

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038590.D
 Acq On : 27 Oct 2023 10:05
 Operator : JC/MD
 Sample : VX1027MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:25:47 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

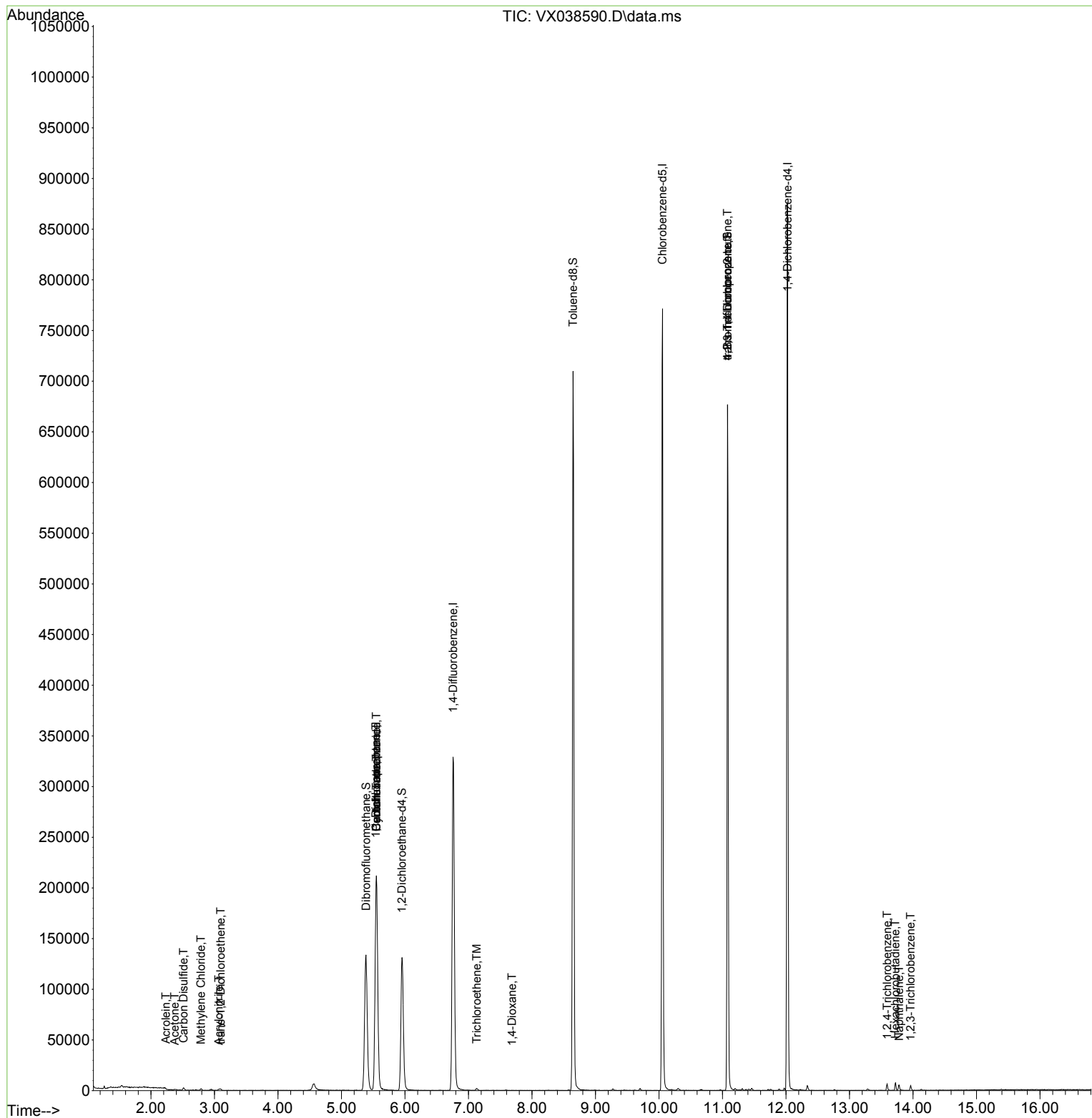
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	212844	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	358991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128110	37.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	74.840%#
35) Dibromofluoromethane	5.385	113	117459	45.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	8.647	98	430237	43.526	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.060%#
62) 4-Bromofluorobenzene	11.079	95	172271	45.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	474	Below Cal	#	74
6) Chloroethane	1.660	64	134	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	717	Below Cal	#	78
13) Acrolein	2.233	56	257	0.528	ug/l	95
15) Acrylonitrile	3.069	53	900	0.578	ug/l	# 63
16) Acetone	2.374	43	792	0.554	ug/l	98
17) Carbon Disulfide	2.514	76	2649	0.472	ug/l	# 89
20) Methylene Chloride	2.788	84	757	0.282	ug/l	# 73
21) trans-1,2-Dichloroethene	3.099	96	589	0.244	ug/l	# 67
31) Cyclohexane	5.550	56	4014	1.082	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	15374	4.310	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21040	5.996	ug/l	# 14
44) Trichloroethene	7.129	130	888	0.340	ug/l	68
49) 1,4-Dioxane	7.684	88	35	0.470	ug/l	# 12
76) 1,2,3-Trichloropropane	11.079	75	88466	19.526	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	88466	56.449	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	2127	0.503	ug/l	84
94) Hexachlorobutadiene	13.719	225	1055	0.620	ug/l	93
95) Naphthalene	13.780	128	4458	0.303	ug/l	# 95
96) 1,2,3-Trichlorobenzene	13.963	180	1422	0.348	ug/l	96

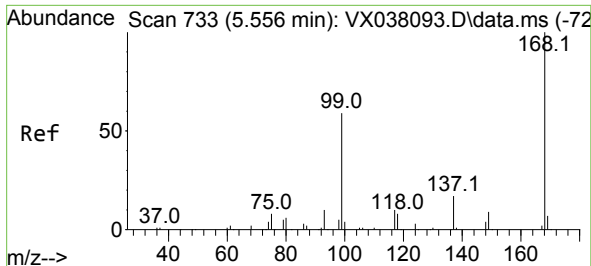
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 30 01:25:47 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

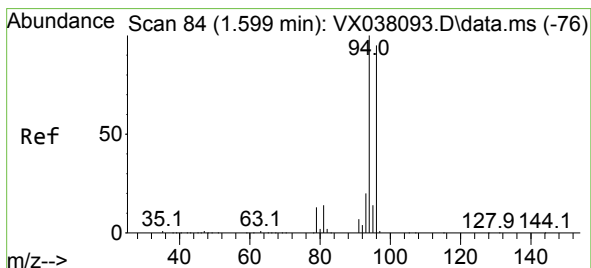
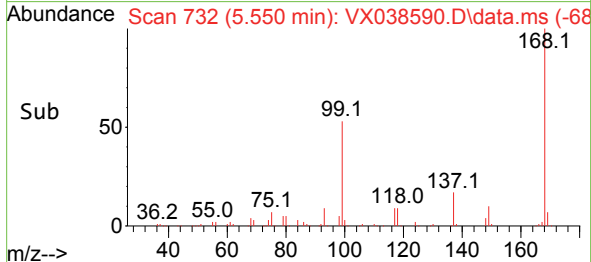
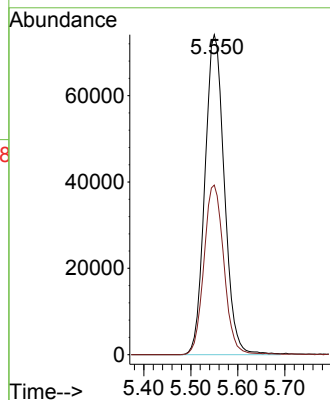
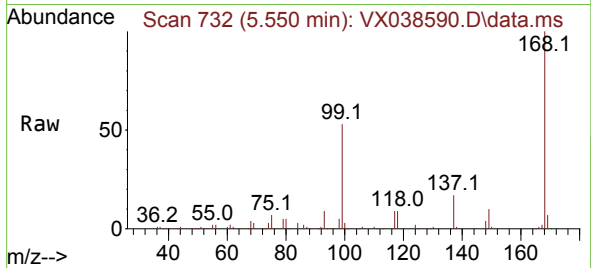




