

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041198.D
 Acq On : 2 May 2024 16:35
 Operator : SY/MD
 Sample : P2334-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 03 03:41:33 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	5.192	49	855331	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2182210	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2018660	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1548566	10.161	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	42307	0.366	ppbv	100
3) Chlorodifluoromethane	2.648	51	268445	2.066	ppbv #	65
4) Chloromethane	2.812	50	81189	1.593	ppbv	91
6) Bromomethane	3.118	94	878	0.047	ppbv #	11
7) Chloroethane	3.192	64	1537	0.085	ppbv #	88
9) Propene	2.697	41	73085	1.438	ppbv #	80
10) Heptane	7.581	43	33344	0.271	ppbv	100
11) Trichlorofluoromethane	3.562	101	31054	0.264	ppbv	91
12) 1,1,2-Trichlorotri fluo...	4.063	101	4956	0.057	ppbv #	41
13) Ethanol	3.234	45	202447	17.764	ppbv	99
15) Acetone	3.465	43	1052289	10.424	ppbv	100
16) 1,3-Butadiene	2.960	39	25656	0.503	ppbv #	27
17) tert-Butyl alcohol	3.880	59	13638	0.125	ppbv #	72
19) Isopropyl Alcohol	3.607	45	4579	0.069	ppbv #	41
20) Methylene Chloride	3.931	84	1180829	33.639	ppbv	96
21) Allyl Chloride	3.931	41	48302	0.734	ppbv #	28
23) Vinyl Acetate	4.619	43	88537	0.797	ppbv #	89
25) Ethyl Acetate	5.211	43	828670	4.113	ppbv #	78
26) Hexane	5.214	57	1105812	12.298	ppbv #	41
27) Carbon Disulfide	4.121	76	37073	0.348	ppbv #	78
29) Chloroform	5.275	83	67289	0.542	ppbv	92
32) 1,1,1-Trichloroethane	6.005	97	111101	0.898	ppbv	97
34) 2-Butanone	4.790	43	181818	1.637	ppbv	99
35) Carbon Tetrachloride	6.494	117	40350	0.329	ppbv	98
36) Benzene	6.372	78	20414	0.111	ppbv #	89
37) 1,2-Dichloroethane	5.812	62	4327	0.045	ppbv #	82
38) Trichloroethene	7.295	130	2585900	37.892	ppbv	99
39) 1,2-Dichloropropane	7.291	63	6473	0.092	ppbv #	1
41) Tetrahydrofuran	5.571	42	8447	0.105	ppbv #	38
42) Bromodichloromethane	7.291	83	25581	0.187	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	42181	0.134	ppbv #	70
50) 4-Methyl-2-Pentanone	8.192	43	52886	0.265	ppbv	95
52) Tetrachloroethene	10.616	164	28563	0.444	ppbv	96
53) Toluene	9.221	91	184247	0.868	ppbv	100
58) Ethyl Benzene	12.101	91	13127	0.047	ppbv	97
59) m/p-Xylene	12.378	91	20762	0.089	ppbv #	31
60) o-Xylene	13.060	91	20687	0.095	ppbv #	31
62) Isopropylbenzene	14.031	105	11677	0.036	ppbv #	82
69) p-Isopropyltoluene	16.995	119	13550	0.040	ppbv #	47
73) 1,3,5-Trimethylbenzene	15.352	105	29116	0.130	ppbv	95
74) 1,2,4-Trimethylbenzene	16.108	105	88651	0.363	ppbv #	66
79) Naphthalene	21.387	128	533928	2.297	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	2893	0.031	ppbv	90

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ALS Vial : 1 Sample Multiplier: 1

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

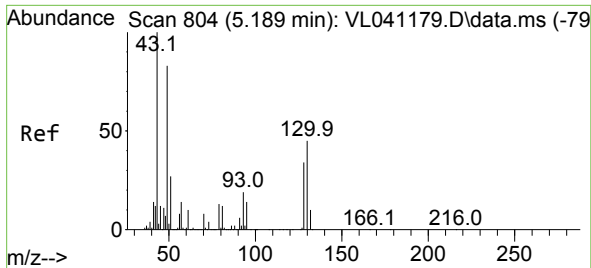
Quant Time: May 03 03:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration

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

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

Quant Time: May 03 03:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 03 03:34:47 2024
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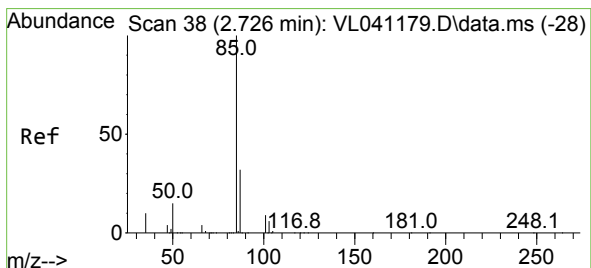
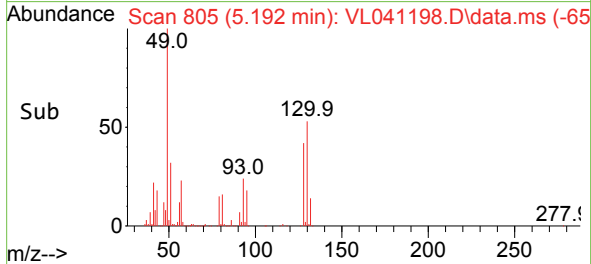
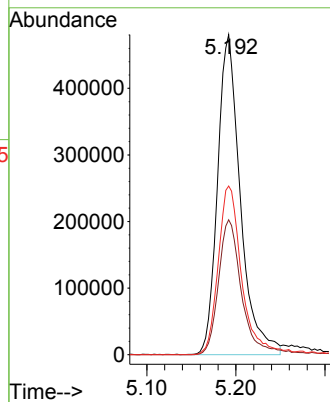
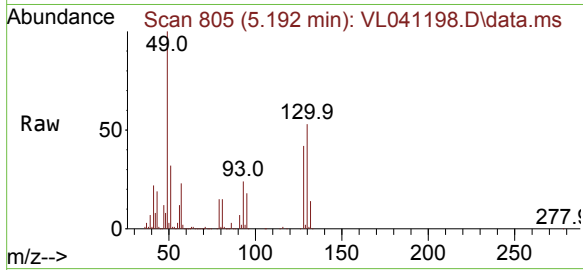




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

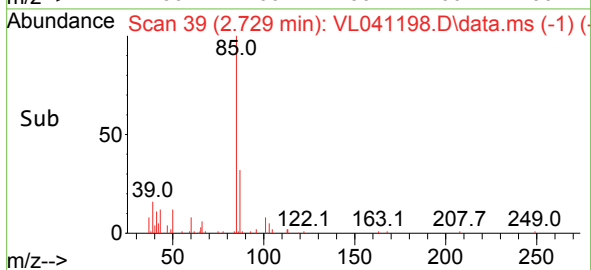
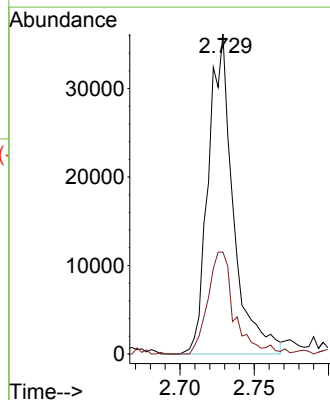
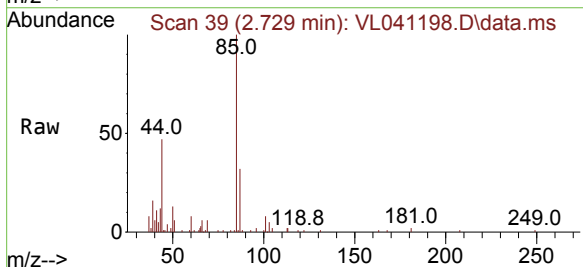
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

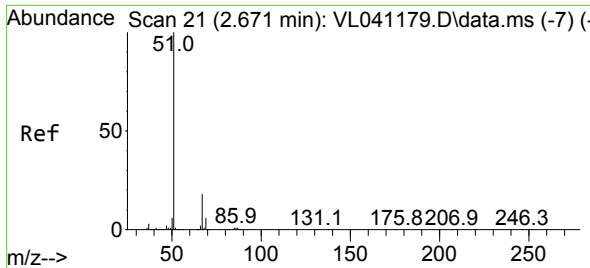
Tgt Ion: 49 Resp: 855331
Ion Ratio Lower Upper
49 100
128 43.9 21.5 64.5
130 55.6 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.366 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 85 Resp: 42307
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5

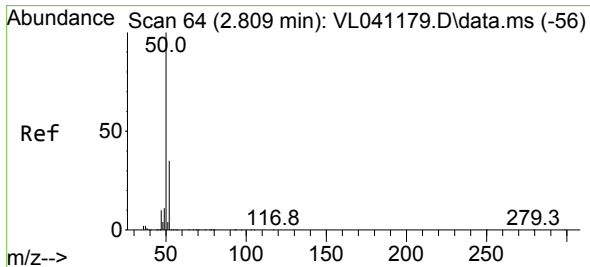
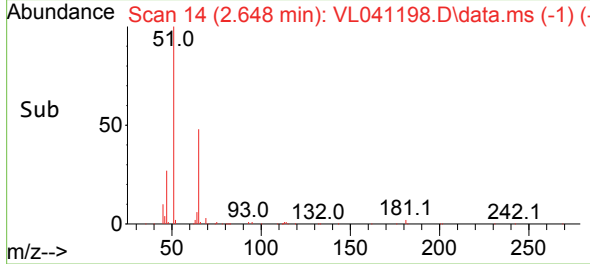
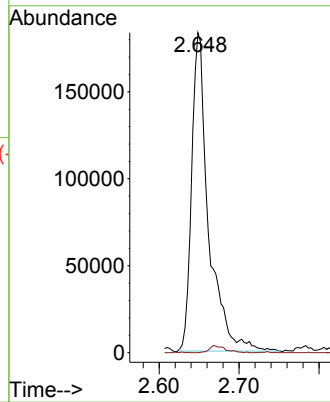
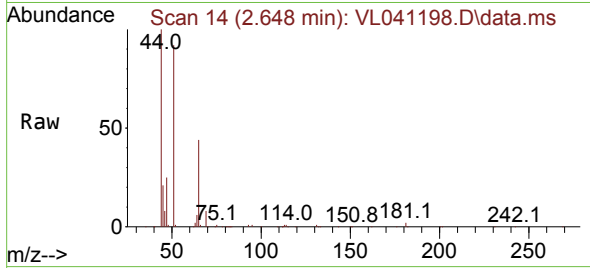




#3
Chlorodifluoromethane
Concen: 2.066 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.026 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

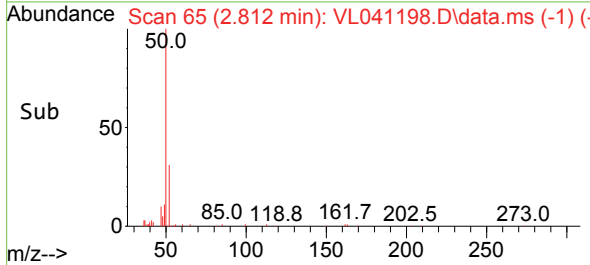
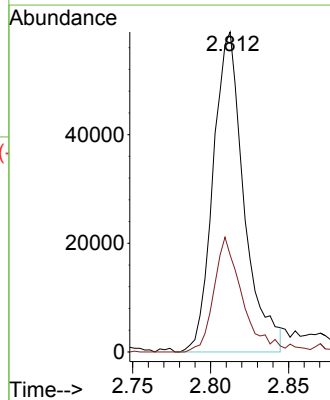
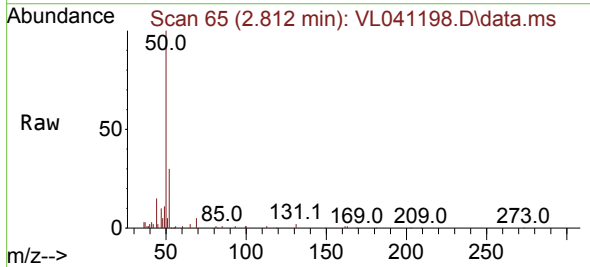
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

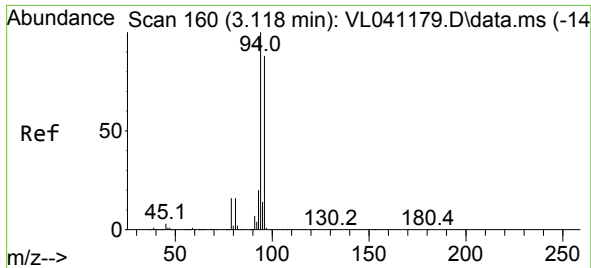
Tgt Ion: 51 Resp: 268445
Ion Ratio Lower Upper
51 100
67 2.2 14.0 21.0#



#4
Chloromethane
Concen: 1.593 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 50 Resp: 81189
Ion Ratio Lower Upper
50 100
52 30.3 28.3 42.5





