

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038467.D
 Acq On : 25 Oct 2023 10:13
 Operator : JC/MD
 Sample : VX1025MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 03:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

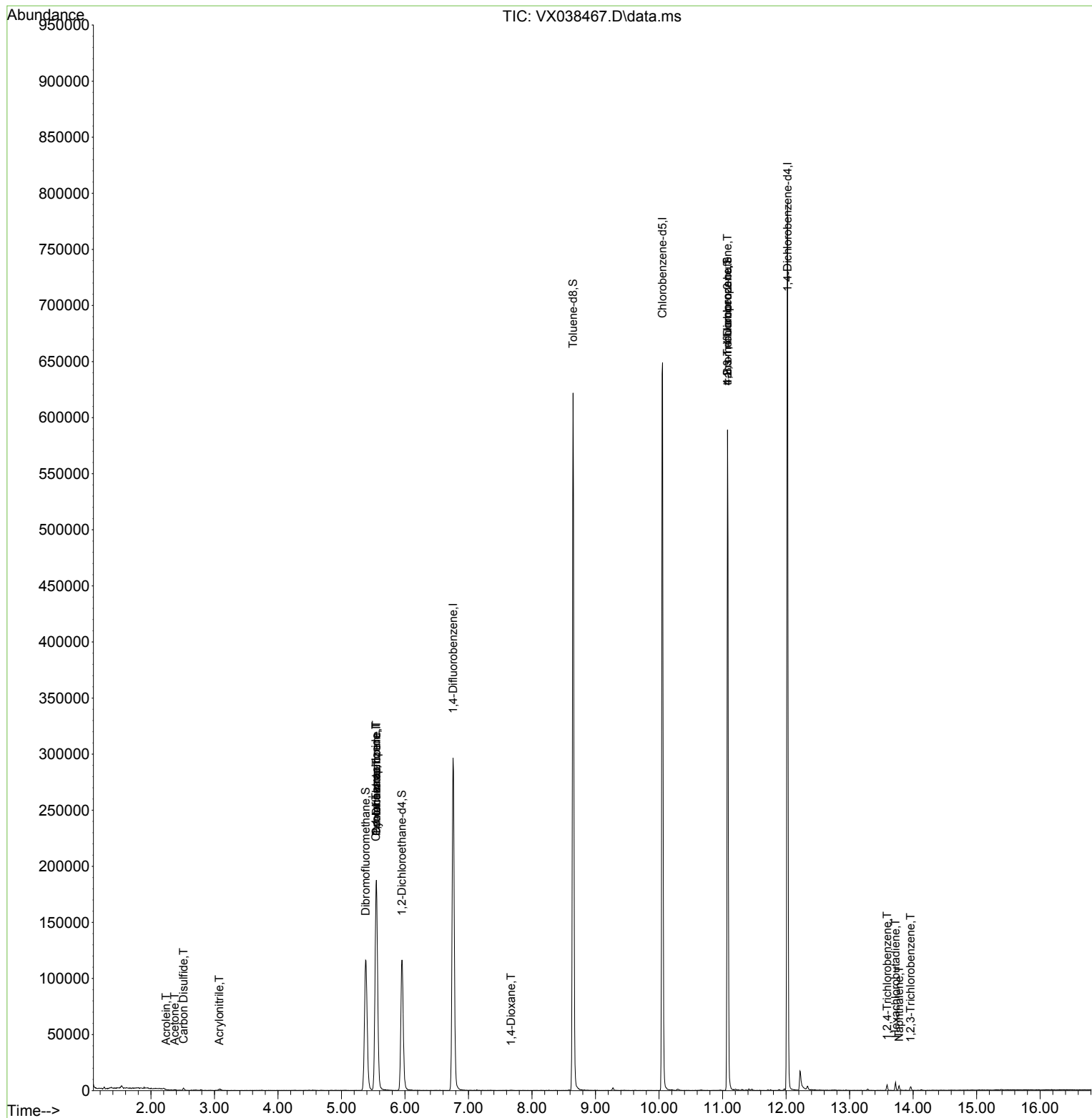
Internal Standards						
1) Pentafluorobenzene	5.550	168	183717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	316215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113681	38.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	76.940%#
35) Dibromofluoromethane	5.379	113	103695	45.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	379232	43.556	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.120%#
62) 4-Bromofluorobenzene	11.079	95	149415	45.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	200	Below Cal		95
6) Chloroethane	1.685	64	106	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	126	Below Cal	#	78
13) Acrolein	2.239	56	183	0.436	ug/l #	76
15) Acrylonitrile	3.075	53	700	0.521	ug/l #	85
16) Acetone	2.373	43	562	0.456	ug/l	96
17) Carbon Disulfide	2.514	76	2145	0.443	ug/l	99
31) Cyclohexane	5.550	56	3592	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14032	4.466	ug/l #	51
38) Carbon Tetrachloride	5.544	117	18077	5.848	ug/l #	16
49) 1,4-Dioxane	7.671	88	325	4.959	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	76244	19.599	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76244	56.644	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1508	0.416	ug/l	98
94) Hexachlorobutadiene	13.725	225	1076	0.737	ug/l	99
95) Naphthalene	13.780	128	3231	0.256	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	1101	0.313	ug/l	100

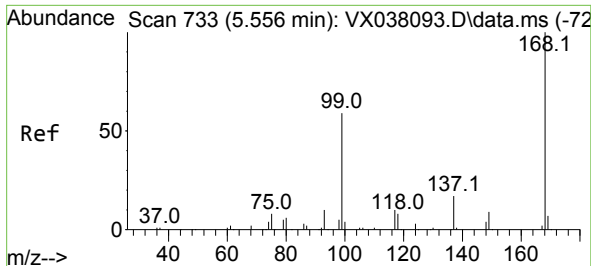
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
Data File : VX038467.D
Acq On : 25 Oct 2023 10:13
Operator : JC/MD
Sample : VX1025MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 26 03:59:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

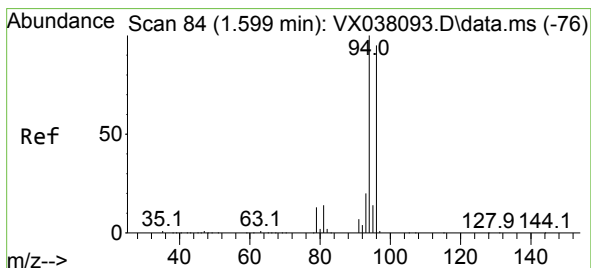
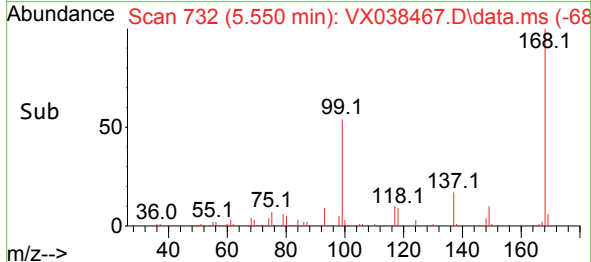
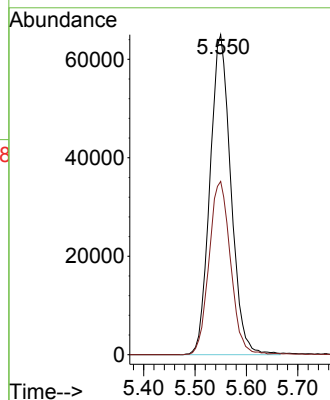
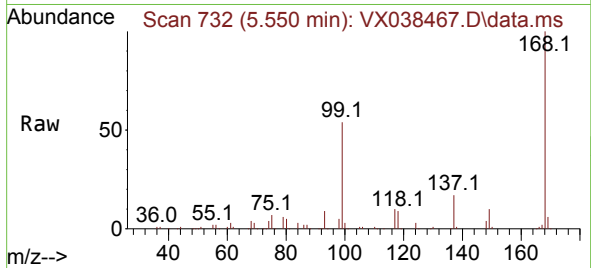