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

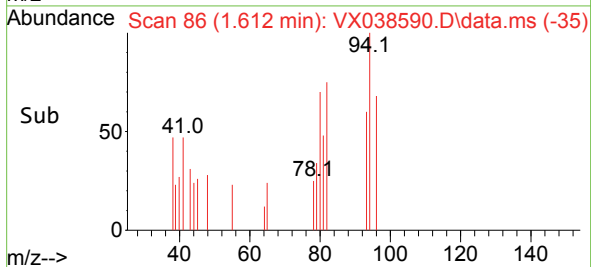
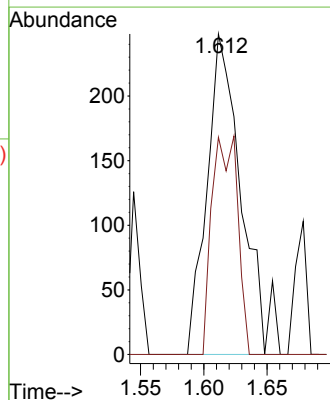
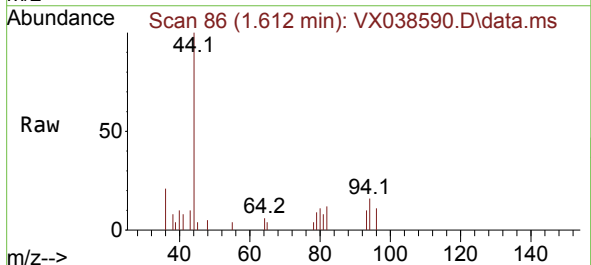
Instrument :
MSVOA_X
ClientSampleId :

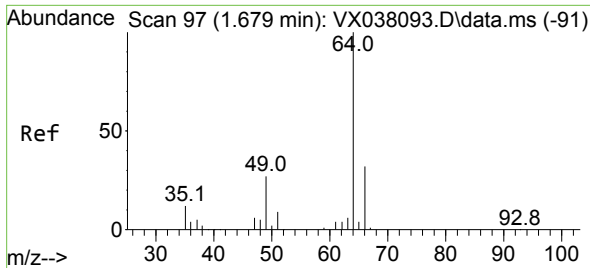
Tgt Ion:168 Resp: 212844
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

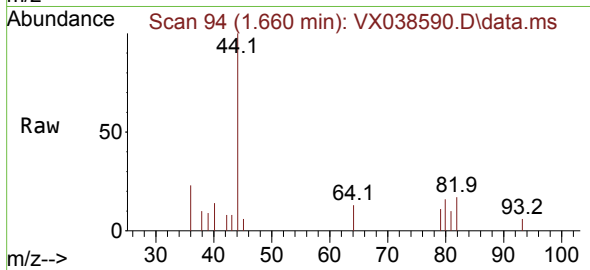
Tgt Ion: 94 Resp: 474
Ion Ratio Lower Upper
94 100
96 67.7 74.6 111.8#



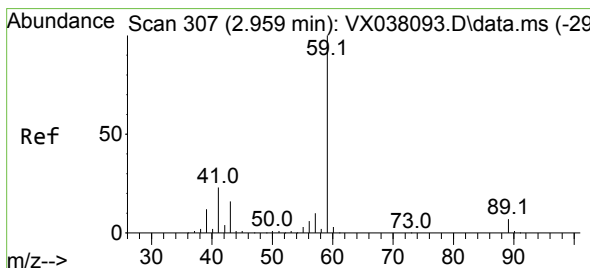
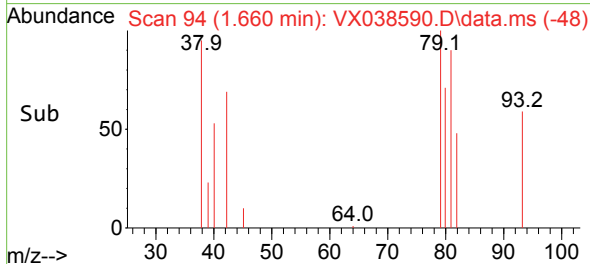
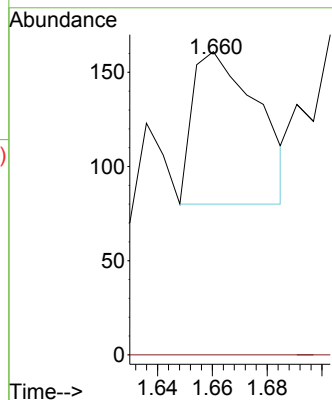


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

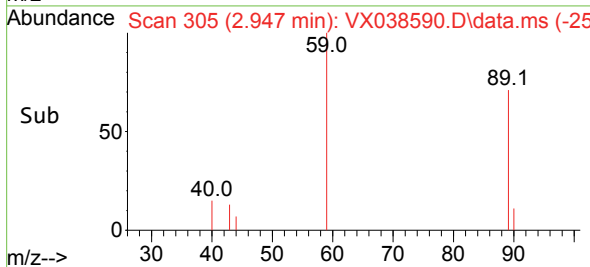
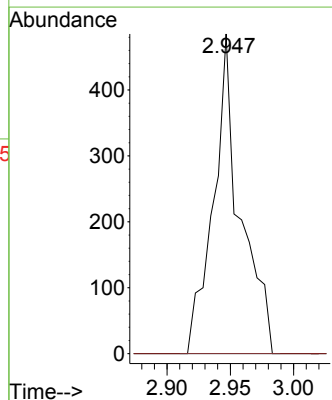
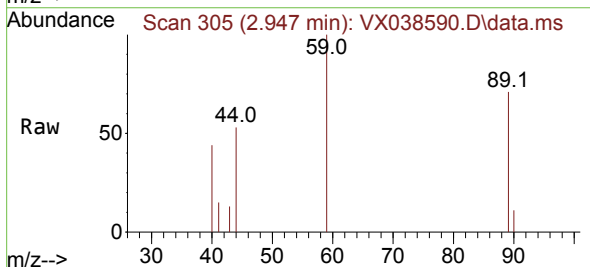


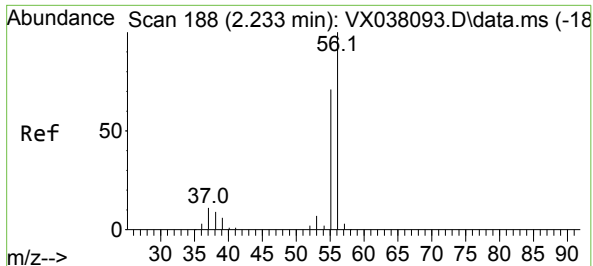
Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.528 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

Instrument :

MSVOA_X

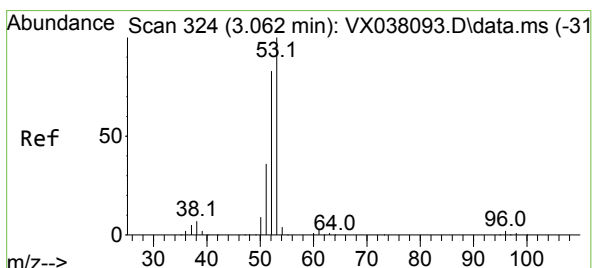
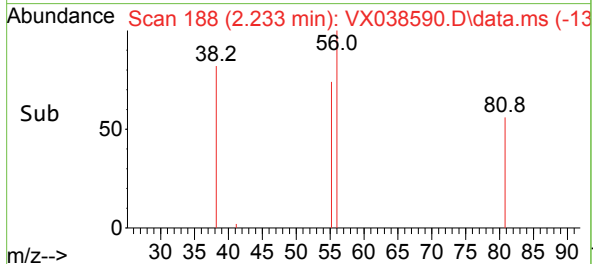
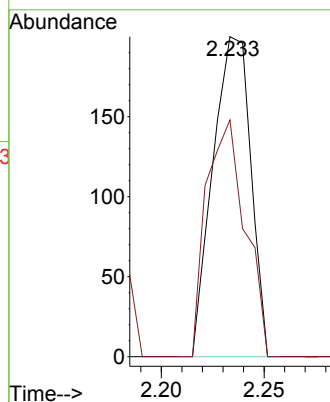
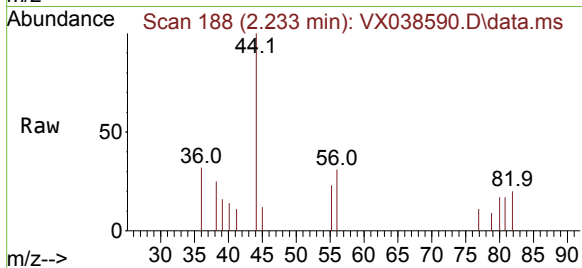
ClientSampleId :

