

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041292.D
 Acq On : 24 May 2024 15:43
 Operator : SY/MD
 Sample : P2599-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 24 23:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1006867	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2602887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2423584	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1921471	10.502	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

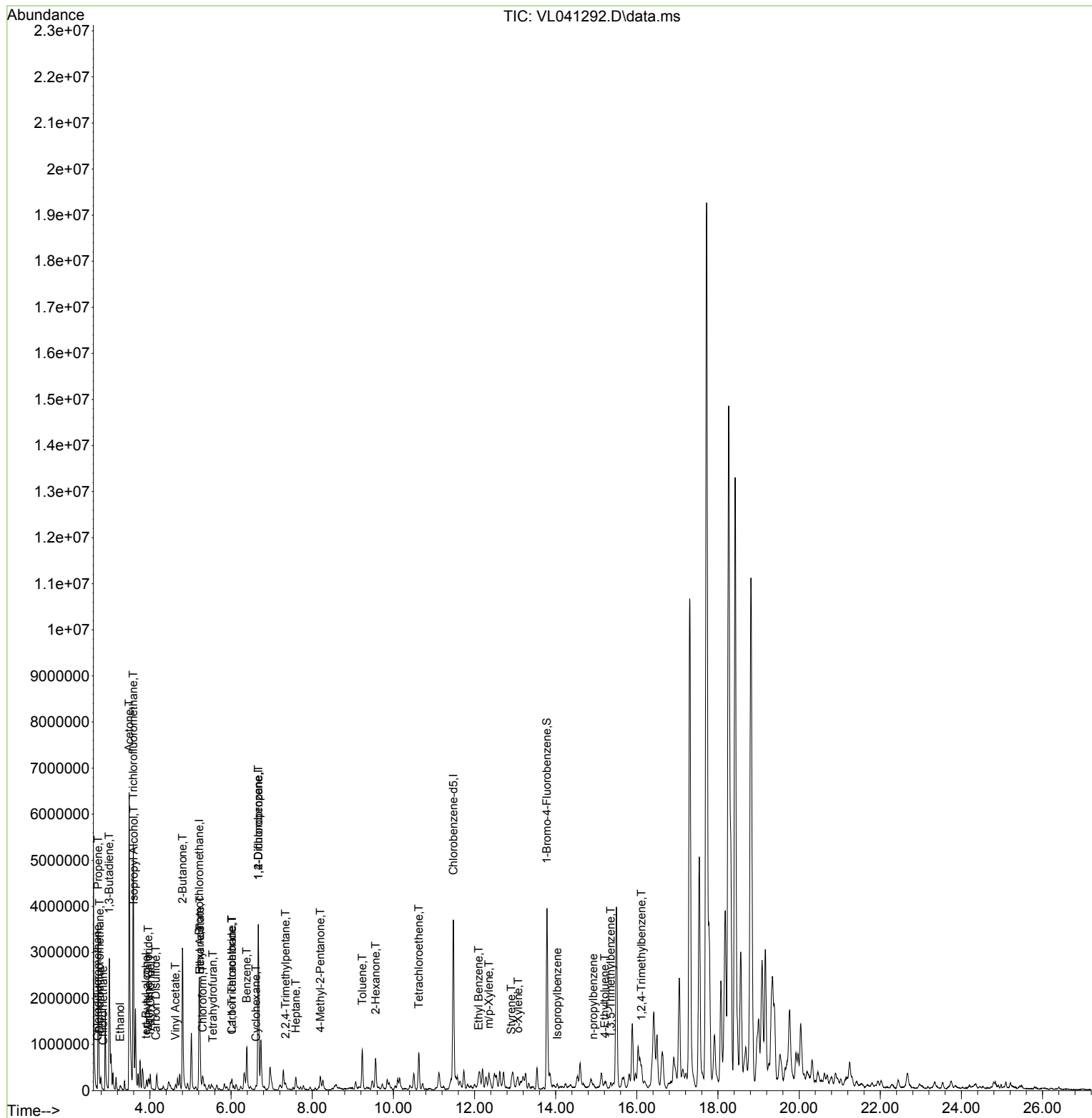
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	19129	0.140	ppbv	90
3) Chlorodifluoromethane	2.706	51	21766	0.142	ppbv	94
4) Chloromethane	2.848	50	2497	0.042	ppbv #	78
9) Propene	2.726	41	1416933	23.677	ppbv	97
10) Heptane	7.597	43	123193	0.850	ppbv	99
11) Trichlorofluoromethane	3.591	101	3375479	24.386	ppbv	98
13) Ethanol	3.266	45	107342	8.001	ppbv	98
15) Acetone	3.491	43	6734049	56.670	ppbv	93
16) 1,3-Butadiene	2.999	39	1080504	18.013	ppbv #	52
17) tert-Butyl alcohol	3.909	59	61255	0.478	ppbv	95
19) Isopropyl Alcohol	3.600	45	226832	2.909	ppbv #	41
20) Methylene Chloride	3.960	84	57508	1.392	ppbv	94
21) Allyl Chloride	4.012	41	34244	0.442	ppbv #	1
23) Vinyl Acetate	4.629	43	36939	0.282	ppbv #	1
25) Ethyl Acetate	5.234	43	279938	1.180	ppbv #	76
26) Hexane	5.234	57	391330	3.697	ppbv #	39
27) Carbon Disulfide	4.150	76	11915	0.095	ppbv #	63
29) Chloroform	5.295	83	119010	0.815	ppbv	99
30) Cyclohexane	6.616	84	17023	0.203	ppbv #	22
32) 1,1,1-Trichloroethane	6.025	97	125981	0.865	ppbv	96
34) 2-Butanone	4.803	43	3515203	26.534	ppbv	99
35) Carbon Tetrachloride	6.021	117	9488	0.065	ppbv	95
36) Benzene	6.388	78	744725	3.409	ppbv	99
39) 1,2-Dichloropropane	6.671	63	669855	7.957	ppbv #	26
41) Tetrahydrofuran	5.549	42	10706	0.112	ppbv #	53
44) 2,2,4-Trimethylpentane	7.343	57	94283	0.250	ppbv #	54
50) 4-Methyl-2-Pentanone	8.198	43	227454	0.957	ppbv	99
51) 2-Hexanone	9.565	43	561327	3.183	ppbv #	98
52) Tetrachloroethene	10.629	164	191055	2.489	ppbv	95
53) Toluene	9.233	91	656564	2.592	ppbv	100
58) Ethyl Benzene	12.102	91	62477	0.188	ppbv	95
59) m/p-Xylene	12.356	91	264918	0.948	ppbv	93
60) o-Xylene	13.076	91	157111	0.600	ppbv	98
61) Styrene	12.909	104	13519	0.098	ppbv #	29
62) Isopropylbenzene	14.037	105	40688	0.104	ppbv #	49
64) n-propylbenzene	14.928	120	7749	0.079	ppbv #	1
72) 4-Ethyltoluene	15.211	105	20202	0.068	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.359	105	80543	0.300	ppbv	88
74) 1,2,4-Trimethylbenzene	16.114	105	294915	1.006	ppbv #	65

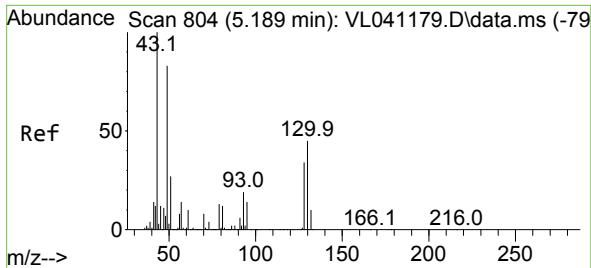
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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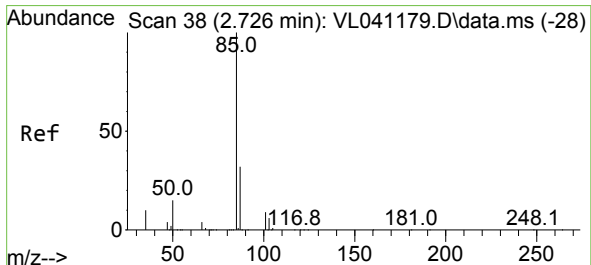
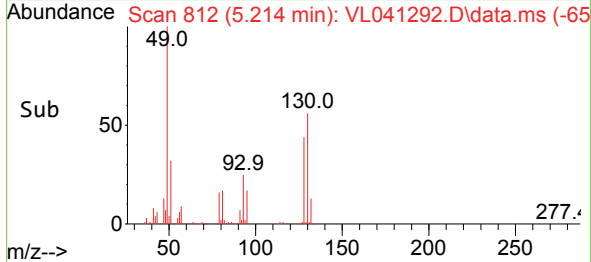
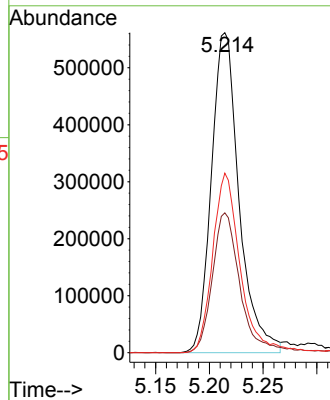
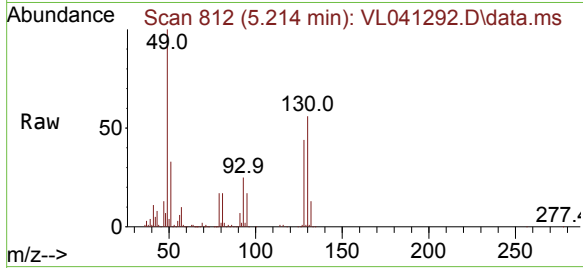




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

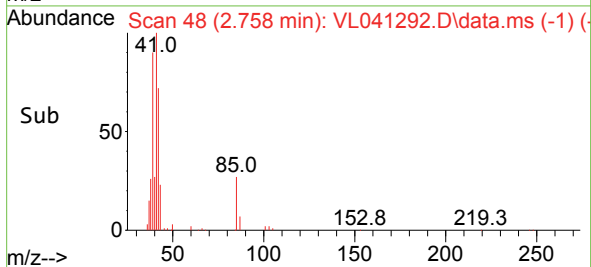
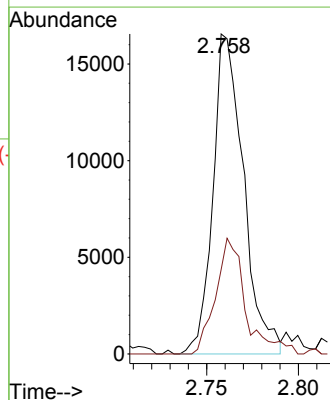
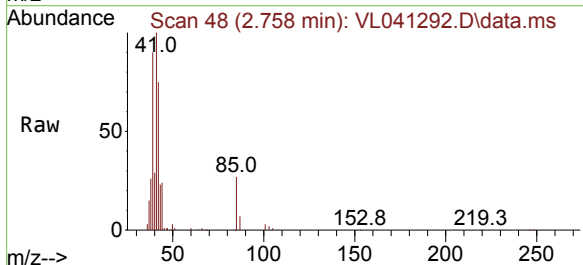
Instrument :
MSVOA_L
ClientSampleId :

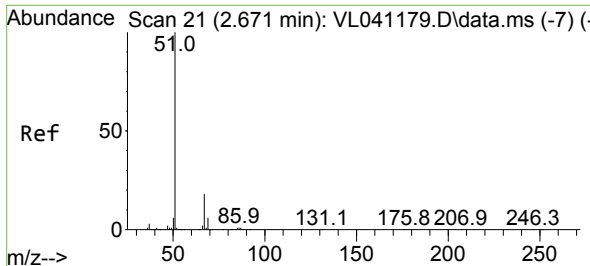
Tgt Ion: 49 Resp: 1006867
Ion Ratio Lower Upper
49 100
128 44.7 21.5 64.5
130 56.6 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.003 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 85 Resp: 19129
Ion Ratio Lower Upper
85 100
87 26.4 25.7 38.5

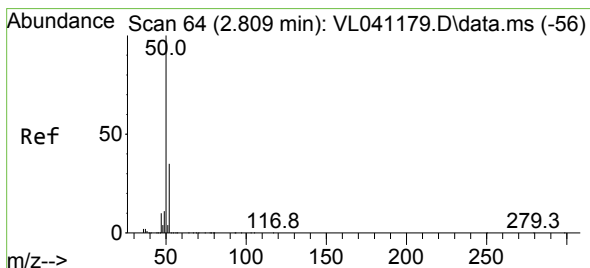
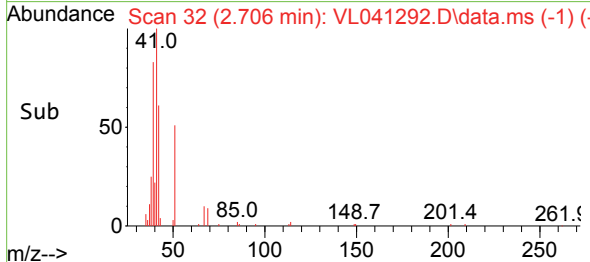
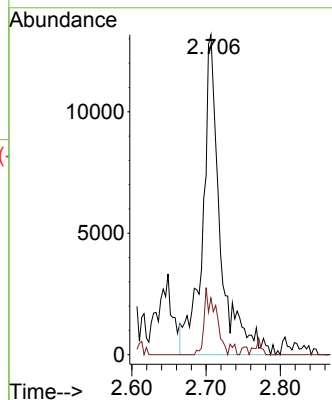
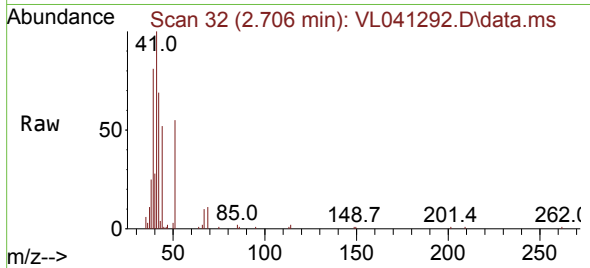




