

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039638.D
 Acq On : 05 Jan 2024 11:00
 Operator : JC/MD
 Sample : VX0105MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 22:18:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72468	45.660	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.320%
35) Dibromofluoromethane	5.385	113	58506	46.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.647	98	227723	48.911	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.820%
62) 4-Bromofluorobenzene	11.079	95	104680	54.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.980%

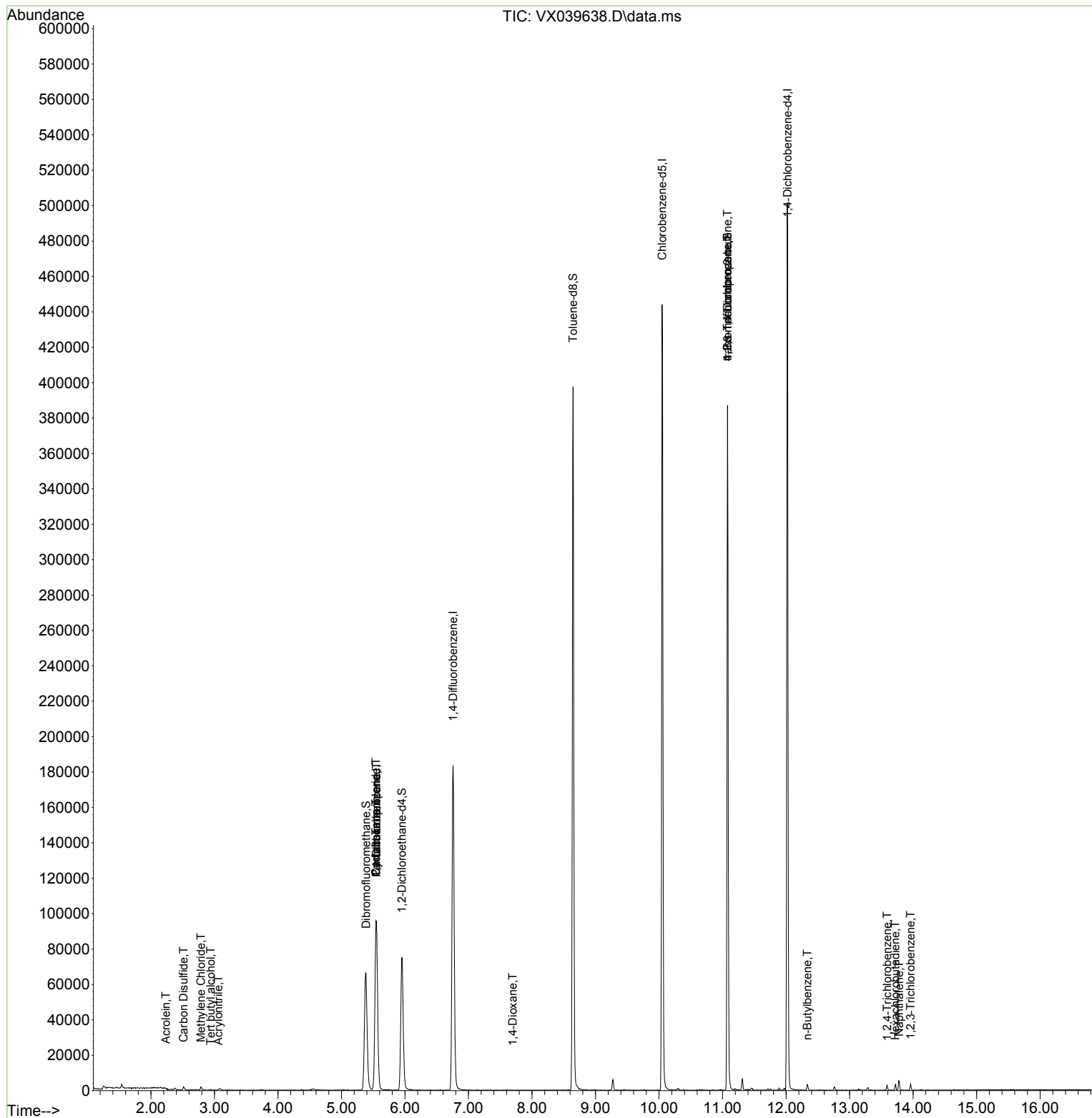
Target Compounds				Qvalue		
11) Tert butyl alcohol	2.940	59	262	0.657	ug/l #	78
13) Acrolein	2.233	56	170	0.535	ug/l #	5
15) Acrylonitrile	3.062	53	560	0.702	ug/l	94
16) Acetone	2.373	43	989	Below Cal		95
17) Carbon Disulfide	2.514	76	1453	0.446	ug/l #	80
20) Methylene Chloride	2.788	84	688	0.520	ug/l #	67
31) Cyclohexane	5.544	56	2548	1.243	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8261	4.174	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9686	5.129	ug/l #	14
49) 1,4-Dioxane	7.696	88	34	1.085	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	57394	23.265	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57394	65.630	ug/l #	5
89) n-Butylbenzene	12.335	91	1427	0.228	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	752	0.376	ug/l	90
94) Hexachlorobutadiene	13.719	225	557	0.738	ug/l	87
95) Naphthalene	13.780	128	3736	0.536	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	947	0.490	ug/l	88

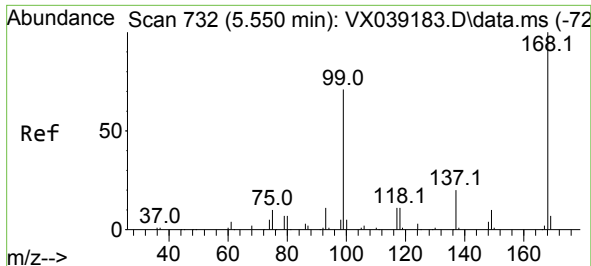
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

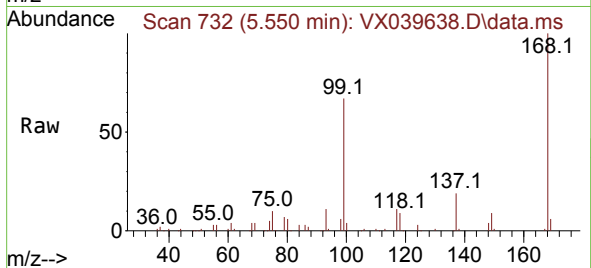
Quant Time: Jan 05 22:18:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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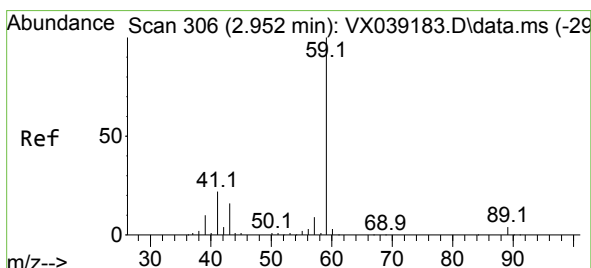
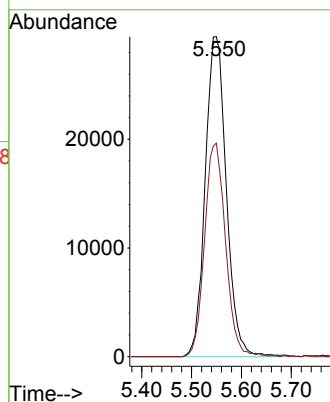
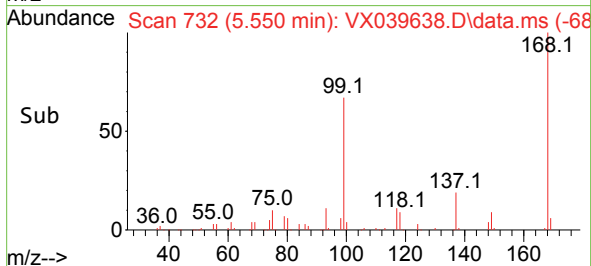


