

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041193.D
 Acq On : 2 May 2024 12:40
 Operator : SY/MD
 Sample : P2334-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS03-20240425DL

Quant Time: May 03 03:39:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

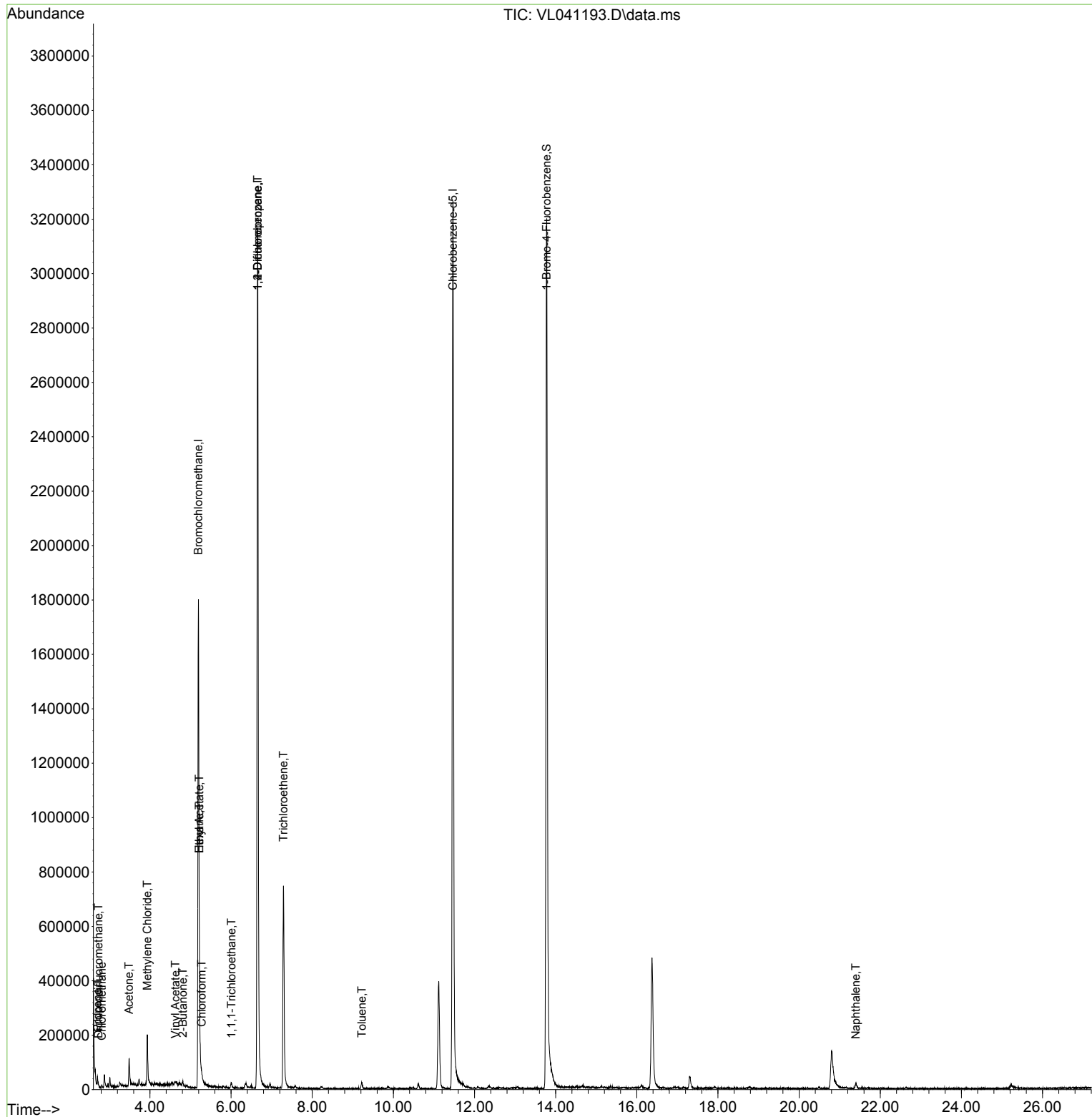
Internal Standards						
1) Bromochloromethane	5.195	49	922254	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2444956	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2215530	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1694141	10.129	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	6887	0.055	ppbv	96
4) Chloromethane	2.816	50	7330	0.133	ppbv #	79
9) Propene	2.706	41	10058	0.183	ppbv	84
15) Acetone	3.485	43	94548	0.869	ppbv	94
20) Methylene Chloride	3.935	84	57362	1.516	ppbv	96
23) Vinyl Acetate	4.626	43	4964	0.041	ppbv #	83
25) Ethyl Acetate	5.214	43	47366	0.218	ppbv #	80
26) Hexane	5.214	57	63533	0.655	ppbv #	42
29) Chloroform	5.275	83	4132	0.031	ppbv #	76
32) 1,1,1-Trichloroethane	6.005	97	7122	0.053	ppbv #	69
34) 2-Butanone	4.809	43	10957	0.088	ppbv #	76
38) Trichloroethene	7.291	130	235310	3.078	ppbv	95
39) 1,2-Dichloropropane	6.655	63	632775	8.002	ppbv #	24
53) Toluene	9.224	91	14908	0.063	ppbv	89
79) Naphthalene	21.397	128	11494	0.045	ppbv #	93

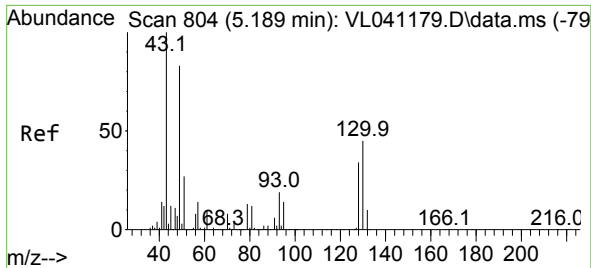
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041193.D
Acq On : 2 May 2024 12:40
Operator : SY/MD
Sample : P2334-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

Quant Time: May 03 03:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration

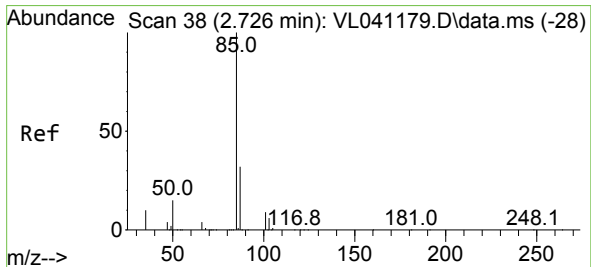
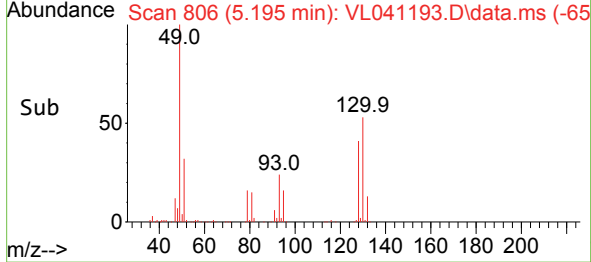
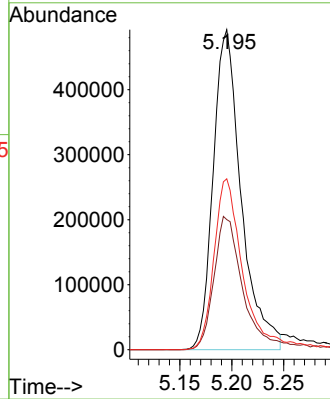
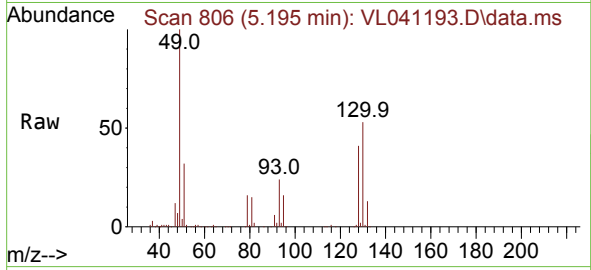




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

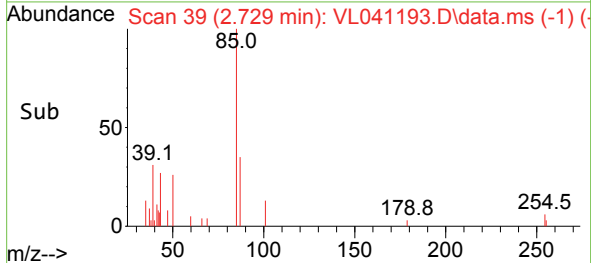
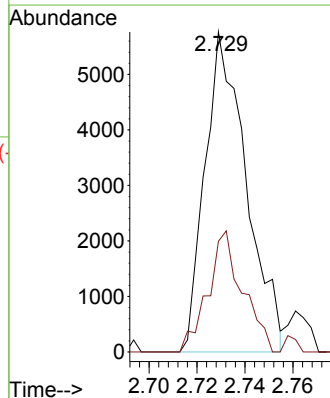
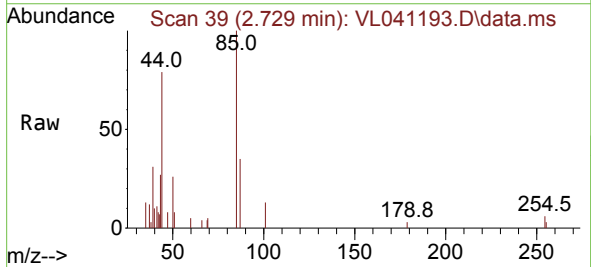
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

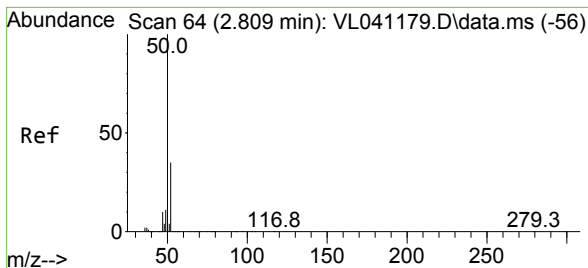
Tgt Ion: 49 Resp: 922254
Ion Ratio Lower Upper
49 100
128 44.8 21.5 64.5
130 58.0 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion: 85 Resp: 6887
Ion Ratio Lower Upper
85 100
87 34.6 25.7 38.5

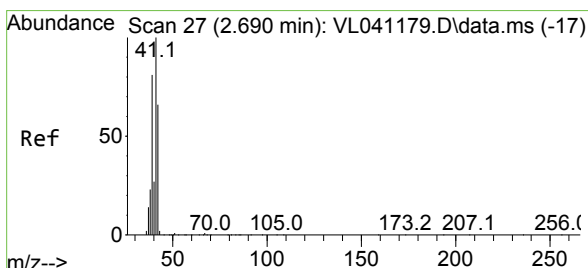
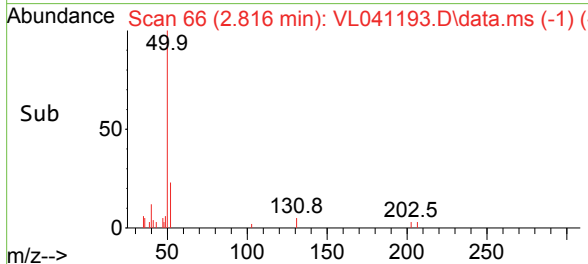
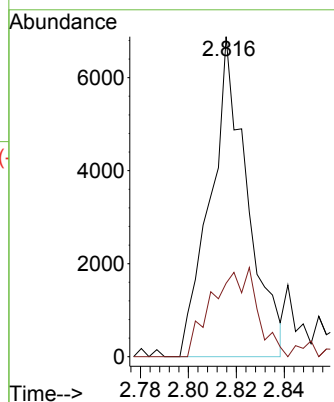
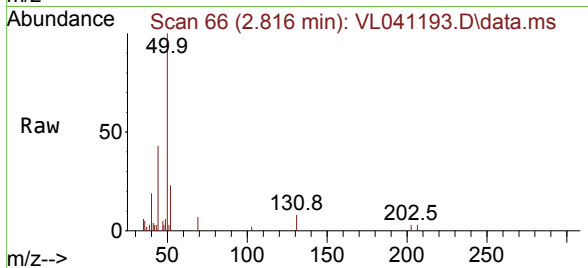