#3
Chlorodifluoromethane
Concen: 0.142 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

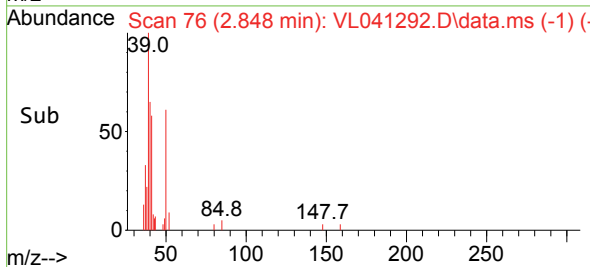
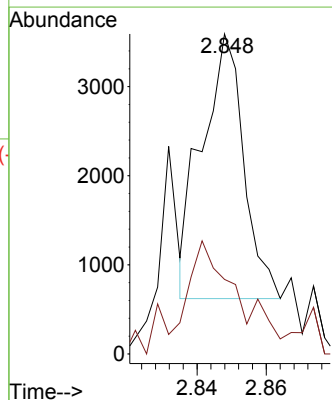
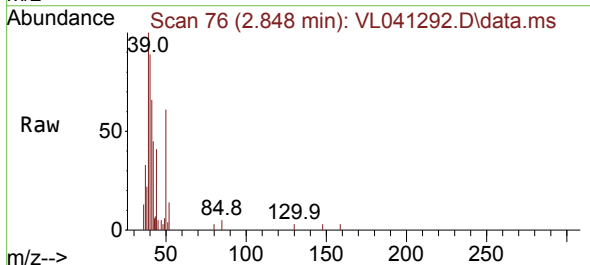
Instrument :
MSVOA_L
ClientSampleId :

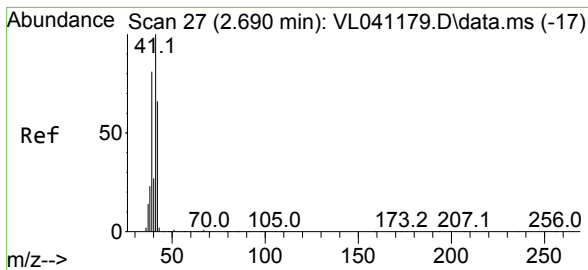
Tgt Ion: 51 Resp: 21766
Ion Ratio Lower Upper
51 100
67 14.7 14.0 21.0



#4
Chloromethane
Concen: 0.042 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.010 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 50 Resp: 2497
Ion Ratio Lower Upper
50 100
52 22.5 28.3 42.5#





#9

Propene

Concen: 23.677 ppbv

RT: 2.726 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

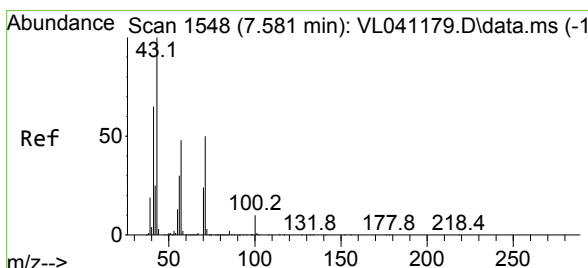
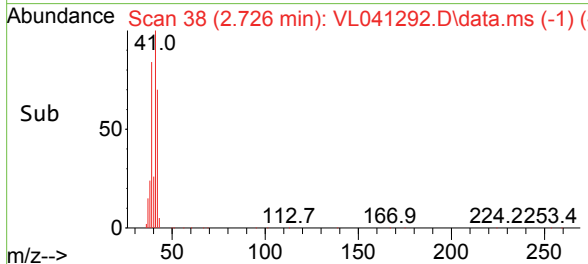
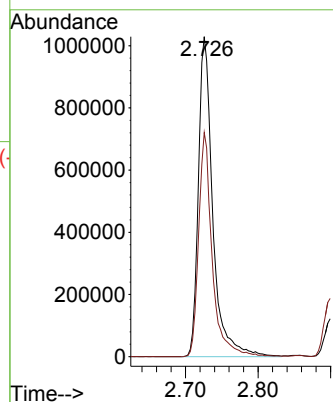
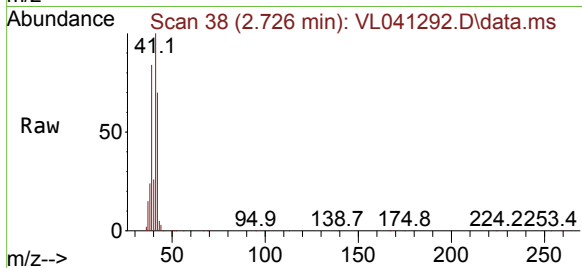
ClientSampleId :

Tgt Ion: 41 Resp: 1416933

Ion Ratio Lower Upper

41 100

42 66.3 55.3 82.9



#10

Heptane

Concen: 0.850 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.007 min

Lab File: VL041292.D

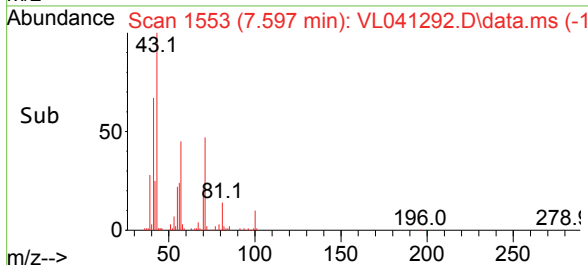
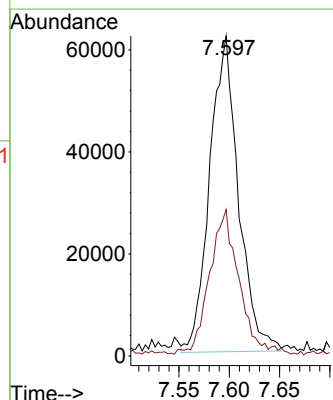
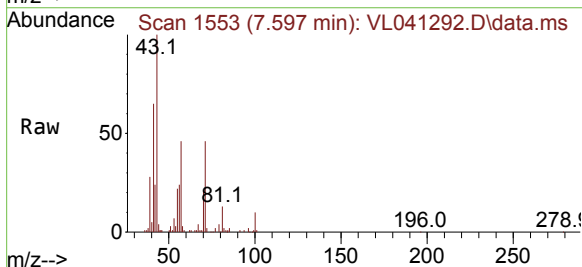
Acq: 24 May 2024 15:43

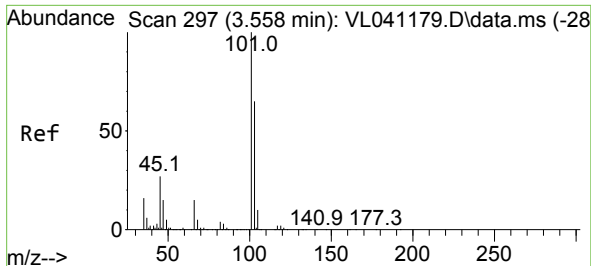
Tgt Ion: 43 Resp: 123193

Ion Ratio Lower Upper

43 100

57 47.4 38.7 58.1

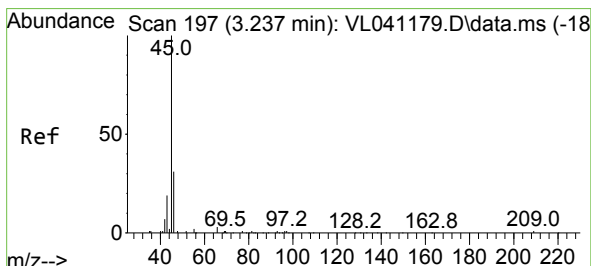
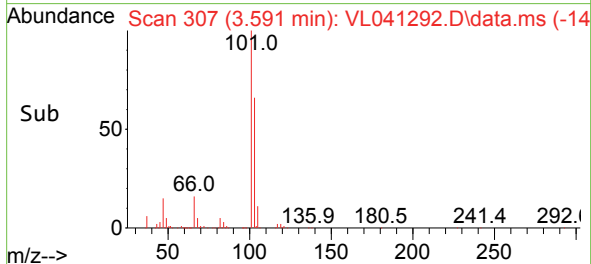
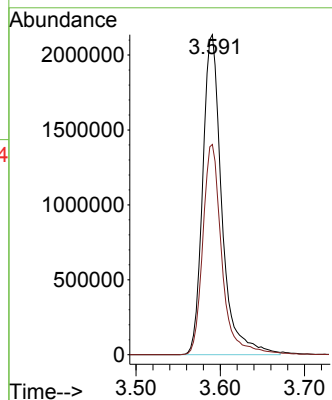
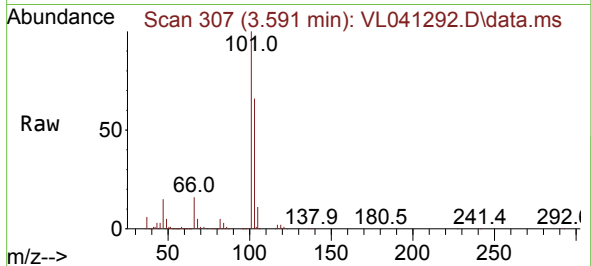




#11
 Trichlorofluoromethane
 Concen: 24.386 ppbv
 RT: 3.591 min Scan# 307
 Delta R.T. 0.007 min
 Lab File: VL041292.D
 Acq: 24 May 2024 15:43

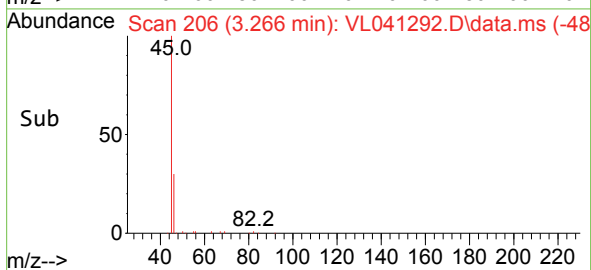
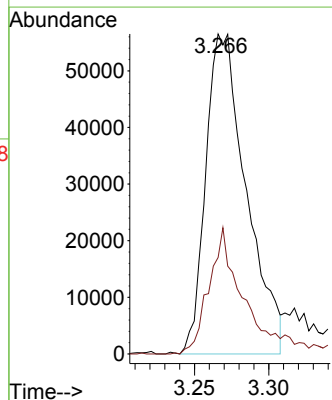
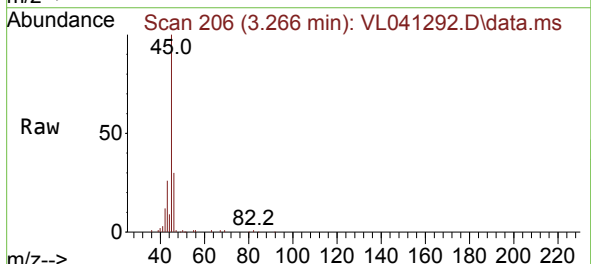
Instrument :
 MSVOA_L
 ClientSampleId :

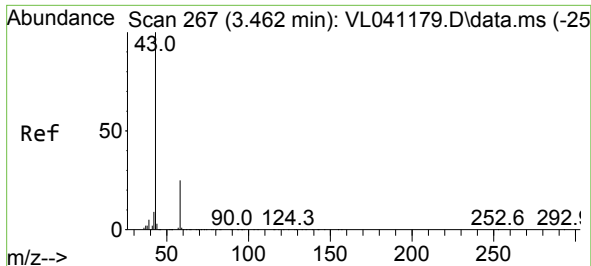
Tgt Ion:101 Resp: 3375479
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.6 77.4



#13
 Ethanol
 Concen: 8.001 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.007 min
 Lab File: VL041292.D
 Acq: 24 May 2024 15:43

