

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038518.D
 Acq On : 26 Oct 2023 14:48
 Operator : JC/MD
 Sample : VX1026MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:17:11 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)

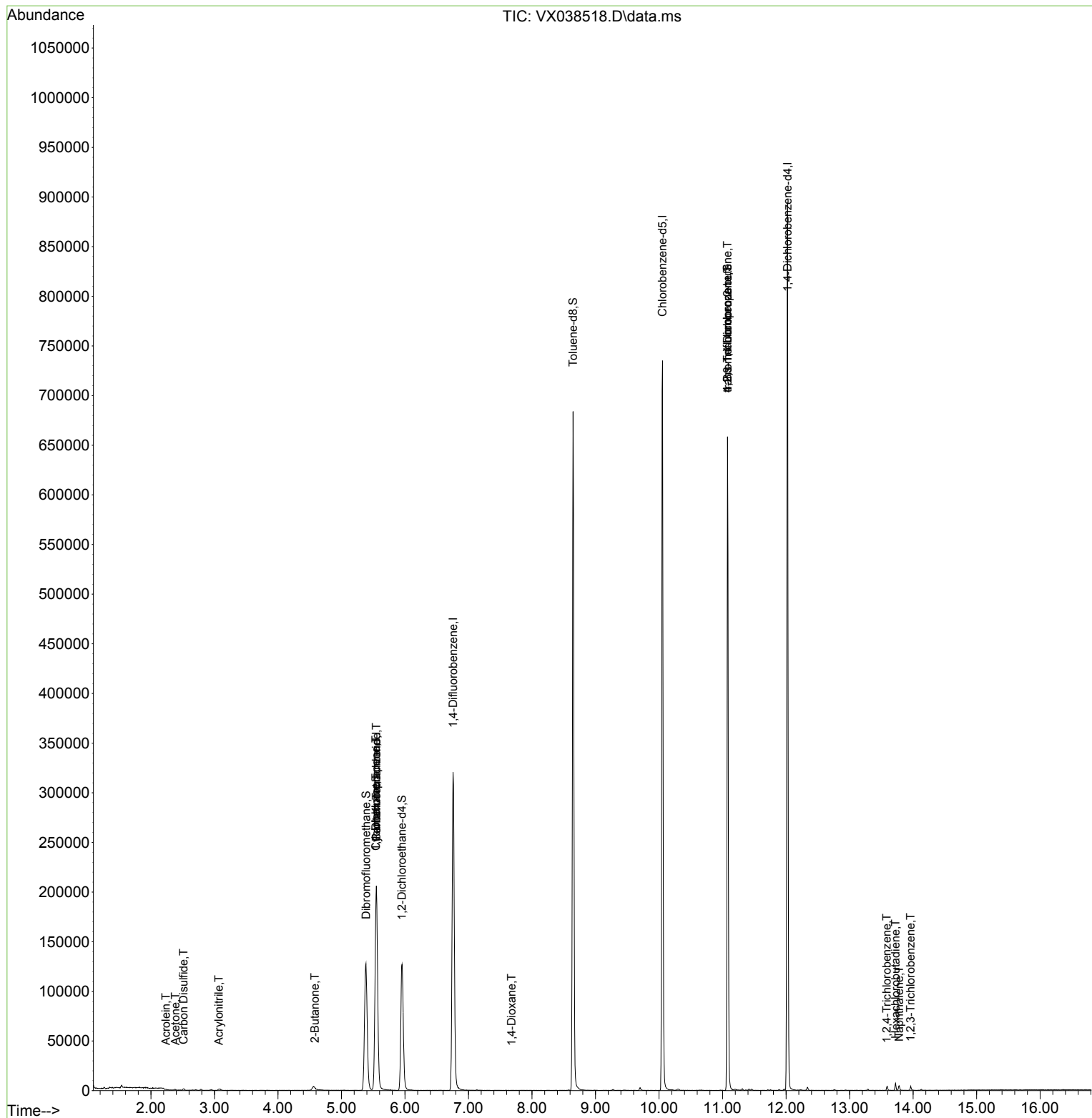
Internal Standards						
1) Pentafluorobenzene	5.550	168	206457	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	349801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124161	37.390	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	74.780%#
35) Dibromofluoromethane	5.385	113	114497	45.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.647	98	418937	43.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.000%#
62) 4-Bromofluorobenzene	11.079	95	165638	45.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	232	Below Cal	#	50
6) Chloroethane	1.691	64	161	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	620	Below Cal	#	78
13) Acrolein	2.233	56	399	0.845	ug/l	92
15) Acrylonitrile	3.068	53	1104	0.731	ug/l	# 80
16) Acetone	2.386	43	862	0.622	ug/l	# 81
17) Carbon Disulfide	2.514	76	1817	0.334	ug/l	# 90
25) 2-Butanone	4.580	43	814	0.364	ug/l	# 87
31) Cyclohexane	5.544	56	3875	1.077	ug/l	# 4
36) 1,1-Dichloropropene	5.544	75	14328	4.122	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	19908	5.822	ug/l	# 16
49) 1,4-Dioxane	7.677	88	78	1.076	ug/l	# 12
76) 1,2,3-Trichloropropane	11.079	75	85669	19.331	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	85669	55.924	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.585	180	1464	0.354	ug/l	88
94) Hexachlorobutadiene	13.725	225	1090	0.655	ug/l	92
95) Naphthalene	13.780	128	4185	0.291	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1212	0.303	ug/l	88

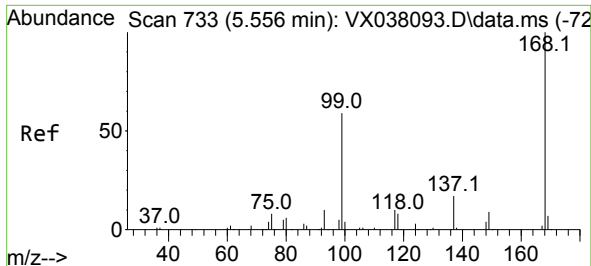
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 27 05:17:11 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

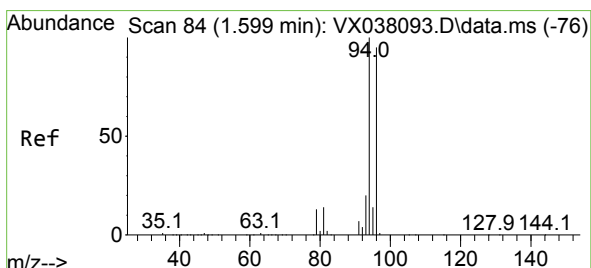
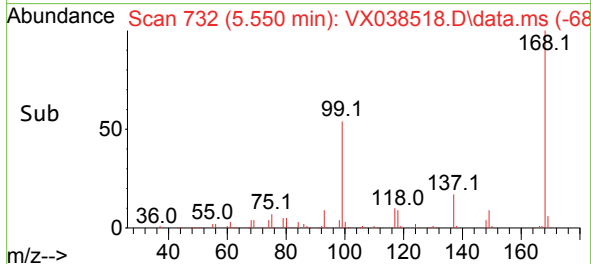
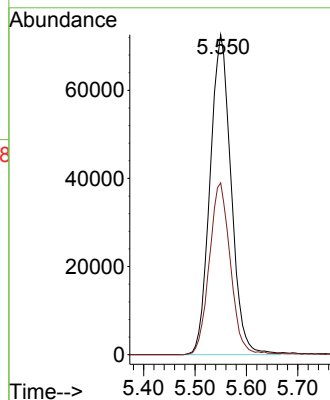
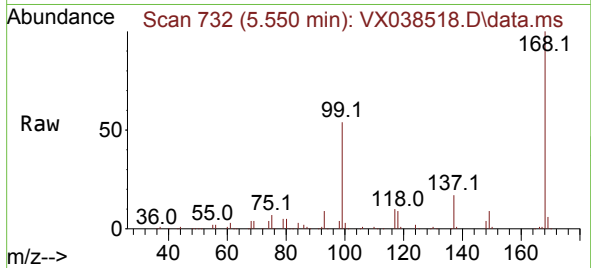




