

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038098.D
 Acq On : 05 Oct 2023 13:27
 Operator : JC/MD
 Sample : VX1005MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 15:35:08 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

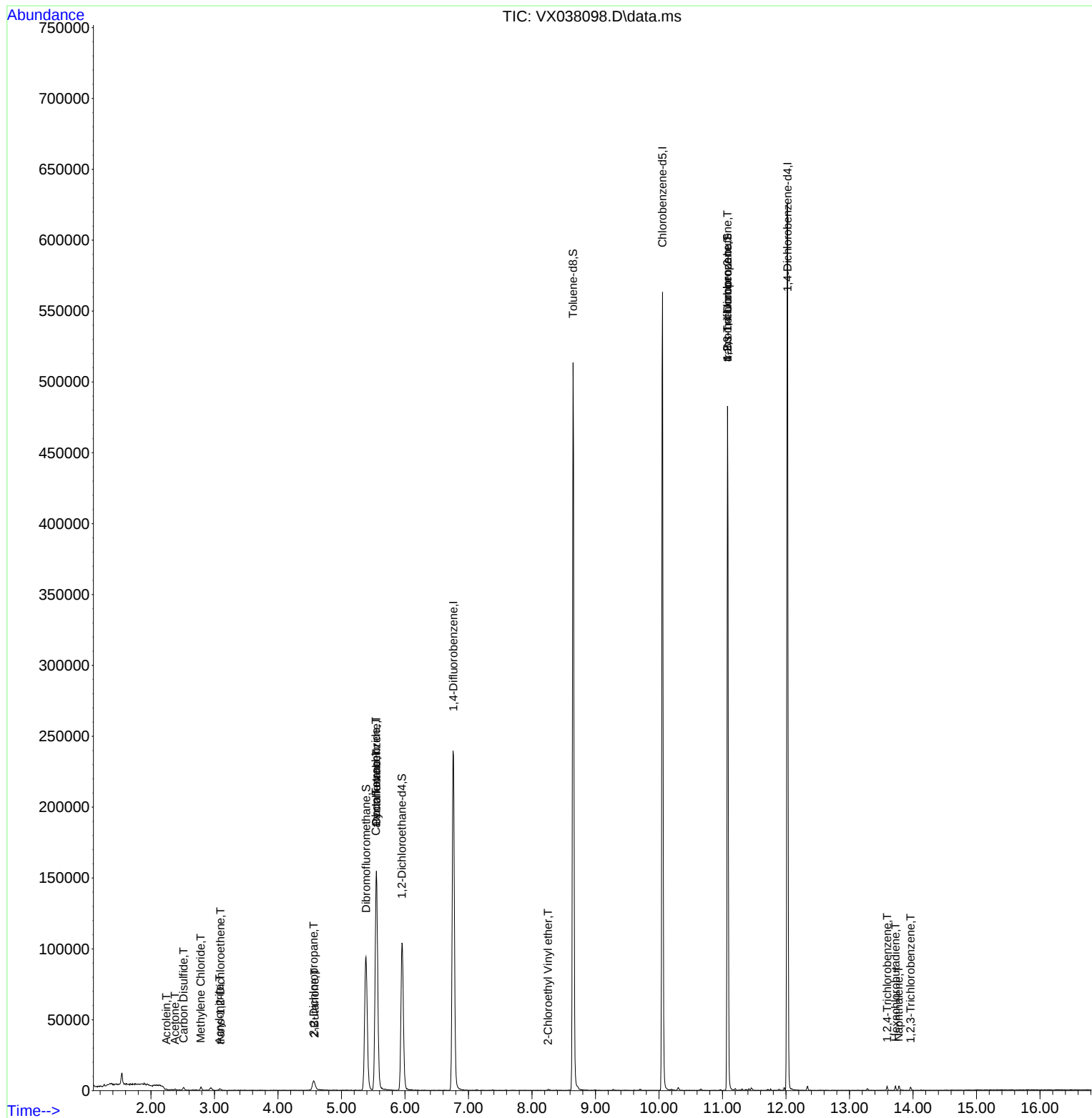
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	144203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102473	44.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.360%
35) Dibromofluoromethane	5.385	113	81207	45.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	298628	43.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.660%#
62) 4-Bromofluorobenzene	11.079	95	120562	46.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	221	Below Cal	#	3
6) Chloroethane	1.673	64	469	Below Cal	#	45
11) Tert butyl alcohol	2.953	59	1219	Below Cal	#	78
13) Acrolein	2.240	56	125	0.379	ug/l #	53
15) Acrylonitrile	3.081	53	473	0.448	ug/l #	81
16) Acetone	2.380	43	661	0.683	ug/l	95
17) Carbon Disulfide	2.514	76	2321	0.610	ug/l #	91
20) Methylene Chloride	2.782	84	992	0.545	ug/l #	76
21) trans-1,2-Dichloroethene	3.093	96	386	0.236	ug/l #	72
25) 2-Butanone	4.574	43	436	0.279	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	516	0.220	ug/l #	54
31) Cyclohexane	5.550	56	3633	1.446	ug/l #	24
38) Carbon Tetrachloride	5.544	117	15773	6.447	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.251	63	428	0.293	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	67195	23.375	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67195	66.780	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	791	0.295	ug/l	98
94) Hexachlorobutadiene	13.725	225	513	0.475	ug/l	89
95) Naphthalene	13.774	128	2585	0.277	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	706	0.272	ug/l	100

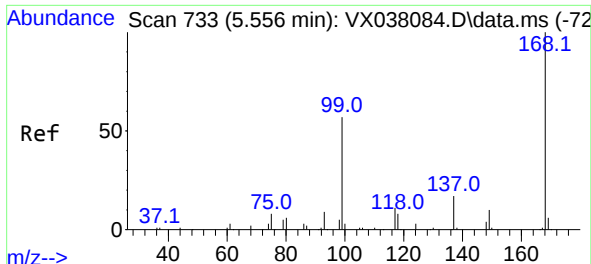
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
Data File : VX038098.D
Acq On : 05 Oct 2023 13:27
Operator : JC/MD
Sample : VX1005MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

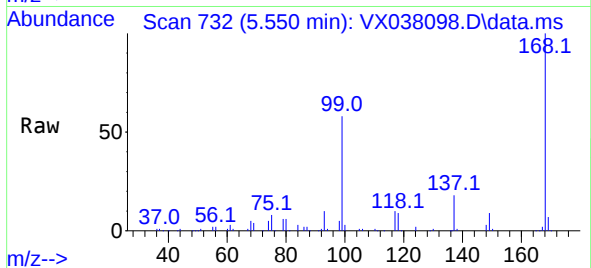
Quant Time: Oct 05 15:35:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



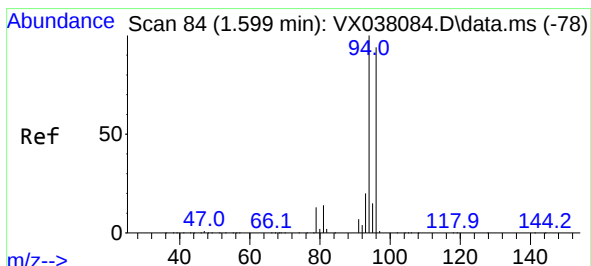
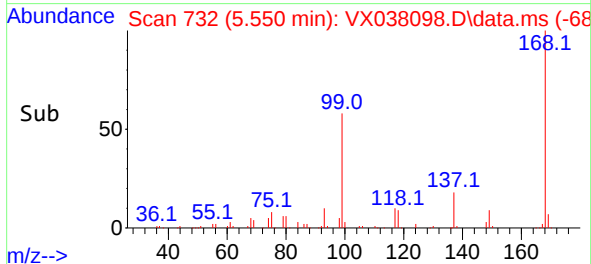
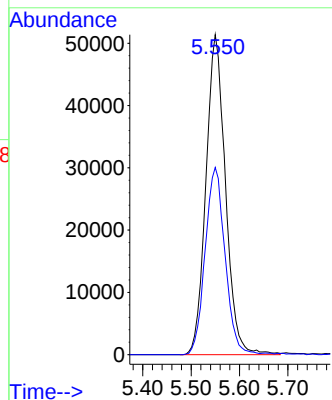