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

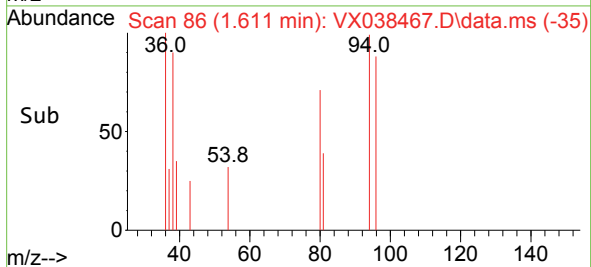
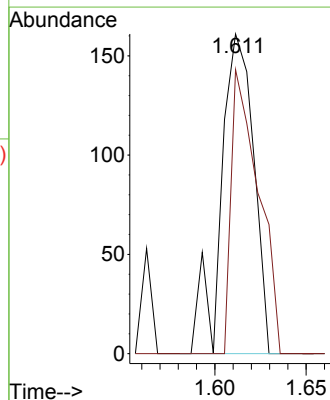
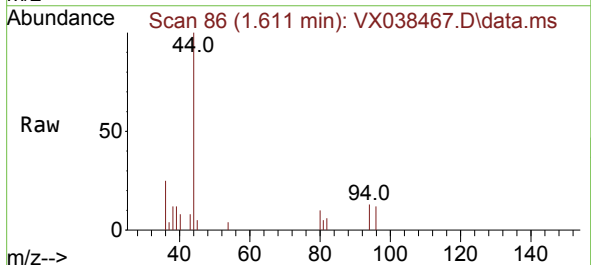
Instrument :
MSVOA_X
ClientSampleId :

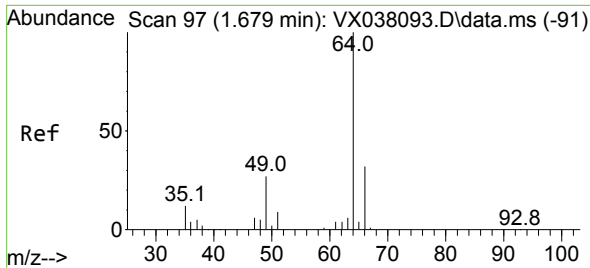
Tgt Ion:168 Resp: 183717
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 88.8 74.6 111.8

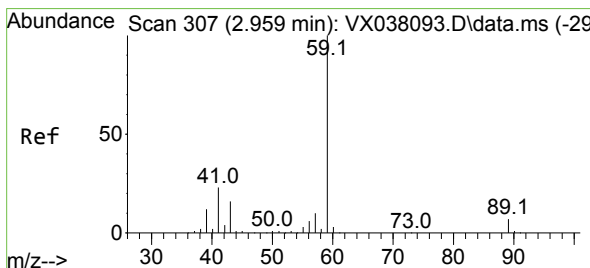
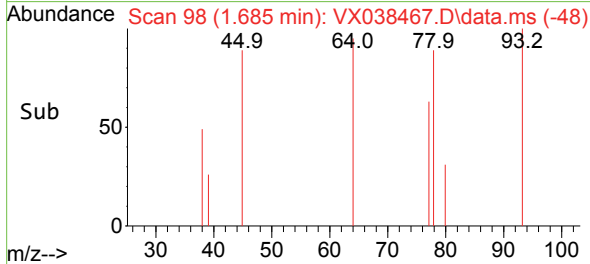
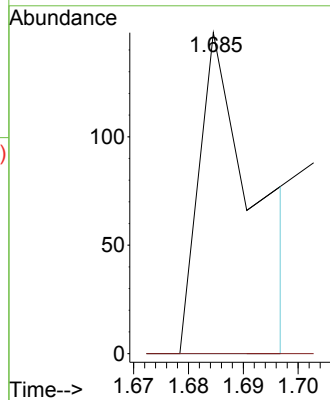
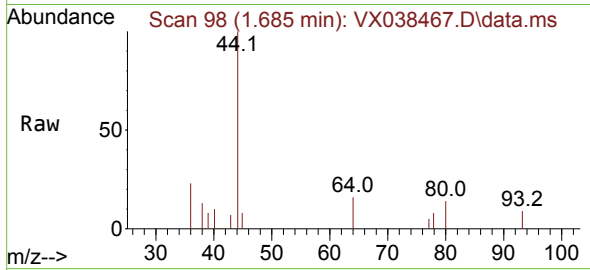




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

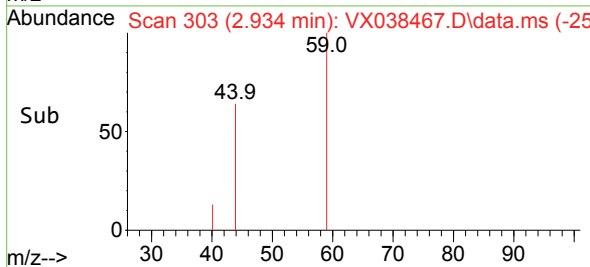
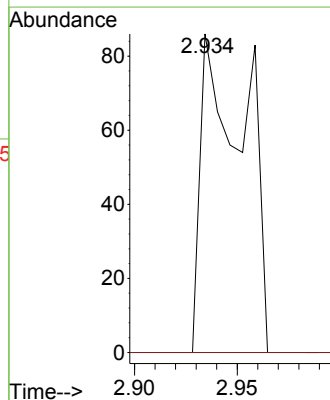
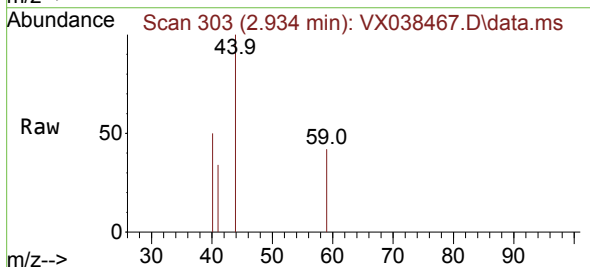
Instrument :
MSVOA_X
ClientSampleId :

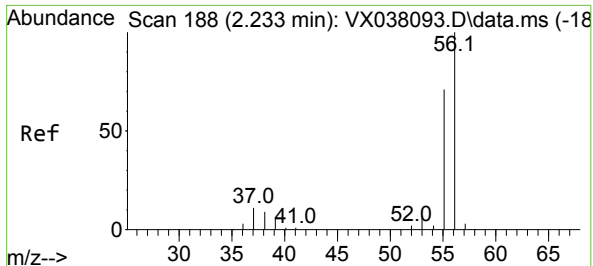
Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.025 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.436 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038467.D

Acq: 25 Oct 2023 10:13

Instrument :

