

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038670.D
 Acq On : 09 Nov 2023 11:11
 Operator : JC/MD
 Sample : VX1109MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

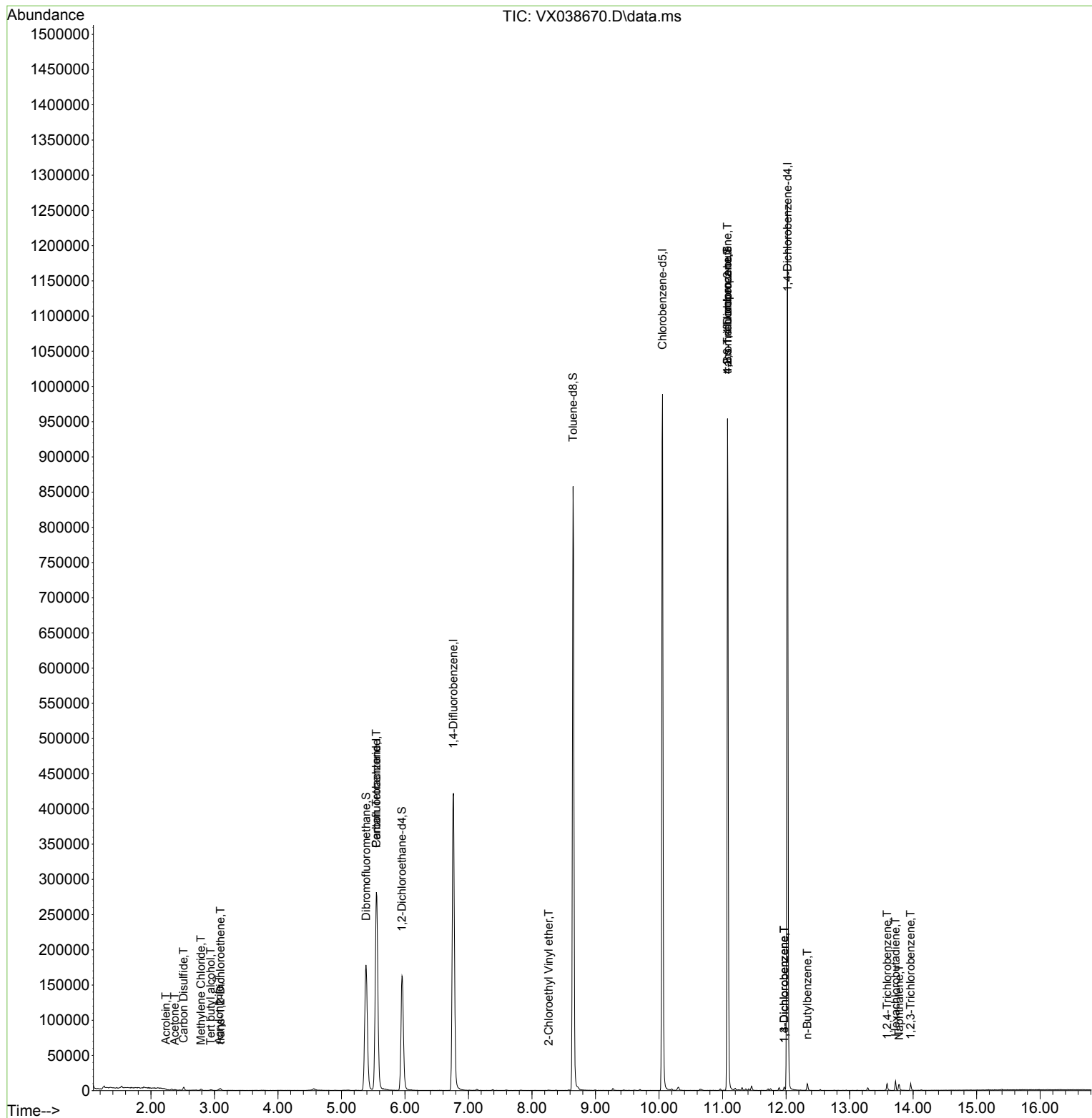
Internal Standards						
1) Pentafluorobenzene	5.550	168	292004	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	473227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	295248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165800	45.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.220%
35) Dibromofluoromethane	5.385	113	160876	47.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.647	98	546902	44.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.680%#
62) 4-Bromofluorobenzene	11.079	95	250350	52.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.880%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.941	59	825	1.110	ug/l	# 78
13) Acrolein	2.233	56	387	0.687	ug/l	# 56
15) Acrylonitrile	3.075	53	1282	0.817	ug/l	95
16) Acetone	2.374	43	896	0.585	ug/l	# 82
17) Carbon Disulfide	2.514	76	5199	0.718	ug/l	# 92
20) Methylene Chloride	2.788	84	932	0.302	ug/l	# 67
21) trans-1,2-Dichloroethene	3.093	96	928	0.313	ug/l	# 70
38) Carbon Tetrachloride	5.550	117	27439	5.797	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	8.263	63	490	0.210	ug/l	# 54
76) 1,2,3-Trichloropropane	11.079	75	122223	20.902	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	122223	63.570	ug/l	# 5
87) 1,3-Dichlorobenzene	11.969	146	1956	0.206	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1956	0.200	ug/l	96
89) n-Butylbenzene	12.335	91	3496	0.234	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3207	0.483	ug/l	93
94) Hexachlorobutadiene	13.725	225	2110	0.737	ug/l	95
95) Naphthalene	13.780	128	7846	0.392	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2568	0.392	ug/l	91

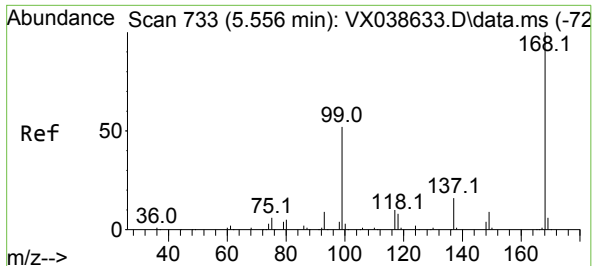
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX038670.D
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Operator : JC/MD
Sample : VX1109MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

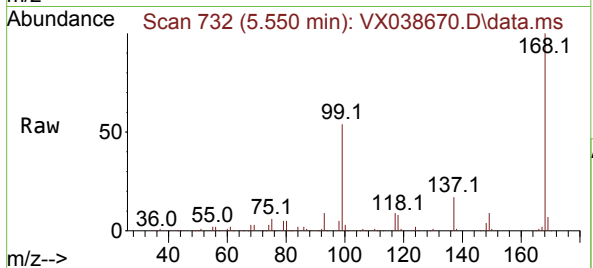
Quant Time: Nov 10 03:33:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



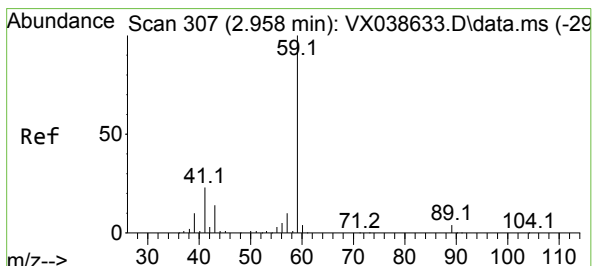
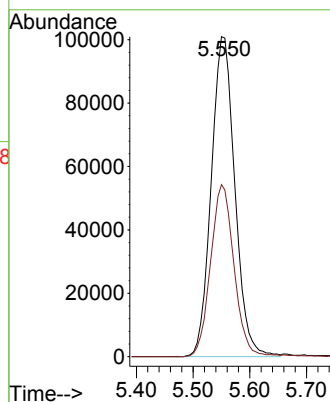