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

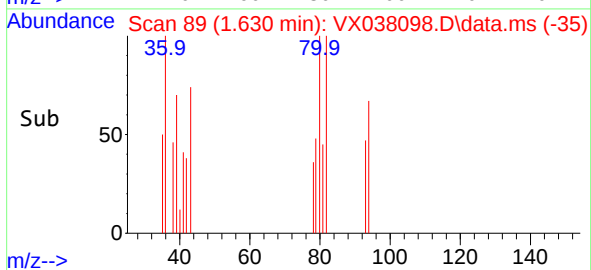
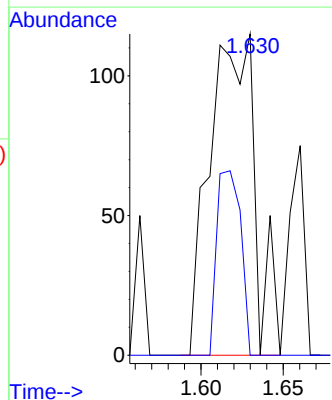
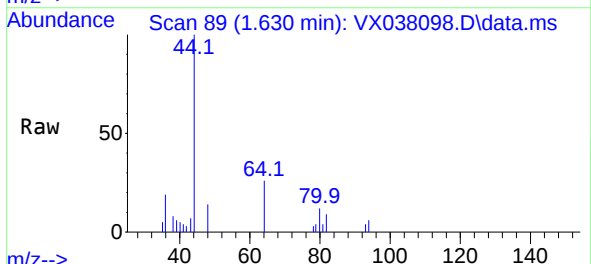


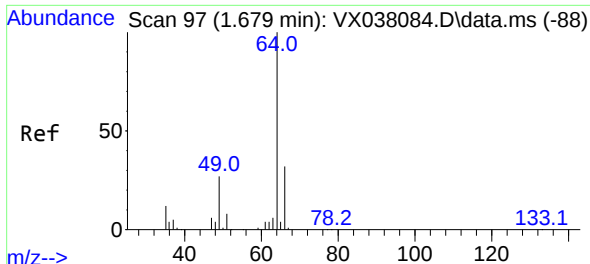
Tgt Ion:168 Resp: 144203
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

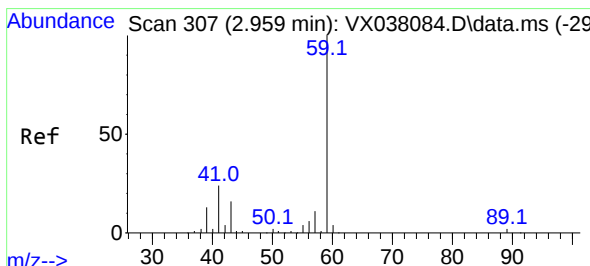
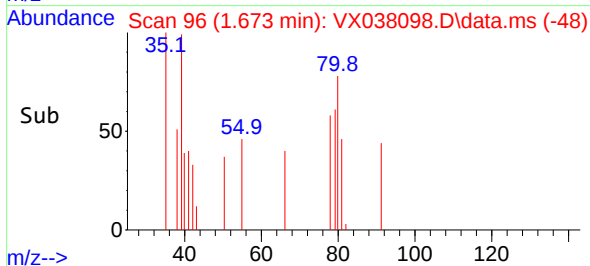
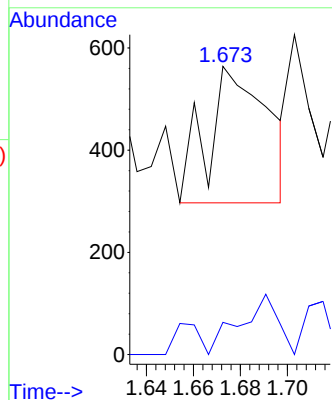
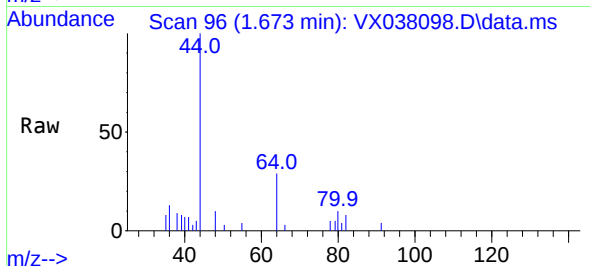




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

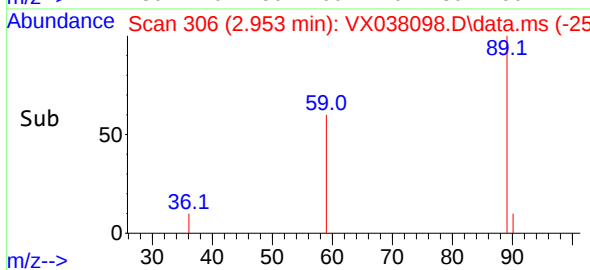
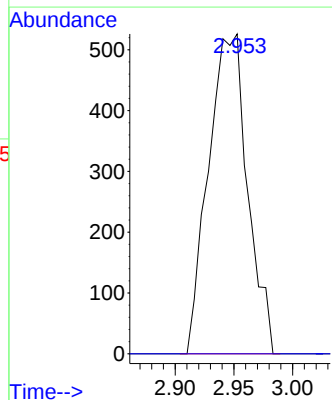
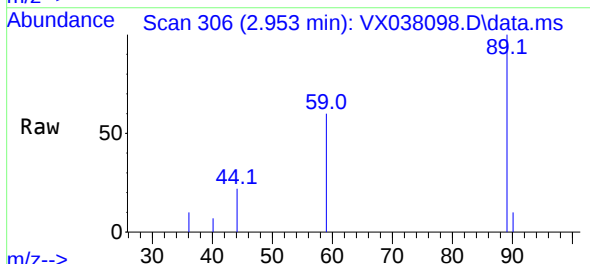
Instrument :
MSVOA_X
ClientSampleId :

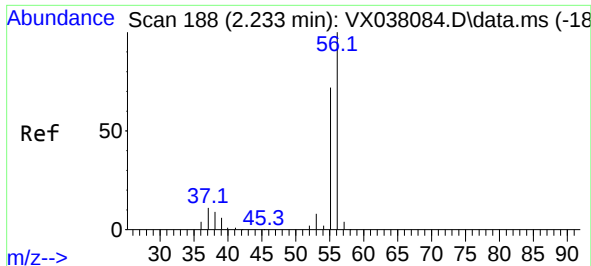
Tgt Ion: 64 Resp: 469
Ion Ratio Lower Upper
64 100
66 1.1 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion: 59 Resp: 1219
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

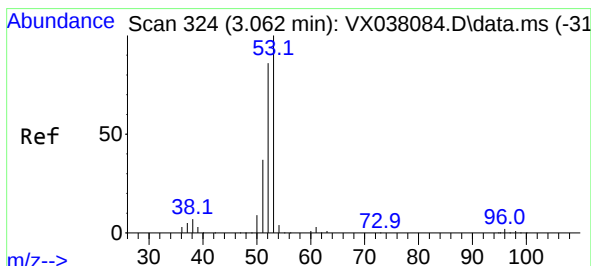
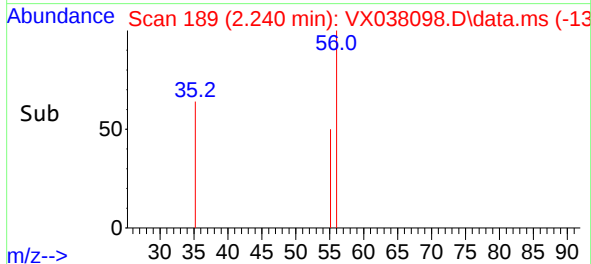
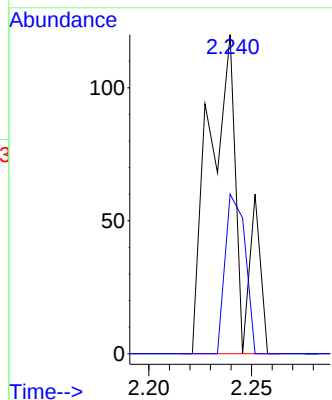
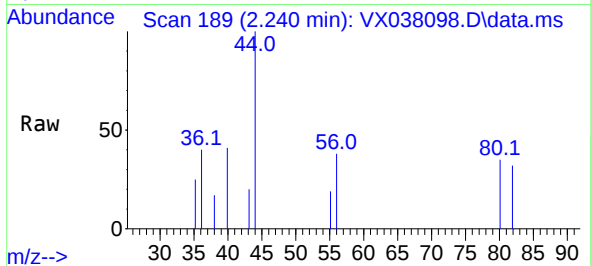