#4
Chloromethane
Concen: 0.133 ppbv
RT: 2.816 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

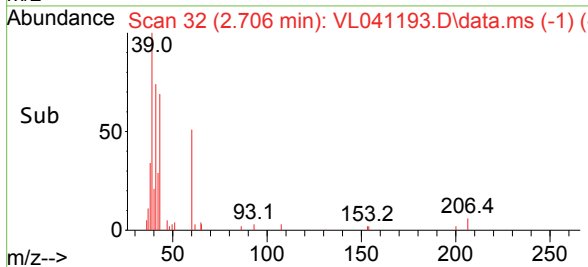
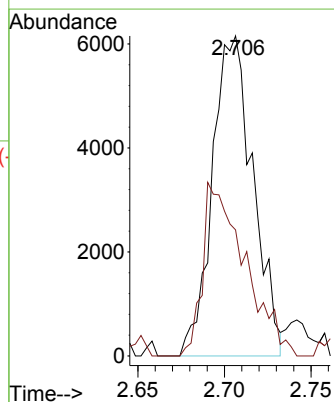
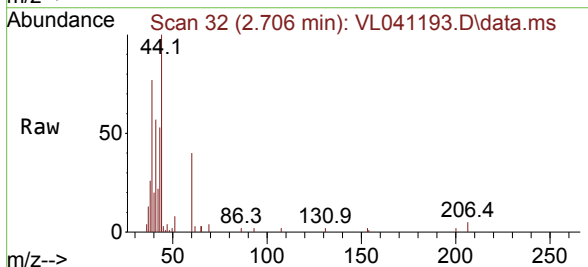
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

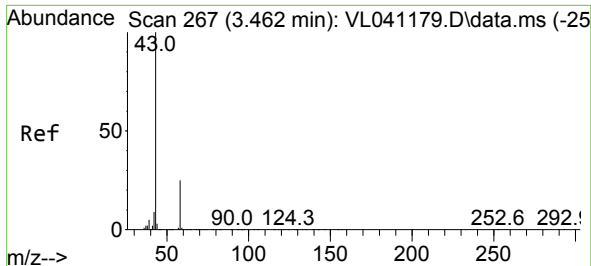
Tgt Ion: 50 Resp: 7330
Ion Ratio Lower Upper
50 100
52 23.0 28.3 42.5#



#9
Propene
Concen: 0.183 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.013 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion: 41 Resp: 10058
Ion Ratio Lower Upper
41 100
42 56.0 55.3 82.9





#15

Acetone

Concen: 0.869 ppbv

RT: 3.485 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

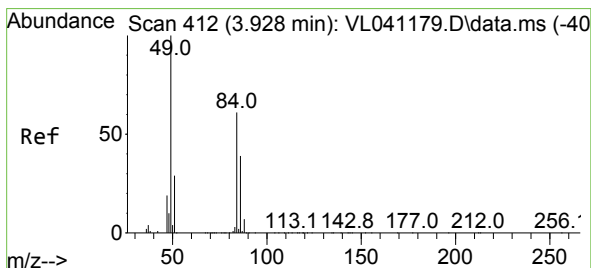
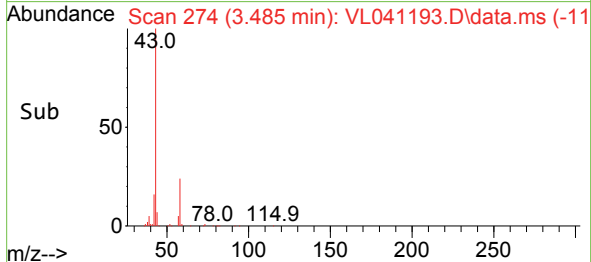
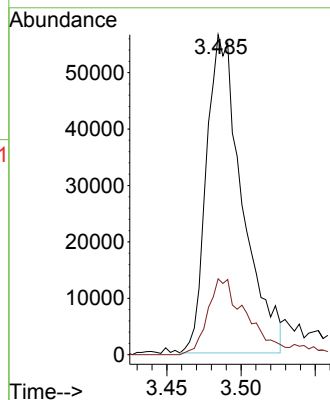
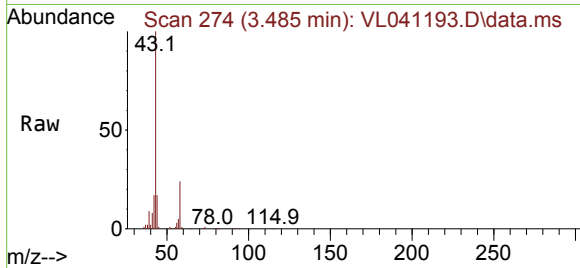
BA-20-SS03-20240425DL

Tgt Ion: 43 Resp: 94548

Ion Ratio Lower Upper

43 100

58 29.7 21.4 32.0



#20

Methylene Chloride

Concen: 1.516 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Tgt Ion: 84 Resp: 57362

