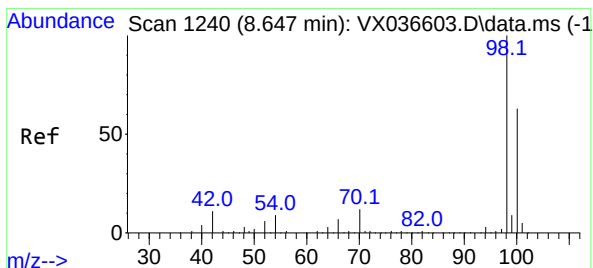
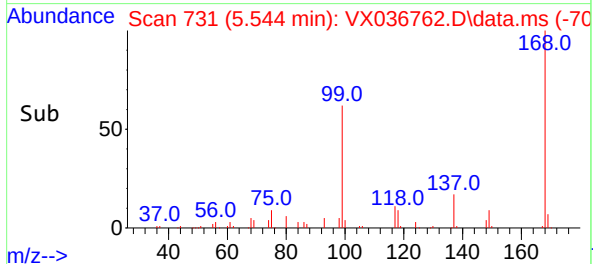
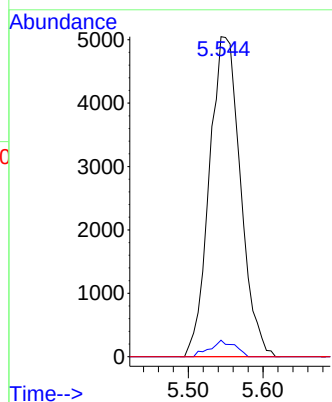


#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

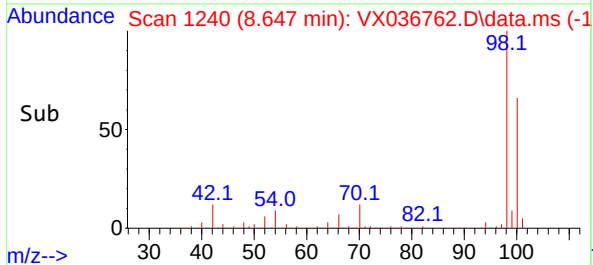
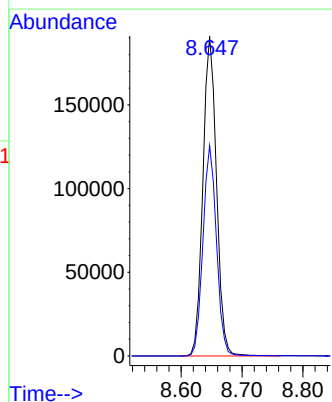
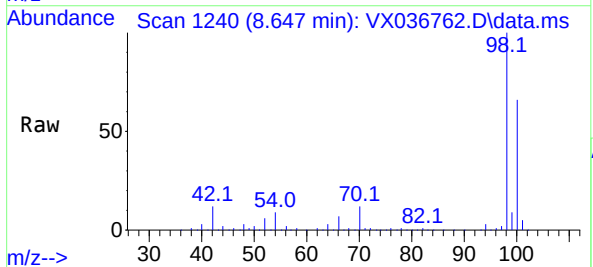


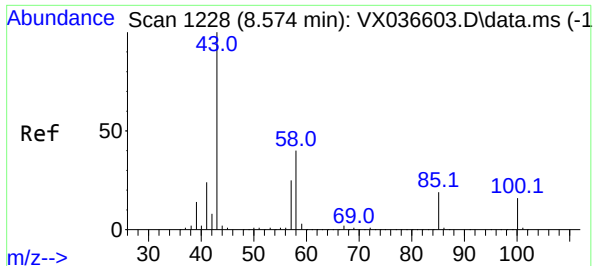
Tgt Ion:117 Resp: 14585
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 98 Resp: 296517
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.249 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036762.D