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

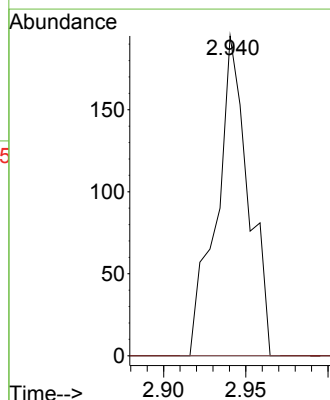
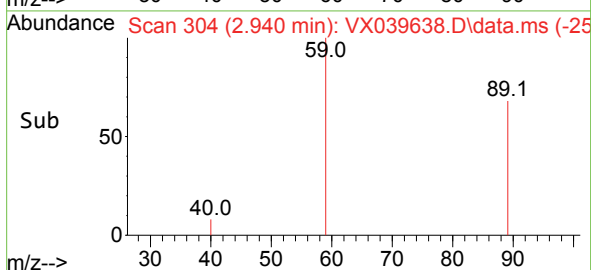
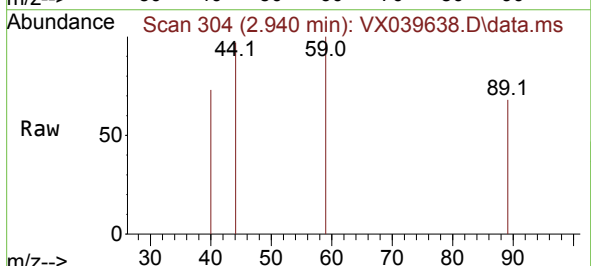


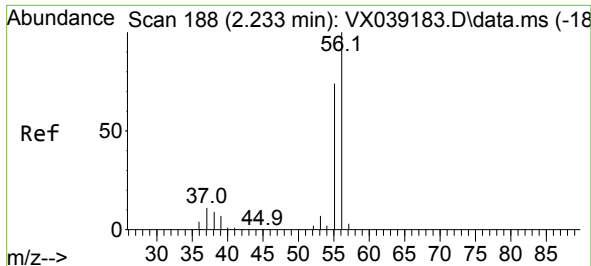
Tgt Ion:168 Resp: 86637
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.657 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.535 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

Instrument :

MSVOA_X

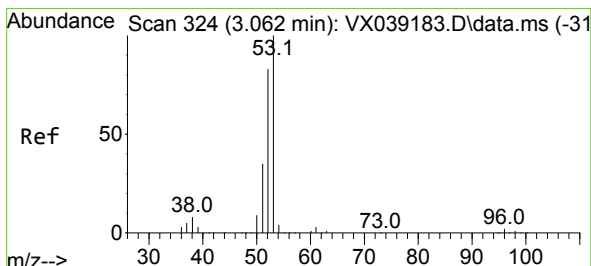
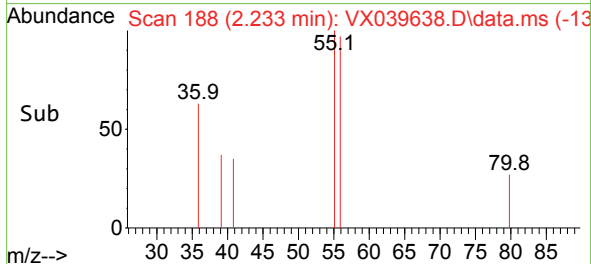
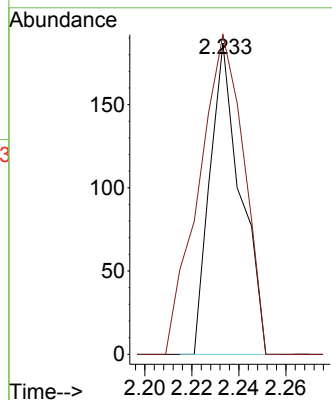
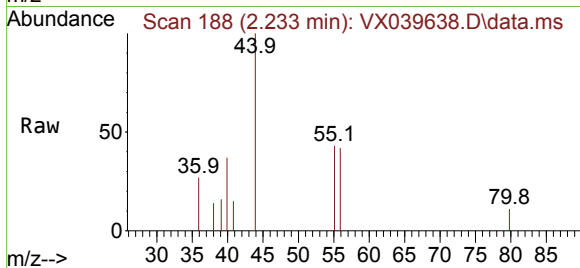
ClientSampleId :

Tgt Ion: 56 Resp: 170

Ion Ratio Lower Upper

56 100

55 150.6 57.1 85.7#



#15

Acrylonitrile

Concen: 0.702 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

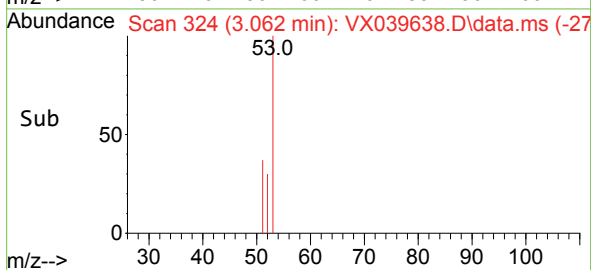
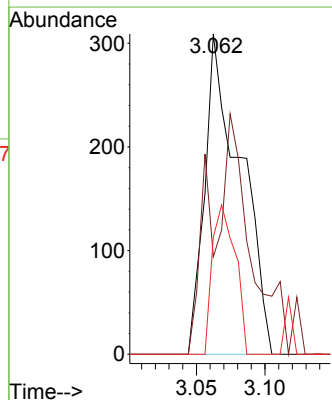
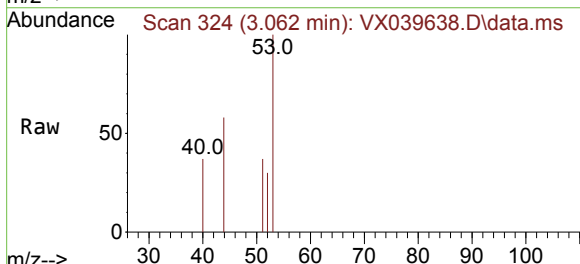
Tgt Ion: 53 Resp: 560