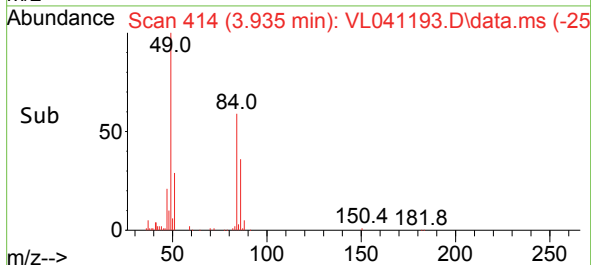
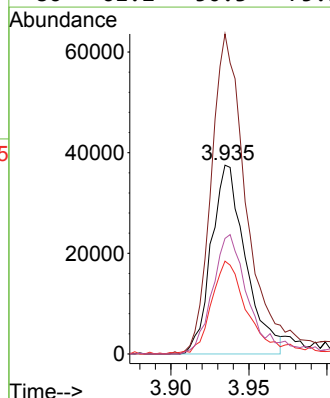
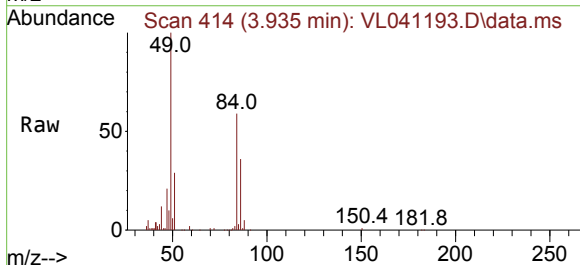
Ion Ratio Lower Upper

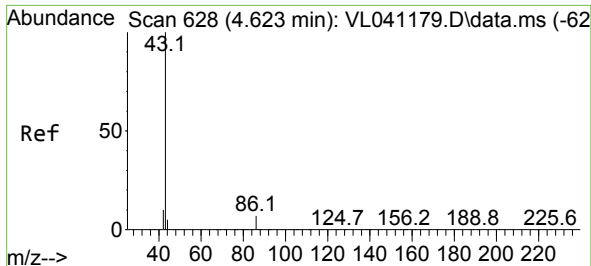
84 100

49 169.5 130.4 195.6

51 48.3 38.0 57.0

86 61.2 50.3 75.5

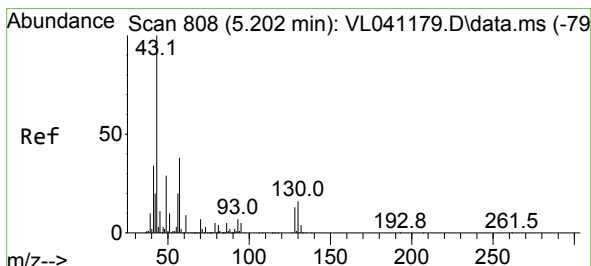
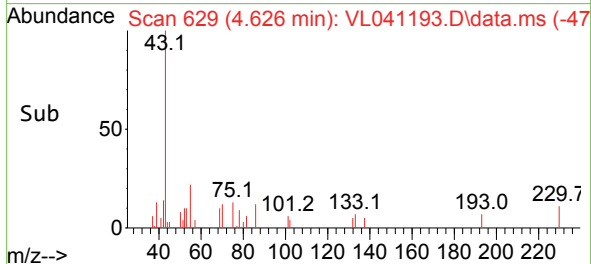
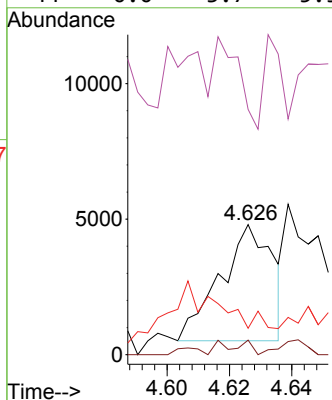
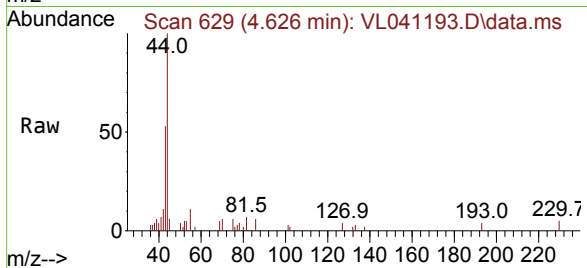




#23
 Vinyl Acetate
 Concen: 0.041 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041193.D
 Acq: 2 May 2024 12:40

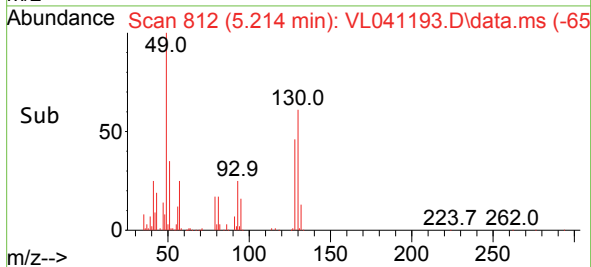
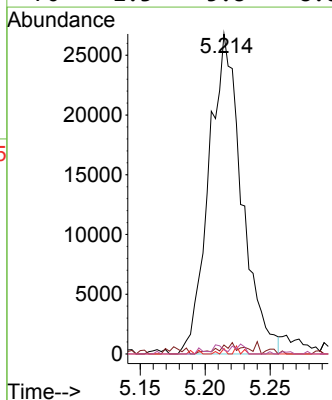
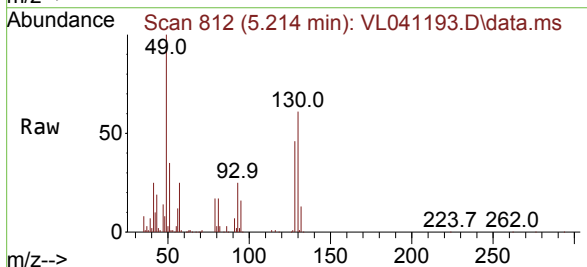
Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS03-20240425DL

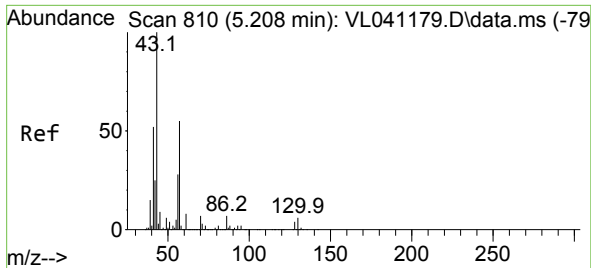
Tgt Ion:	43	Resp:	4964
Ion	Ratio	Lower	Upper
43	100		
86	7.7	4.9	7.3#
42	0.3	8.0	12.0#
44	0.0	3.7	5.5#



