

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041565.D
 Acq On : 21 Aug 2024 13:09
 Operator : SY/MD
 Sample : P3679-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 01:11:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1034493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2689098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2442872	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1918941	10.207	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	35738	0.201	ppbv	93
3) Chlorodifluoromethane	2.668	51	244131	1.982	ppbv #	75
4) Chloromethane	2.832	50	55526	0.848	ppbv	95
6) Bromomethane	3.131	94	7594	0.229	ppbv	87
7) Chloroethane	3.211	64	1514	0.068	ppbv #	75
9) Propene	2.719	41	66250	1.171	ppbv #	82
10) Heptane	7.578	43	72339	0.569	ppbv	98
11) Trichlorofluoromethane	3.571	101	86635	0.548	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.073	101	7655	0.067	ppbv	90
13) Ethanol	3.263	45	12754437	2522.447	ppbv	90
15) Acetone	3.475	43	4105338	34.927	ppbv	98
16) 1,3-Butadiene	2.980	39	35754	0.569	ppbv #	38
17) tert-Butyl alcohol	3.906	59	41603	0.388	ppbv #	72
19) Isopropyl Alcohol	3.604	45	1695050	24.667	ppbv #	1
20) Methylene Chloride	3.941	84	65548	1.495	ppbv	91
21) Allyl Chloride	3.960	41	15903	0.206	ppbv #	13
23) Vinyl Acetate	4.623	43	260110	2.898	ppbv #	70
25) Ethyl Acetate	5.214	43	279985	1.199	ppbv #	96
26) Hexane	5.218	57	176100	1.818	ppbv #	70
27) Carbon Disulfide	4.134	76	12883	0.114	ppbv #	29
29) Chloroform	5.279	83	403905	2.556	ppbv	95
30) Cyclohexane	6.610	84	6538	0.083	ppbv #	1
34) 2-Butanone	4.793	43	362482	2.787	ppbv	97
35) Carbon Tetrachloride	6.491	117	6026	0.041	ppbv #	84
36) Benzene	6.372	78	104435	0.531	ppbv	97
39) 1,2-Dichloropropane	6.652	63	665955	8.853	ppbv #	25
41) Tetrahydrofuran	5.558	42	21974	0.295	ppbv #	82
42) Bromodichloromethane	7.253	83	6472	0.041	ppbv #	60
43) Methyl Methacrylate	7.475	69	6503	0.092	ppbv #	27
44) 2,2,4-Trimethylpentane	7.330	57	40274	0.123	ppbv #	15
50) 4-Methyl-2-Pentanone	8.185	43	40884	0.199	ppbv #	44
51) 2-Hexanone	9.552	43	60666	0.391	ppbv #	98
53) Toluene	9.214	91	929690	4.248	ppbv	99
58) Ethyl Benzene	12.082	91	170291	0.605	ppbv	96
59) m/p-Xylene	12.336	91	493909	2.032	ppbv	95
60) o-Xylene	13.050	91	191753	0.834	ppbv	100
61) Styrene	12.896	104	24161	0.233	ppbv #	12
64) n-propylbenzene	14.912	120	7044	0.077	ppbv #	1
65) tert-Butylbenzene	16.101	119	33880	0.107	ppbv #	49
69) p-Isopropyltoluene	16.989	119	43411	0.120	ppbv	95
71) 2-Chlorotoluene	14.902	91	40954	0.159	ppbv #	44
72) 4-Ethyltoluene	15.182	105	84413	0.312	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.346	105	73174	0.314	ppbv	89

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Quant Time: Aug 22 01:11:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