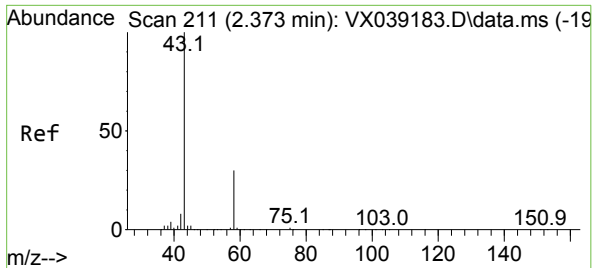
Ion Ratio Lower Upper

53 100

52 85.2 66.0 99.0

51 29.8 29.8 44.6

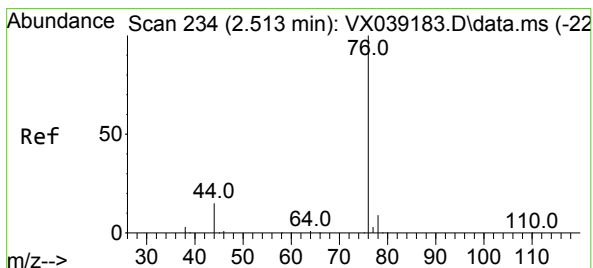
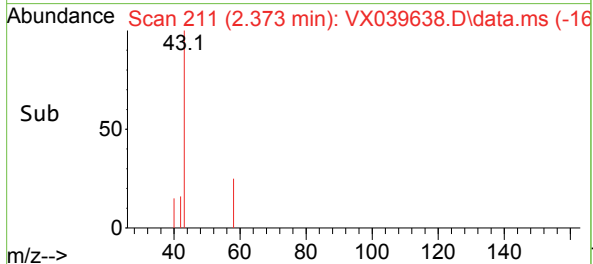
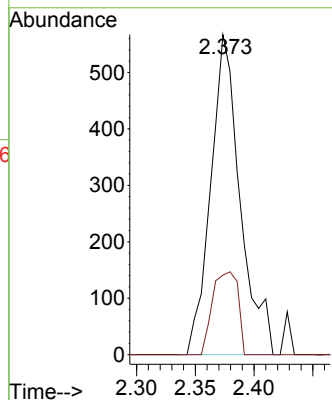
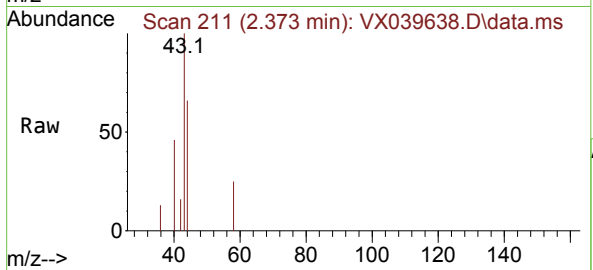




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

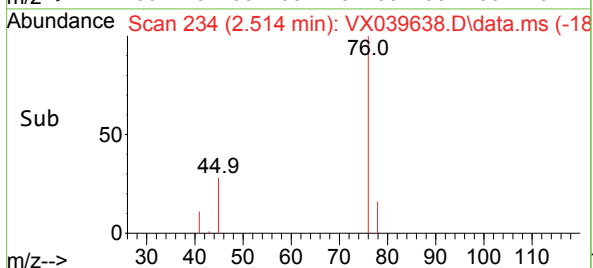
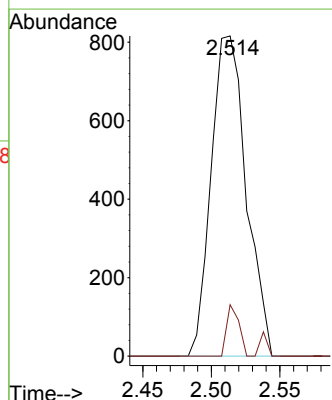
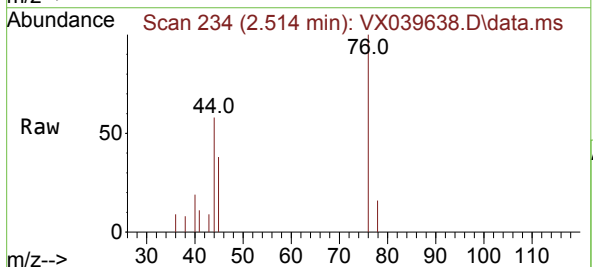
Instrument :
MSVOA_X
ClientSampleId :

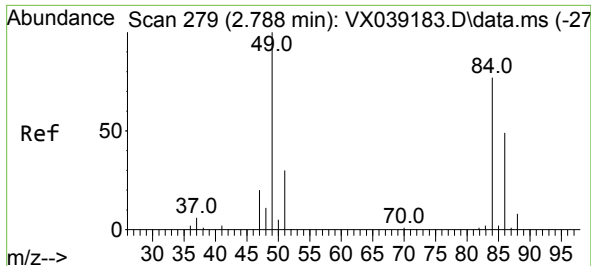
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.446 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

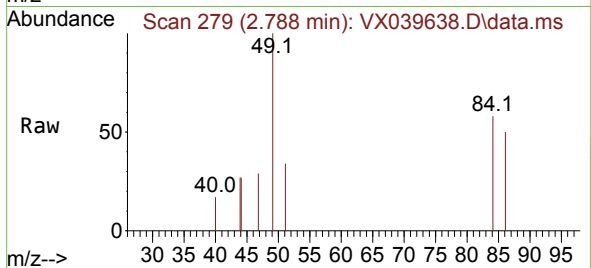
Tgt Ion: 76 Resp: 1453
Ion Ratio Lower Upper
76 100
78 16.1 7.0 10.6#





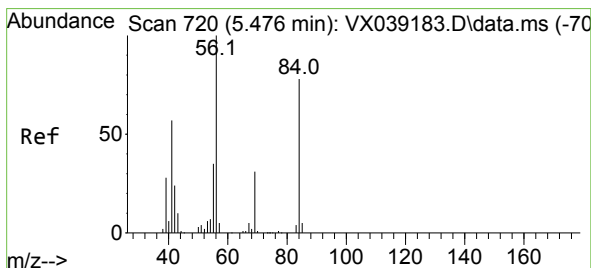
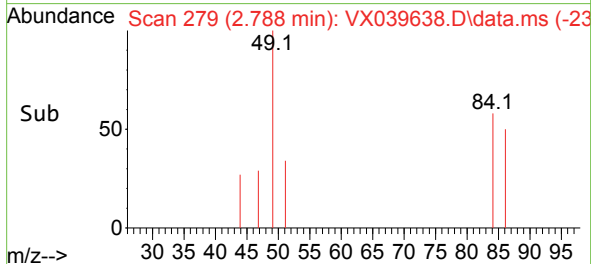
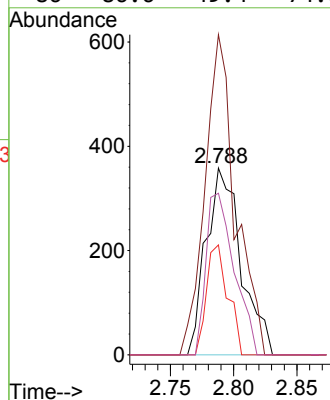
#20
Methylene Chloride
Concen: 0.520 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 688

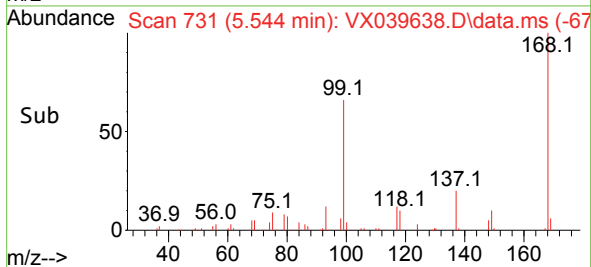
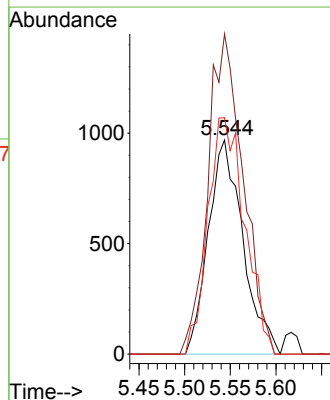
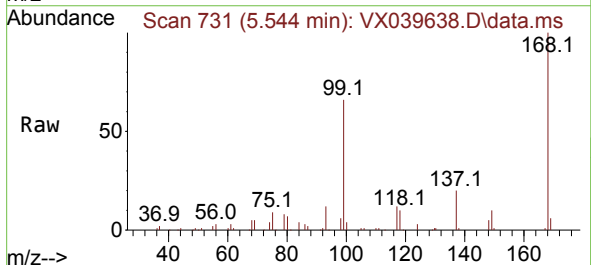
Ion	Ratio	Lower	Upper
84	100		
49	171.5	103.6	155.4#
51	58.9	33.8	50.6#
86	86.6	49.4	74.0#