#25
 Ethyl Acetate
 Concen: 0.218 ppbv
 RT: 5.214 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VL041193.D
 Acq: 2 May 2024 12:40

Tgt Ion:	43	Resp:	47366
Ion	Ratio	Lower	Upper
43	100		
45	2.9	8.2	12.2#
61	0.9	7.7	11.5#
70	2.3	5.8	8.6#

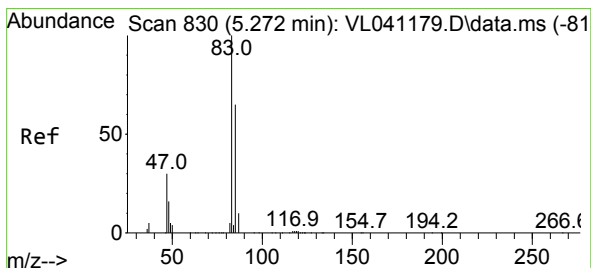
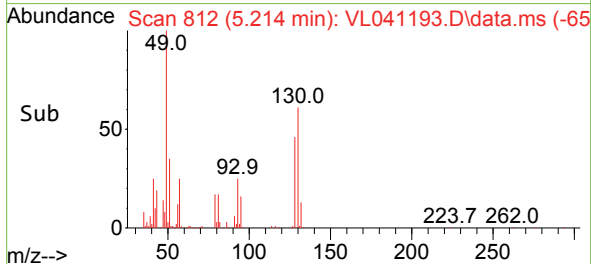
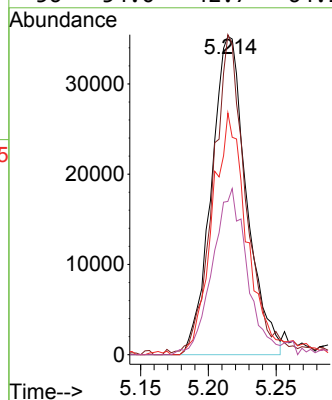
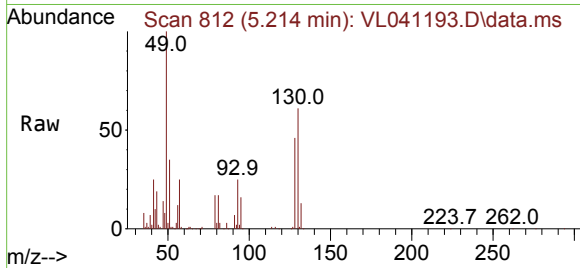




#26
Hexane
Concen: 0.655 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

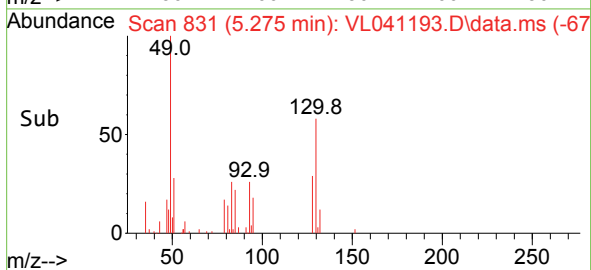
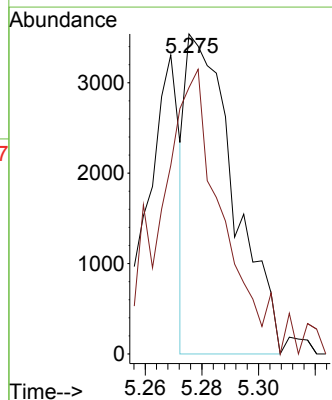
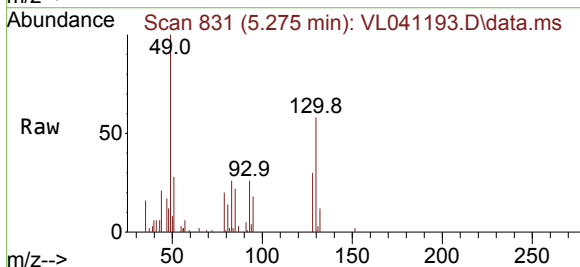
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

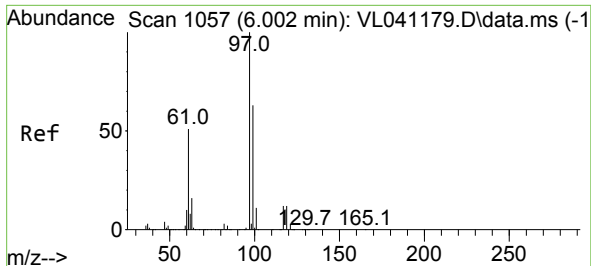
Tgt Ion: 57 Resp: 63533
Ion Ratio Lower Upper
57 100
41 93.0 75.8 113.8
43 77.5 187.0 280.4#
56 54.0 42.7 64.1



#29
Chloroform
Concen: 0.031 ppbv
RT: 5.275 min Scan# 831
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion: 83 Resp: 4132
Ion Ratio Lower Upper
83 100
85 83.2 51.7 77.5#

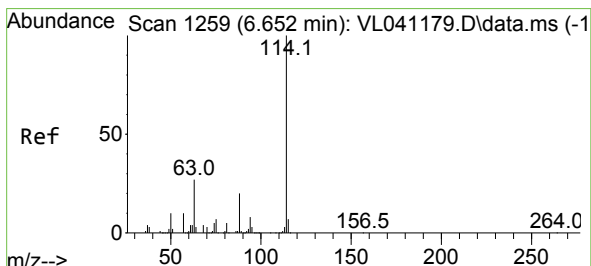
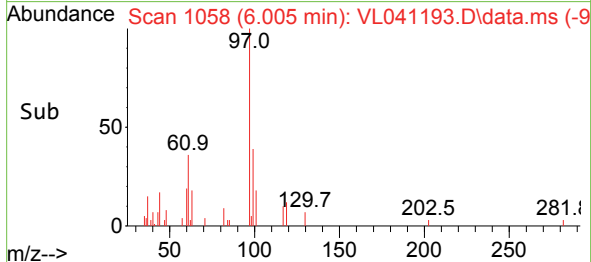
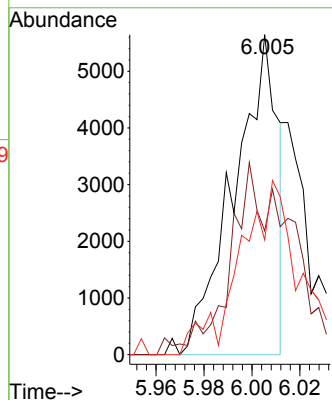
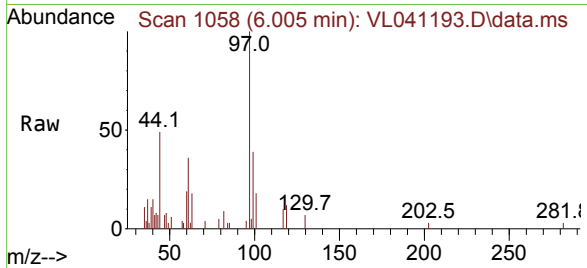