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

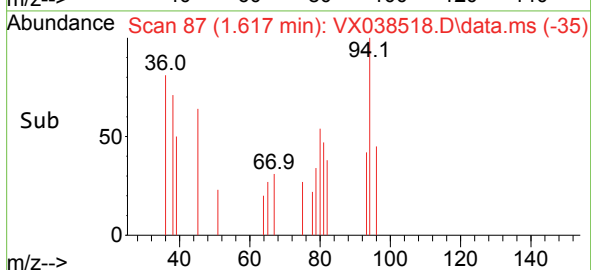
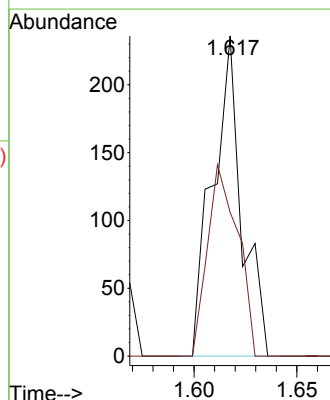
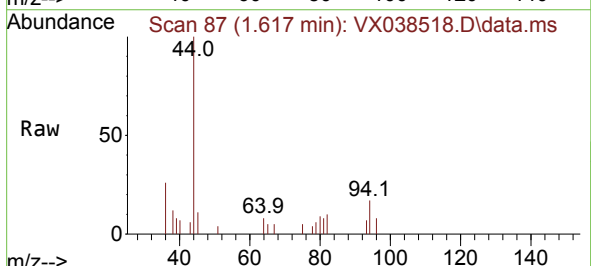
Instrument :
MSVOA_X
ClientSampleId :

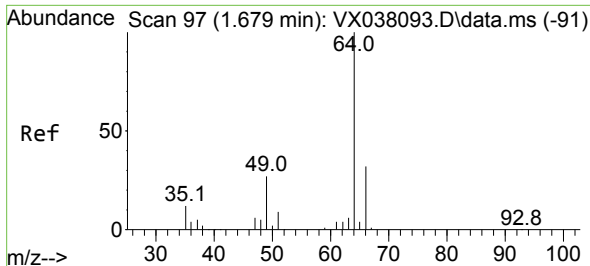
Tgt Ion:168 Resp: 206457
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 44.9 74.6 111.8#

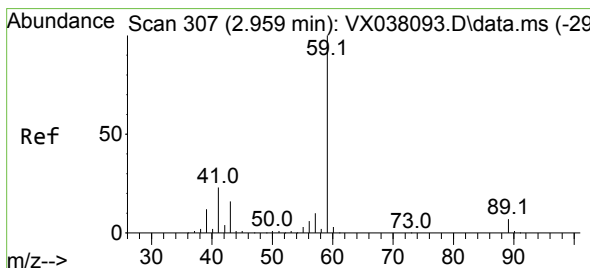
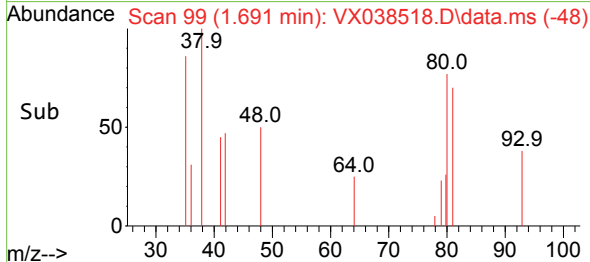
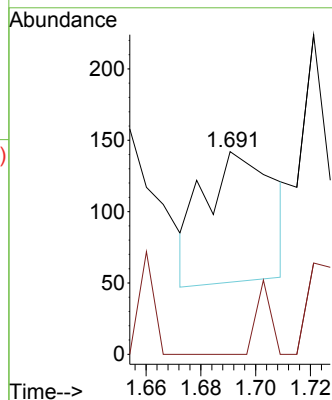
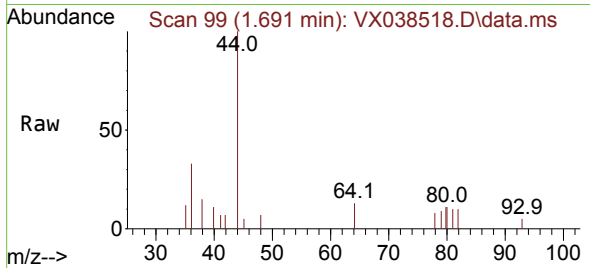




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

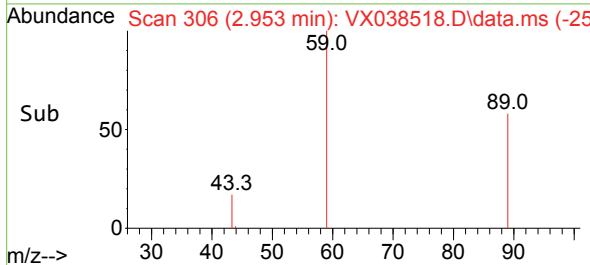
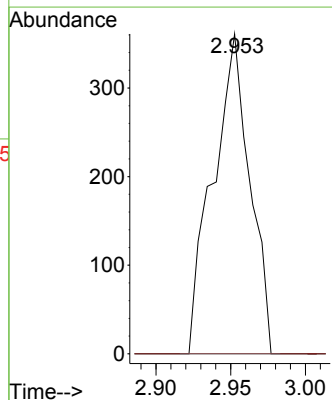
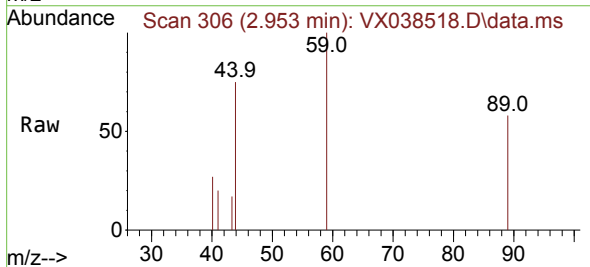
Instrument :
MSVOA_X
ClientSampleId :

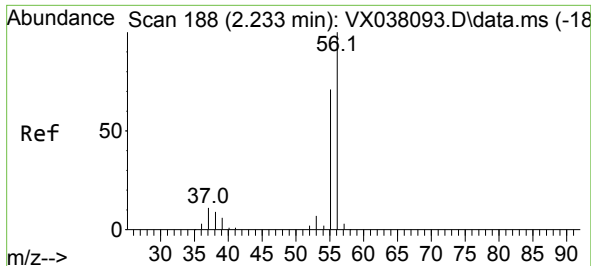
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion: 59 Resp: 620
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.845 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

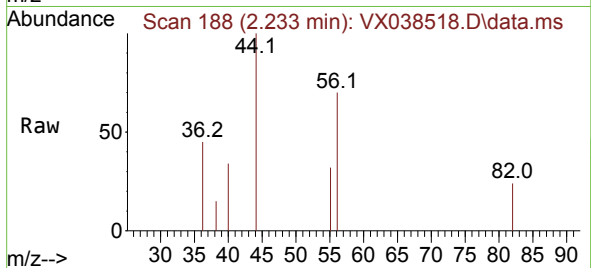
Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