#6

Bromomethane

Concen: 0.047 ppbv

RT: 3.118 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

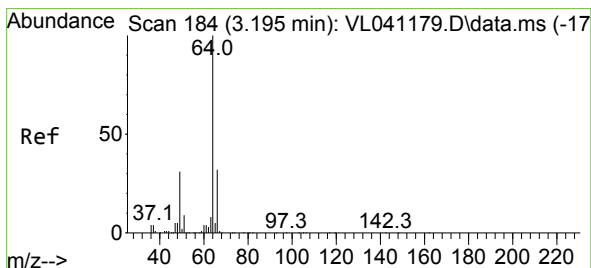
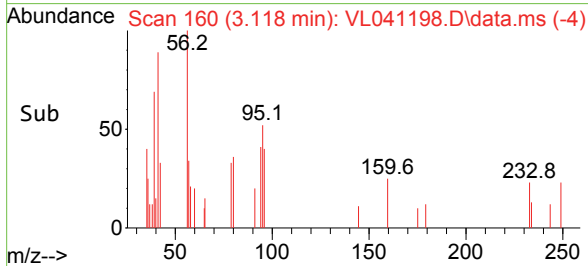
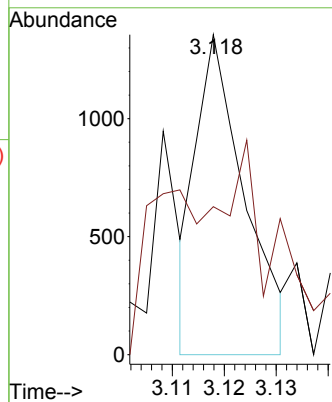
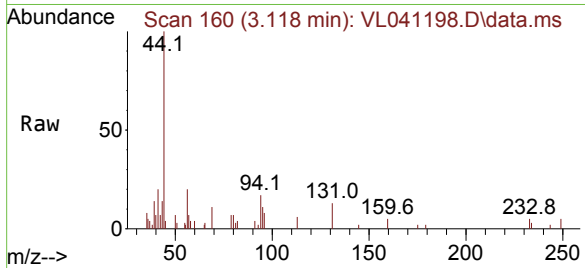
BA-20-SS03-20240425

Tgt Ion: 94 Resp: 878

Ion Ratio Lower Upper

94 100

96 4.7 70.1 105.1#



#7

Chloroethane

Concen: 0.085 ppbv

RT: 3.192 min Scan# 183

Delta R.T. -0.003 min

Lab File: VL041198.D

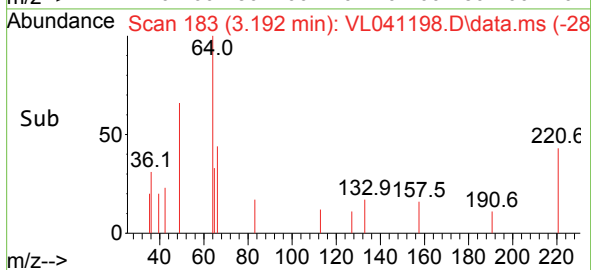
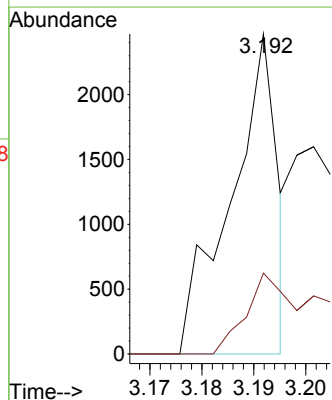
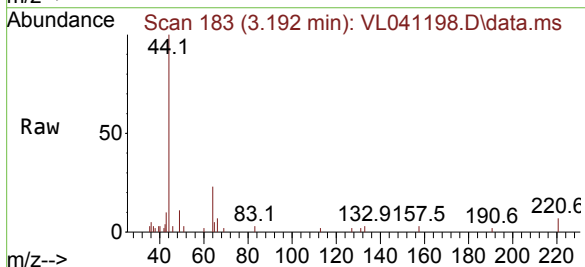
Acq: 2 May 2024 16:35

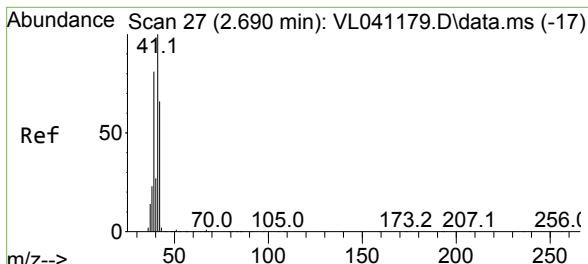
Tgt Ion: 64 Resp: 1537

Ion Ratio Lower Upper

64 100

66 25.2 25.4 38.2#





#9

Propene

Concen: 1.438 ppbv

RT: 2.697 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

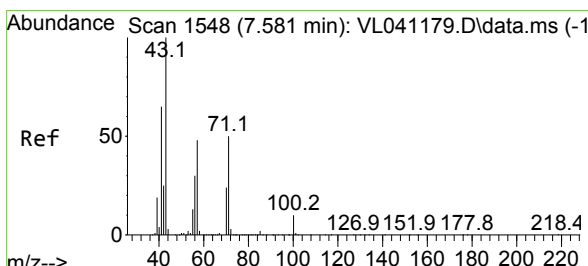
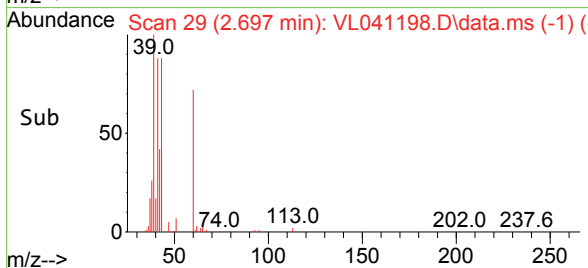
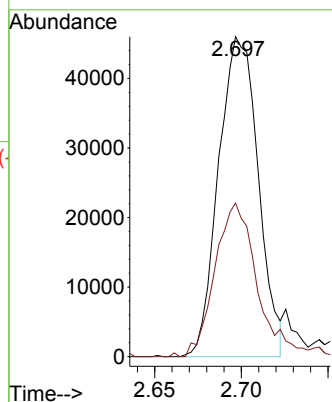
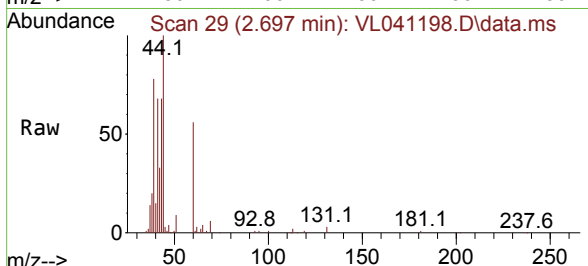
BA-20-SS03-20240425

Tgt Ion: 41 Resp: 73085

Ion Ratio Lower Upper

41 100

42 52.7 55.3 82.9#



#10

Heptane

Concen: 0.271 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL041198.D

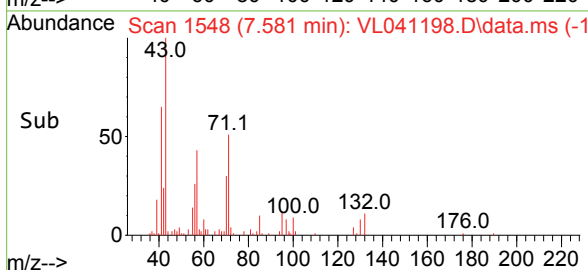
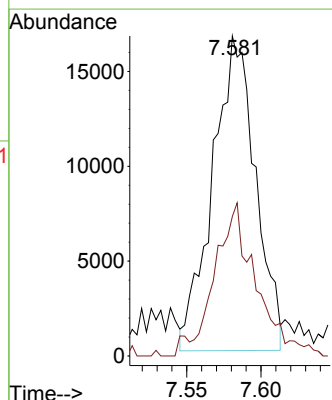
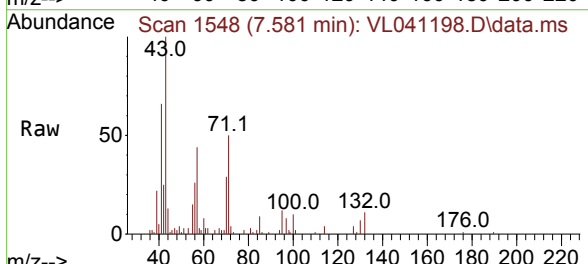
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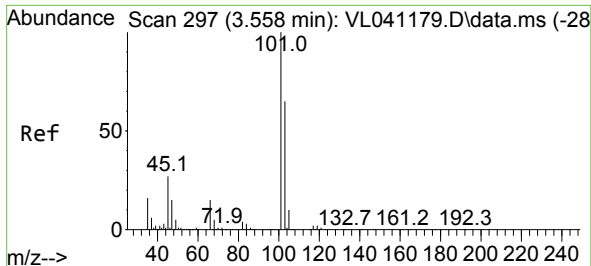
Tgt Ion: 43 Resp: 33344

Ion Ratio Lower Upper

43 100

57 48.1 38.7 58.1

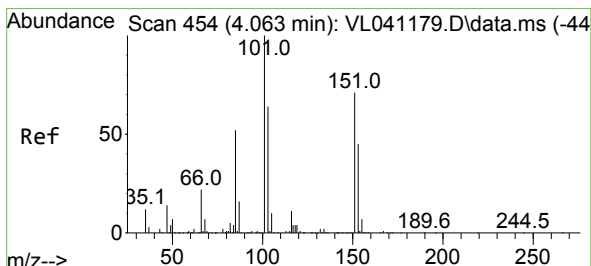
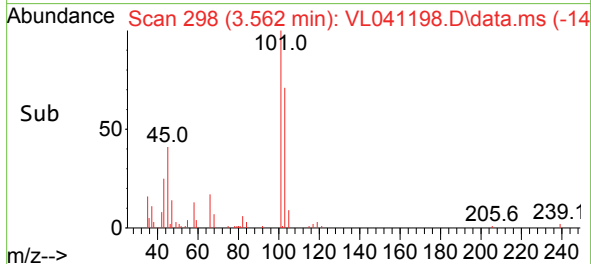
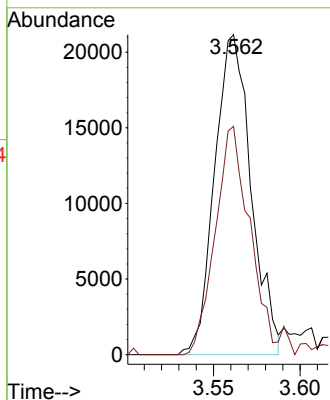
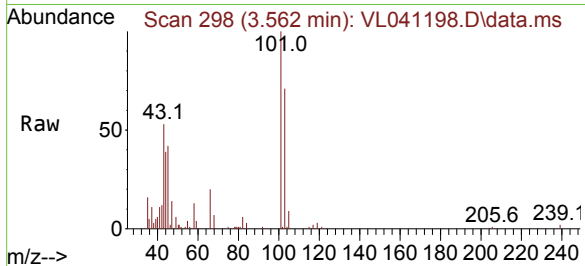




#11
Trichlorofluoromethane
Concen: 0.264 ppbv
RT: 3.562 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

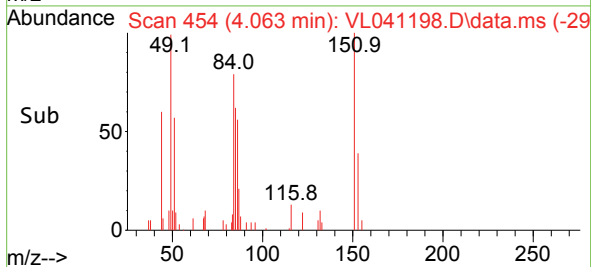
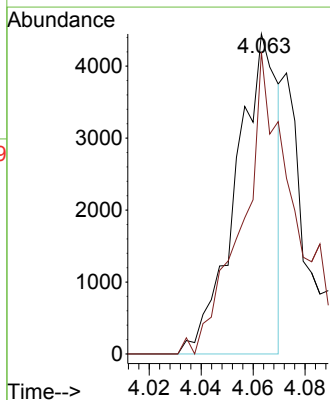
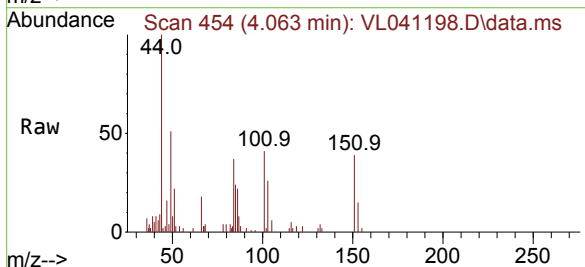
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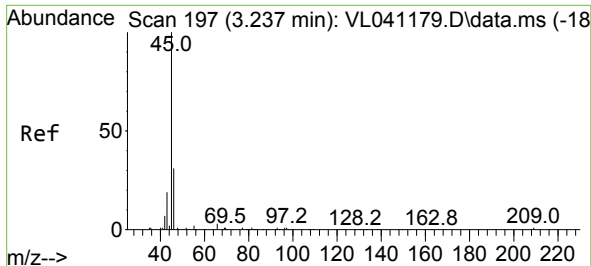
Tgt Ion:101 Resp: 31054
Ion Ratio Lower Upper
101 100
103 71.3 51.6 77.4



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.057 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion:101 Resp: 4956
Ion Ratio Lower Upper
101 100
151 119.8 56.8 85.2#