Tgt Ion: 56 Resp: 257

Ion Ratio Lower Upper

56 100

55 75.9 57.1 85.7



#15

Acrylonitrile

Concen: 0.578 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.007 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

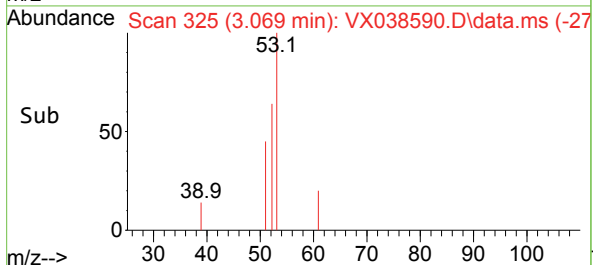
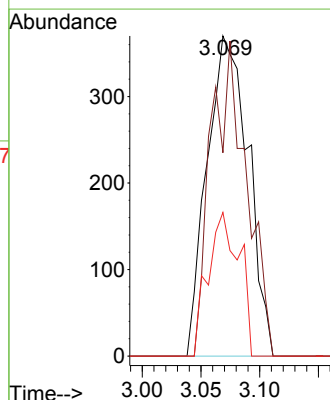
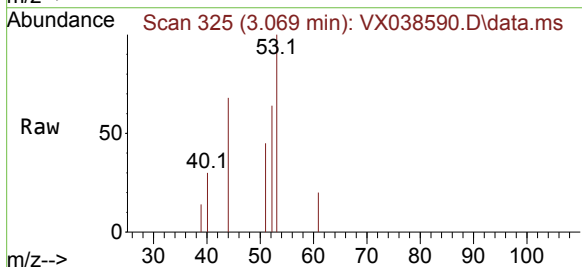
Tgt Ion: 53 Resp: 900

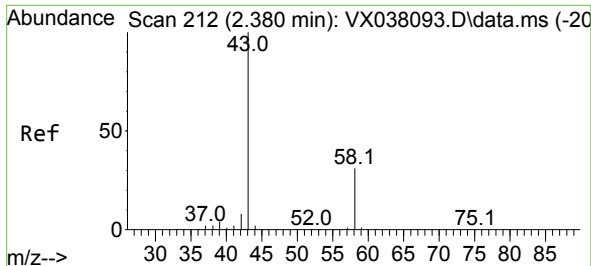
Ion Ratio Lower Upper

53 100

52 36.2 66.0 99.0#

51 34.3 29.8 44.6

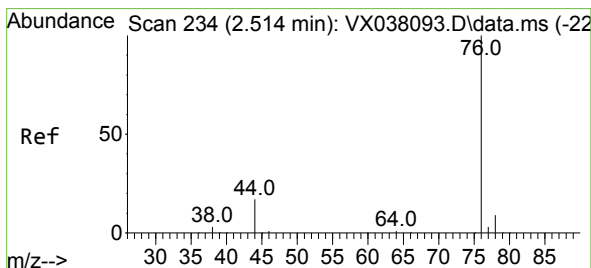
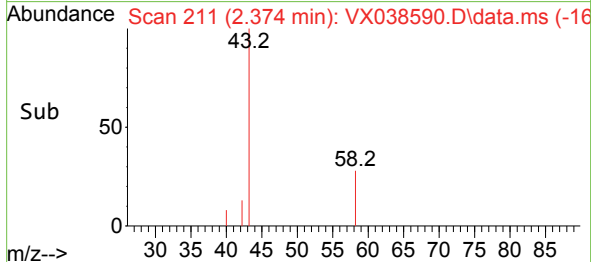
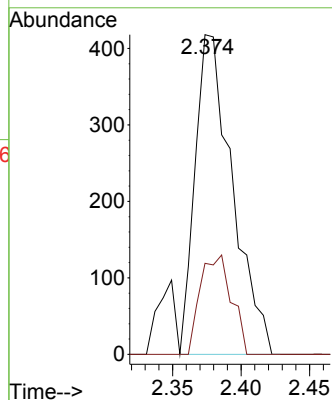
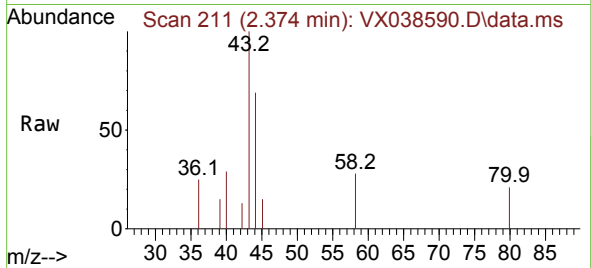




#16
Acetone
Concen: 0.554 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

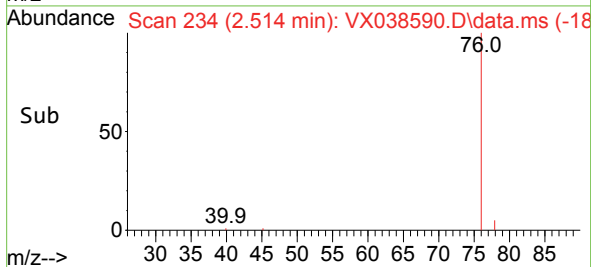
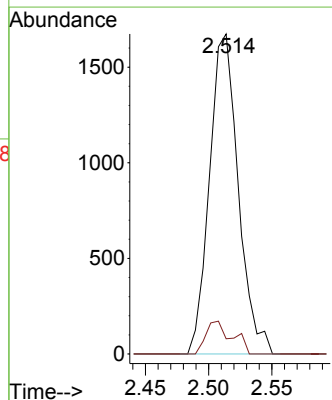
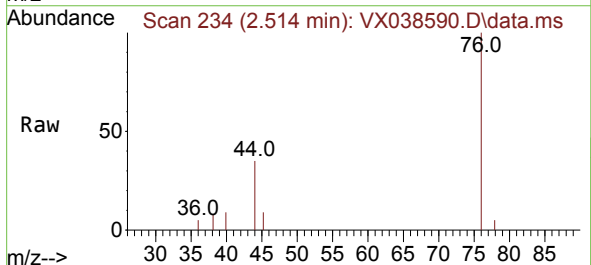
Instrument :
MSVOA_X
ClientSampleId :

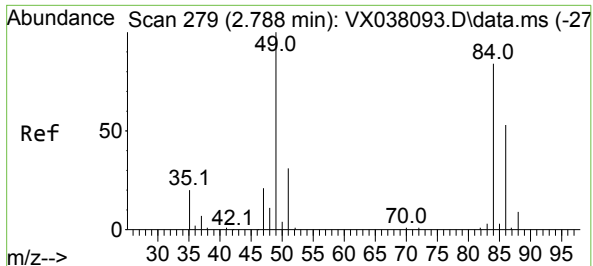
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.472 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Tgt Ion: 76 Resp: 2649
Ion Ratio Lower Upper
76 100
78 4.8 7.0 10.6#





#20

Methylene Chloride

Concen: 0.282 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

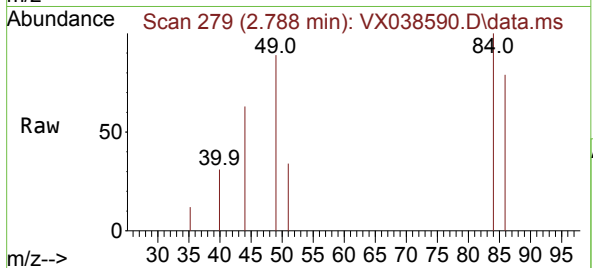
Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 757

