

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041200.D
 Acq On : 2 May 2024 17:58
 Operator : SY/MD
 Sample : P2334-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS01-20240425

Quant Time: May 03 03:42:32 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	794369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2080965	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1914120	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1422456	9.844	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	60911	0.567	ppbv	95
3) Chlorodifluoromethane	2.652	51	227608	1.887	ppbv #	64
4) Chloromethane	2.816	50	391868	8.278	ppbv	93
5) Vinyl Chloride	2.925	62	1853	0.039	ppbv #	49
6) Bromomethane	3.121	94	1166	0.067	ppbv #	69
7) Chloroethane	3.195	64	3187	0.190	ppbv #	79
9) Propene	2.693	41	21584	0.457	ppbv	99
10) Heptane	7.581	43	4954	0.043	ppbv #	27
11) Trichlorofluoromethane	3.565	101	31238	0.286	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.070	101	4651	0.058	ppbv #	39
13) Ethanol	3.240	45	131365	12.412	ppbv	98
15) Acetone	3.472	43	1147315	12.238	ppbv	98
16) 1,3-Butadiene	2.973	39	52043	1.100	ppbv #	20
17) tert-Butyl alcohol	3.886	59	73954	0.731	ppbv	98
19) Isopropyl Alcohol	3.581	45	87491	1.422	ppbv #	41
20) Methylene Chloride	3.938	84	286832	8.798	ppbv	94
23) Vinyl Acetate	4.619	43	241434	2.339	ppbv #	87
25) Ethyl Acetate	5.214	43	321811	1.720	ppbv #	87
26) Hexane	5.214	57	349861	4.190	ppbv #	48
27) Carbon Disulfide	4.128	76	10149	0.103	ppbv #	15
29) Chloroform	5.272	83	87885	0.763	ppbv	95
30) Cyclohexane	6.603	84	2273	0.034	ppbv #	1
32) 1,1,1-Trichloroethane	6.002	97	20112	0.175	ppbv #	5
34) 2-Butanone	4.790	43	249875	2.359	ppbv	99
35) Carbon Tetrachloride	6.491	117	15522	0.133	ppbv	95
36) Benzene	6.372	78	22684	0.130	ppbv	93
37) 1,2-Dichloroethane	5.809	62	3669	0.040	ppbv #	46
38) Trichloroethene	7.295	130	1401462	21.535	ppbv	98
39) 1,2-Dichloropropane	6.658	63	528585	7.854	ppbv #	24
40) 1,4-Dioxane	7.307	88	2251	0.094	ppbv #	1
41) Tetrahydrofuran	5.571	42	10969	0.143	ppbv #	52
50) 4-Methyl-2-Pentanone	8.192	43	33820	0.178	ppbv	95
52) Tetrachloroethene	10.616	164	39277	0.640	ppbv	89
53) Toluene	9.224	91	184925	0.913	ppbv	99
58) Ethyl Benzene	12.085	91	14523	0.055	ppbv	98
59) m/p-Xylene	12.375	91	9994	0.045	ppbv #	31
60) o-Xylene	13.060	91	20573	0.099	ppbv	78
61) Styrene	12.899	104	8638	0.079	ppbv #	1
66) Benzyl Chloride	16.330	91	1276	0.041	ppbv #	65
69) p-Isopropyltoluene	16.992	119	26641	0.083	ppbv #	25
74) 1,2,4-Trimethylbenzene	16.105	105	24750	0.107	ppbv #	69

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Instrument :
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ClientSampleId :
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Quant Time: May 03 03:42:32 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

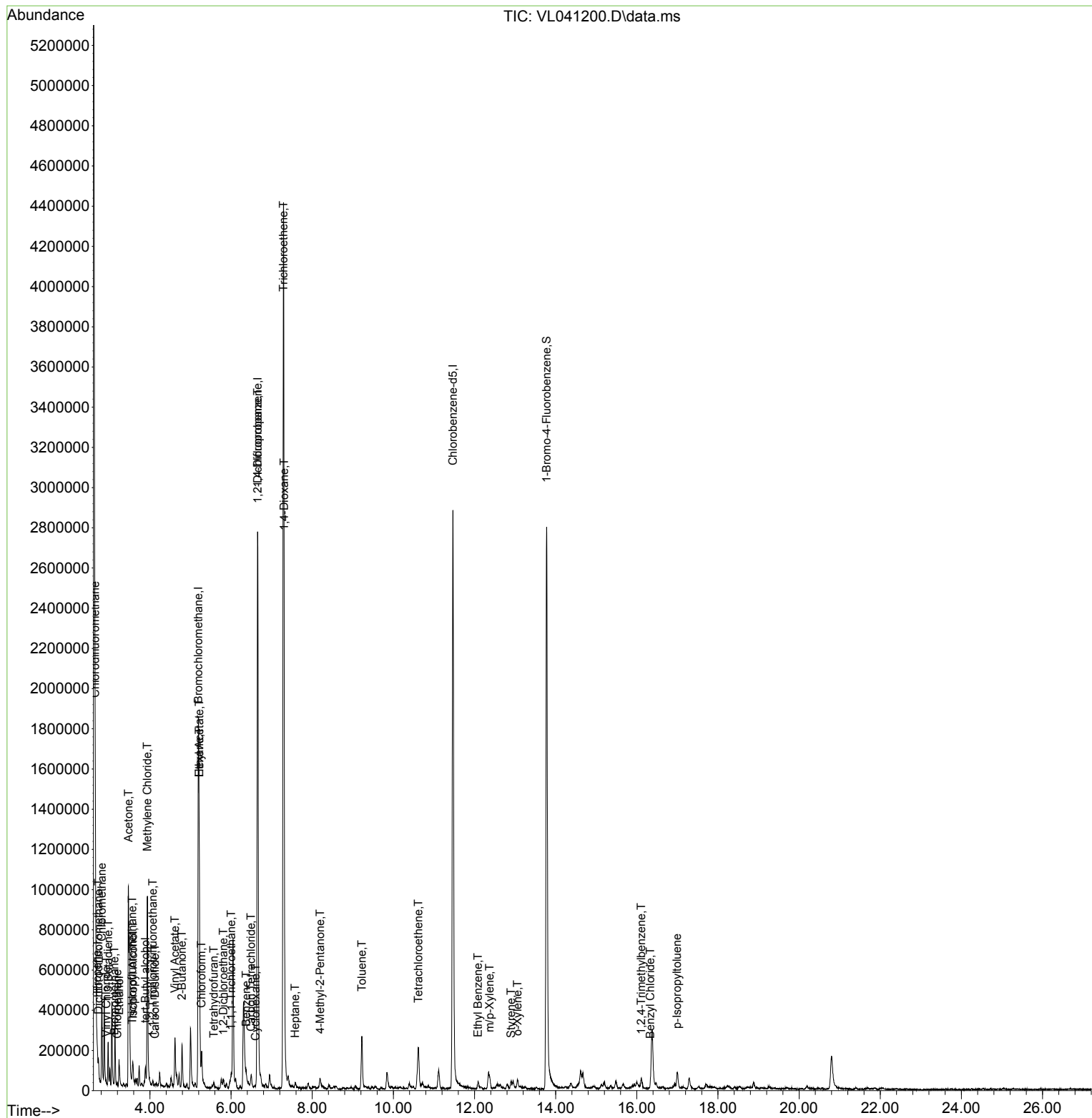
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

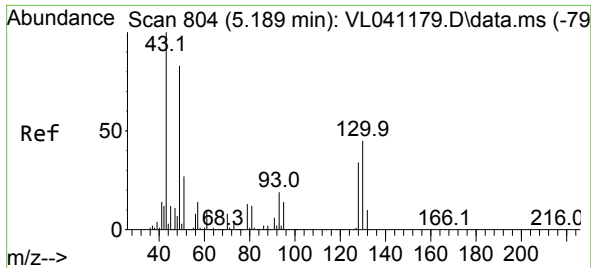
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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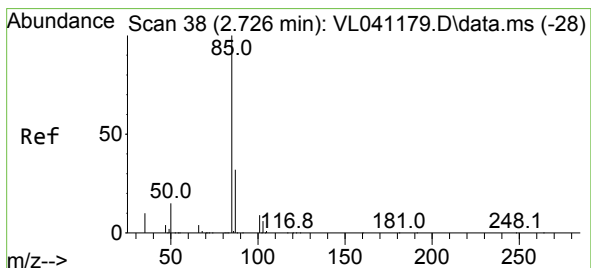
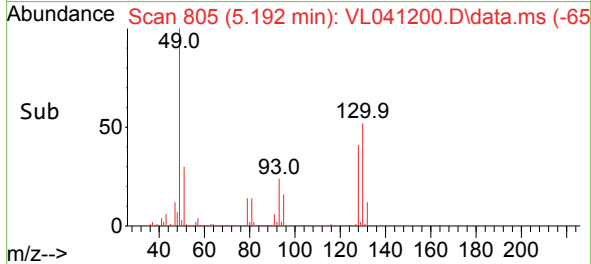
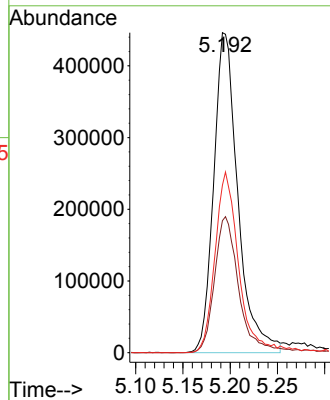
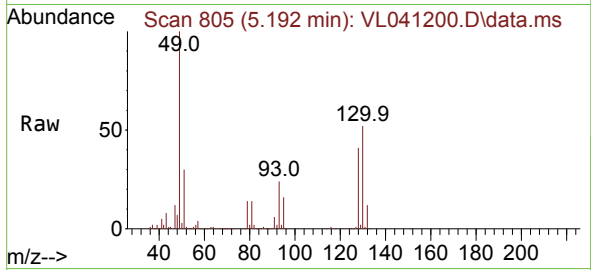




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

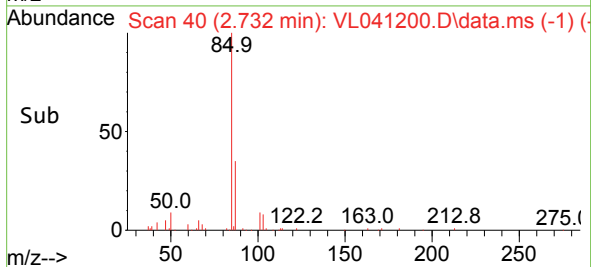
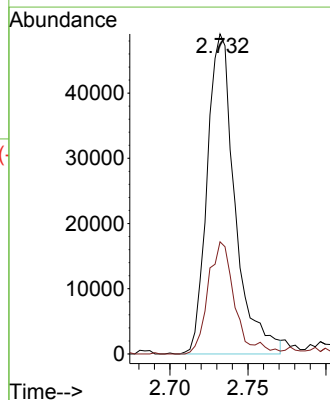
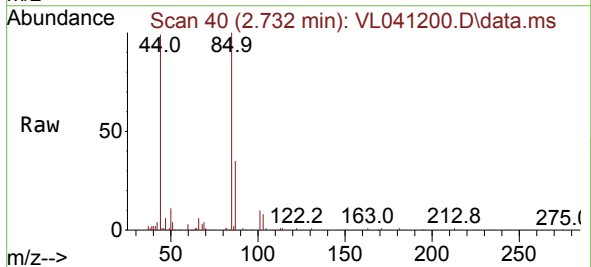
Instrument :
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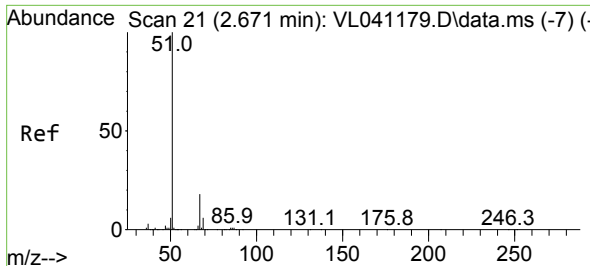
Tgt Ion: 49 Resp: 794369
Ion Ratio Lower Upper
49 100
128 44.1 21.5 64.5
130 57.3 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 85 Resp: 60911
Ion Ratio Lower Upper
85 100
87 35.1 25.7 38.5

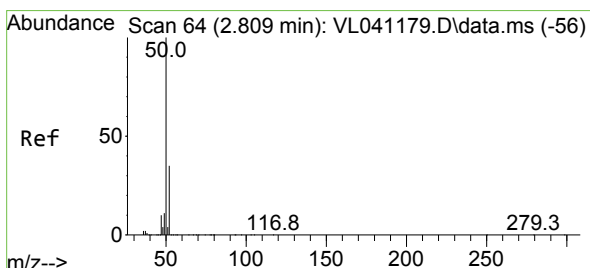
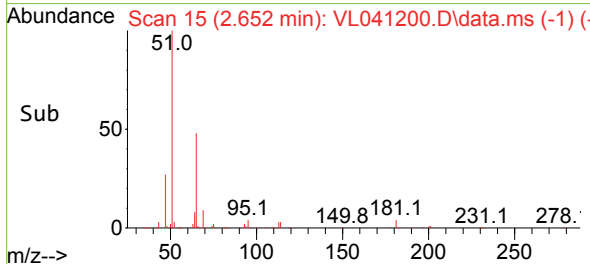
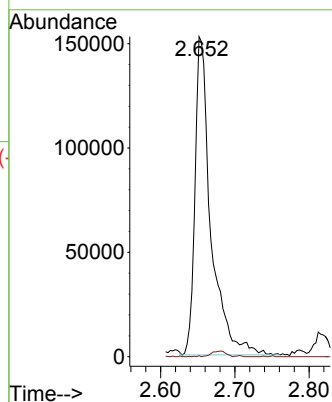
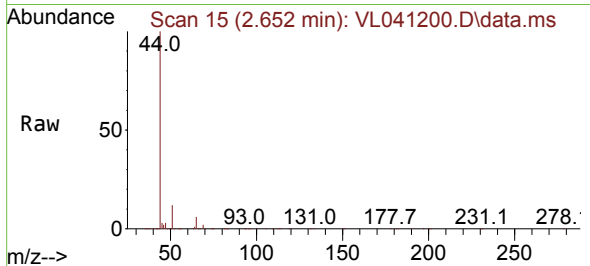