Tgt Ion: 45 Resp: 107342
 Ion Ratio Lower Upper
 45 100
 46 38.1 14.8 59.0

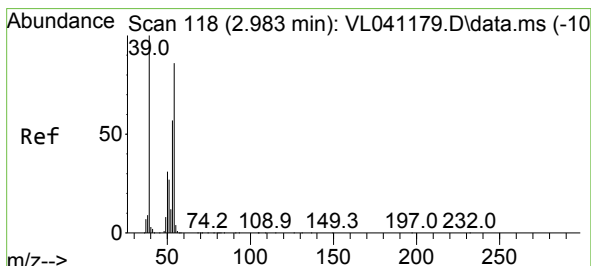
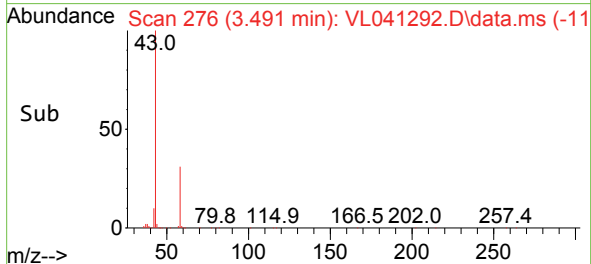
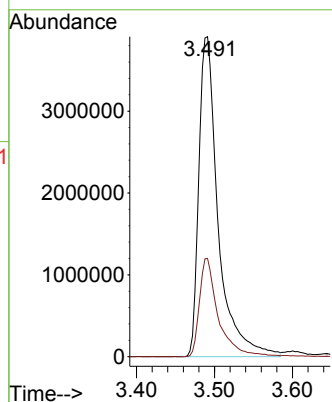
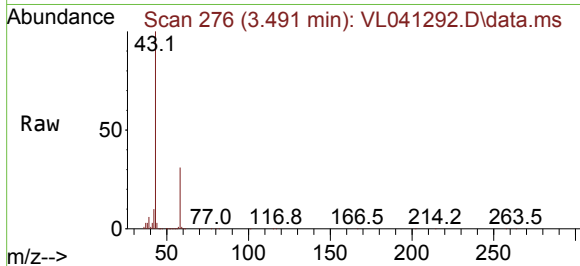




#15
Acetone
Concen: 56.670 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

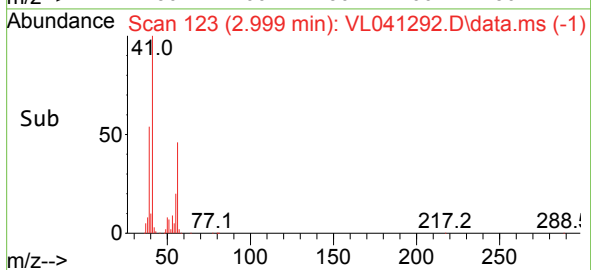
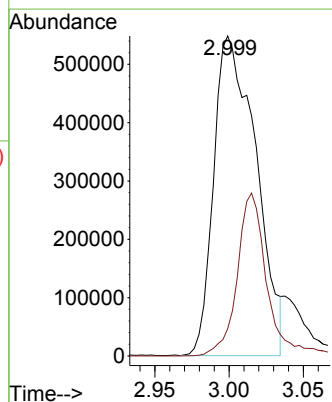
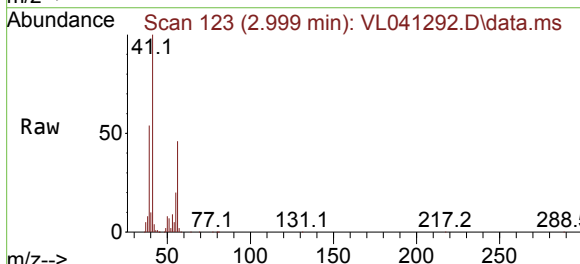
Instrument :
MSVOA_L
ClientSampleId :

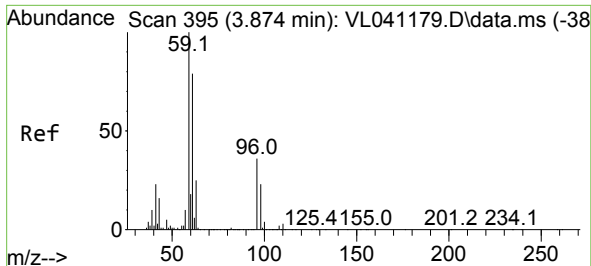
Tgt Ion: 43 Resp: 6734049
Ion Ratio Lower Upper
43 100
58 30.5 21.4 32.0



#16
1,3-Butadiene
Concen: 18.013 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.010 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 39 Resp: 1080504
Ion Ratio Lower Upper
39 100
54 35.9 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.478 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.013 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

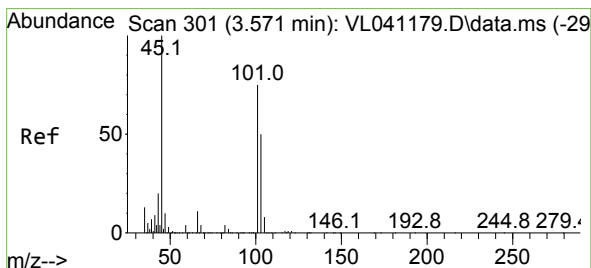
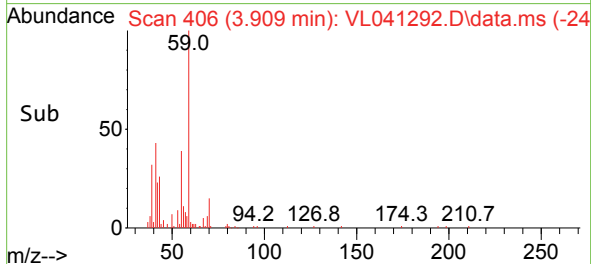
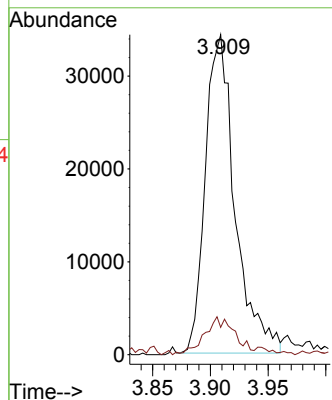
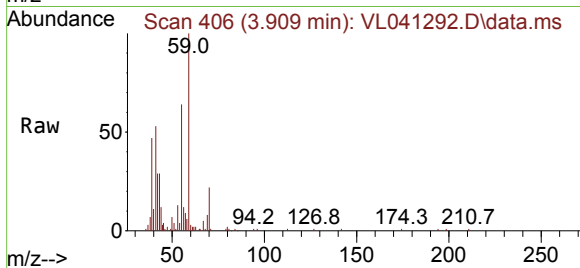
ClientSampleId :

Tgt Ion: 59 Resp: 61255

Ion Ratio Lower Upper

59 100

57 12.4 8.4 12.6



#19

Isopropyl Alcohol

Concen: 2.909 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.007 min

Lab File: VL041292.D

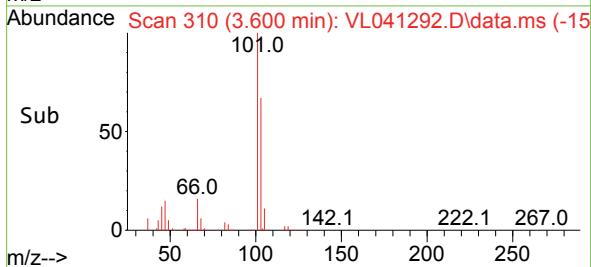
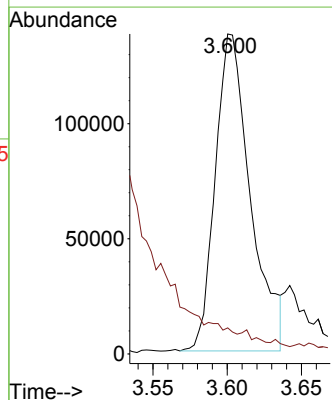
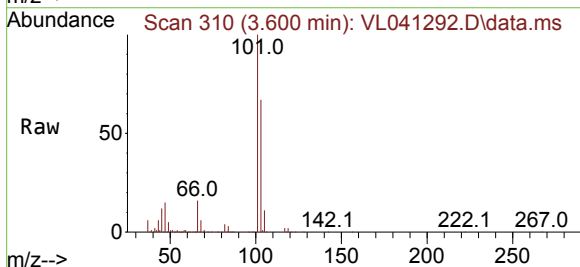
Acq: 24 May 2024 15:43

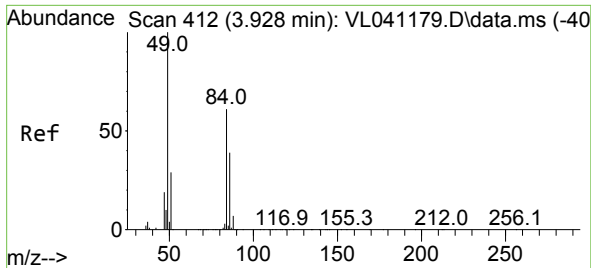
Tgt Ion: 45 Resp: 226832

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#



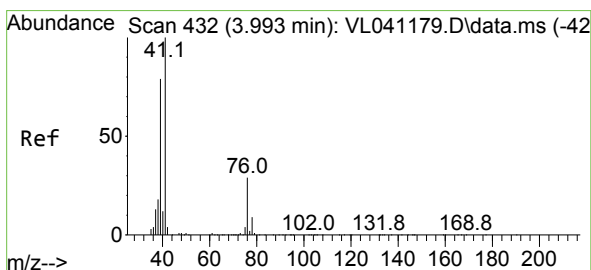
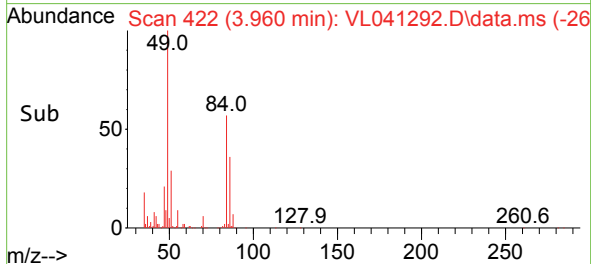
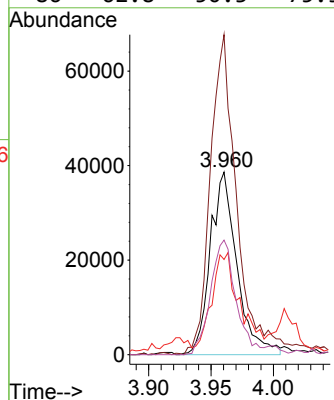
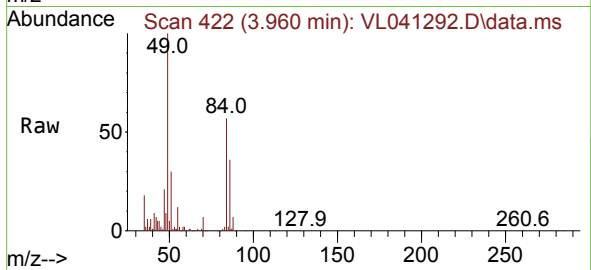


#20
Methylene Chloride
Concen: 1.392 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 57508

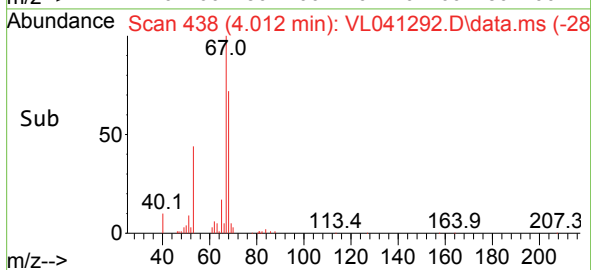
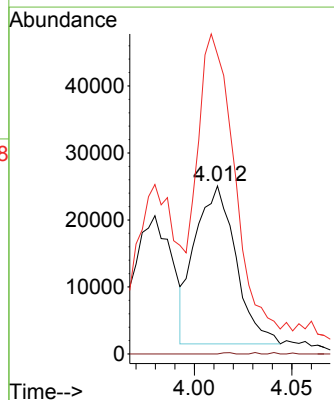
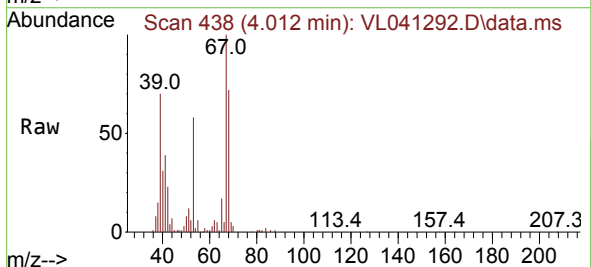
Ion	Ratio	Lower	Upper
84	100		
49	174.6	130.4	195.6
51	42.8	38.0	57.0
86	62.8	50.3	75.5

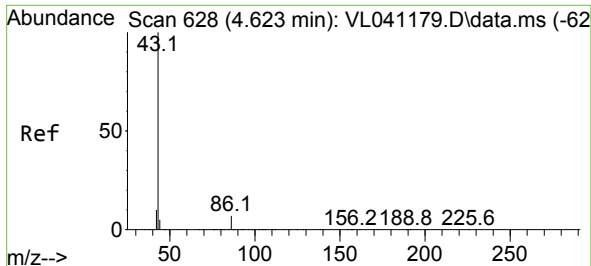


#21
Allyl Chloride
Concen: 0.442 ppbv
RT: 4.012 min Scan# 438
Delta R.T. -0.003 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 41 Resp: 34244