Acq: 02 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

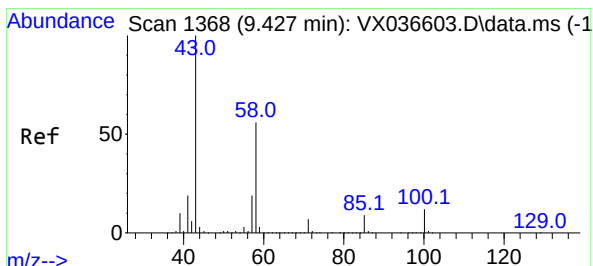
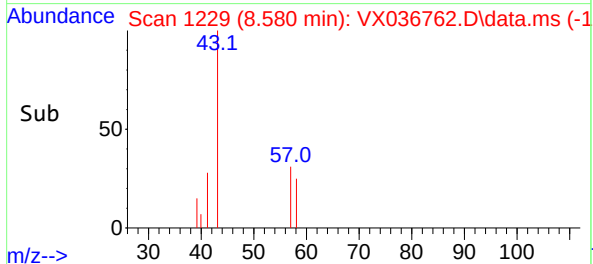
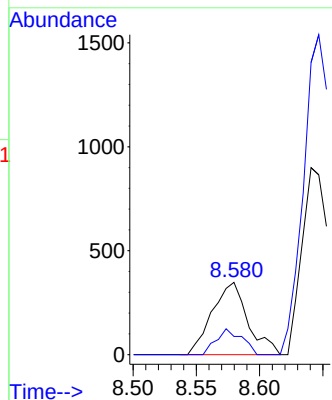
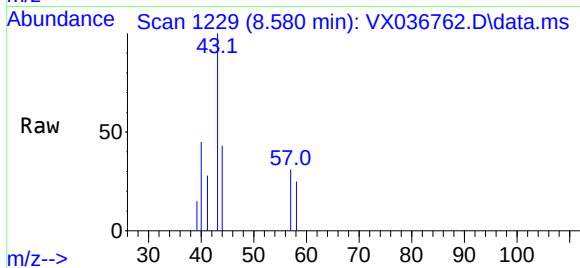
VX0802MBL01

Tgt Ion: 43 Resp: 684

Ion Ratio Lower Upper

43 100

58 25.9 30.4 45.6#



#59

2-Hexanone

Concen: 0.266 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX036762.D

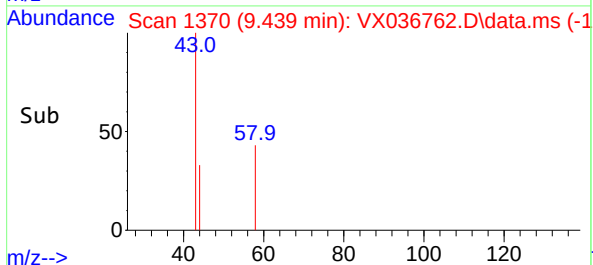
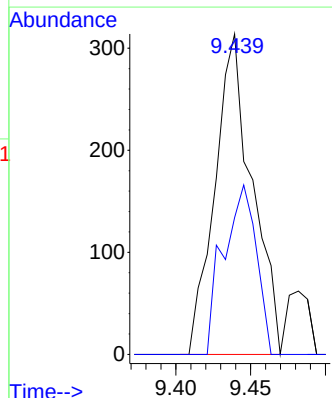
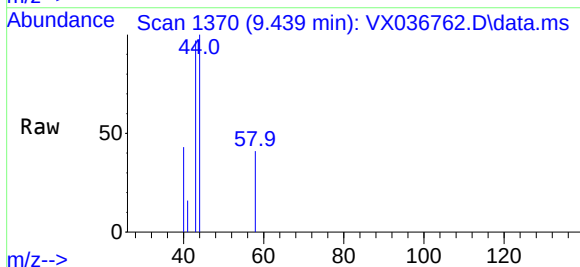
Acq: 02 Aug 2023 11:52