#3
Chlorodifluoromethane
Concen: 1.887 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

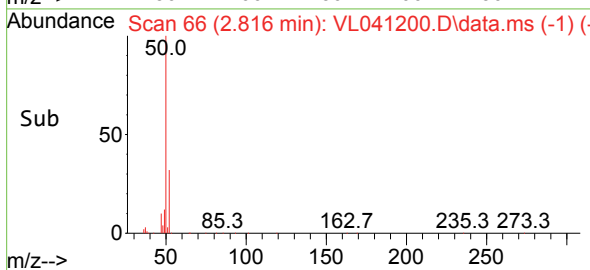
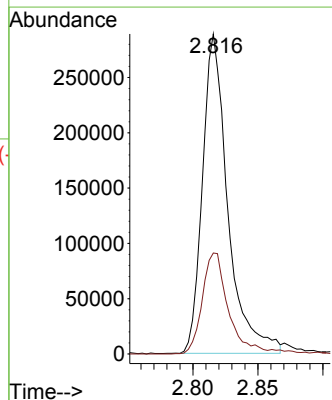
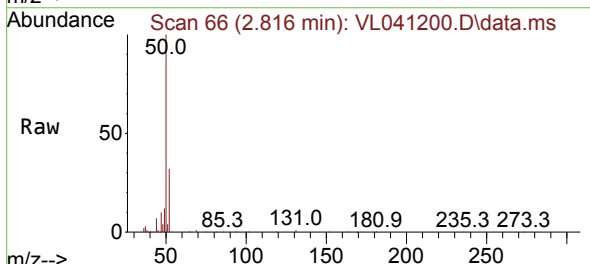
Instrument :
MSVOA_L
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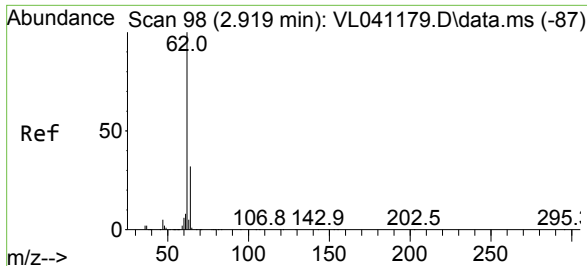
Tgt Ion: 51 Resp: 227608
Ion Ratio Lower Upper
51 100
67 1.8 14.0 21.0#



#4
Chloromethane
Concen: 8.278 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 50 Resp: 391868
Ion Ratio Lower Upper
50 100
52 31.5 28.3 42.5

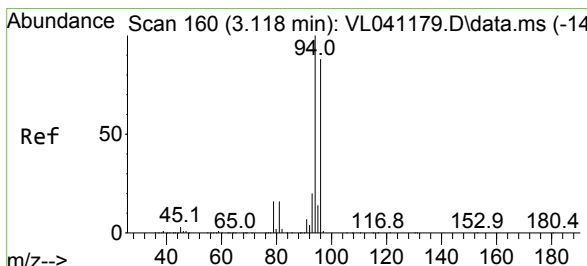
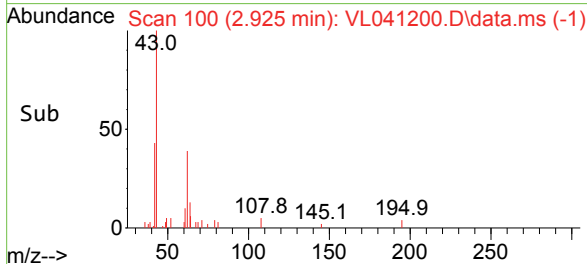
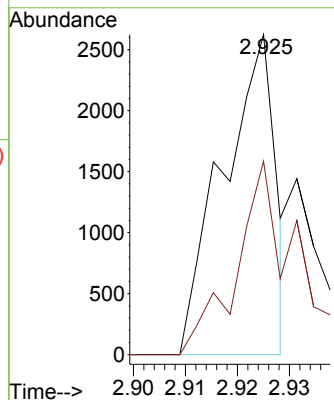
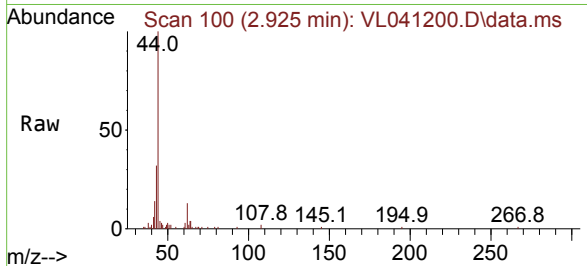




#5
 Vinyl Chloride
 Concen: 0.039 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.007 min
 Lab File: VL041200.D
 Acq: 2 May 2024 17:58

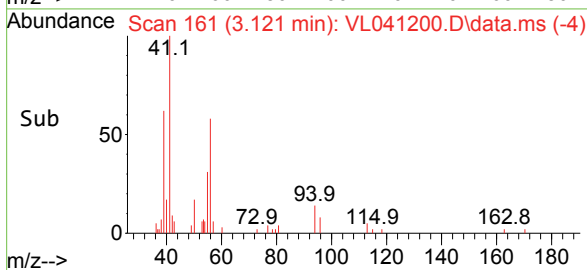
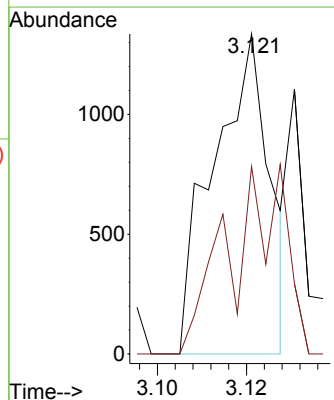
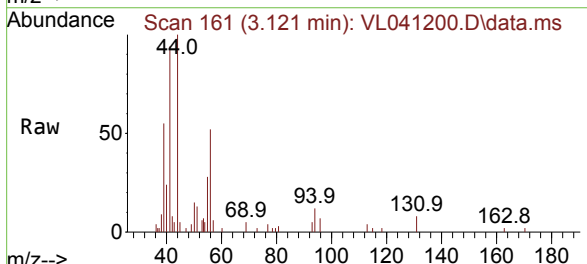
Instrument :
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 ClientSampleId :
 BA-20-SS01-20240425

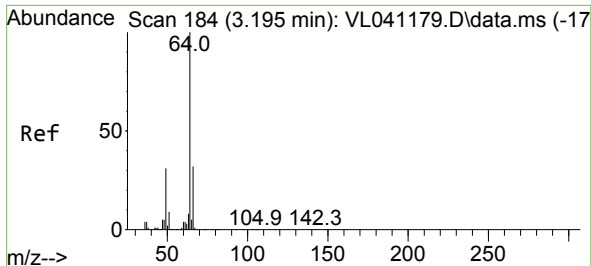
Tgt Ion: 62 Resp: 1853
 Ion Ratio Lower Upper
 62 100
 64 60.4 25.7 38.5#



#6
 Bromomethane
 Concen: 0.067 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041200.D
 Acq: 2 May 2024 17:58

Tgt Ion: 94 Resp: 1166
 Ion Ratio Lower Upper
 94 100
 96 58.6 70.1 105.1#

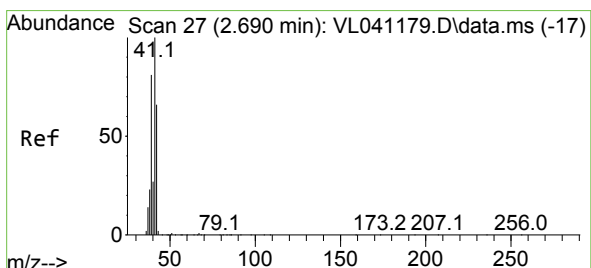
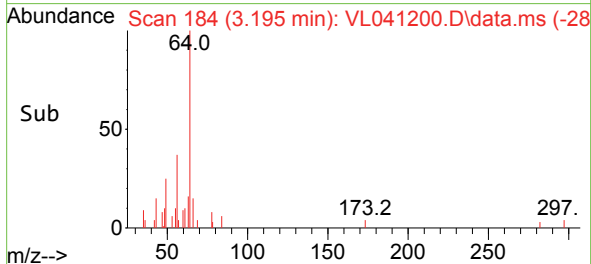
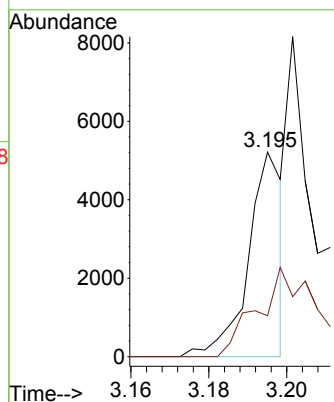
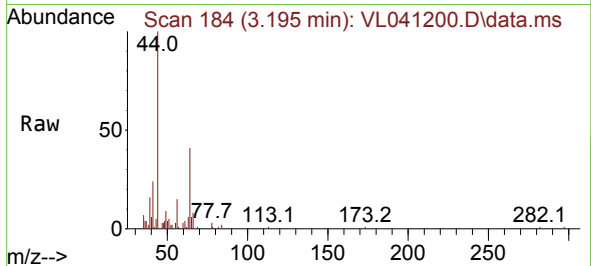




#7
Chloroethane
Concen: 0.190 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

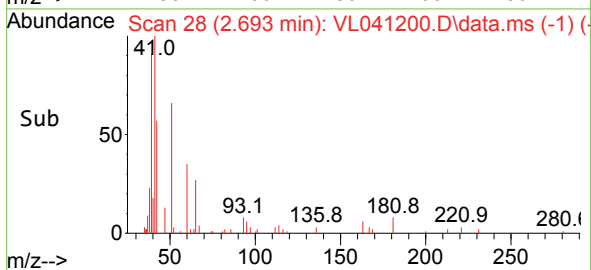
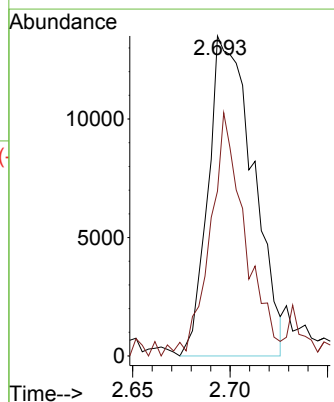
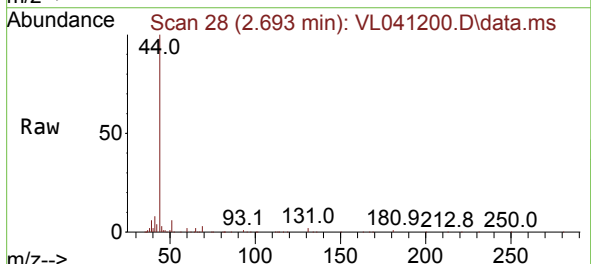
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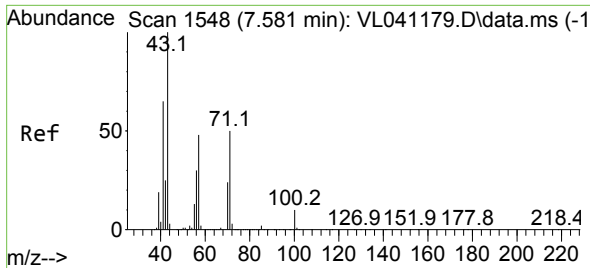
Tgt Ion: 64 Resp: 3187
Ion Ratio Lower Upper
64 100
66 20.0 25.4 38.2#



#9
Propene
Concen: 0.457 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 41 Resp: 21584
Ion Ratio Lower Upper
41 100
42 68.0 55.3 82.9

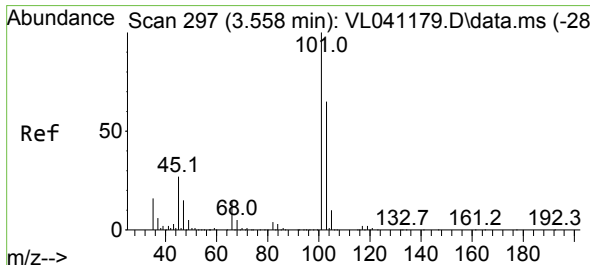
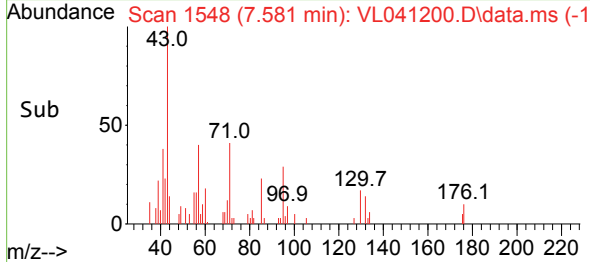
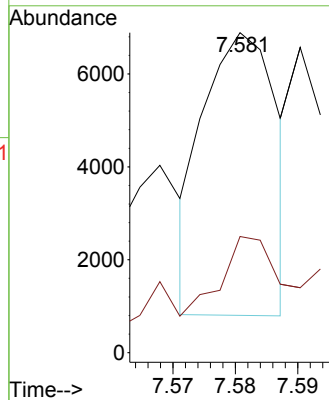
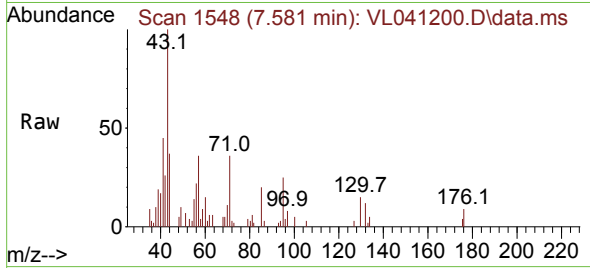