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	307.5	64.7	97.1#

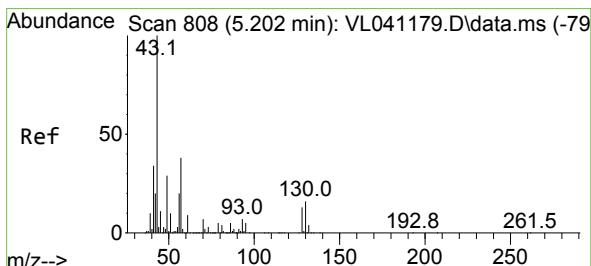
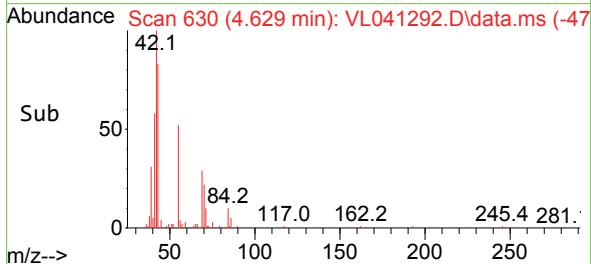
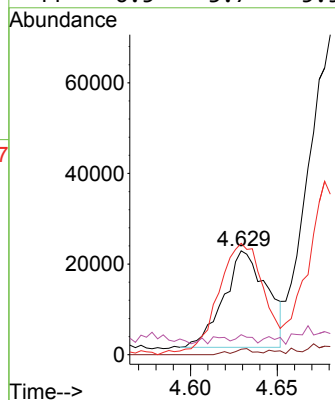
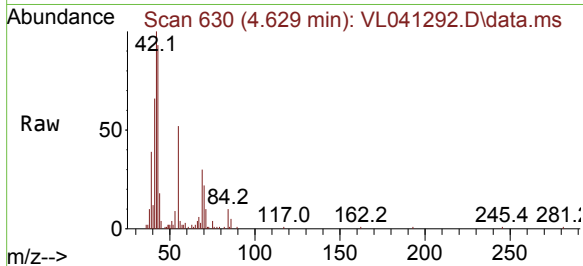




#23
 Vinyl Acetate
 Concen: 0.282 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL041292.D
 Acq: 24 May 2024 15:43

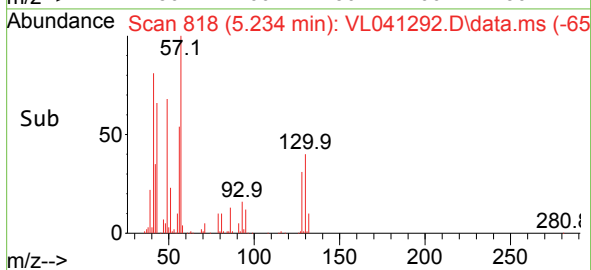
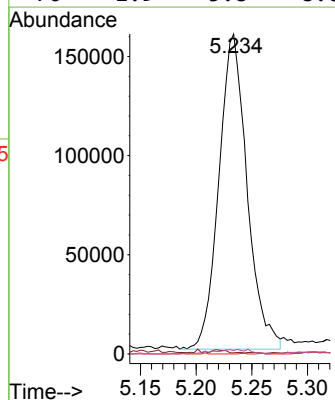
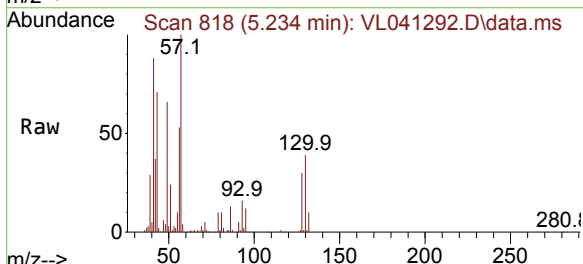
Instrument :
 MSVOA_L
 ClientSampleId :

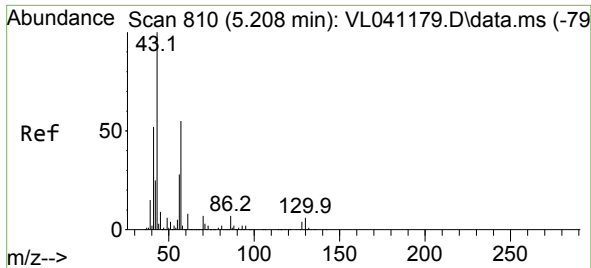
Tgt Ion:	43	Resp:	36939
Ion	Ratio	Lower	Upper
43	100		
86	5.6	4.9	7.3
42	111.6	8.0	12.0#
44	6.5	3.7	5.5#



#25
 Ethyl Acetate
 Concen: 1.180 ppbv
 RT: 5.234 min Scan# 818
 Delta R.T. 0.016 min
 Lab File: VL041292.D
 Acq: 24 May 2024 15:43

Tgt Ion:	43	Resp:	279938
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.1	7.7	11.5#
70	1.9	5.8	8.6#

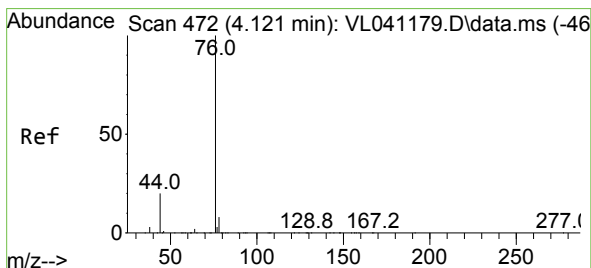
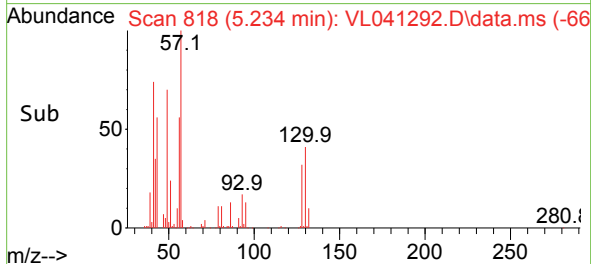
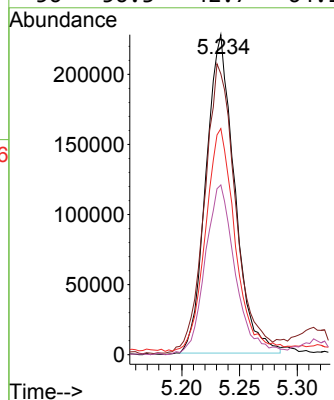
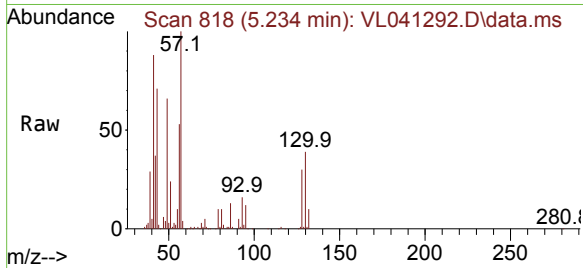




#26
Hexane
Concen: 3.697 ppbv
RT: 5.234 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

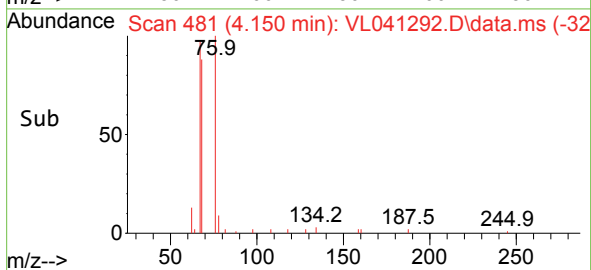
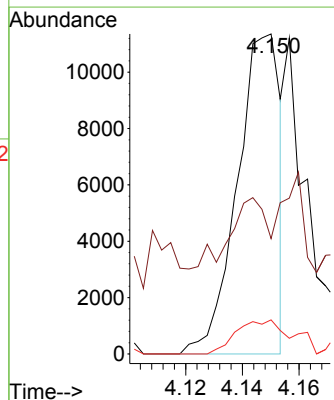
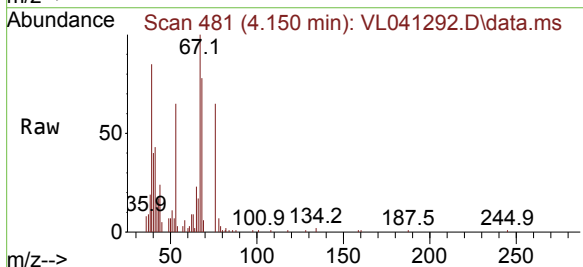
Instrument :
MSVOA_L
ClientSampleId :

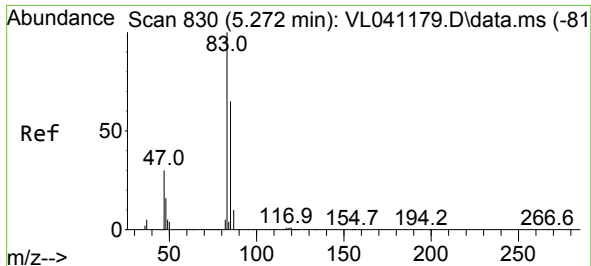
Tgt Ion: 57 Resp: 391330
Ion Ratio Lower Upper
57 100
41 101.2 75.8 113.8
43 73.2 187.0 280.4#
56 56.3 42.7 64.1



#27
Carbon Disulfide
Concen: 0.095 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.007 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 76 Resp: 11915
Ion Ratio Lower Upper
76 100
44 0.0 16.3 24.5#
78 16.7 7.3 10.9#





#29

Chloroform

Concen: 0.815 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

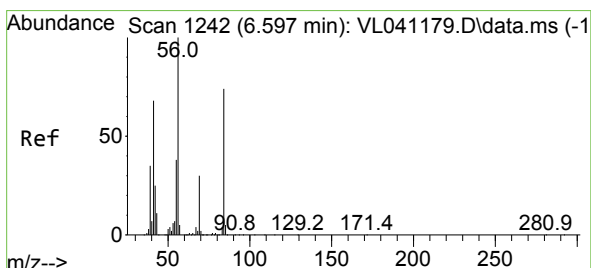
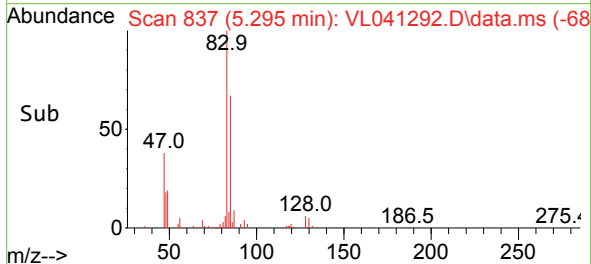
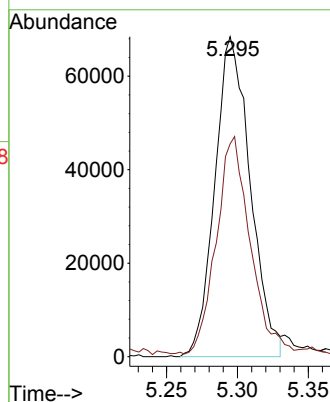
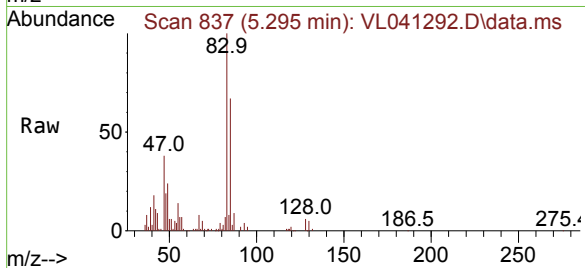
ClientSampleId :

Tgt Ion: 83 Resp: 119010

Ion Ratio Lower Upper

83 100

85 65.1 51.7 77.5



#30

Cyclohexane

Concen: 0.203 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

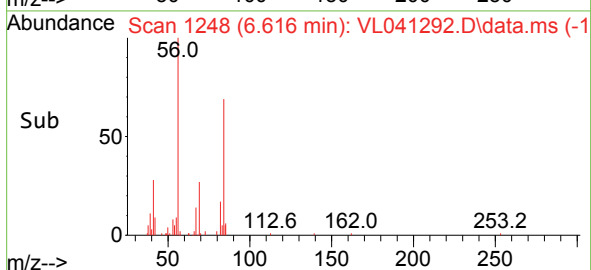
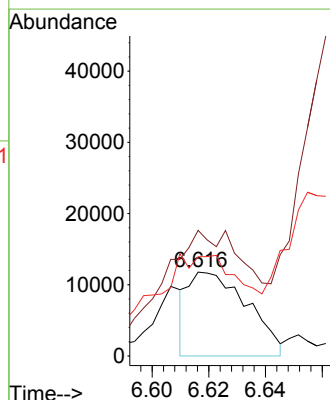
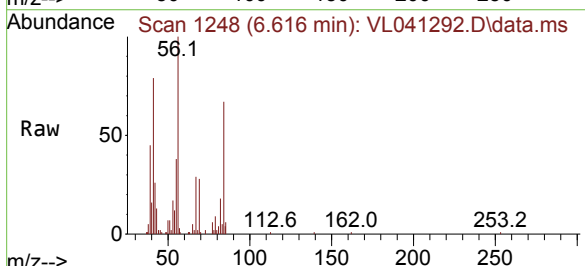
Tgt Ion: 84 Resp: 17023