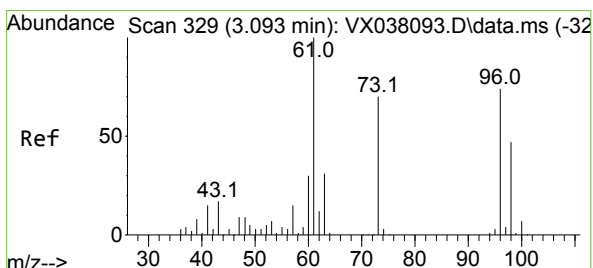
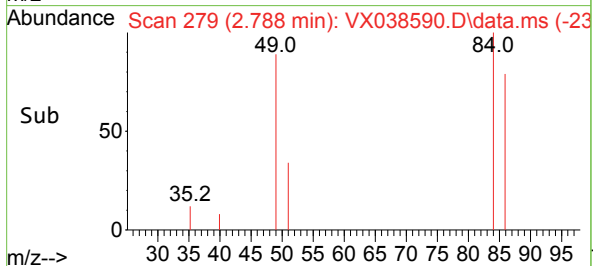
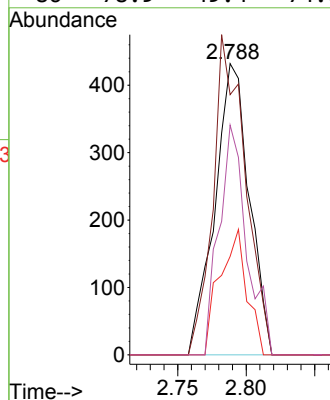
Ion Ratio Lower Upper

84 100

49 89.4 103.6 155.4#

51 33.8 33.8 50.6

86 78.9 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.244 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.012 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

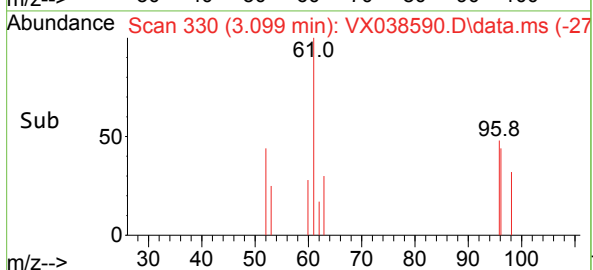
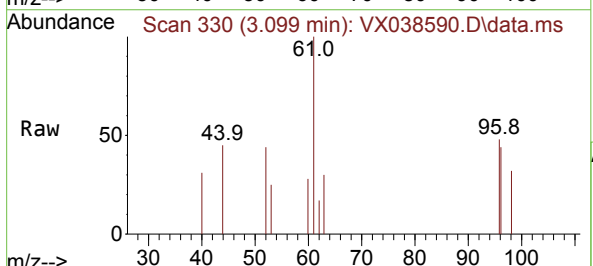
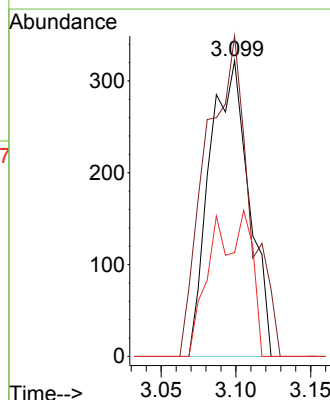
Tgt Ion: 96 Resp: 589

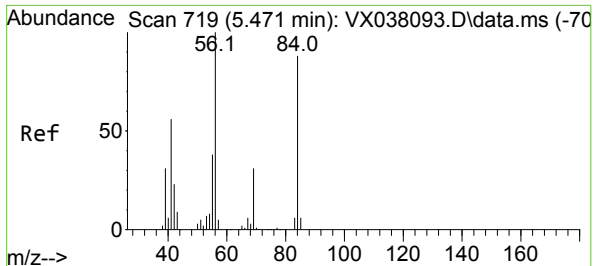
Ion Ratio Lower Upper

96 100

61 108.4 119.2 178.8#

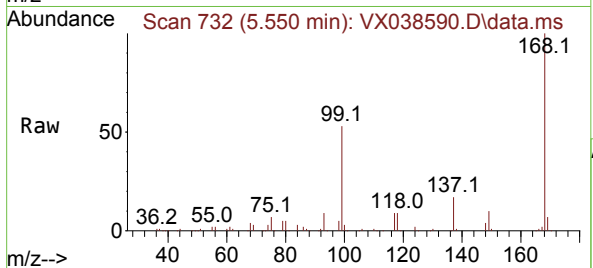
98 35.1 48.7 73.1#



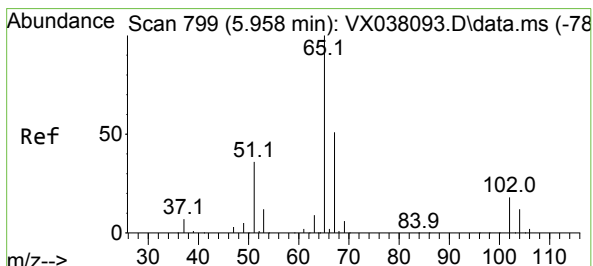
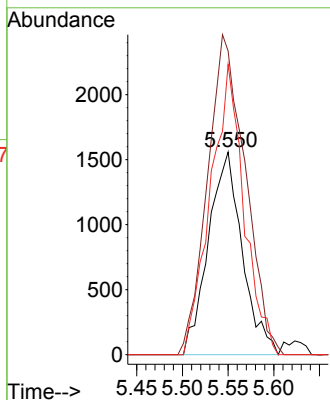
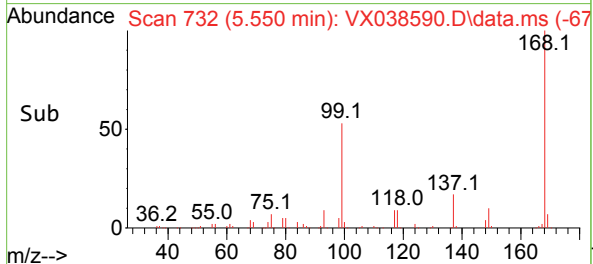


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

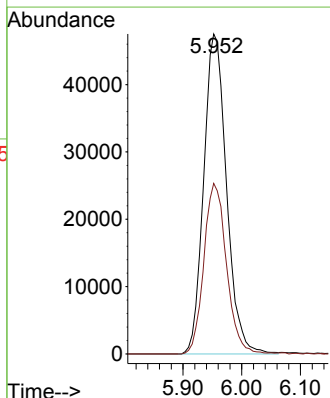
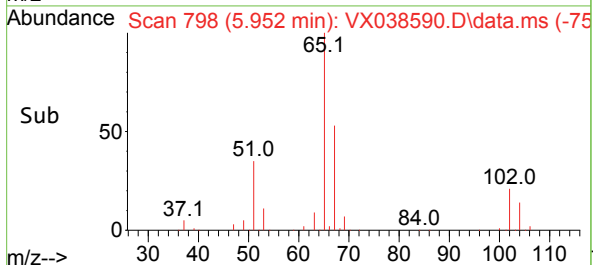
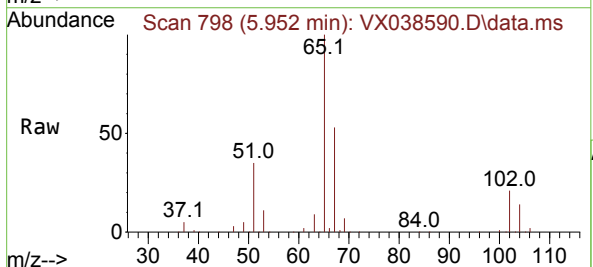


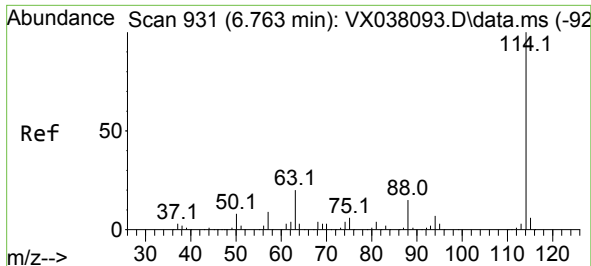
Tgt Ion: 56 Resp: 4014
Ion Ratio Lower Upper
56 100
69 149.8 23.4 35.2#
84 143.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 37.421 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

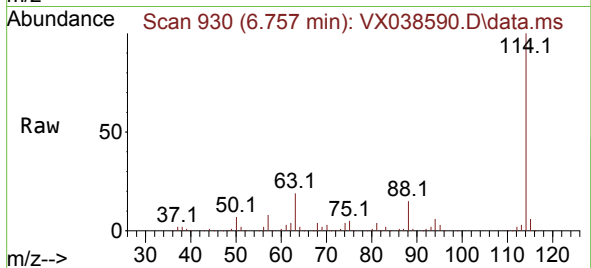
Tgt Ion: 65 Resp: 128110
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2