#32
1,1,1-Trichloroethane
Concen: 0.053 ppbv
RT: 6.005 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

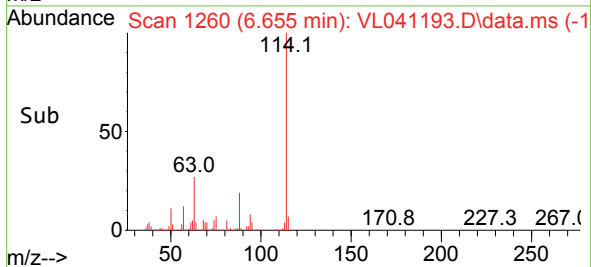
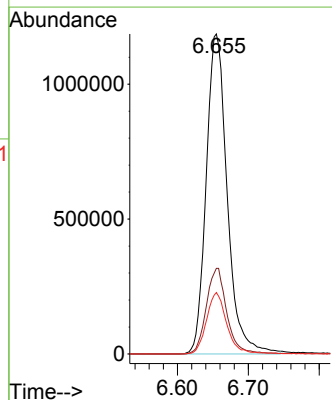
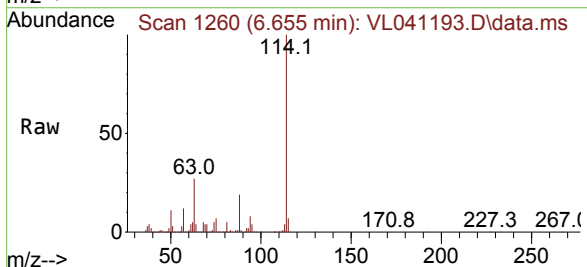
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

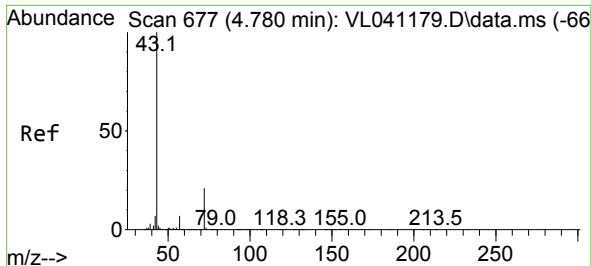
Tgt Ion: 97 Resp: 7122
Ion Ratio Lower Upper
97 100
99 87.0 51.7 77.5#
61 75.8 41.1 61.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion: 114 Resp: 2444956
Ion Ratio Lower Upper
114 100
63 26.3 21.8 32.6
88 18.8 15.2 22.8

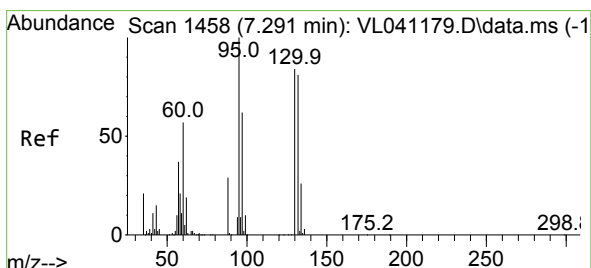
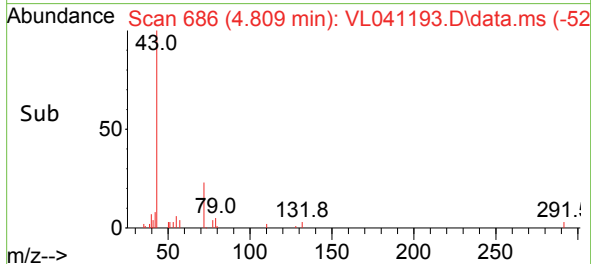
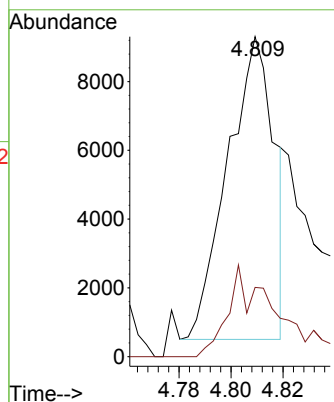
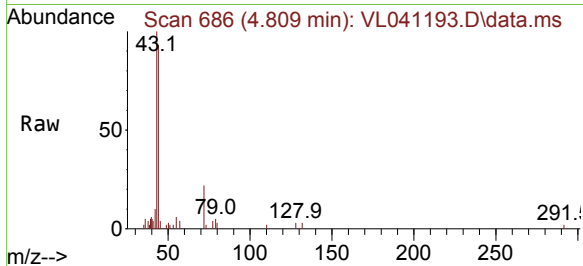




#34
2-Butanone
Concen: 0.088 ppbv
RT: 4.809 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