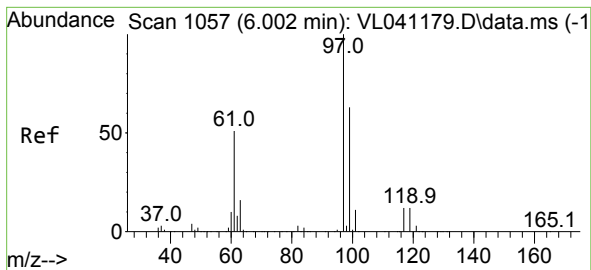
Ion Ratio Lower Upper

84 100

56 229.3 116.8 175.2#

41 0.0 73.8 110.8#





#32

1,1,1-Trichloroethane

Concen: 0.865 ppbv

RT: 6.025 min Scan# 1057

Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

ClientSampleId :

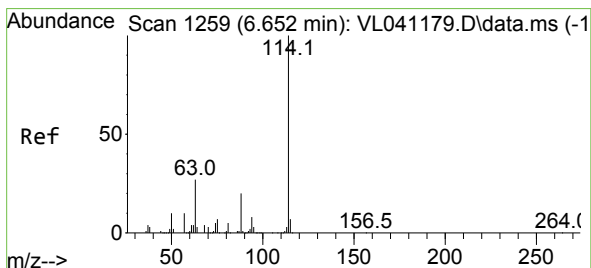
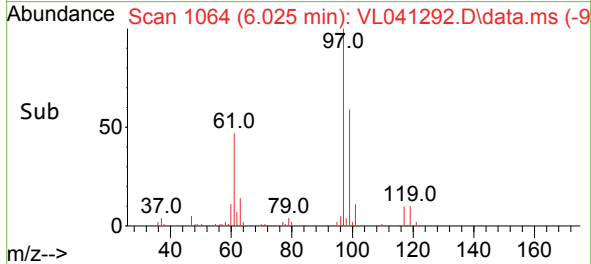
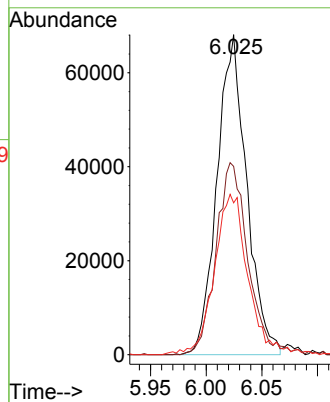
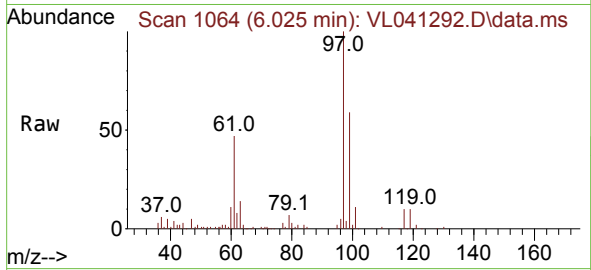
Tgt Ion: 97 Resp: 125981

Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 57.4 41.1 61.7



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.003 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

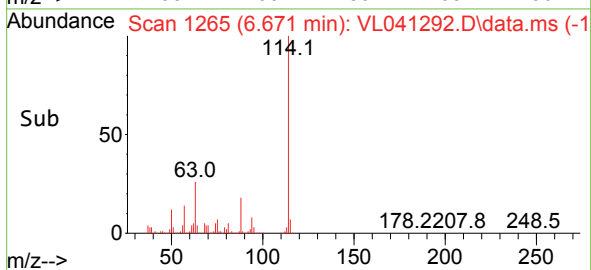
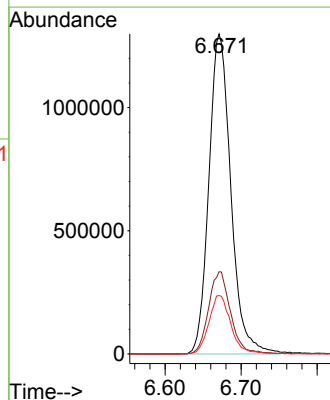
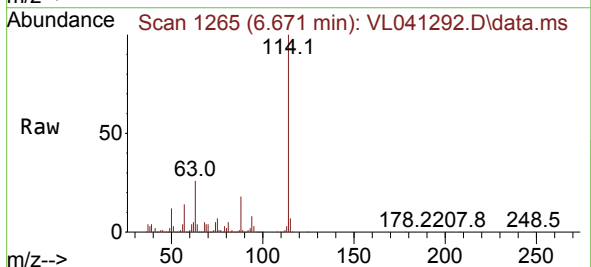
Tgt Ion: 114 Resp: 2602887

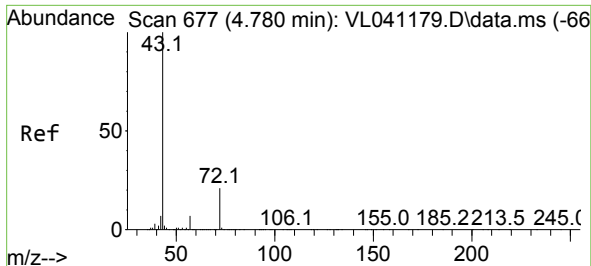
Ion Ratio Lower Upper

114 100

63 26.1 21.8 32.6

88 18.3 15.2 22.8

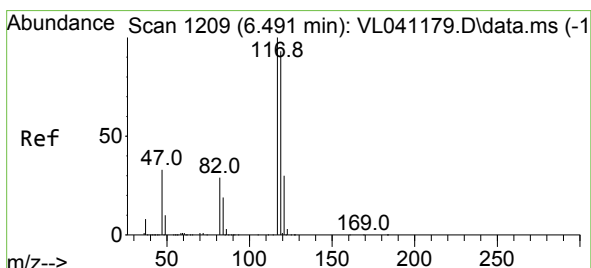
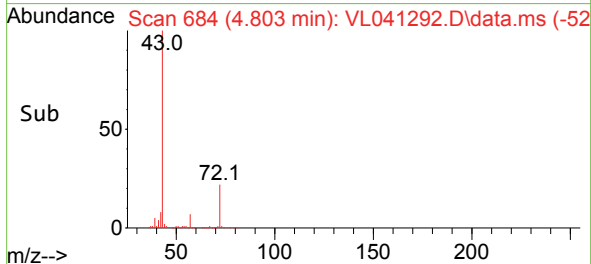
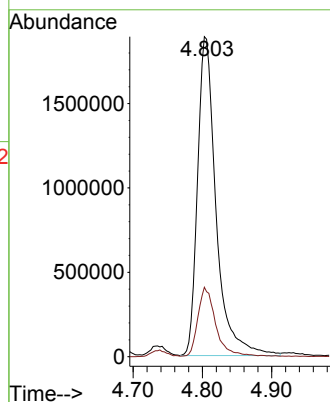
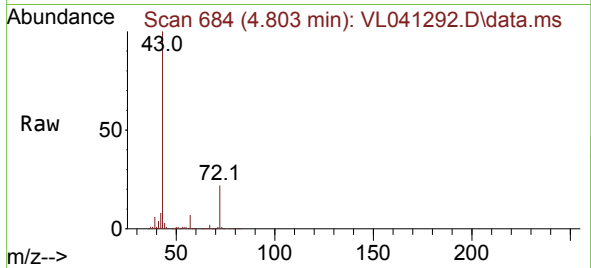




#34
2-Butanone
Concen: 26.534 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

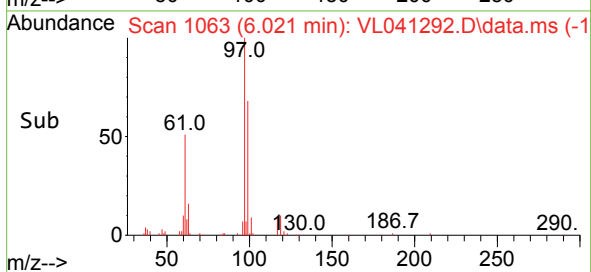
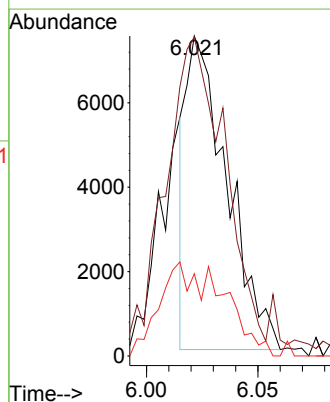
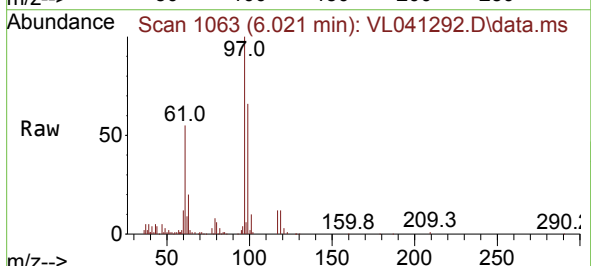
Instrument :
MSVOA_L
ClientSampleId :

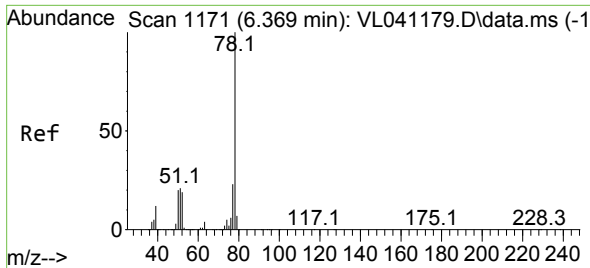
Tgt Ion: 43 Resp: 3515203
Ion Ratio Lower Upper
43 100
72 21.3 17.3 25.9



#35
Carbon Tetrachloride
Concen: 0.065 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. -0.485 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 117 Resp: 9488
Ion Ratio Lower Upper
117 100
119 96.6 74.3 111.5
121 26.2 23.8 35.8

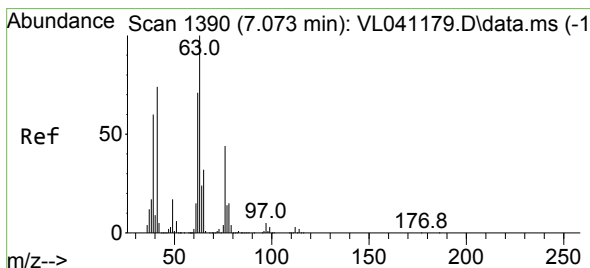
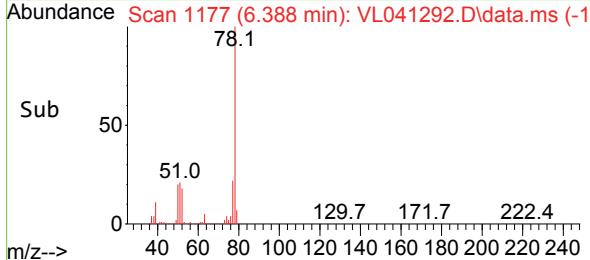
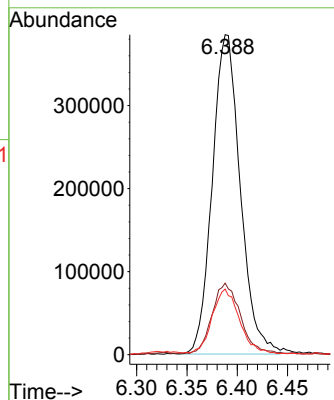
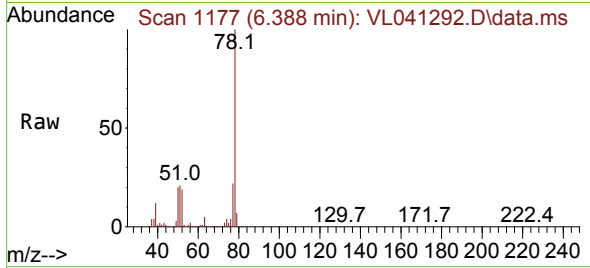




#36
Benzene
Concen: 3.409 ppbv
RT: 6.388 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

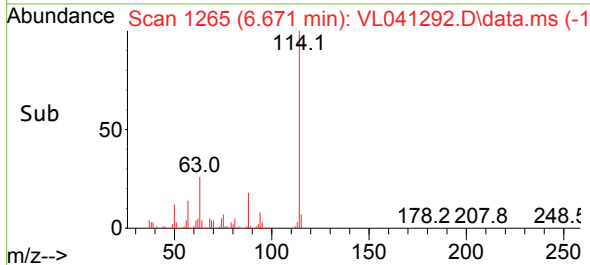
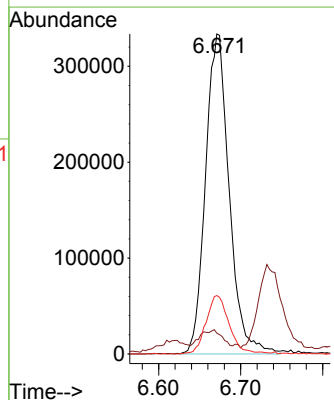
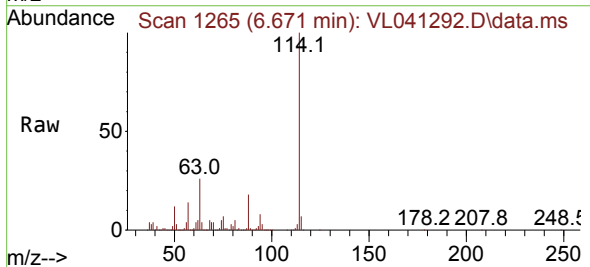
Instrument :
MSVOA_L
ClientSampleId :