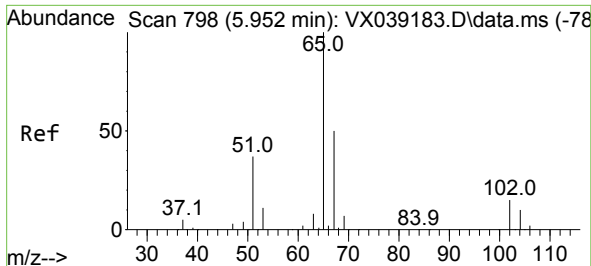


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Tgt Ion: 56 Resp: 2548

Ion	Ratio	Lower	Upper
56	100		
69	149.5	23.4	35.2#
84	110.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.660 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

Instrument :

MSVOA_X

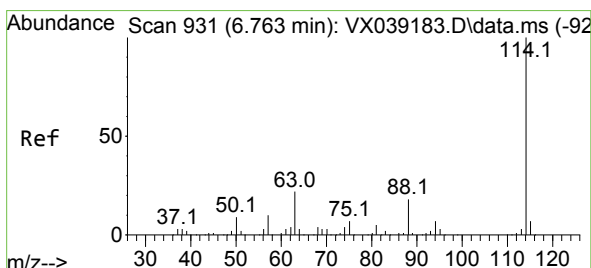
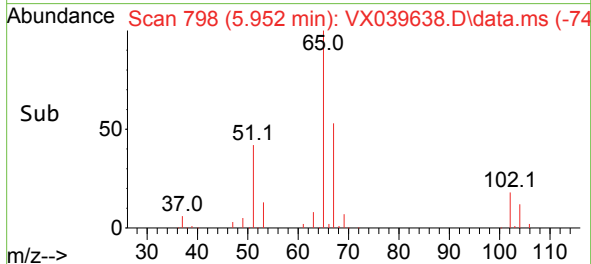
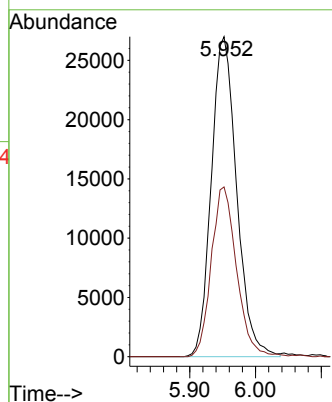
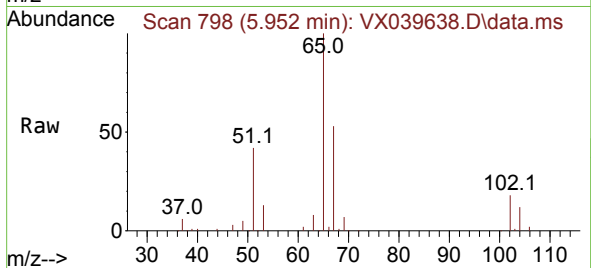
ClientSampleId :

Tgt Ion: 65 Resp: 72468

Ion Ratio Lower Upper

65 100

67 52.8 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: VX039638.D

Acq: 05 Jan 2024 11:00

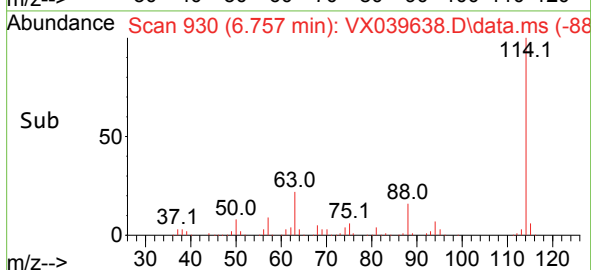
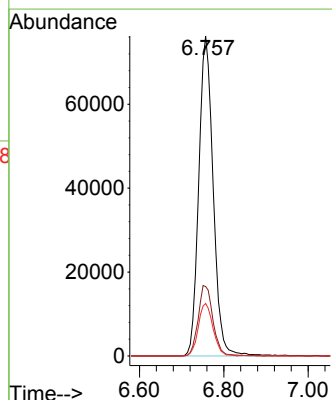
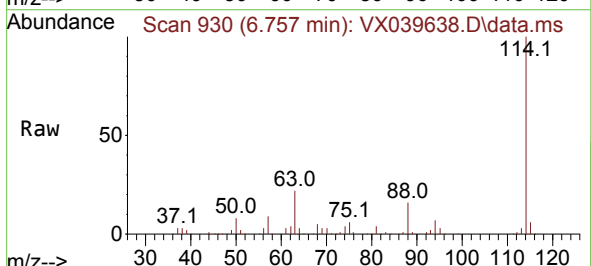
Tgt Ion: 114 Resp: 181530

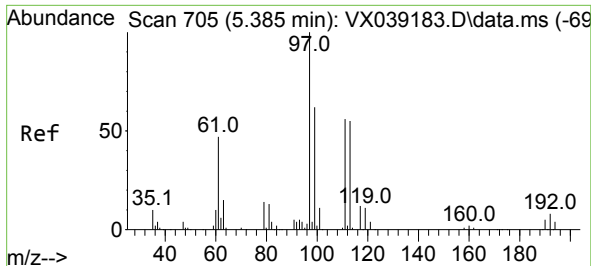
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.652 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

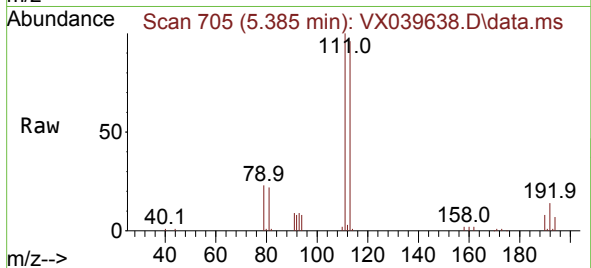
Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

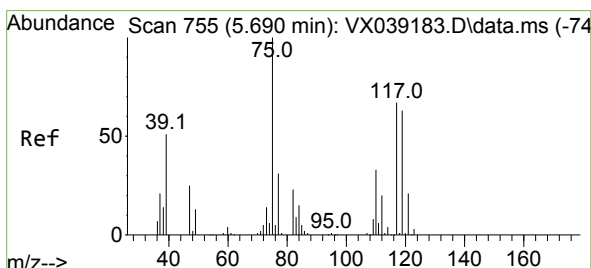
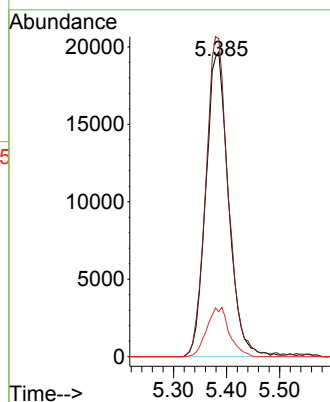
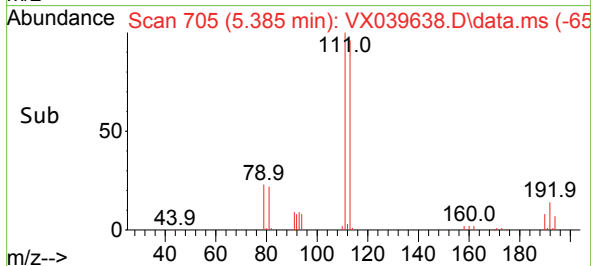
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	58506
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	16.1	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.174 ug/l