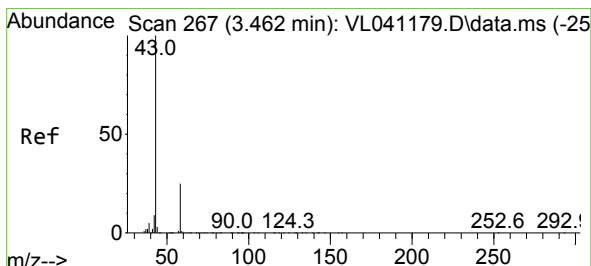
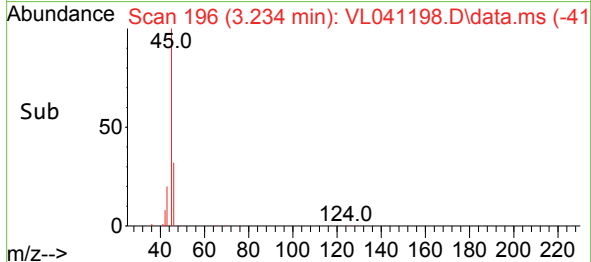
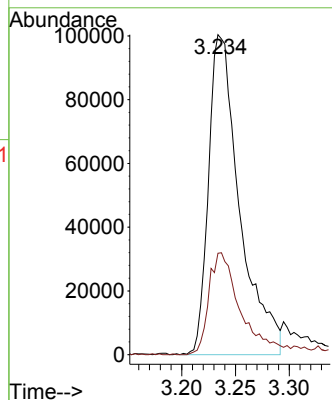
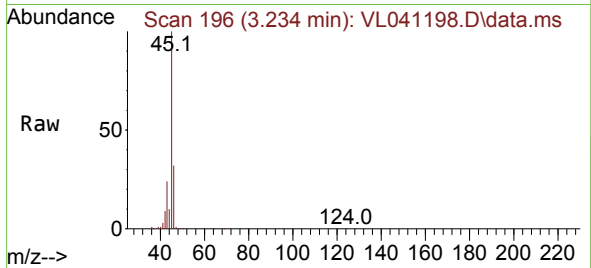




#13
Ethanol
Concen: 17.764 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

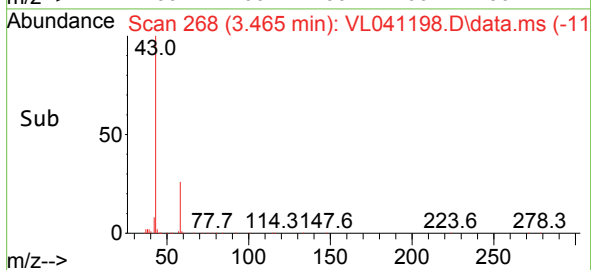
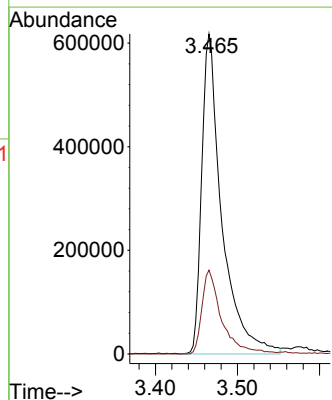
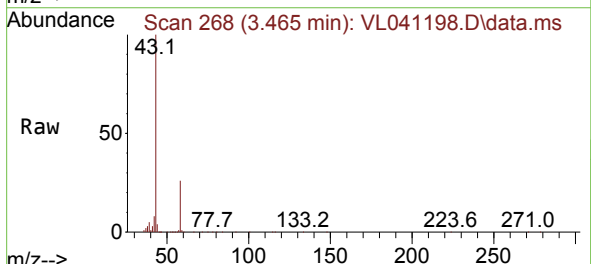
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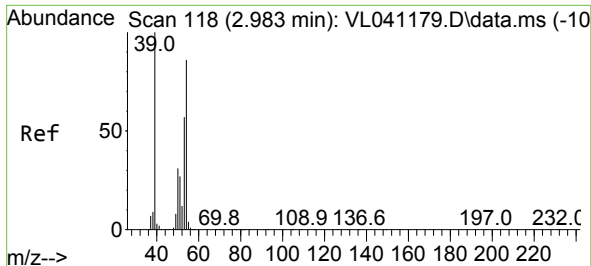
Tgt Ion: 45 Resp: 202447
Ion Ratio Lower Upper
45 100
46 36.3 14.8 59.0



#15
Acetone
Concen: 10.424 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 43 Resp: 1052289
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.0

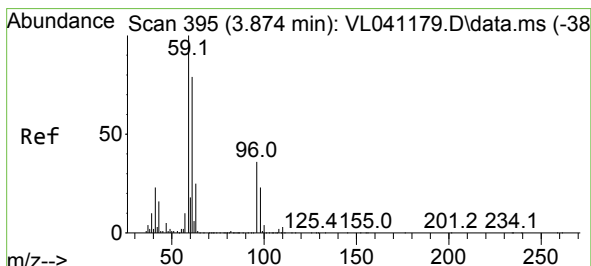
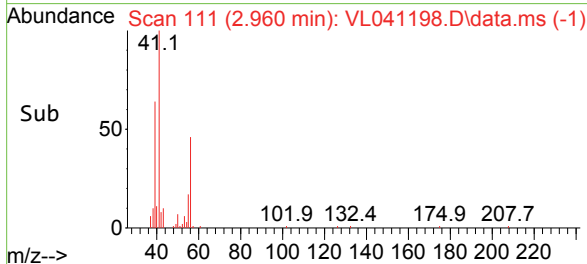
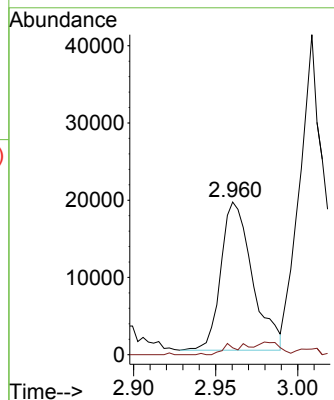
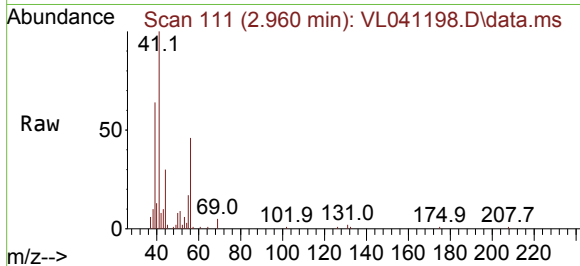




#16
1,3-Butadiene
Concen: 0.503 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.022 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

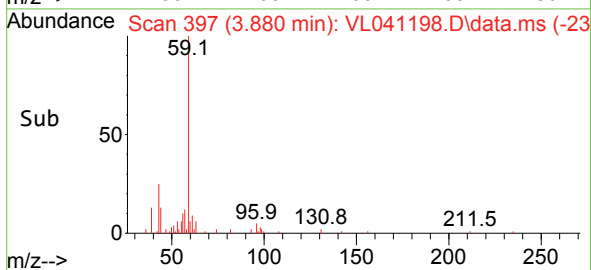
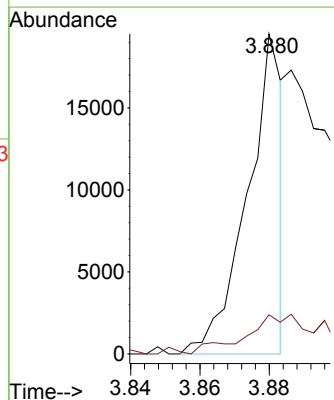
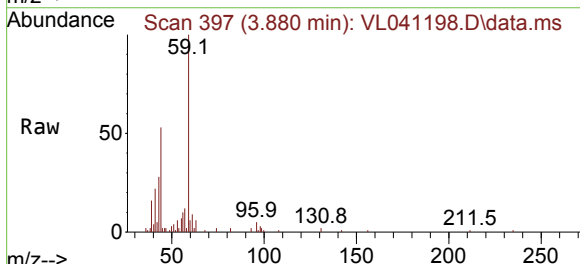
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

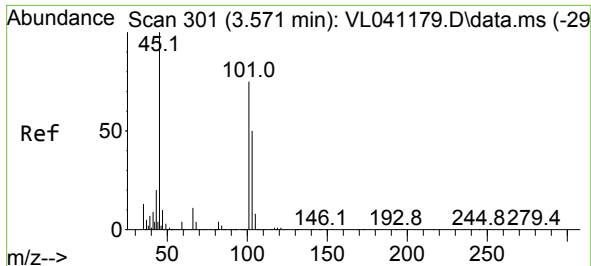
Tgt Ion: 39 Resp: 25656
Ion Ratio Lower Upper
39 100
54 14.3 62.2 93.4#



#17
tert-Butyl alcohol
Concen: 0.125 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.006 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 59 Resp: 13638
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

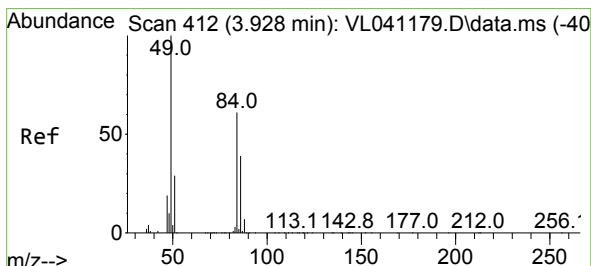
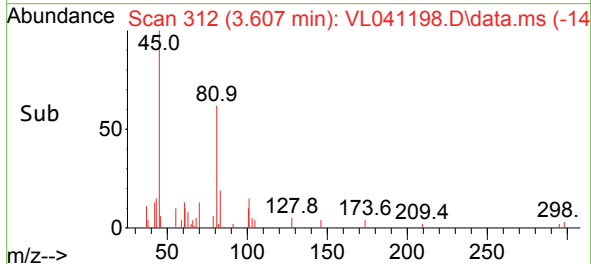
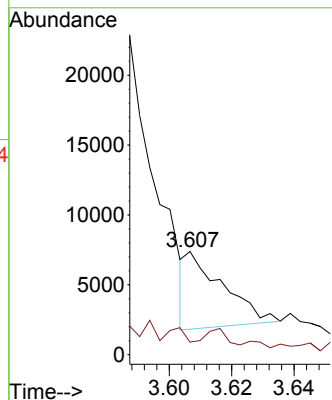
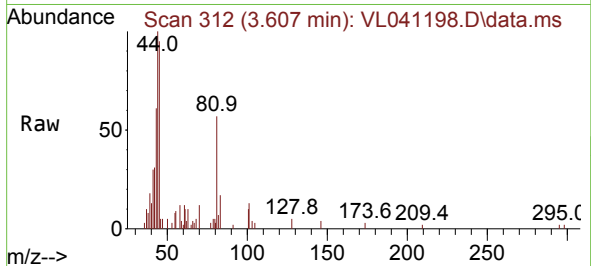




#19
Isopropyl Alcohol
Concen: 0.069 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.035 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

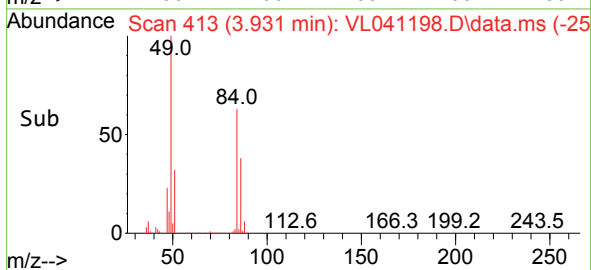
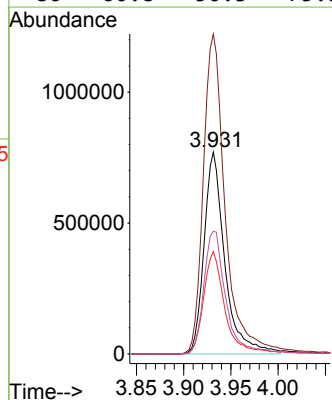
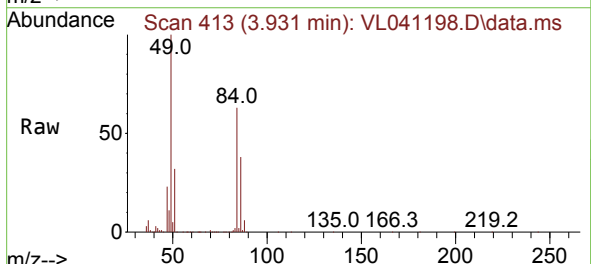
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

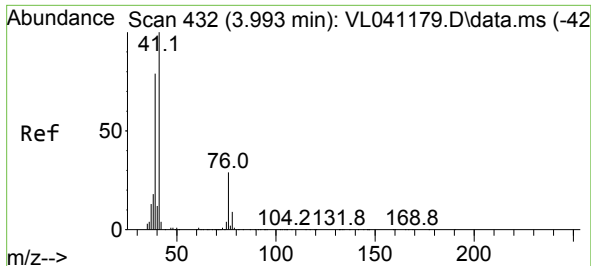
Tgt Ion: 45 Resp: 4579
Ion Ratio Lower Upper
45 100
58 0.0 26.8 40.2#



#20
Methylene Chloride
Concen: 33.639 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 84 Resp: 1180829
Ion Ratio Lower Upper
84 100
49 158.4 130.4 195.6
51 50.7 38.0 57.0
86 60.8 50.3 75.5





#21

Allyl Chloride

Concen: 0.734 ppbv

RT: 3.931 min Scan# 41

Delta R.T. -0.064 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

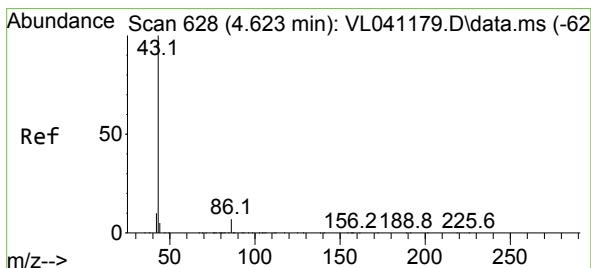
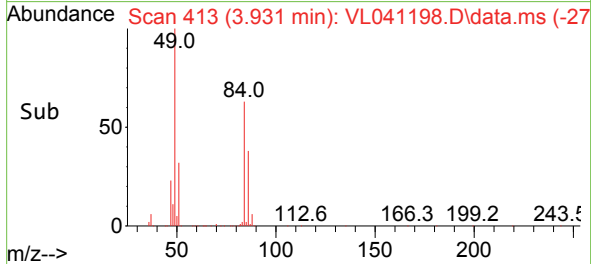
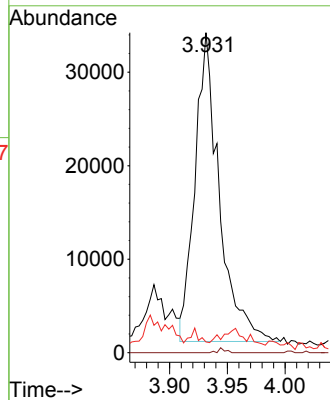
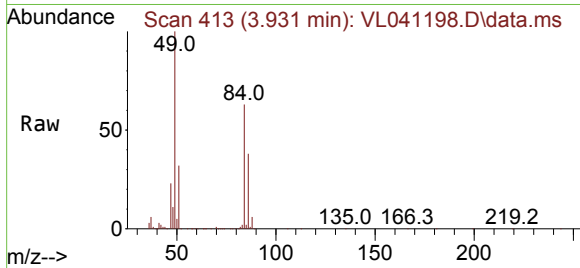
Tgt Ion: 41 Resp: 48302

Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 11.1 64.7 97.1#



#23

Vinyl Acetate

Concen: 0.797 ppbv

RT: 4.619 min Scan# 627

Delta R.T. -0.006 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Tgt Ion: 43 Resp: 88537

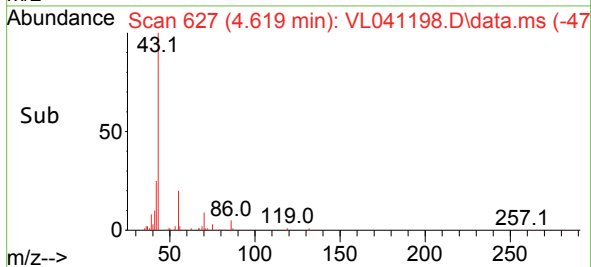
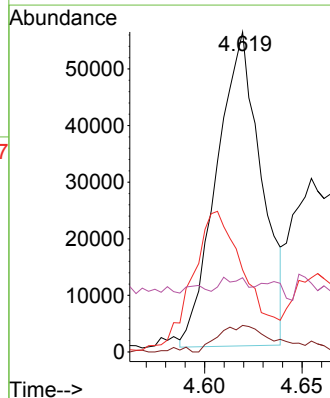
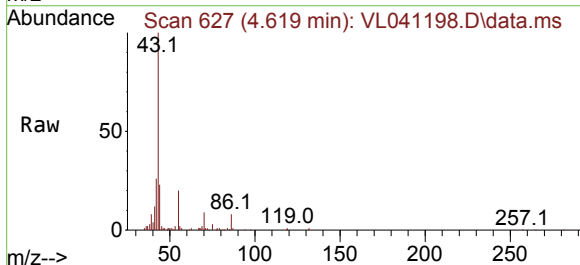
Ion Ratio Lower Upper

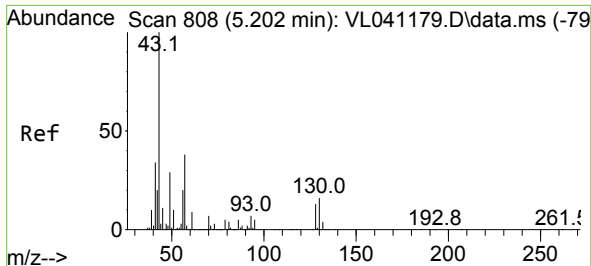
43 100

86 8.0 4.9 7.3#

42 17.2 8.0 12.0#

44 5.0 3.7 5.5

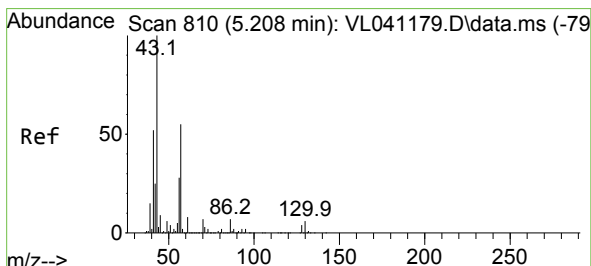
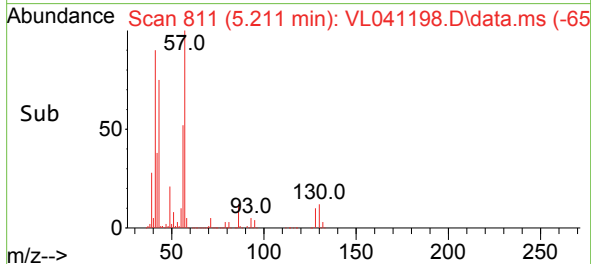
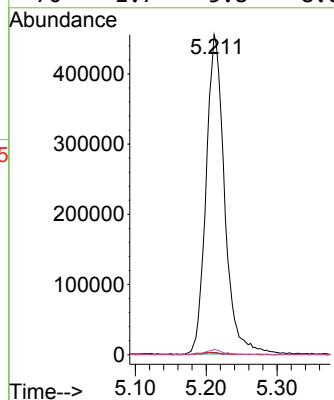
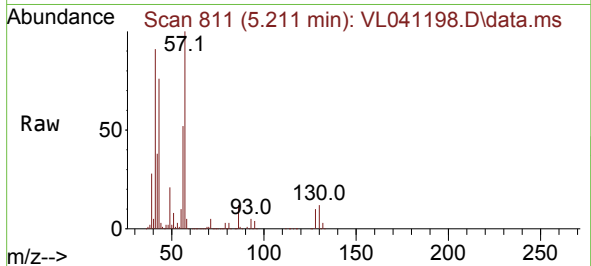




#25
Ethyl Acetate
Concen: 4.113 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

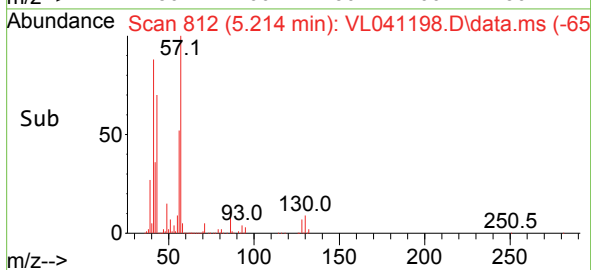
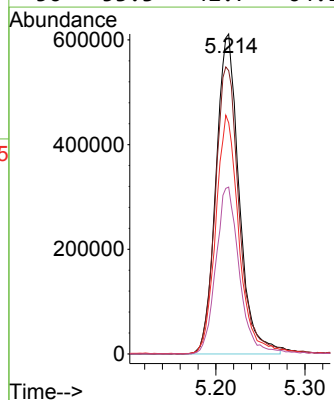
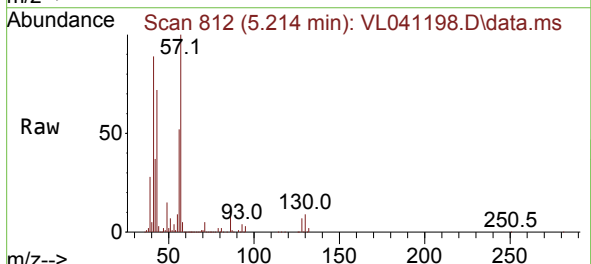
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

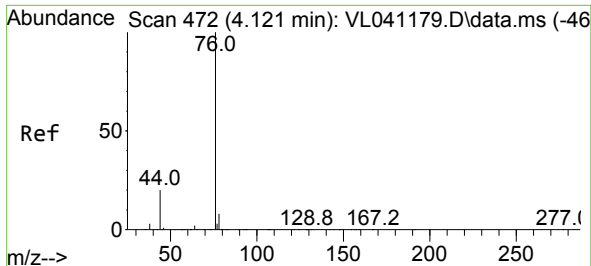
Tgt Ion: 43 Resp: 828670
Ion Ratio Lower Upper
43 100
45 1.1 8.2 12.2#
61 0.6 7.7 11.5#
70 1.7 5.8 8.6#



#26
Hexane
Concen: 12.298 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 57 Resp: 1105812
Ion Ratio Lower Upper
57 100
41 93.1 75.8 113.8
43 75.0 187.0 280.4#
56 53.3 42.7 64.1





#27

Carbon Disulfide

Concen: 0.348 ppbv

RT: 4.121 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

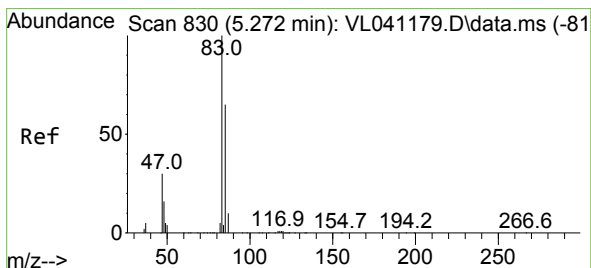
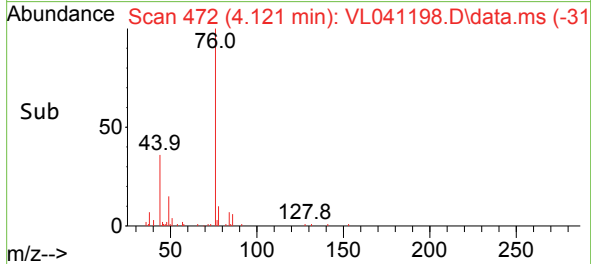
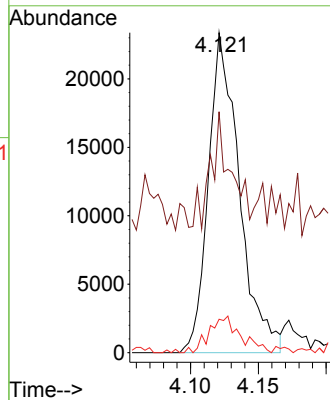
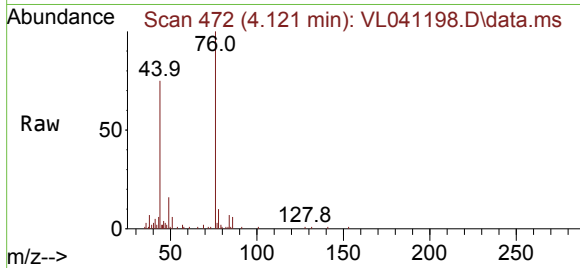
Tgt Ion: 76 Resp: 37073

Ion Ratio Lower Upper

76 100

44 33.8 16.3 24.5#

78 11.5 7.3 10.9#



#29

Chloroform

Concen: 0.542 ppbv

RT: 5.275 min Scan# 831

Delta R.T. 0.003 min

Lab File: VL041198.D

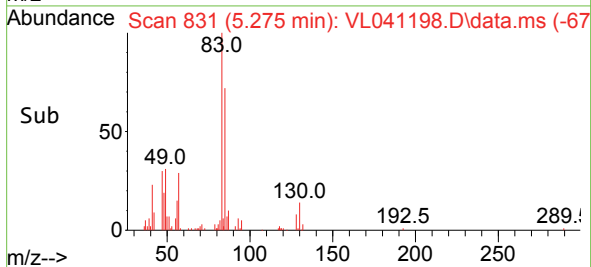
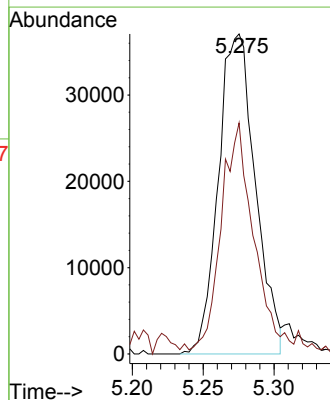
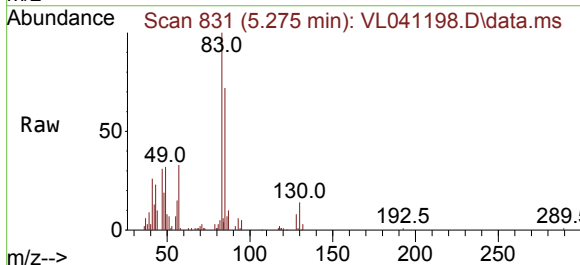
Acq: 2 May 2024 16:35

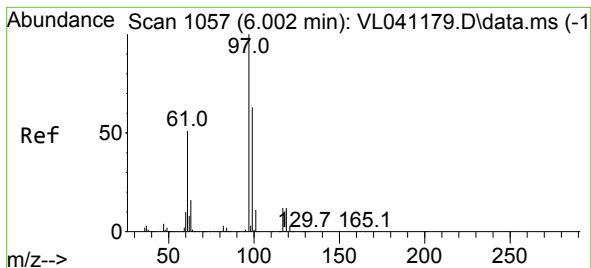
Tgt Ion: 83 Resp: 67289

Ion Ratio Lower Upper

83 100

85 70.9 51.7 77.5





#32

1,1,1-Trichloroethane

Concen: 0.898 ppbv

RT: 6.005 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

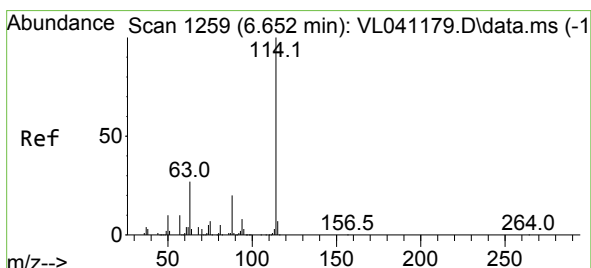
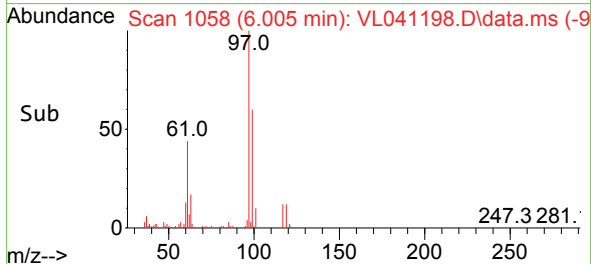
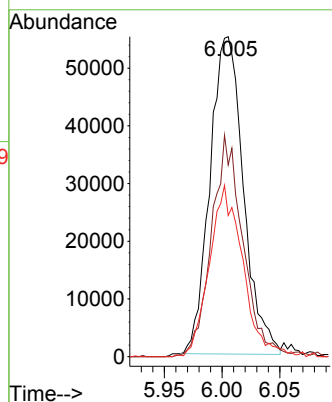
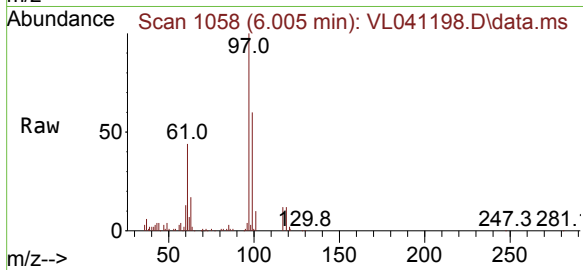
Tgt Ion: 97 Resp: 111101