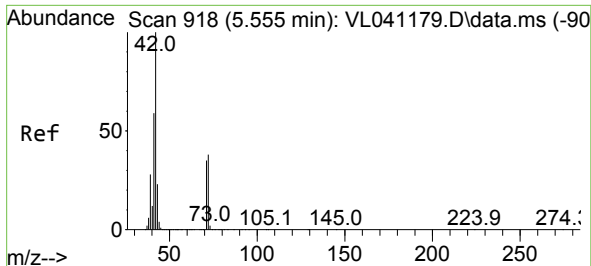
Tgt Ion: 78 Resp: 744725
Ion Ratio Lower Upper
78 100
77 22.0 18.3 27.5
50 20.1 15.9 23.9



#39
1,2-Dichloropropane
Concen: 7.957 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. -0.415 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

Tgt Ion: 63 Resp: 669855
Ion Ratio Lower Upper
63 100
41 3.1 59.4 89.0#
62 18.1 56.8 85.2#





#41

Tetrahydrofuran

Concen: 0.112 ppbv

RT: 5.549 min Scan# 918

Delta R.T. -0.022 min

Lab File: VL041292.D

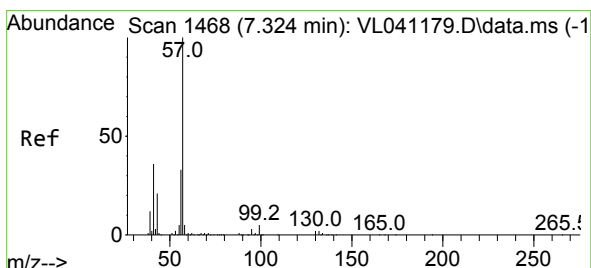
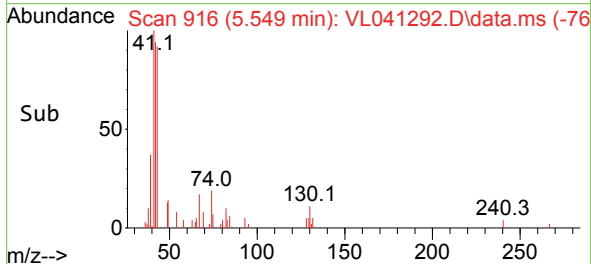
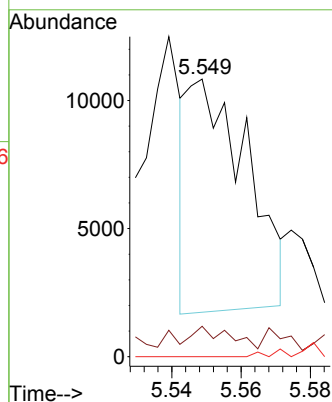
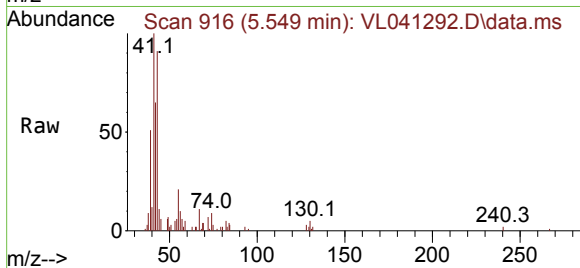
Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	10706
Ion Ratio	Lower	Upper	
42	100		
72	17.3	29.4	44.0#
71	0.0	29.1	43.7#



#44

2,2,4-Trimethylpentane

Concen: 0.250 ppbv

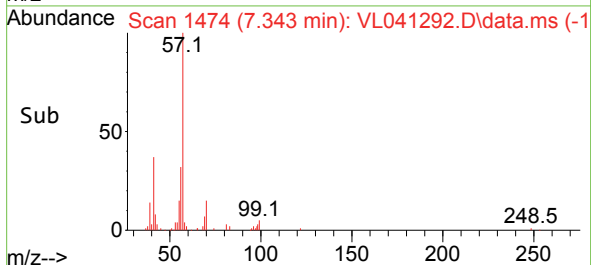
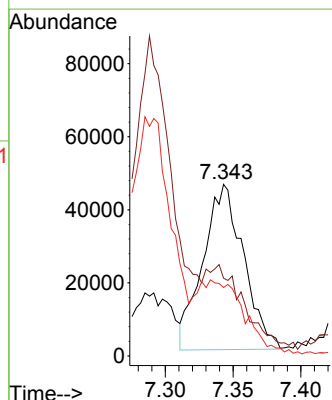
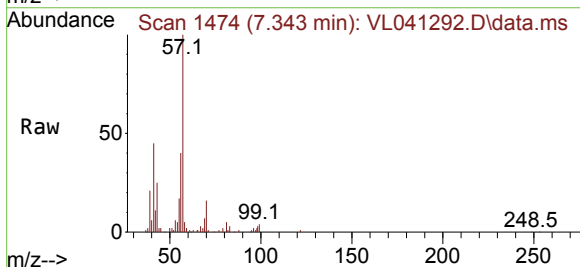
RT: 7.343 min Scan# 1474

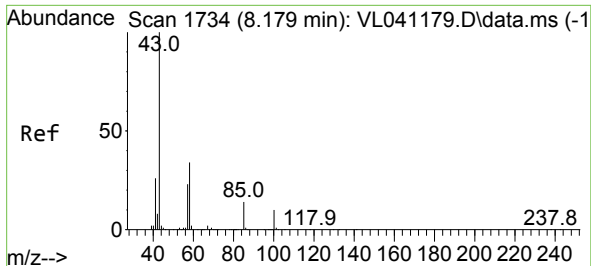
Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Tgt Ion:	57	Resp:	94283
Ion Ratio	Lower	Upper	
57	100		
41	0.0	29.5	44.3#
56	46.1	25.3	37.9#





#50

4-Methyl-2-Pentanone

Concen: 0.957 ppbv

RT: 8.198 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

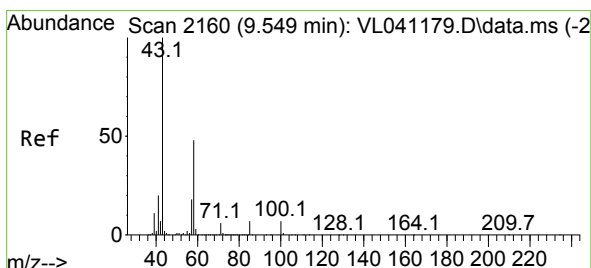
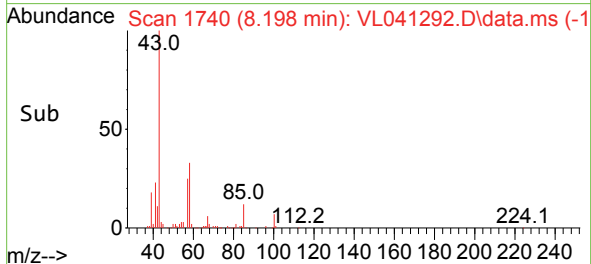
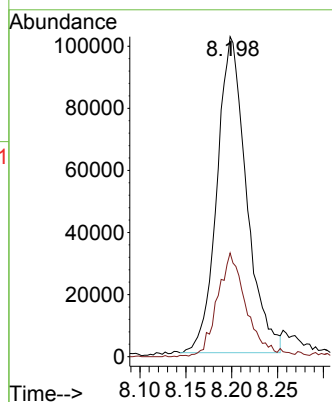
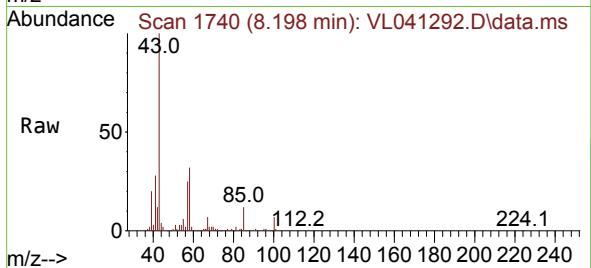
ClientSampleId :

Tgt Ion: 43 Resp: 227454

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5



#51

2-Hexanone

Concen: 3.183 ppbv

RT: 9.565 min Scan# 2165

Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

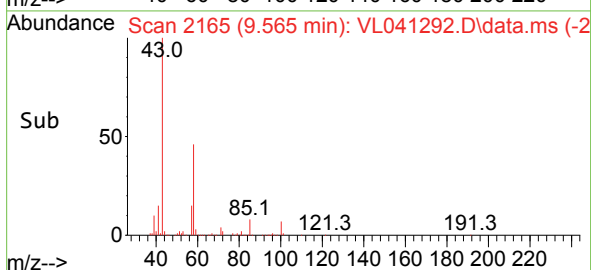
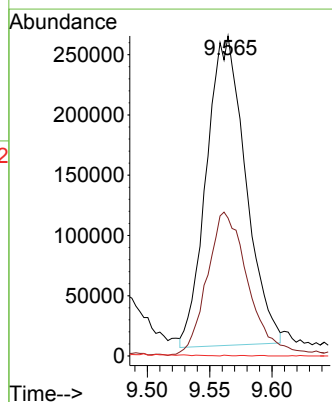
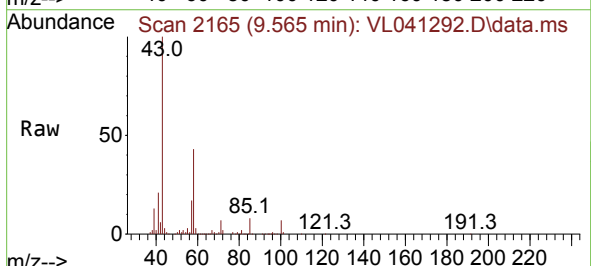
Tgt Ion: 43 Resp: 561327

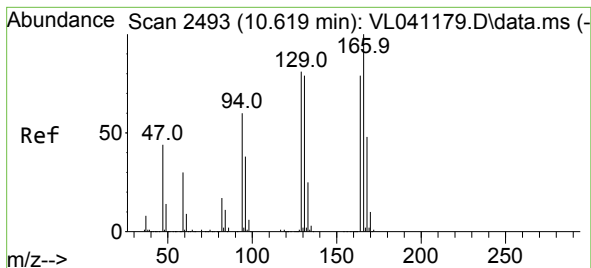
Ion Ratio Lower Upper

43 100

58 49.6 38.4 57.6

98 0.1 0.0 0.0#





#52

Tetrachloroethene

Concen: 2.489 ppbv

RT: 10.629 min Scan# 2493

Delta R.T. 0.007 min

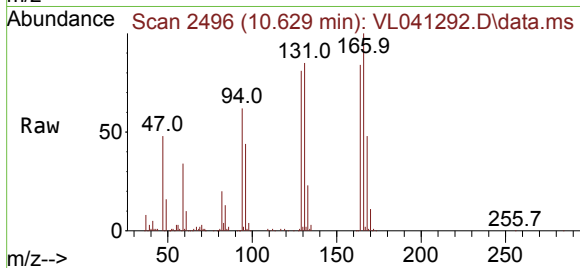
Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 191055

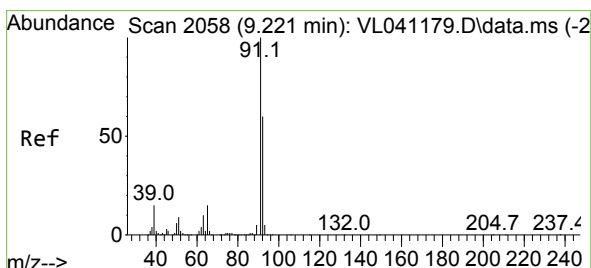
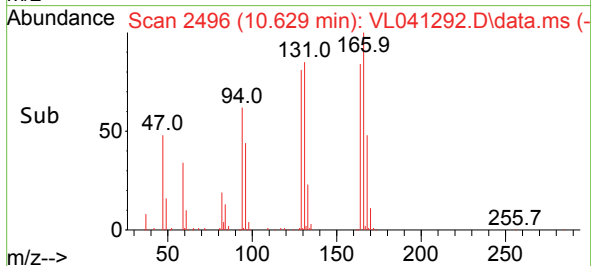
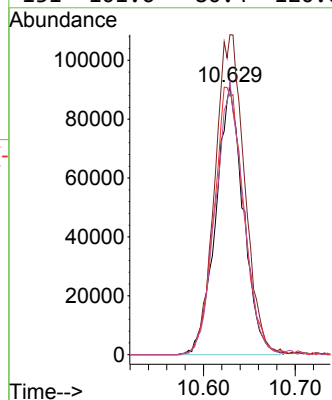
Ion Ratio Lower Upper