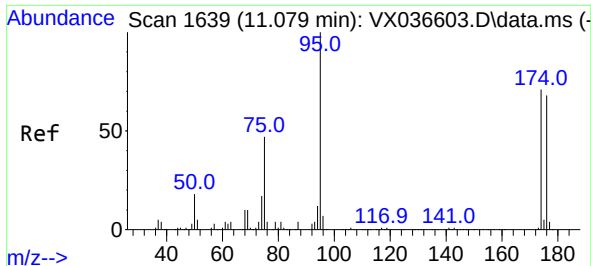
Tgt Ion: 43 Resp: 543

Ion Ratio Lower Upper

43 100

58 46.6 26.2 78.5

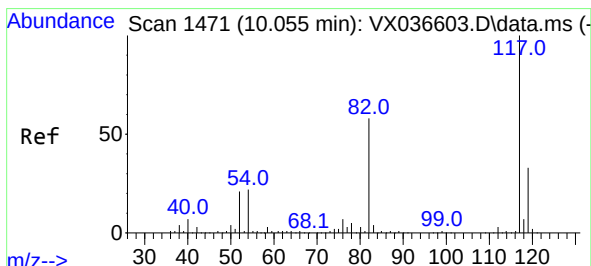
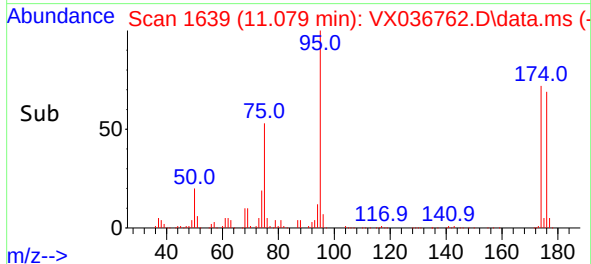
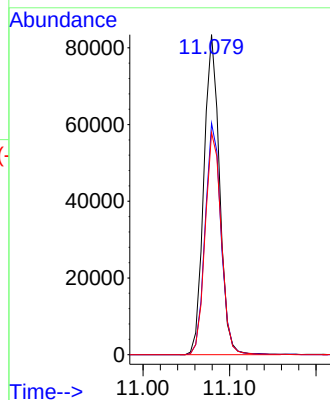
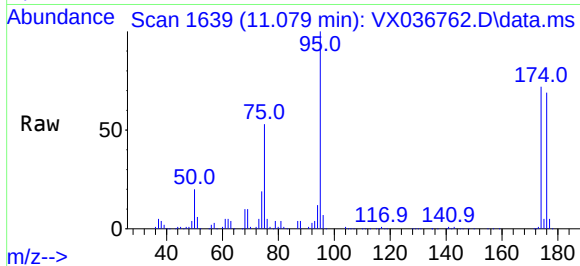




#62
4-Bromofluorobenzene
Concen: 45.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

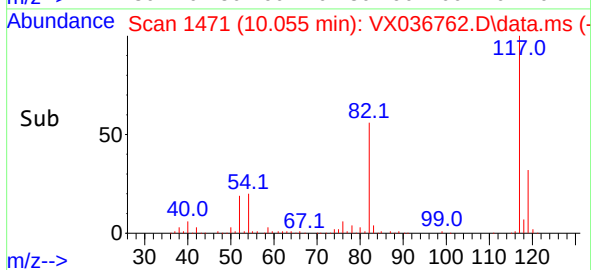
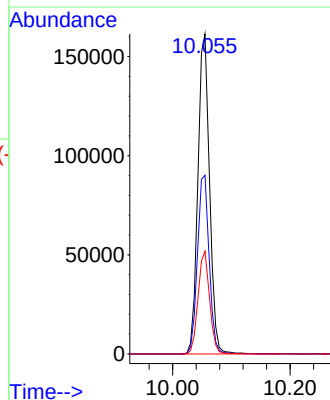
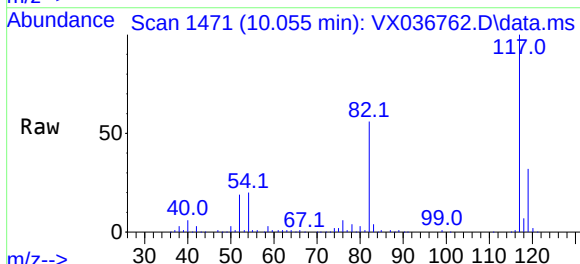
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