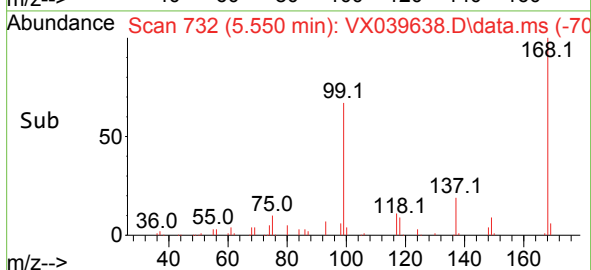
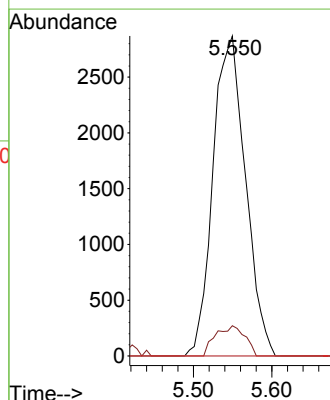
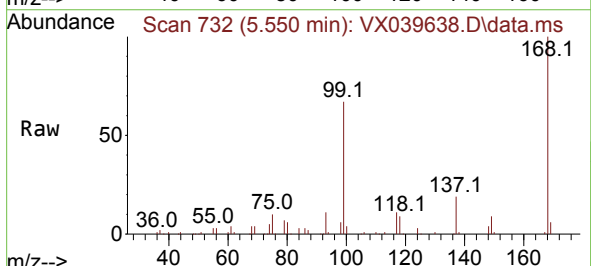
RT: 5.550 min Scan# 732

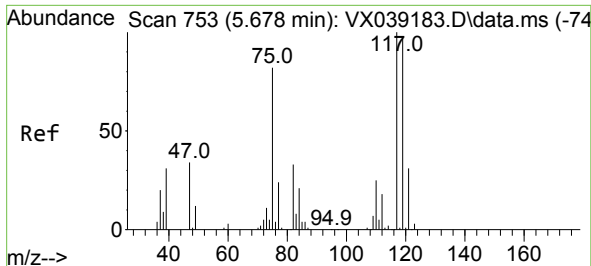
Delta R.T. -0.140 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

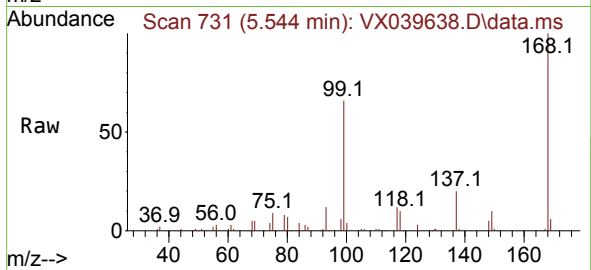
Tgt Ion:	75	Resp:	8261
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.7	37.1#



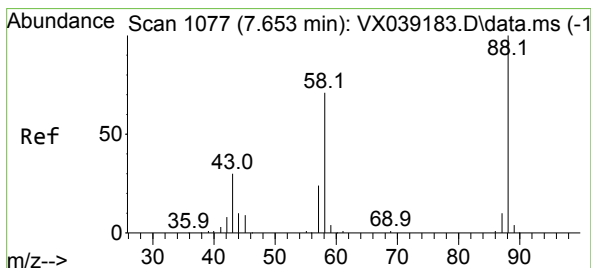
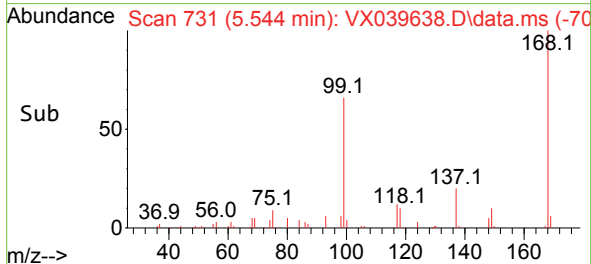
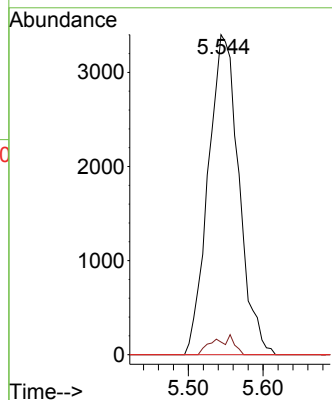


#38
Carbon Tetrachloride
Concen: 5.129 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

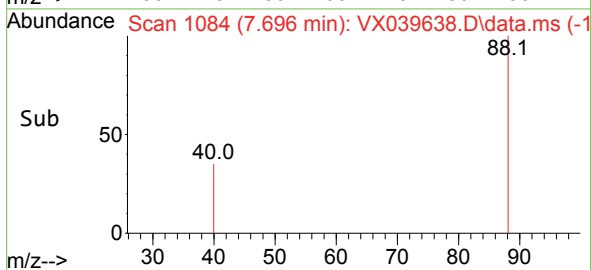
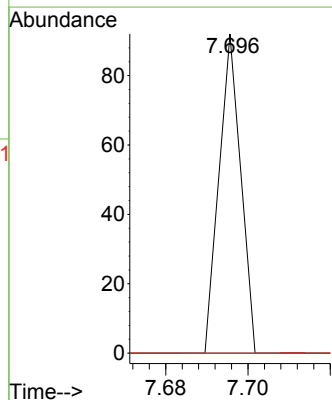
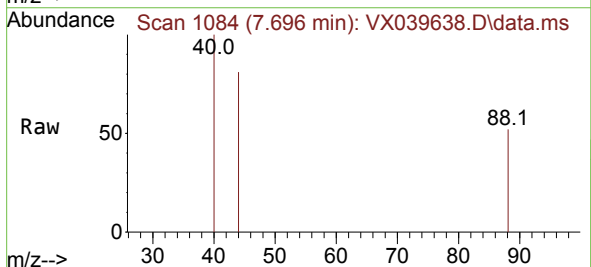


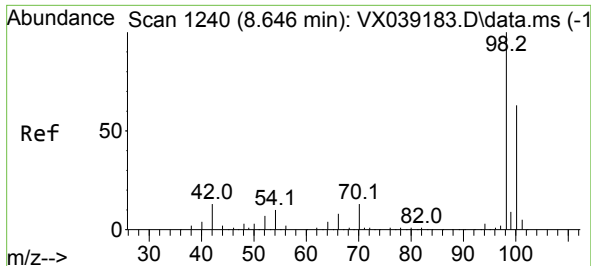
Tgt Ion:117 Resp: 9686
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.085 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.043 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