#13
Acrolein
Concen: 0.379 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

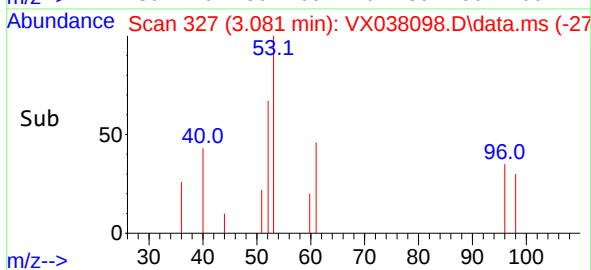
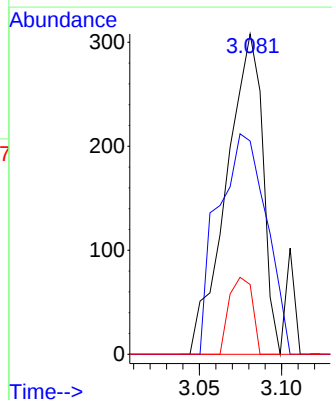
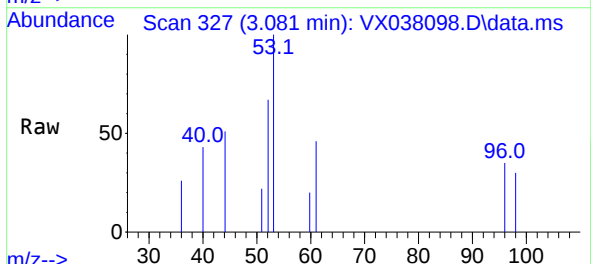
Instrument :
MSVOA_X
ClientSampleId :

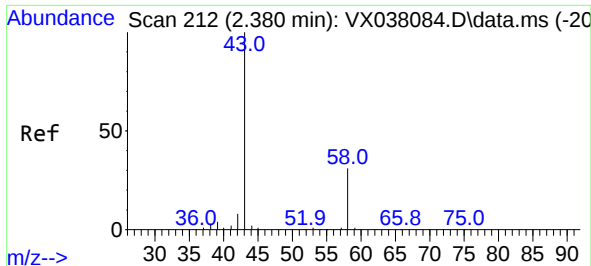
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 32.8 57.1 85.7#



#15
Acrylonitrile
Concen: 0.448 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.019 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion: 53 Resp: 473
Ion Ratio Lower Upper
53 100
52 92.2 66.0 99.0
51 15.4 29.8 44.6#

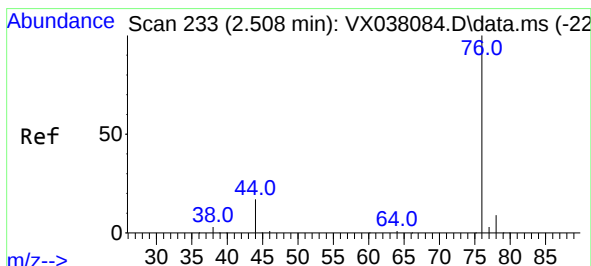
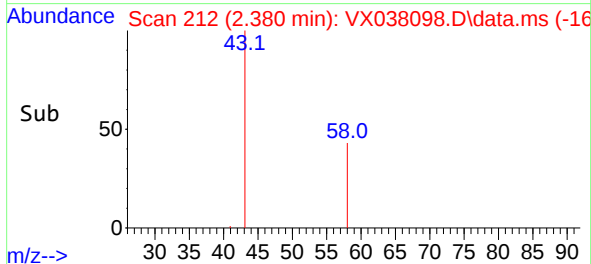
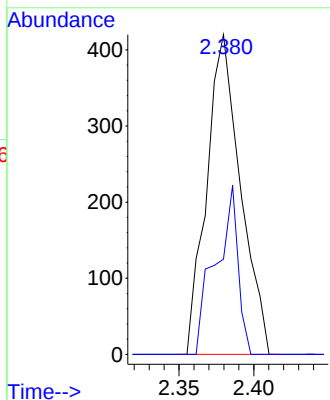
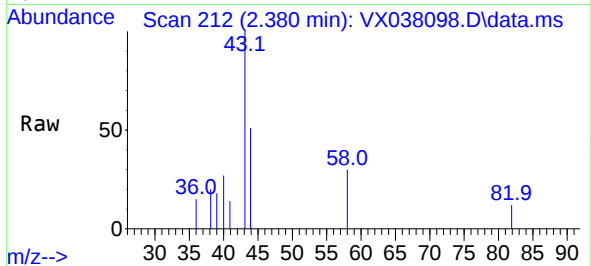




#16
Acetone
Concen: 0.683 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

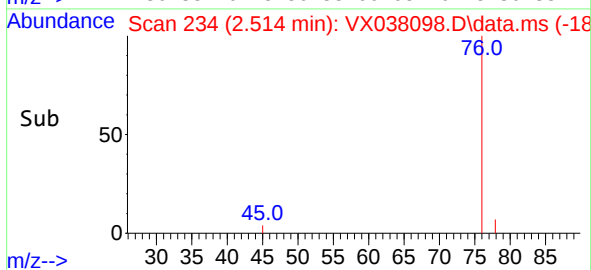
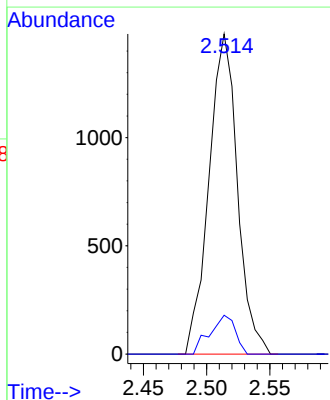
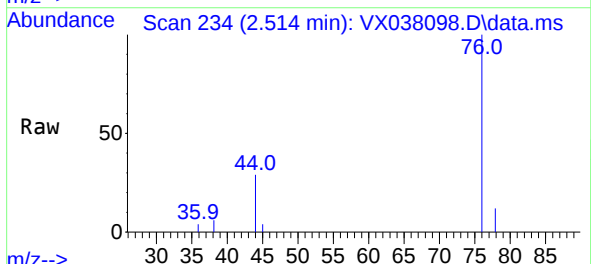
Instrument :
MSVOA_X
ClientSampleId :

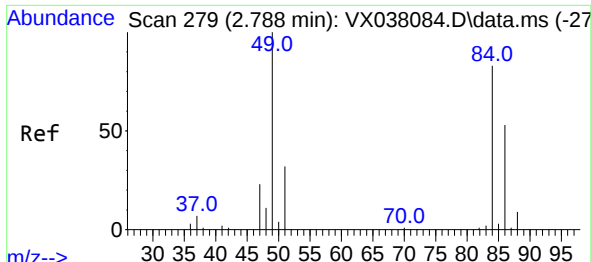
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.610 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion: 76 Resp: 2321
Ion Ratio Lower Upper
76 100
78 12.1 7.0 10.6#