#10
 Heptane
 Concen: 0.043 ppbv
 RT: 7.581 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL041200.D
 Acq: 2 May 2024 17:58

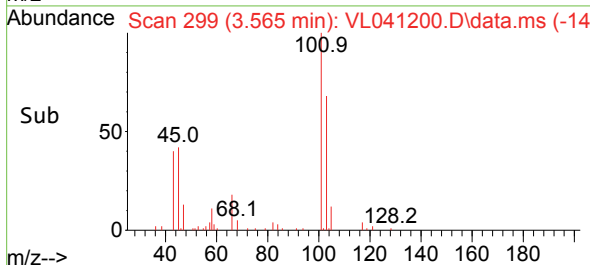
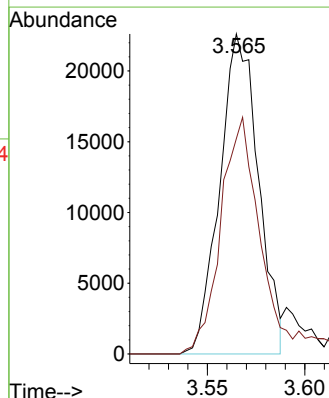
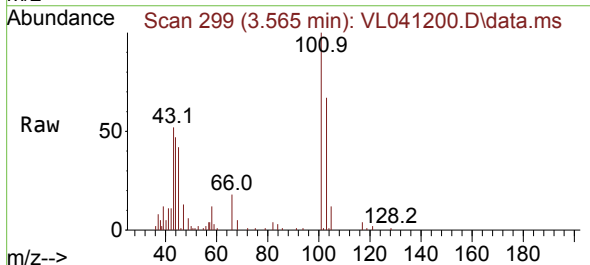
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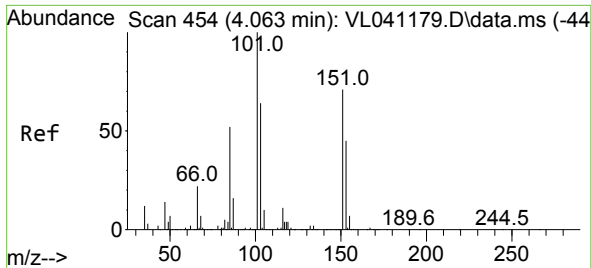
Tgt Ion: 43 Resp: 4954
 Ion Ratio Lower Upper
 43 100
 57 97.9 38.7 58.1#



#11
 Trichlorofluoromethane
 Concen: 0.286 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. 0.007 min
 Lab File: VL041200.D
 Acq: 2 May 2024 17:58

Tgt Ion: 101 Resp: 31238
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.6 77.4

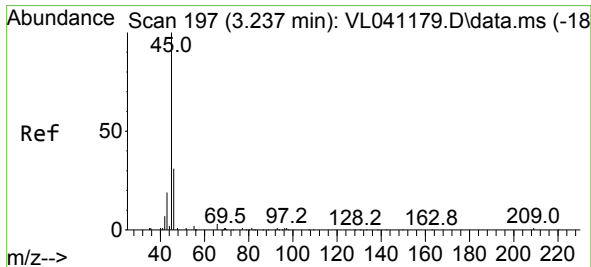
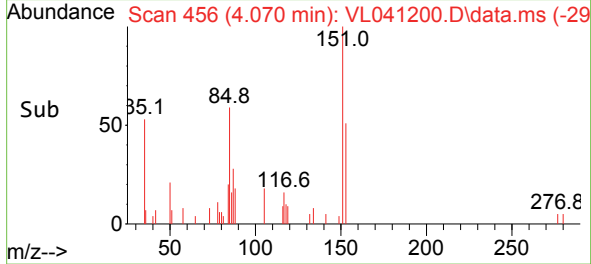
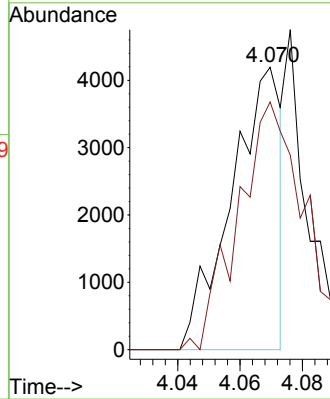
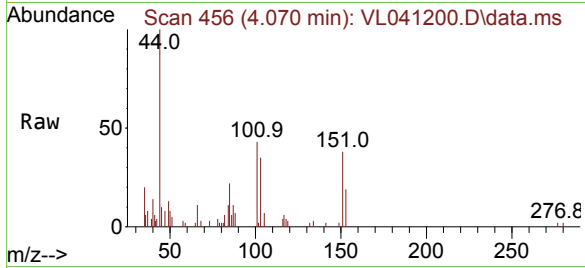




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.058 ppbv
RT: 4.070 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

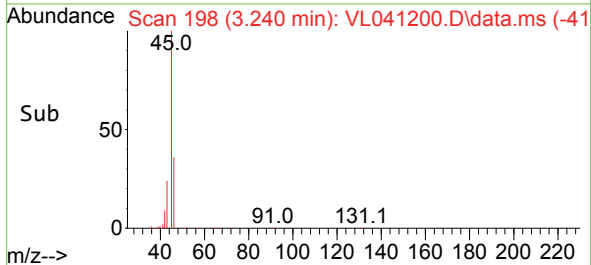
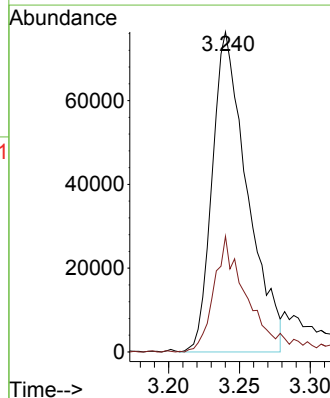
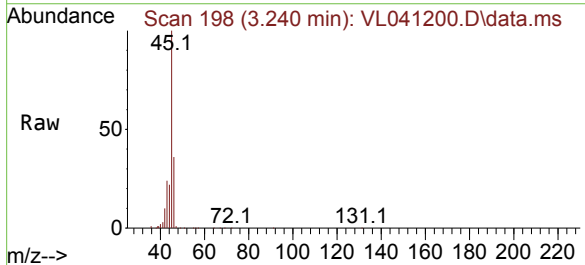
Instrument :
MSVOA_L
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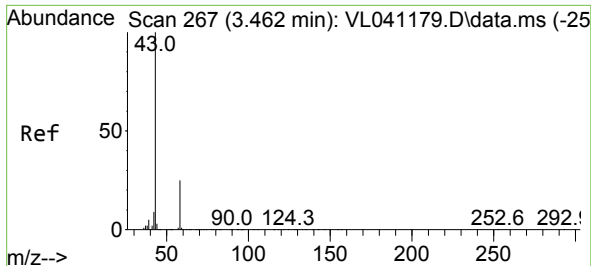
Tgt Ion:101 Resp: 4651
Ion Ratio Lower Upper
101 100
151 121.1 56.8 85.2#



#13
Ethanol
Concen: 12.412 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 45 Resp: 131365
Ion Ratio Lower Upper
45 100
46 35.6 14.8 59.0

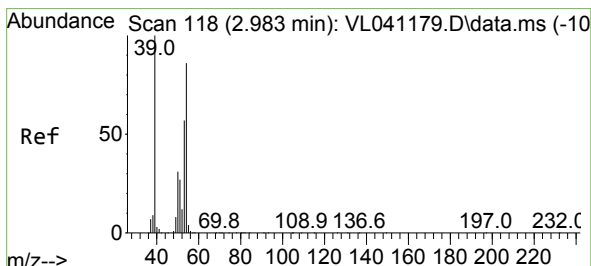
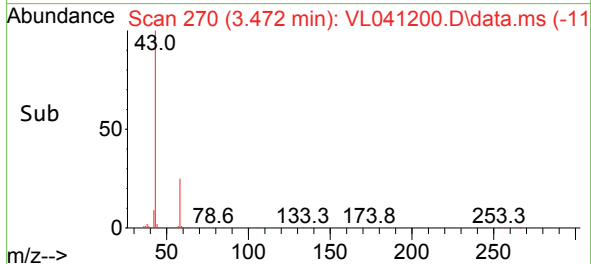
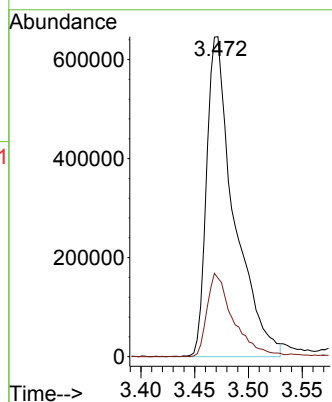
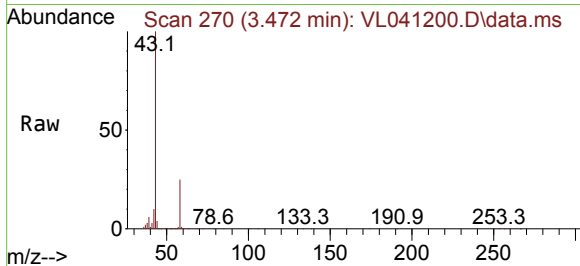




#15
Acetone
Concen: 12.238 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

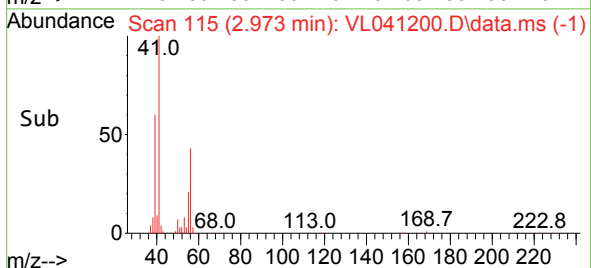
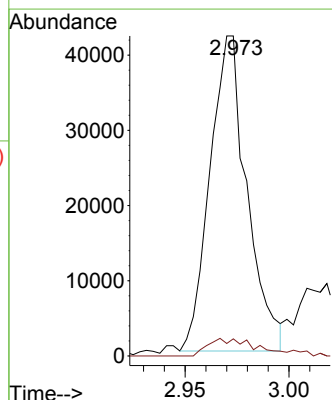
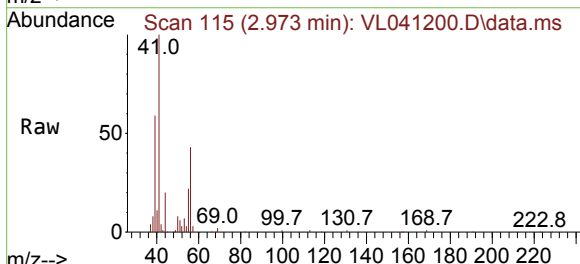
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

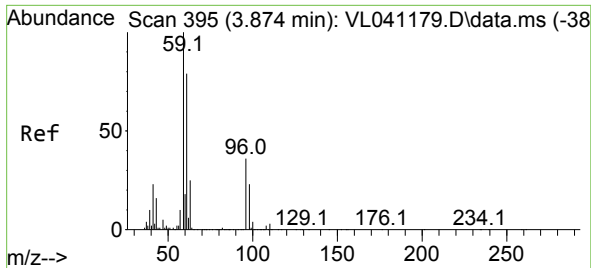
Tgt Ion: 43 Resp: 1147315
Ion Ratio Lower Upper
43 100
58 25.8 21.4 32.0



#16
1,3-Butadiene
Concen: 1.100 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.010 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 39 Resp: 52043
Ion Ratio Lower Upper
39 100
54 7.9 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.731 ppbv

RT: 3.886 min Scan# 304

Delta R.T. 0.013 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

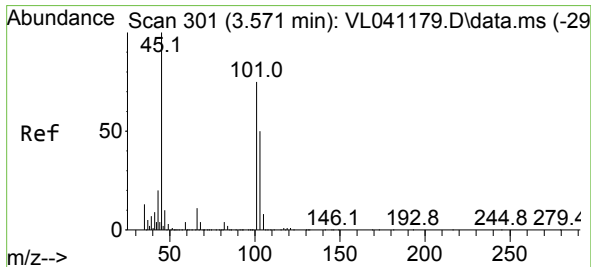
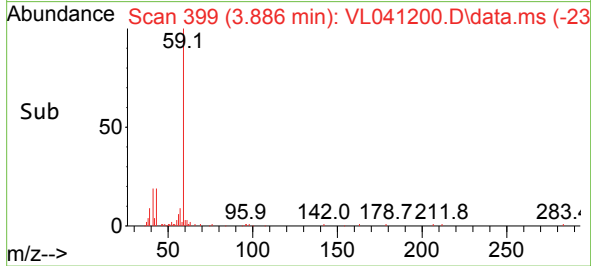
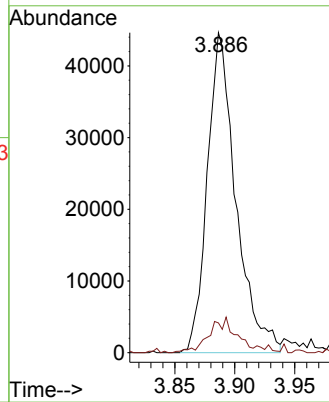
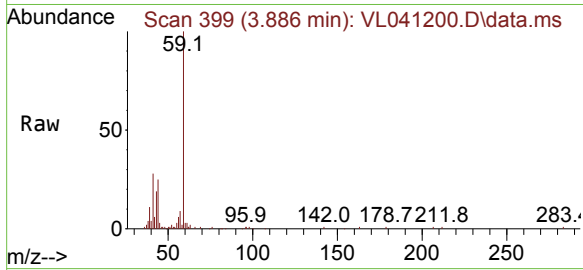
BA-20-SS01-20240425