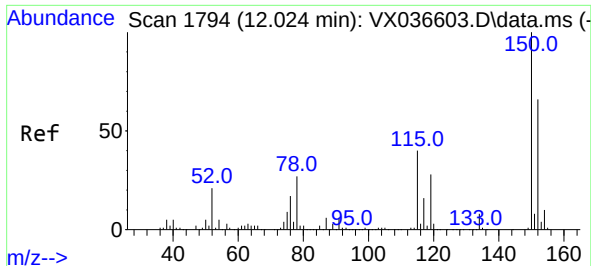
Tgt Ion: 95 Resp: 104696
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 117 Resp: 222257
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.1 25.5 38.3

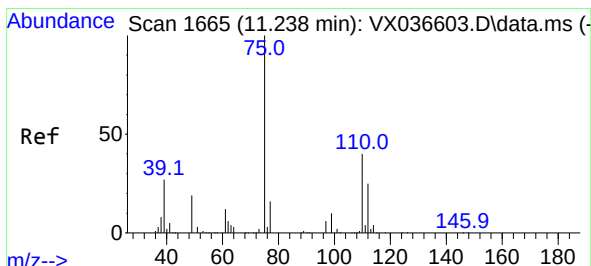
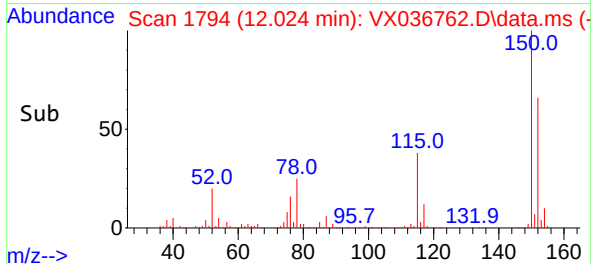
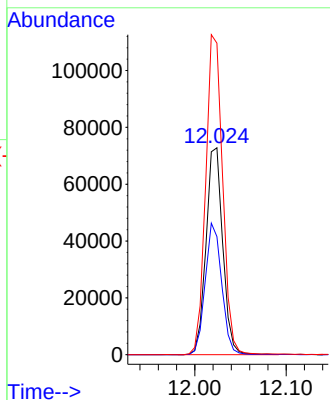
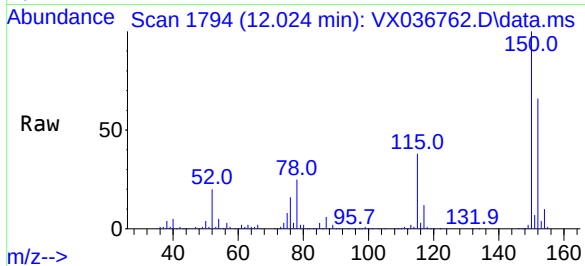




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

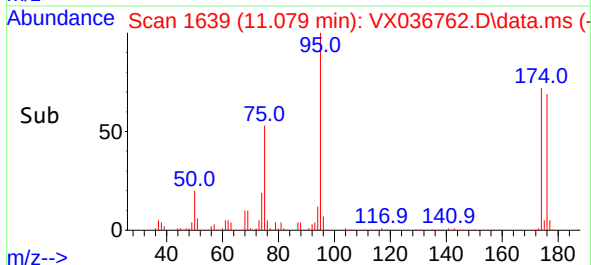
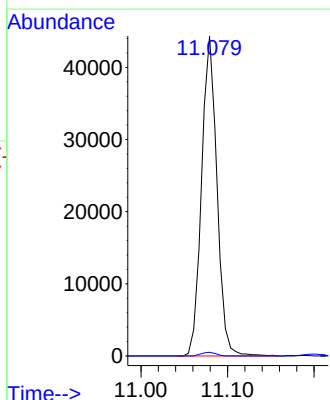
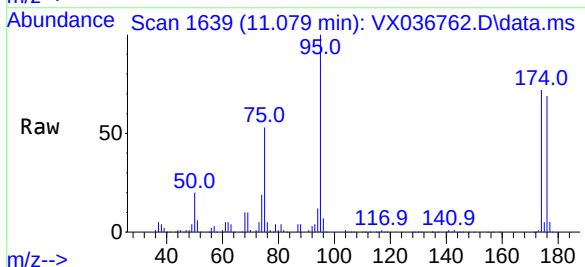
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