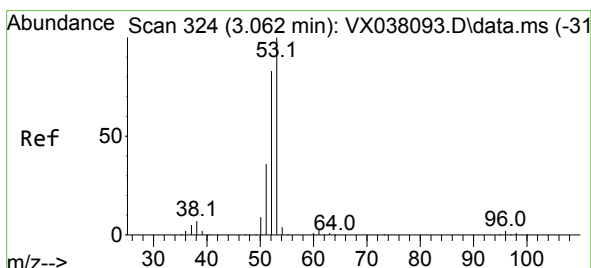
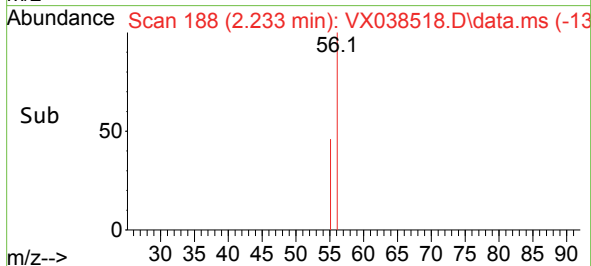
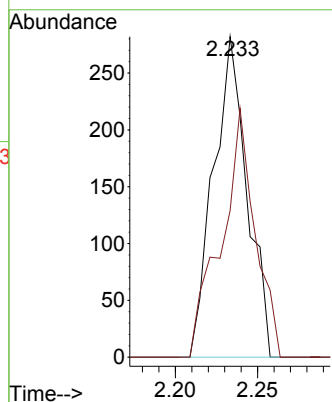


Tgt Ion: 56 Resp: 399

Ion Ratio Lower Upper

56 100

55 78.4 57.1 85.7



#15

Acrylonitrile

Concen: 0.731 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

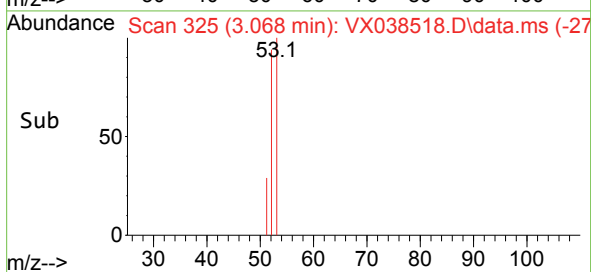
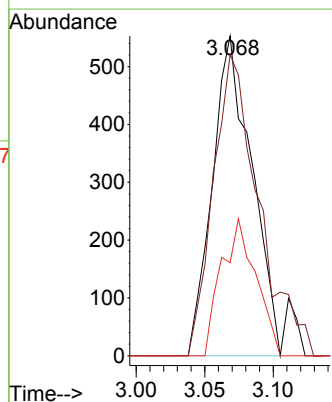
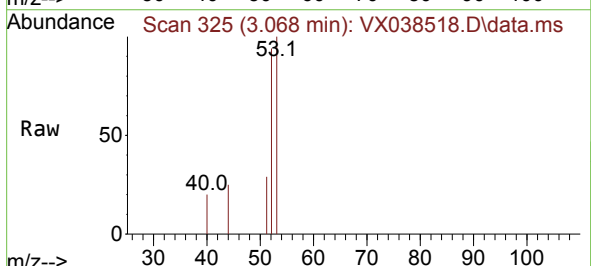
Tgt Ion: 53 Resp: 1104

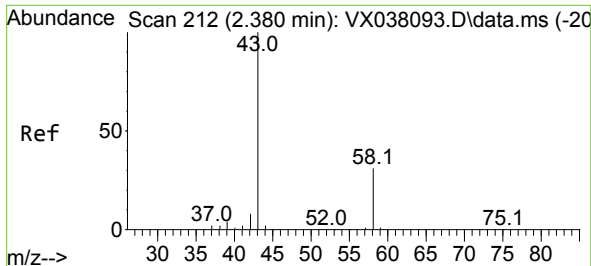
Ion Ratio Lower Upper

53 100

52 108.7 66.0 99.0#

51 37.6 29.8 44.6

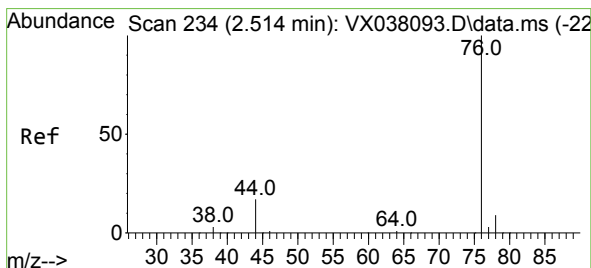
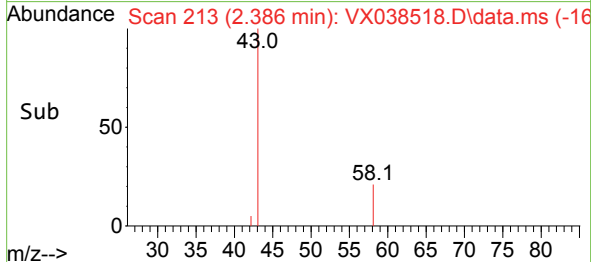
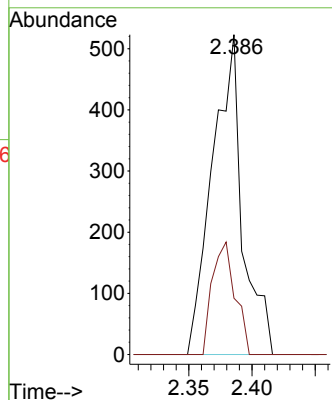
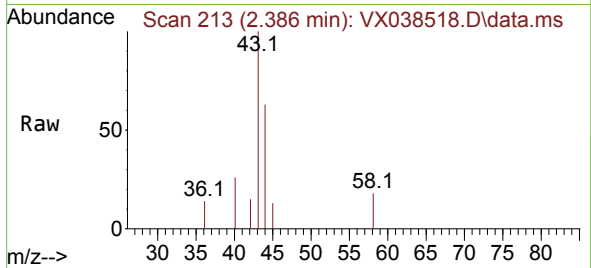




#16
Acetone
Concen: 0.622 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

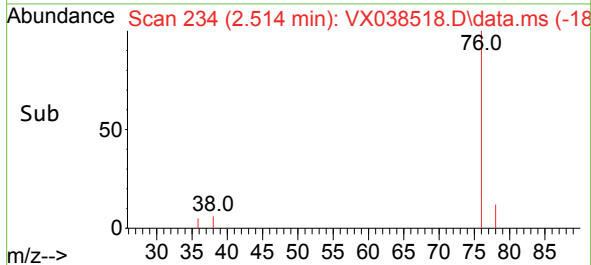
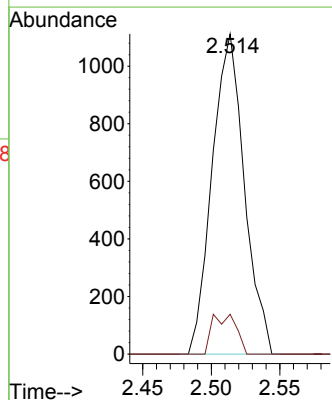
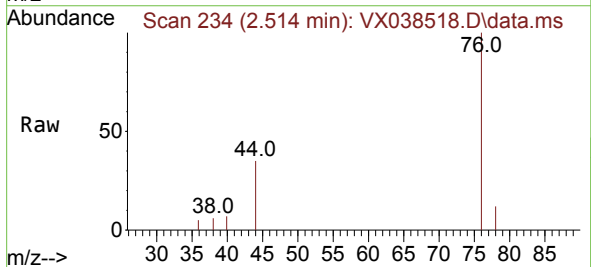
Instrument :
MSVOA_X
ClientSampleId :

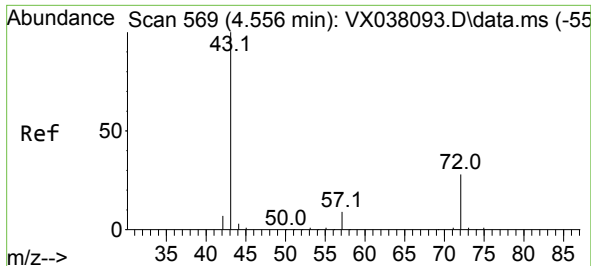
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 17.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion: 76 Resp: 1817
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#





