

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039810.D
 Acq On : 18 Jan 2024 12:00
 Operator : JC/MD
 Sample : PB158485TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158485TB

Quant Time: Jan 19 00:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76688	45.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.379	113	59444	47.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	236187	49.822	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	95105	51.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.600%

Target Compounds				Qvalue		
11) Tert butyl alcohol	2.947	59	519	1.189	ug/l #	78
13) Acrolein	2.233	56	71	Below Cal	#	60
16) Acetone	2.374	43	19609	20.797	ug/l	92
17) Carbon Disulfide	2.520	76	1074	0.310	ug/l #	76
18) Methyl Acetate	2.703	43	1200	0.608	ug/l	100
20) Methylene Chloride	2.788	84	3797	2.662	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	289	0.228	ug/l #	26
25) 2-Butanone	4.568	43	2007	1.481	ug/l #	80
29) Tetrahydrofuran	5.032	42	267	0.306	ug/l #	48
31) Cyclohexane	5.544	56	2882	1.303	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	9086	4.644	ug/l #	49
37) Ethyl Acetate	4.727	43	2506	0.960	ug/l #	78
38) Carbon Tetrachloride	5.544	117	10782	6.017	ug/l #	15
41) Methacrylonitrile	5.013	41	318	0.249	ug/l #	28
43) Isopropyl Acetate	6.330	43	84975	22.193	ug/l	99
48) Methyl methacrylate	7.793	41	75793	40.272	ug/l #	49
49) 1,4-Dioxane	7.793	88	65	1.785	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	62951	23.872	ug/l #	51
54) cis-1,3-Dichloropropene	8.543	75	26093	11.763	ug/l #	61
56) Ethyl methacrylate	9.238	69	486	0.213	ug/l #	1
59) 2-Hexanone	9.482	43	50367	24.133	ug/l #	53
65) Chlorobenzene	10.079	112	865	0.225	ug/l #	66
68) m/p-Xylenes	10.311	106	729	0.278	ug/l #	67
74) N-amyl acetate	10.640	43	14872	3.976	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	52093	22.293	ug/l #	39
78) n-propylbenzene	11.305	91	2097	0.241	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	52093	64.600	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1418	0.233	ug/l	92
85) sec-Butylbenzene	11.890	105	1682	0.223	ug/l	91
86) p-Isopropyltoluene	12.012	119	1851	0.307	ug/l #	76
87) 1,3-Dichlorobenzene	11.969	146	1203	0.393	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1203	0.380	ug/l	94
89) n-Butylbenzene	12.329	91	2788	0.478	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	663	0.219	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1572	0.850	ug/l	89
94) Hexachlorobutadiene	13.725	225	685	0.891	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 19 00:37:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

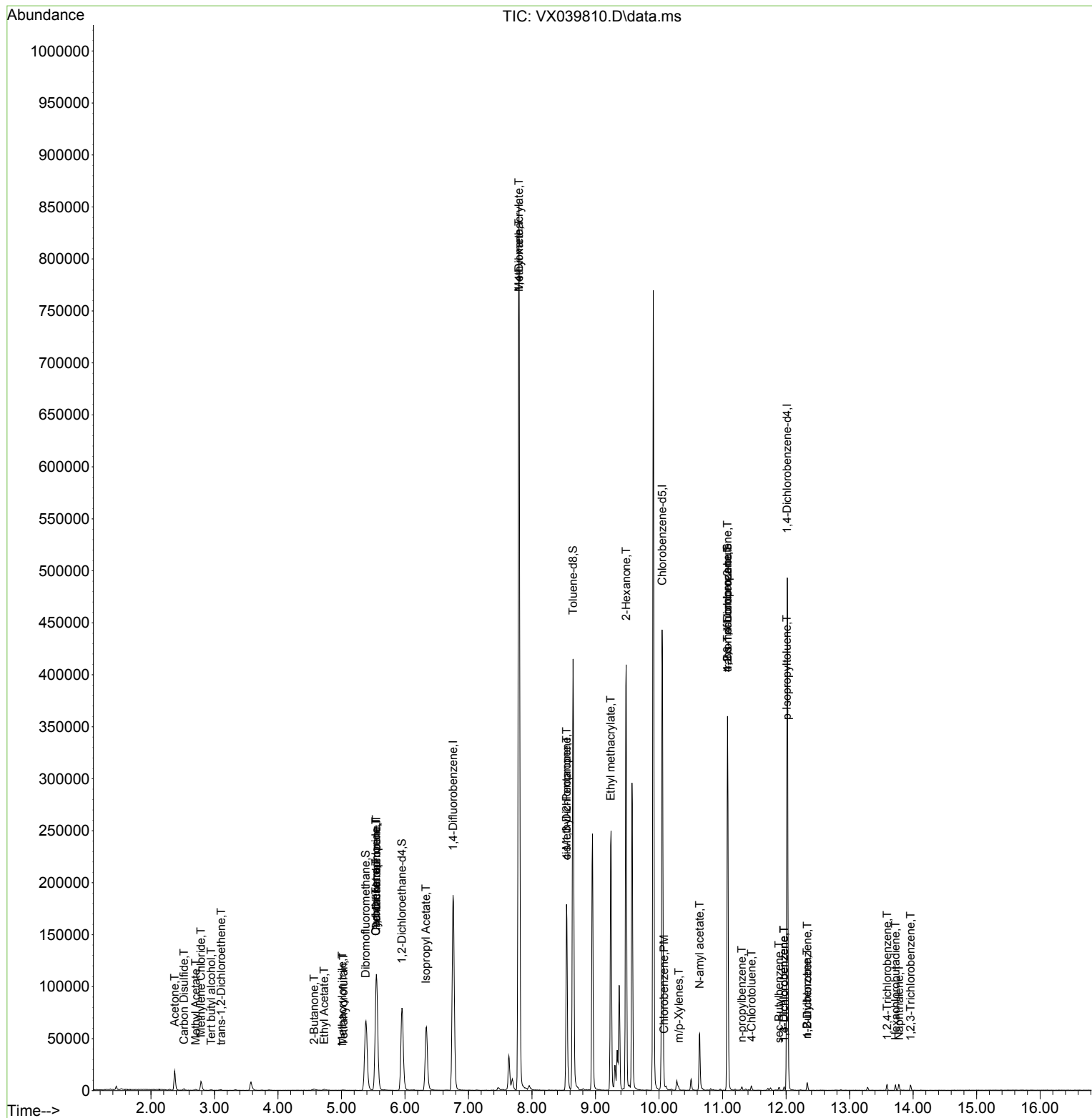
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.780	128	4192	0.615	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1268	0.679	ug/l	90

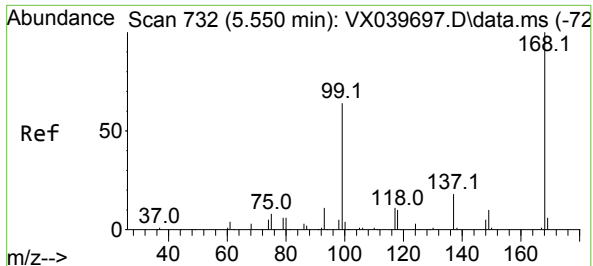
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
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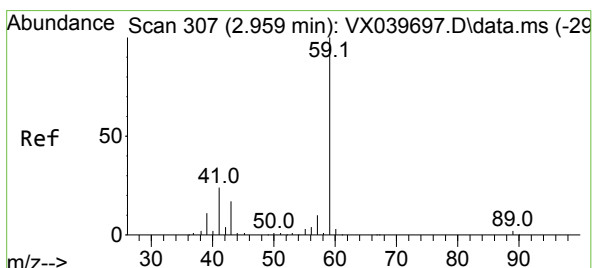
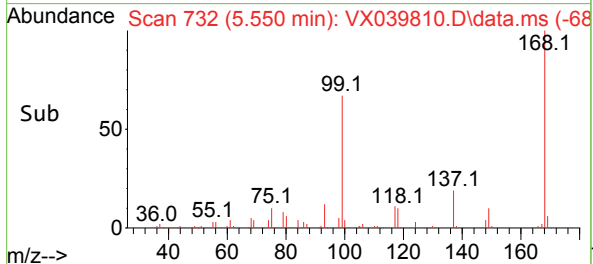
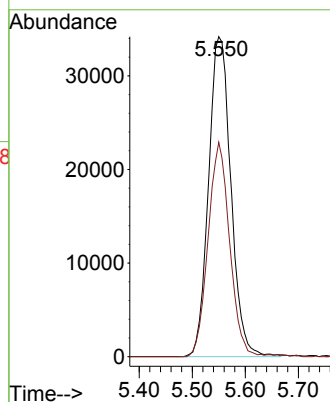
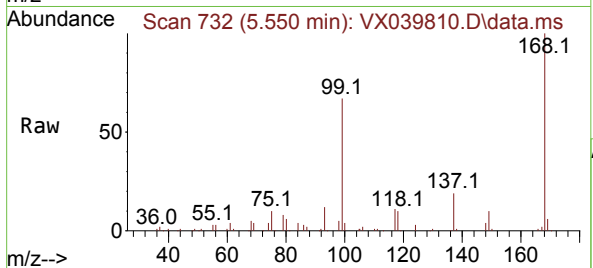




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

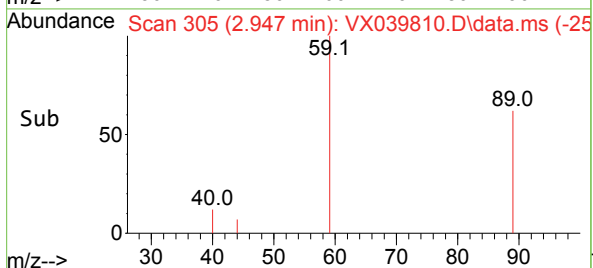
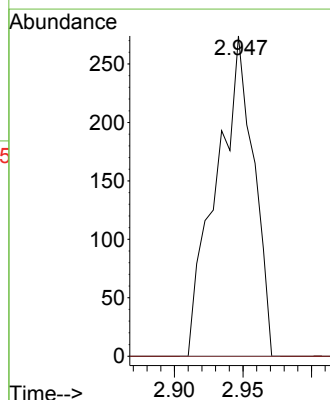
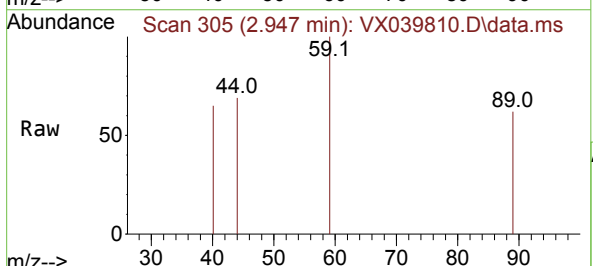
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

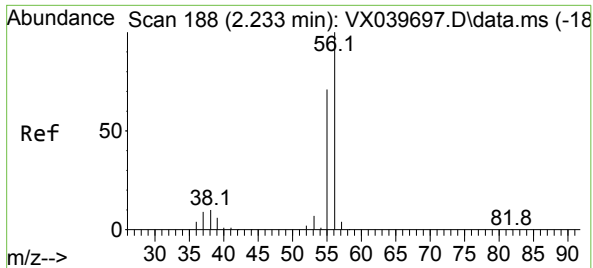
Tgt Ion:168 Resp: 100084
Ion Ratio Lower Upper
168 100
99 67.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.189 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

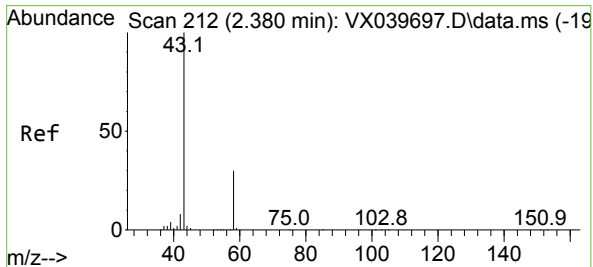
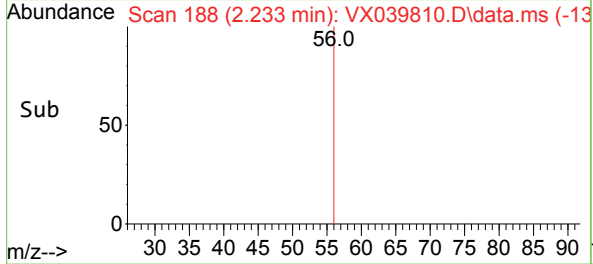
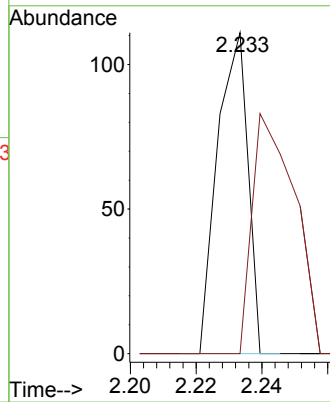
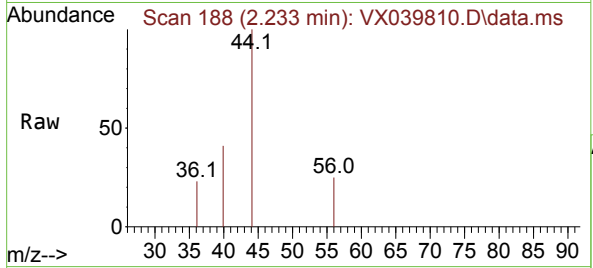