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

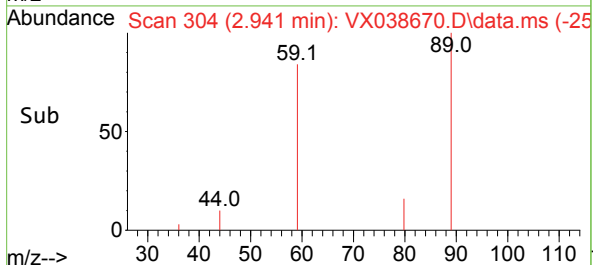
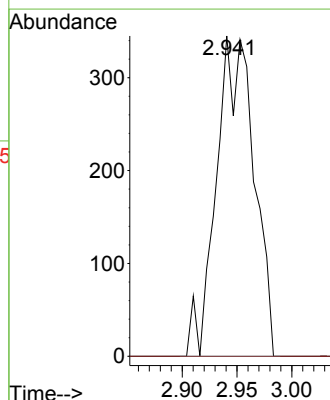
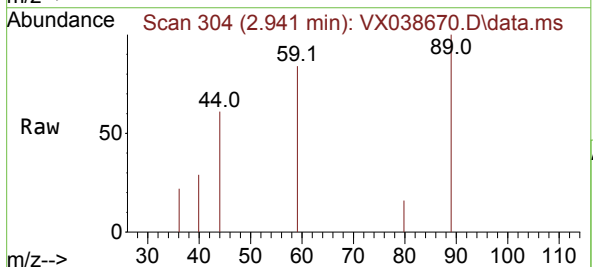


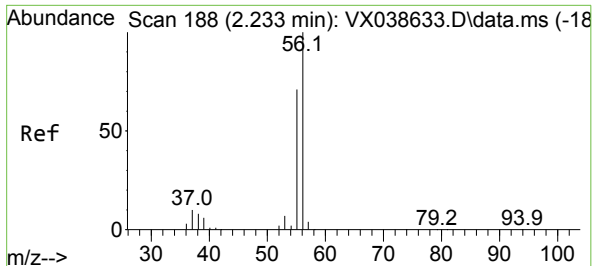
Tgt Ion:168 Resp: 292004
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.110 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

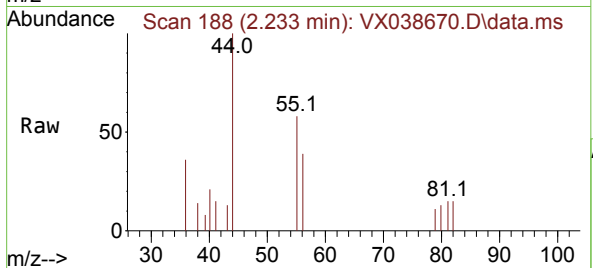
Tgt Ion: 59 Resp: 825
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



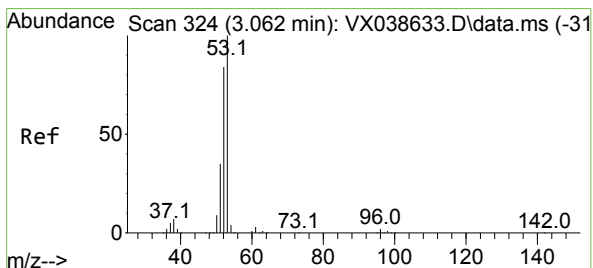
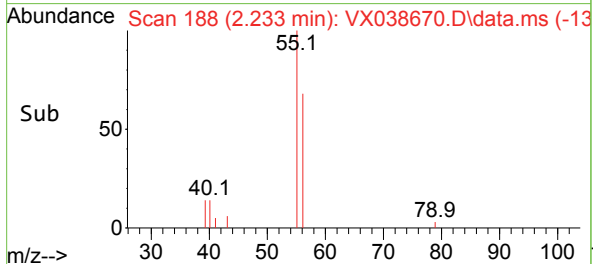
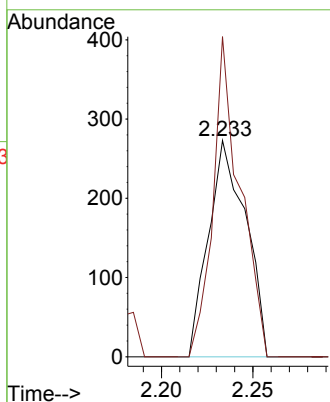


#13
Acrolein
Concen: 0.687 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

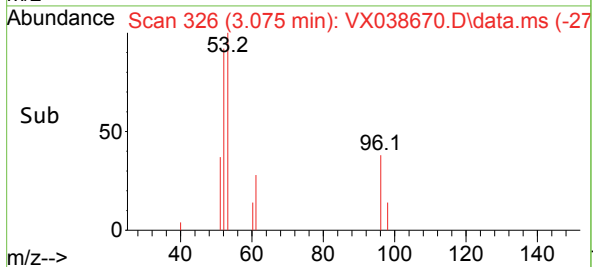
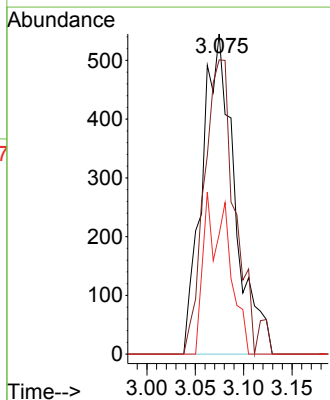
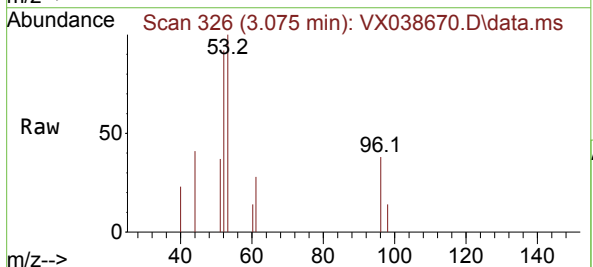


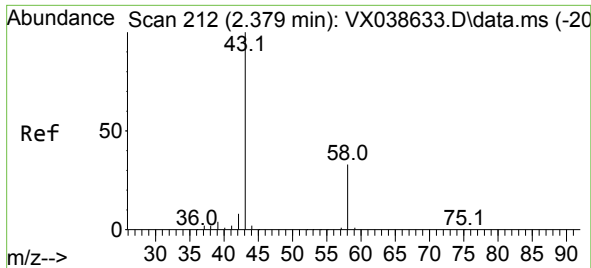
Tgt Ion: 56 Resp: 387
Ion Ratio Lower Upper
56 100
55 107.5 57.1 85.7#



#15
Acrylonitrile
Concen: 0.817 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion: 53 Resp: 1282
Ion Ratio Lower Upper
53 100
52 88.1 66.0 99.0
51 37.7 29.8 44.6

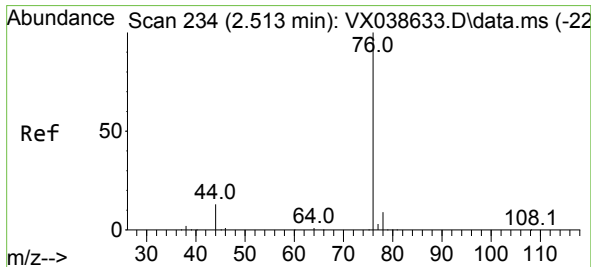
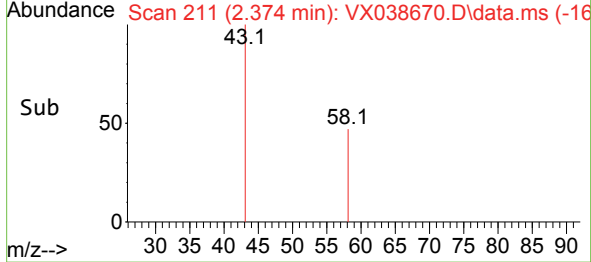
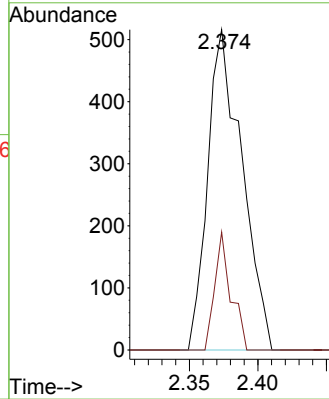
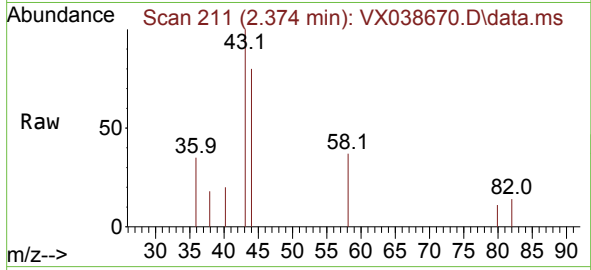