#25

2-Butanone

Concen: 0.364 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

Instrument :

MSVOA_X

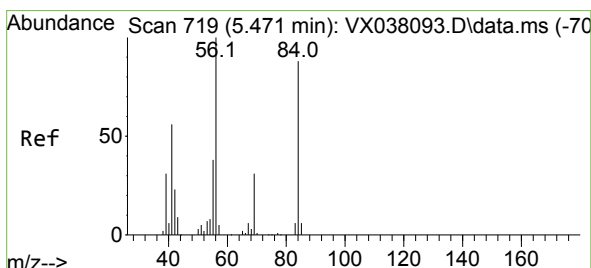
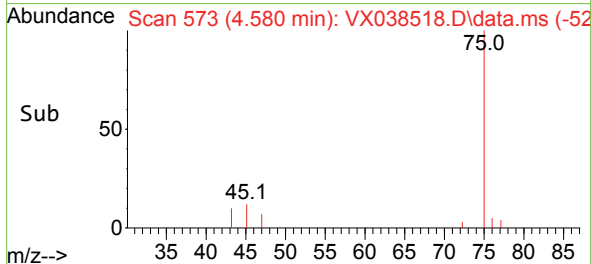
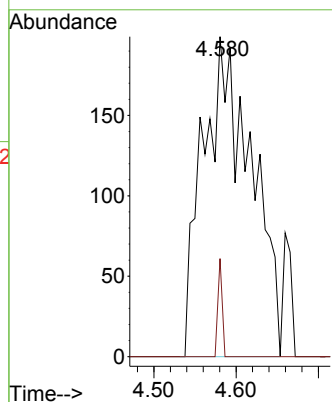
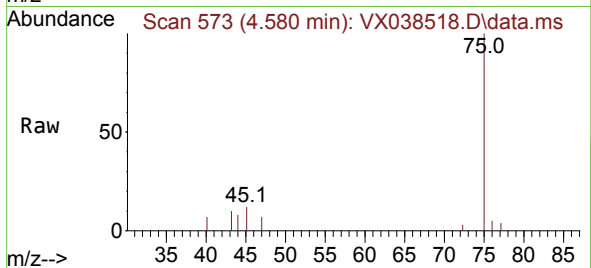
ClientSampleId :

Tgt Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

72 30.7 19.4 29.2#



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

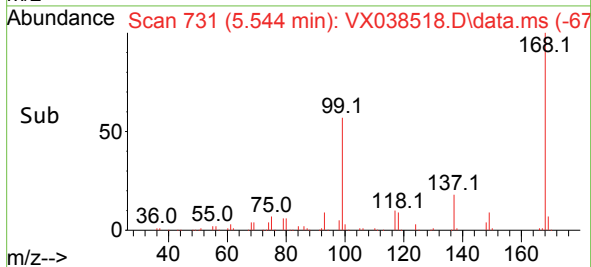
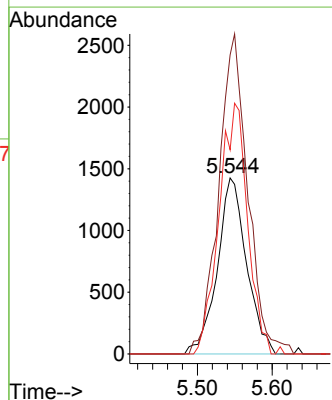
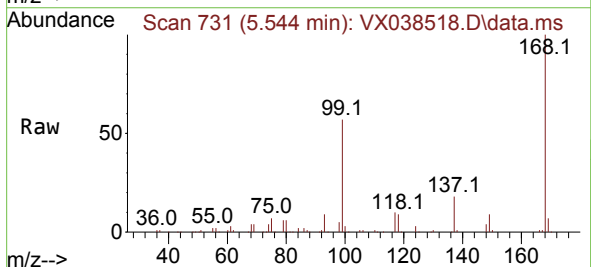
Tgt Ion: 56 Resp: 3875

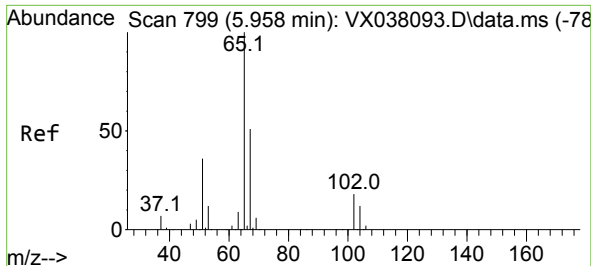
Ion Ratio Lower Upper

56 100

69 170.0 23.4 35.2#

84 116.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 37.390 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

Instrument :

MSVOA_X

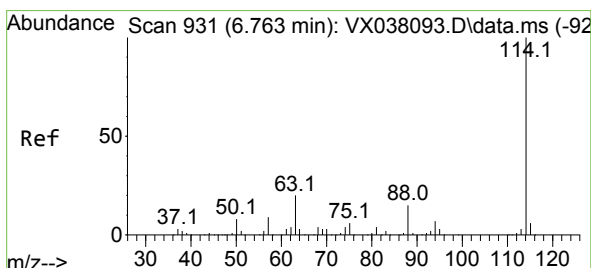
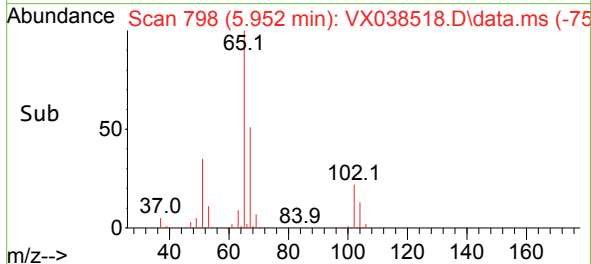
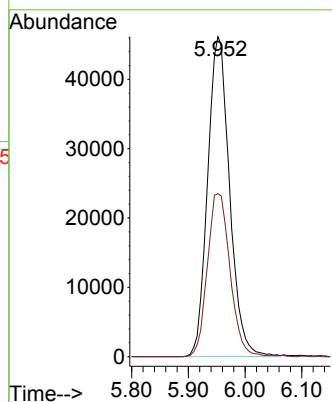
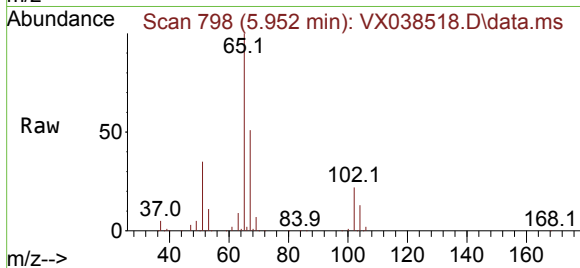
ClientSampleId :

Tgt Ion: 65 Resp: 124161

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

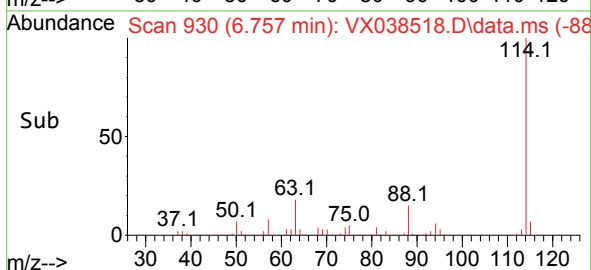
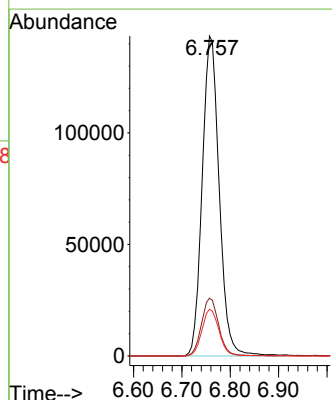
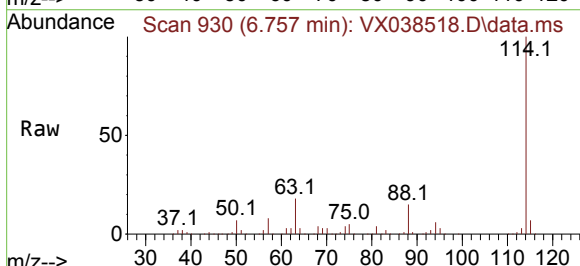
Tgt Ion:114 Resp: 349801