Tgt Ion: 59 Resp: 73954

Ion Ratio Lower Upper

59 100

57 11.2 8.4 12.6



#19

Isopropyl Alcohol

Concen: 1.422 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.010 min

Lab File: VL041200.D

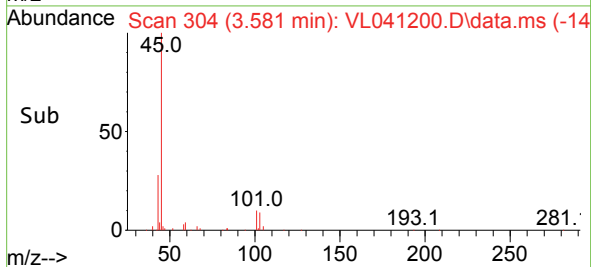
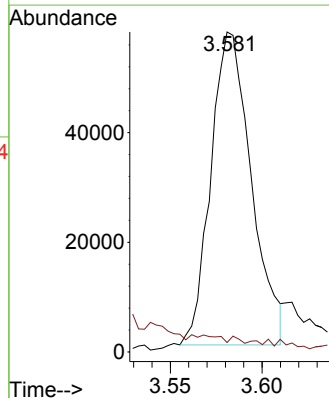
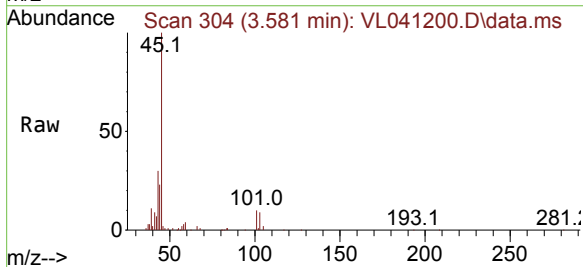
Acq: 2 May 2024 17:58

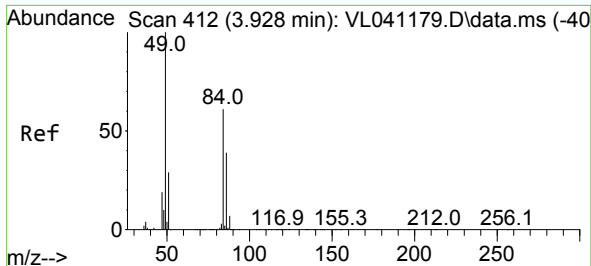
Tgt Ion: 45 Resp: 87491

Ion Ratio Lower Upper

45 100

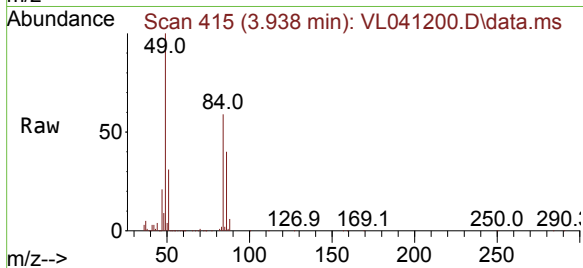
58 0.0 26.8 40.2#



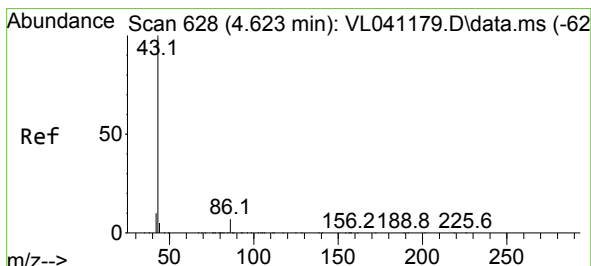
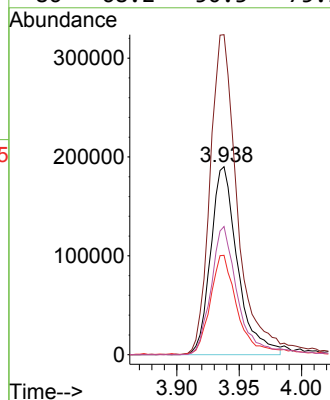
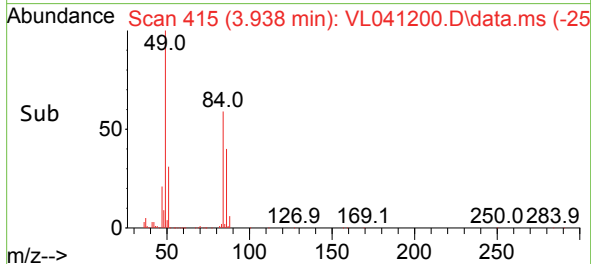


#20
Methylene Chloride
Concen: 8.798 ppbv
RT: 3.938 min Scan# 412
Delta R.T. 0.007 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

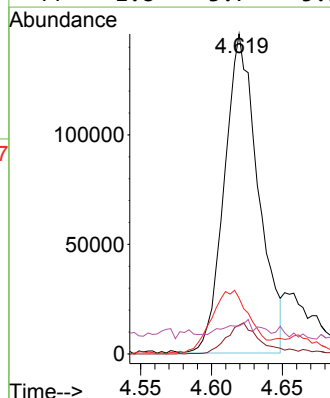
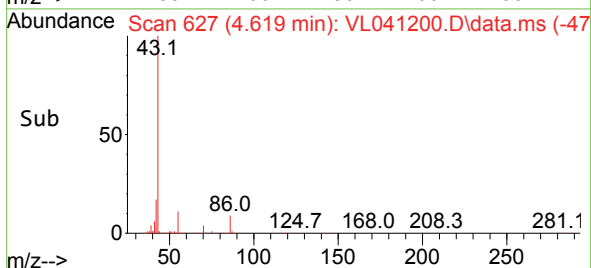
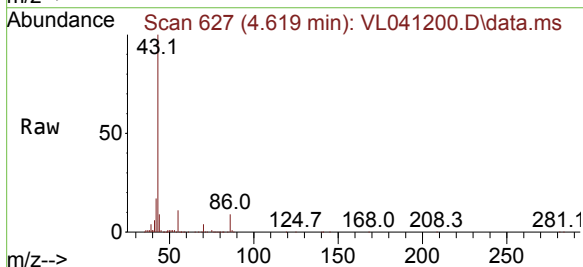


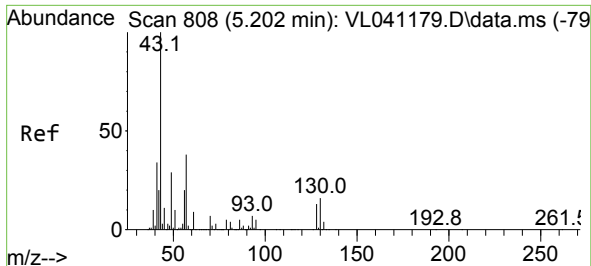
Tgt Ion:	84	Resp:	286832
Ion	Ratio	Lower	Upper
84	100		
49	170.0	130.4	195.6
51	52.7	38.0	57.0
86	68.2	50.3	75.5



#23
Vinyl Acetate
Concen: 2.339 ppbv
RT: 4.619 min Scan# 627
Delta R.T. -0.006 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion:	43	Resp:	241434
Ion	Ratio	Lower	Upper
43	100		
86	8.9	4.9	7.3#
42	16.6	8.0	12.0#
44	1.8	3.7	5.5#





#25

Ethyl Acetate

Concen: 1.720 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.013 min

Lab File: VL041200.D

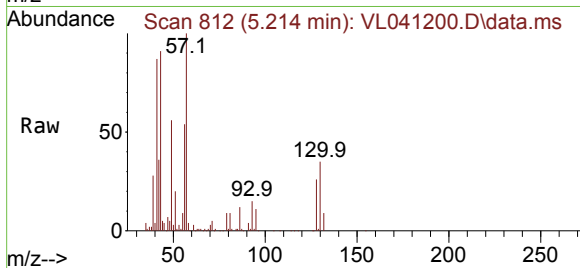
Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425



Tgt Ion: 43 Resp: 321811

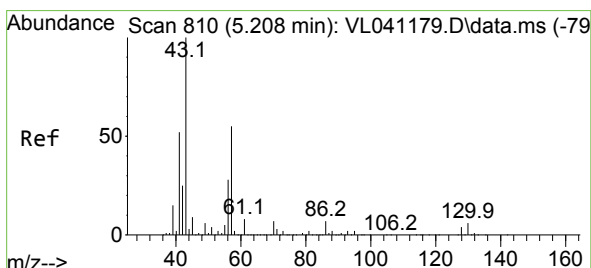
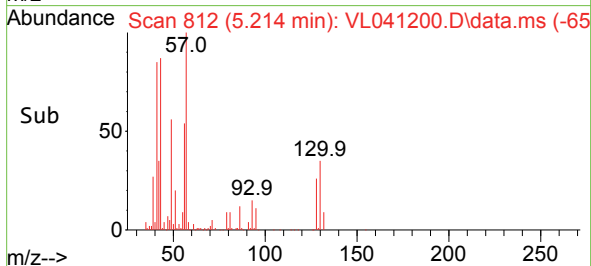
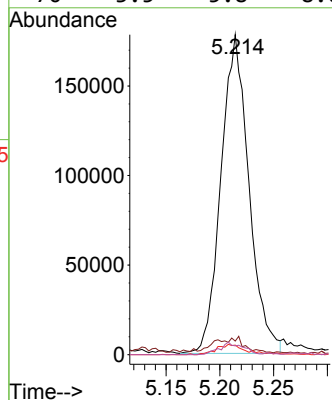
Ion Ratio Lower Upper

43 100

45 6.2 8.2 12.2#

61 3.5 7.7 11.5#

70 3.5 5.8 8.6#



#26

Hexane

Concen: 4.190 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Tgt Ion: 57 Resp: 349861

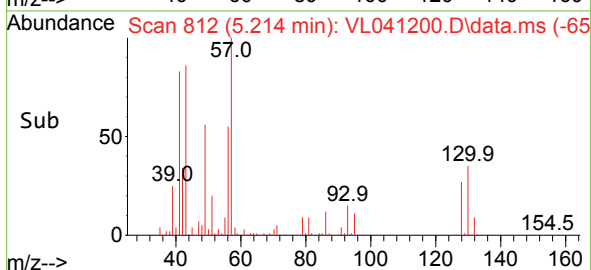
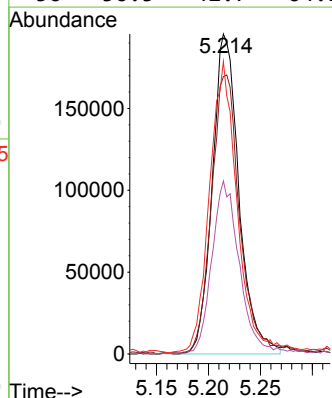
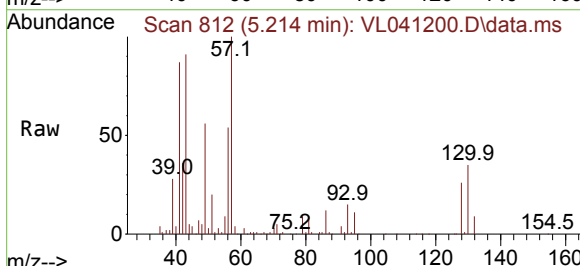
Ion Ratio Lower Upper

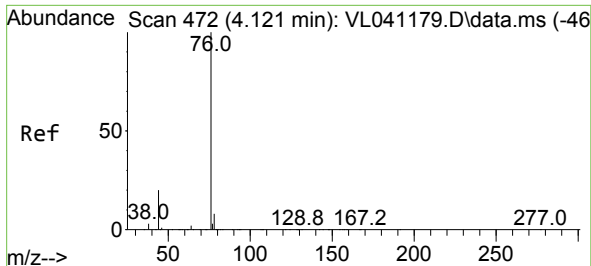
57 100

41 92.8 75.8 113.8

43 94.8 187.0 280.4#

56 56.5 42.7 64.1





#27

Carbon Disulfide

Concen: 0.103 ppbv

RT: 4.128 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

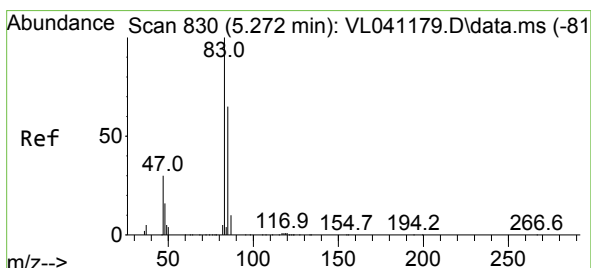
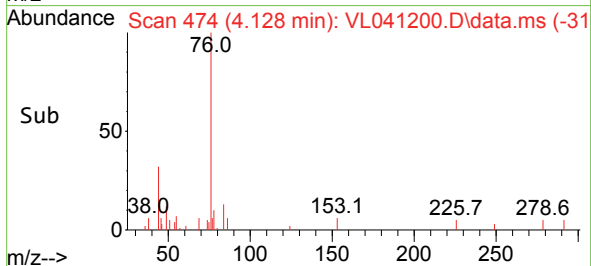
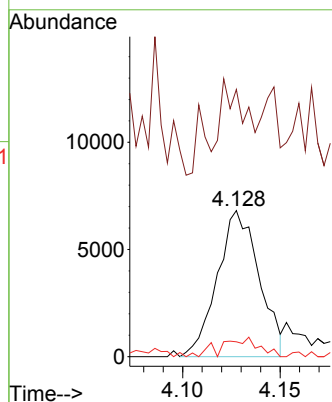
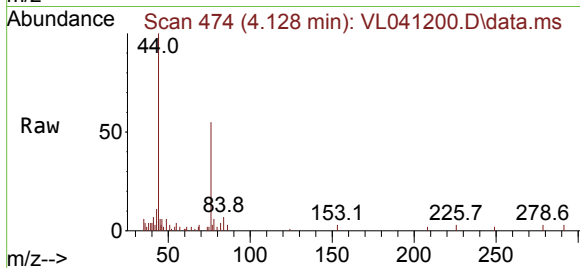
Tgt Ion: 76 Resp: 10149