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

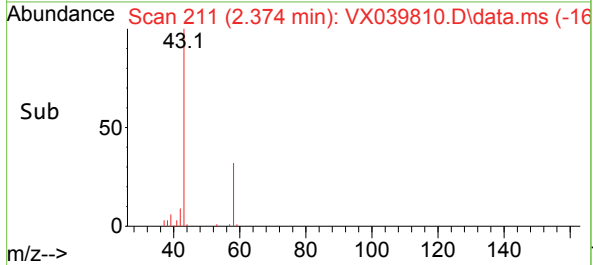
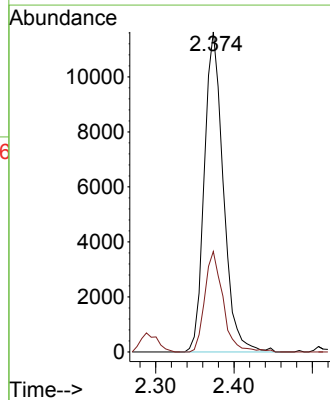
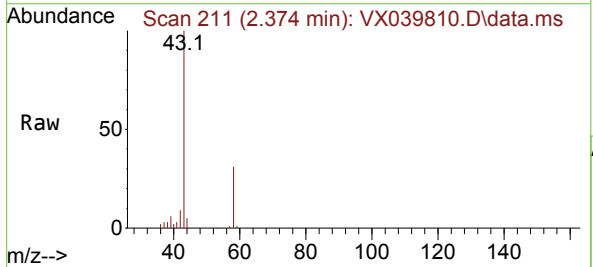
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MSVOA_X
ClientSampleId :
PB158485TB

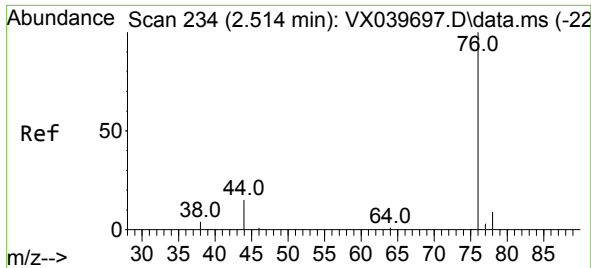
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 104.2 57.1 85.7#



#16
Acetone
Concen: 20.797 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 43 Resp: 19609
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9

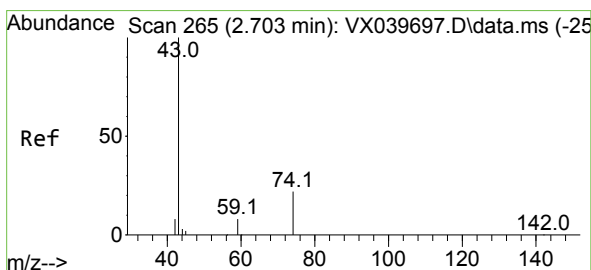
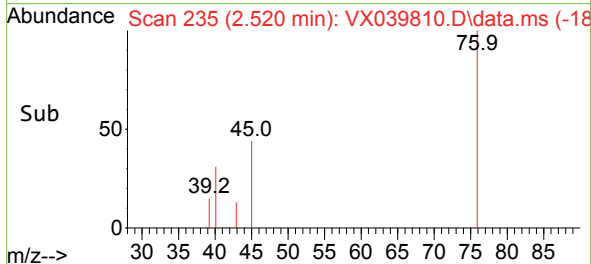
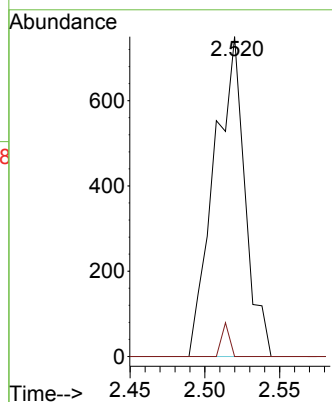
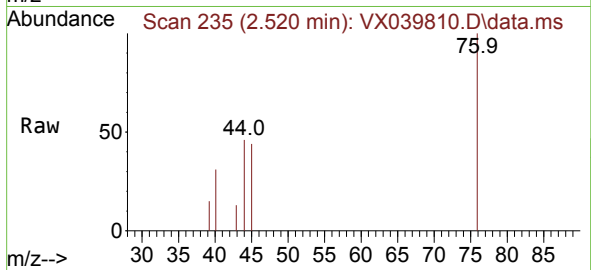




#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

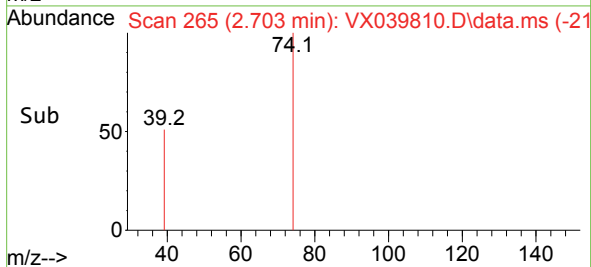
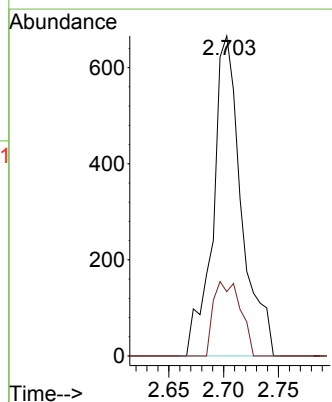
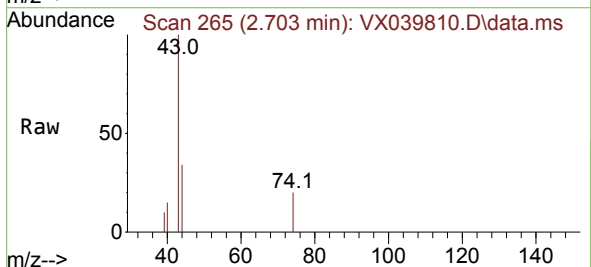
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

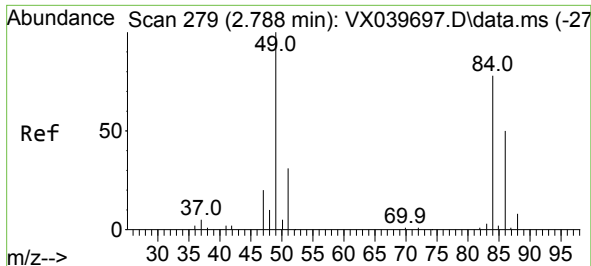
Tgt Ion: 76 Resp: 1074
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8



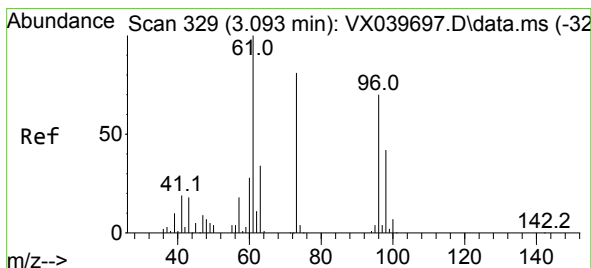
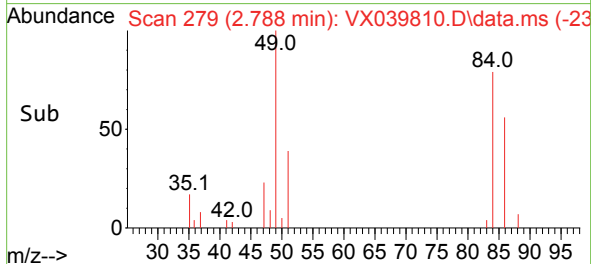
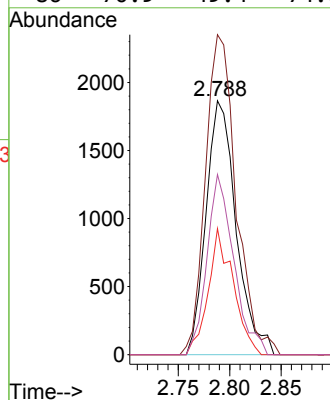
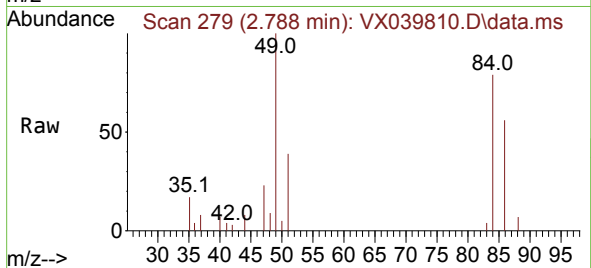


#20
Methylene Chloride
Concen: 2.662 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

Tgt Ion: 84 Resp: 3797

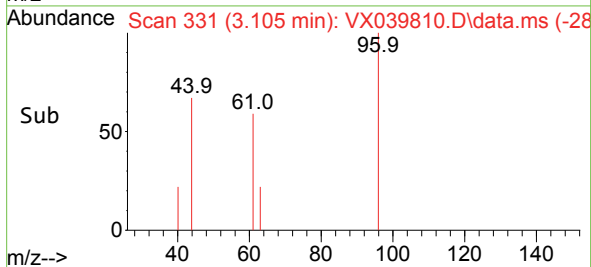
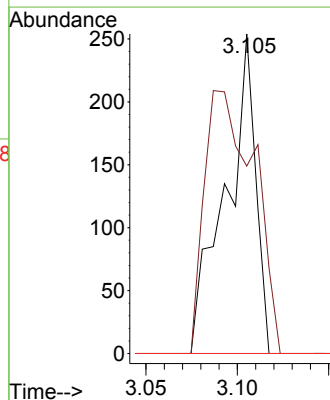
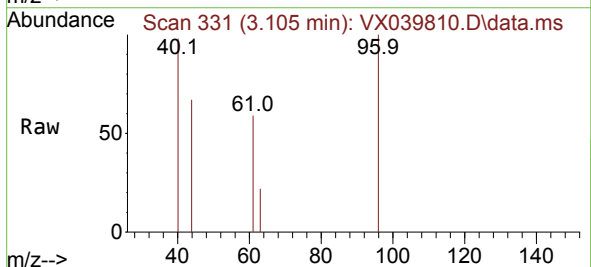
Ion	Ratio	Lower	Upper
84	100		
49	126.0	103.6	155.4
51	49.6	33.8	50.6
86	70.9	49.4	74.0

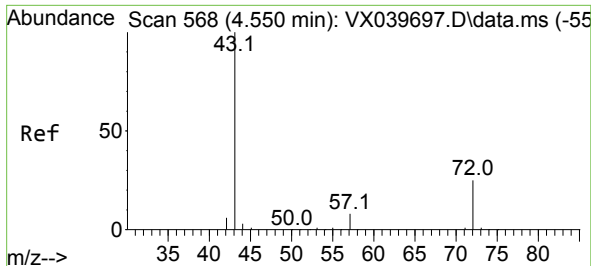


#21
trans-1,2-Dichloroethene
Concen: 0.228 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 96 Resp: 289

Ion	Ratio	Lower	Upper
96	100		
61	58.7	119.2	178.8#
98	0.0	48.7	73.1#

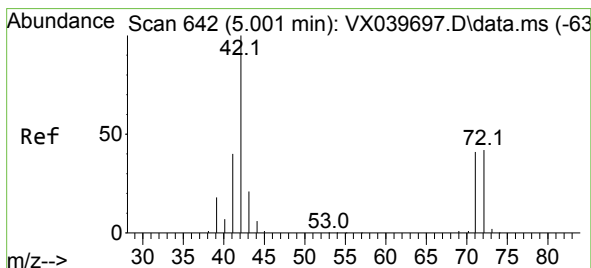
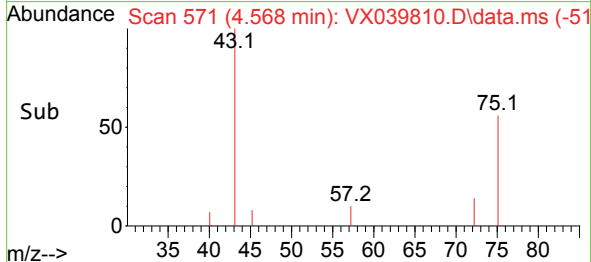
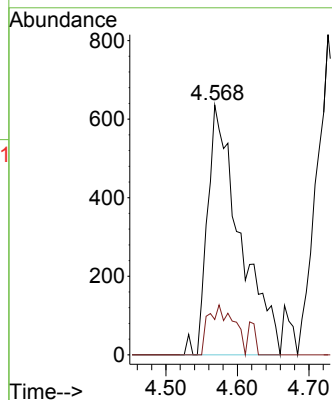
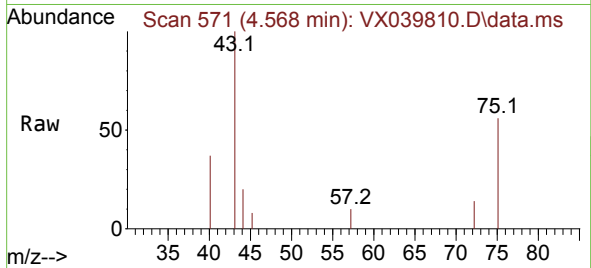




#25
2-Butanone
Concen: 1.481 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