#16
Acetone
Concen: 0.585 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

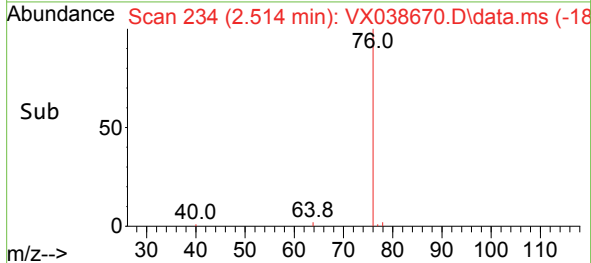
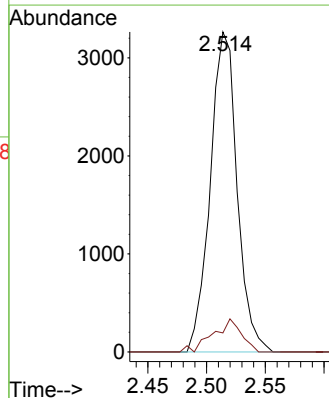
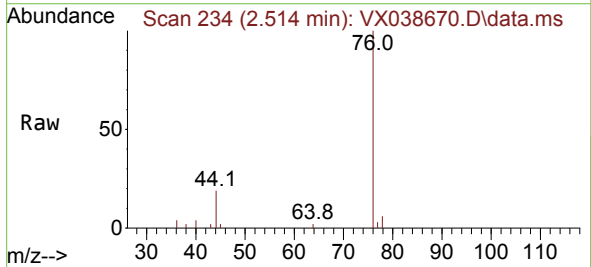
Instrument :
MSVOA_X
ClientSampleId :

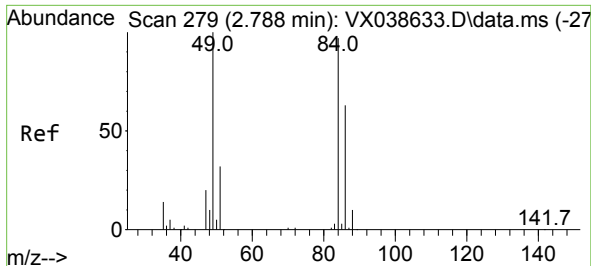
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 36.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.718 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

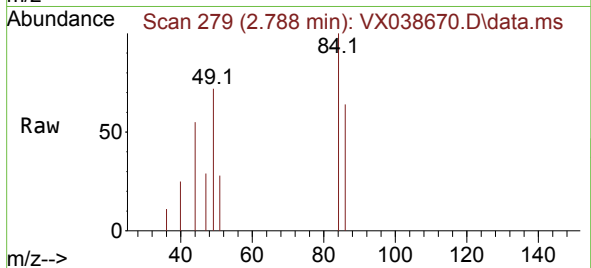
Tgt Ion: 76 Resp: 5199
Ion Ratio Lower Upper
76 100
78 6.0 7.0 10.6#



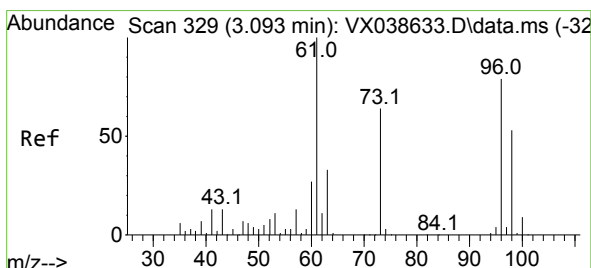
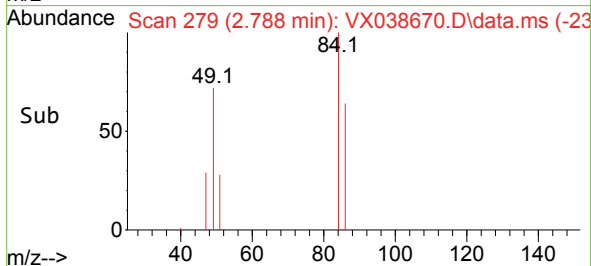
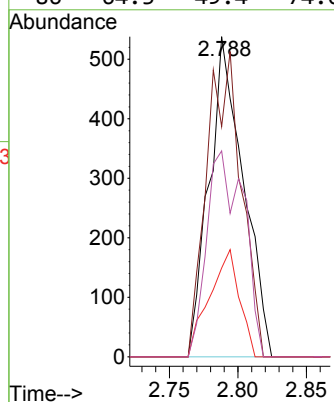


#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

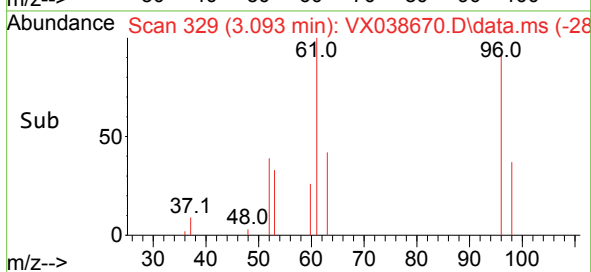
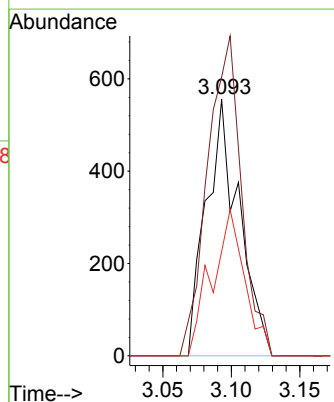
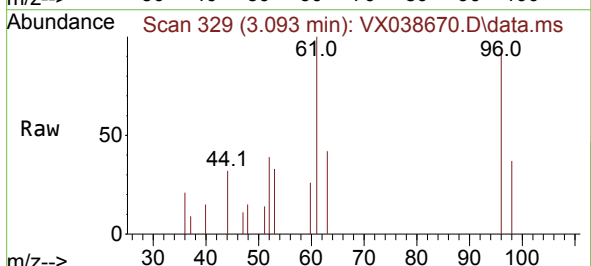


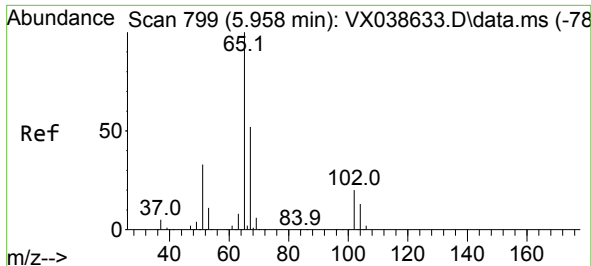
Tgt Ion: 84	Resp: 932
Ion Ratio	Lower Upper
84 100	
49 71.9	103.6 155.4#
51 27.7	33.8 50.6#
86 64.3	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.313 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion: 96	Resp: 928		
Ion Ratio	Lower	Upper	
96	100		
61	108.6	119.2	178.8#
98	40.6	48.7	73.1#