Ion Ratio Lower Upper

97 100

99 66.2 51.7 77.5

61 54.1 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: VL041198.D

Acq: 2 May 2024 16:35

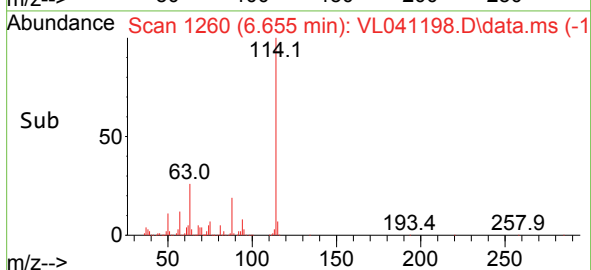
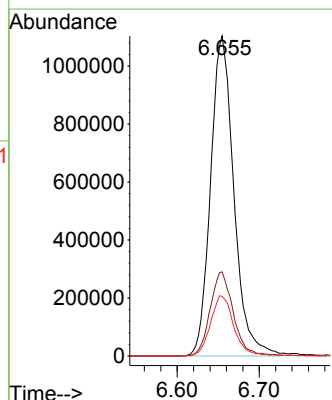
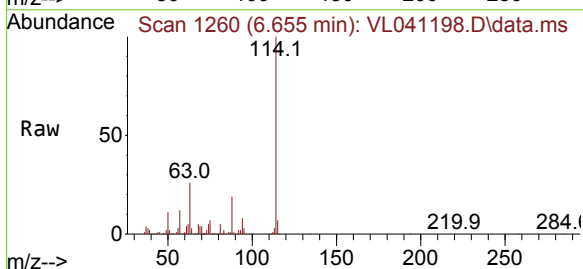
Tgt Ion: 114 Resp: 2182210

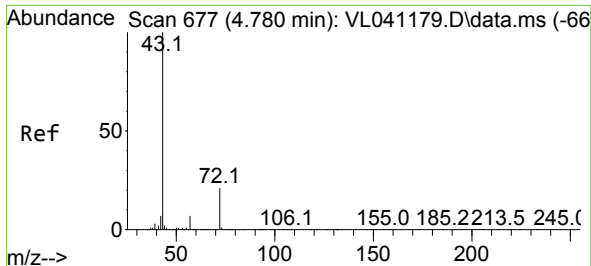
Ion Ratio Lower Upper

114 100

63 26.3 21.8 32.6

88 19.0 15.2 22.8

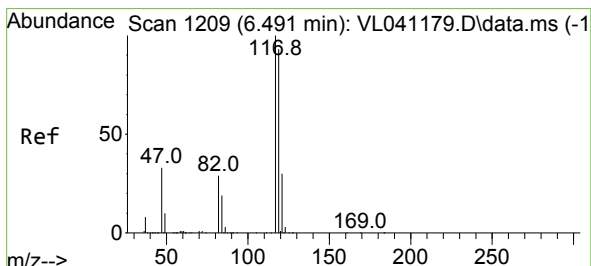
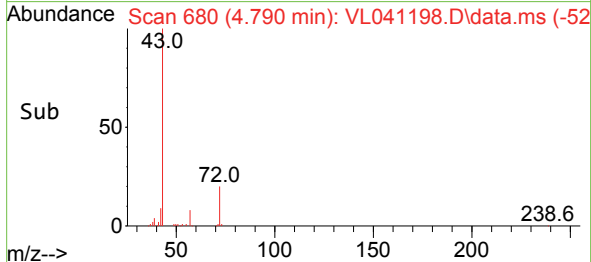
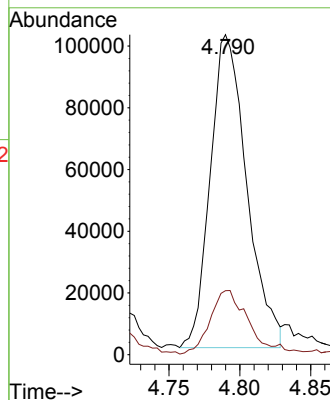
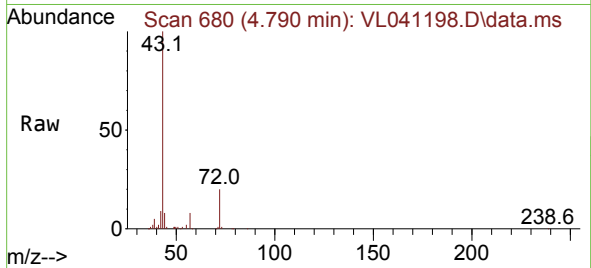




#34
2-Butanone
Concen: 1.637 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

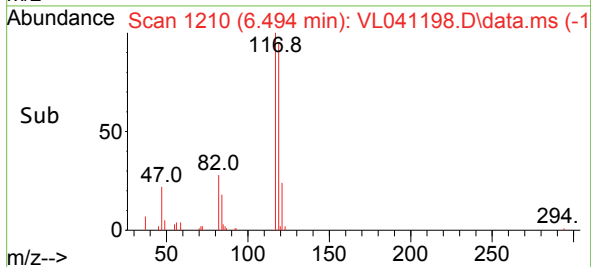
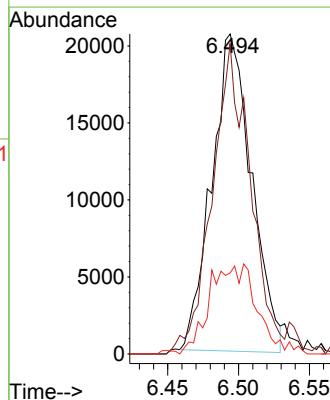
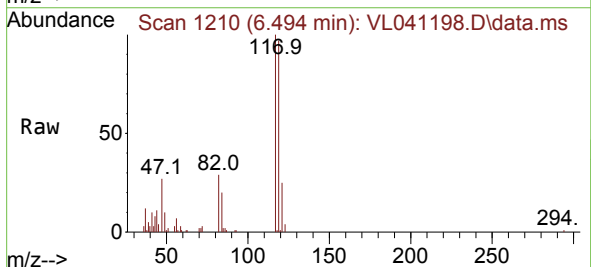
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

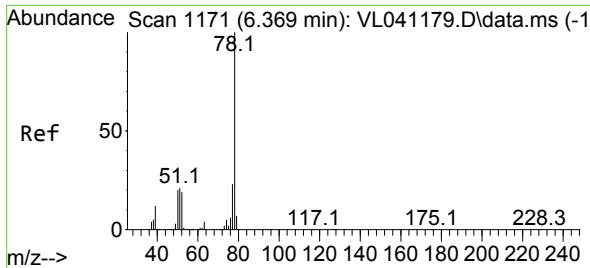
Tgt Ion: 43 Resp: 181818
Ion Ratio Lower Upper
43 100
72 22.0 17.3 25.9



#35
Carbon Tetrachloride
Concen: 0.329 ppbv
RT: 6.494 min Scan# 1210
Delta R.T. 0.003 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 117 Resp: 40350
Ion Ratio Lower Upper
117 100
119 92.5 74.3 111.5
121 25.7 23.8 35.8





#36

Benzene

Concen: 0.111 ppbv

RT: 6.372 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

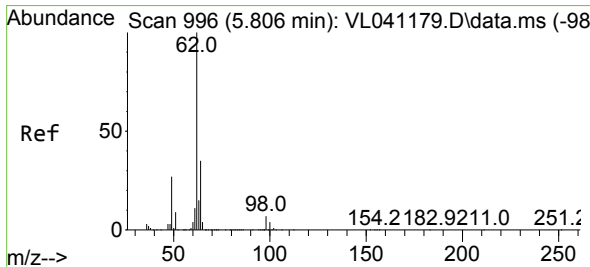
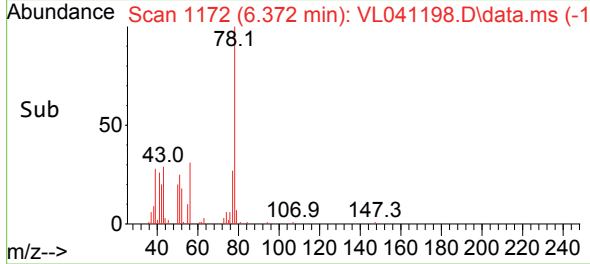
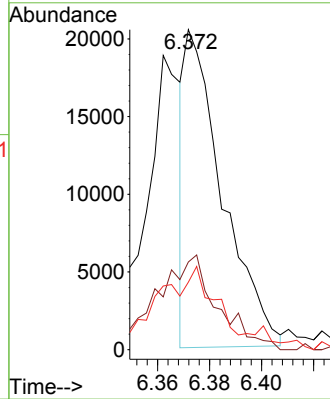
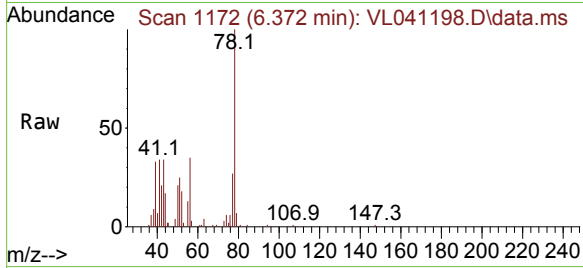
Tgt Ion: 78 Resp: 20414

Ion Ratio Lower Upper

78 100

77 29.2 18.3 27.5#

50 16.1 15.9 23.9



#37

1,2-Dichloroethane

Concen: 0.045 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.006 min

Lab File: VL041198.D

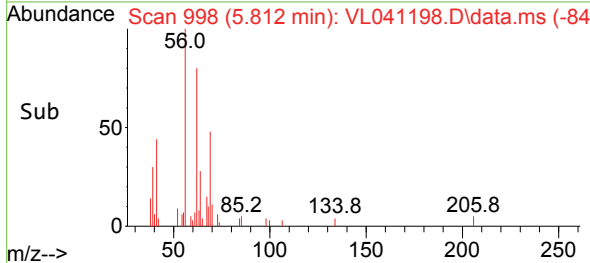
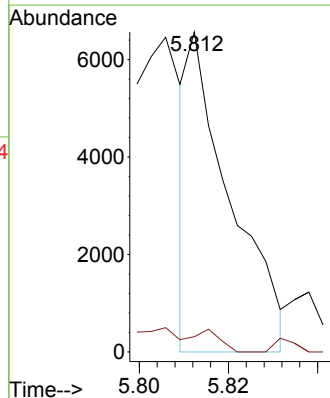
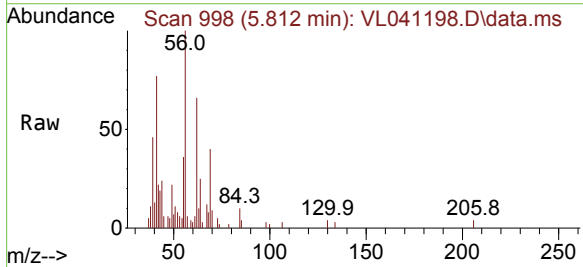
Acq: 2 May 2024 16:35

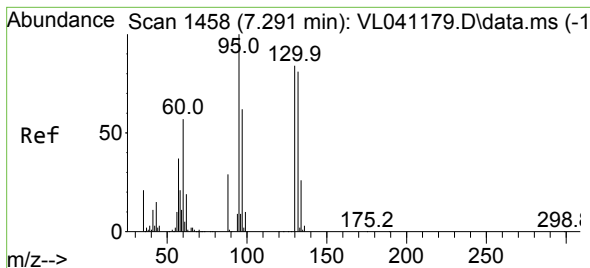
Tgt Ion: 62 Resp: 4327

Ion Ratio Lower Upper

62 100

98 0.0 5.0 7.4#





#38

Trichloroethene

Concen: 37.892 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VL041198.D

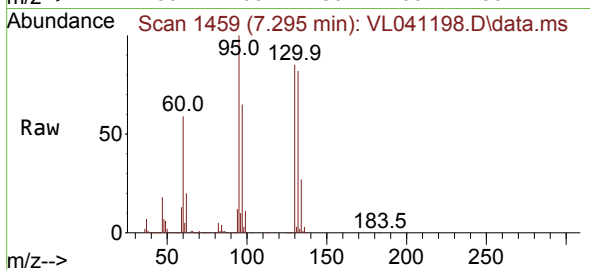
Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425