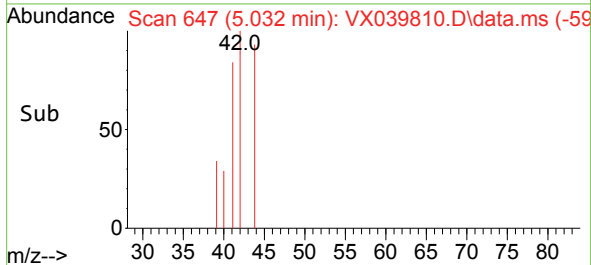
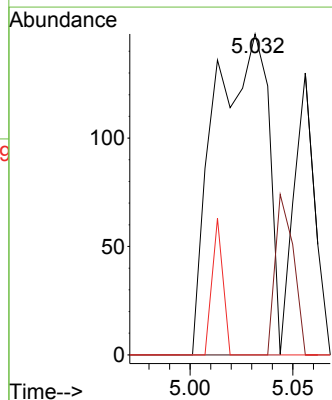
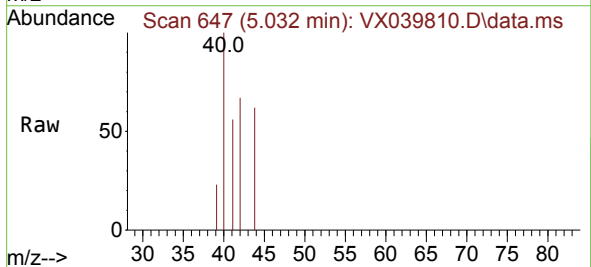
Instrument :
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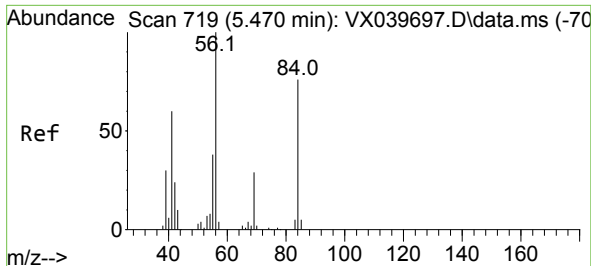
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
72 14.2 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.306 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

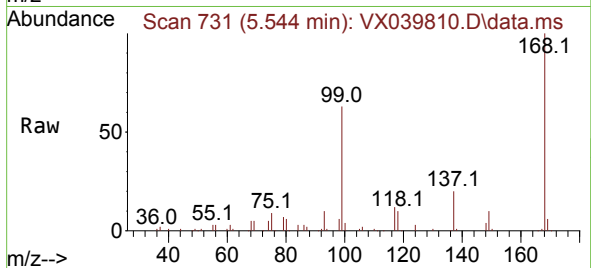
Tgt Ion: 42 Resp: 267
Ion Ratio Lower Upper
42 100
72 17.2 34.2 51.4#
71 0.0 32.2 48.2#





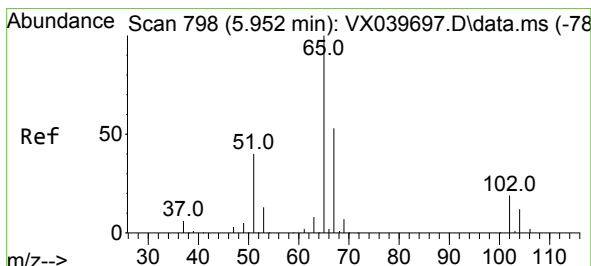
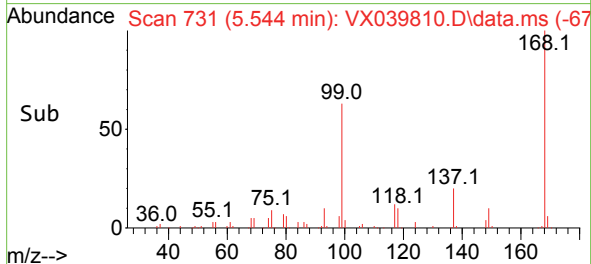
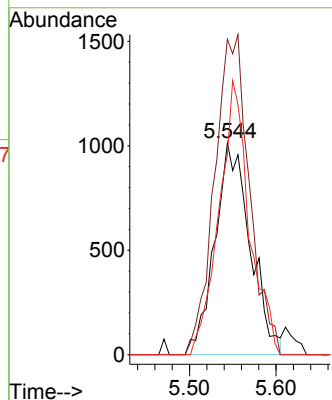
#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Instrument :
MSVOA_X
ClientSampleId :
PB158485TB



Tgt Ion: 56 Resp: 2882

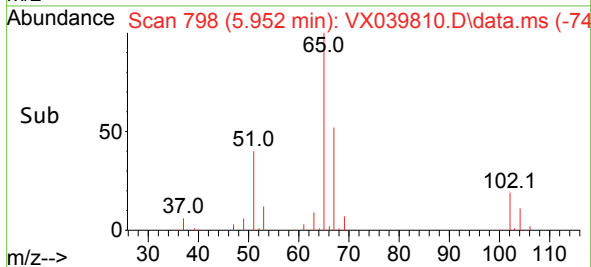
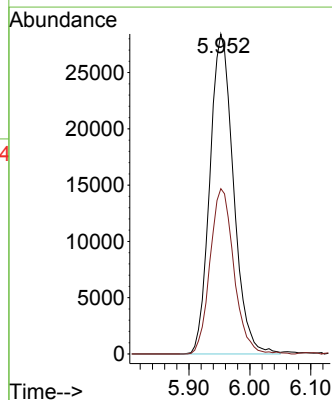
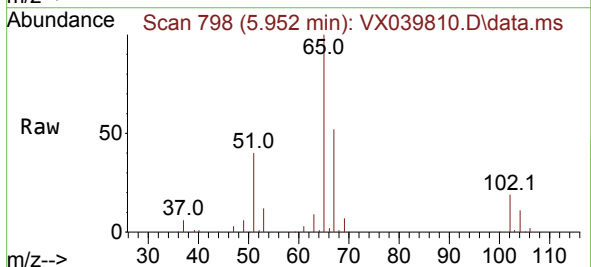
Ion	Ratio	Lower	Upper
56	100		
69	148.9	23.4	35.2#
84	94.7	65.9	98.9

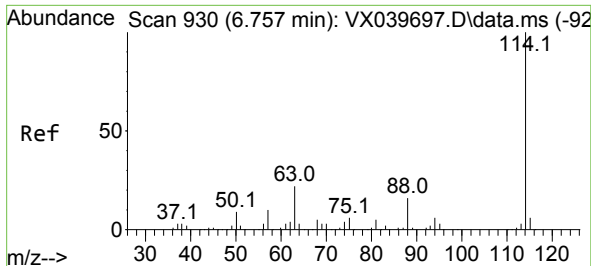


#33
1,2-Dichloroethane-d4
Concen: 45.741 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 65 Resp: 76688

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.2

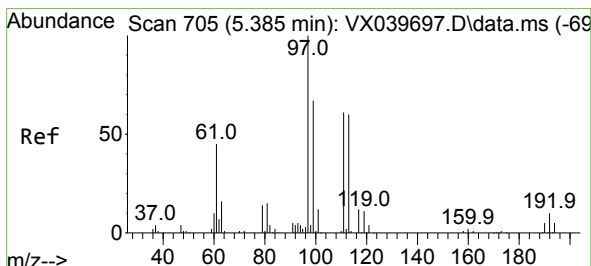
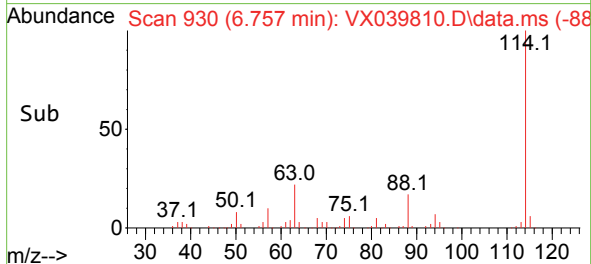
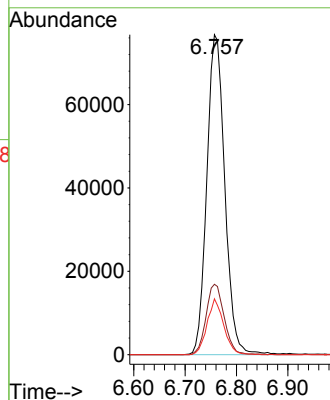
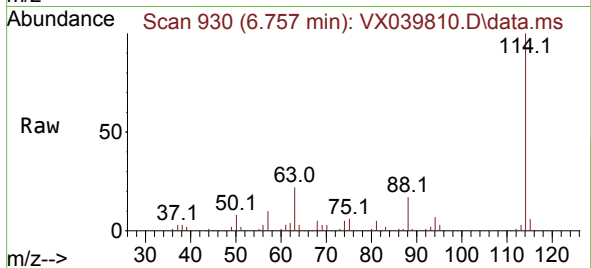




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

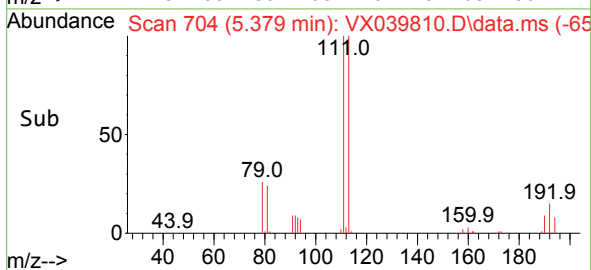
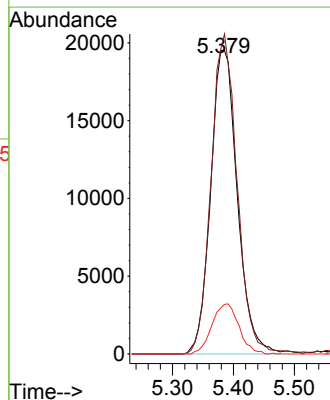
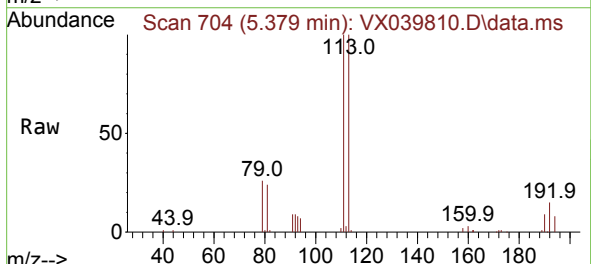
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

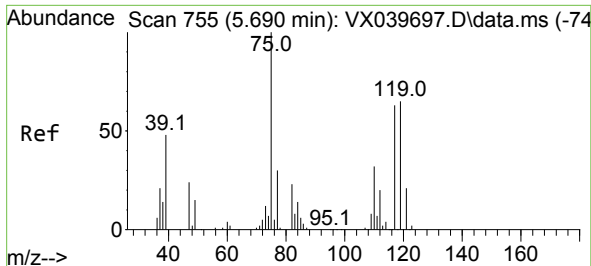
Tgt Ion:114 Resp: 186617
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.292 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion:113 Resp: 59444
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.6 13.3 19.9

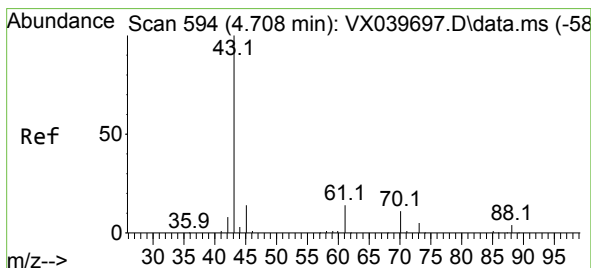
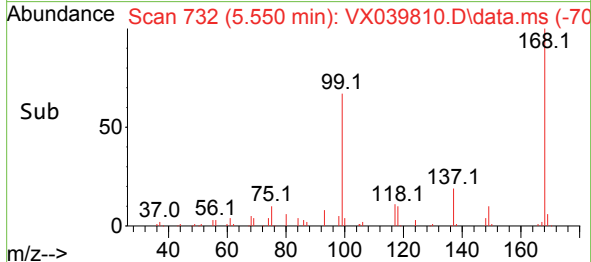
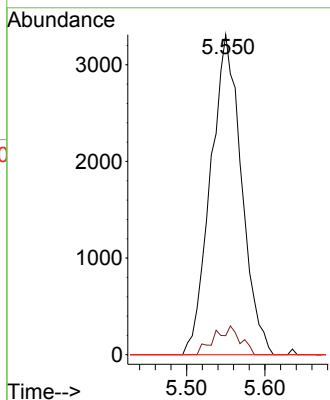
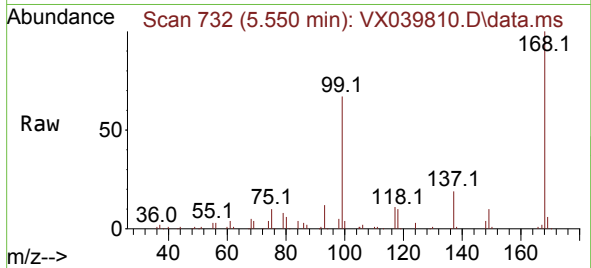