MSVOA_X

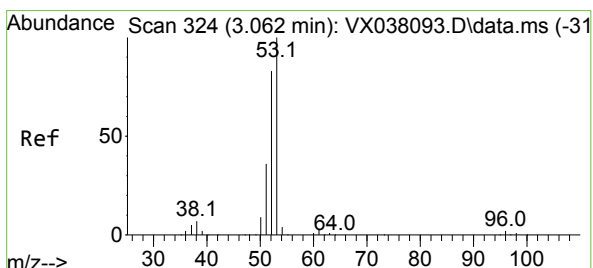
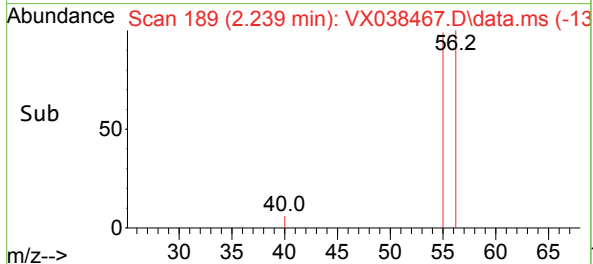
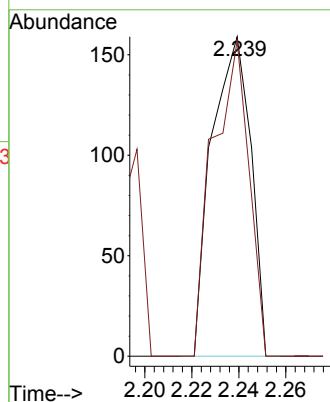
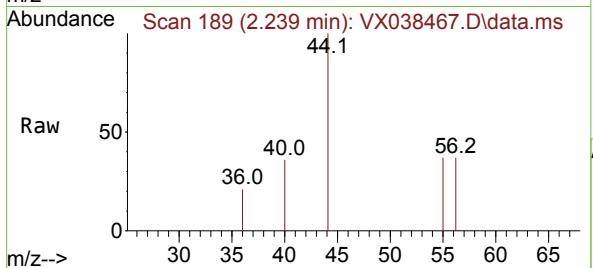
ClientSampleId :

Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 91.3 57.1 85.7#



#15

Acrylonitrile

Concen: 0.521 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.013 min

Lab File: VX038467.D

Acq: 25 Oct 2023 10:13

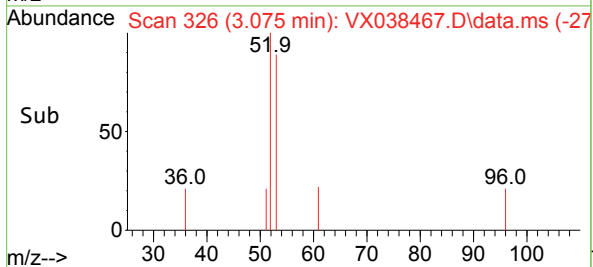
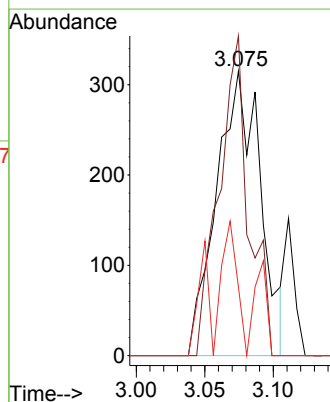
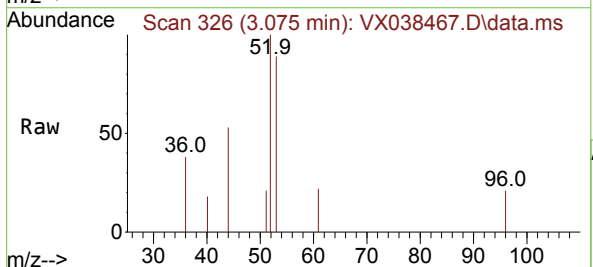
Tgt Ion: 53 Resp: 700

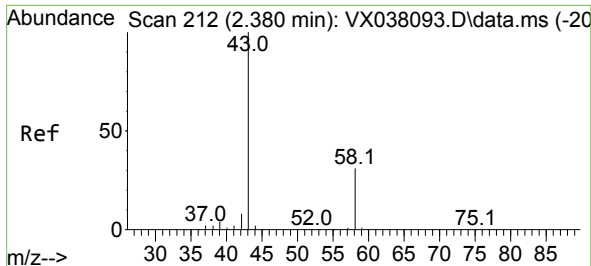
Ion Ratio Lower Upper

53 100

52 76.6 66.0 99.0

51 17.0 29.8 44.6#

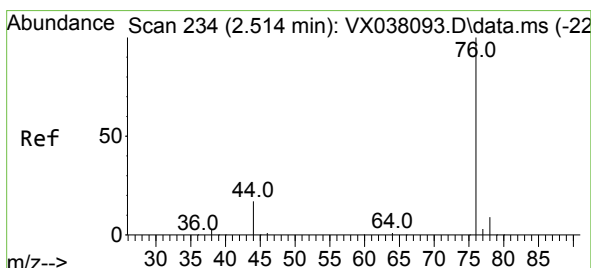
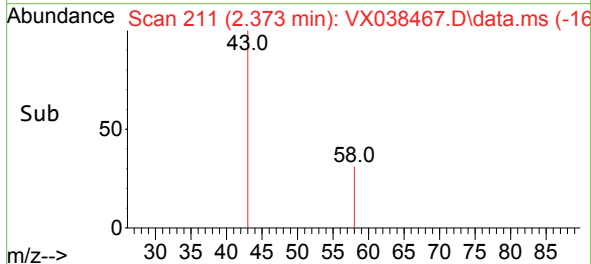
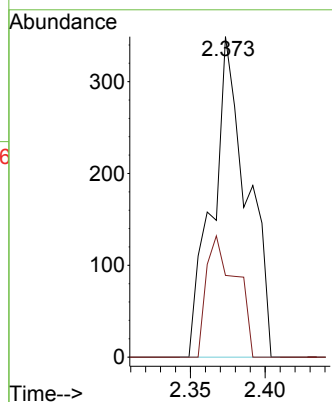
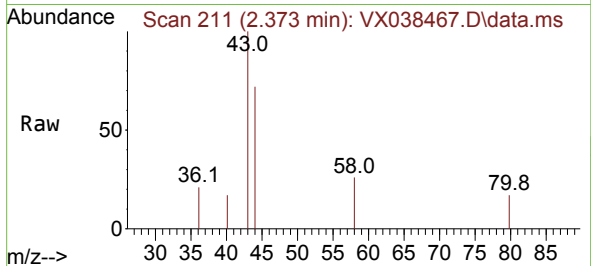




#16
Acetone
Concen: 0.456 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

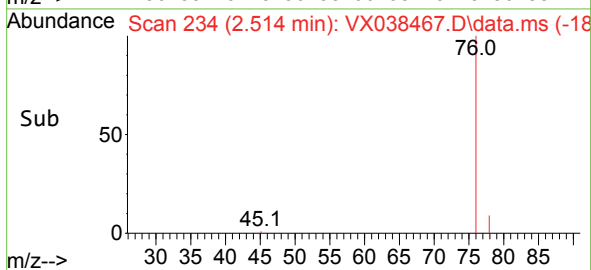
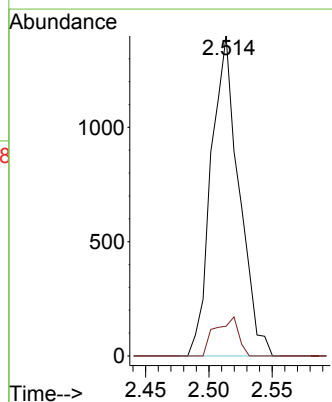
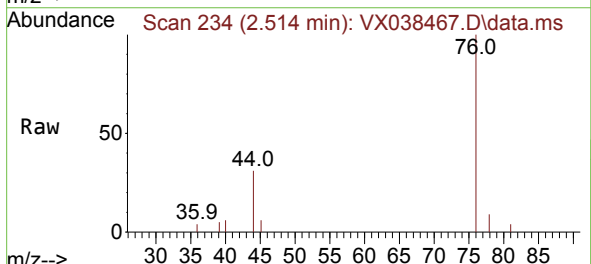
Instrument :
MSVOA_X
ClientSampleId :