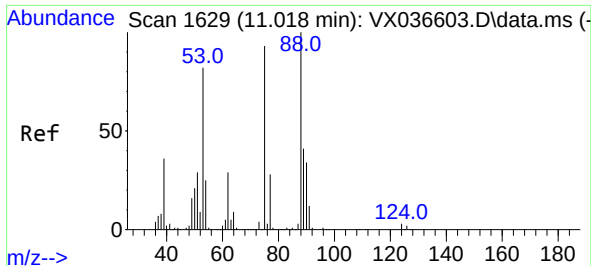
Tgt Ion:152 Resp: 92455
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 156.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion: 75 Resp: 54690
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

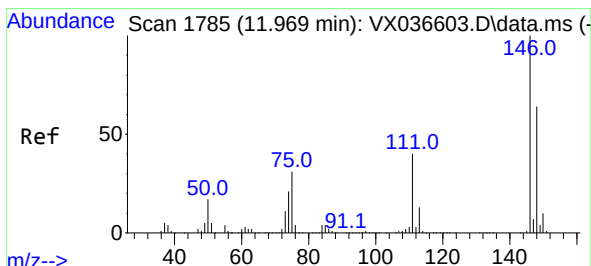
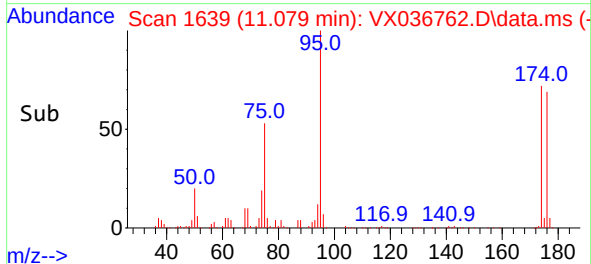
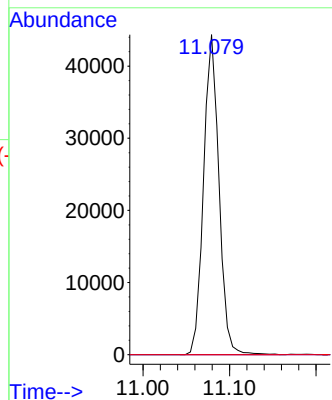
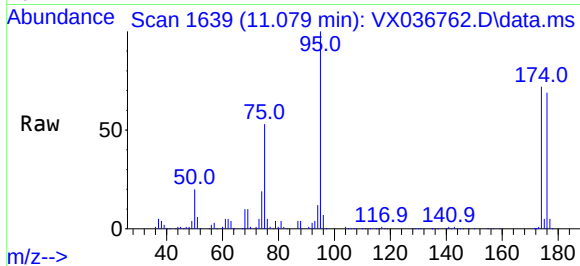




#81
trans-1,4-Dichloro-2-butene
Concen: 57.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

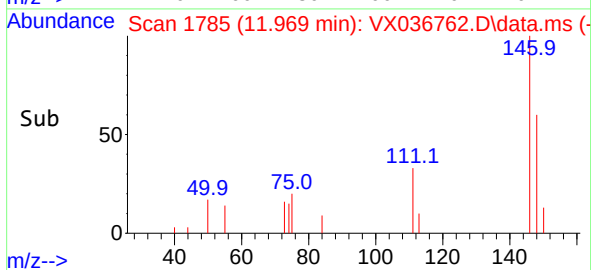
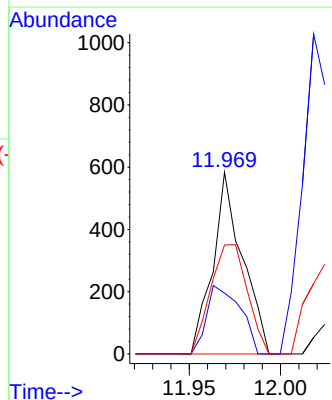
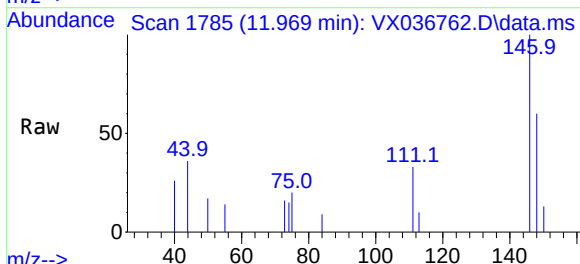
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