#33

1,2-Dichloroethane-d4

Concen: 45.608 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038670.D

Acq: 09 Nov 2023 11:11

Instrument :

MSVOA_X

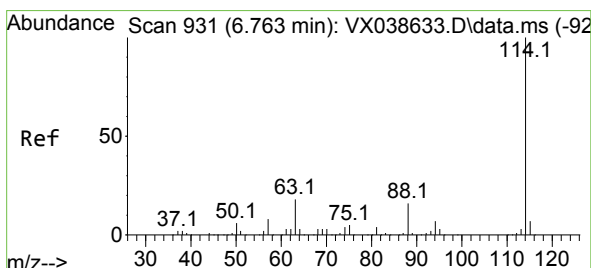
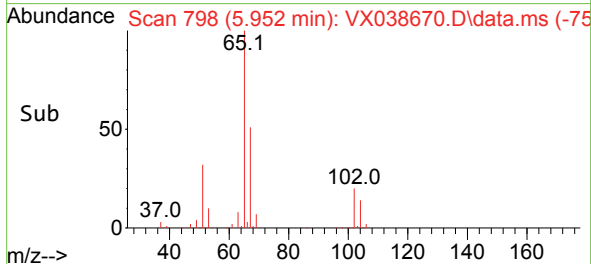
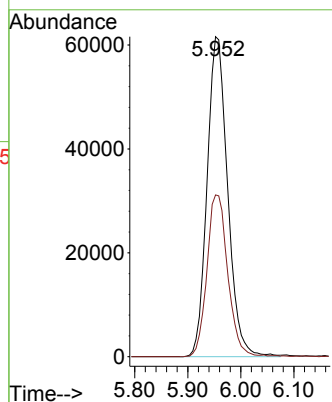
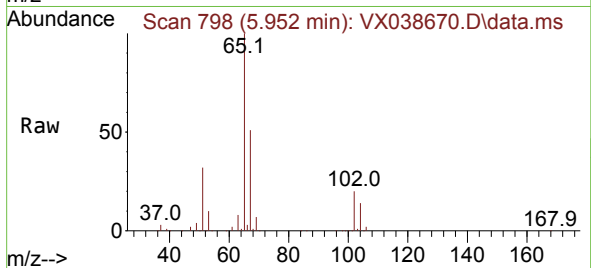
ClientSampleId :

Tgt Ion: 65 Resp: 165800

Ion Ratio Lower Upper

65 100

67 51.3 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: VX038670.D

Acq: 09 Nov 2023 11:11

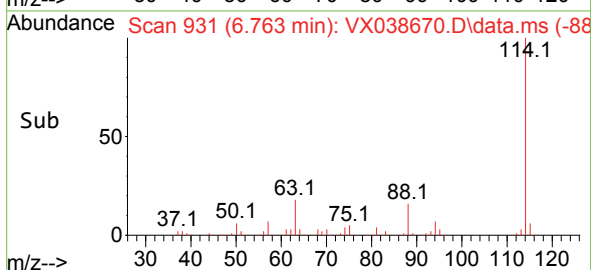
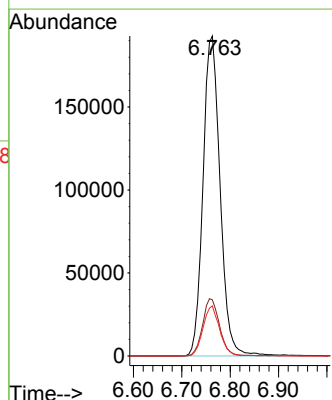
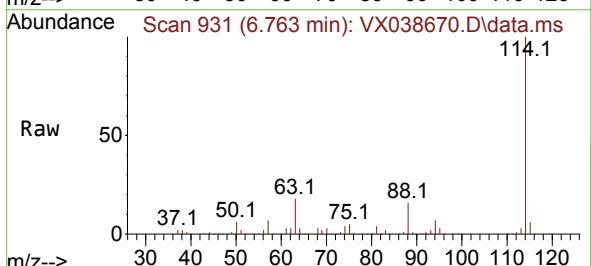
Tgt Ion:114 Resp: 473227

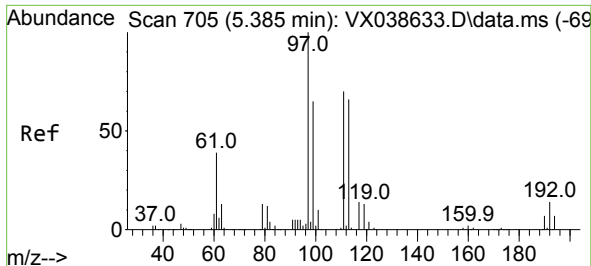
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

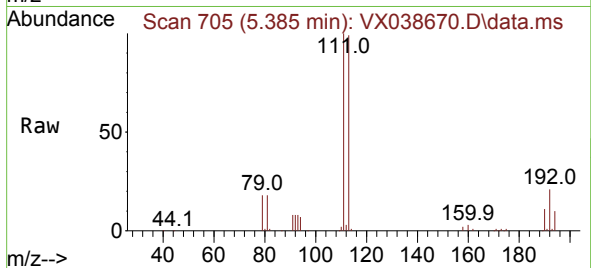
88 15.7 0.0 36.6



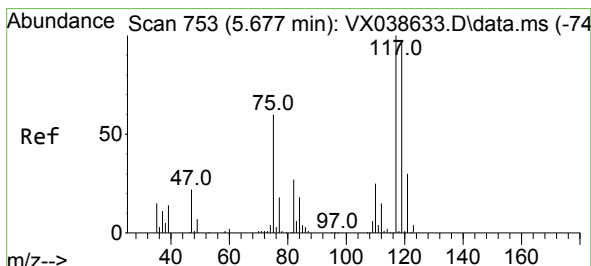
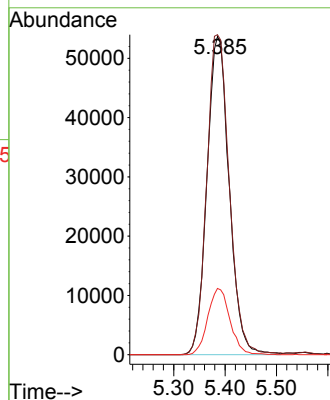
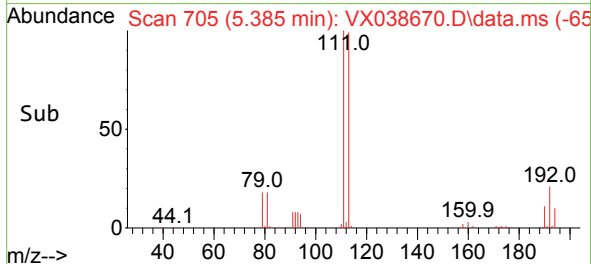


#35
Dibromofluoromethane
Concen: 47.201 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

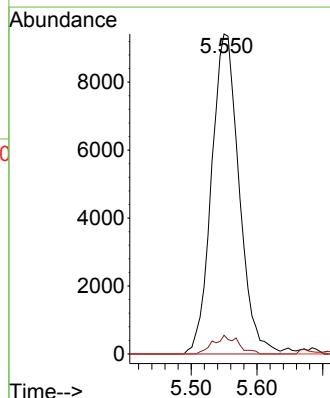
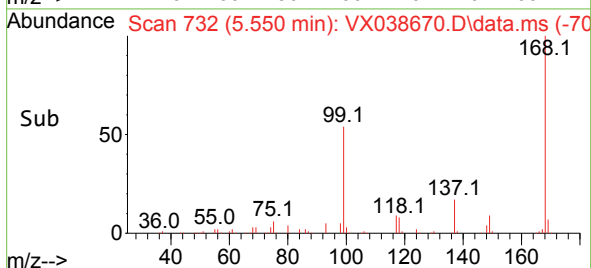
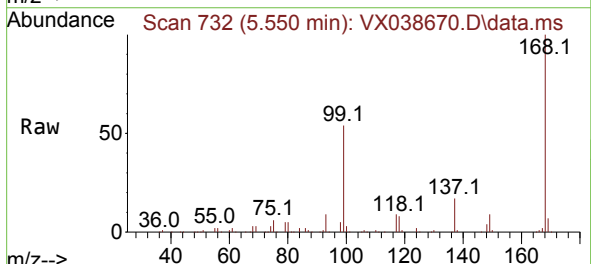