Tgt Ion:130 Resp: 2585900

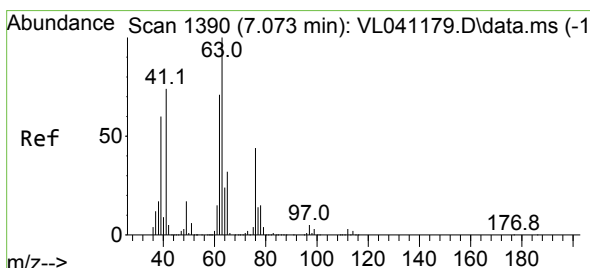
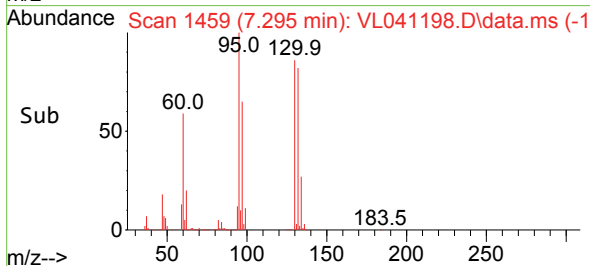
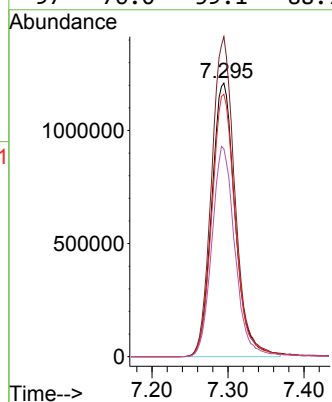
Ion Ratio Lower Upper

130 100

95 117.0 95.0 142.6

132 95.9 77.0 115.4

97 76.0 59.1 88.7



#39

1,2-Dichloropropane

Concen: 0.092 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.219 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

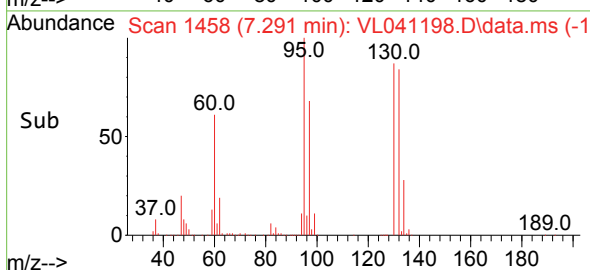
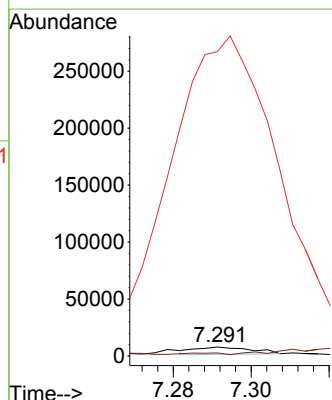
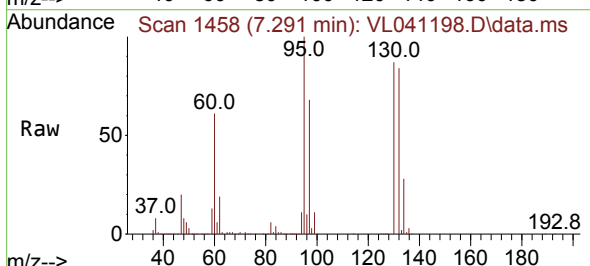
Tgt Ion: 63 Resp: 6473

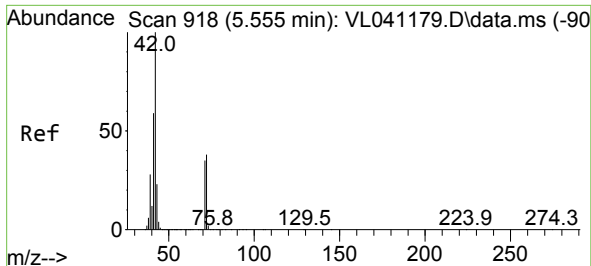
Ion Ratio Lower Upper

63 100

41 12.0 59.4 89.0#

62 1774.8 56.8 85.2#





#41

Tetrahydrofuran

Concen: 0.105 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL041198.D

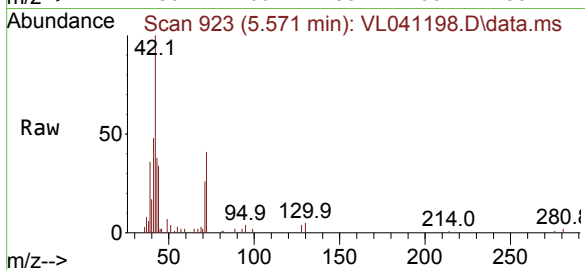
Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425



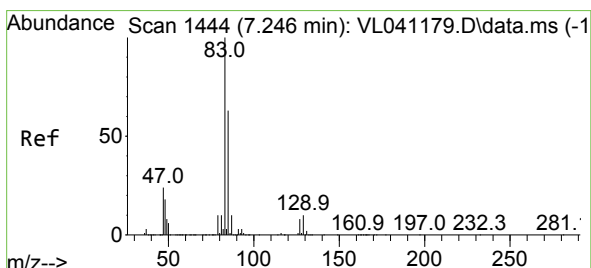
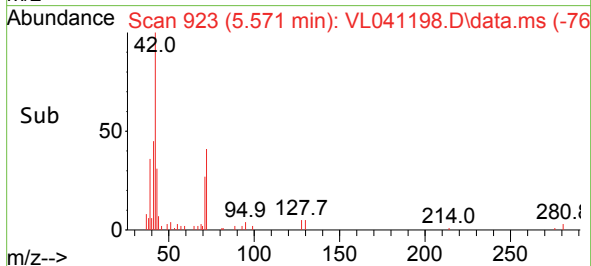
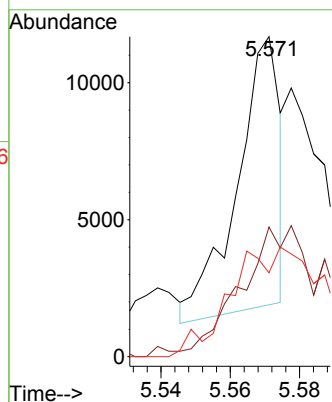
Tgt Ion: 42 Resp: 8447

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.0#

71 0.0 29.1 43.7#



#42

Bromodichloromethane

Concen: 0.187 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.045 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

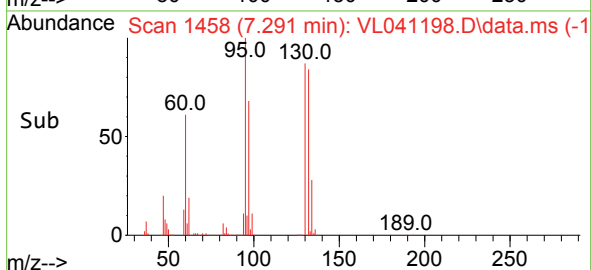
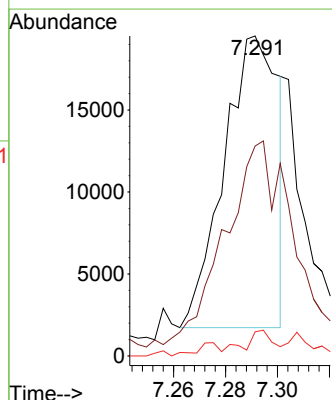
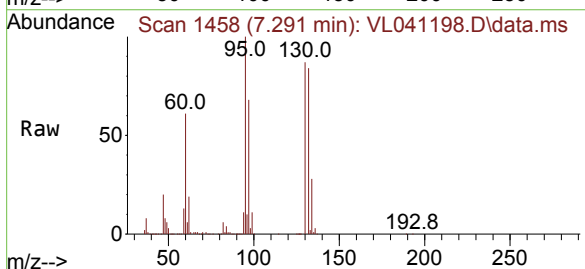
Tgt Ion: 83 Resp: 25581

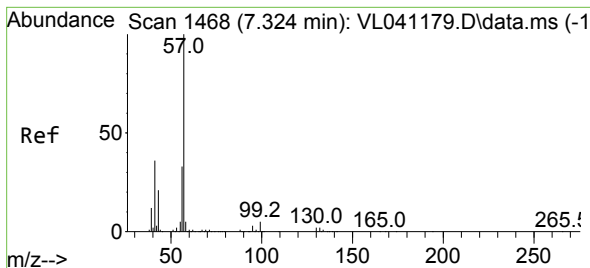
Ion Ratio Lower Upper

83 100

85 63.8 50.6 75.8

127 7.1 6.2 9.4





#44

2,2,4-Trimethylpentane

Concen: 0.134 ppbv

RT: 7.330 min Scan# 1468

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

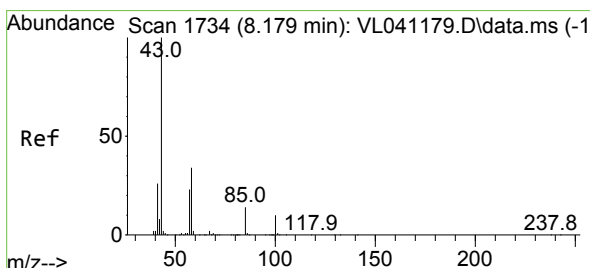
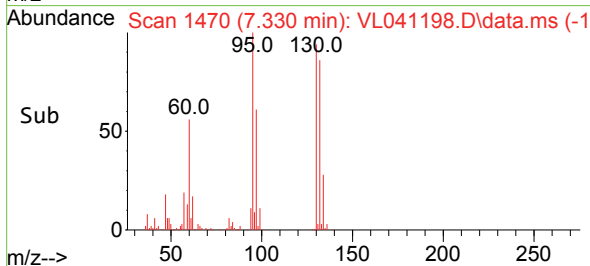
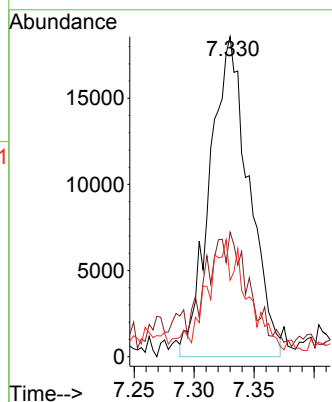
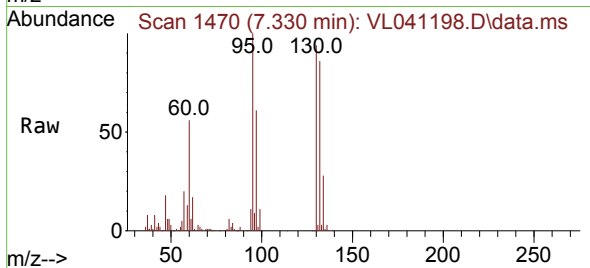
Tgt Ion: 57 Resp: 42181

Ion Ratio Lower Upper

57 100

41 53.2 29.5 44.3#

56 50.3 25.3 37.9#



#50

4-Methyl-2-Pentanone

Concen: 0.265 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.013 min

Lab File: VL041198.D

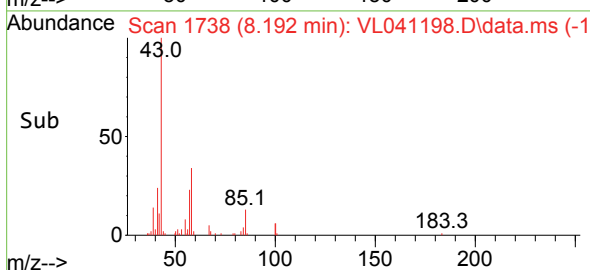
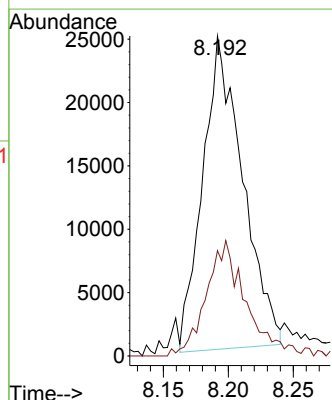
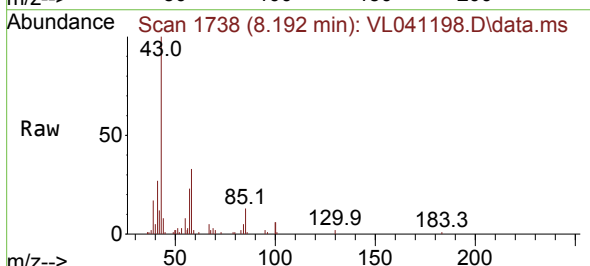
Acq: 2 May 2024 16:35

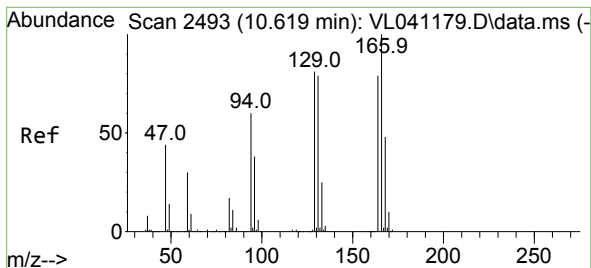
Tgt Ion: 43 Resp: 52886

Ion Ratio Lower Upper

43 100

58 37.2 27.7 41.5





#52

Tetrachloroethene

Concen: 0.444 ppbv

RT: 10.616 min Scan# 2493

Delta R.T. 0.003 min

Lab File: VL041198.D

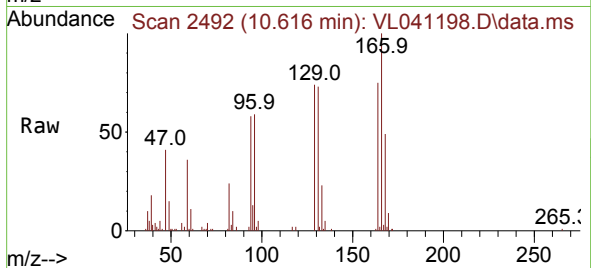
Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425