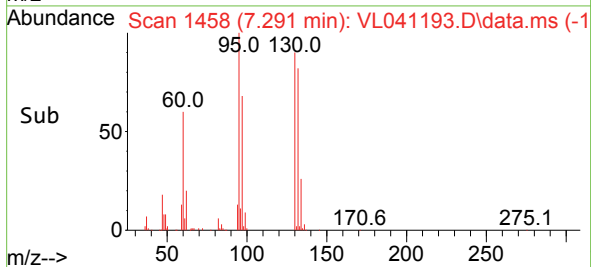
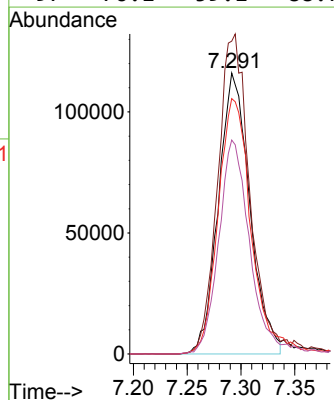
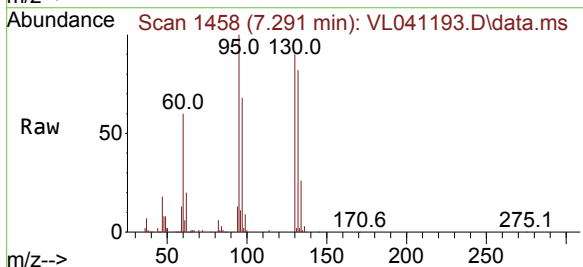
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

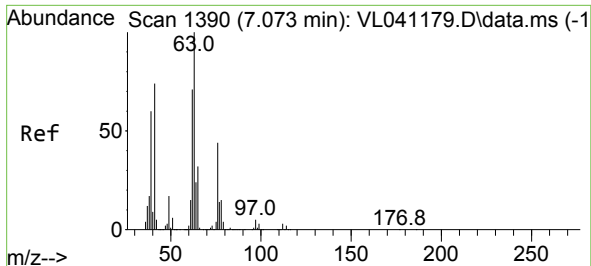
Tgt Ion: 43 Resp: 10957
Ion Ratio Lower Upper
43 100
72 32.9 17.3 25.9#



#38
Trichloroethene
Concen: 3.078 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion:130 Resp: 235310
Ion Ratio Lower Upper
130 100
95 111.4 95.0 142.6
132 90.7 77.0 115.4
97 76.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 8.002 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425DL

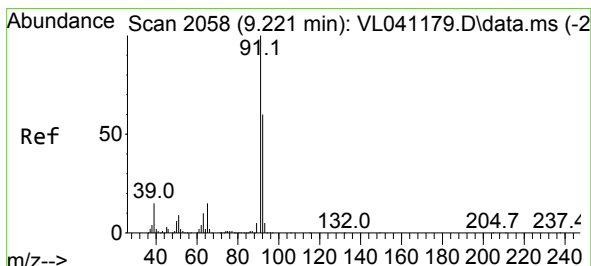
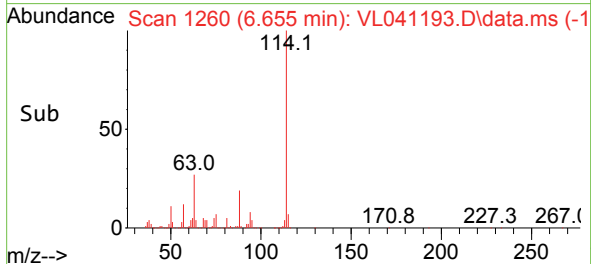
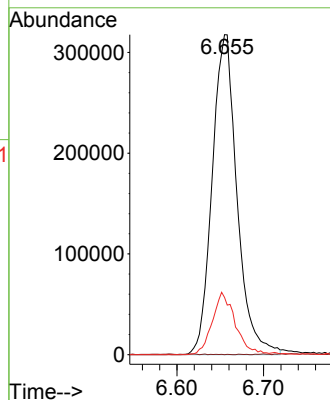
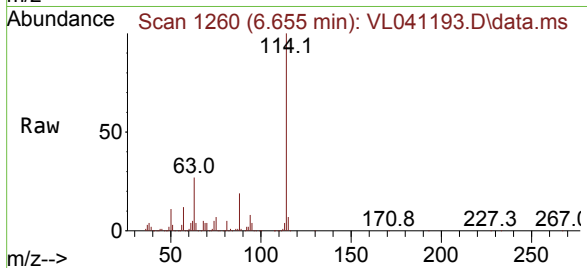
Tgt Ion: 63 Resp: 632775

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 17.9 56.8 85.2#



#53

Toluene

Concen: 0.063 ppbv

RT: 9.224 min Scan# 2059

Delta R.T. 0.003 min

Lab File: VL041193.D

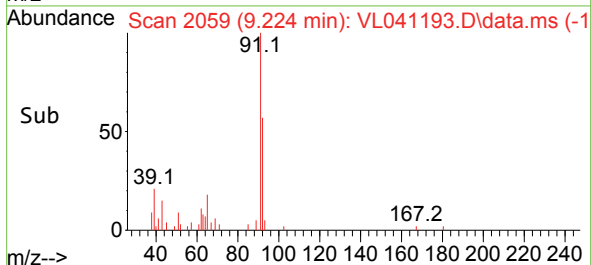
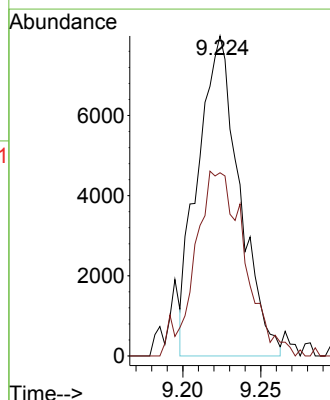
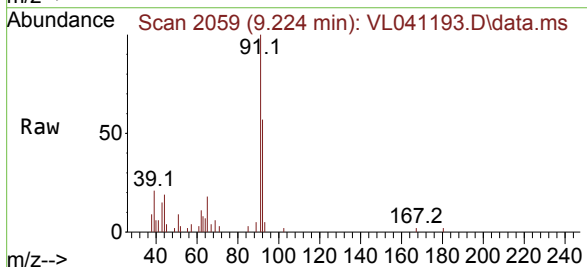
Acq: 2 May 2024 12:40