#20

Methylene Chloride

Concen: 0.545 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

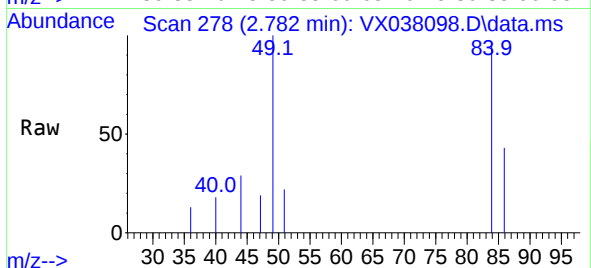
Lab File: VX038098.D

Acq: 05 Oct 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 992

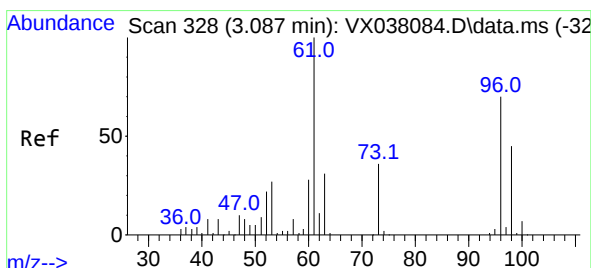
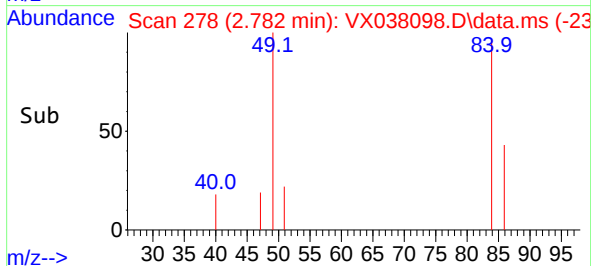
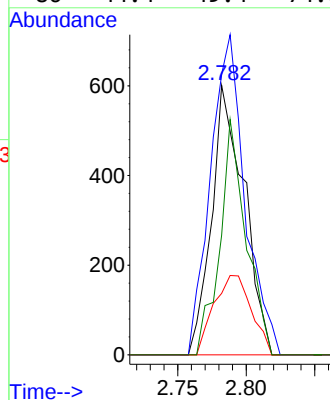
Ion Ratio Lower Upper

84 100

49 104.0 103.6 155.4

51 22.8 33.8 50.6#

86 44.4 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.236 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX038098.D

Acq: 05 Oct 2023 13:27

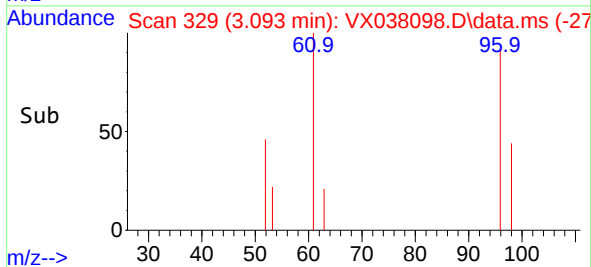
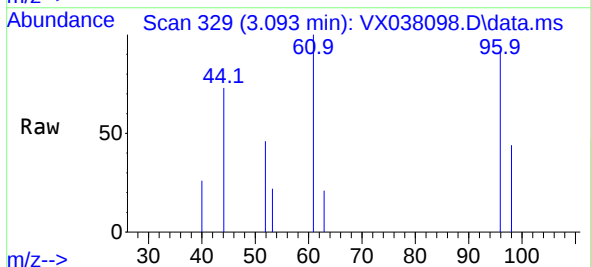
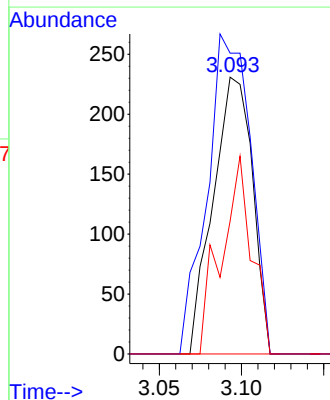
Tgt Ion: 96 Resp: 386

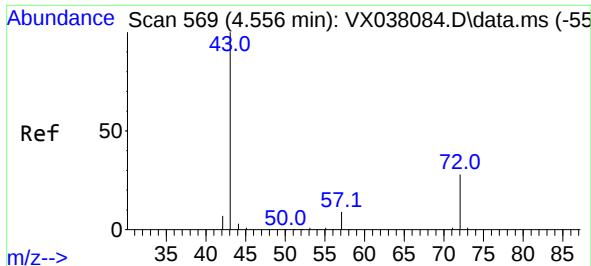
Ion Ratio Lower Upper

96 100

61 108.7 119.2 178.8#

98 48.1 48.7 73.1#





#25

2-Butanone

Concen: 0.279 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX038098.D

Acq: 05 Oct 2023 13:27

Instrument :

MSVOA_X

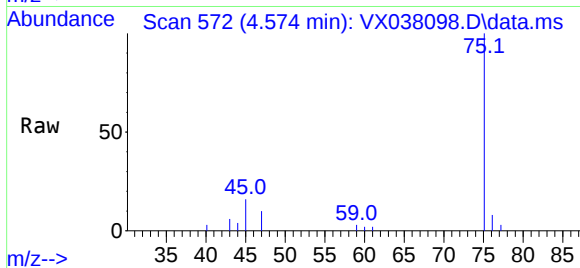
ClientSampleId :

Tgt Ion: 43 Resp: 436

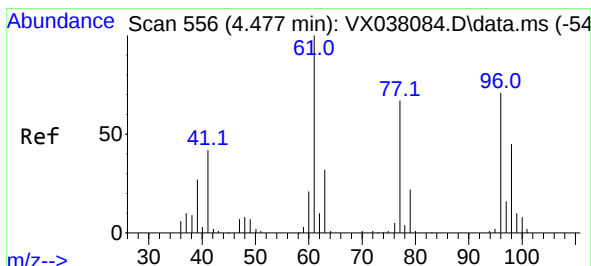
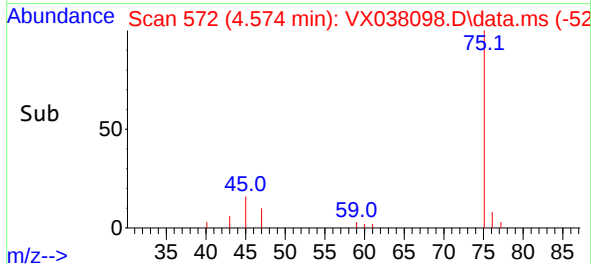
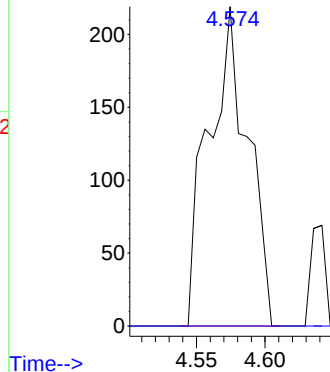
Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



Abundance



#26

2,2-Dichloropropane

Concen: 0.220 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX038098.D

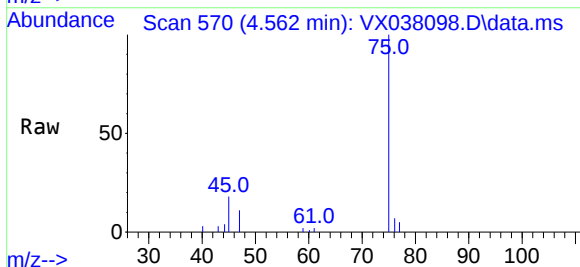
Acq: 05 Oct 2023 13:27

Tgt Ion: 77 Resp: 516

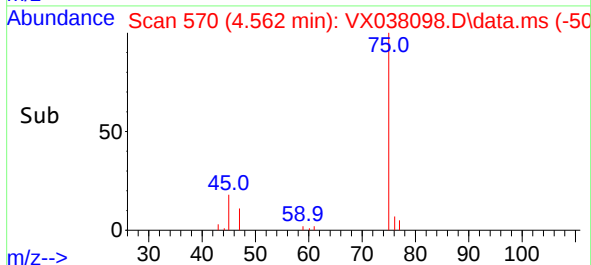
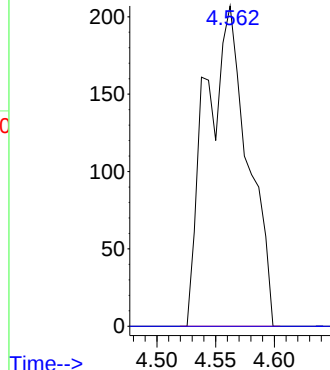
Ion Ratio Lower Upper