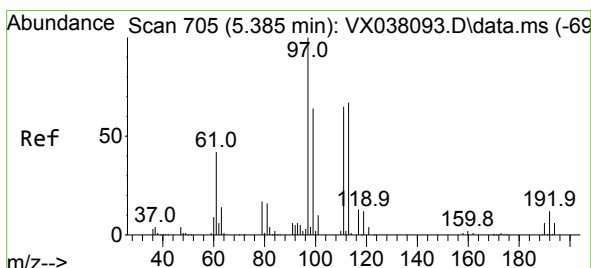
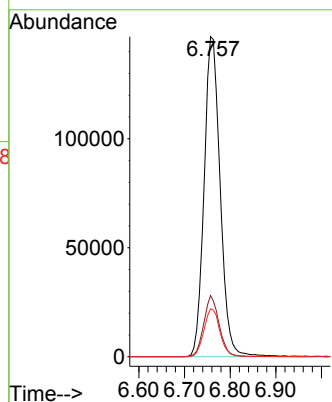
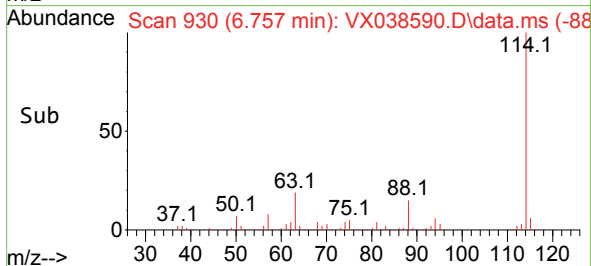


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

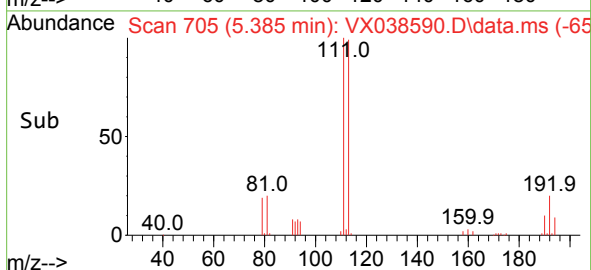
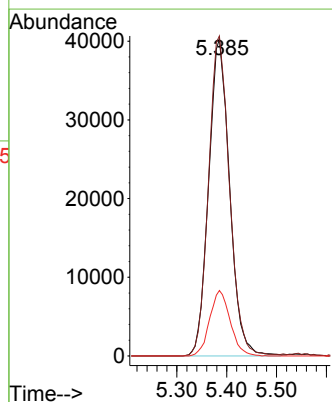
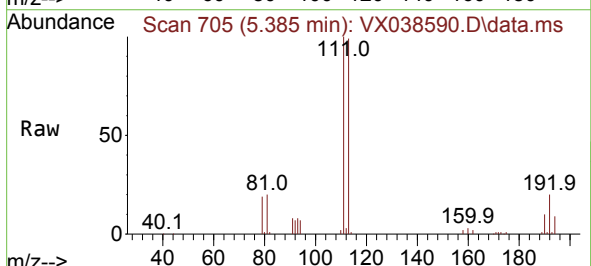


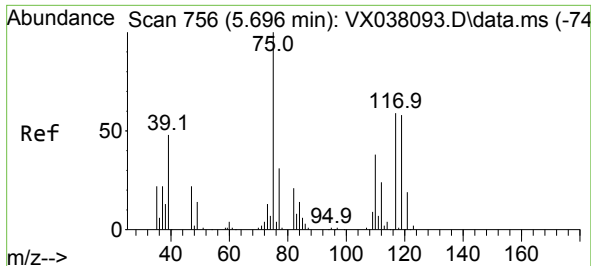
Tgt Ion:114 Resp: 358991
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.408 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

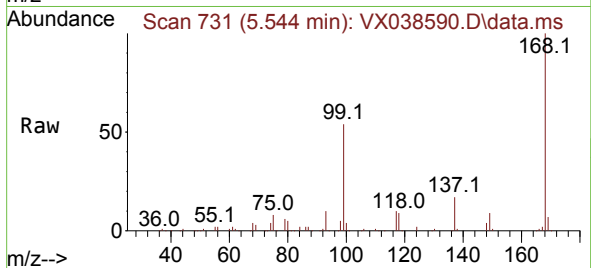
Tgt Ion:113 Resp: 117459
Ion Ratio Lower Upper
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111 101.0 82.9 124.3
192 20.3 13.3 19.9#



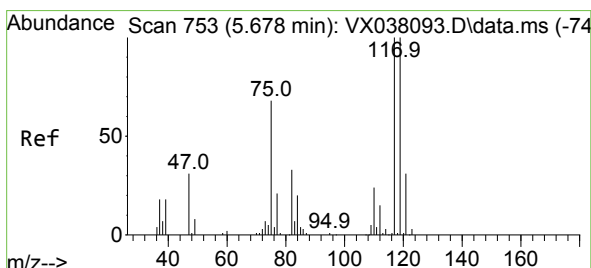
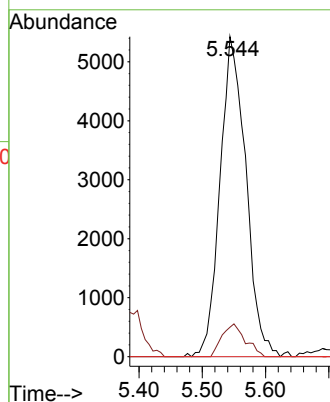
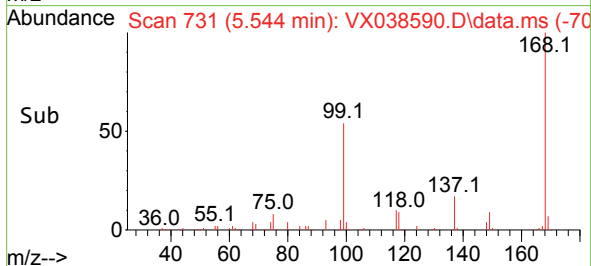


#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

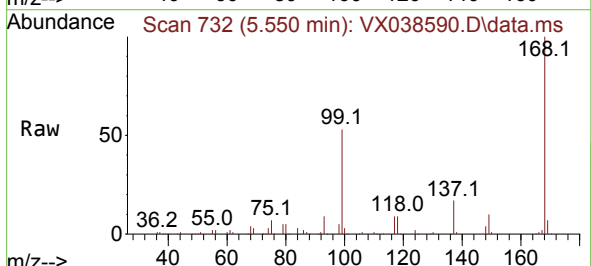
Instrument :
MSVOA_X
ClientSampleId :



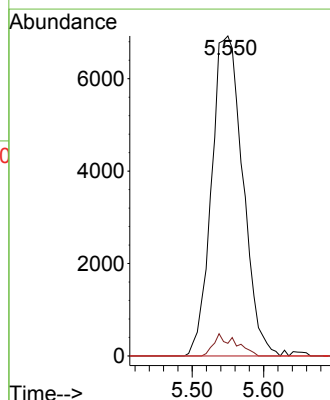
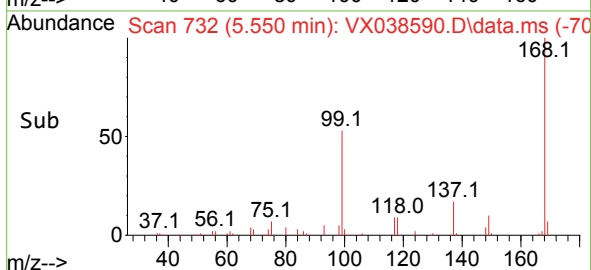
Tgt Ion: 75 Resp: 15374
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