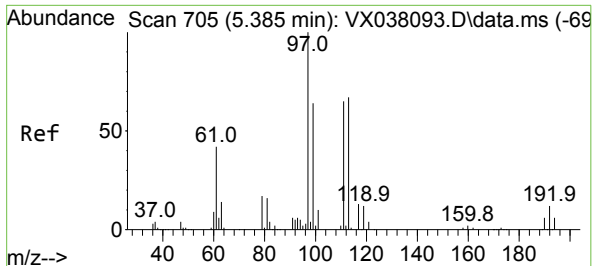
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

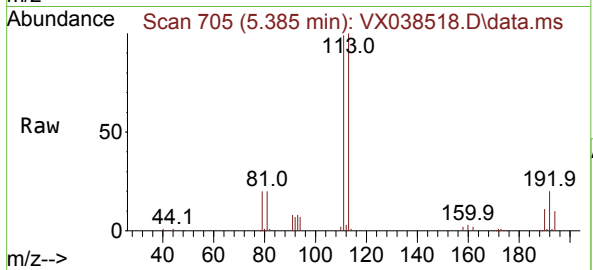
88 14.6 0.0 36.6



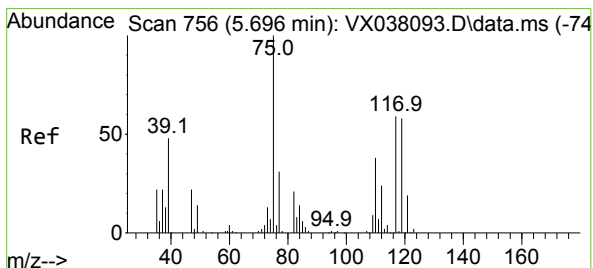
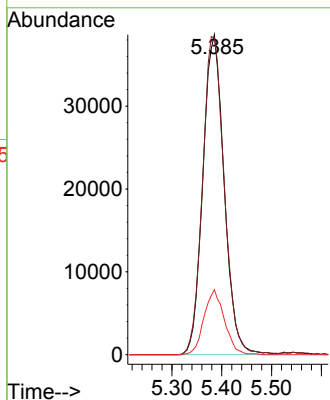
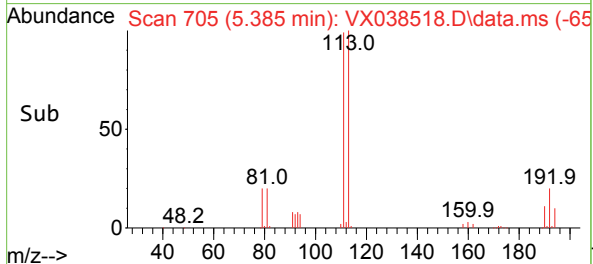


#35
Dibromofluoromethane
Concen: 45.426 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Instrument :
MSVOA_X
ClientSampleId :

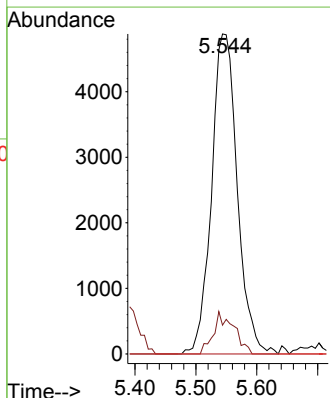
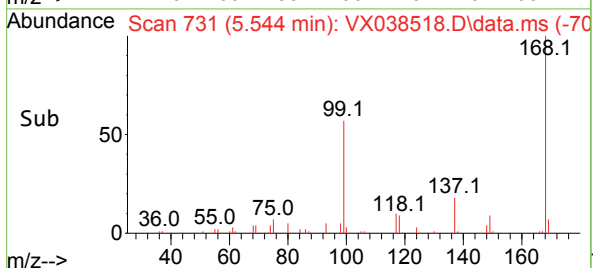
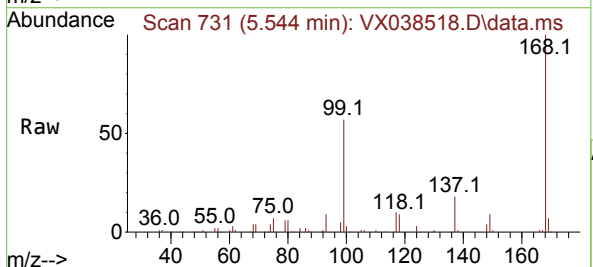


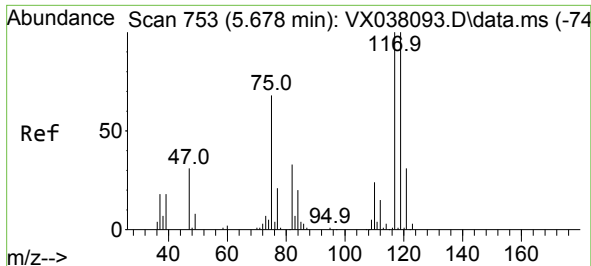
Tgt Ion:113 Resp: 114497
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.122 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

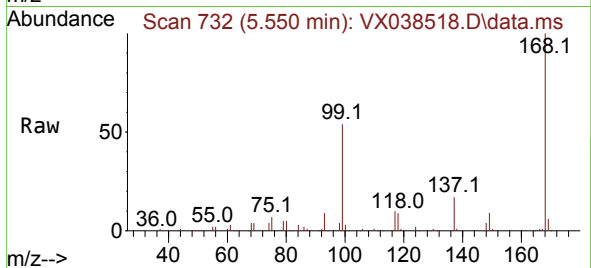
Tgt Ion: 75 Resp: 14328
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



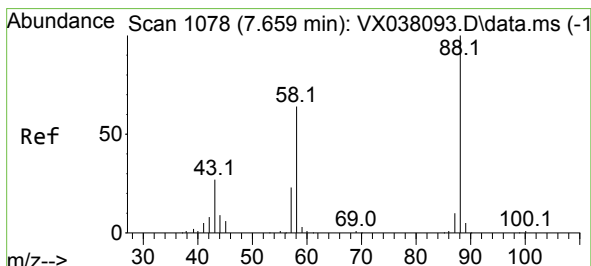
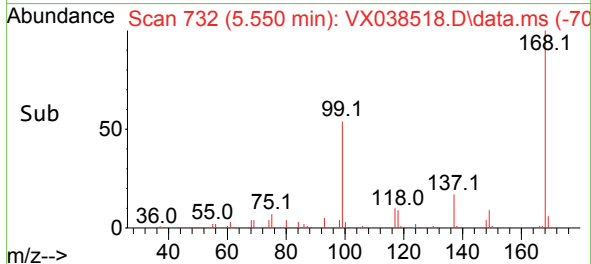
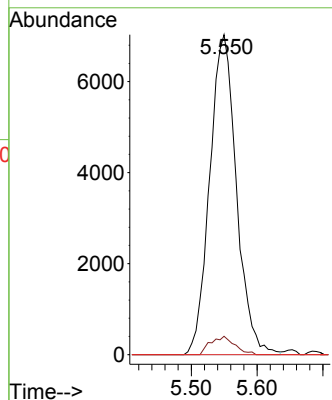