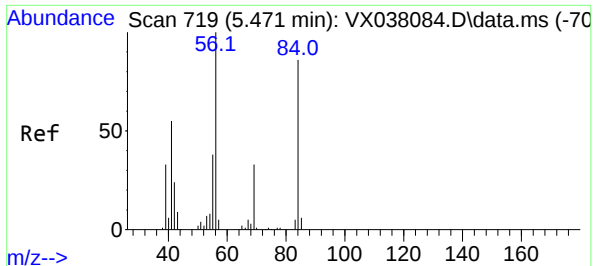
77 100

97 0.0 10.8 32.3#



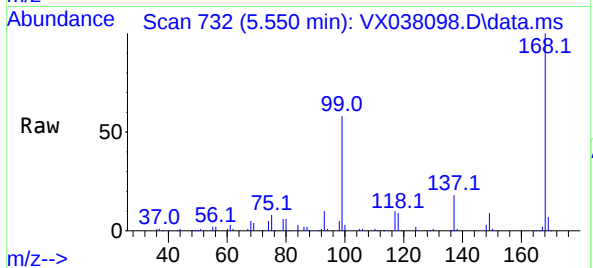
Abundance



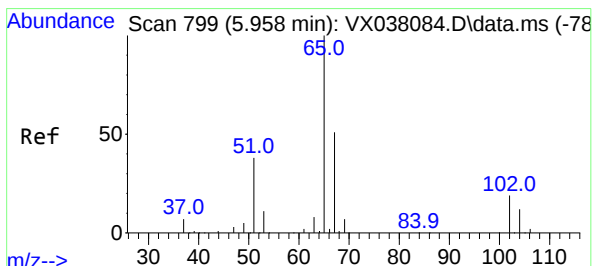
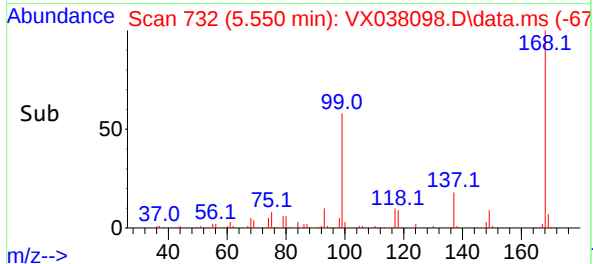
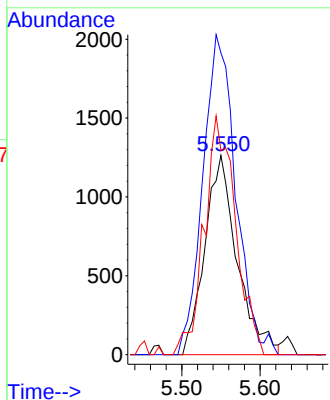


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

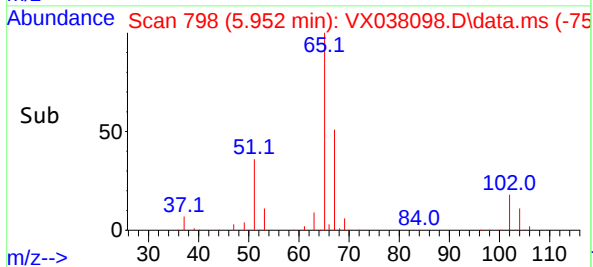
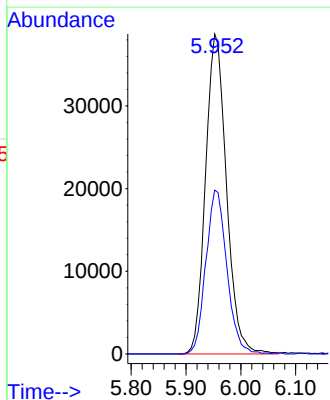
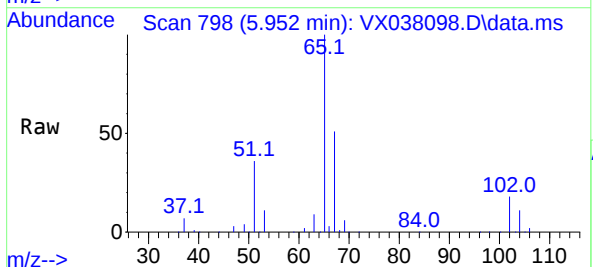


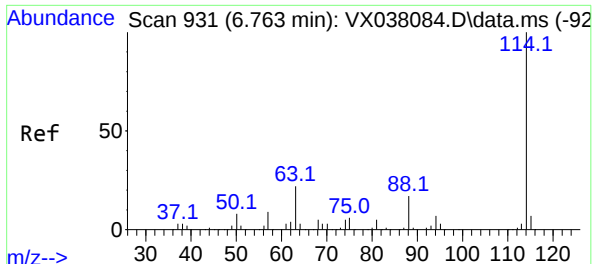
Tgt Ion: 56 Resp: 3633
Ion Ratio Lower Upper
56 100
69 151.5 23.4 35.2#
84 102.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.181 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

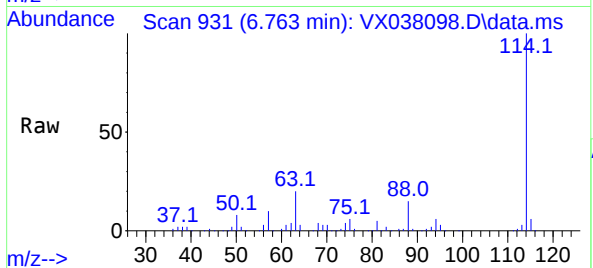
Tgt Ion: 65 Resp: 102473
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



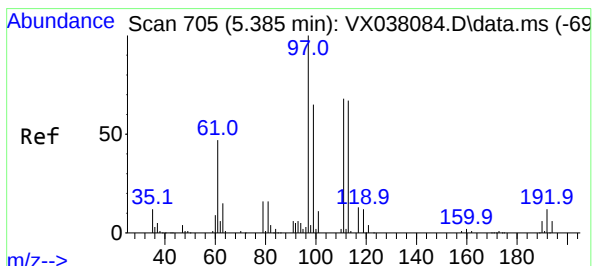
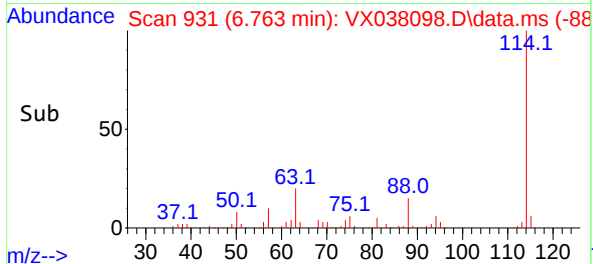
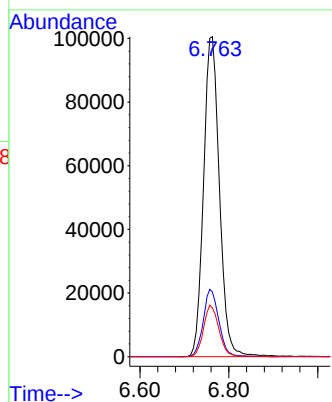


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

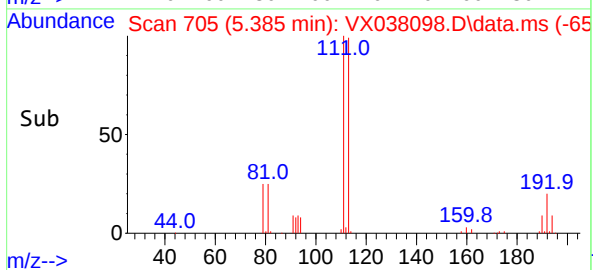
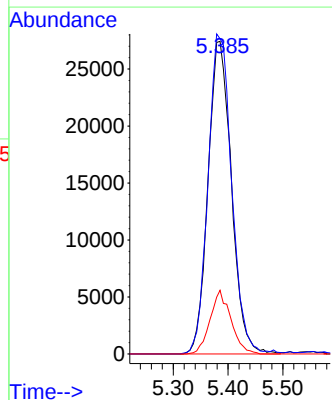
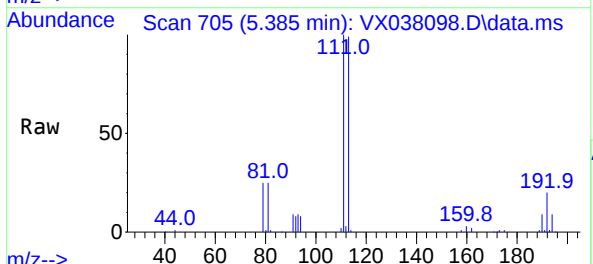