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

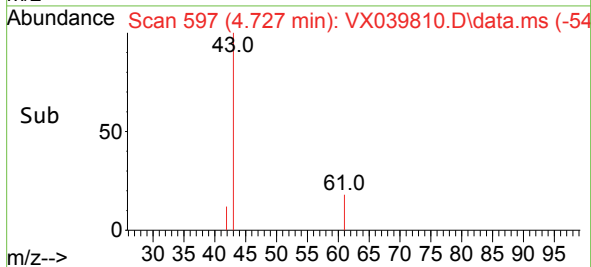
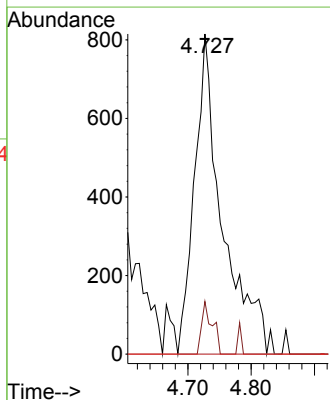
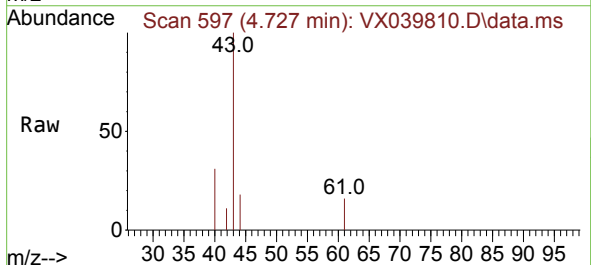
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

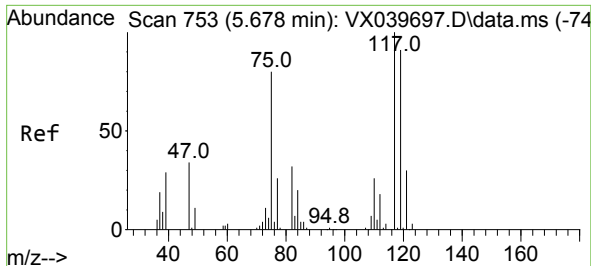
Tgt Ion: 75 Resp: 9086
Ion Ratio Lower Upper
75 100
110 7.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.960 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

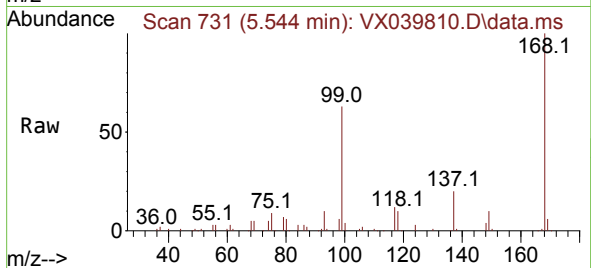
Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
61 6.3 10.6 16.0#
70 0.0 8.3 12.5#



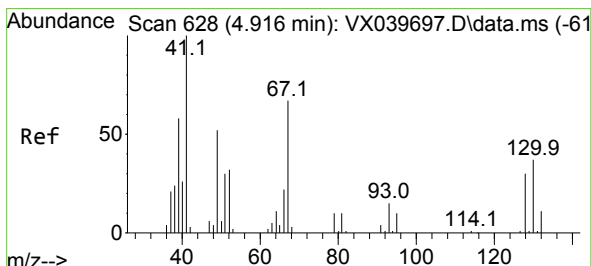
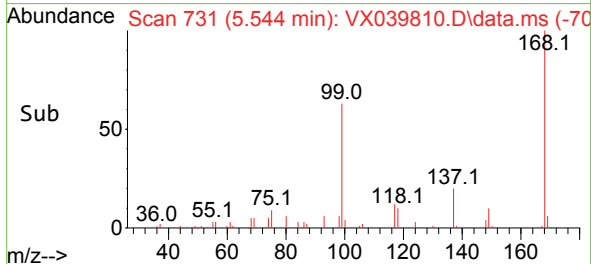
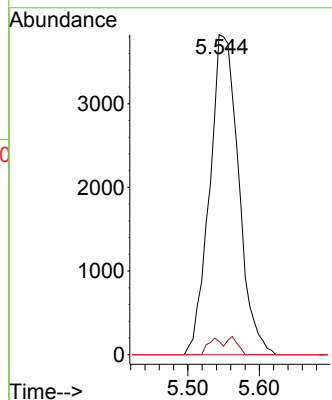


#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

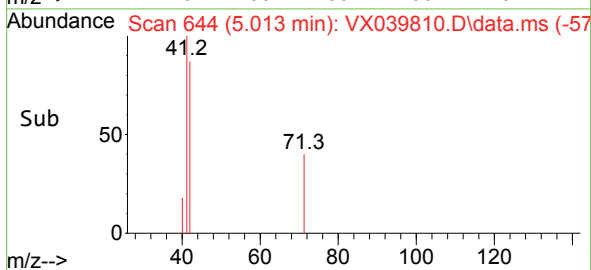
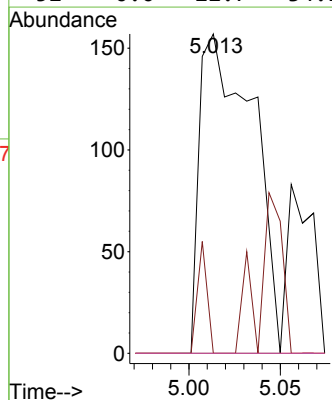
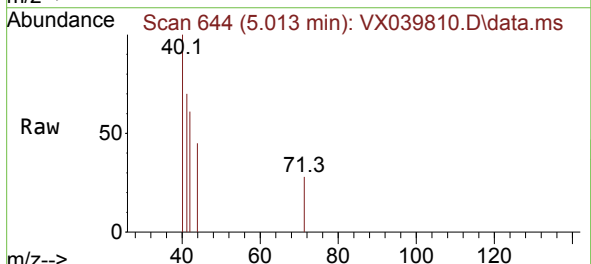


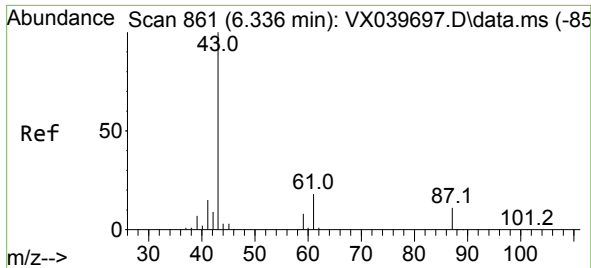
Tgt Ion:117 Resp: 10782
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.098 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 41 Resp: 318
Ion Ratio Lower Upper
41 100
39 6.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

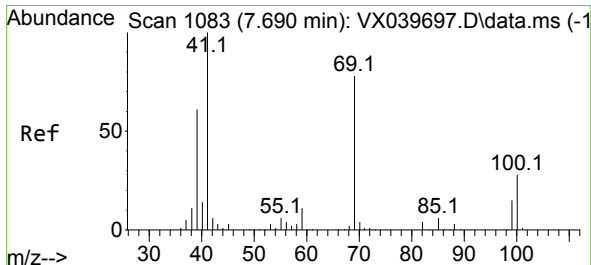
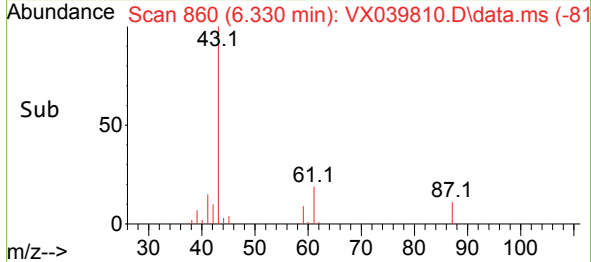
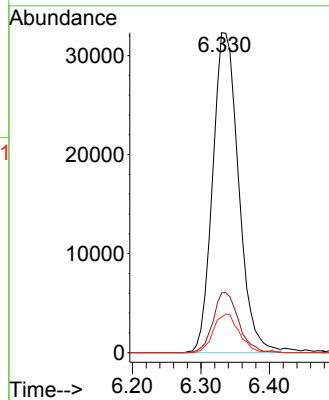
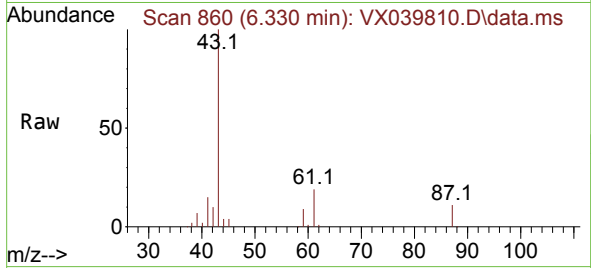




#43
Isopropyl Acetate
Concen: 22.193 ug/l
RT: 6.330 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

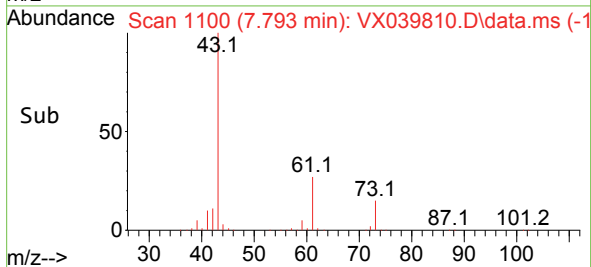
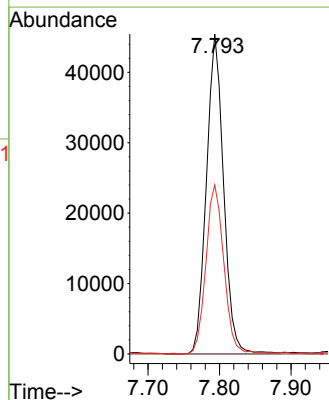
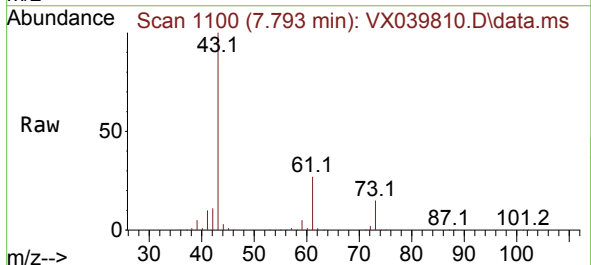
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

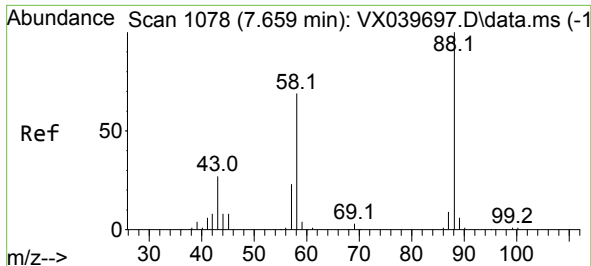
Tgt Ion: 43 Resp: 84975
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.1 9.8 14.6



#48
Methyl methacrylate
Concen: 40.272 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 41 Resp: 75793
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 55.3 47.7 71.5

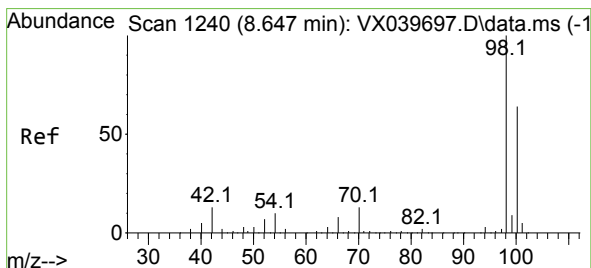
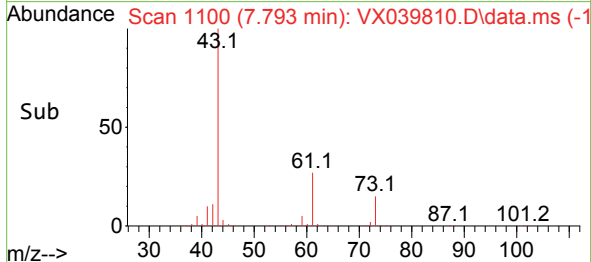
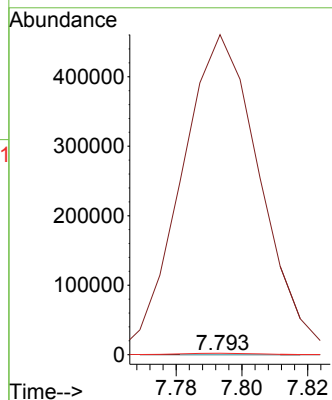
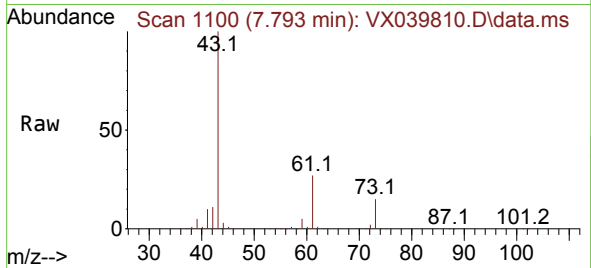




#49
1,4-Dioxane
Concen: 1.785 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