Ion Ratio Lower Upper

76 100

44 73.7 16.3 24.5#

78 15.1 7.3 10.9#



#29

Chloroform

Concen: 0.763 ppbv

RT: 5.272 min Scan# 830

Delta R.T. 0.000 min

Lab File: VL041200.D

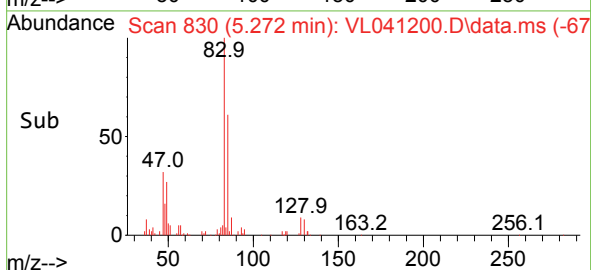
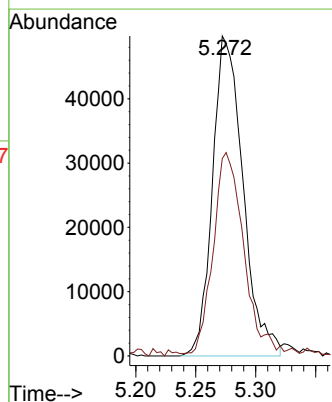
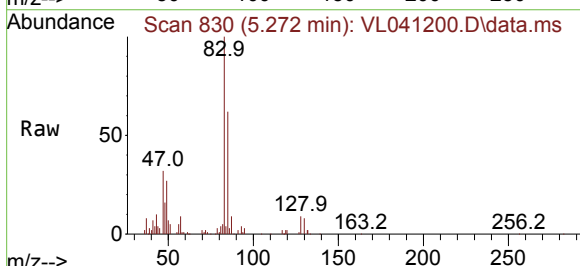
Acq: 2 May 2024 17:58

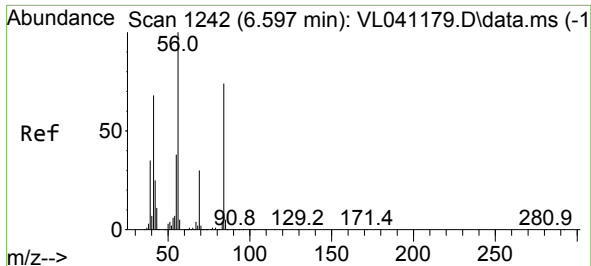
Tgt Ion: 83 Resp: 87885

Ion Ratio Lower Upper

83 100

85 61.0 51.7 77.5

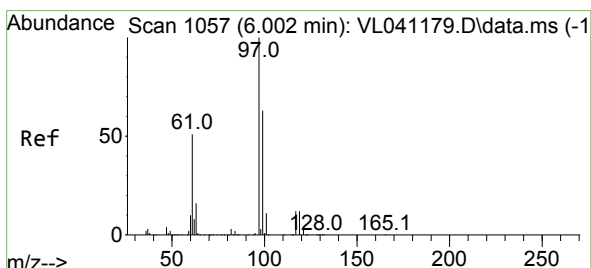
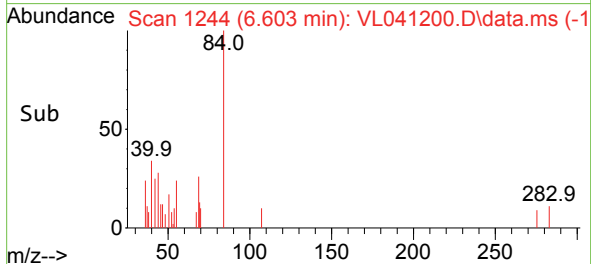
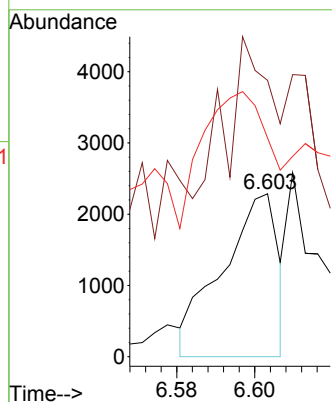
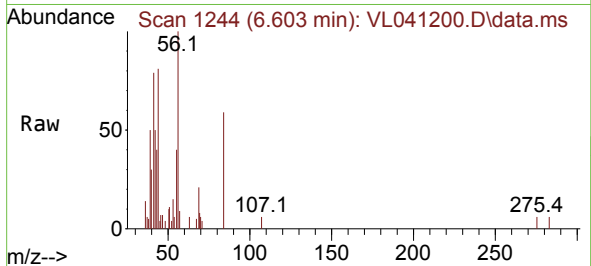




#30
Cyclohexane
Concen: 0.034 ppbv
RT: 6.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

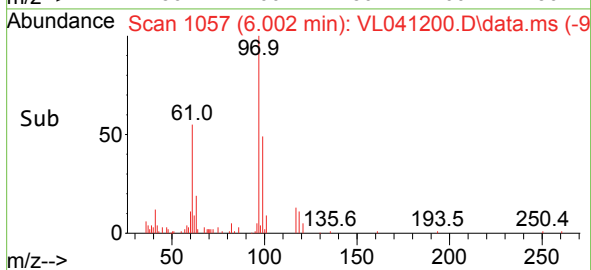
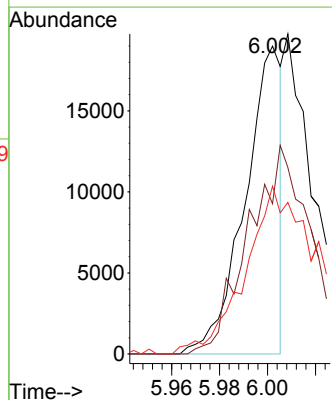
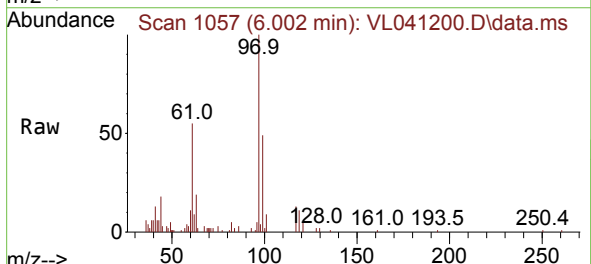
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

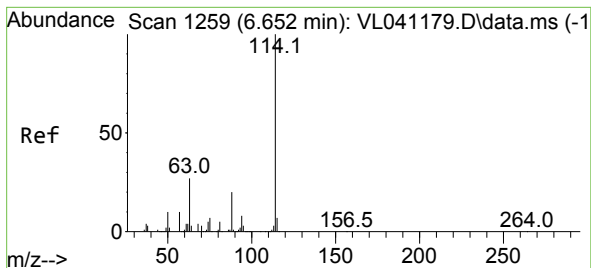
Tgt Ion: 84 Resp: 2273
Ion Ratio Lower Upper
84 100
56 0.0 116.8 175.2#
41 0.0 73.8 110.8#



#32
1,1,1-Trichloroethane
Concen: 0.175 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 97 Resp: 20112
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 129.2 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

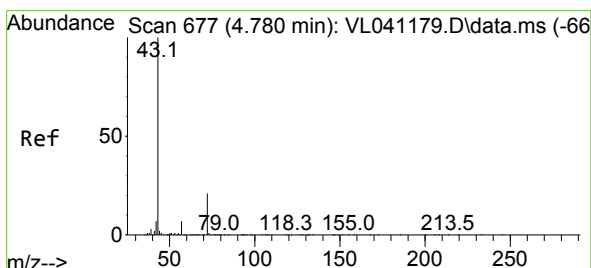
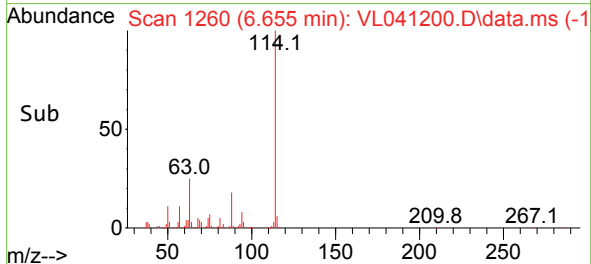
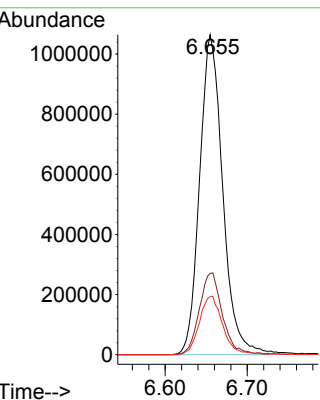
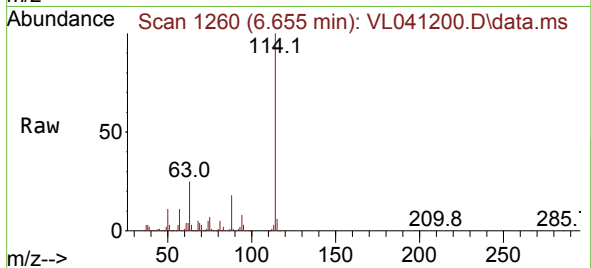
Tgt Ion:114 Resp: 2080965

Ion Ratio Lower Upper

114 100

63 25.8 21.8 32.6

88 18.7 15.2 22.8



#34

2-Butanone

Concen: 2.359 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041200.D

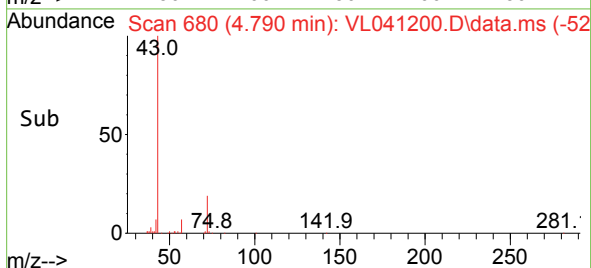
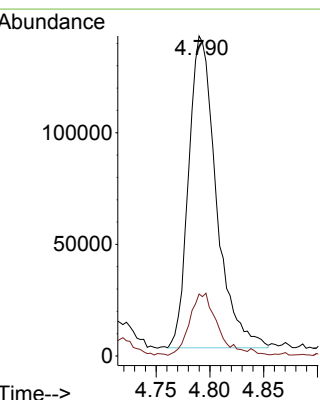
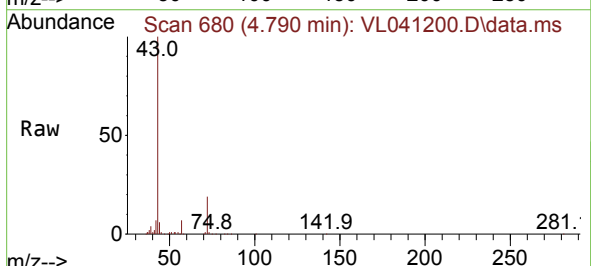
Acq: 2 May 2024 17:58

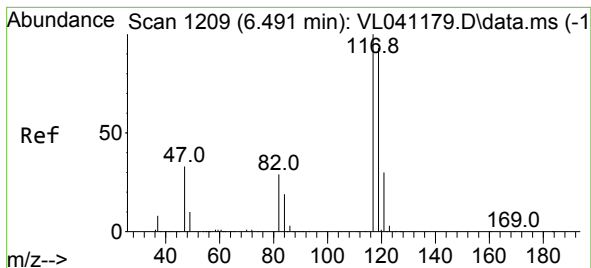
Tgt Ion: 43 Resp: 249875

Ion Ratio Lower Upper

43 100

72 22.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.133 ppbv

RT: 6.491 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

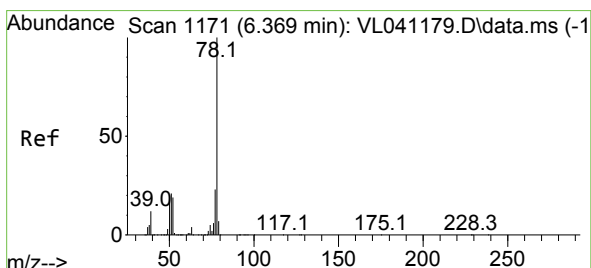
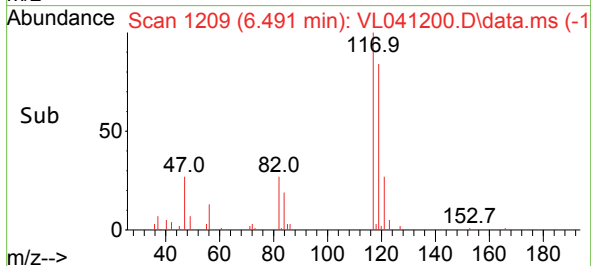
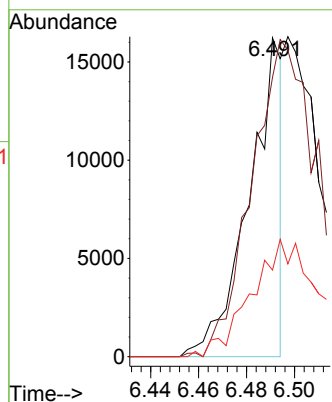
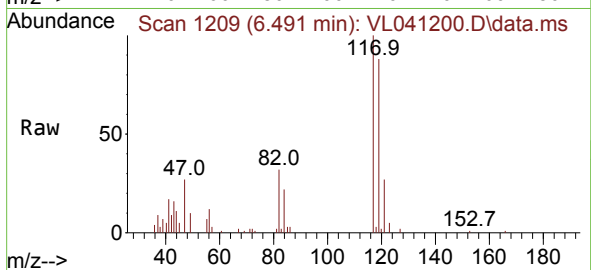
Tgt Ion:117 Resp: 15522