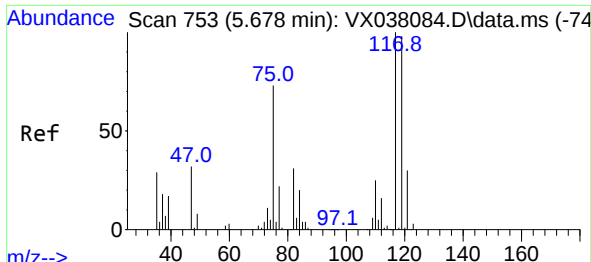
Tgt Ion:114 Resp: 250303
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.025 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

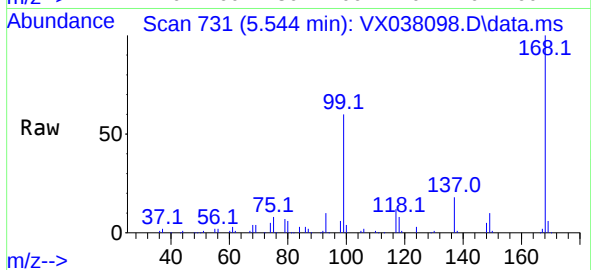
Tgt Ion:113 Resp: 81207
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.2 13.3 19.9



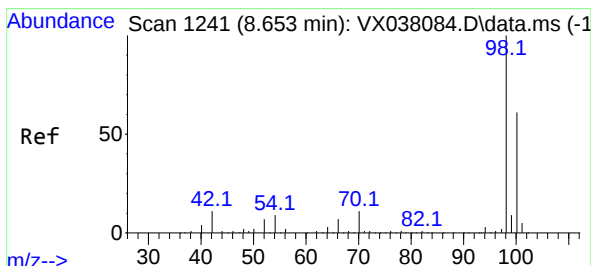
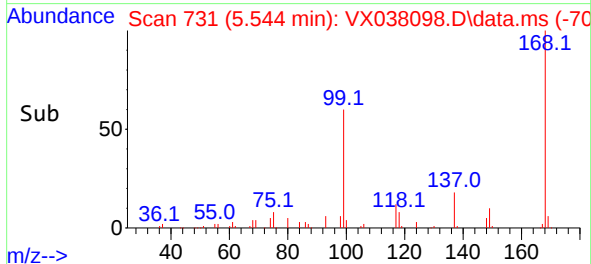
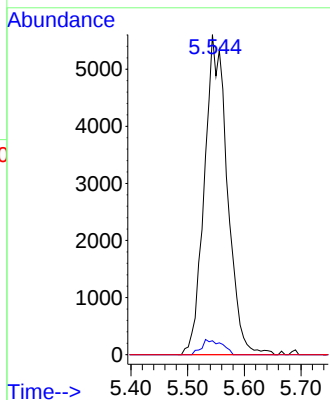


#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

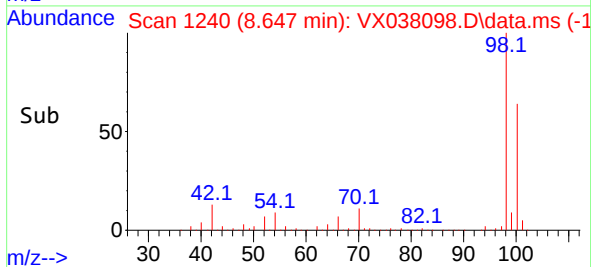
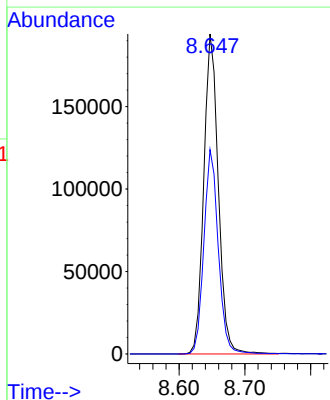
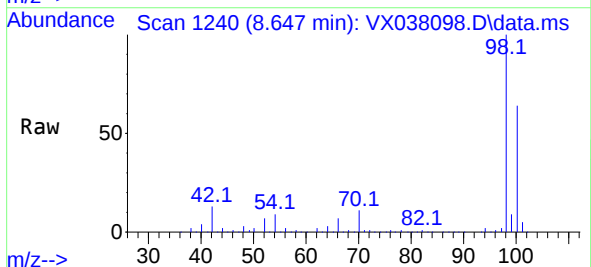


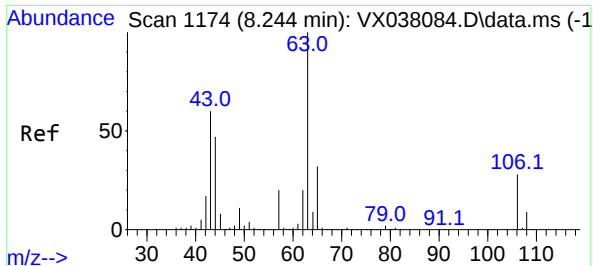
Tgt Ion:117 Resp: 15773
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.330 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion: 98 Resp: 298628
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

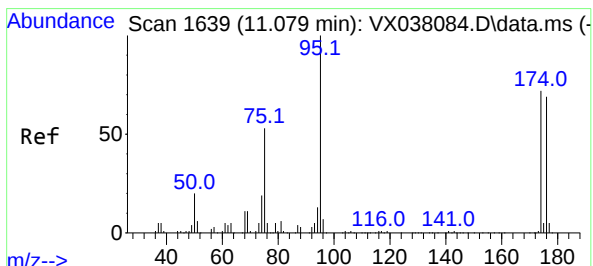
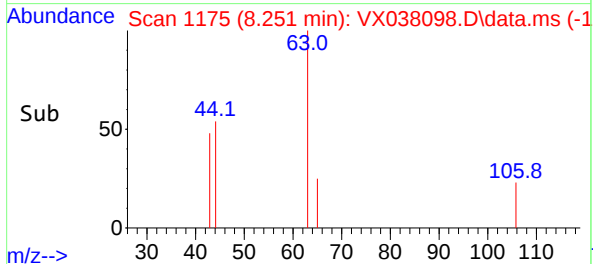
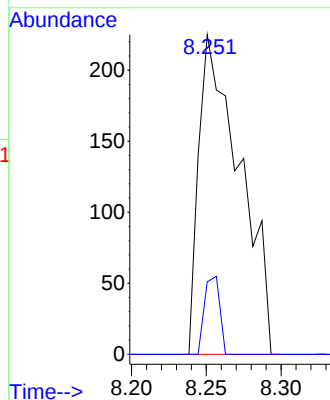
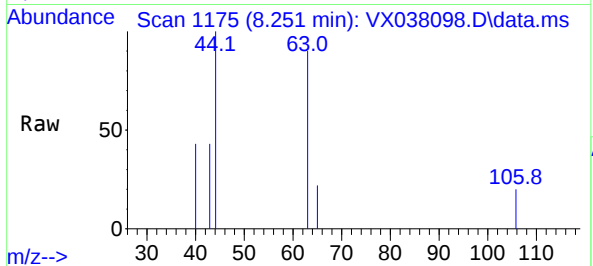




#58
2-Chloroethyl Vinyl ether
Concen: 0.293 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

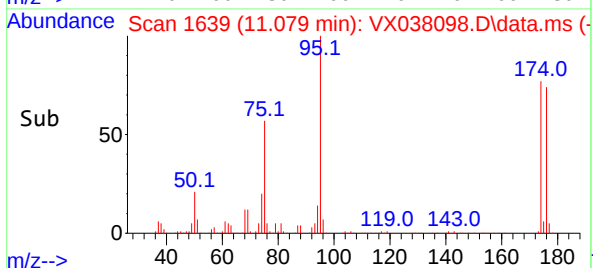
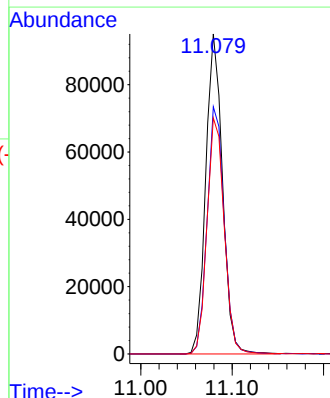
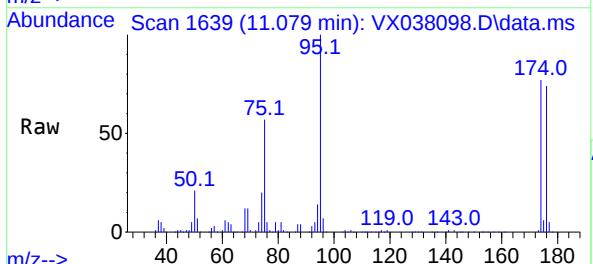
Instrument :
MSVOA_X
ClientSampleId :