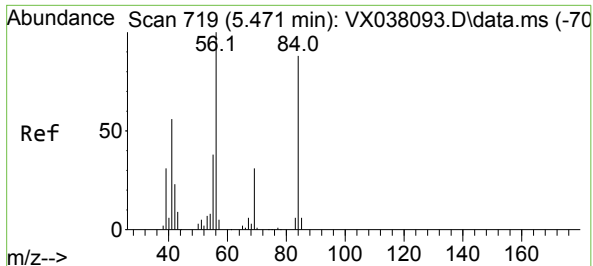
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 25.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.443 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

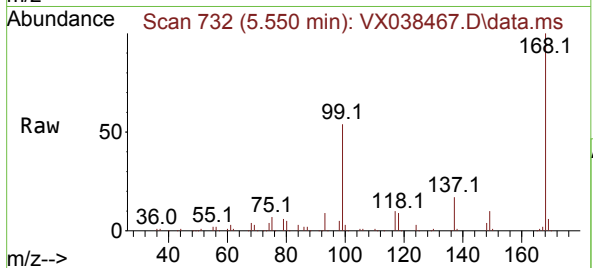
Tgt Ion: 76 Resp: 2145
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



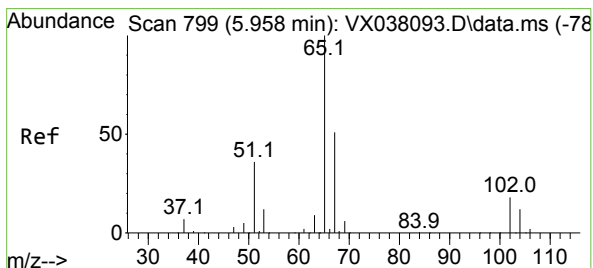
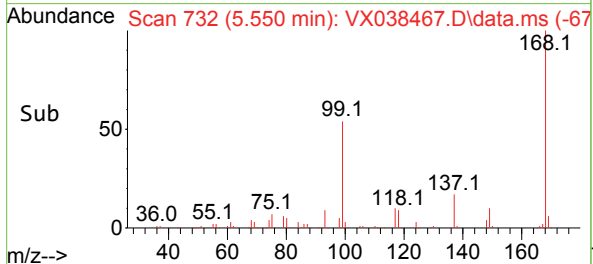
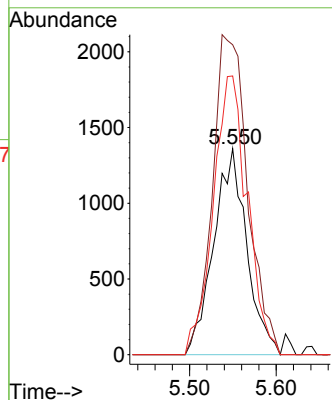


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :

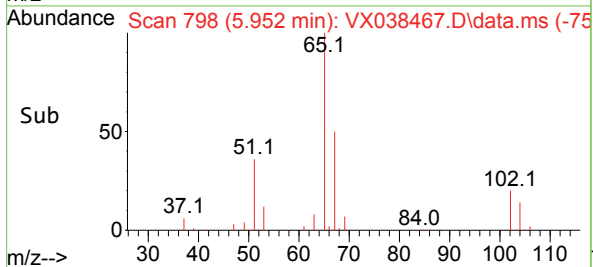
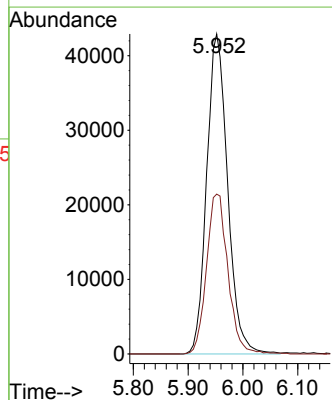
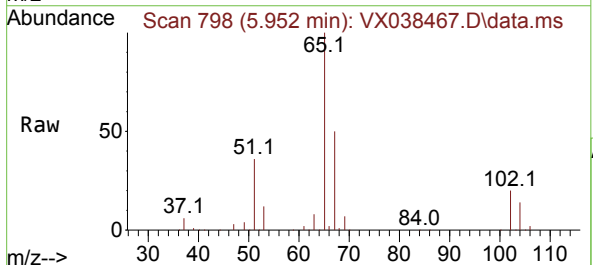


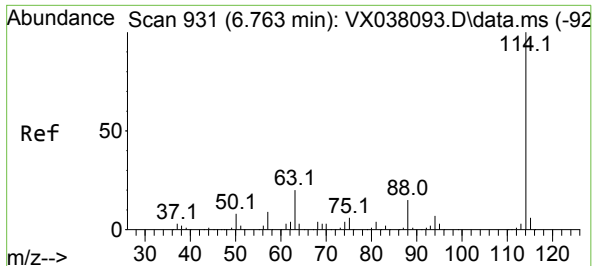
Tgt Ion: 56 Resp: 3592
Ion Ratio Lower Upper
56 100
69 150.3 23.4 35.2#
84 135.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.471 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

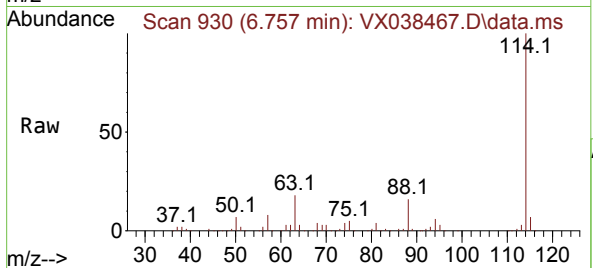
Tgt Ion: 65 Resp: 113681
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



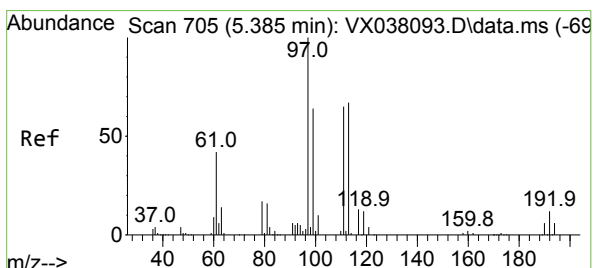
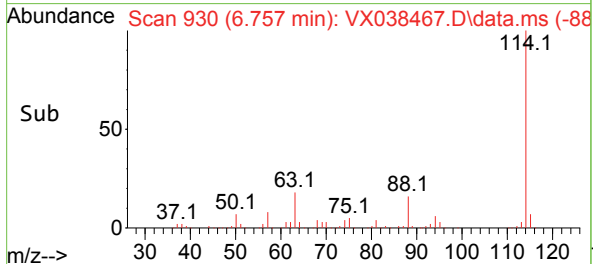
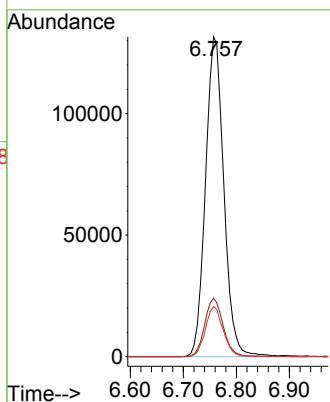