Ion Ratio Lower Upper

117 100

119 87.6 74.3 111.5

121 27.2 23.8 35.8



#36

Benzene

Concen: 0.130 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

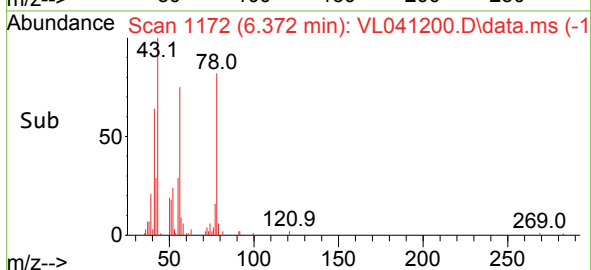
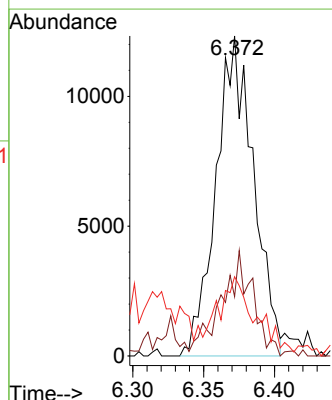
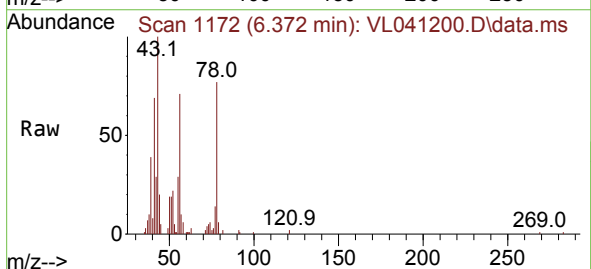
Tgt Ion: 78 Resp: 22684

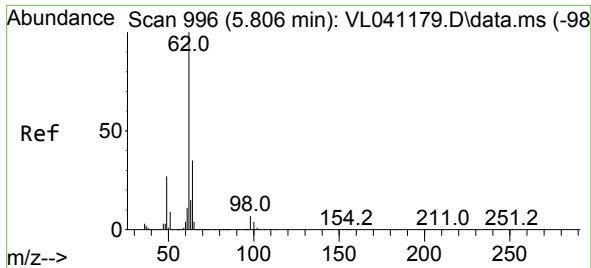
Ion Ratio Lower Upper

78 100

77 18.6 18.3 27.5

50 22.3 15.9 23.9

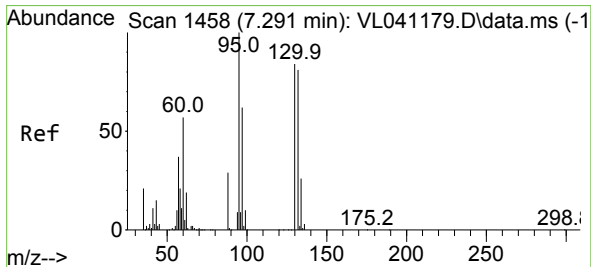
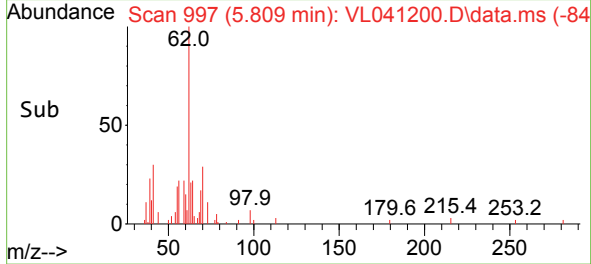
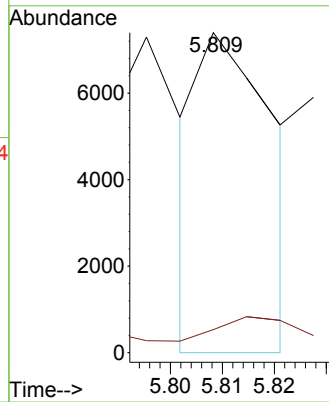
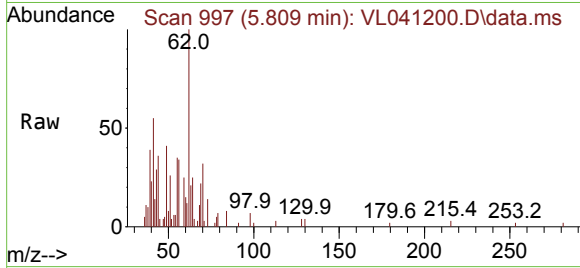




#37
1,2-Dichloroethane
Concen: 0.040 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

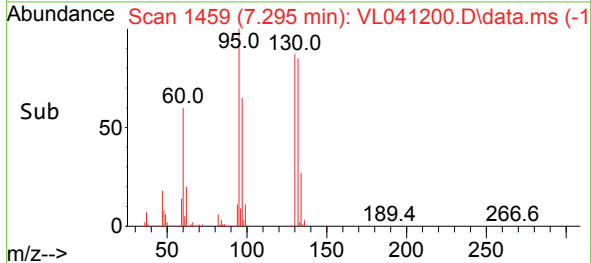
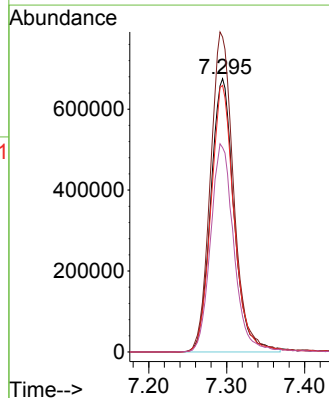
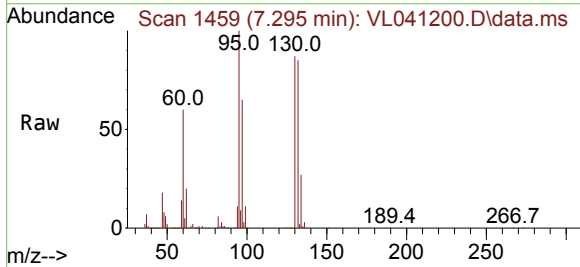
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

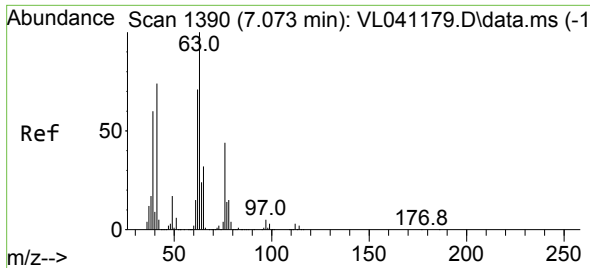
Tgt Ion: 62 Resp: 3669
Ion Ratio Lower Upper
62 100
98 24.4 5.0 7.4#



#38
Trichloroethene
Concen: 21.535 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.007 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion:130 Resp: 1401462
Ion Ratio Lower Upper
130 100
95 115.2 95.0 142.6
132 97.5 77.0 115.4
97 74.7 59.1 88.7





#39

1,2-Dichloropropane

Concen: 7.854 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

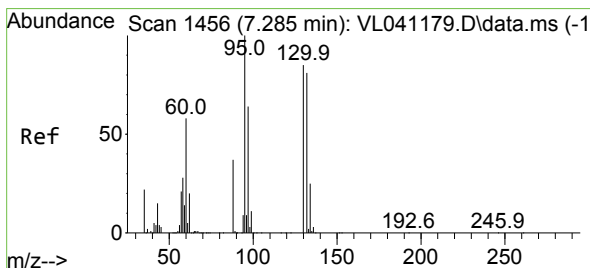
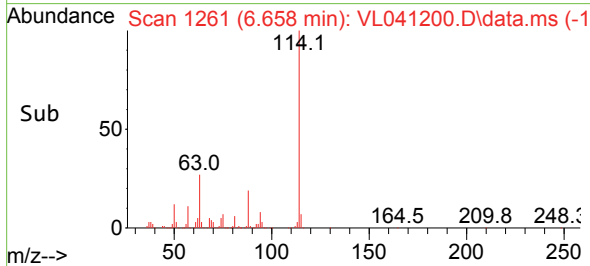
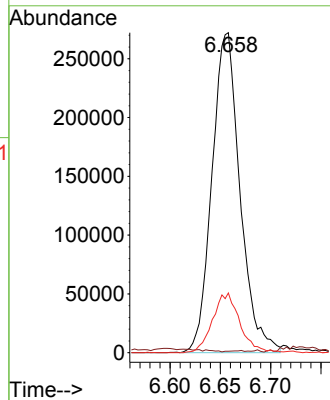
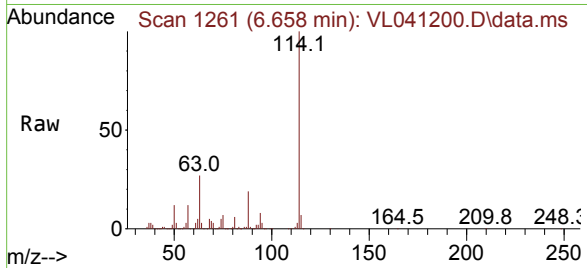
Tgt Ion: 63 Resp: 528585

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.6 56.8 85.2#



#40

1,4-Dioxane

Concen: 0.094 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.026 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Tgt Ion: 88 Resp: 2251

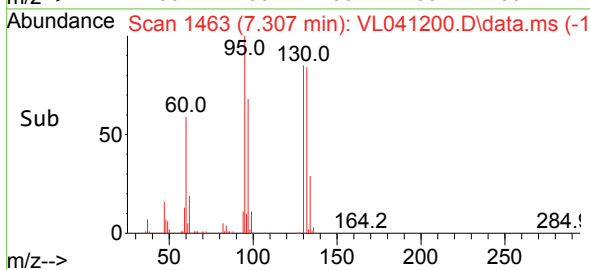
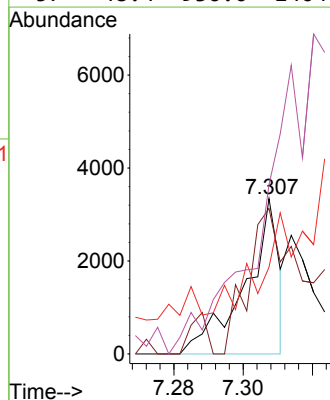
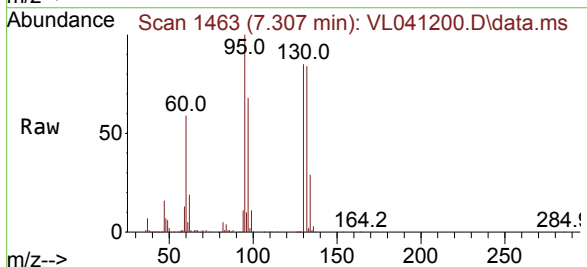
Ion Ratio Lower Upper

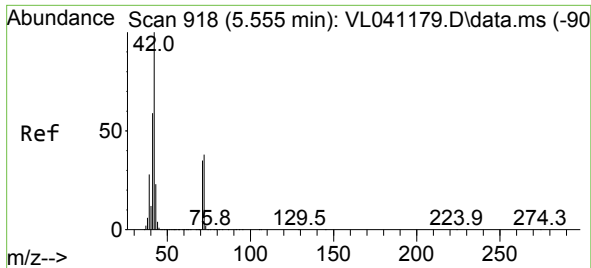
88 100

58 247.3 106.1 159.1#

43 0.0 219.8 329.6#

57 48.4 936.0 1404.0#

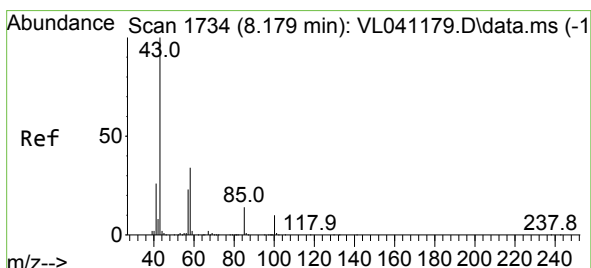
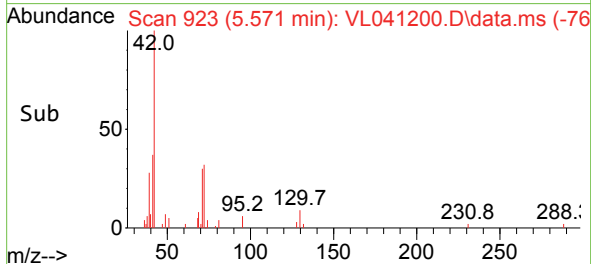
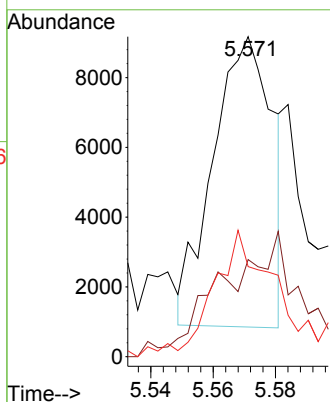
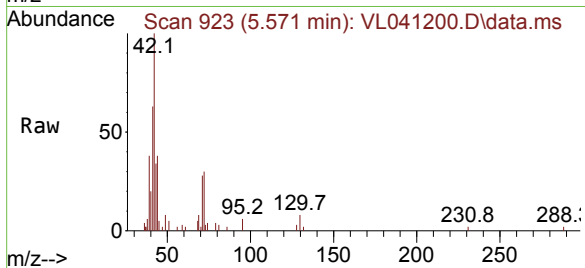