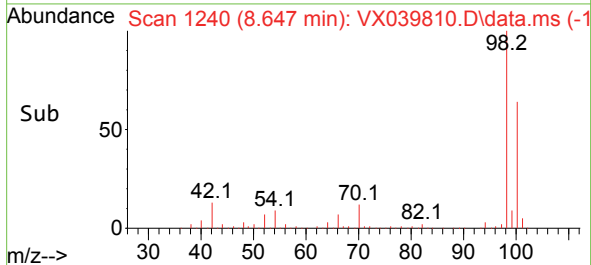
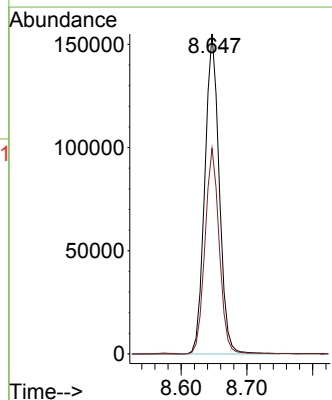
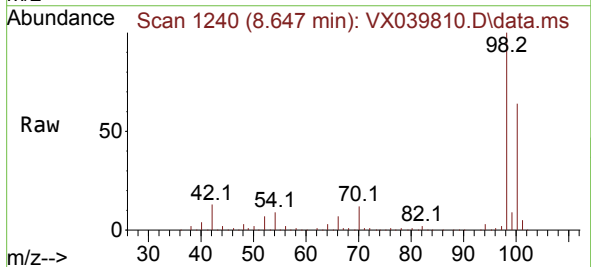
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

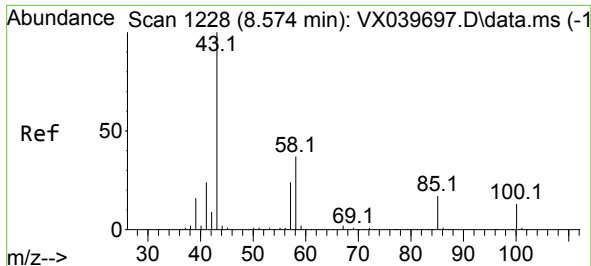
Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 1205866.2 0.0 0.0#
58 5532.3 60.1 90.1#



#50
Toluene-d8
Concen: 49.822 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 98 Resp: 236187
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

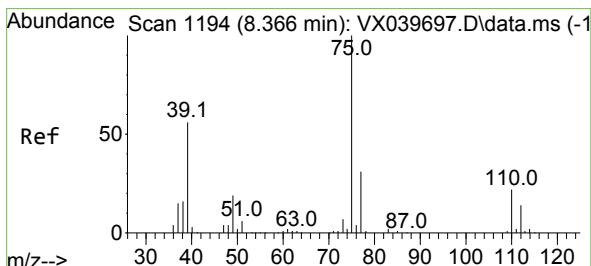
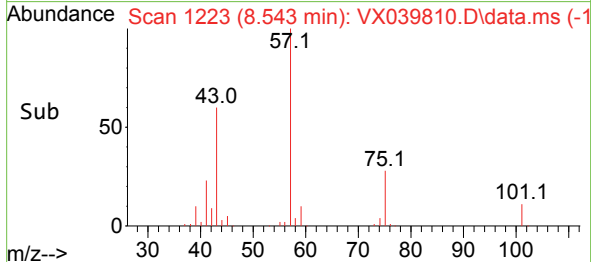
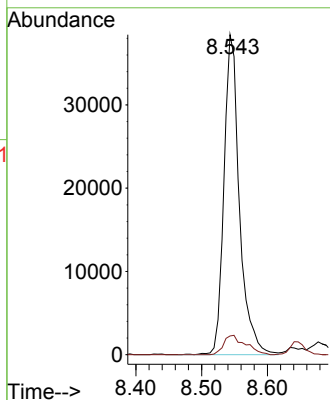
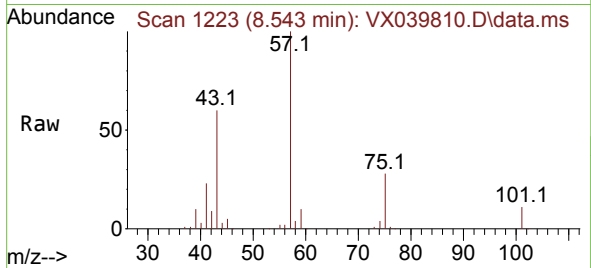




#51
4-Methyl-2-Pentanone
Concen: 23.872 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

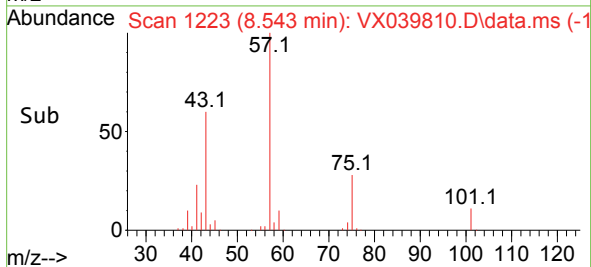
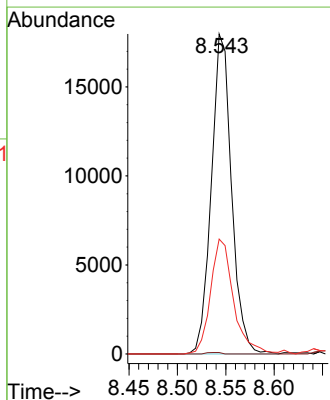
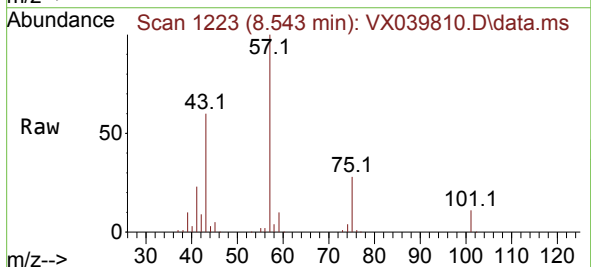
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

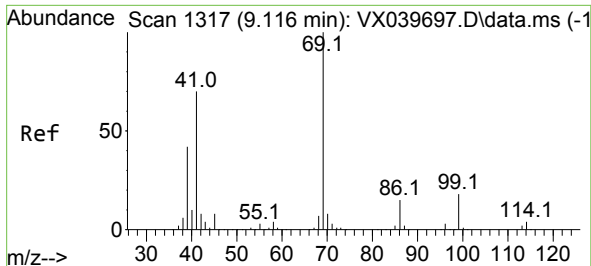
Tgt Ion: 43 Resp: 62951
Ion Ratio Lower Upper
43 100
58 8.5 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 11.763 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.177 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 75 Resp: 26093
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 35.9 46.7 70.1#

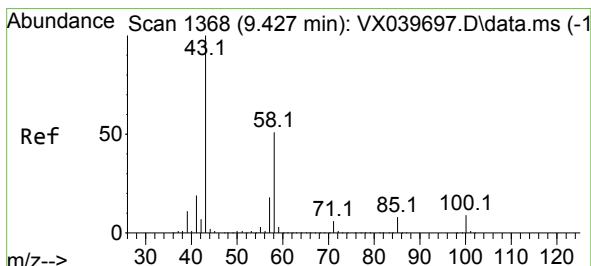
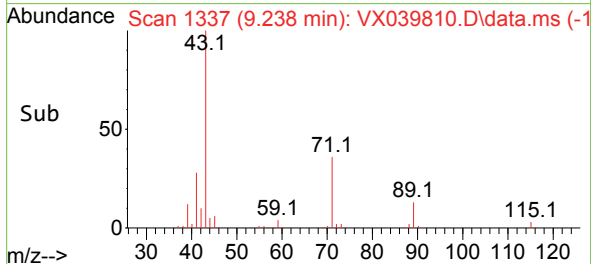
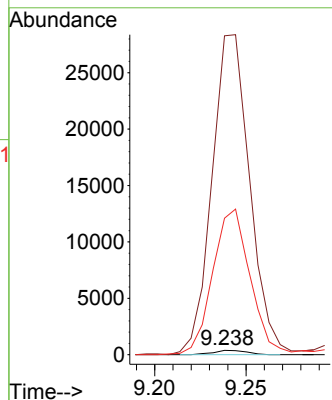
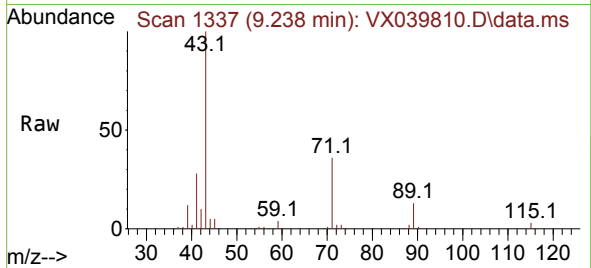




#56
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

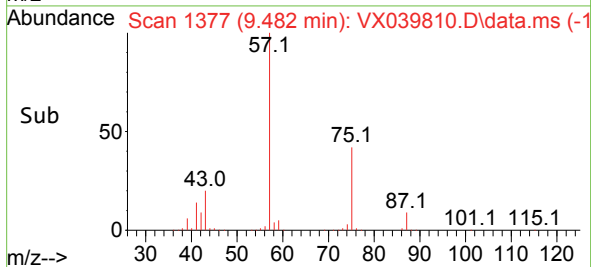
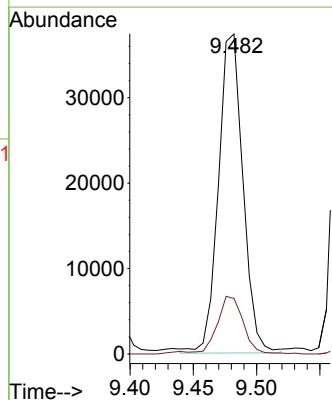
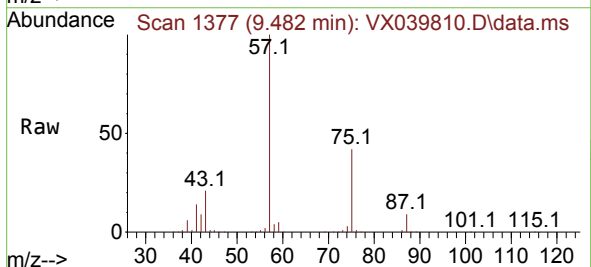
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

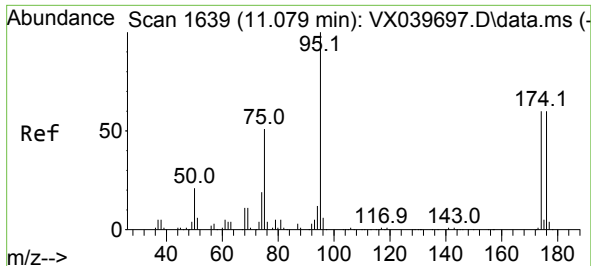
Tgt Ion: 69 Resp: 486
Ion Ratio Lower Upper
69 100
41 8454.7 56.8 85.2#
39 3837.4 32.0 48.0#



#59
2-Hexanone
Concen: 24.133 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 43 Resp: 50367
Ion Ratio Lower Upper
43 100
58 19.1 26.2 78.5#

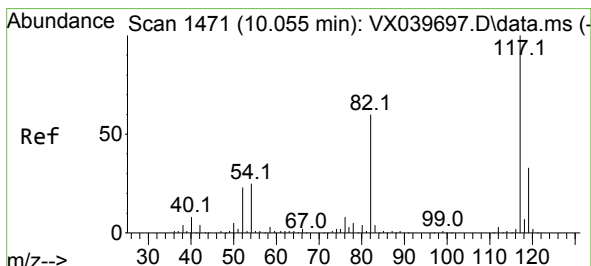
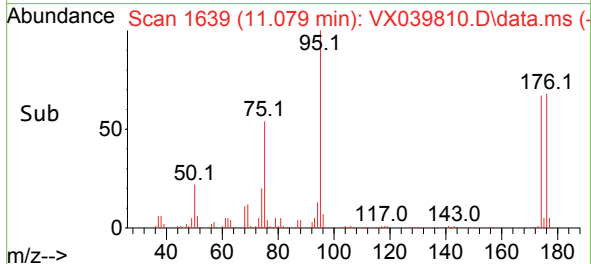
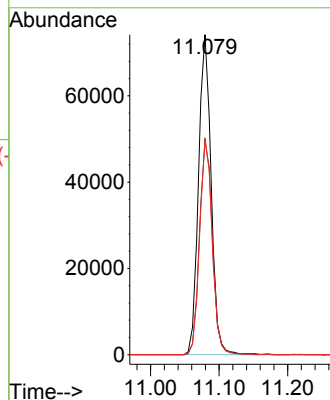
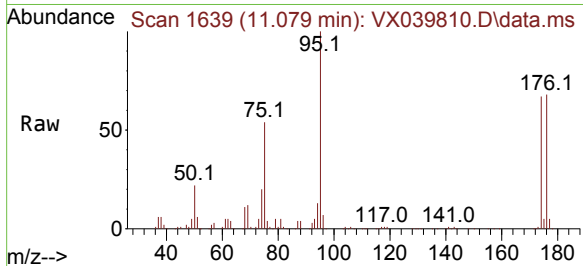




#62
4-Bromofluorobenzene
Concen: 51.302 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