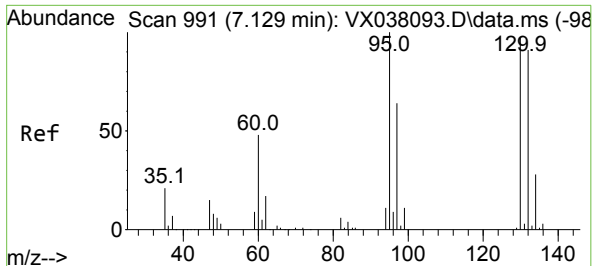


#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05



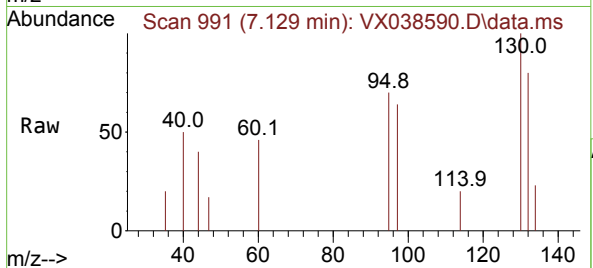
Tgt Ion: 117 Resp: 21040
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



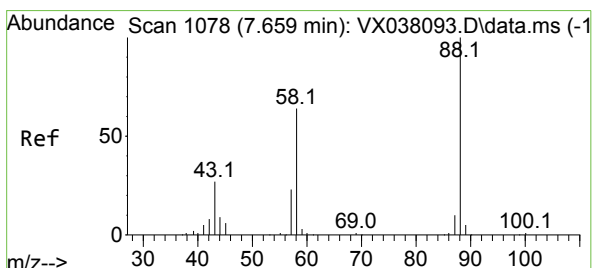
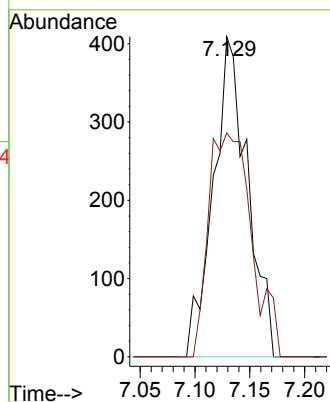
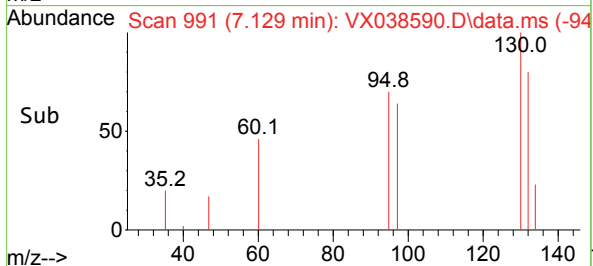


#44
Trichloroethene
Concen: 0.340 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

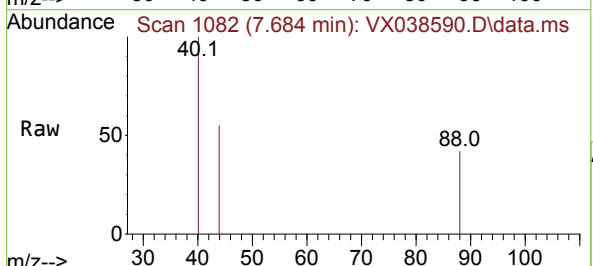
Instrument :
MSVOA_X
ClientSampleId :



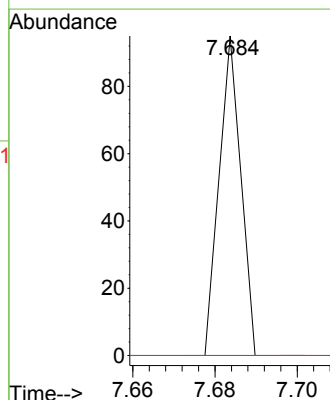
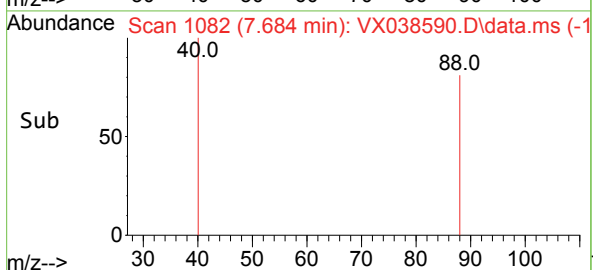
Tgt Ion:130 Resp: 888
Ion Ratio Lower Upper
130 100
95 69.9 0.0 204.4

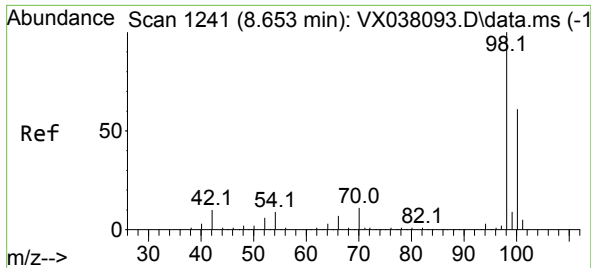


#49
1,4-Dioxane
Concen: 0.470 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05



Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

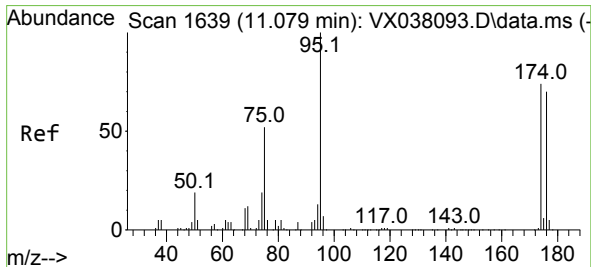
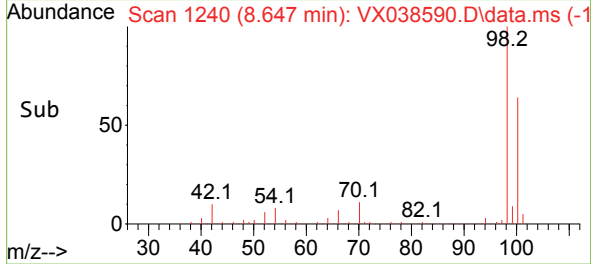
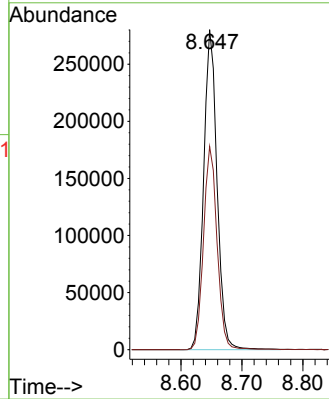
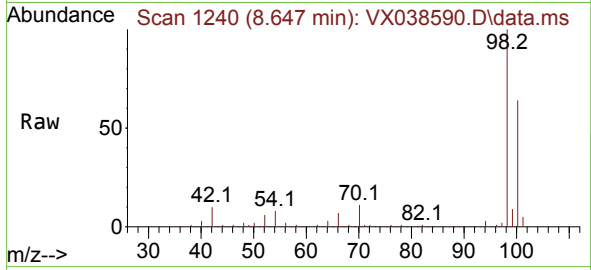




#50
Toluene-d8
Concen: 43.526 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

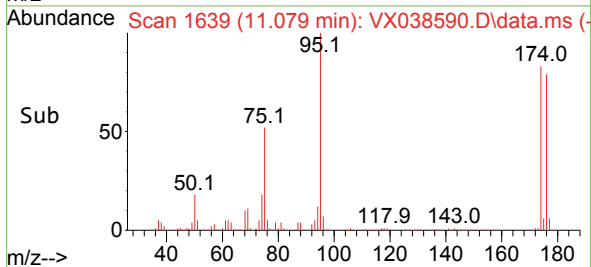
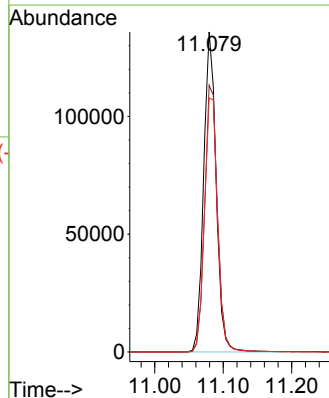
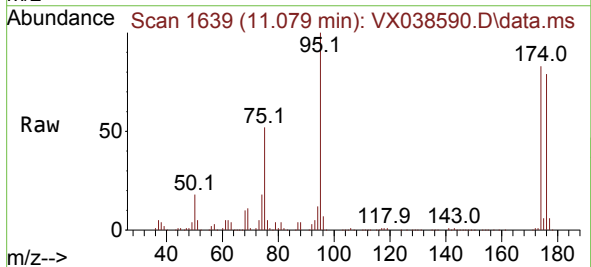
Instrument :
MSVOA_X
ClientSampleId :