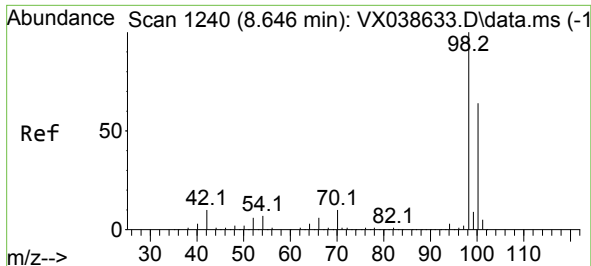
Tgt Ion:113 Resp: 160876
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.8 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 5.797 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion:117 Resp: 27439
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

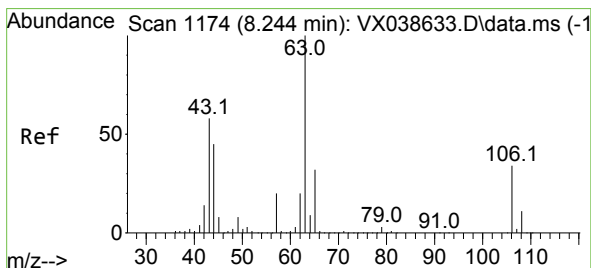
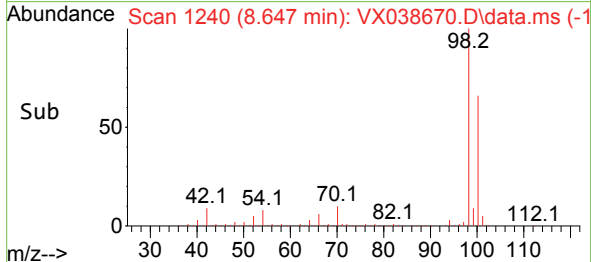
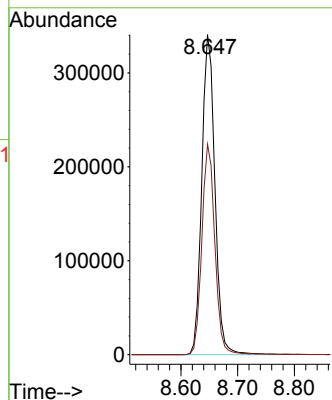
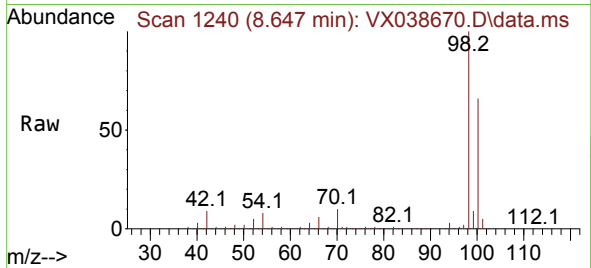




#50
Toluene-d8
Concen: 44.842 ug/l
RT: 8.647 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

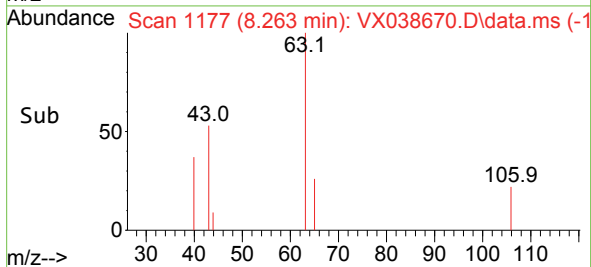
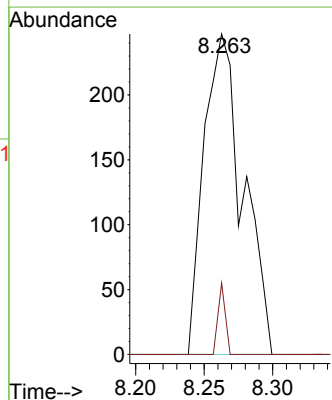
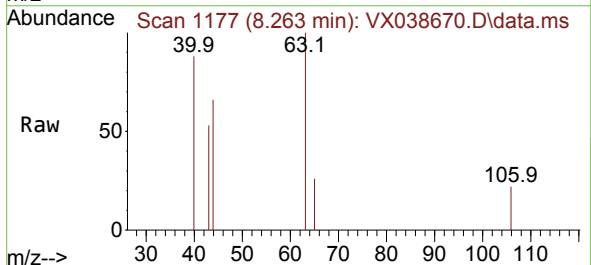
Instrument :
MSVOA_X
ClientSampleId :

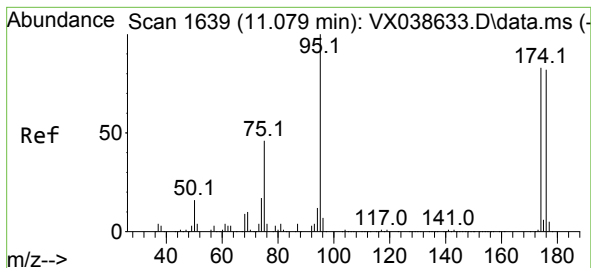
Tgt Ion: 98 Resp: 546902
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#58
2-Chloroethyl Vinyl ether
Concen: 0.210 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion: 63 Resp: 490
Ion Ratio Lower Upper
63 100
106 4.1 22.5 33.7#

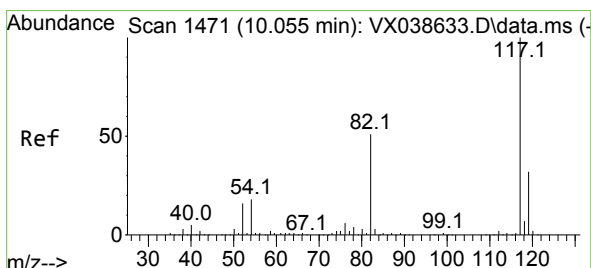
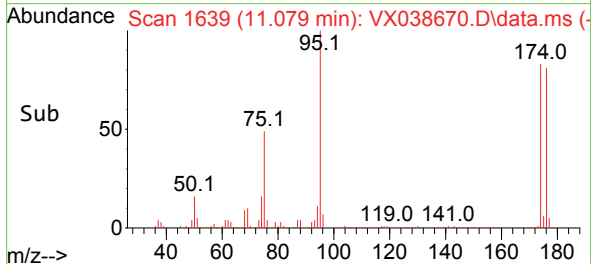
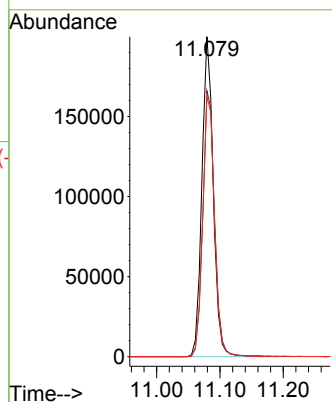
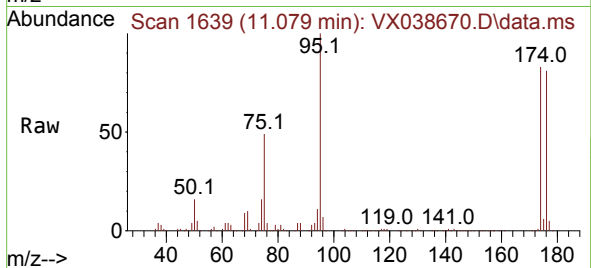