#41
Tetrahydrofuran
Concen: 0.143 ppbv
RT: 5.571 min Scan# 918
Delta R.T. 0.019 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

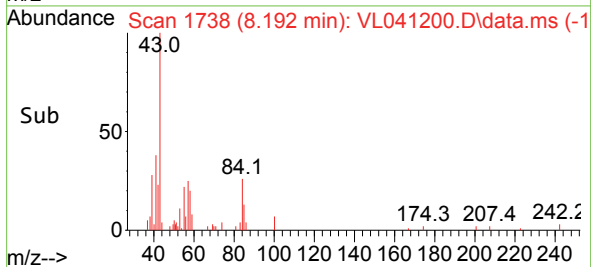
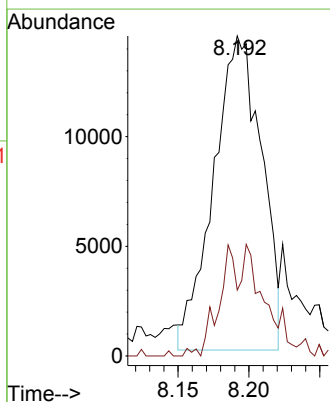
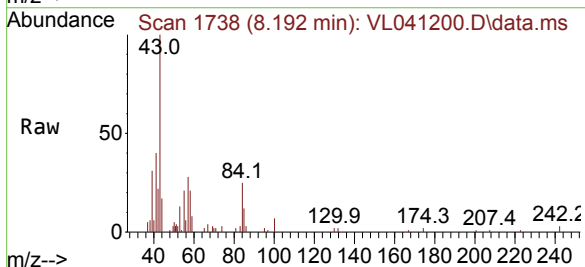
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

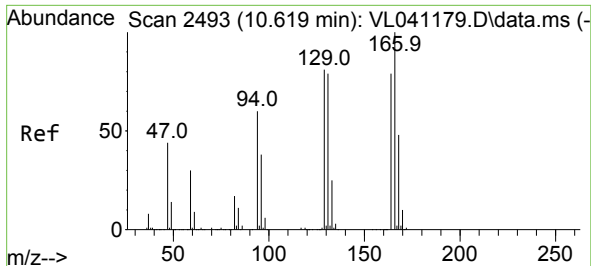
Tgt Ion: 42 Resp: 10969
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 56.1 29.1 43.7#



#50
4-Methyl-2-Pentanone
Concen: 0.178 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.013 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

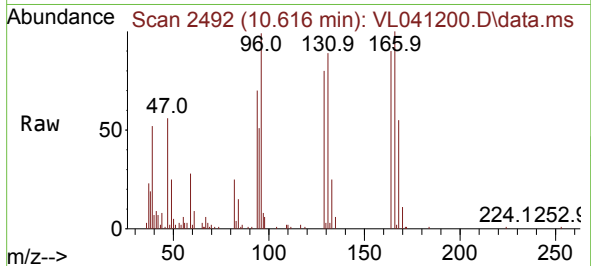
Tgt Ion: 43 Resp: 33820
Ion Ratio Lower Upper
43 100
58 31.8 27.7 41.5



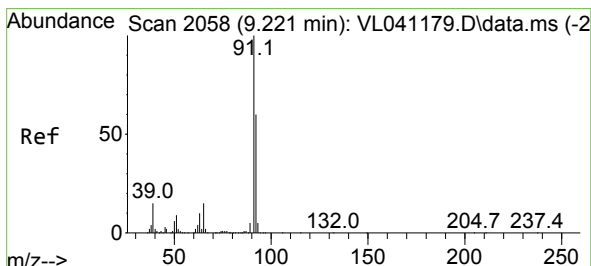
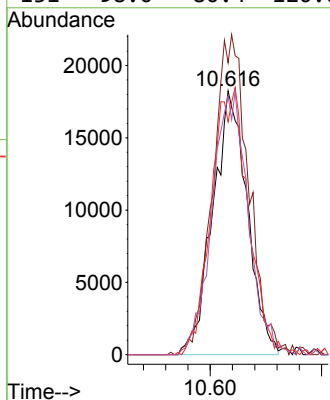
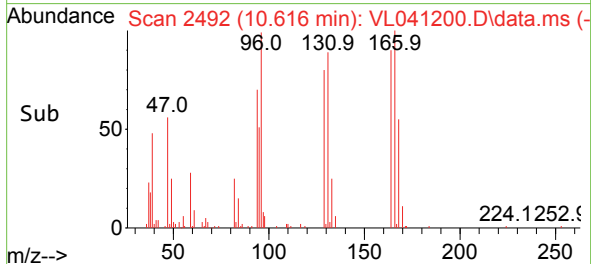


#52
Tetrachloroethene
Concen: 0.640 ppbv
RT: 10.616 min Scan# 2493
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

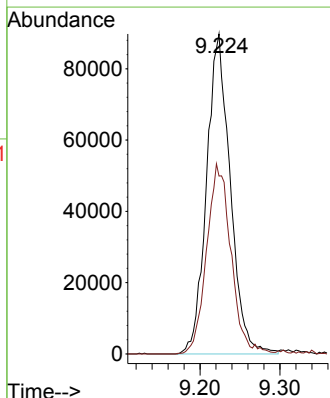
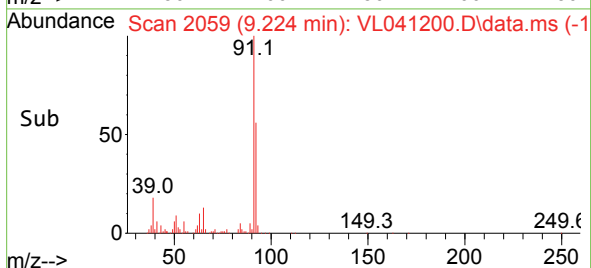
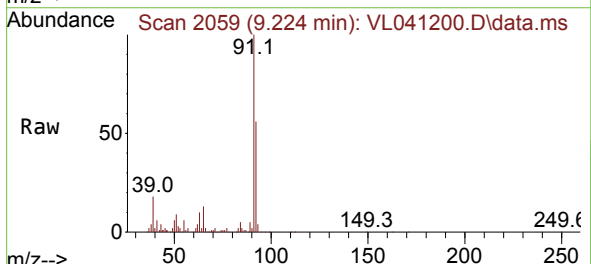


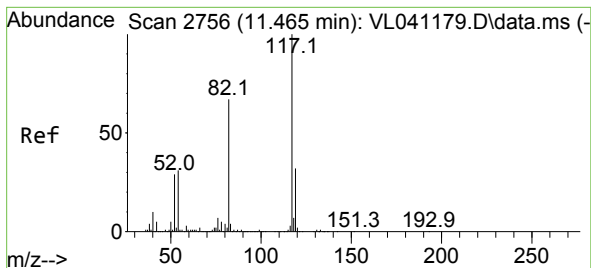
Tgt Ion:164 Resp: 39277
Ion Ratio Lower Upper
164 100
166 110.6 101.1 151.7
129 87.3 81.7 122.5
131 98.0 80.4 120.6



#53
Toluene
Concen: 0.913 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 91 Resp: 184925
Ion Ratio Lower Upper
91 100
92 60.9 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: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

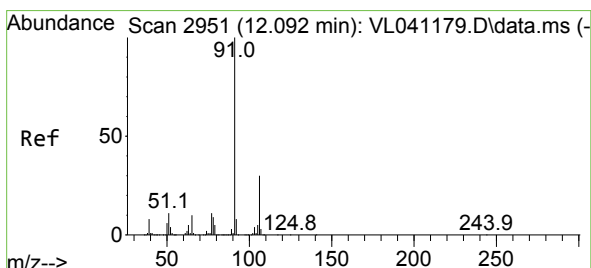
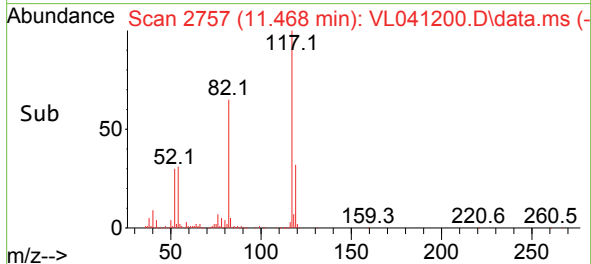
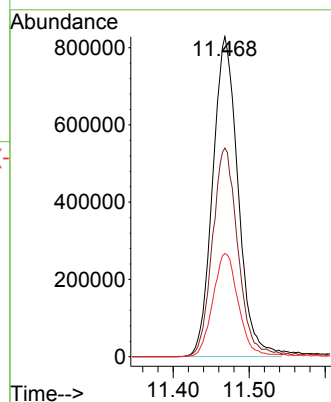
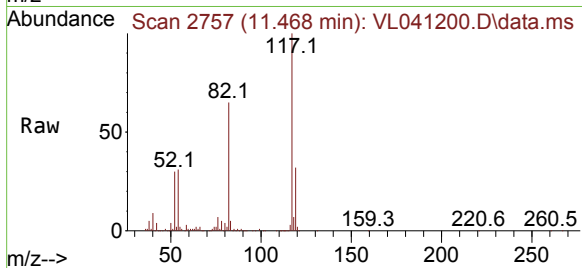
Tgt Ion:117 Resp: 1914120

Ion Ratio Lower Upper

117 100

82 66.9 53.6 80.4

119 33.2 27.2 40.8



#58

Ethyl Benzene

Concen: 0.055 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041200.D

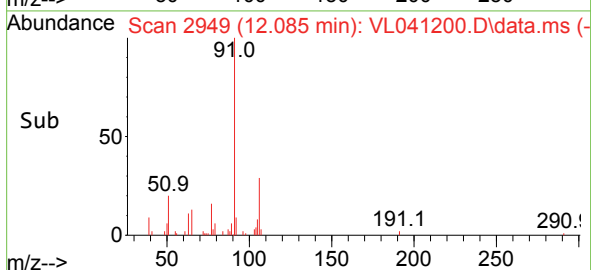
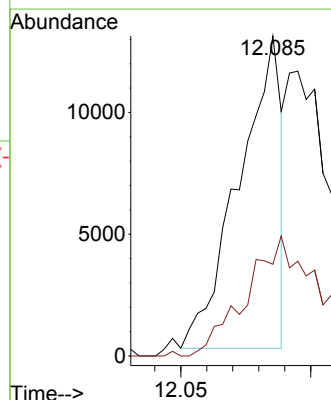
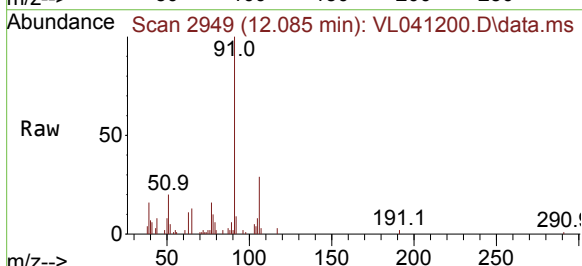
Acq: 2 May 2024 17:58

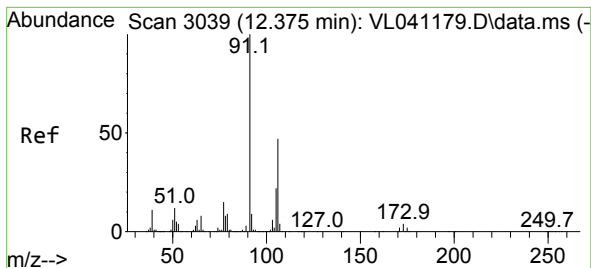
Tgt Ion: 91 Resp: 14523

Ion Ratio Lower Upper

91 100

106 29.4 24.3 36.5





#59

m/p-Xylene

Concen: 0.045 ppbv

RT: 12.375 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

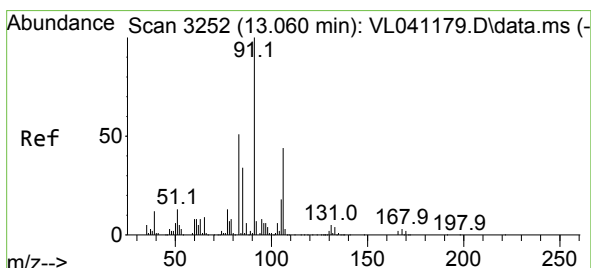
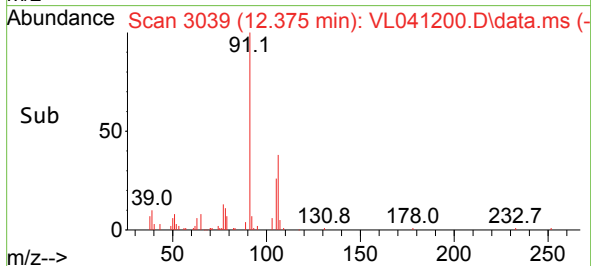
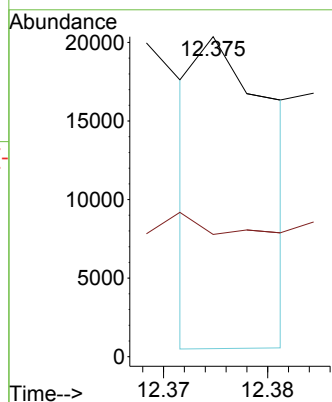
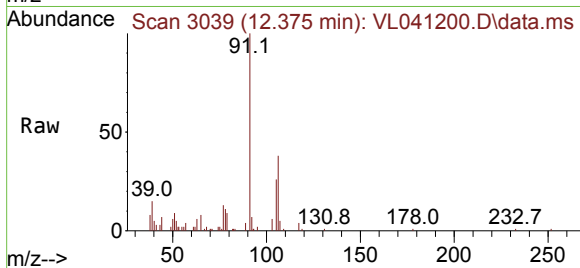
BA-20-SS01-20240425