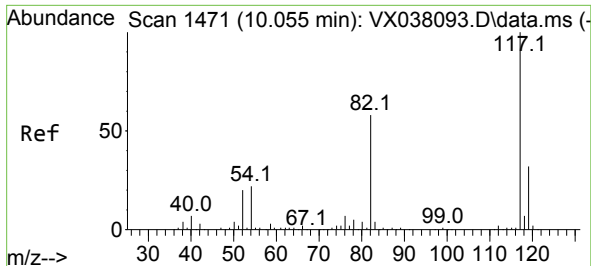
Tgt Ion: 98 Resp: 430237
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.971 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Tgt Ion: 95 Resp: 172271
Ion Ratio Lower Upper
95 100
174 86.4 0.0 135.6
176 84.1 0.0 131.0

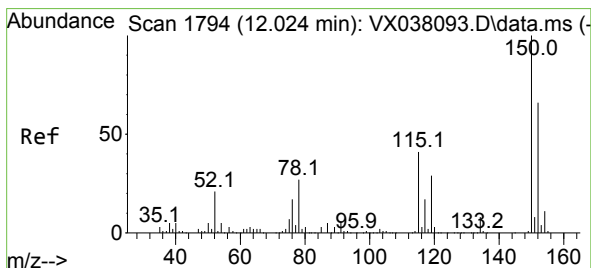
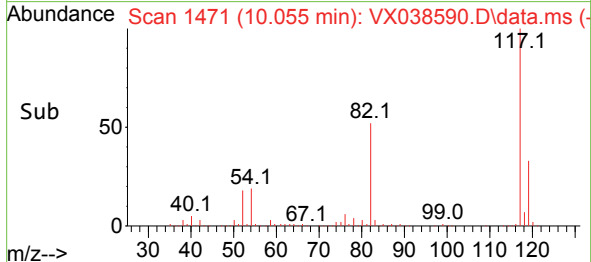
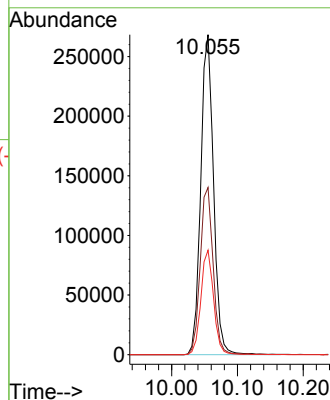
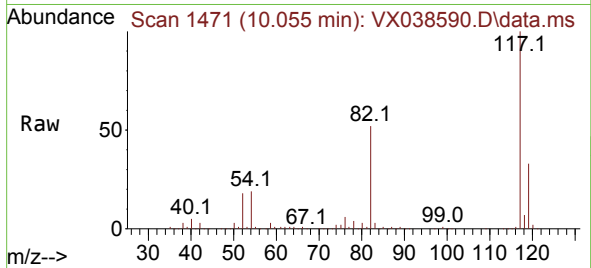




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

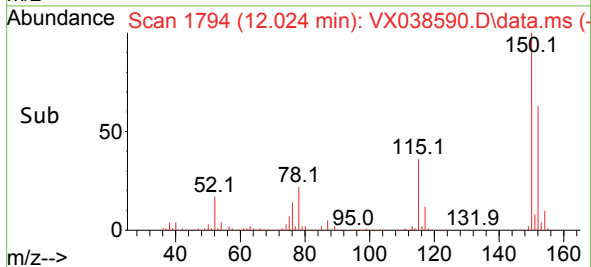
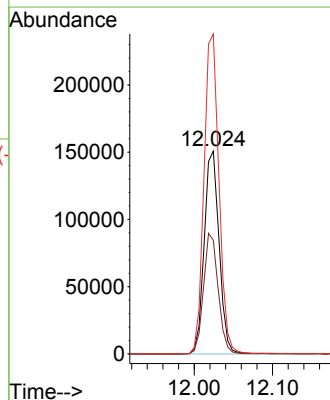
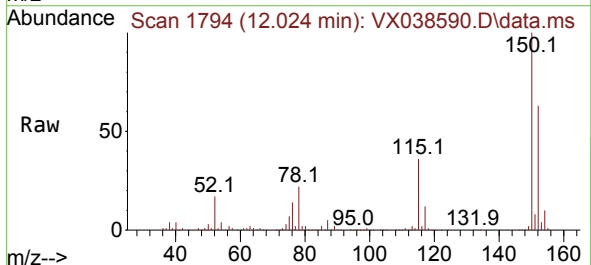
Instrument :
MSVOA_X
ClientSampleId :

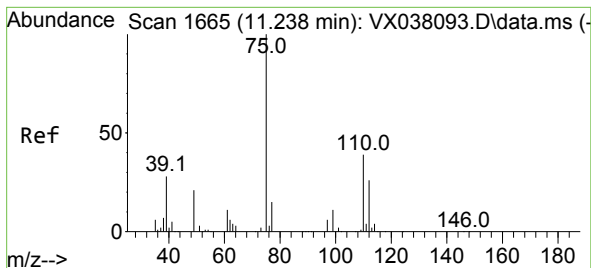
Tgt Ion:117 Resp: 363036
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Tgt Ion:152 Resp: 199293
Ion Ratio Lower Upper
152 100
115 58.4 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.526 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

Instrument :

MSVOA_X

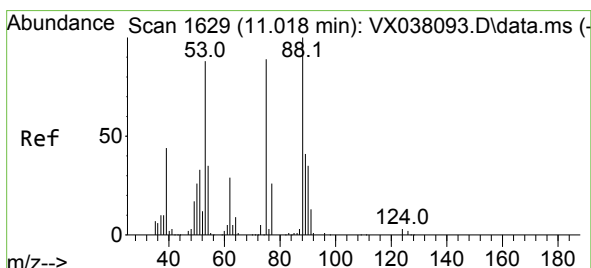
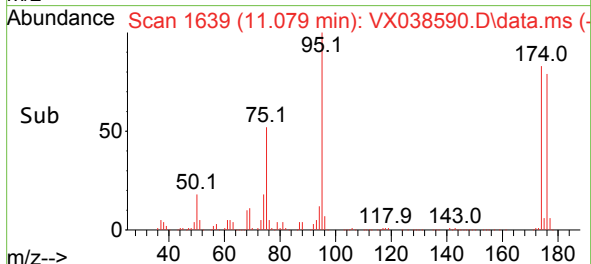
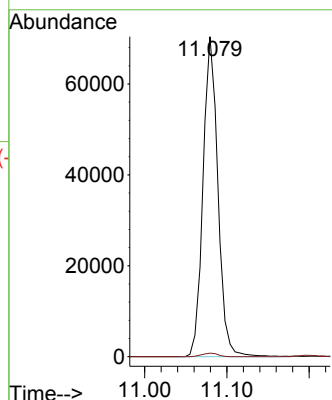
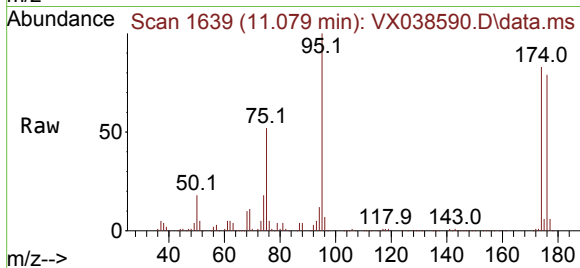
ClientSampleId :

Tgt Ion: 75 Resp: 88466

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.449 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