#62
4-Bromofluorobenzene
Concen: 52.943 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

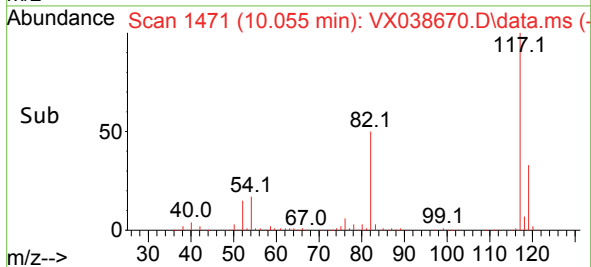
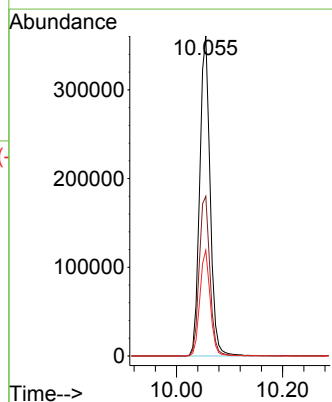
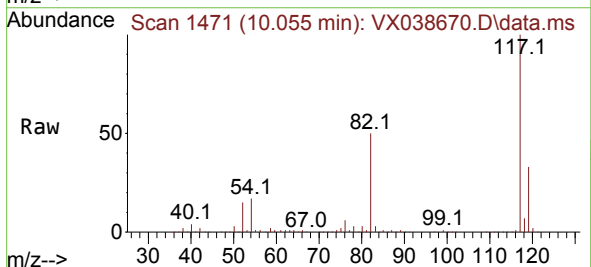
Instrument :
MSVOA_X
ClientSampleId :

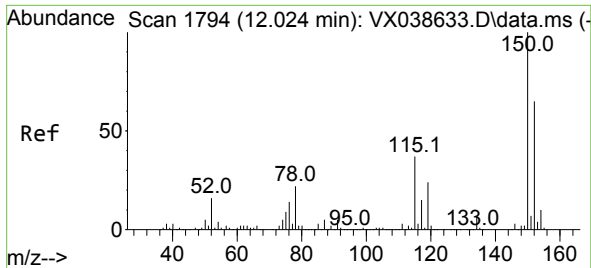
Tgt Ion: 95 Resp: 250350
Ion Ratio Lower Upper
95 100
174 86.1 0.0 135.6
176 84.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion: 117 Resp: 491011
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 33.0 25.5 38.3

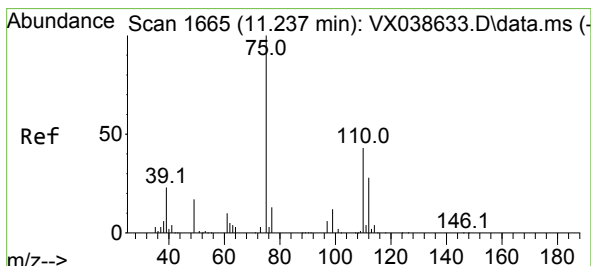
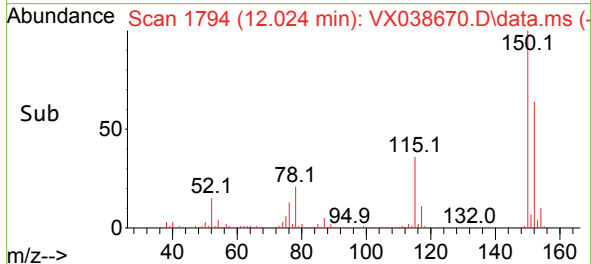
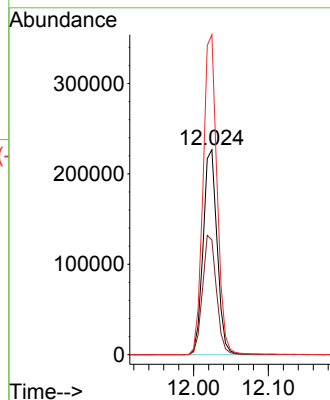
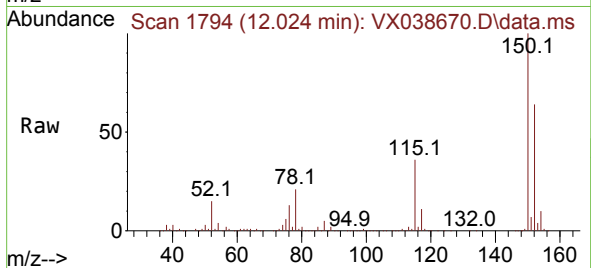




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038670.D
 Acq: 09 Nov 2023 11:11

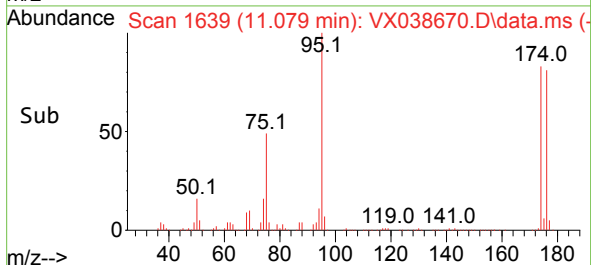
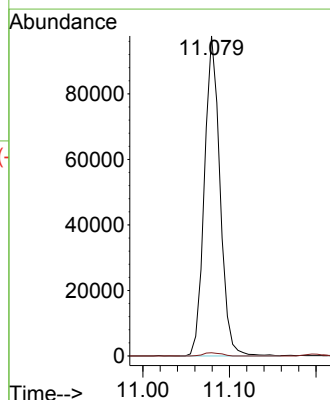
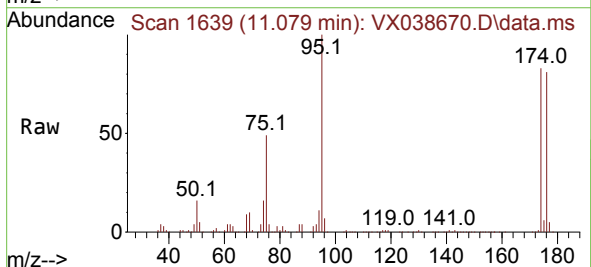
Instrument :
 MSVOA_X
 ClientSampleId :

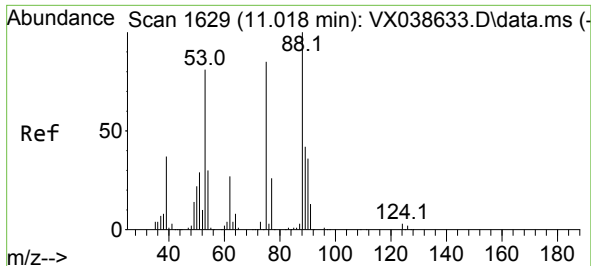
Tgt Ion:152 Resp: 295248
 Ion Ratio Lower Upper
 152 100
 115 58.1 43.3 129.9
 150 155.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.902 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038670.D
 Acq: 09 Nov 2023 11:11