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :

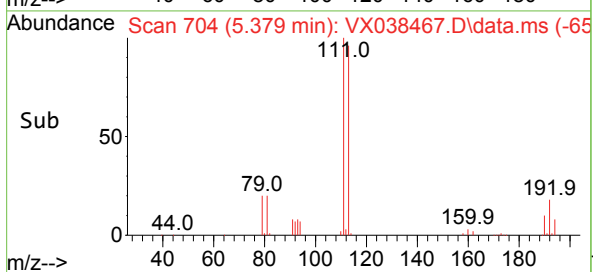
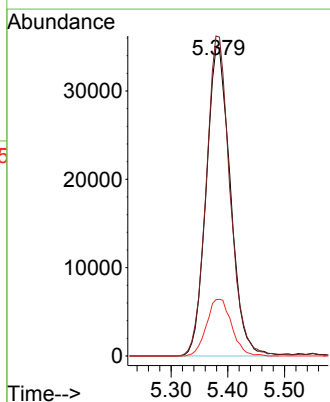
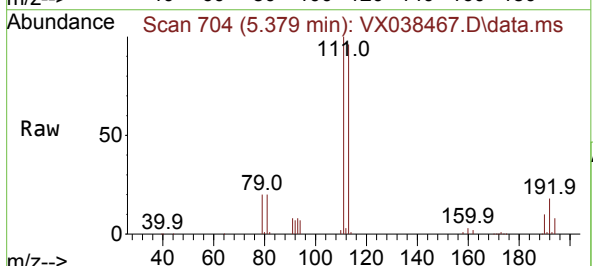


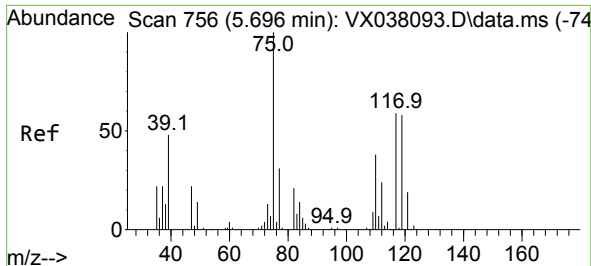
Tgt Ion:114 Resp: 316215
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.510 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Tgt Ion:113 Resp: 103695
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.0 13.3 19.9

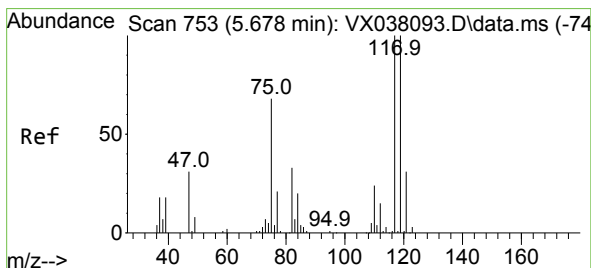
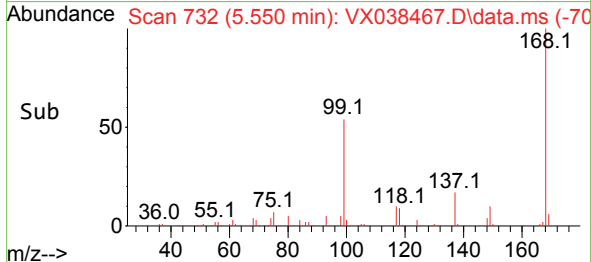
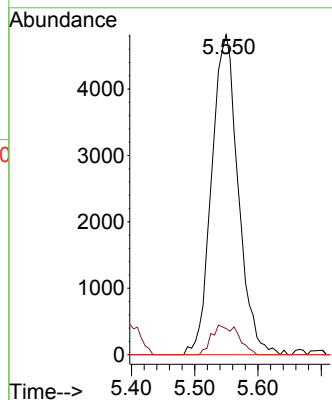
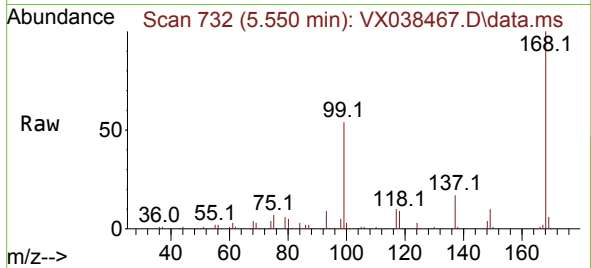




#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

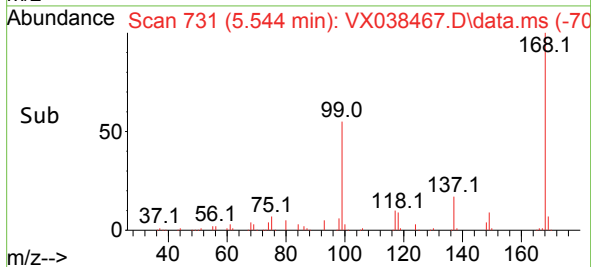
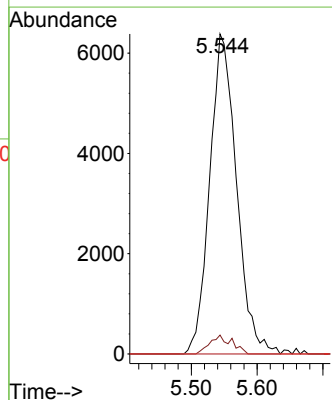
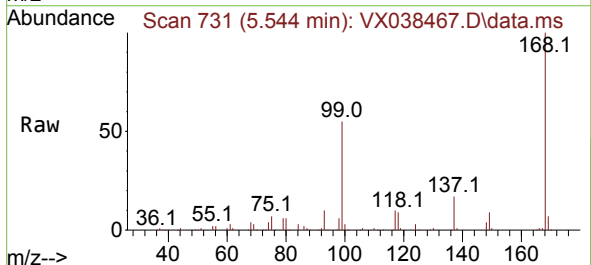
Instrument :
MSVOA_X
ClientSampleId :

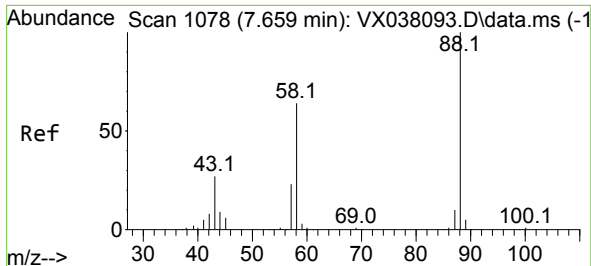
Tgt Ion: 75 Resp: 14032
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

Tgt Ion: 117 Resp: 18077
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 4.959 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

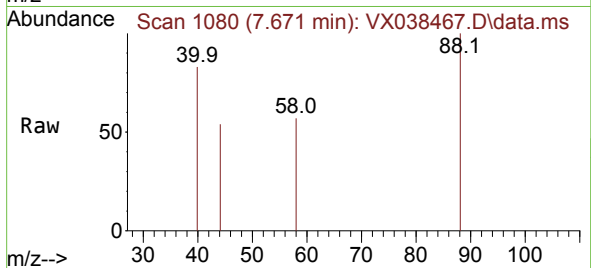
Lab File: VX038467.D

Acq: 25 Oct 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :



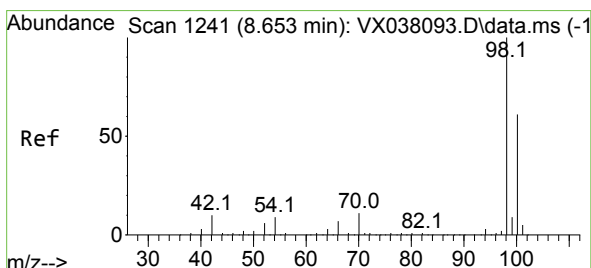
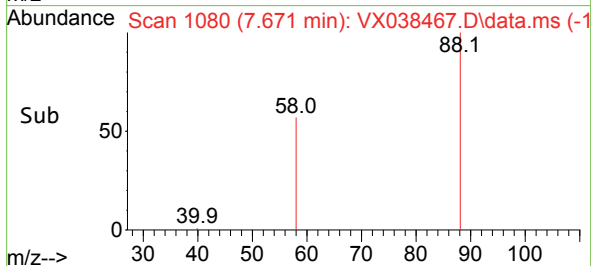
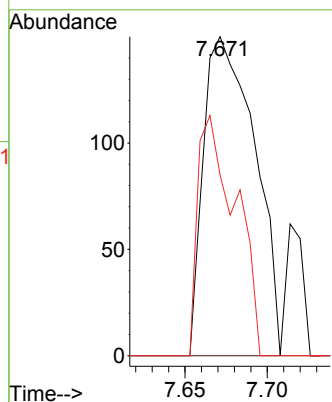
Tgt Ion: 88 Resp: 325

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 55.7 60.1 90.1#



#50

Toluene-d8

Concen: 43.556 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038467.D

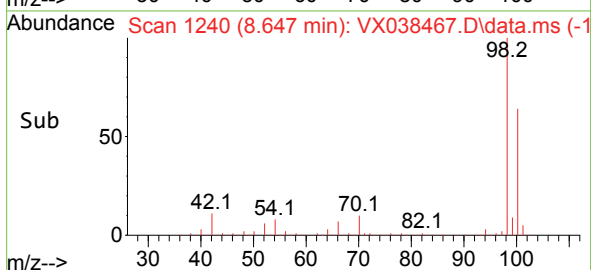
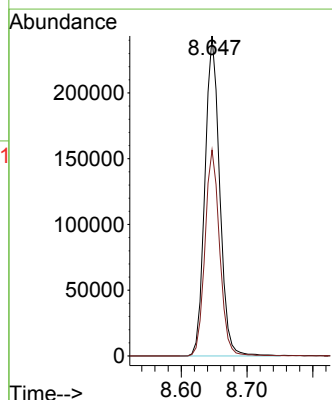
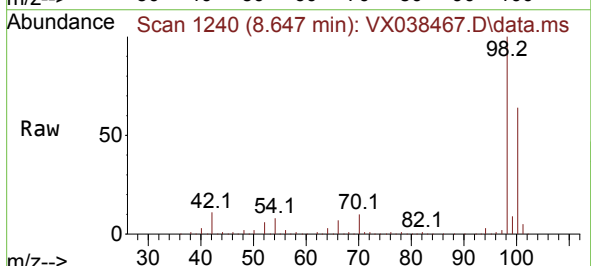
Acq: 25 Oct 2023 10:13

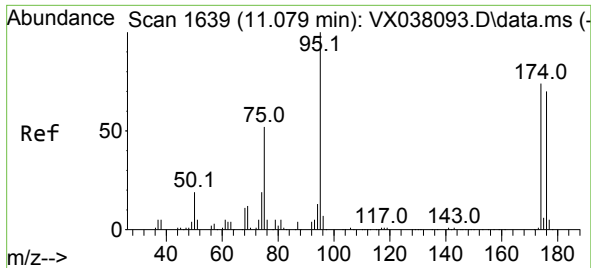
Tgt Ion: 98 Resp: 379232

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7

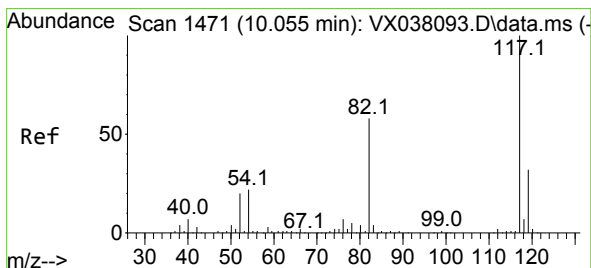
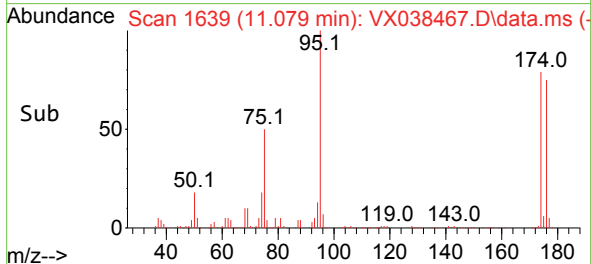
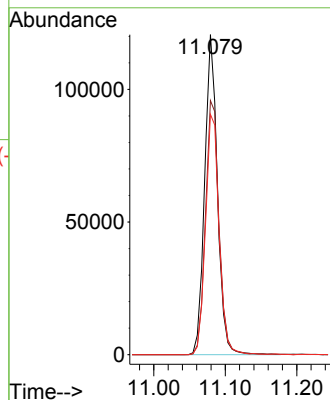
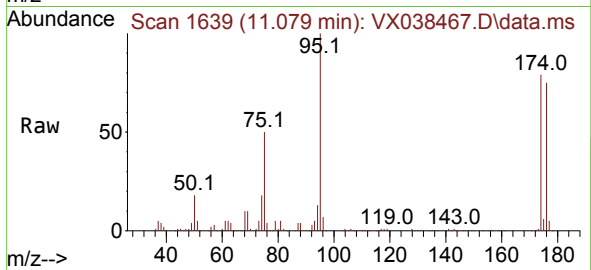




#62
4-Bromofluorobenzene
Concen: 45.266 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

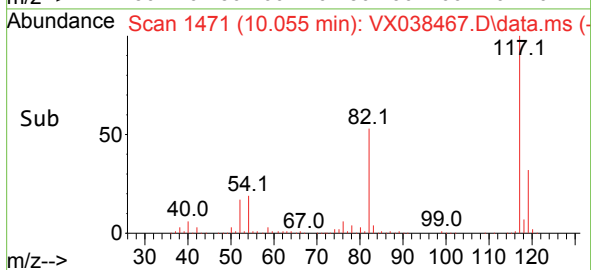
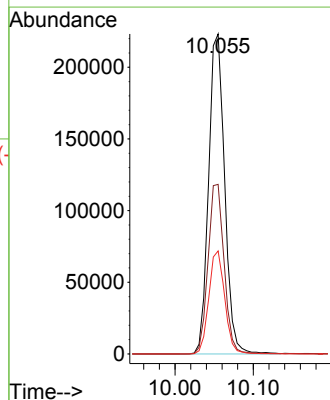
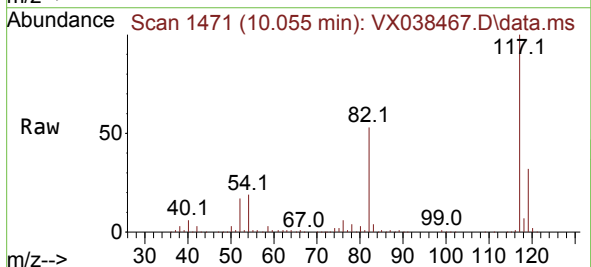
Instrument :
MSVOA_X
ClientSampleId :