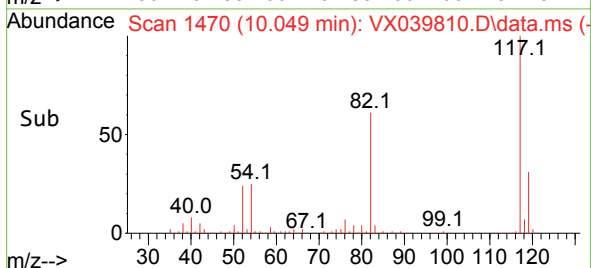
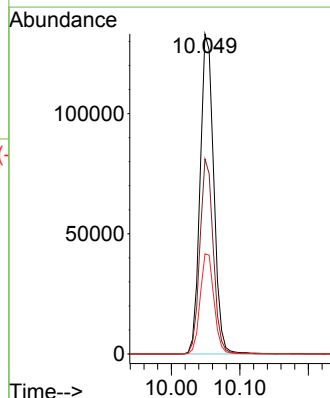
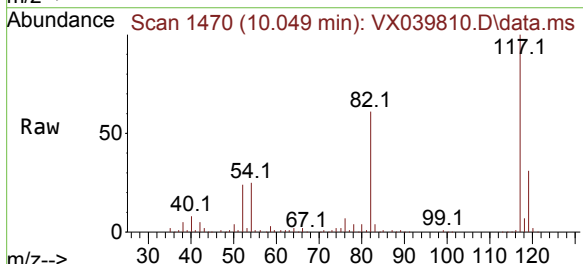
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

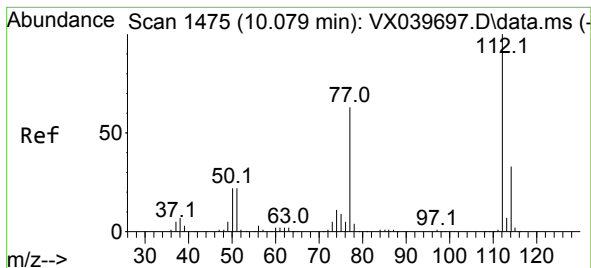
Tgt Ion: 95 Resp: 95105
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 67.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 117 Resp: 184641
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 31.3 25.5 38.3





#65

Chlorobenzene

Concen: 0.225 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Instrument :

MSVOA_X

ClientSampleId :

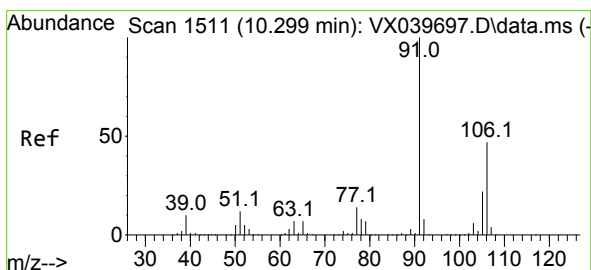
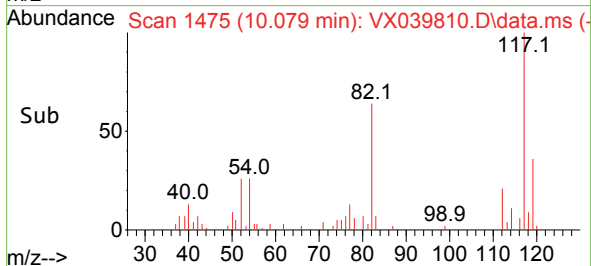
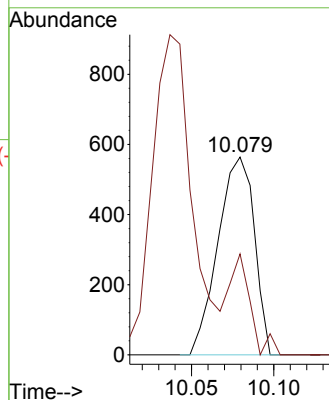
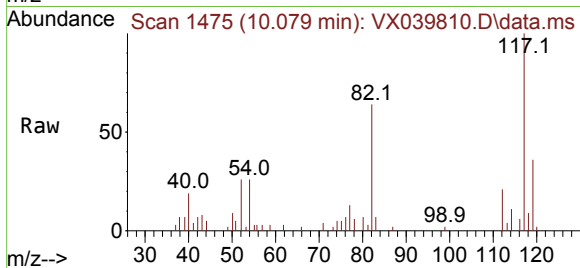
PB158485TB

Tgt Ion:112 Resp: 865

Ion Ratio Lower Upper

112 100

114 51.1 25.7 38.5#



#68

m/p-Xylenes

Concen: 0.278 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX039810.D

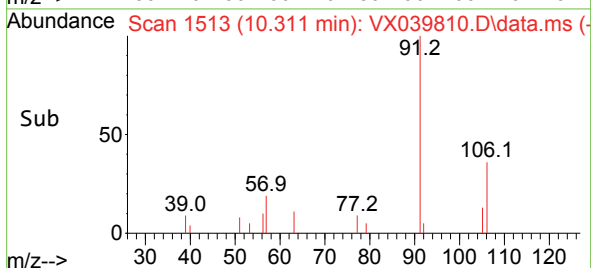
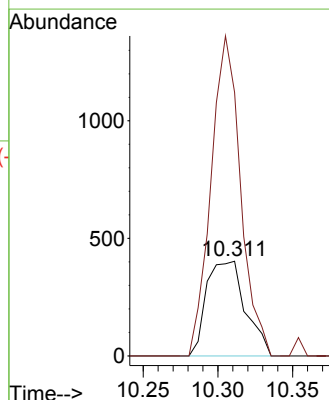
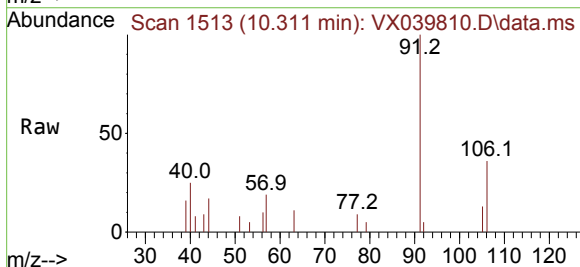
Acq: 18 Jan 2024 12:00

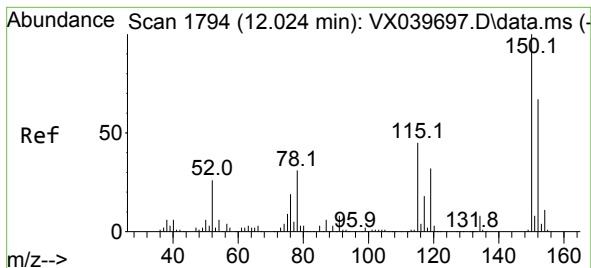
Tgt Ion:106 Resp: 729

Ion Ratio Lower Upper

106 100

91 257.5 165.5 248.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Instrument :

MSVOA_X

ClientSampleId :

PB158485TB

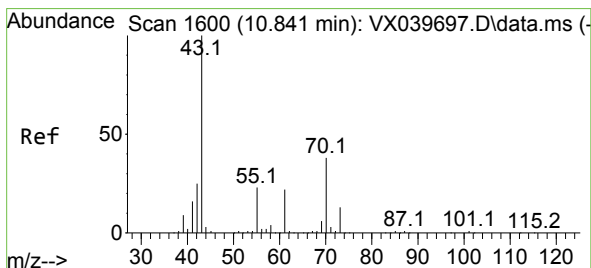
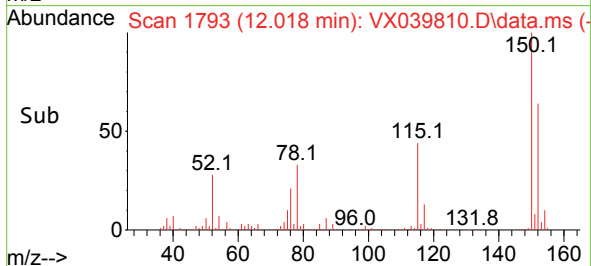
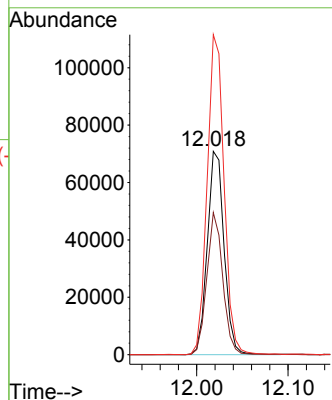
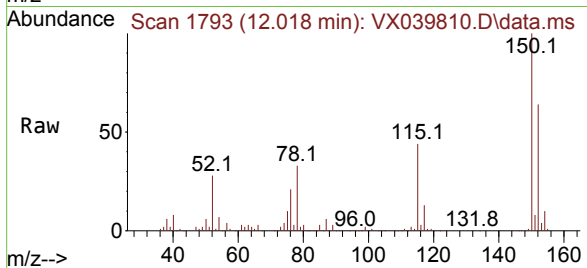
Tgt Ion:152 Resp: 90132

Ion Ratio Lower Upper

152 100

115 66.6 43.3 129.9

150 158.4 0.0 345.0



#74

N-ethyl acetate

Concen: 3.976 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Tgt Ion: 43 Resp: 14872

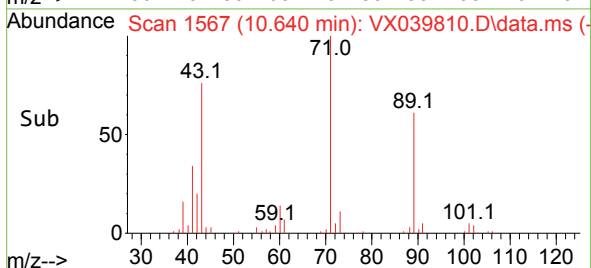
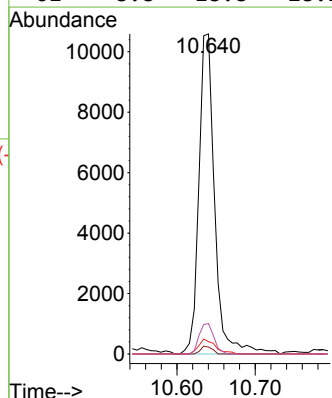
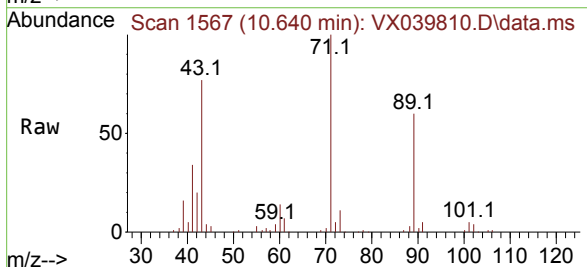
Ion Ratio Lower Upper

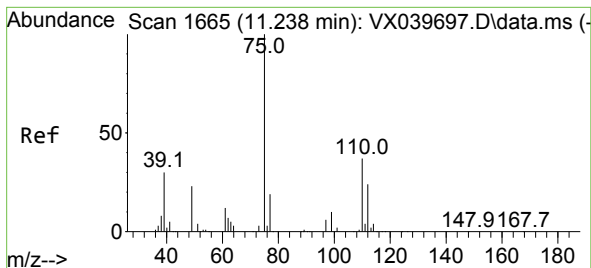
43 100

70 1.8 32.9 49.3#

55 4.9 19.3 28.9#

61 8.8 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 22.293 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Instrument :

MSVOA_X

ClientSampleId :

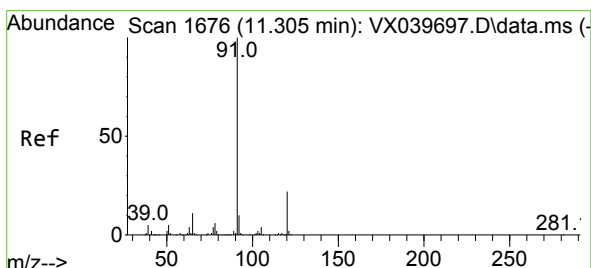
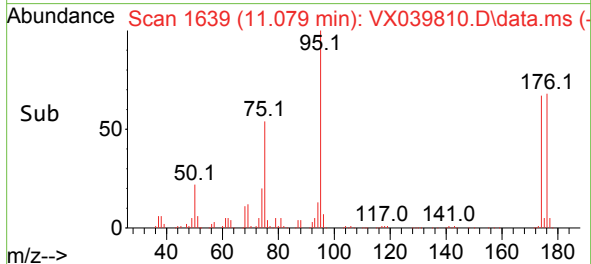
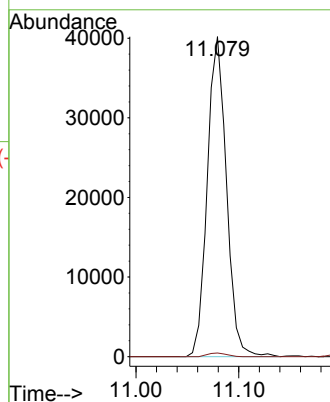
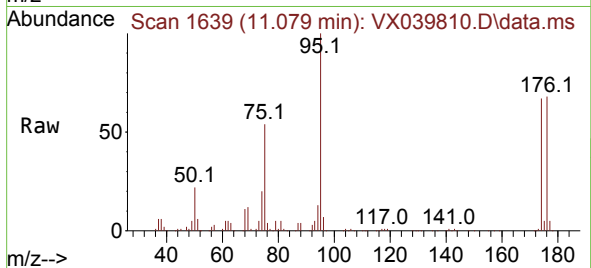
PB158485TB