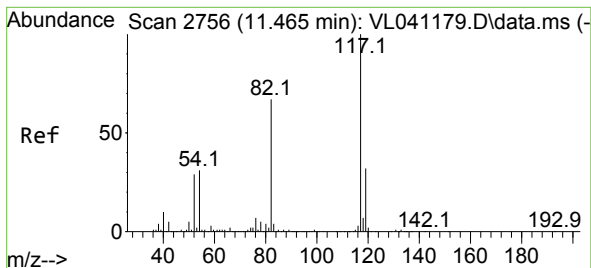
Tgt Ion: 91 Resp: 14908

Ion Ratio Lower Upper

91 100

92 68.9 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425DL

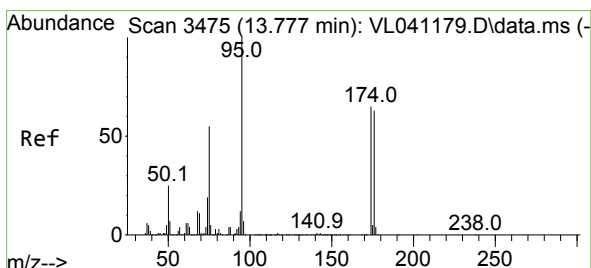
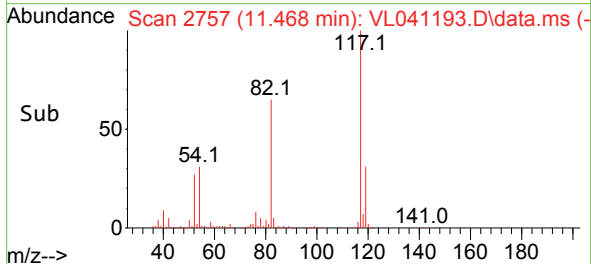
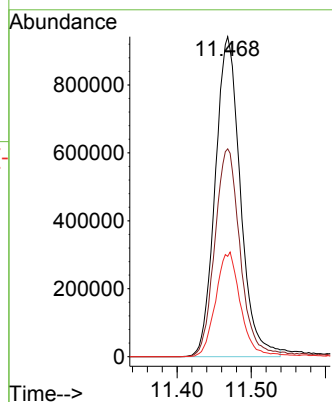
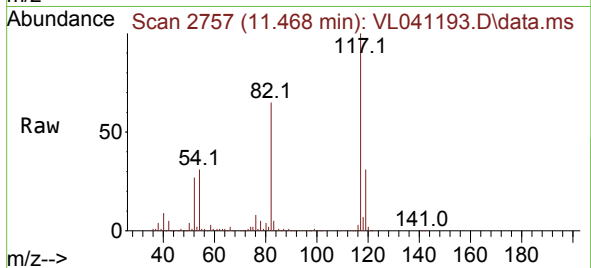
Tgt Ion:117 Resp: 2215530

Ion Ratio Lower Upper

117 100

82 66.8 53.6 80.4

119 33.0 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.129 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.007 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

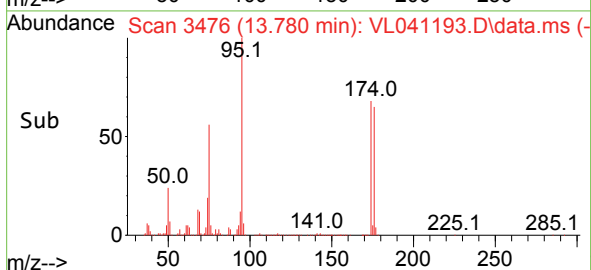
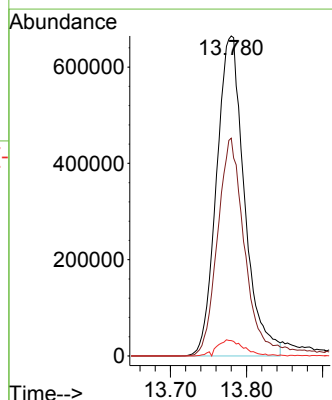
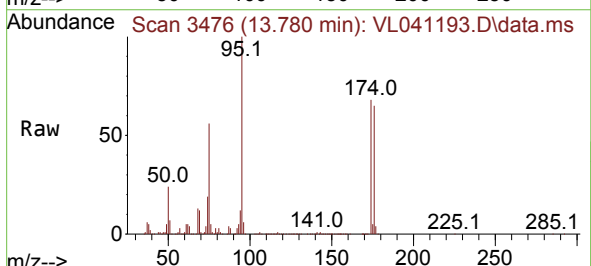
Tgt Ion: 95 Resp: 1694141

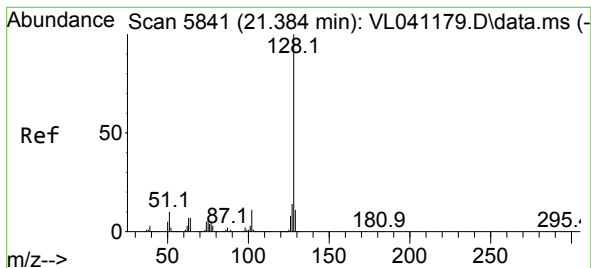
Ion Ratio Lower Upper

95 100

174 69.6 53.6 80.4

175 5.1 4.2 6.4





#79

Naphthalene

Concen: 0.045 ppbv

RT: 21.397 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041193.D

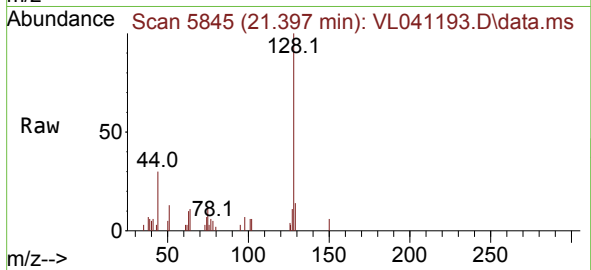
Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425DL



Tgt Ion:128 Resp: 11494

Ion Ratio Lower Upper

128 100

127 11.2 10.8 16.2

129 14.4 8.9 13.3#