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Instrument :
MSVOA_X
ClientSampleId :

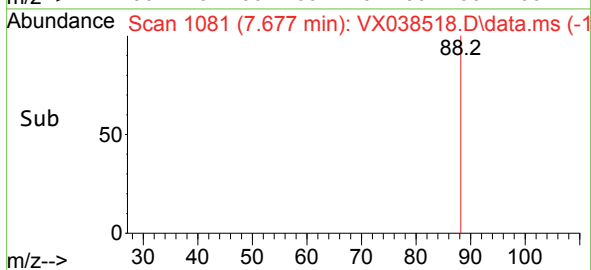
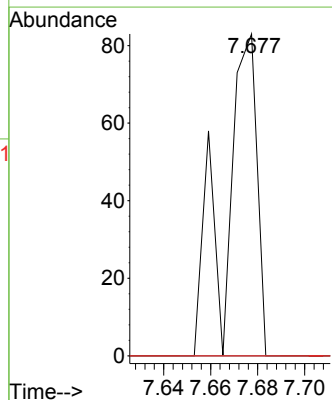
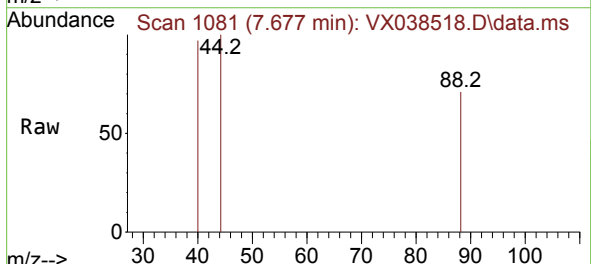


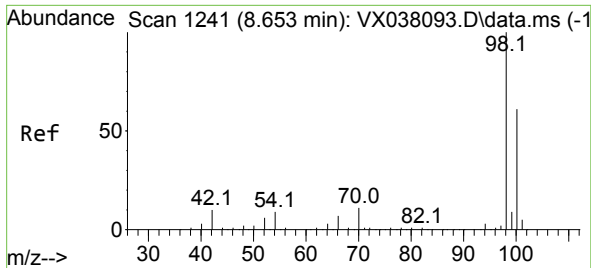
Tgt Ion:117 Resp: 19908
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.076 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

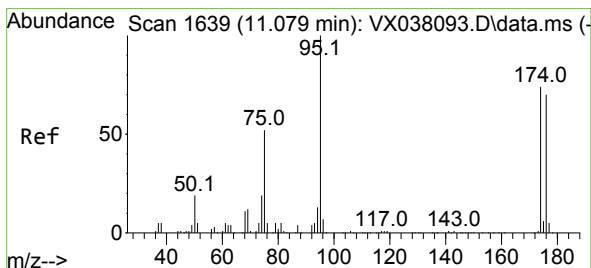
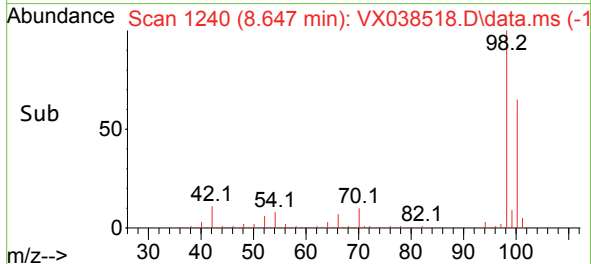
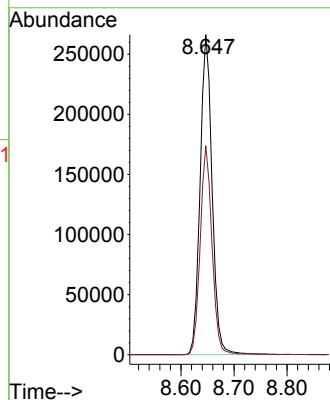
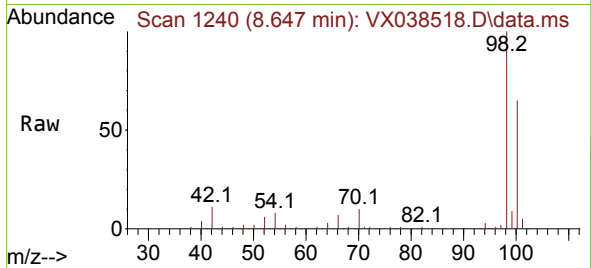




#50
Toluene-d8
Concen: 43.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

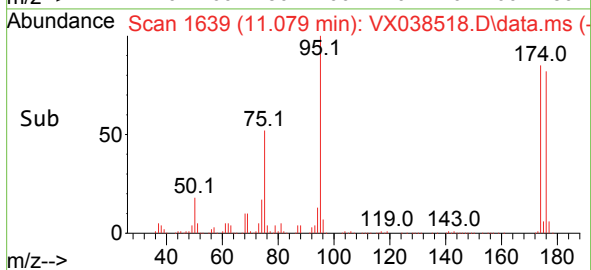
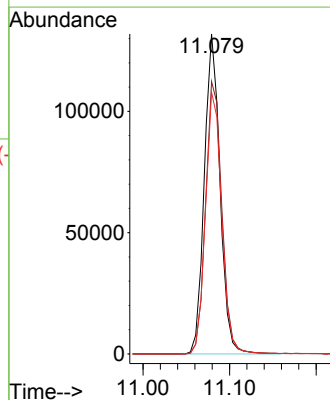
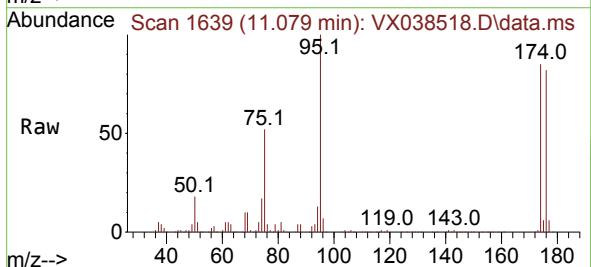
Instrument :
MSVOA_X
ClientSampleId :

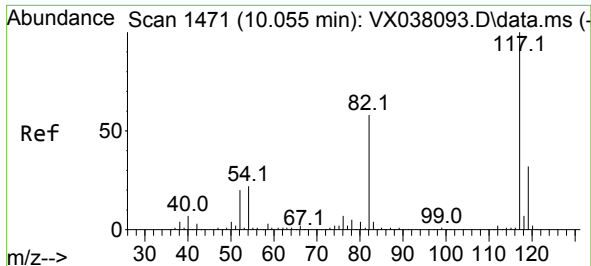
Tgt Ion: 98 Resp: 418937
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

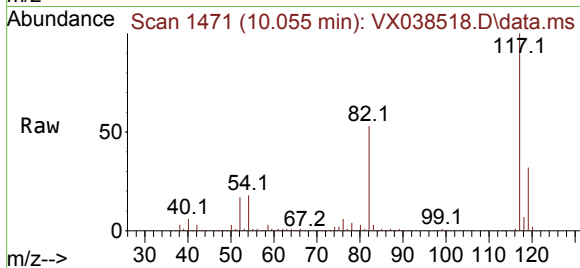
Tgt Ion: 95 Resp: 165638
Ion Ratio Lower Upper
95 100
174 89.2 0.0 135.6
176 85.0 0.0 131.0