Tgt Ion: 75 Resp: 52093

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#78

n-propylbenzene

Concen: 0.241 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039810.D

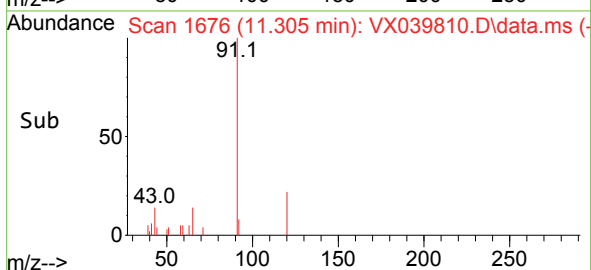
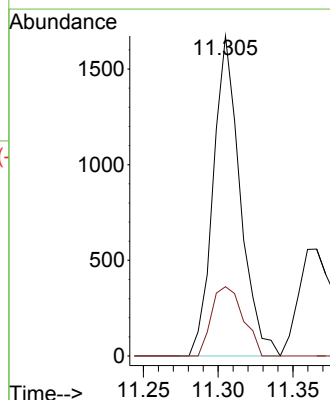
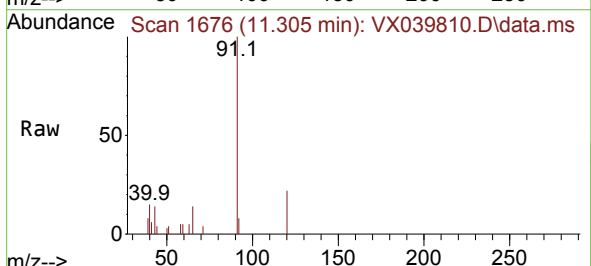
Acq: 18 Jan 2024 12:00

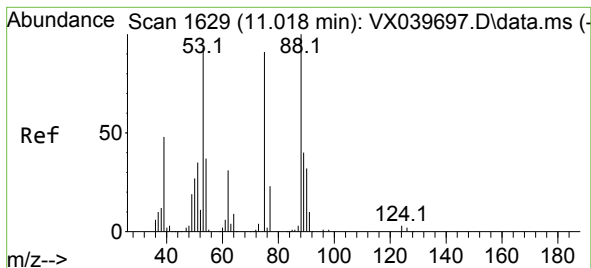
Tgt Ion: 91 Resp: 2097

Ion Ratio Lower Upper

91 100

120 25.4 11.5 34.4

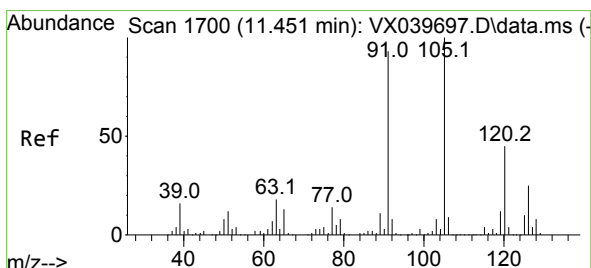
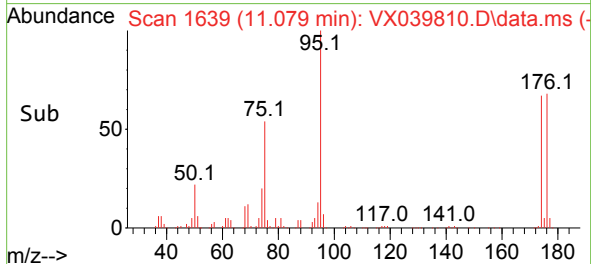
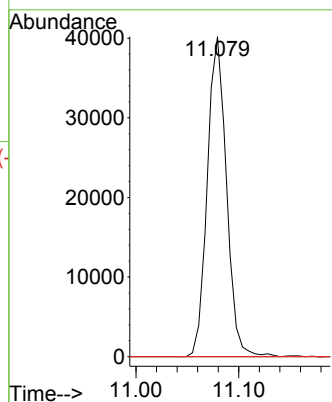
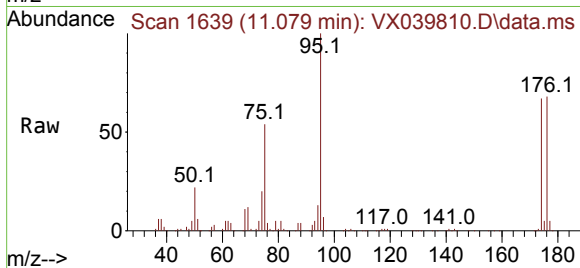




#81
trans-1,4-Dichloro-2-butene
Concen: 64.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

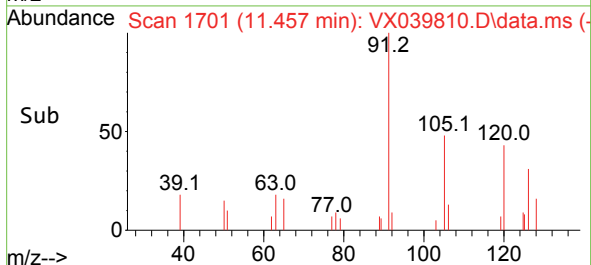
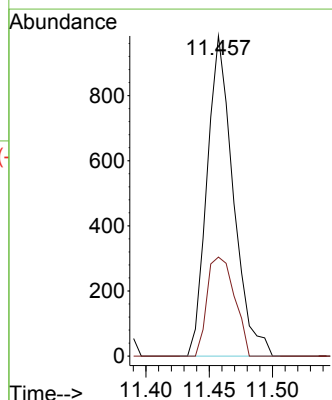
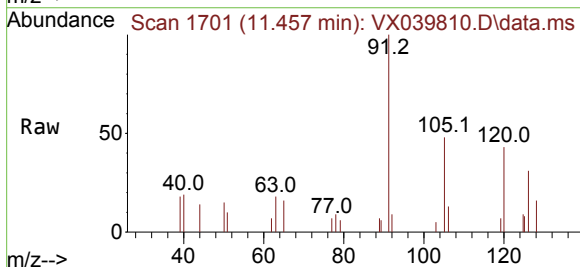
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

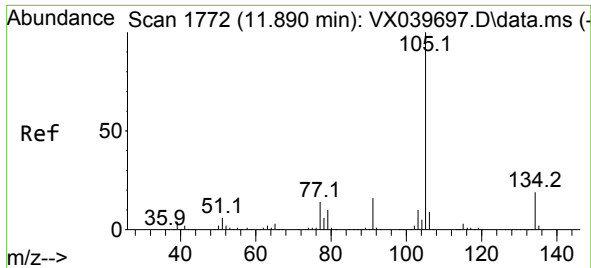
Tgt Ion: 75 Resp: 52093
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.233 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 91 Resp: 1418
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6

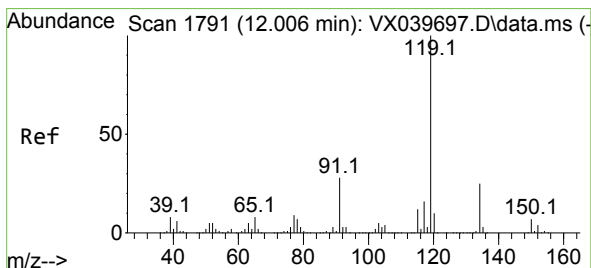
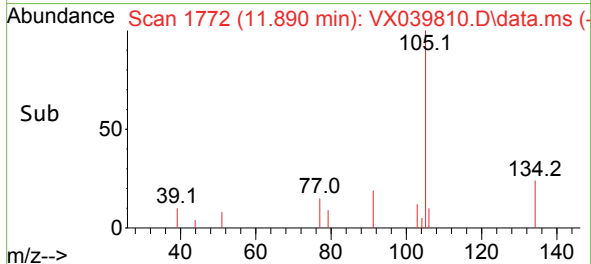
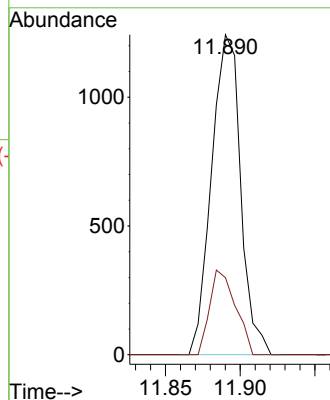
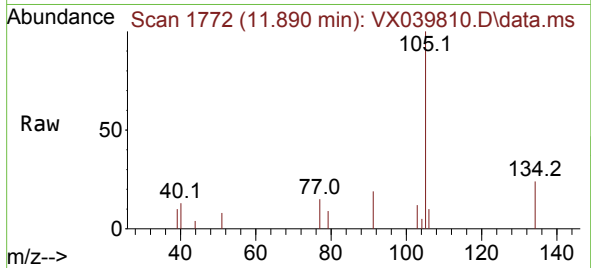




#85
sec-Butylbenzene
Concen: 0.223 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

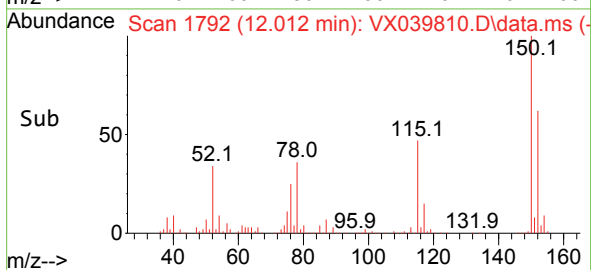
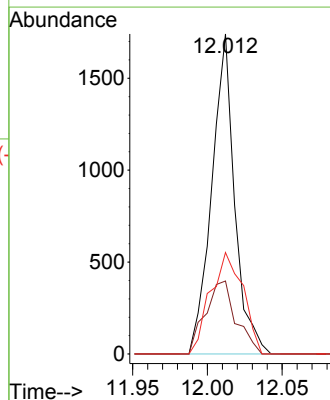
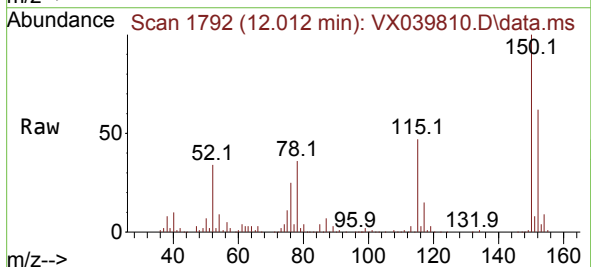
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

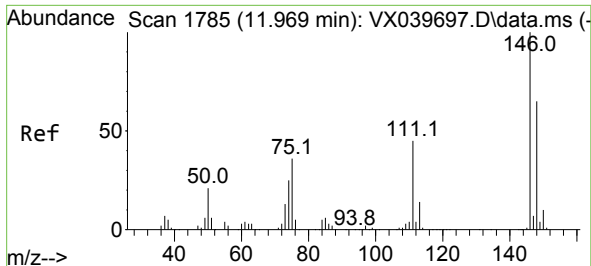
Tgt Ion:105 Resp: 1682
Ion Ratio Lower Upper
105 100
134 23.5 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.307 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion:119 Resp: 1851
Ion Ratio Lower Upper
119 100
134 30.6 12.8 38.3
91 44.9 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.393 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Instrument :

MSVOA_X

ClientSampleId :

PB158485TB

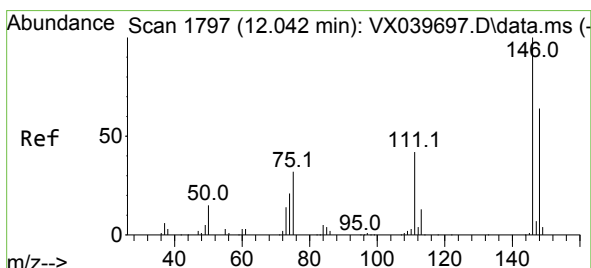
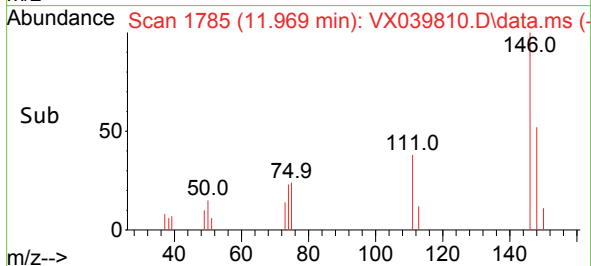
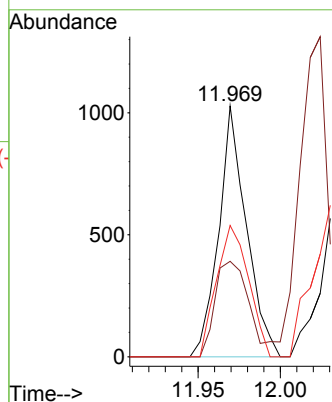
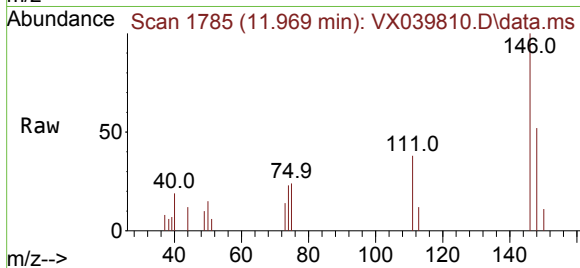
Tgt Ion:146 Resp: 1203

Ion Ratio Lower Upper

146 100

111 48.9 22.1 66.1

148 60.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.380 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