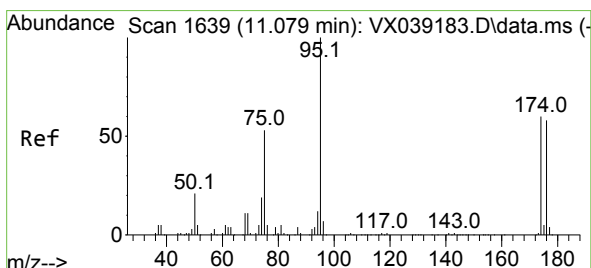
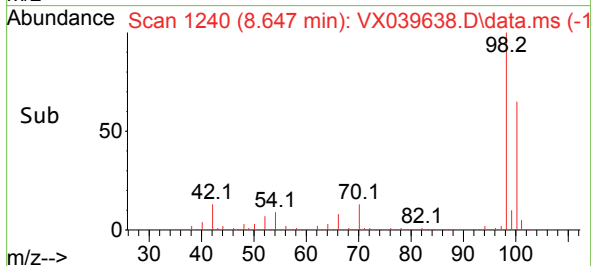
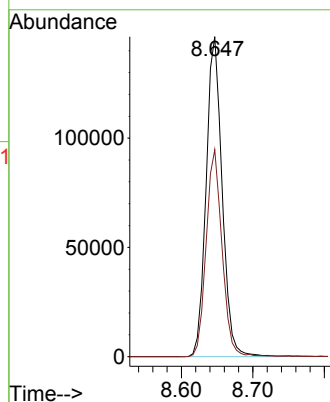
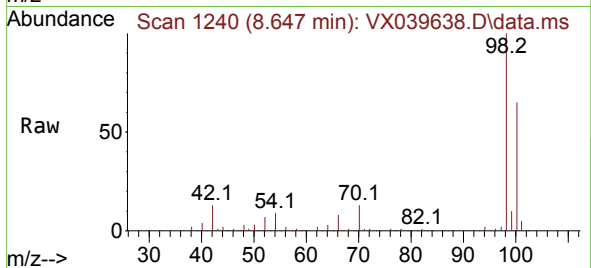




#50
Toluene-d8
Concen: 48.911 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

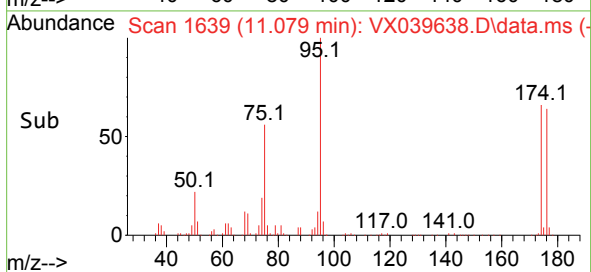
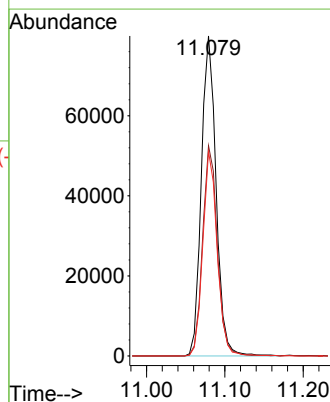
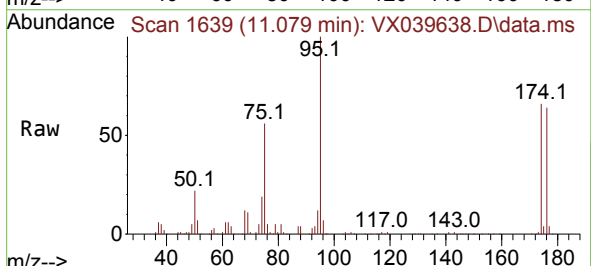
Instrument :
MSVOA_X
ClientSampleId :

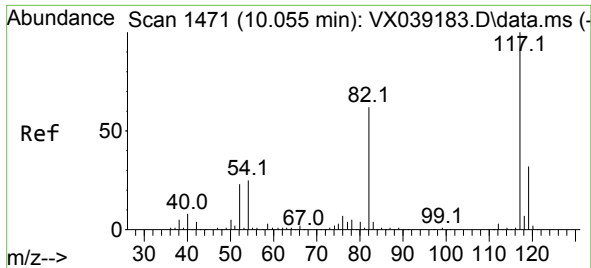
Tgt Ion: 98 Resp: 227723
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

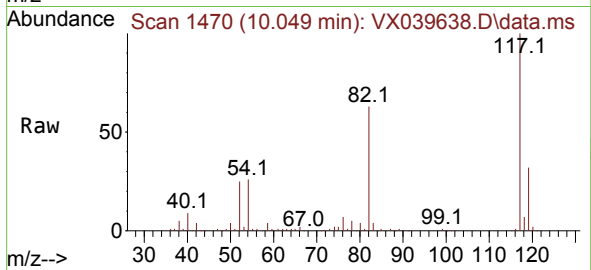
Tgt Ion: 95 Resp: 104680
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.6
176 62.1 0.0 131.0



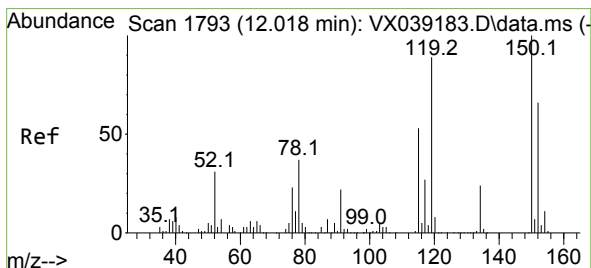
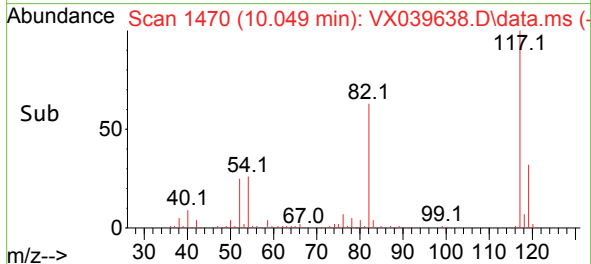
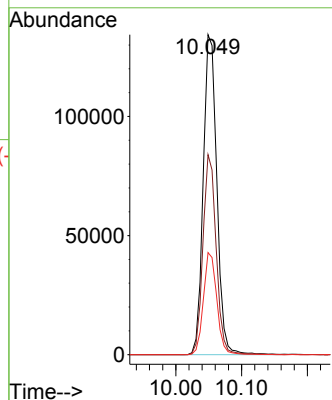


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :

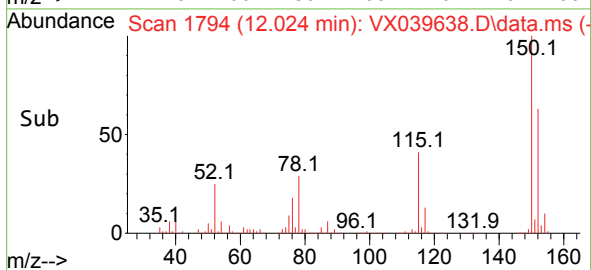
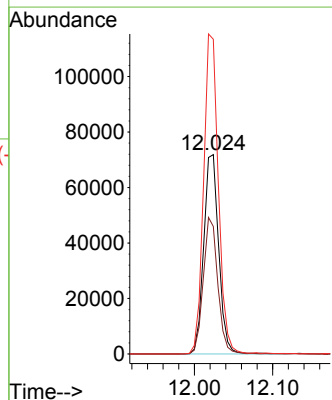
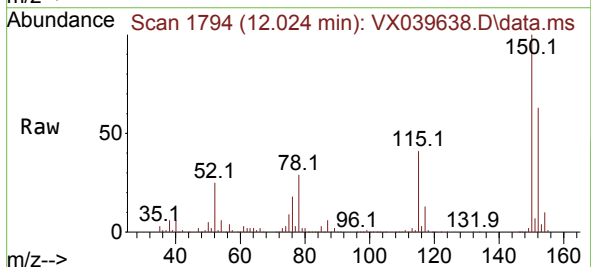