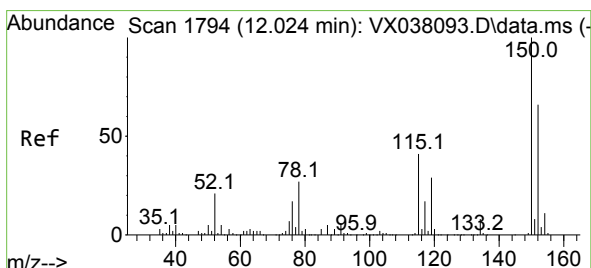
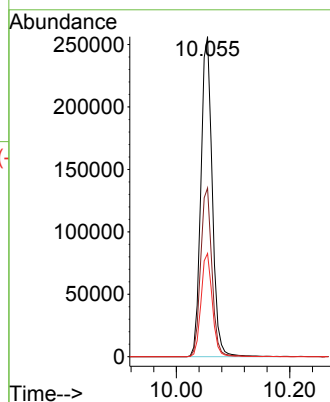
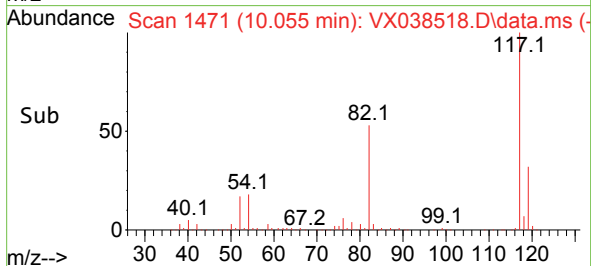


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Instrument :
MSVOA_X
ClientSampleId :

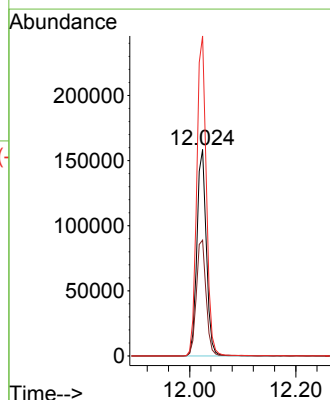
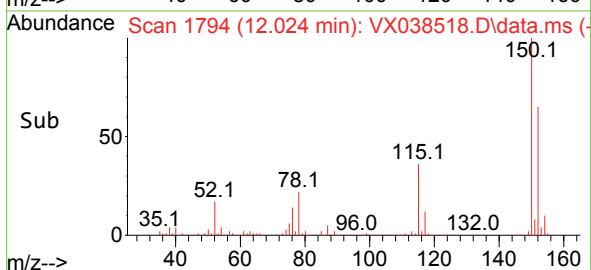
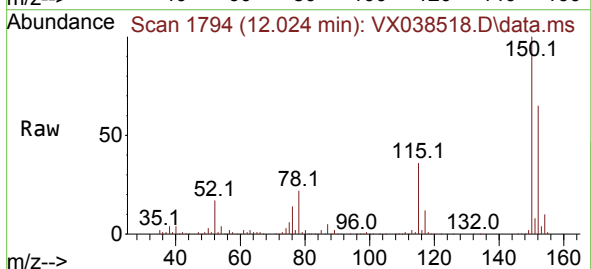


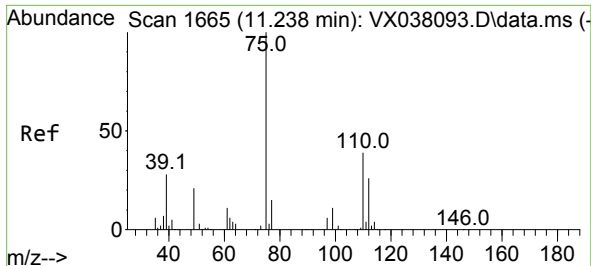
Tgt Ion:117 Resp: 355893
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion:152 Resp: 194943
Ion Ratio Lower Upper
152 100
115 58.2 43.3 129.9
150 158.1 0.0 345.0

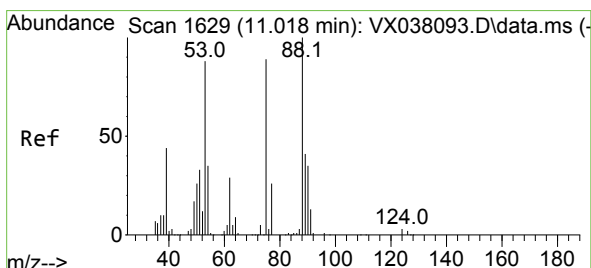
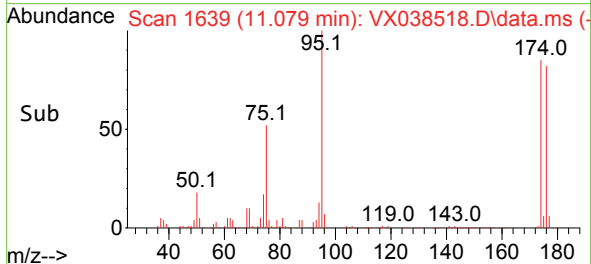
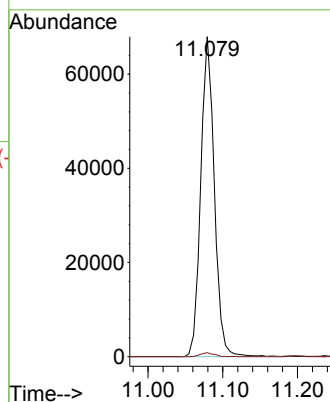
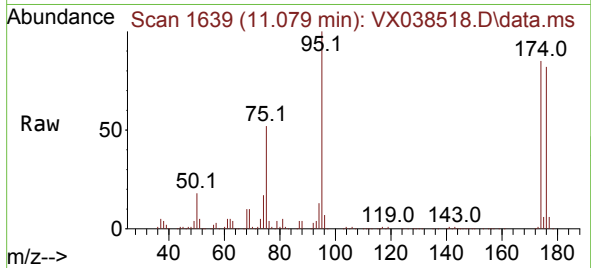




#76
1,2,3-Trichloropropane
Concen: 19.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

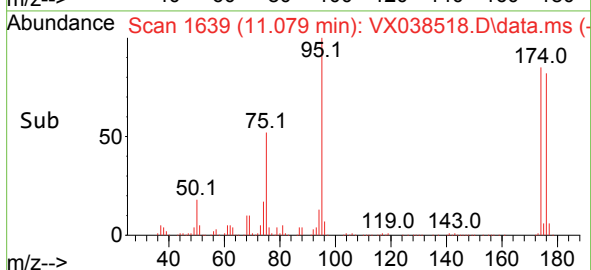
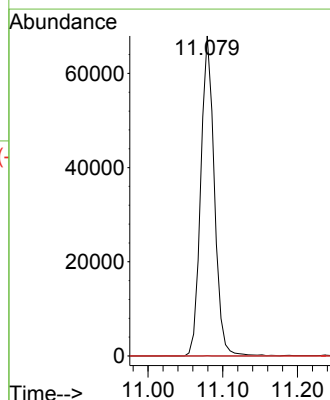
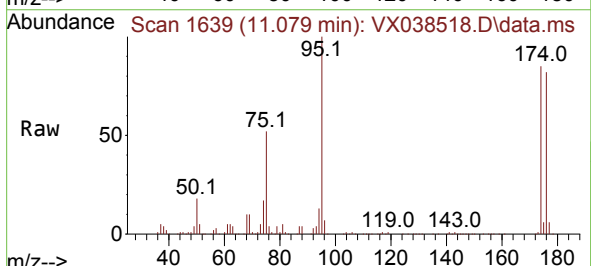
Instrument :
MSVOA_X
ClientSampleId :

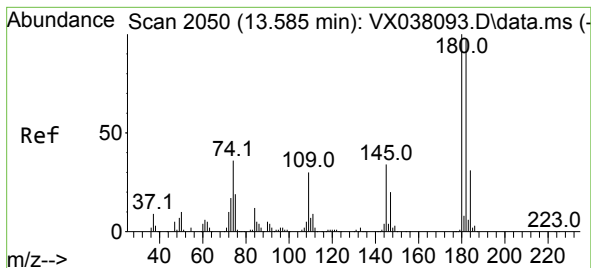
Tgt Ion: 75 Resp: 85669
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