Tgt Ion: 91 Resp: 9994

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#



#60

o-Xylene

Concen: 0.099 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL041200.D

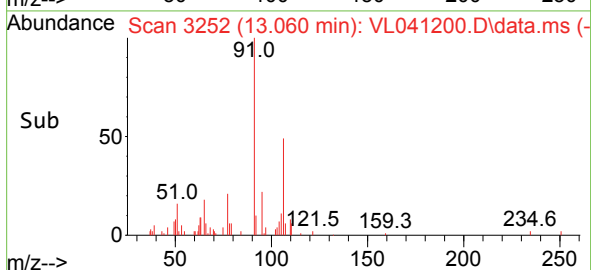
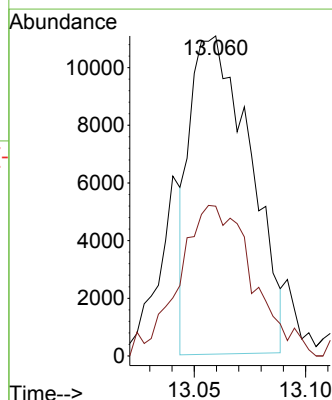
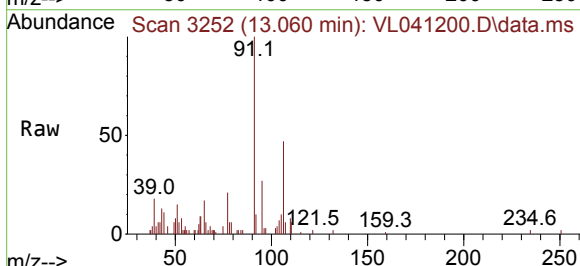
Acq: 2 May 2024 17:58

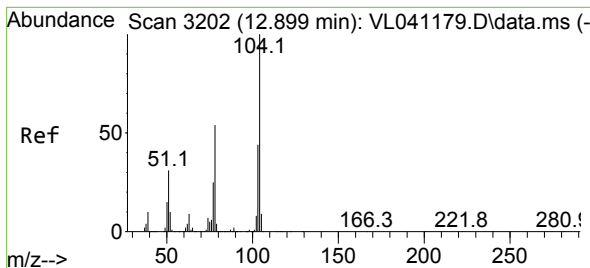
Tgt Ion: 91 Resp: 20573

Ion Ratio Lower Upper

91 100

106 59.5 22.4 67.3





#61

Styrene

Concen: 0.079 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425

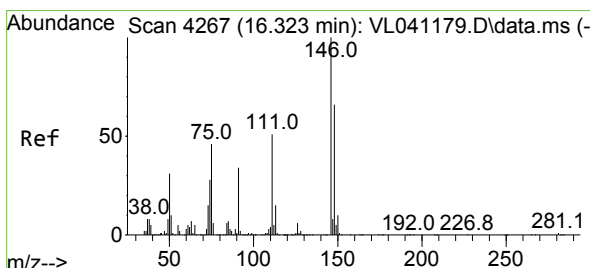
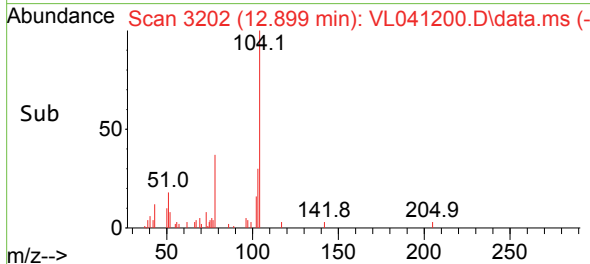
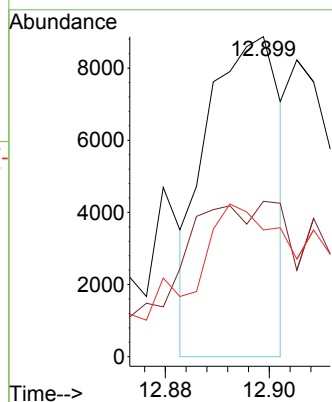
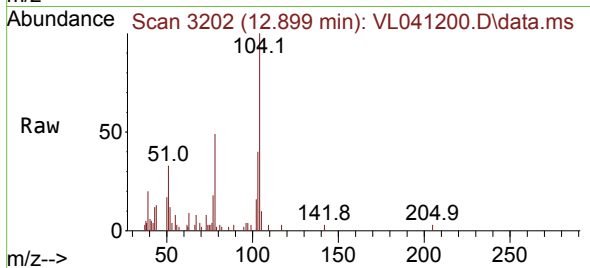
Tgt Ion:104 Resp: 8638

Ion Ratio Lower Upper

104 100

78 129.6 42.6 63.8#

103 112.7 38.4 57.6#



#66

Benzyl Chloride

Concen: 0.041 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.003 min

Lab File: VL041200.D

Acq: 2 May 2024 17:58

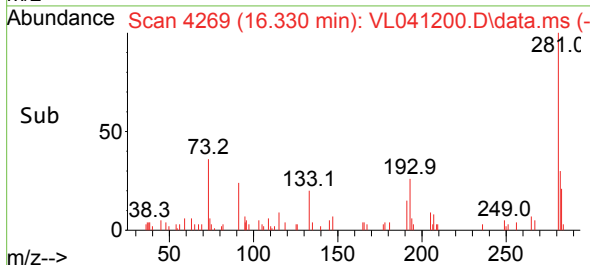
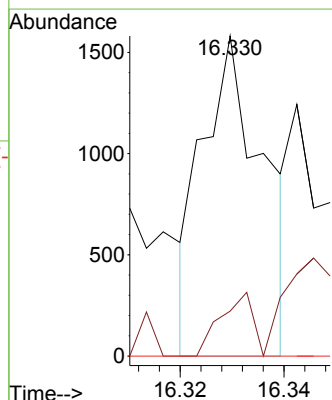
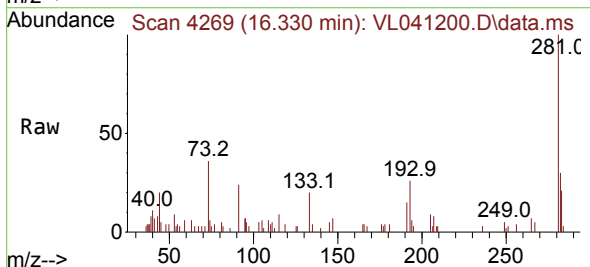
Tgt Ion: 91 Resp: 1276

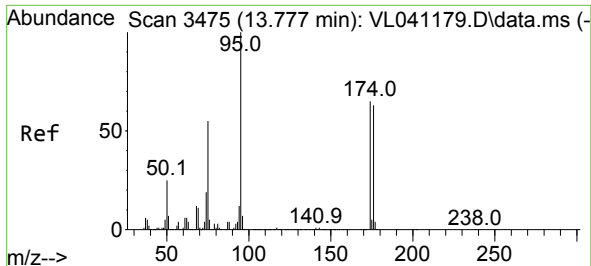
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 0.0 4.7 7.1#

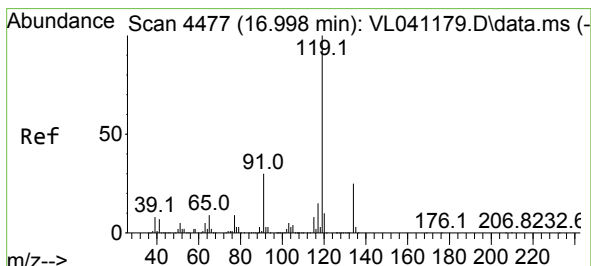
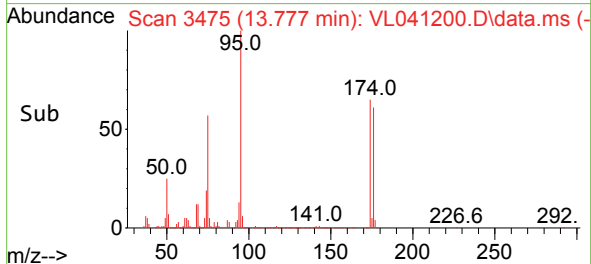
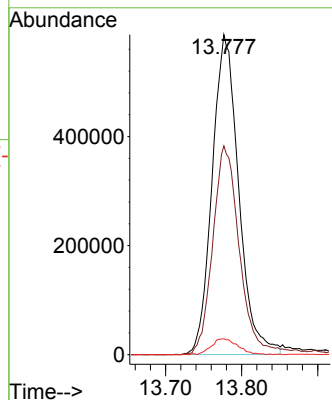
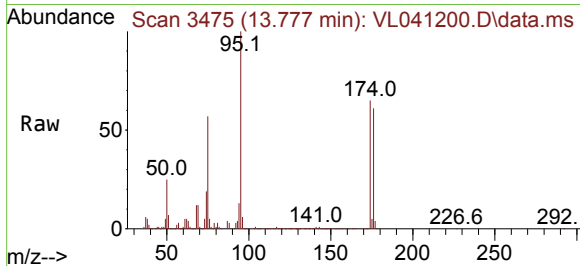




#68
1-Bromo-4-Fluorobenzene
Concen: 9.844 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

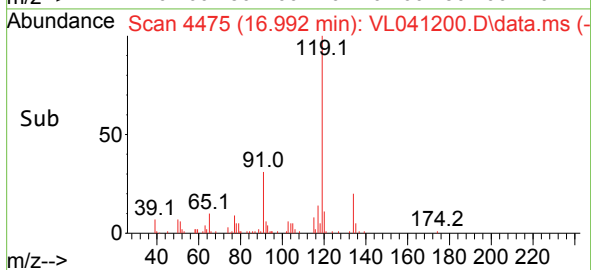
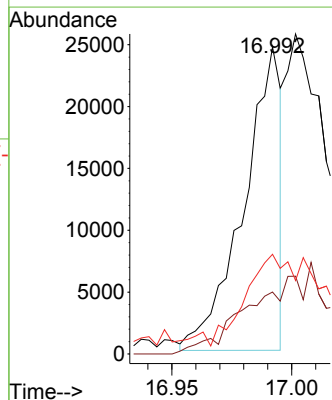
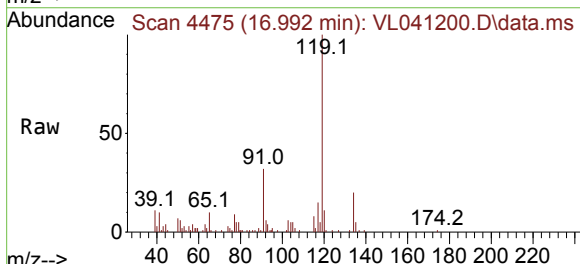
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

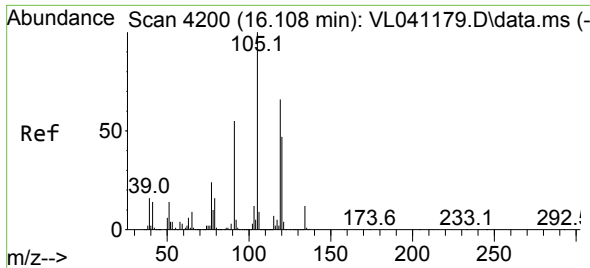
Tgt Ion: 95 Resp: 1422456
Ion Ratio Lower Upper
95 100
174 66.1 53.6 80.4
175 5.0 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.083 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041200.D
Acq: 2 May 2024 17:58

Tgt Ion: 119 Resp: 26641
Ion Ratio Lower Upper
119 100
134 0.0 20.1 30.1#
91 81.9 24.2 36.2#





#74

1,2,4-Trimethylbenzene

Concen: 0.107 ppbv

RT: 16.105 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041200.D

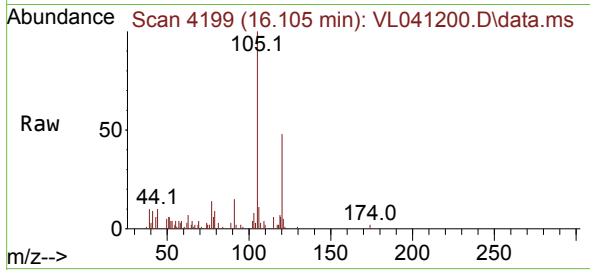
Acq: 2 May 2024 17:58

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS01-20240425



Tgt Ion:	105	Resp:	24750
Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.8	56.6
91	11.8	44.3	66.5#
77	13.8	19.0	28.4#