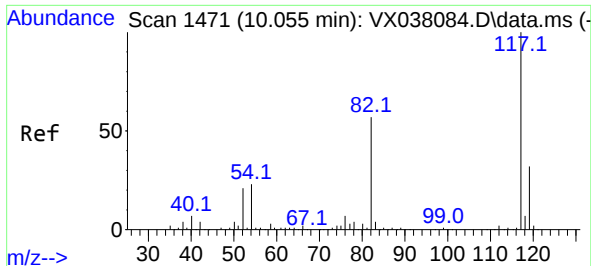
Tgt Ion: 63 Resp: 428
Ion Ratio Lower Upper
63 100
106 9.1 22.5 33.7#



#62
4-Bromofluorobenzene
Concen: 46.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

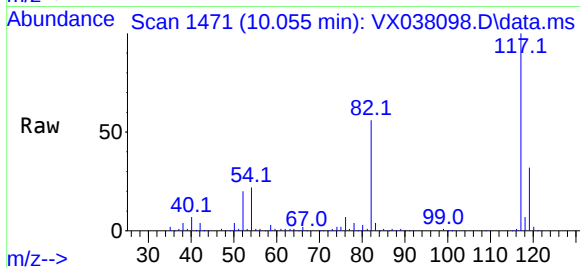
Tgt Ion: 95 Resp: 120562
Ion Ratio Lower Upper
95 100
174 78.5 0.0 135.6
176 75.8 0.0 131.0



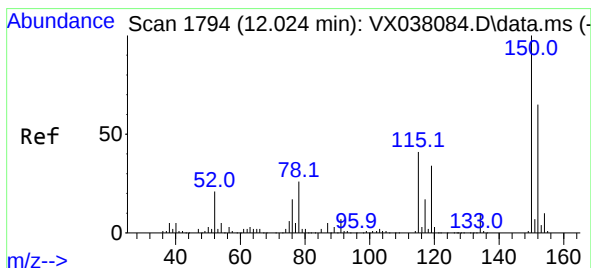
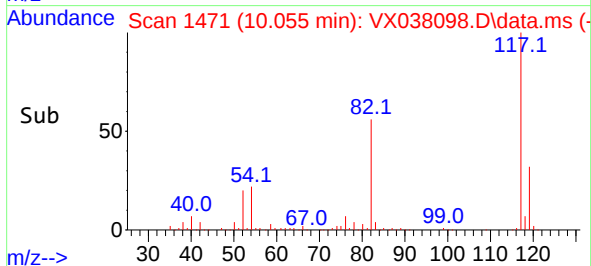
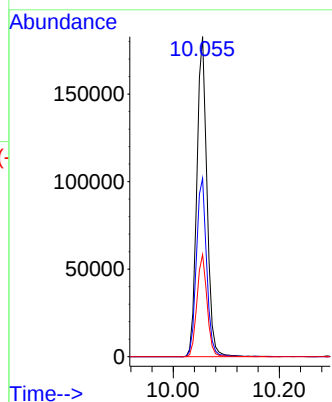


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

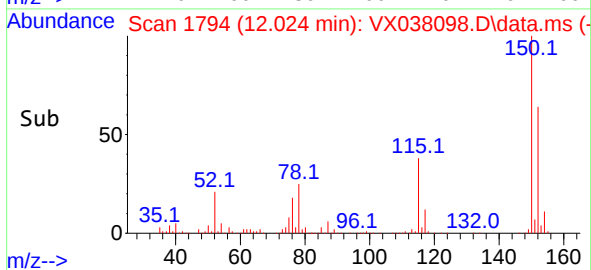
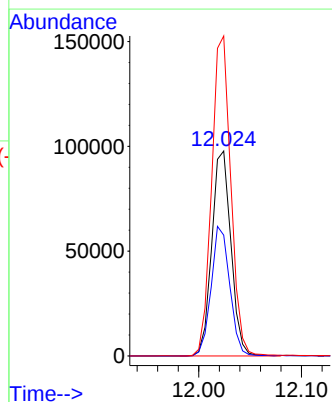
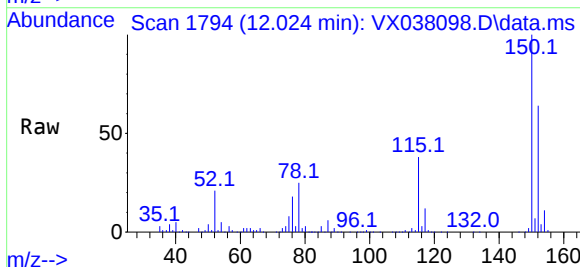


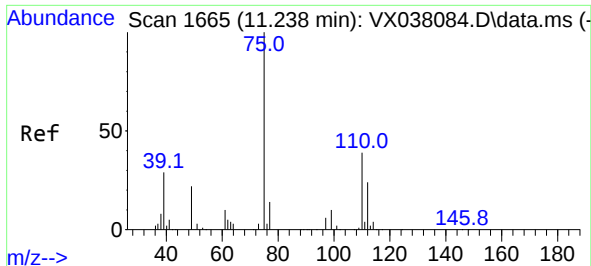
Tgt Ion:117 Resp: 242614
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion:152 Resp: 126451
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 156.6 0.0 345.0

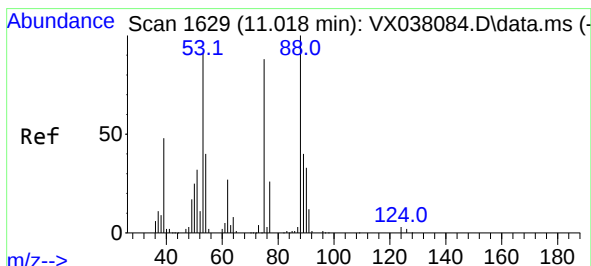
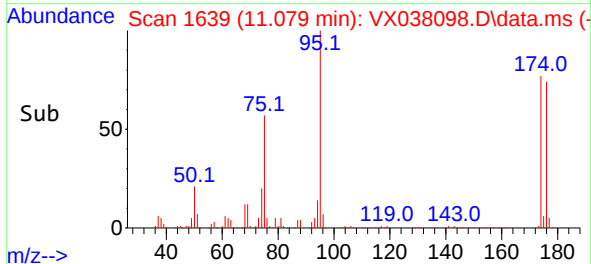
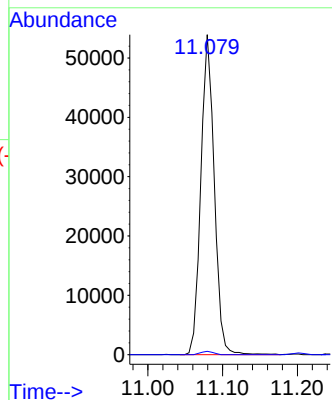
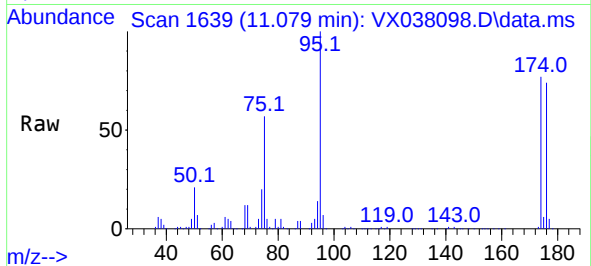




#76
1,2,3-Trichloropropane
Concen: 23.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