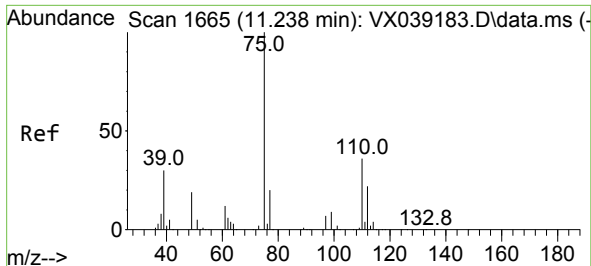
Tgt Ion:117 Resp: 193379
Ion Ratio Lower Upper
117 100
82 62.5 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Tgt Ion:152 Resp: 95355
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 158.4 0.0 345.0

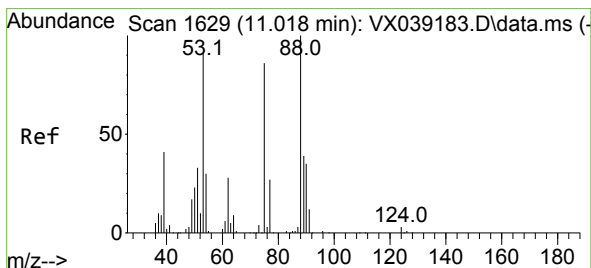
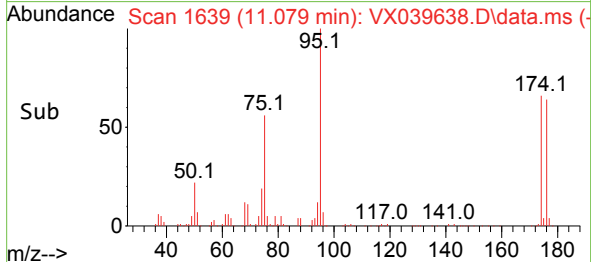
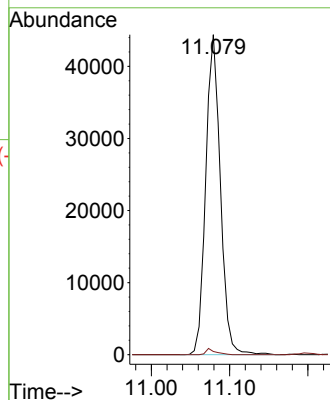
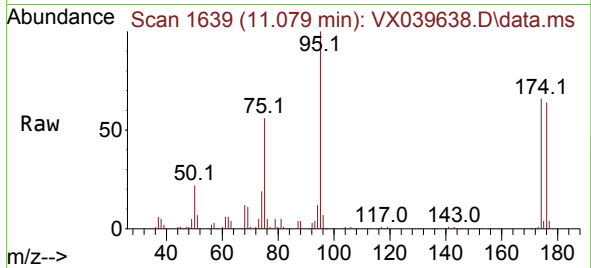




#76
1,2,3-Trichloropropane
Concen: 23.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

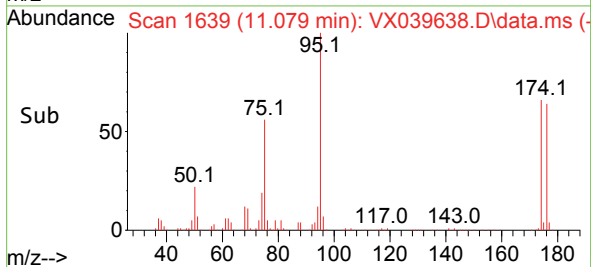
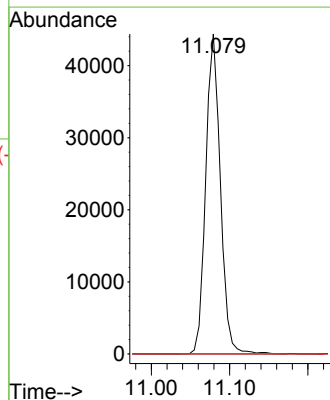
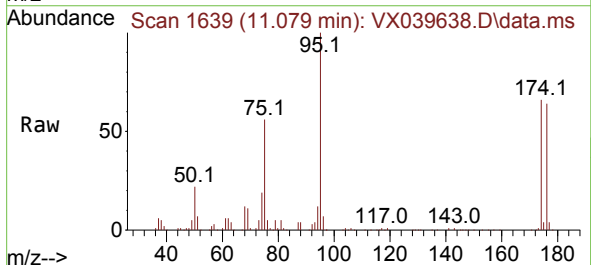
Instrument :
MSVOA_X
ClientSampleId :

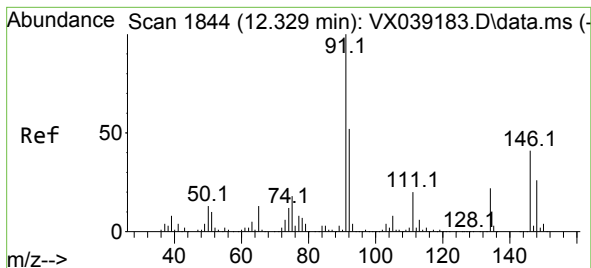
Tgt Ion: 75 Resp: 57394
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039638.D
Acq: 05 Jan 2024 11:00

Tgt Ion: 75 Resp: 57394
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.228 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

Instrument :

MSVOA_X

ClientSampleId :

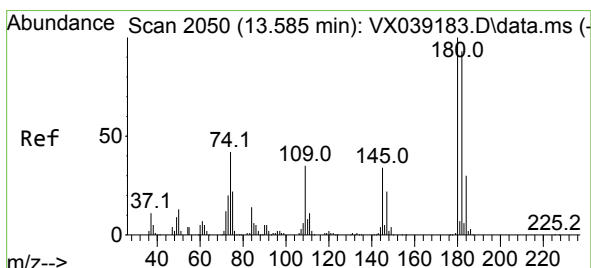
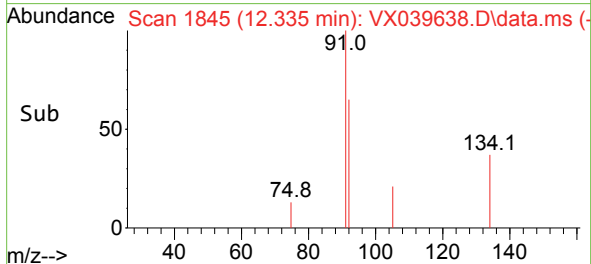
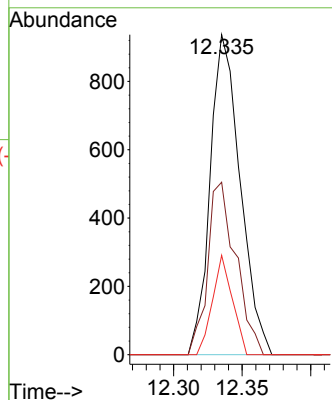
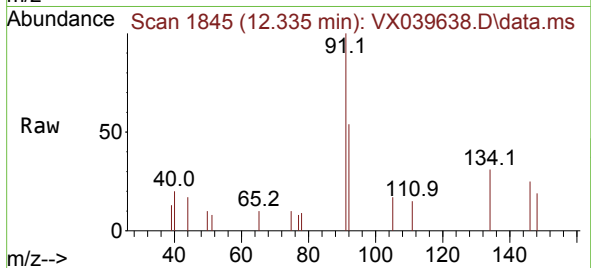
Tgt Ion: 91 Resp: 1427

Ion Ratio Lower Upper

91 100

92 50.5 27.4 82.0

134 20.5 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.376 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