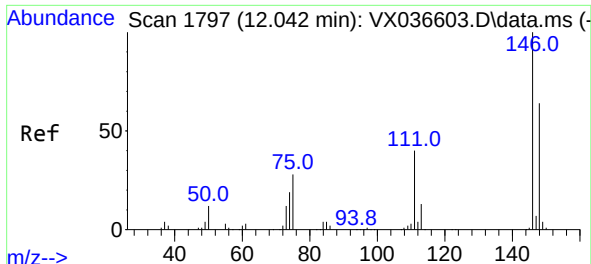
Tgt Ion: 75 Resp: 54690
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.204 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion:146 Resp: 659
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 74.4 31.8 95.3

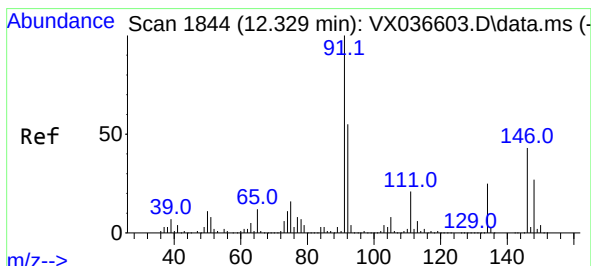
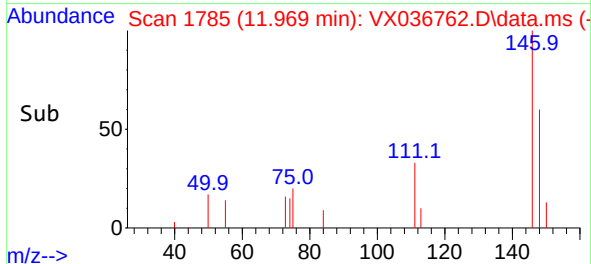
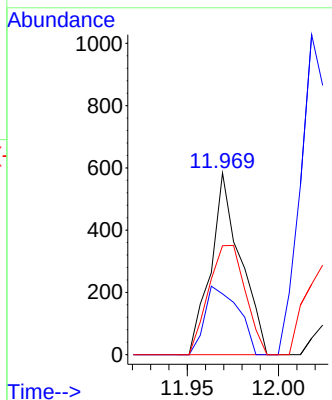
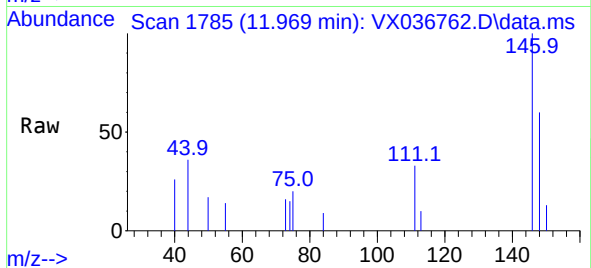




#88
1,4-Dichlorobenzene
Concen: 0.206 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

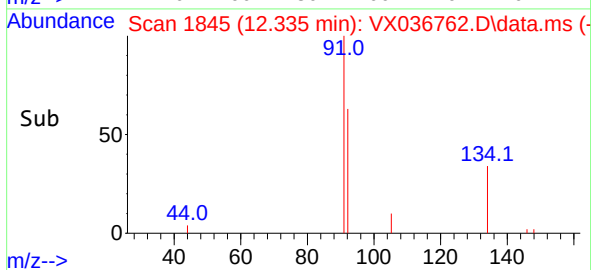
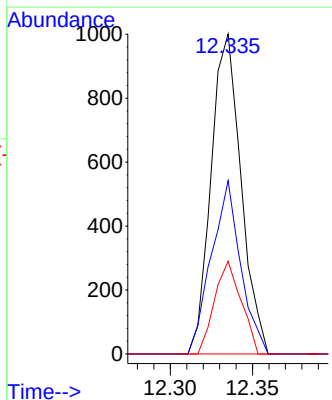
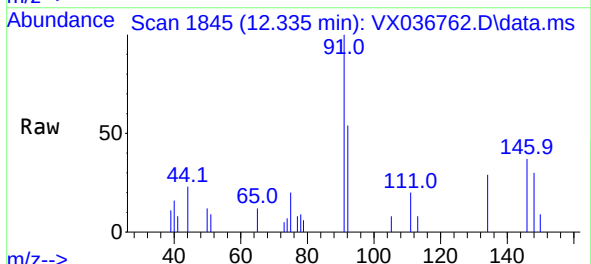
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