Tgt Ion:164 Resp: 28563

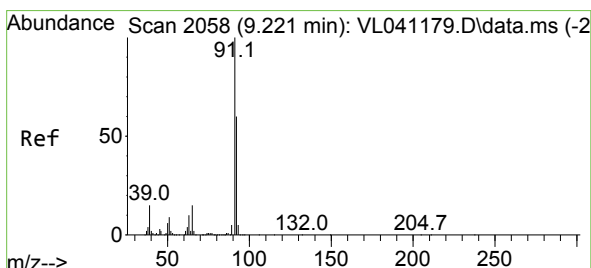
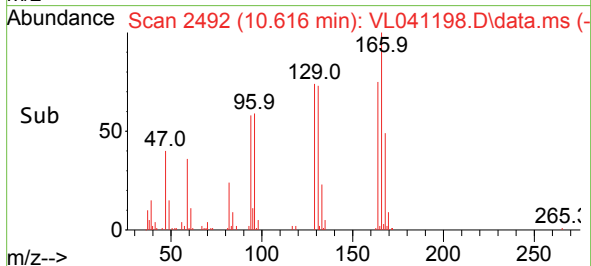
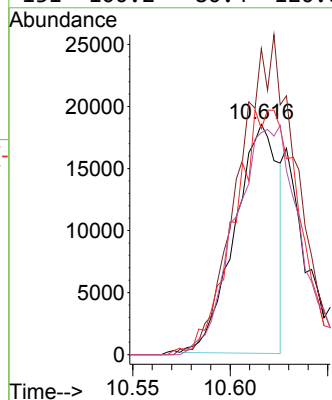
Ion Ratio Lower Upper

164 100

166 131.8 101.1 151.7

129 96.1 81.7 122.5

131 100.2 80.4 120.6



#53

Toluene

Concen: 0.868 ppbv

RT: 9.221 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041198.D

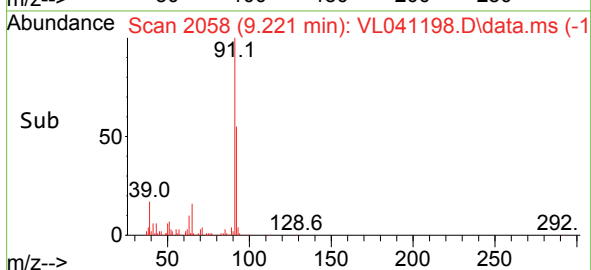
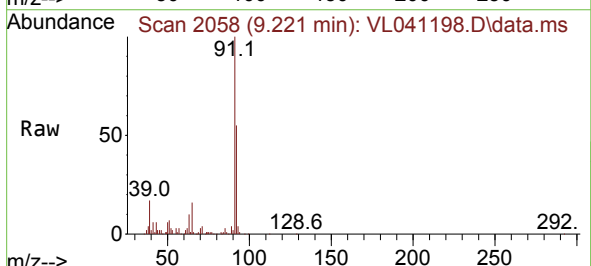
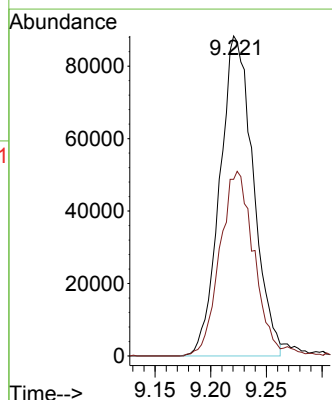
Acq: 2 May 2024 16:35

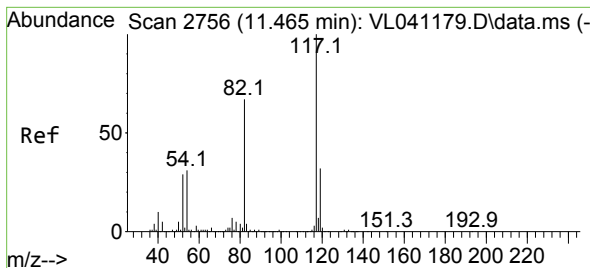
Tgt Ion: 91 Resp: 184247

Ion Ratio Lower Upper

91 100

92 60.3 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: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

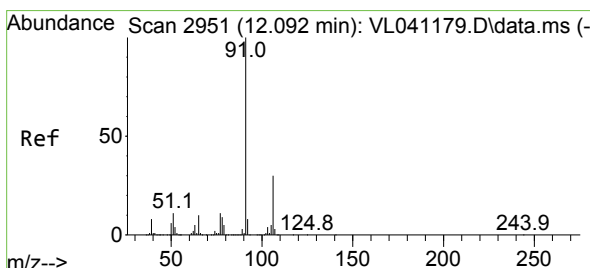
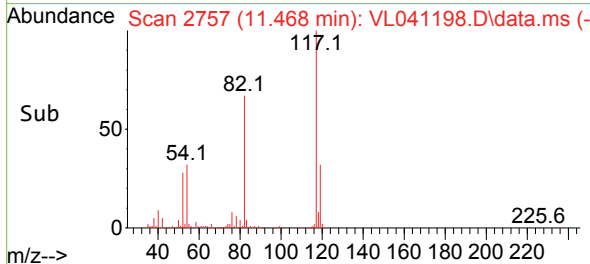
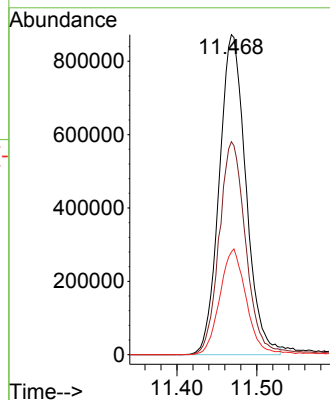
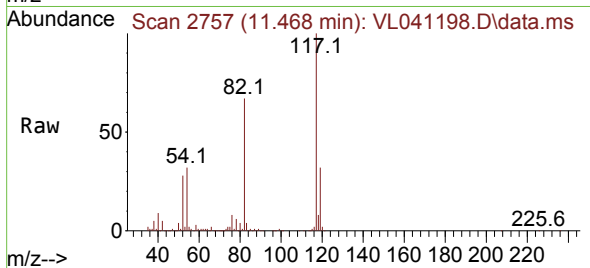
Tgt Ion:117 Resp: 2018660

Ion Ratio Lower Upper

117 100

82 67.7 53.6 80.4

119 33.0 27.2 40.8



#58

Ethyl Benzene

Concen: 0.047 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.016 min

Lab File: VL041198.D

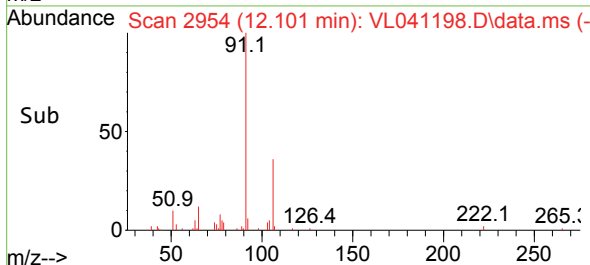
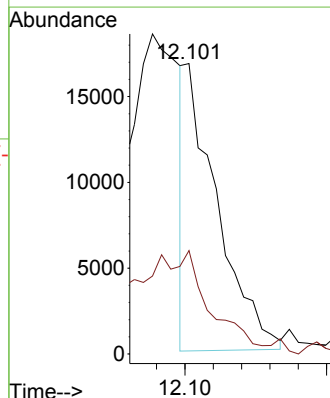
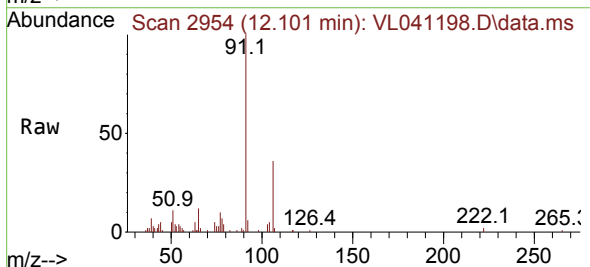
Acq: 2 May 2024 16:35

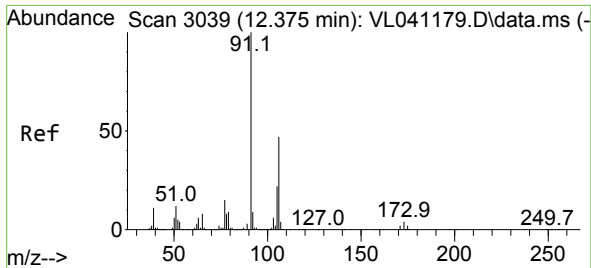
Tgt Ion: 91 Resp: 13127

Ion Ratio Lower Upper

91 100

106 31.8 24.3 36.5

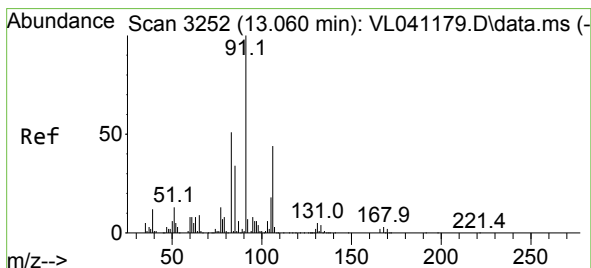
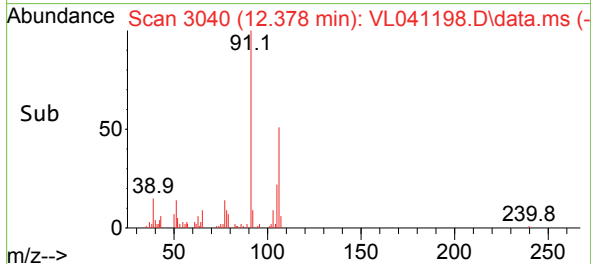
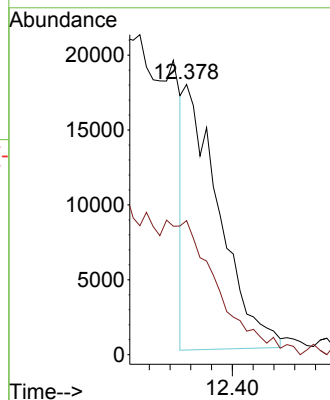
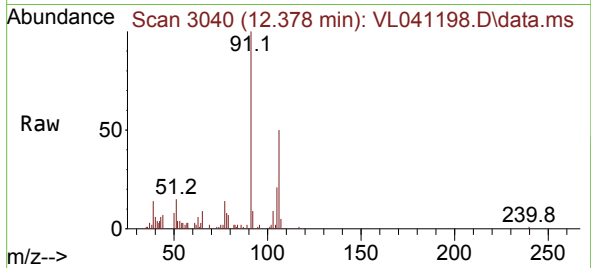




#59
m/p-Xylene
Concen: 0.089 ppbv
RT: 12.378 min Scan# 3039
Delta R.T. 0.007 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

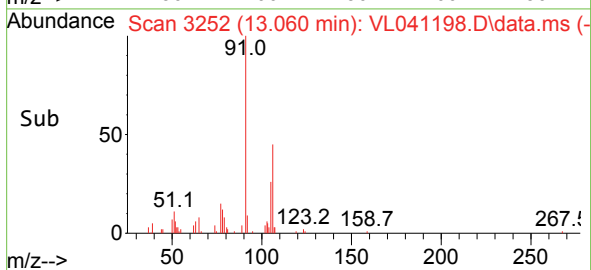
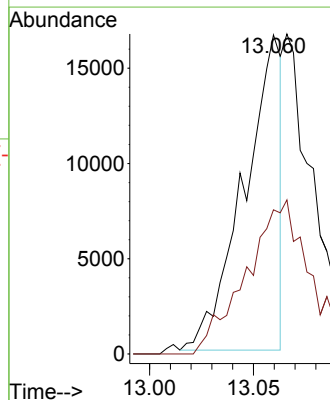
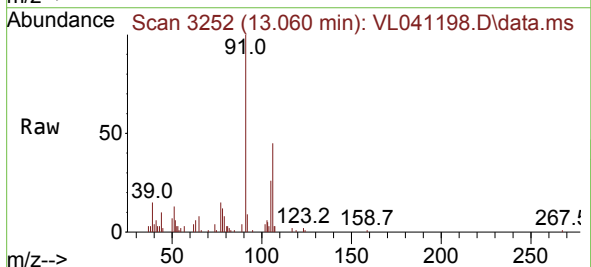
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425

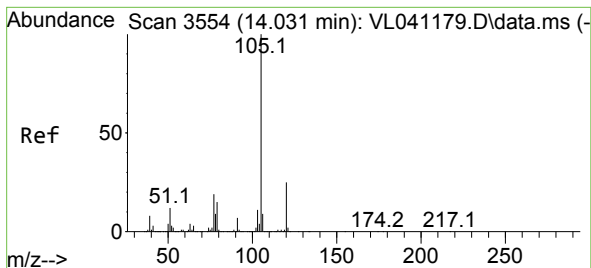
Tgt Ion: 91 Resp: 20762
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5#



#60
o-Xylene
Concen: 0.095 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041198.D
Acq: 2 May 2024 16:35