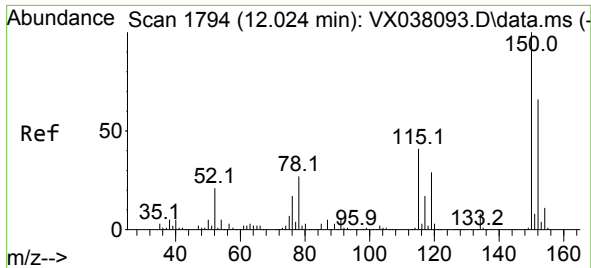
Tgt Ion: 95 Resp: 149415
Ion Ratio Lower Upper
95 100
174 85.0 0.0 135.6
176 80.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

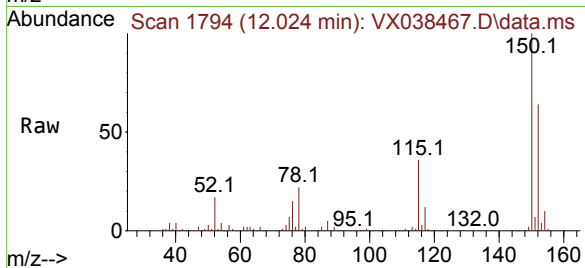
Tgt Ion: 117 Resp: 317206
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.2 25.5 38.3



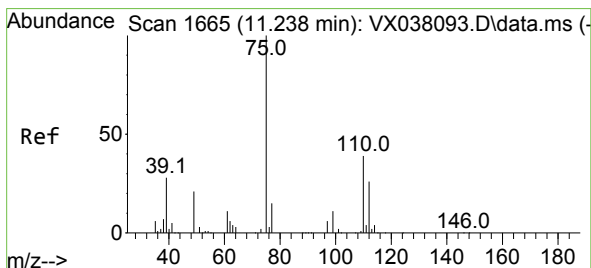
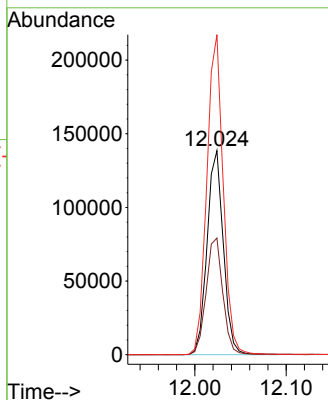
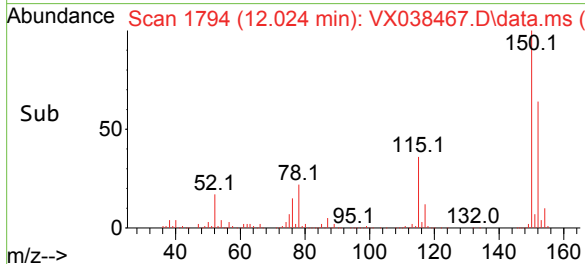


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038467.D
 Acq: 25 Oct 2023 10:13

Instrument :
 MSVOA_X
 ClientSampleId :

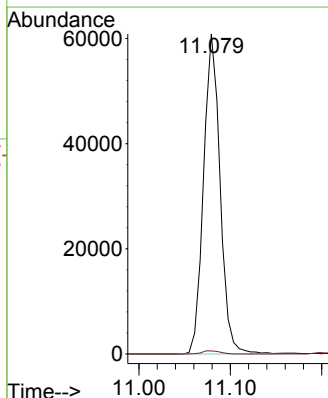
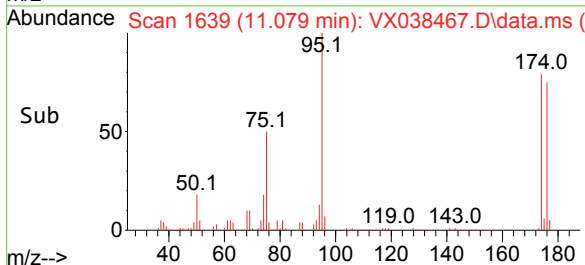
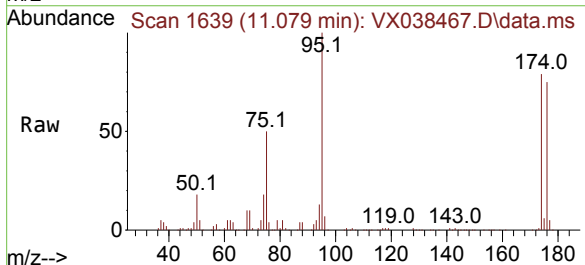


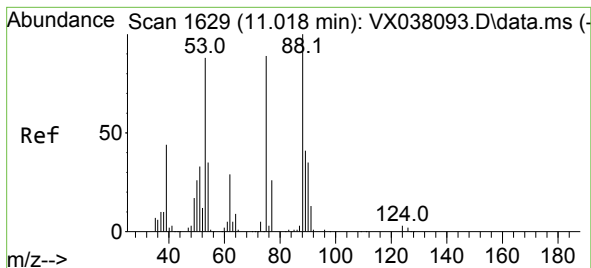
Tgt Ion:152 Resp: 171123
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.599 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038467.D
 Acq: 25 Oct 2023 10:13

Tgt Ion: 75 Resp: 76244
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

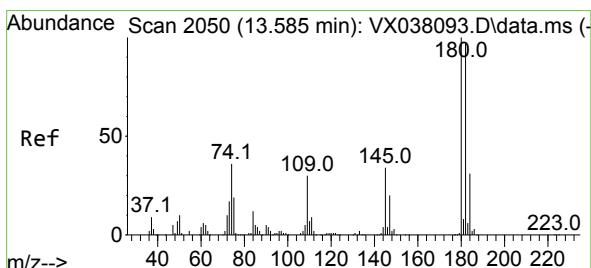
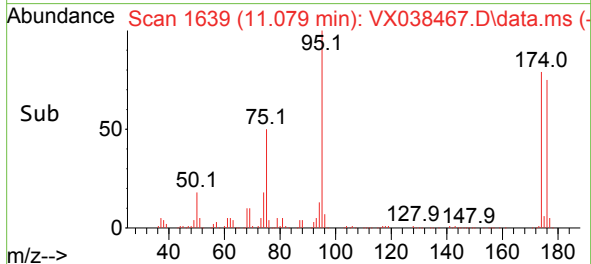
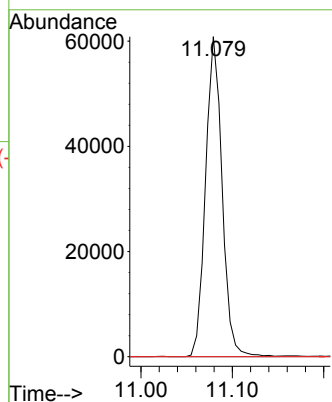
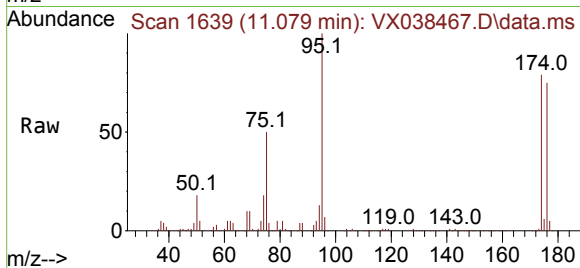




#81
trans-1,4-Dichloro-2-butene
Concen: 56.644 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