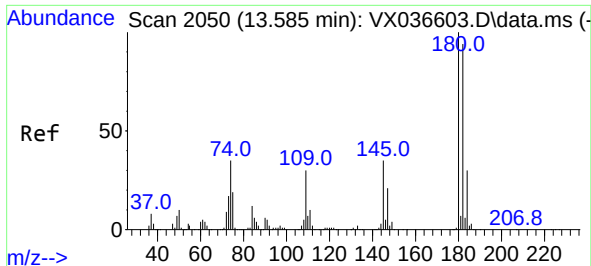
Tgt Ion:	146	Resp:	659
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	74.4	31.8	95.4



#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion:	91	Resp:	1267
Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.4	82.0
134	25.7	12.6	37.8

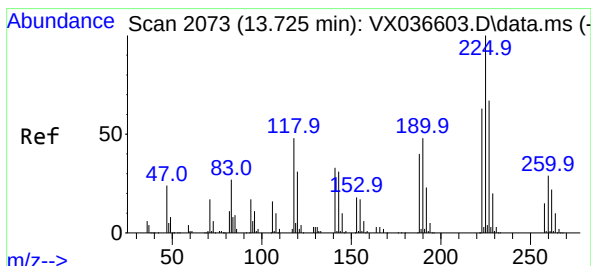
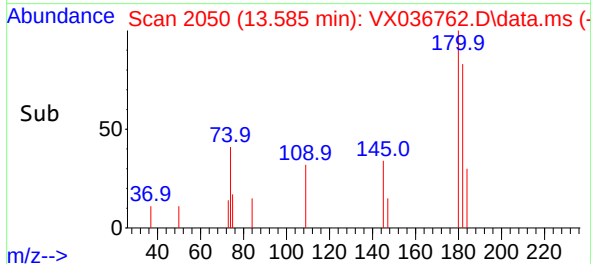
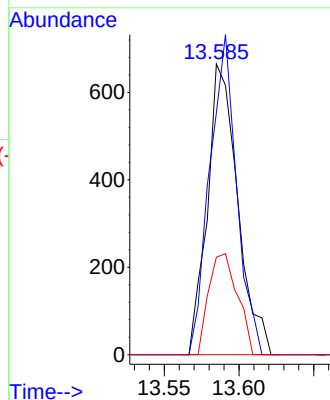
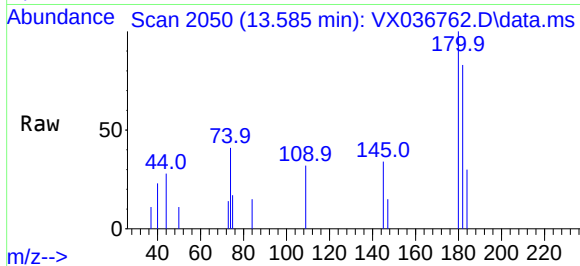




#93
1,2,4-Trichlorobenzene
Concen: 0.490 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