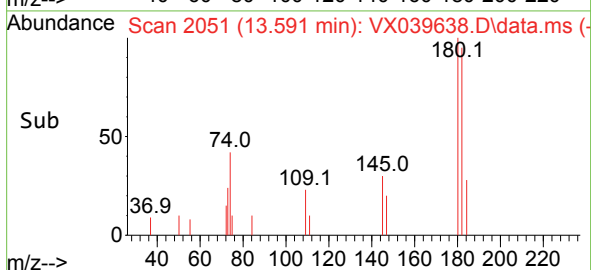
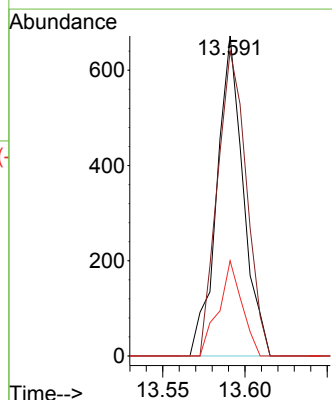
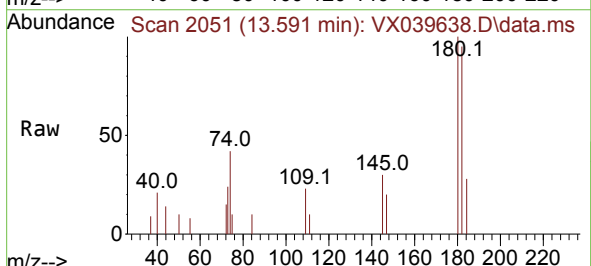
Tgt Ion: 180 Resp: 752

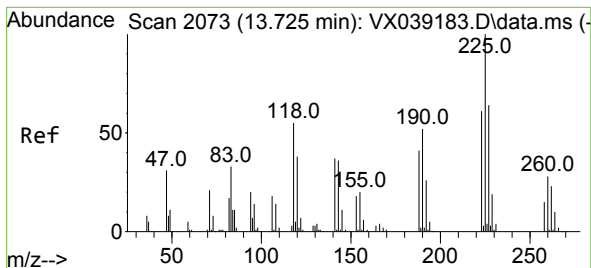
Ion Ratio Lower Upper

180 100

182 104.1 48.3 144.8

145 26.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.738 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

Instrument :

MSVOA_X

ClientSampleId :

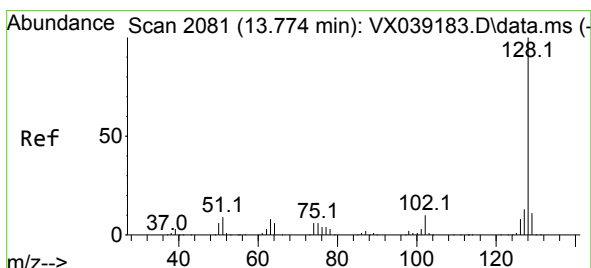
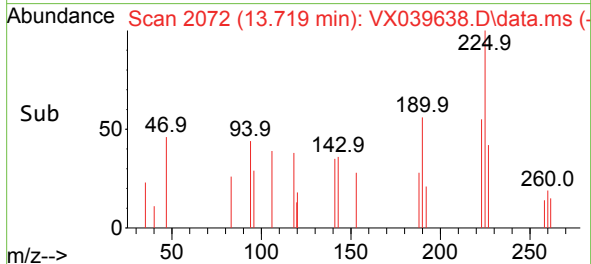
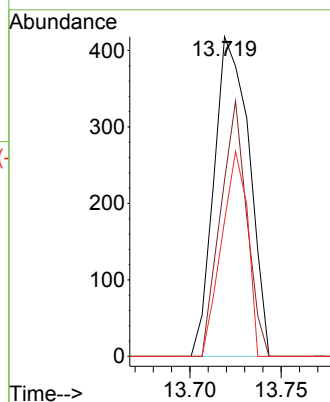
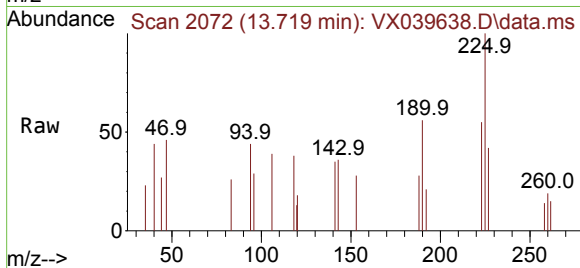
Tgt Ion:225 Resp: 557

Ion Ratio Lower Upper

225 100

223 60.0 31.1 93.2

227 47.4 32.5 97.5



#95

Naphthalene

Concen: 0.536 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039638.D

Acq: 05 Jan 2024 11:00

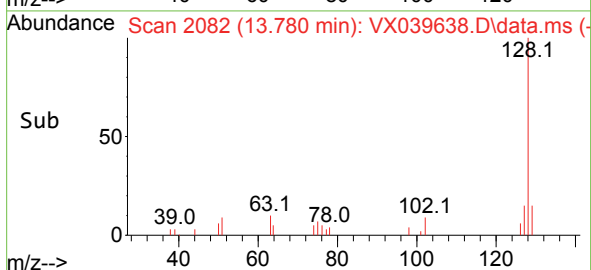
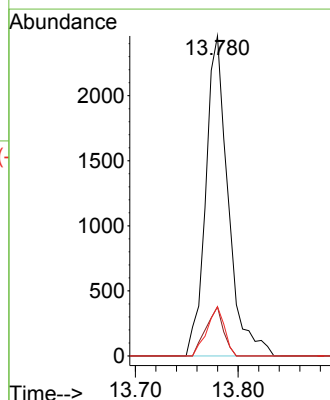
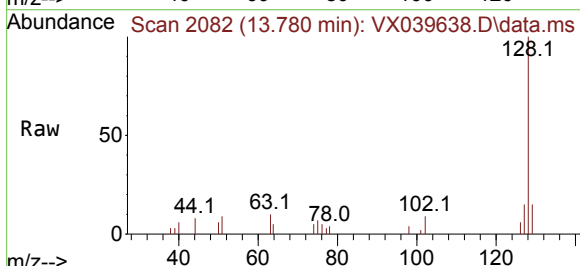
Tgt Ion:128 Resp: 3736

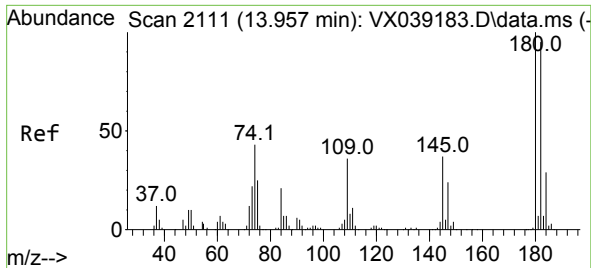
Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

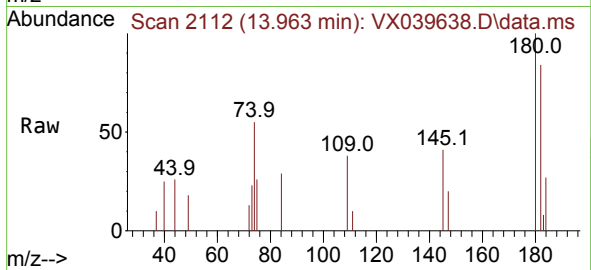
129 12.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.490 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX039638.D
 Acq: 05 Jan 2024 11:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	947
Ion	Ratio	Lower	Upper
180	100		
182	81.7	46.9	140.6
145	30.3	17.8	53.5