Tgt Ion: 91 Resp: 20687
Ion Ratio Lower Upper
91 100
106 0.0 22.4 67.3#





#62

Isopropylbenzene

Concen: 0.036 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

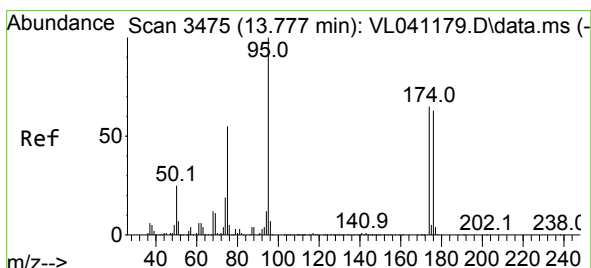
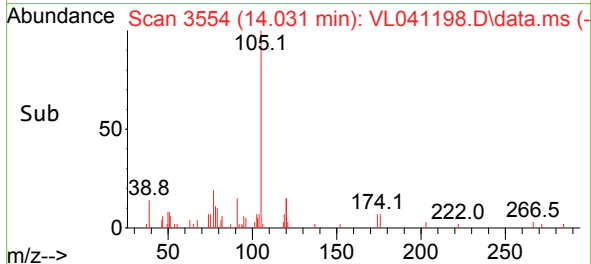
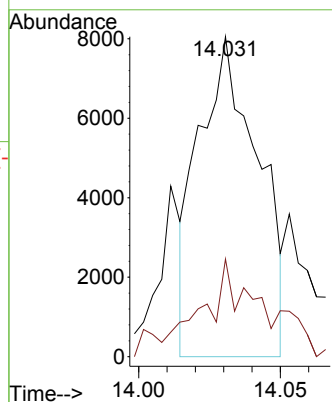
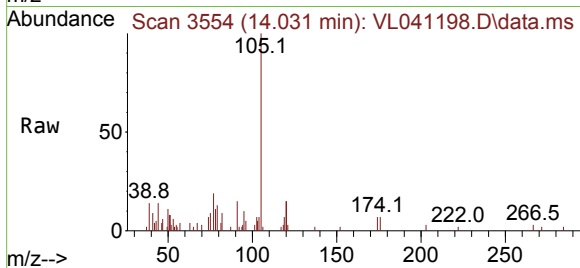
BA-20-SS03-20240425

Tgt Ion:105 Resp: 11677

Ion Ratio Lower Upper

105 100

120 34.3 20.2 30.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.161 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.006 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

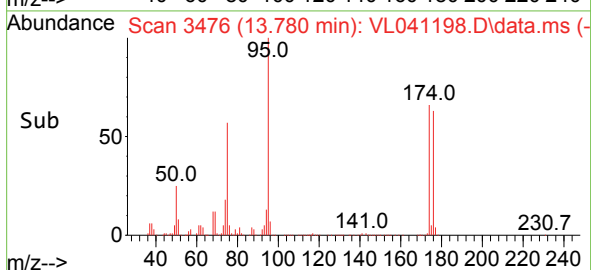
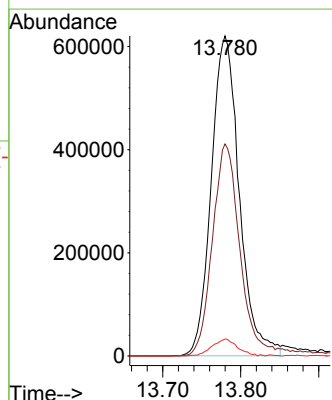
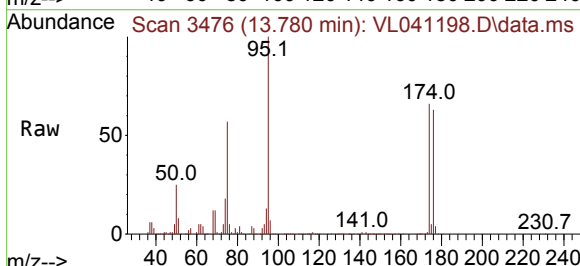
Tgt Ion: 95 Resp: 1548566

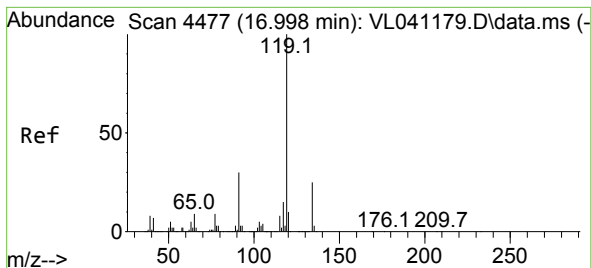
Ion Ratio Lower Upper

95 100

174 67.9 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.040 ppbv

RT: 16.995 min Scan# 4477

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

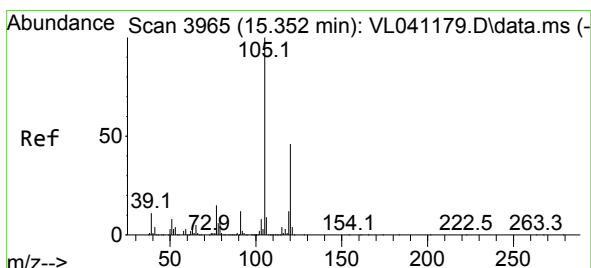
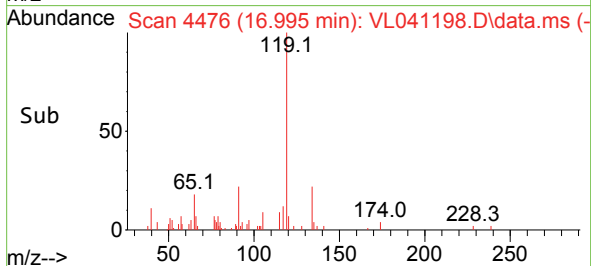
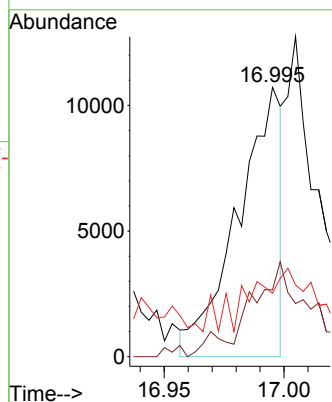
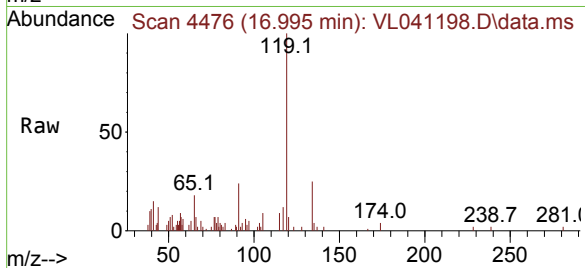
Tgt Ion:119 Resp: 13550

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 0.0 24.2 36.2#



#73

1,3,5-Trimethylbenzene

Concen: 0.130 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041198.D

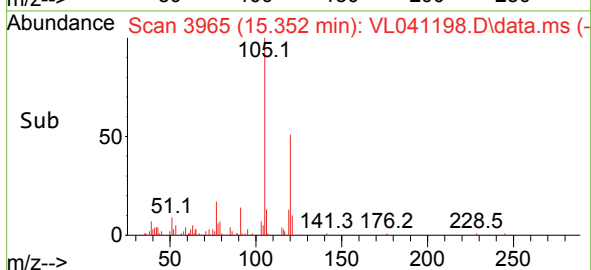
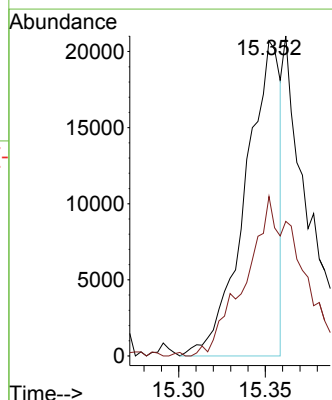
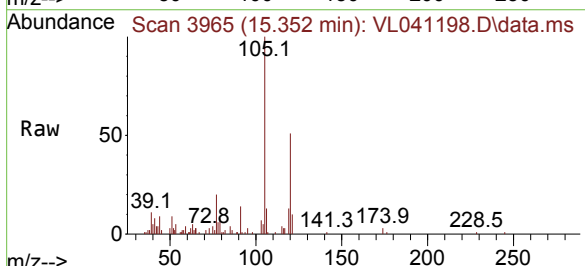
Acq: 2 May 2024 16:35

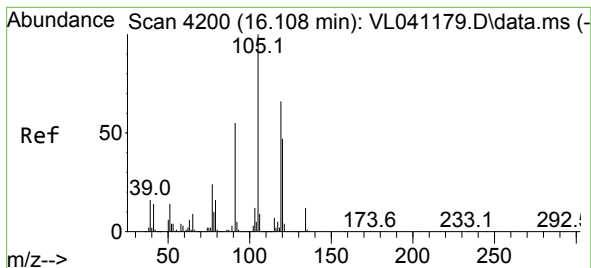
Tgt Ion:105 Resp: 29116

Ion Ratio Lower Upper

105 100

120 49.5 37.0 55.4





#74

1,2,4-Trimethylbenzene

Concen: 0.363 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425

Tgt Ion:105 Resp: 88651

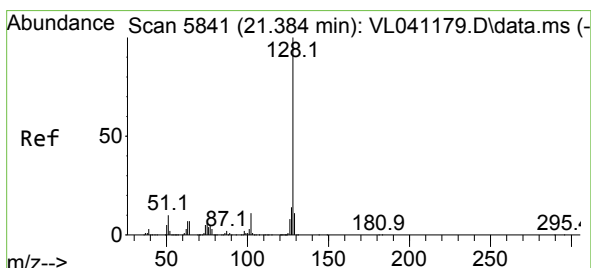
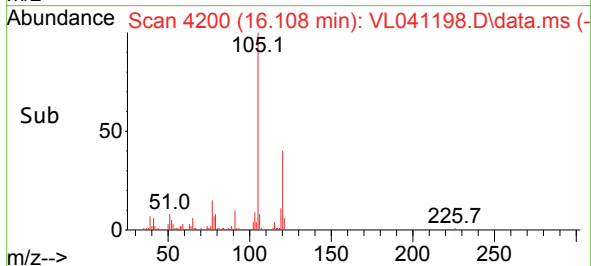
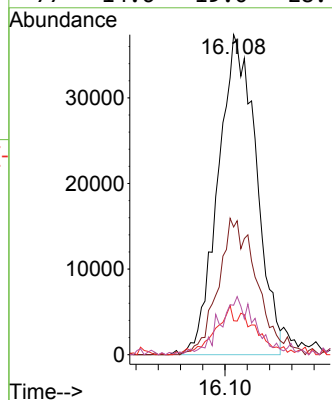
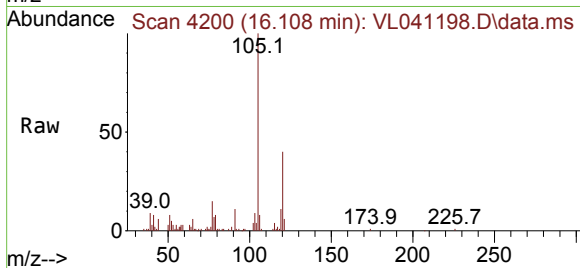
Ion Ratio Lower Upper

105 100

120 39.9 37.8 56.6

91 11.5 44.3 66.5#

77 14.6 19.0 28.4#



#79

Naphthalene

Concen: 2.297 ppbv

RT: 21.387 min Scan# 5842

Delta R.T. 0.003 min

Lab File: VL041198.D

Acq: 2 May 2024 16:35

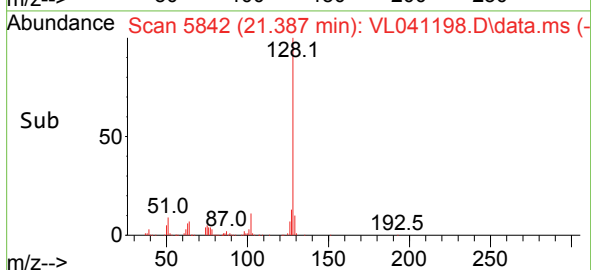
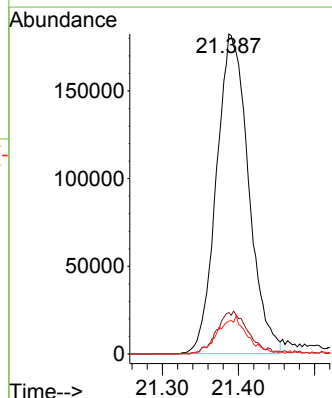
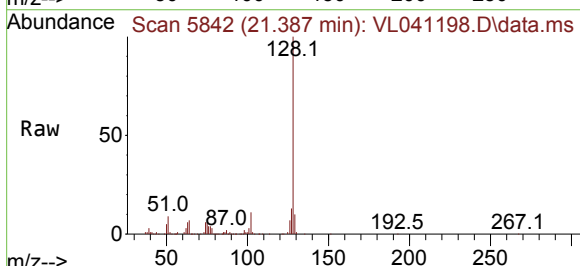
Tgt Ion:128 Resp: 533928

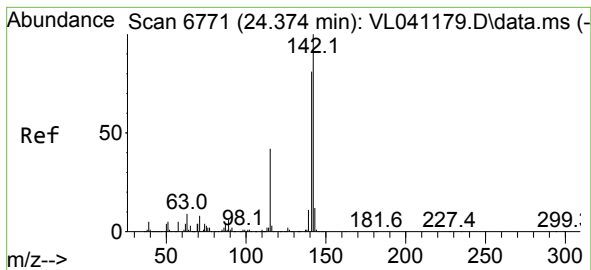
Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.1 8.9 13.3





#80

Naphthalene, 2-methyl-

Concen: 0.031 ppbv

RT: 24.394 min Scan# 61

Delta R.T. 0.023 min

Lab File: VL041198.D

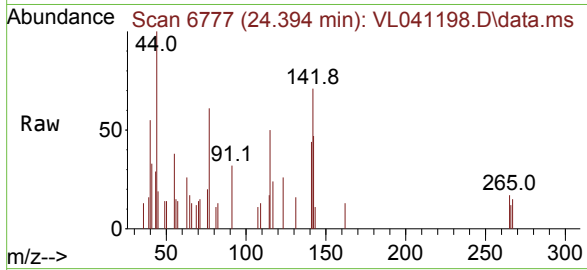
Acq: 2 May 2024 16:35

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425



Tgt Ion: 142 Resp: 2893

Ion Ratio Lower Upper

142 100

141 96.5 67.9 101.9

115 41.0 31.4 47.0