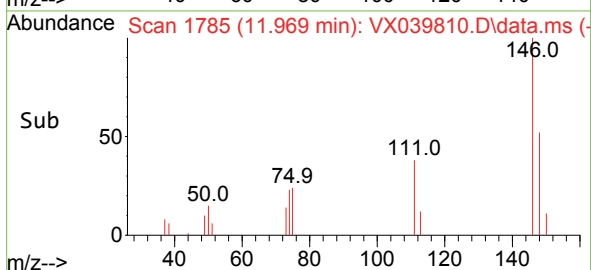
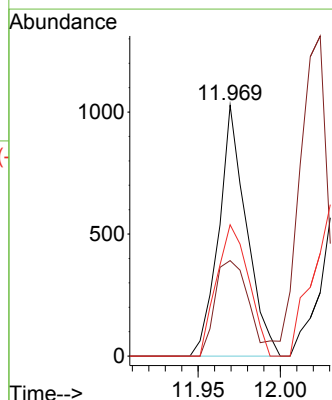
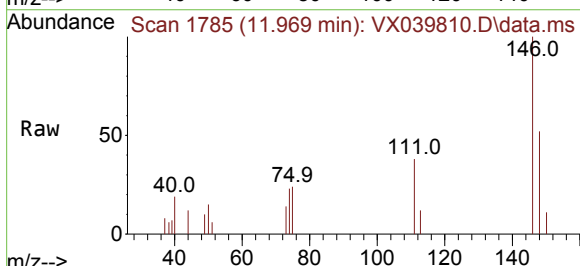
Tgt Ion:146 Resp: 1203

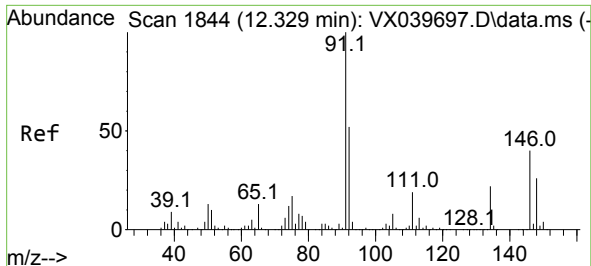
Ion Ratio Lower Upper

146 100

111 48.9 21.3 63.7

148 60.6 31.8 95.4

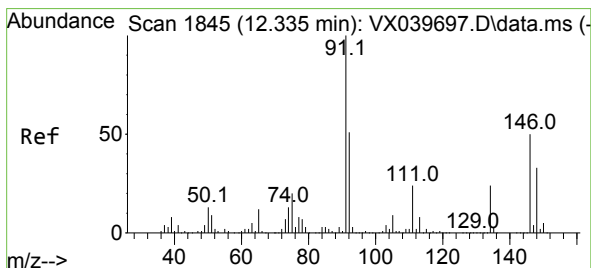
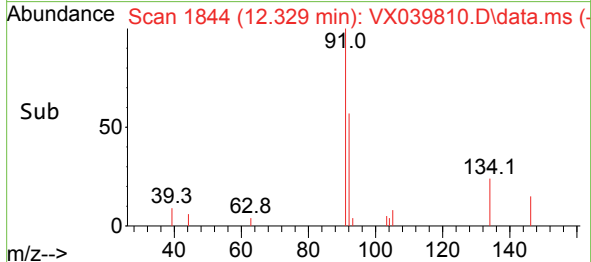
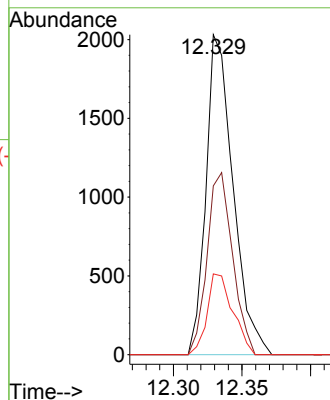
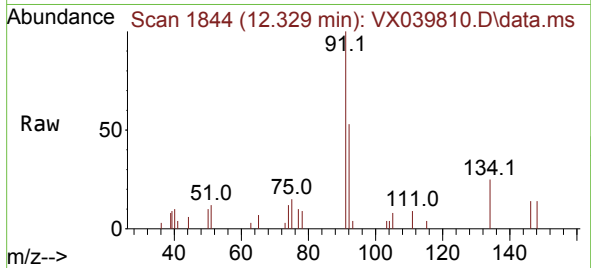




#89
n-Butylbenzene
Concen: 0.478 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

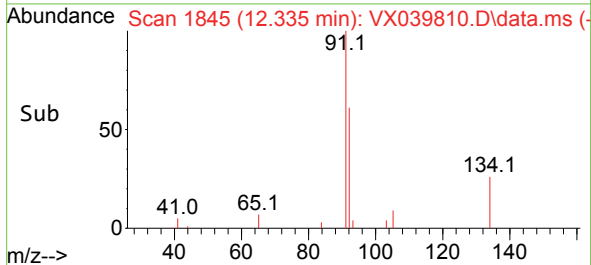
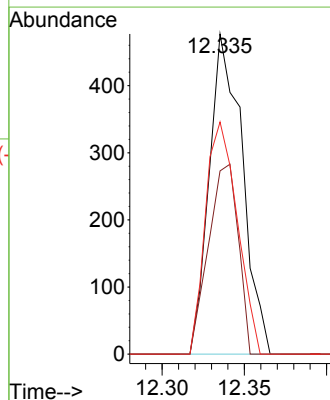
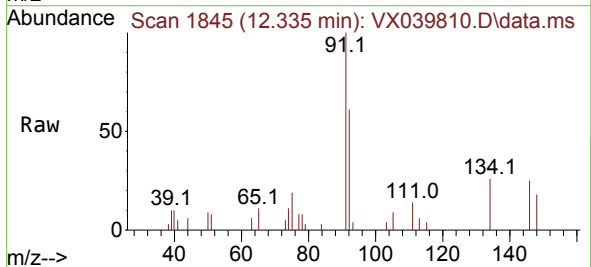
Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

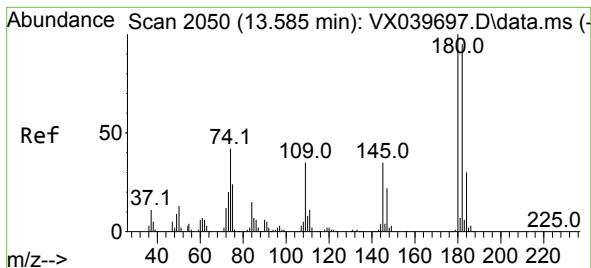
Tgt Ion: 91 Resp: 2788
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.0
134 24.0 12.6 37.8



#91
1,2-Dichlorobenzene
Concen: 0.219 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion: 146 Resp: 663
Ion Ratio Lower Upper
146 100
111 53.7 22.4 67.0
148 70.1 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.850 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

Instrument :

MSVOA_X

ClientSampleId :

PB158485TB

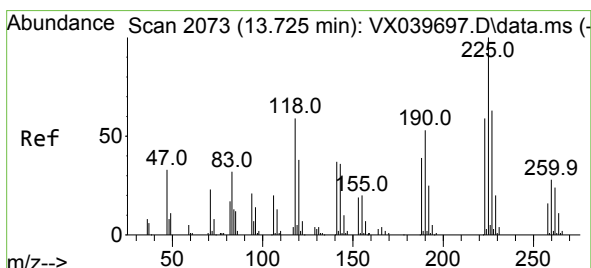
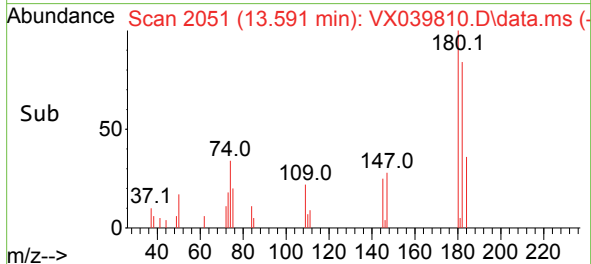
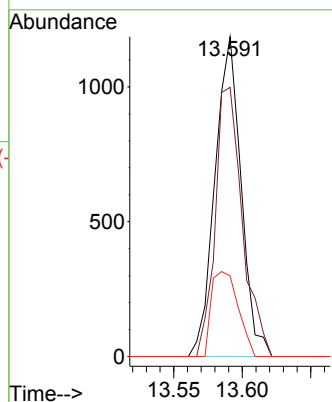
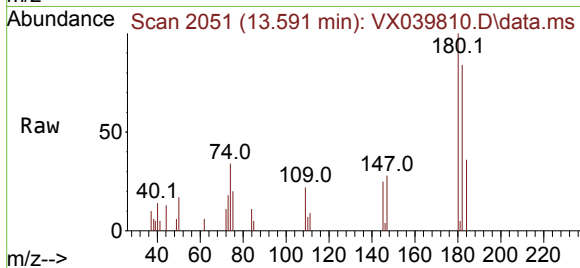
Tgt Ion:180 Resp: 1572

Ion Ratio Lower Upper

180 100

182 87.2 48.3 144.8

145 27.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.891 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039810.D

Acq: 18 Jan 2024 12:00

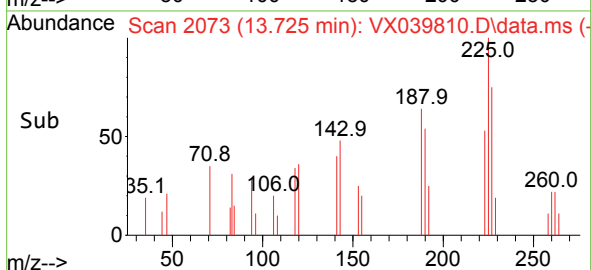
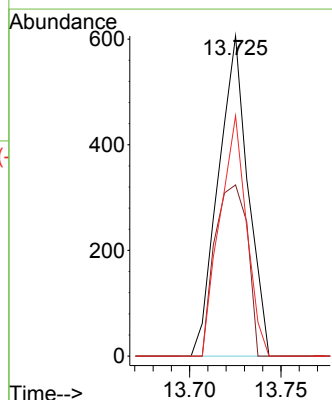
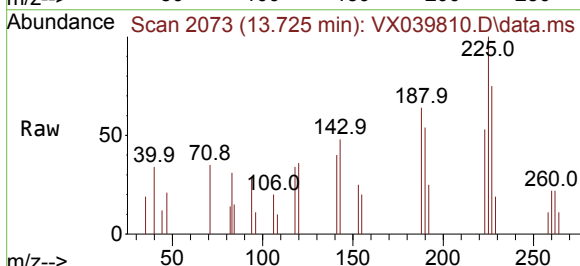
Tgt Ion:225 Resp: 685

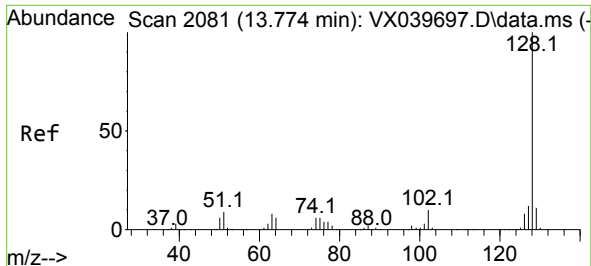
Ion Ratio Lower Upper

225 100

223 58.5 31.1 93.2

227 67.6 32.5 97.5

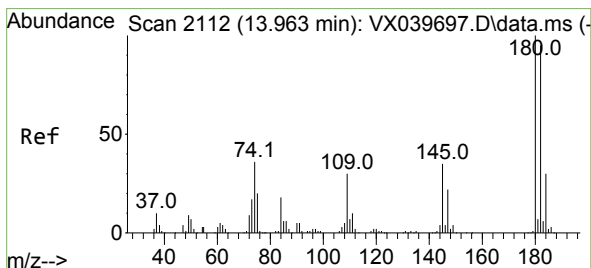
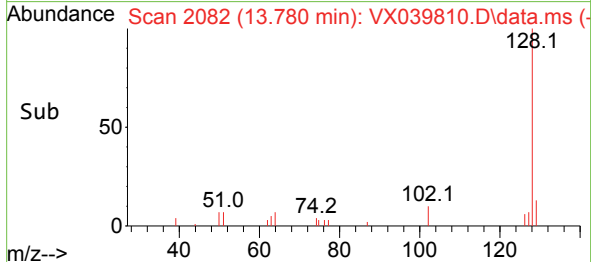
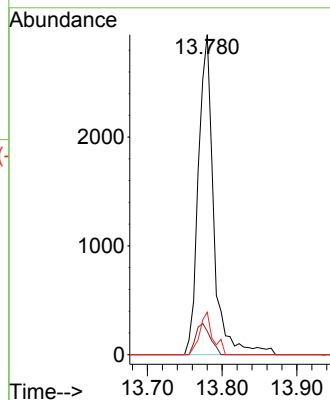
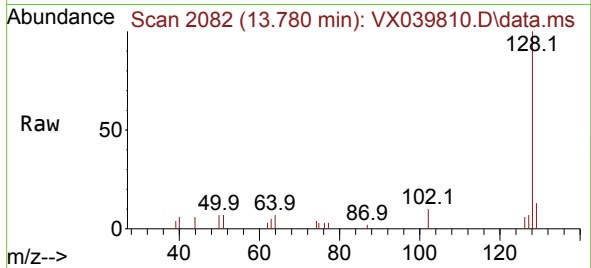




#95
Naphthalene
Concen: 0.615 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Instrument :
MSVOA_X
ClientSampleId :
PB158485TB

Tgt Ion:128 Resp: 4192
Ion Ratio Lower Upper
128 100
127 9.2 10.3 15.5#
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.679 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039810.D
Acq: 18 Jan 2024 12:00

Tgt Ion:180 Resp: 1268
Ion Ratio Lower Upper
180 100
182 105.7 46.9 140.6
145 37.1 17.8 53.5