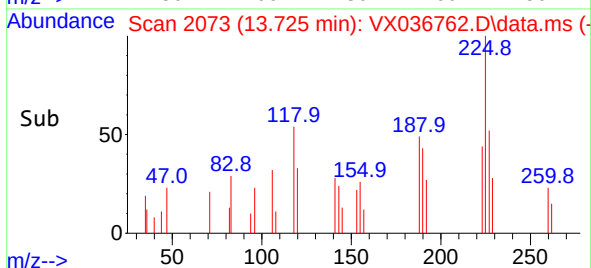
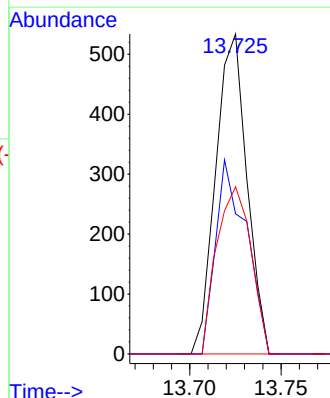
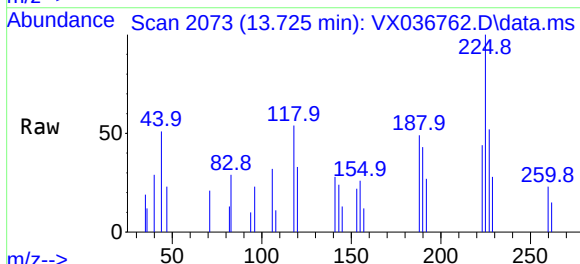
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

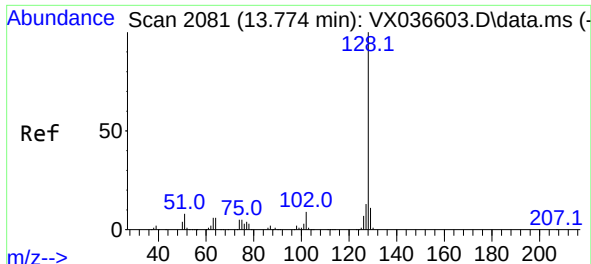
Tgt Ion:180	Resp:	941
Ion	Ratio	Lower Upper
180	100	
182	97.3	48.3 144.8
145	32.7	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.800 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion:225	Resp:	635
Ion	Ratio	Lower Upper
225	100	
223	59.5	31.1 93.2
227	57.5	32.5 97.5

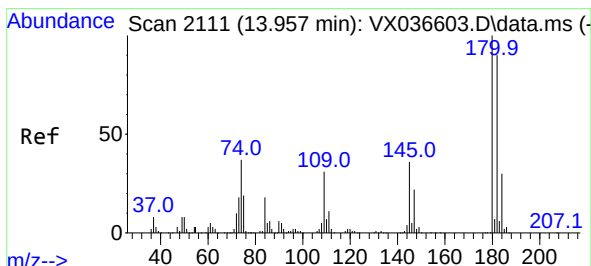
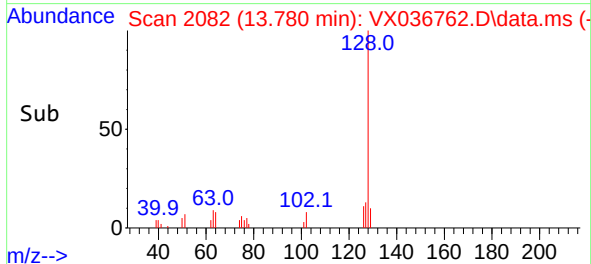
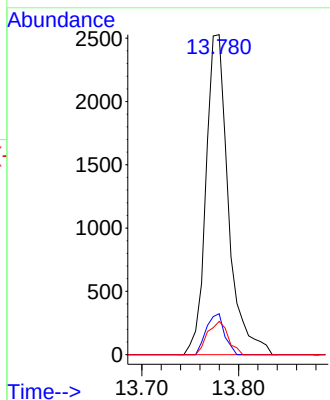
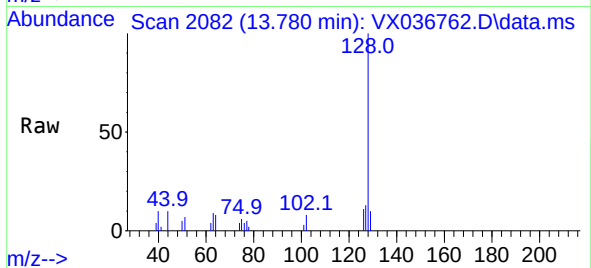




#95
Naphthalene
Concen: 0.610 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

Tgt Ion:	128	Resp:	4079
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.3	15.5
129	9.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.621 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036762.D
Acq: 02 Aug 2023 11:52

Tgt Ion:	180	Resp:	1175
Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.6
145	24.2	17.8	53.5