Tgt Ion: 75 Resp: 85669
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: 0.354 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

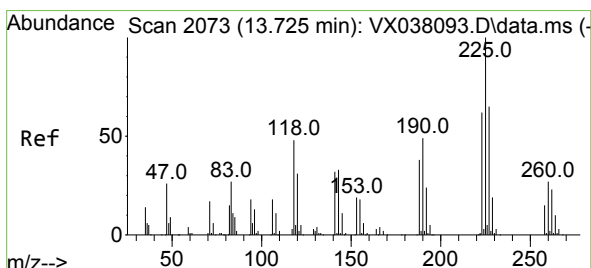
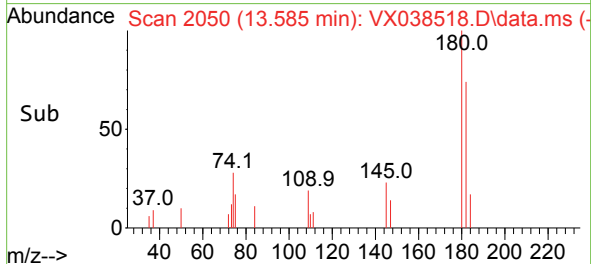
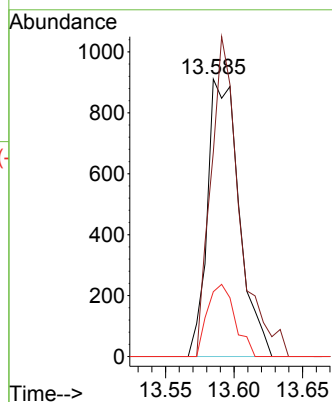
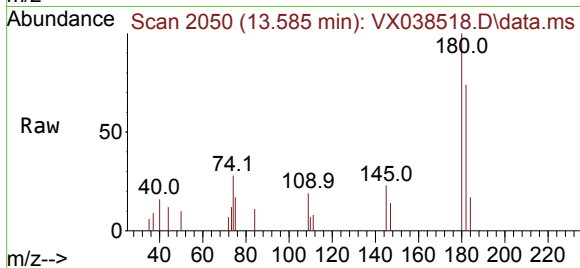
Tgt Ion:180 Resp: 1464

Ion Ratio Lower Upper

180 100

182 104.0 48.3 144.8

145 22.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.655 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038518.D

Acq: 26 Oct 2023 14:48

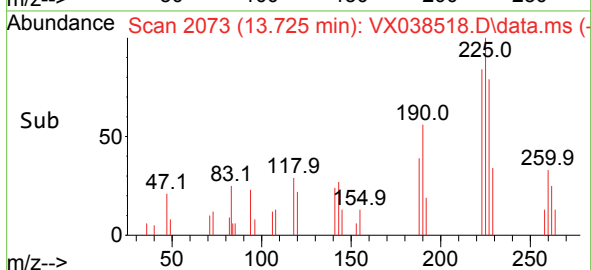
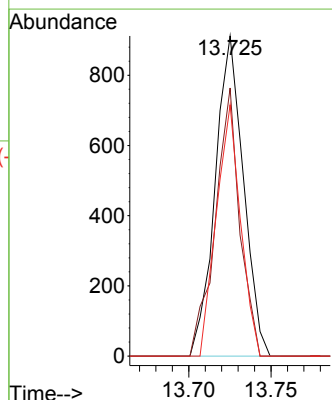
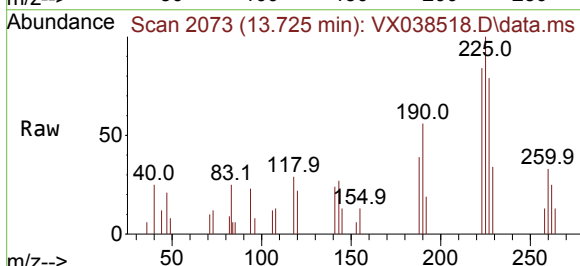
Tgt Ion:225 Resp: 1090

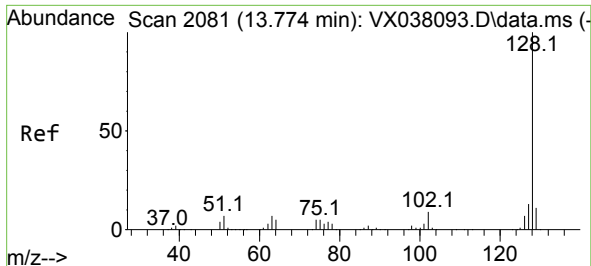
Ion Ratio Lower Upper

225 100

223 72.5 31.1 93.2

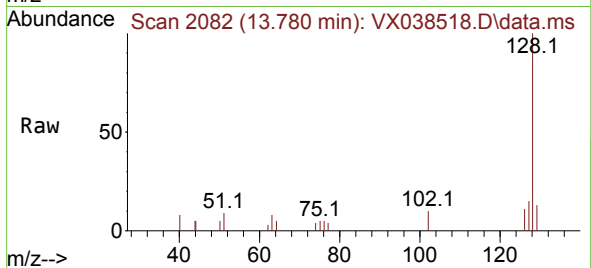
227 67.0 32.5 97.5



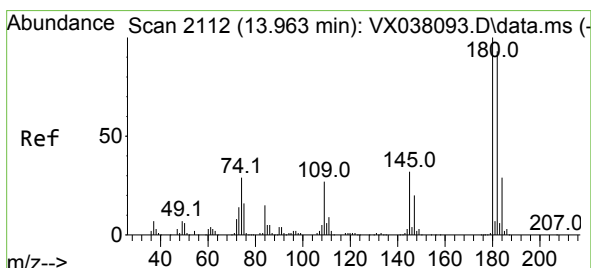
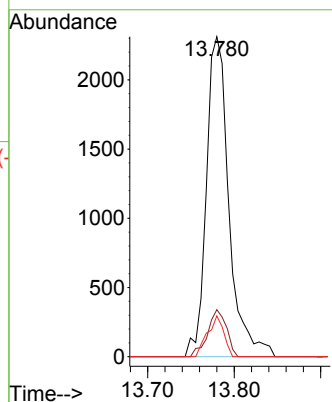
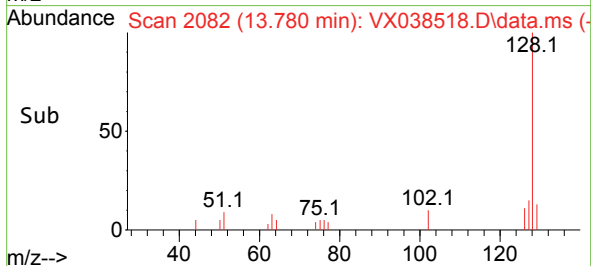


#95
Naphthalene
Concen: 0.291 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48

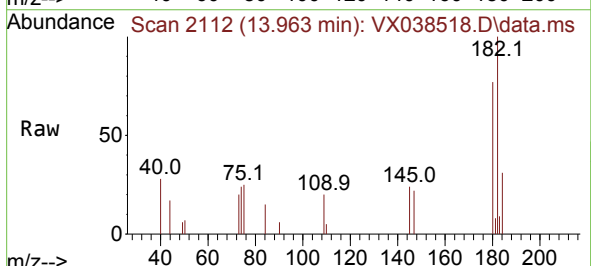
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4185
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.303 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038518.D
Acq: 26 Oct 2023 14:48



Tgt Ion:180 Resp: 1212
Ion Ratio Lower Upper
180 100
182 102.3 46.9 140.6
145 24.9 17.8 53.5