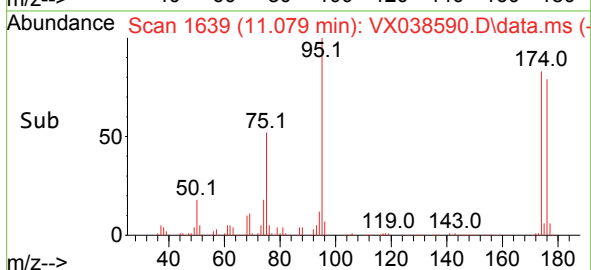
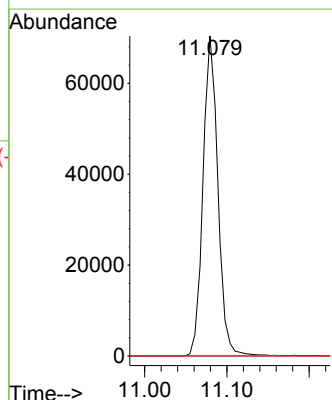
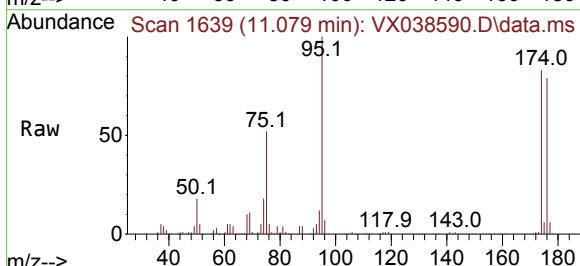
Tgt Ion: 75 Resp: 88466

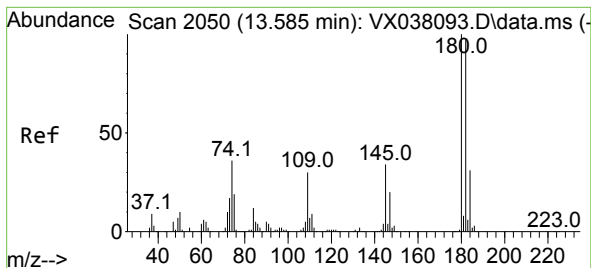
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.503 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

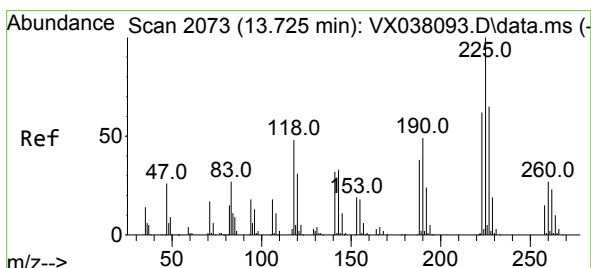
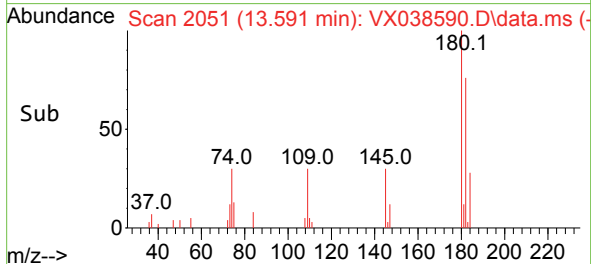
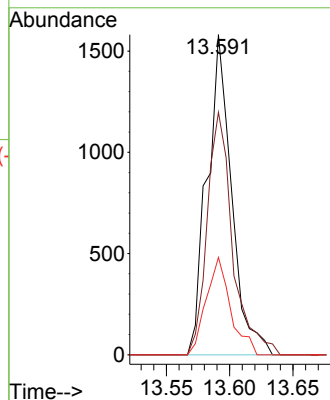
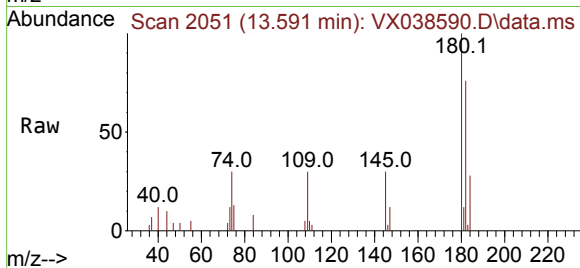
Tgt Ion:180 Resp: 2127

Ion Ratio Lower Upper

180 100

182 78.7 48.3 144.8

145 30.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.620 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX038590.D

Acq: 27 Oct 2023 10:05

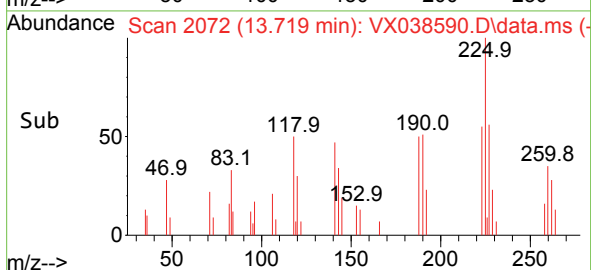
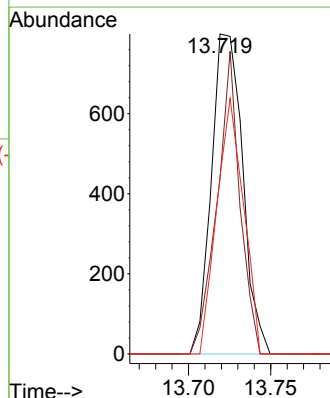
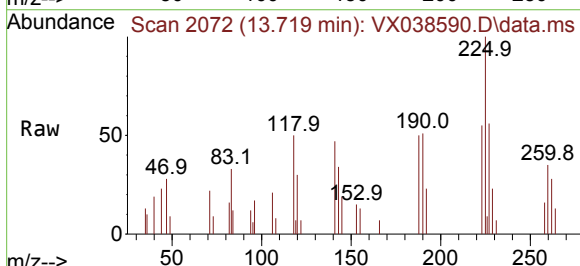
Tgt Ion:225 Resp: 1055

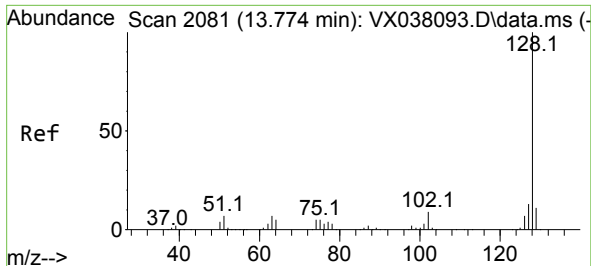
Ion Ratio Lower Upper

225 100

223 69.4 31.1 93.2

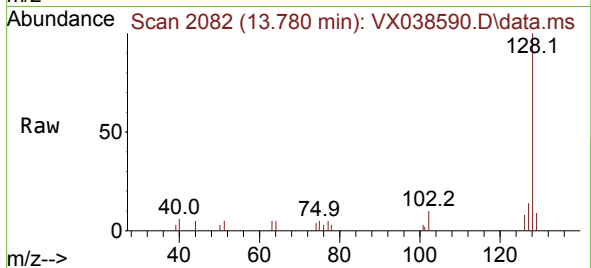
227 68.2 32.5 97.5



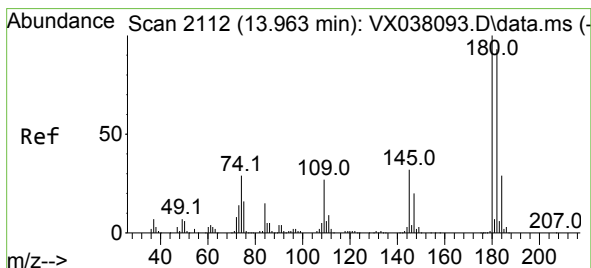
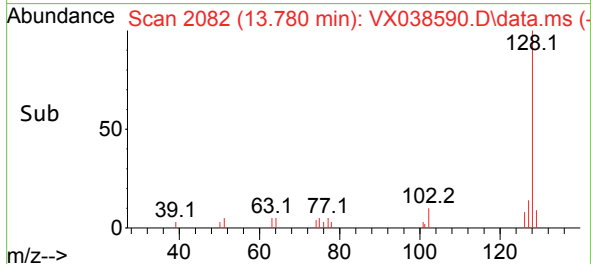
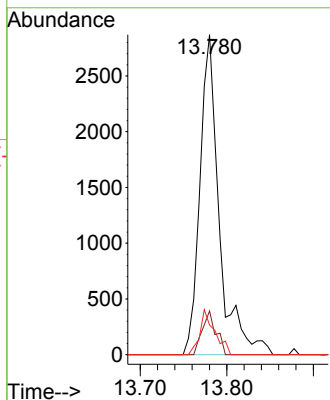


#95
Naphthalene
Concen: 0.303 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4458
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.348 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038590.D
Acq: 27 Oct 2023 10:05

Tgt Ion:180 Resp: 1422
Ion Ratio Lower Upper
180 100
182 89.2 46.9 140.6
145 37.1 17.8 53.5