164 100

166 119.1 101.1 151.7

129 96.0 81.7 122.5

131 101.6 80.4 120.6



#53

Toluene

Concen: 2.592 ppbv

RT: 9.233 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VL041292.D

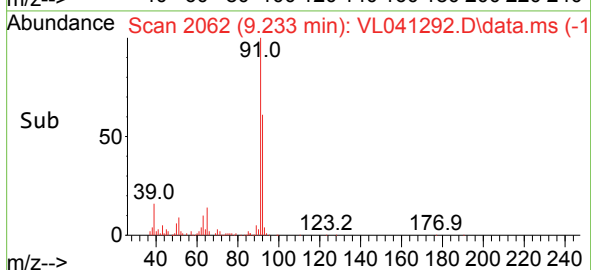
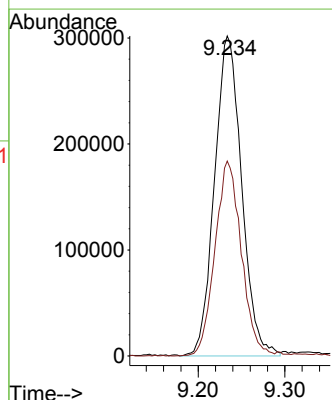
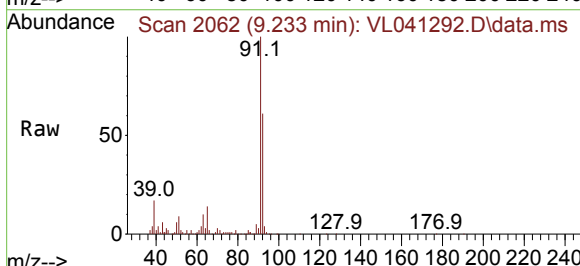
Acq: 24 May 2024 15:43

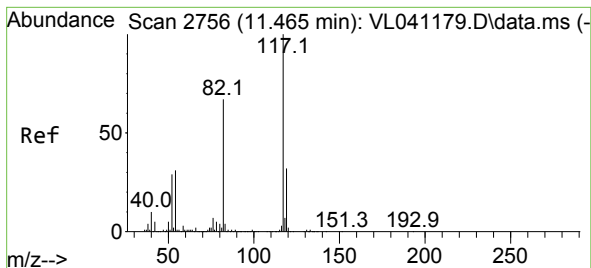
Tgt Ion: 91 Resp: 656564

Ion Ratio Lower Upper

91 100

92 60.4 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

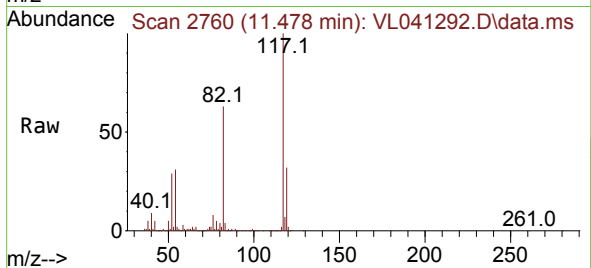
Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

ClientSampleId :



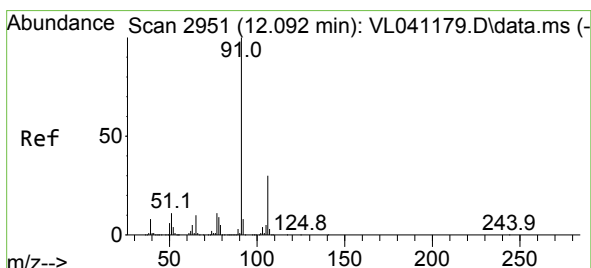
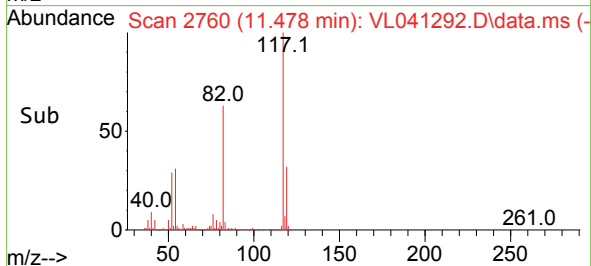
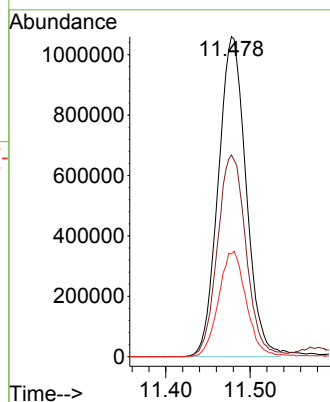
Tgt Ion:117 Resp: 2423584

Ion Ratio Lower Upper

117 100

82 65.1 53.6 80.4

119 33.0 27.2 40.8



#58

Ethyl Benzene

Concen: 0.188 ppbv

RT: 12.102 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VL041292.D

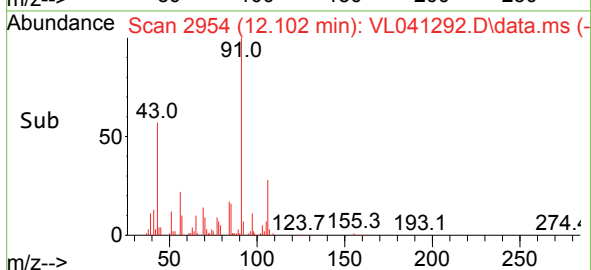
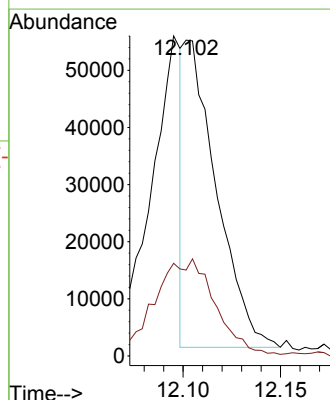
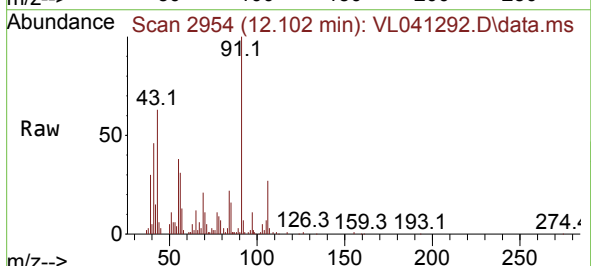
Acq: 24 May 2024 15:43

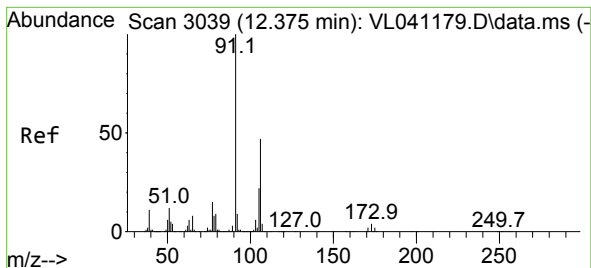
Tgt Ion: 91 Resp: 62477

Ion Ratio Lower Upper

91 100

106 27.5 24.3 36.5





#59

m/p-Xylene

Concen: 0.948 ppbv

RT: 12.356 min Scan# 3033

Delta R.T. -0.022 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

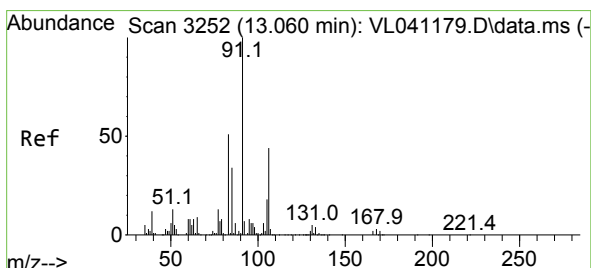
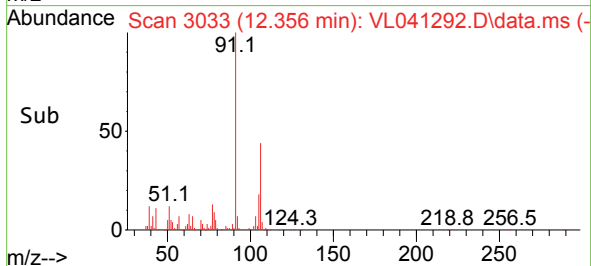
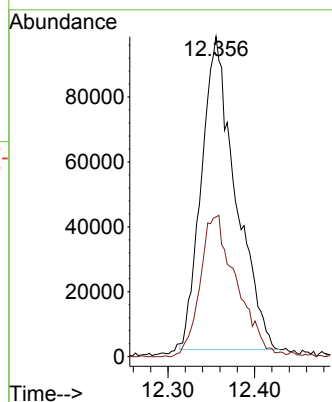
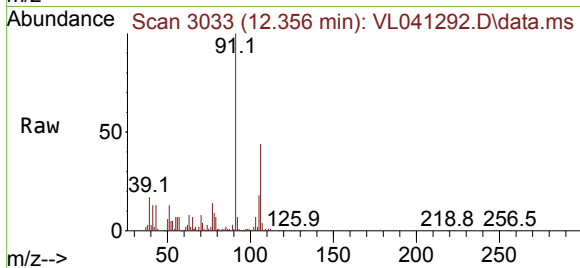
ClientSampleId :

Tgt Ion: 91 Resp: 264918

Ion Ratio Lower Upper

91 100

106 48.9 35.7 53.5



#60

o-Xylene

Concen: 0.600 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.013 min

Lab File: VL041292.D

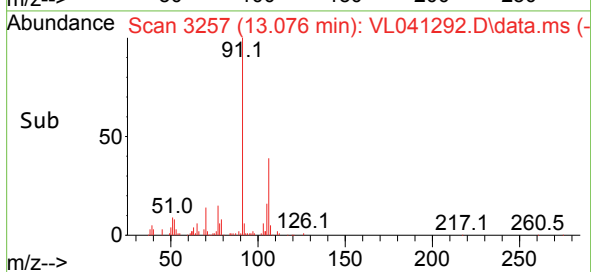
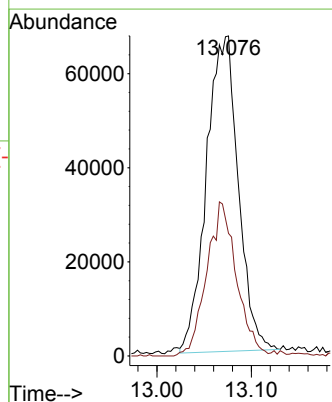
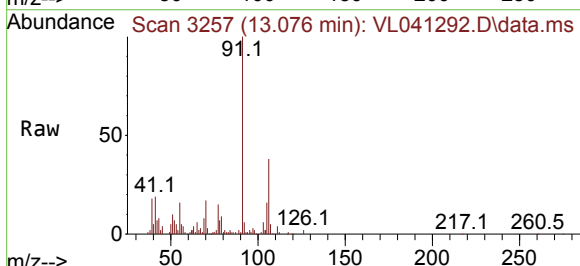
Acq: 24 May 2024 15:43

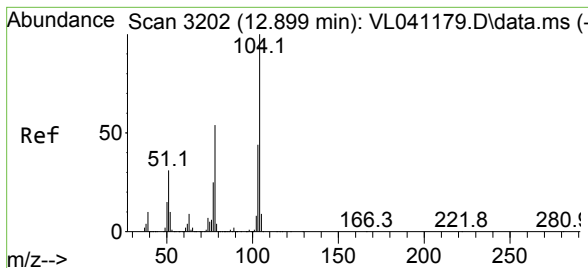
Tgt Ion: 91 Resp: 157111

Ion Ratio Lower Upper

91 100

106 46.5 22.4 67.3





#61

Styrene

Concen: 0.098 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

ClientSampleId :

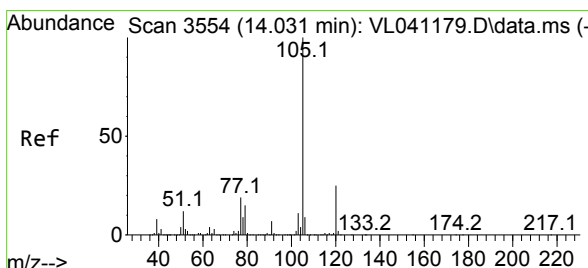
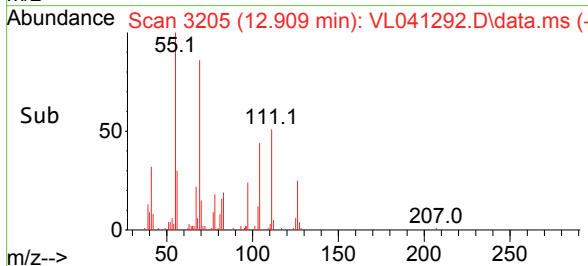
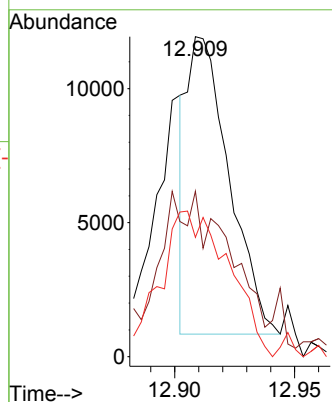
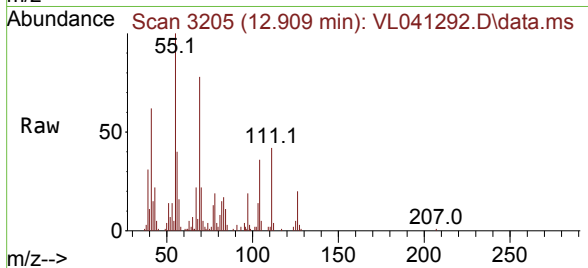
Tgt Ion:104 Resp: 13519