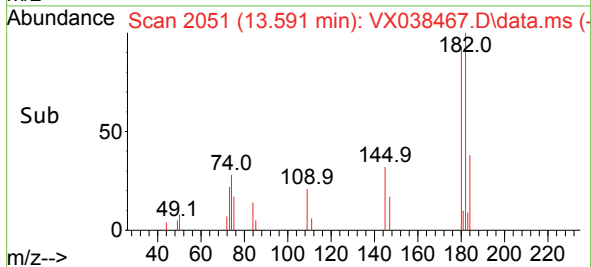
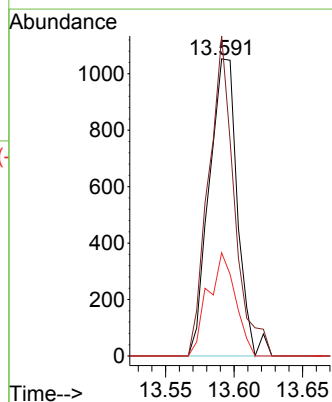
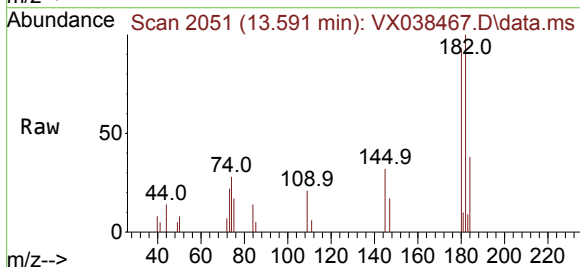
Instrument :
MSVOA_X
ClientSampleId :

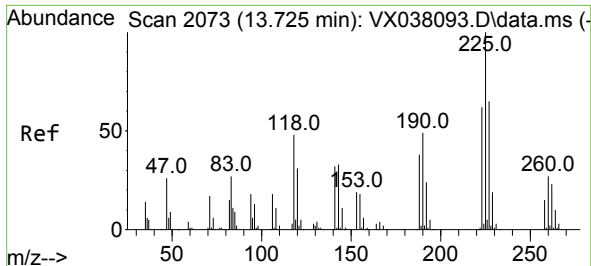
Tgt Ion: 75 Resp: 76244
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.416 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

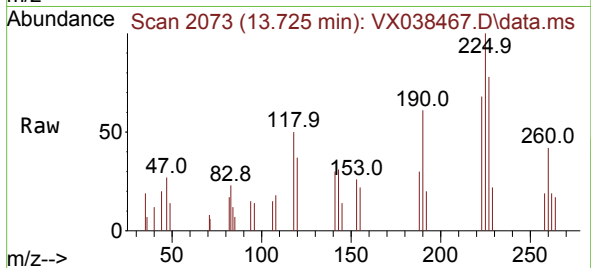
Tgt Ion:180 Resp: 1508
Ion Ratio Lower Upper
180 100
182 98.1 48.3 144.8
145 33.6 18.0 54.0



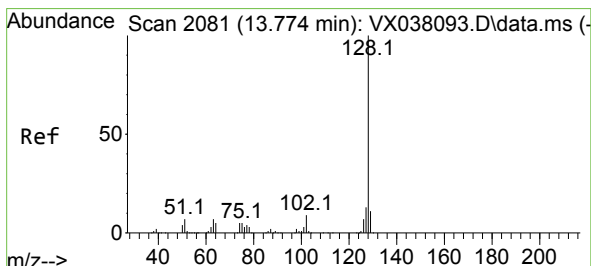
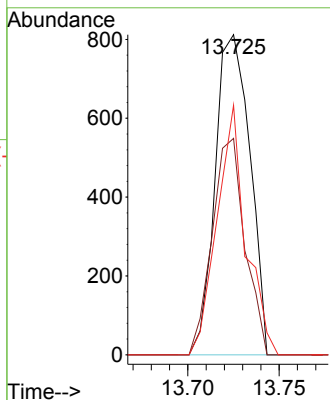
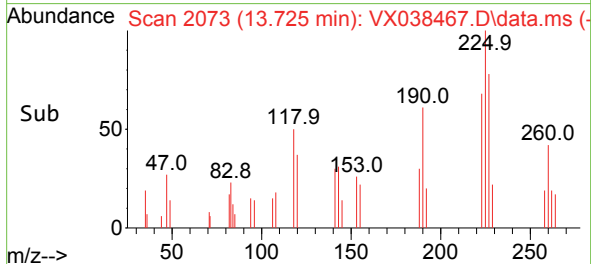


#94
Hexachlorobutadiene
Concen: 0.737 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13

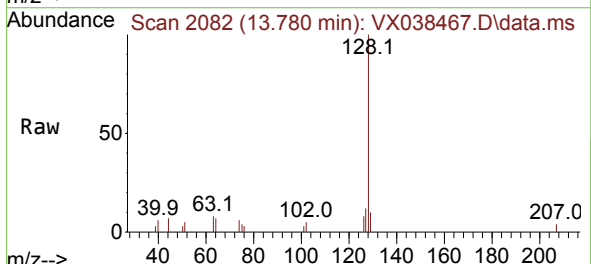
Instrument :
MSVOA_X
ClientSampleId :



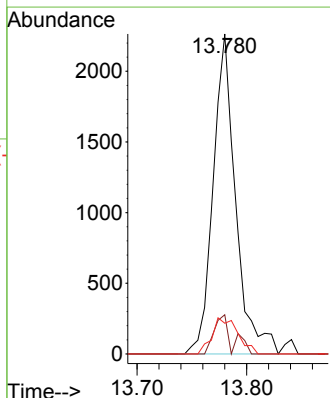
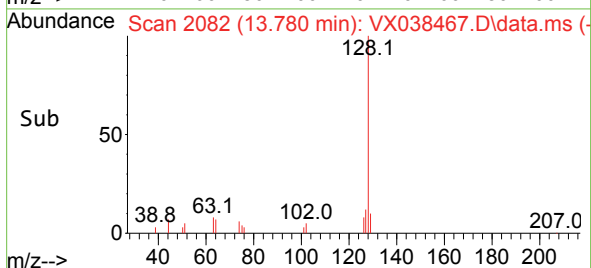
Tgt Ion:225 Resp: 1076
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.2
227 64.7 32.5 97.5

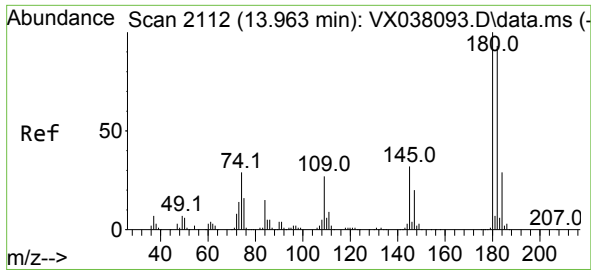


#95
Naphthalene
Concen: 0.256 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038467.D
Acq: 25 Oct 2023 10:13



Tgt Ion:128 Resp: 3231
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 12.9 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.313 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

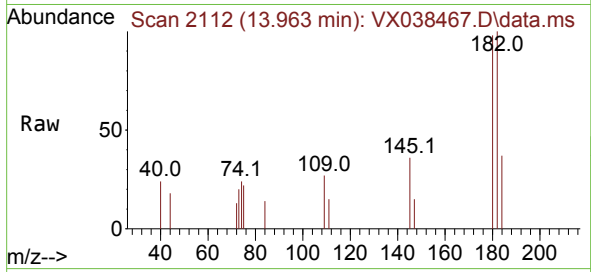
Lab File: VX038467.D

Acq: 25 Oct 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1101

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.6

145 36.0 17.8 53.5