Tgt Ion: 75 Resp: 122223
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

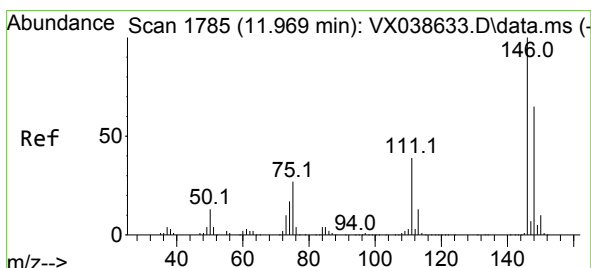
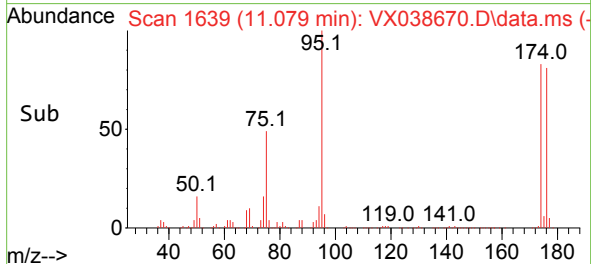
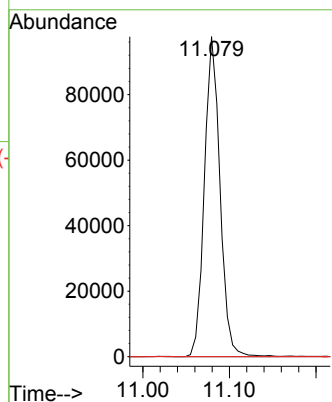
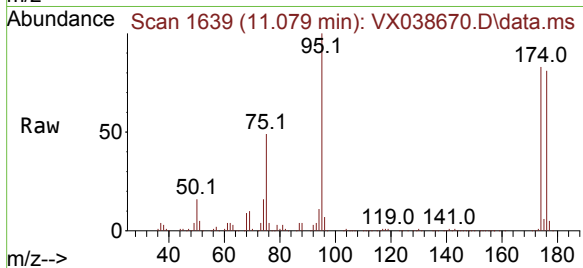




#81
trans-1,4-Dichloro-2-butene
Concen: 63.570 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

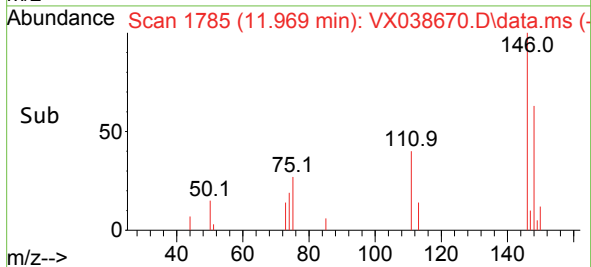
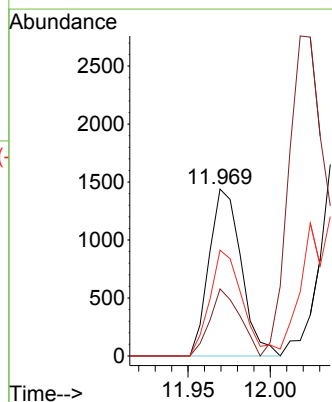
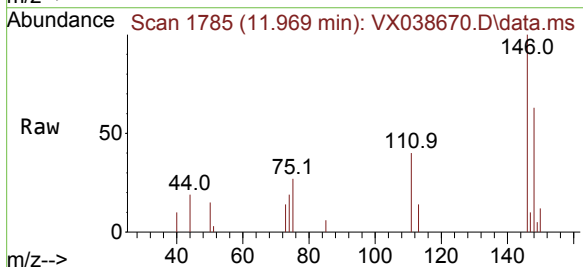
Instrument :
MSVOA_X
ClientSampleId :

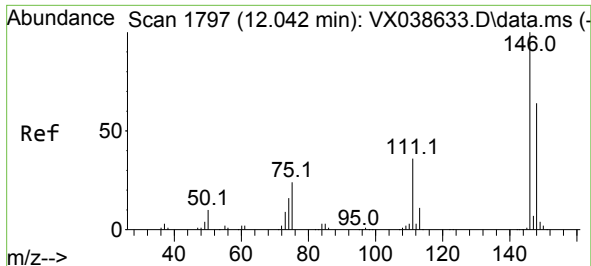
Tgt Ion: 75 Resp: 122223
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

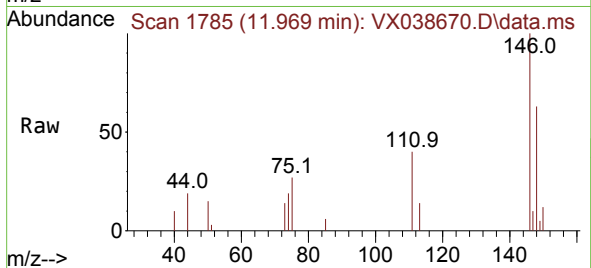
Tgt Ion:146 Resp: 1956
Ion Ratio Lower Upper
146 100
111 37.4 22.1 66.1
148 65.0 31.8 95.3



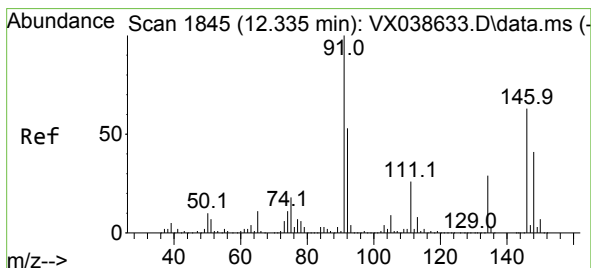
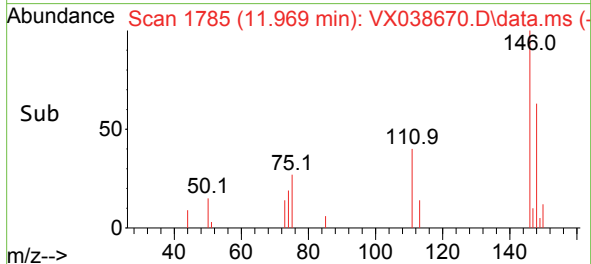
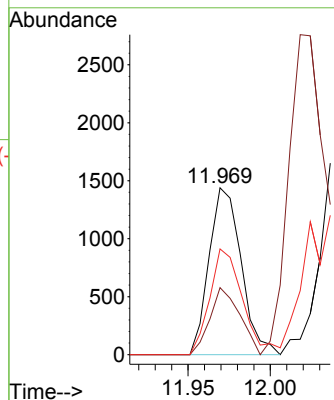


#88
1,4-Dichlorobenzene
Concen: 0.200 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

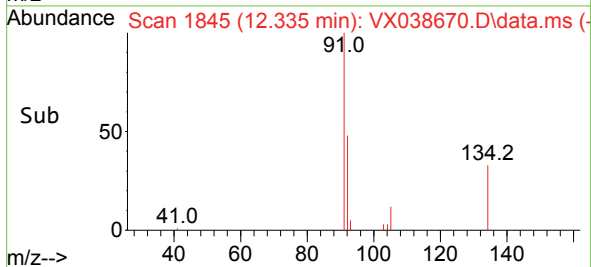
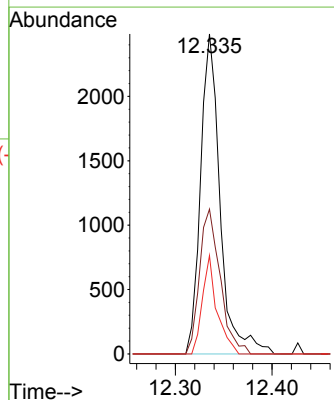
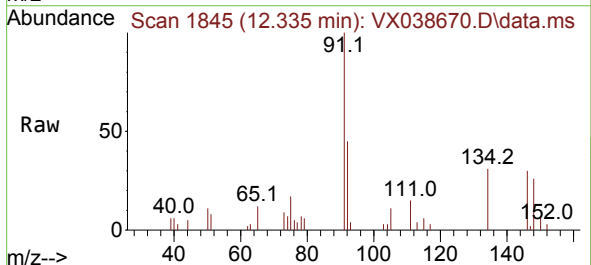