Ion Ratio Lower Upper

104 100

78 115.0 42.6 63.8#

103 84.2 38.4 57.6#



#62

Isopropylbenzene

Concen: 0.104 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.007 min

Lab File: VL041292.D

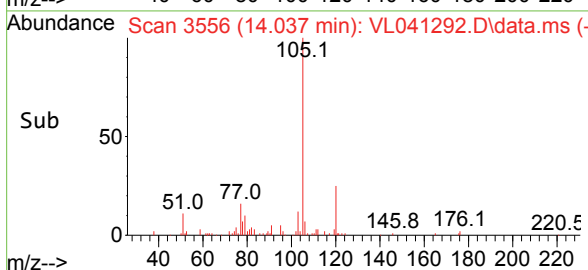
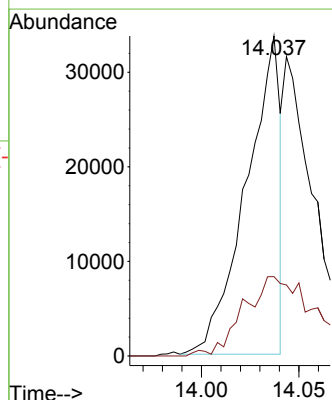
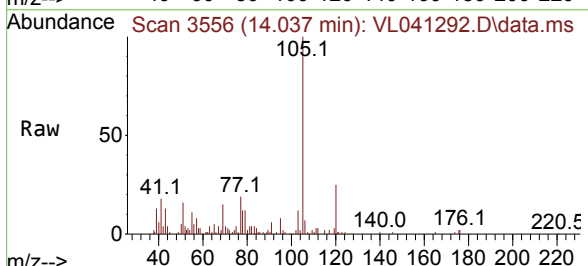
Acq: 24 May 2024 15:43

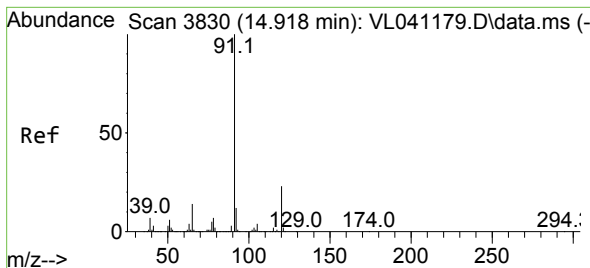
Tgt Ion:105 Resp: 40688

Ion Ratio Lower Upper

105 100

120 50.9 20.2 30.2#





#64

n-propylbenzene

Concen: 0.079 ppbv

RT: 14.928 min Scan# 3833

Delta R.T. 0.010 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

Instrument :

MSVOA_L

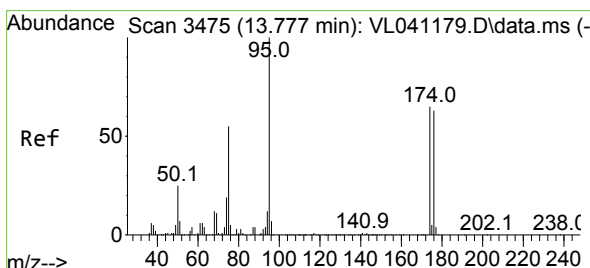
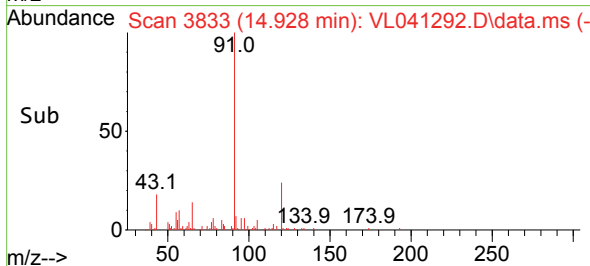
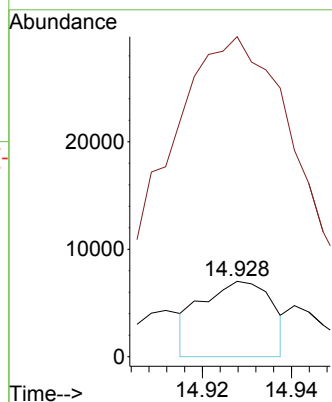
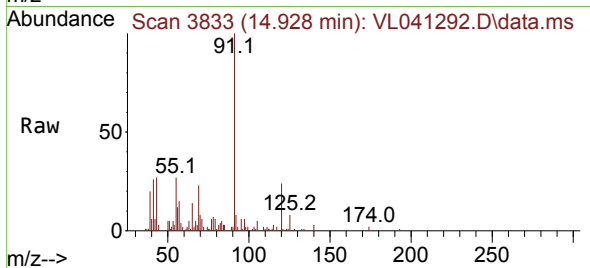
ClientSampleId :

Tgt Ion:120 Resp: 7749

Ion Ratio Lower Upper

120 100

91 938.9 384.8 577.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.502 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.007 min

Lab File: VL041292.D

Acq: 24 May 2024 15:43

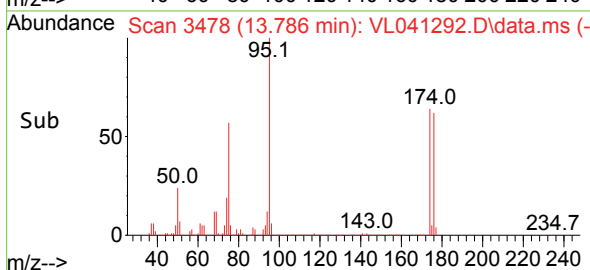
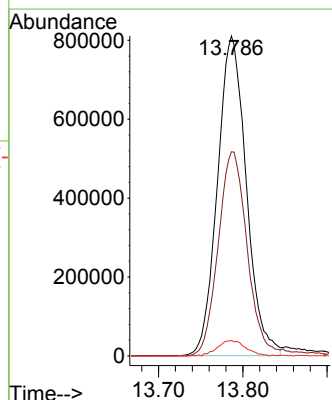
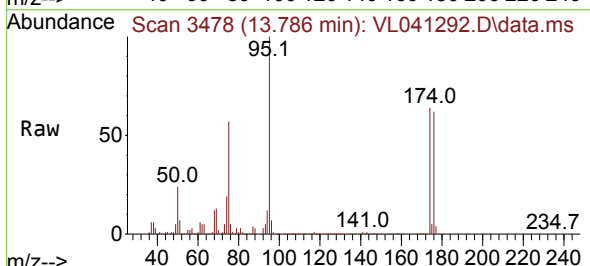
Tgt Ion: 95 Resp: 1921471

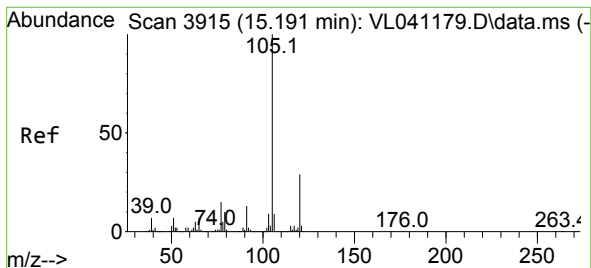
Ion Ratio Lower Upper

95 100

174 66.1 53.6 80.4

175 5.0 4.2 6.4

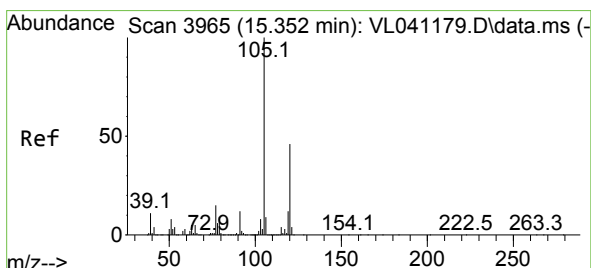
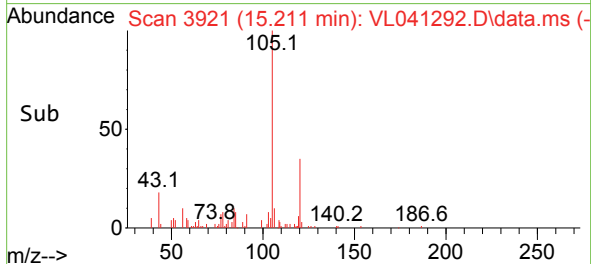
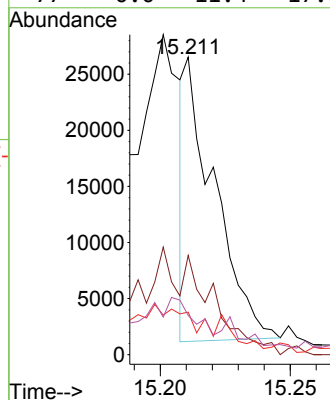
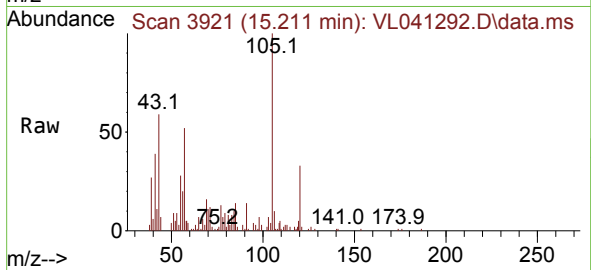




#72
4-Ethyltoluene
Concen: 0.068 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.013 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

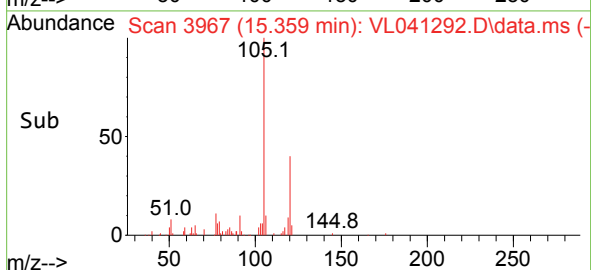
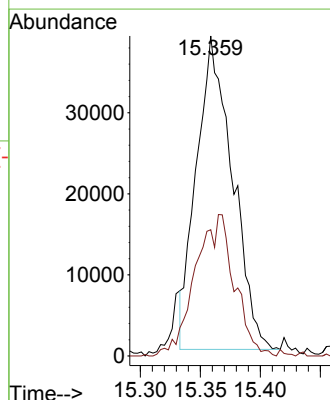
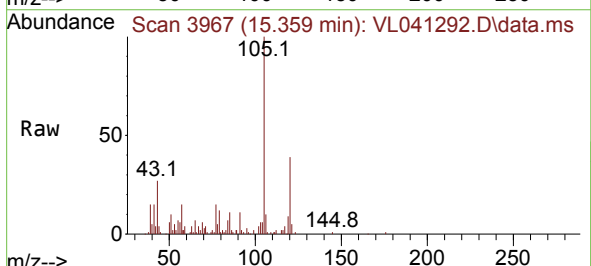
Instrument :
MSVOA_L
ClientSampleId :

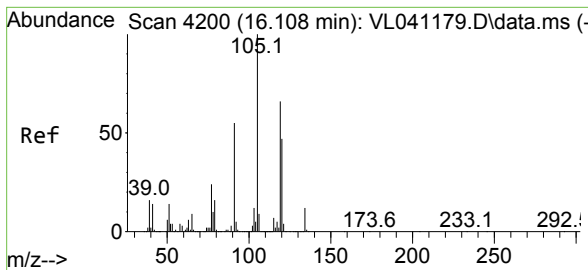
Tgt Ion:	105	Resp:	20202
Ion Ratio	Lower	Upper	
105	100		
120	0.0	24.7	37.1#
91	0.0	10.3	15.5#
77	0.0	11.4	17.0#



#73
1,3,5-Trimethylbenzene
Concen: 0.300 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VL041292.D
Acq: 24 May 2024 15:43

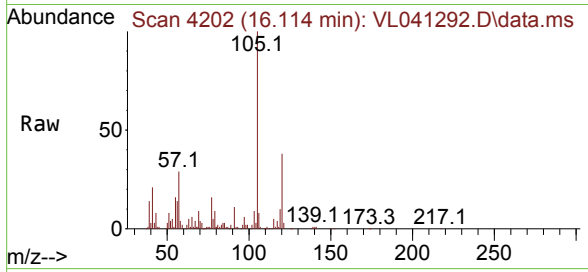
Tgt Ion:	105	Resp:	80543
Ion Ratio	Lower	Upper	
105	100		
120	38.2	37.0	55.4





#74
 1,2,4-Trimethylbenzene
 Concen: 1.006 ppbv
 RT: 16.114 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041292.D
 Acq: 24 May 2024 15:43

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	294915
Ion	Ratio	Lower	Upper
105	100		
120	38.3	37.8	56.6
91	10.6	44.3	66.5#
77	14.8	19.0	28.4#