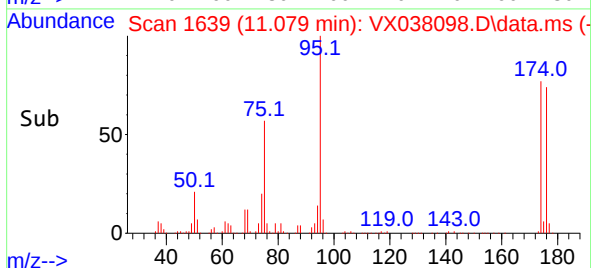
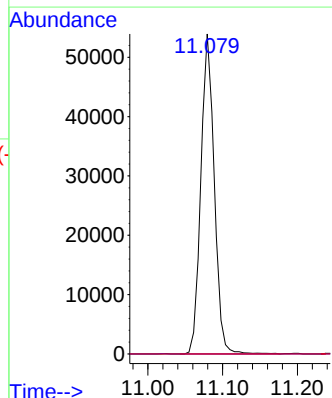
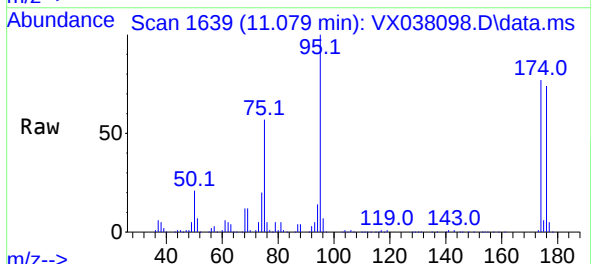
Instrument :
MSVOA_X
ClientSampleId :

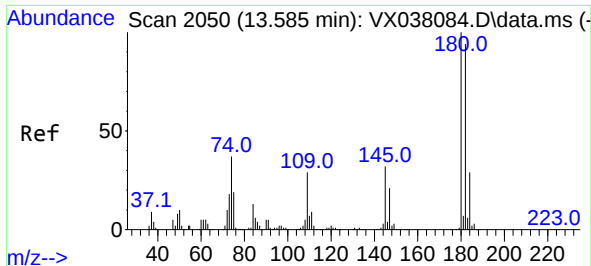
Tgt Ion: 75 Resp: 67195
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

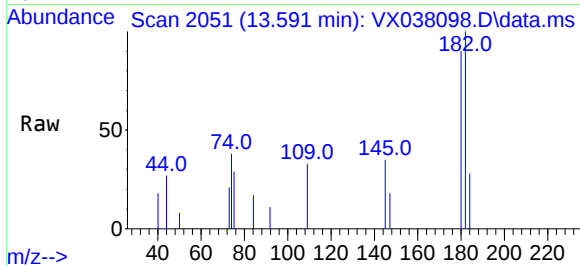
Tgt Ion: 75 Resp: 67195
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



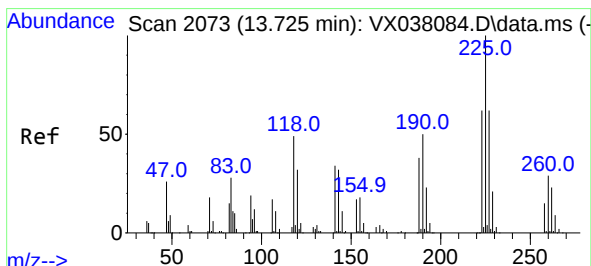
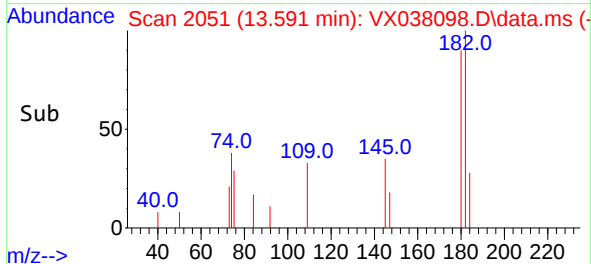
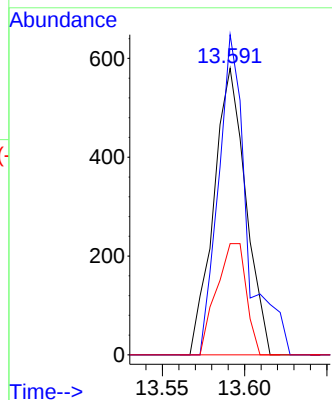


#93
1,2,4-Trichlorobenzene
Concen: 0.295 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

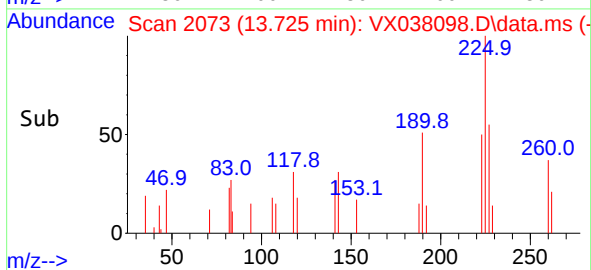
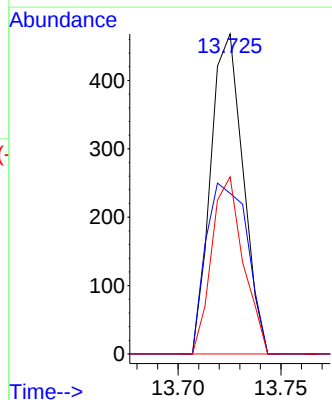
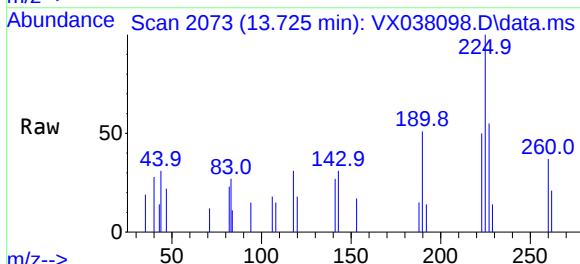


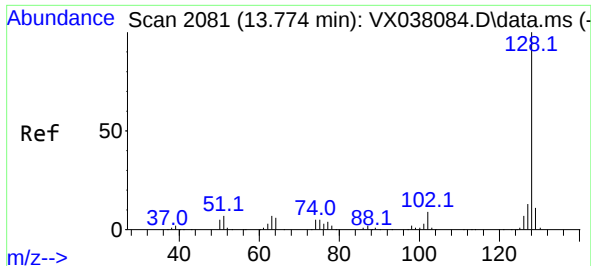
Tgt Ion:180 Resp: 791
Ion Ratio Lower Upper
180 100
182 98.7 48.3 144.8
145 35.7 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.475 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

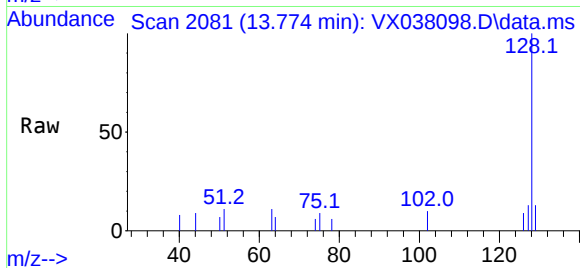
Tgt Ion:225 Resp: 513
Ion Ratio Lower Upper
225 100
223 68.2 31.1 93.2
227 54.2 32.5 97.5



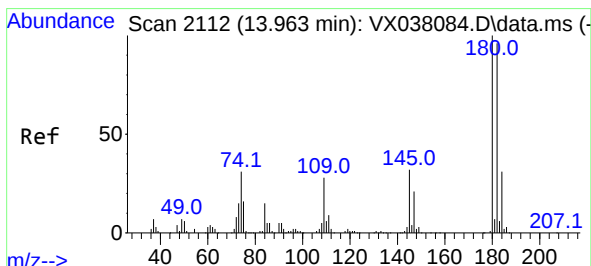
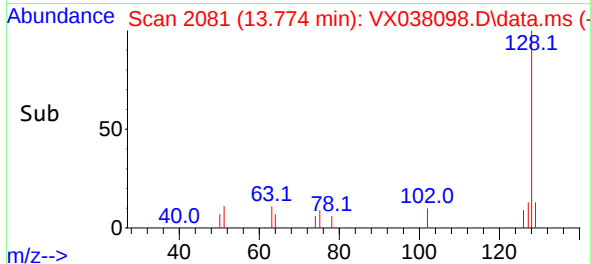
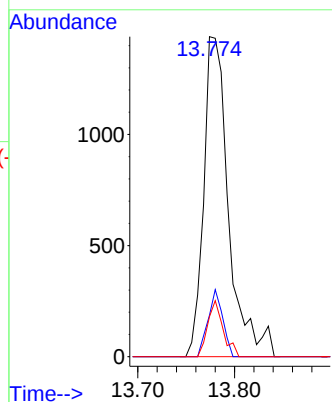


#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2585
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.272 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038098.D
Acq: 05 Oct 2023 13:27

Tgt Ion:180 Resp: 706
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 36.1 17.8 53.5