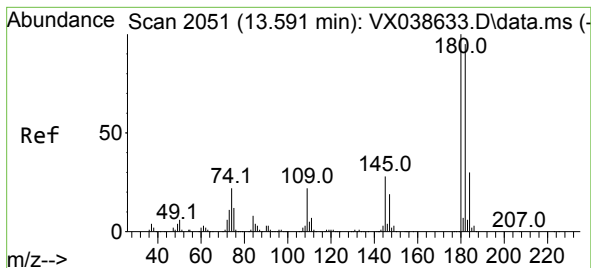
Tgt Ion:146 Resp: 1956
Ion Ratio Lower Upper
146 100
111 37.4 21.3 63.7
148 65.0 31.8 95.4



#89
n-Butylbenzene
Concen: 0.234 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion: 91 Resp: 3496
Ion Ratio Lower Upper
91 100
92 47.8 27.4 82.0
134 23.1 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.483 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038670.D

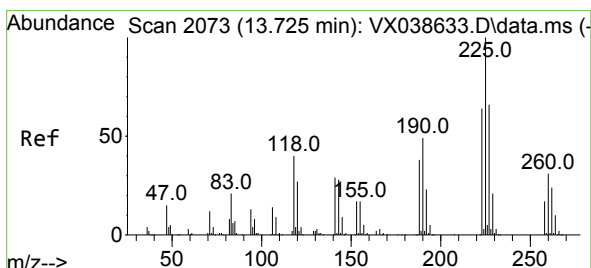
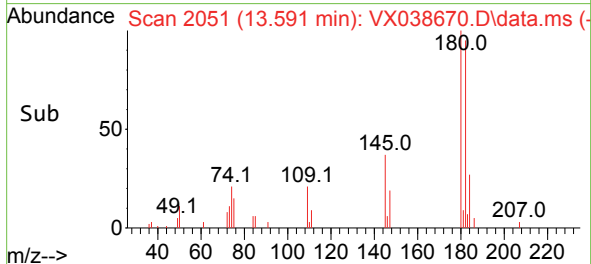
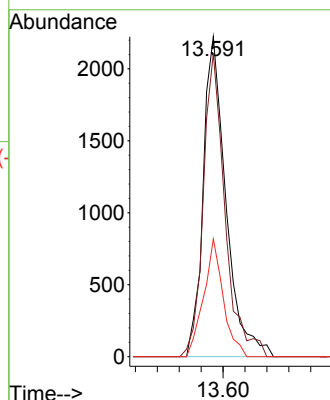
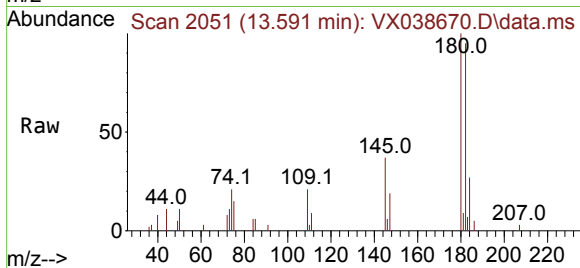
Acq: 09 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	3207
Ion Ratio	Lower	Upper
180	100	
182	90.2	48.3 144.8
145	31.7	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.737 ug/l

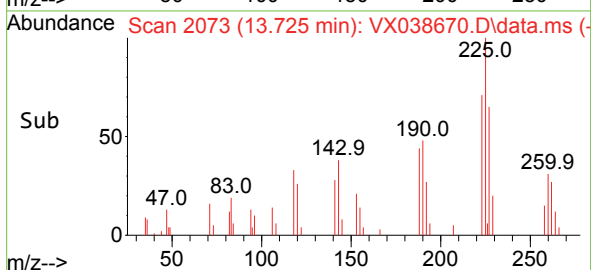
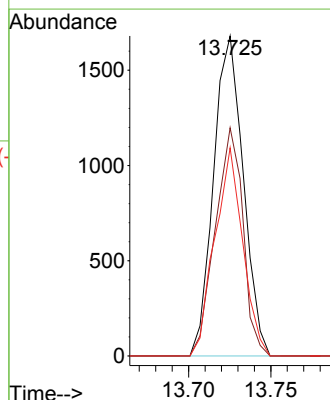
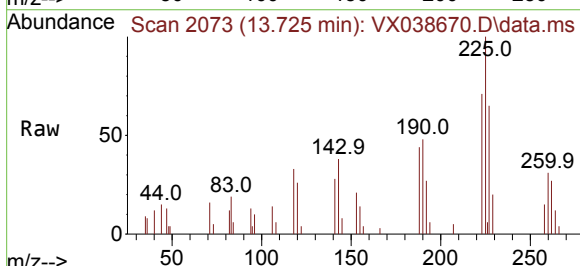
RT: 13.725 min Scan# 2073

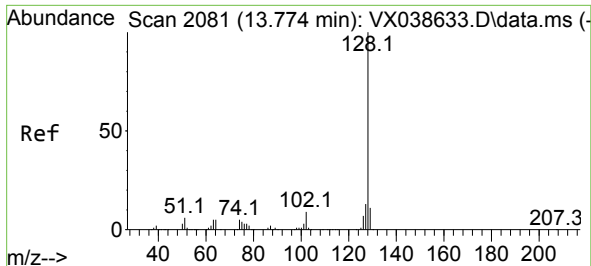
Delta R.T. 0.000 min

Lab File: VX038670.D

Acq: 09 Nov 2023 11:11

Tgt Ion:225	Resp:	2110
Ion Ratio	Lower	Upper
225	100	
223	66.3	31.1 93.2
227	61.4	32.5 97.5

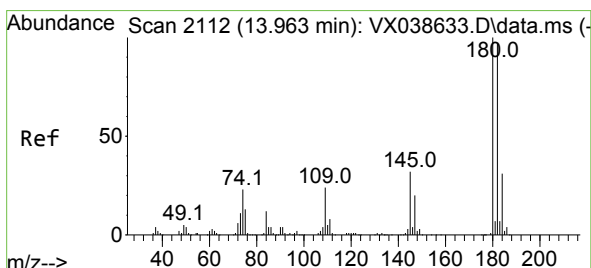
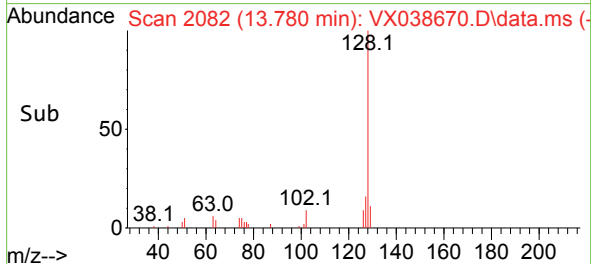
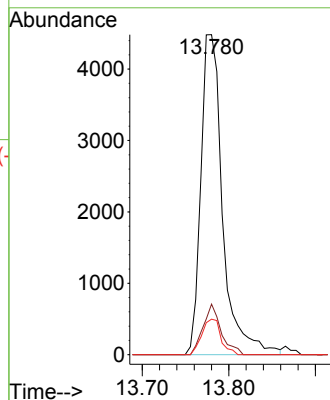
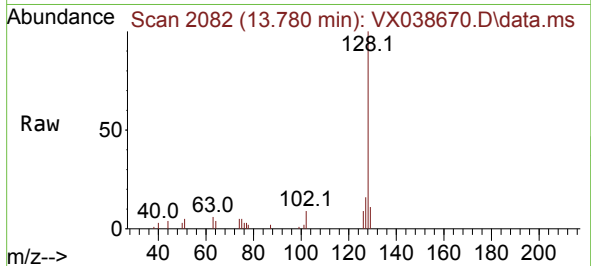




#95
Naphthalene
Concen: 0.392 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	9.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.392 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038670.D
Acq: 09 Nov 2023 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.9	46.9	140.6
145	34.8	17.8	53.5