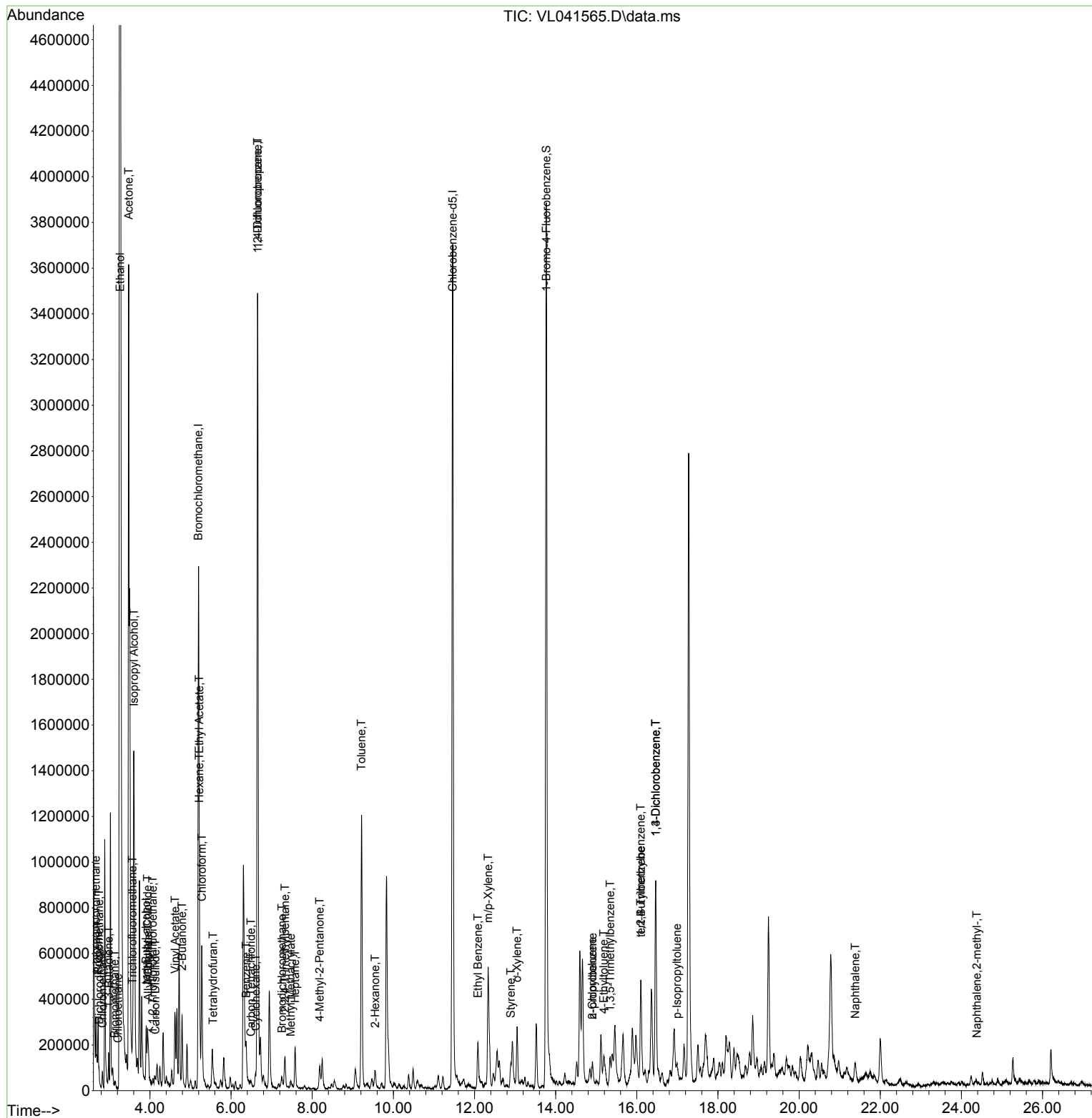
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) 1,2,4-Trimethylbenzene	16.098	105	296379	1.093	ppbv #	73
75) 1,3-Dichlorobenzene	16.468	146	123755	0.726	ppbv	97
76) 1,4-Dichlorobenzene	16.468	146	123755	0.750	ppbv	97
79) Naphthalene	21.381	128	33783	0.141	ppbv	97
80) Naphthalene,2-methyl-	24.381	142	7285	0.036	ppbv #	85

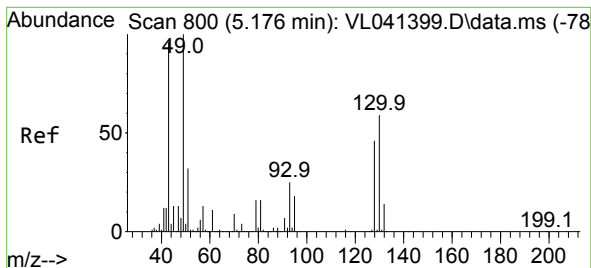
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.195 min Scan# 80

Delta R.T. 0.000 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

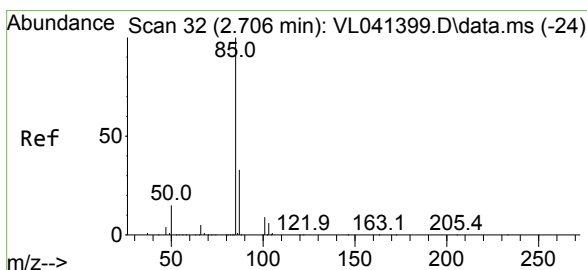
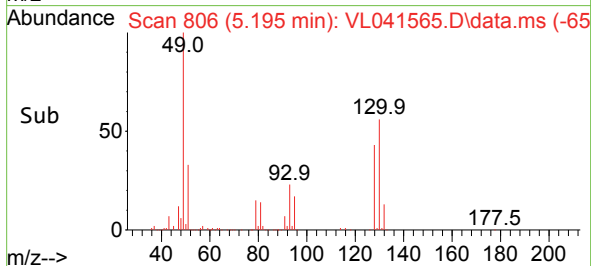
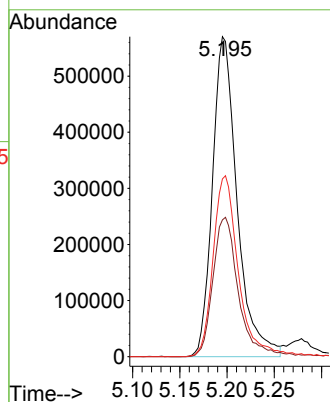
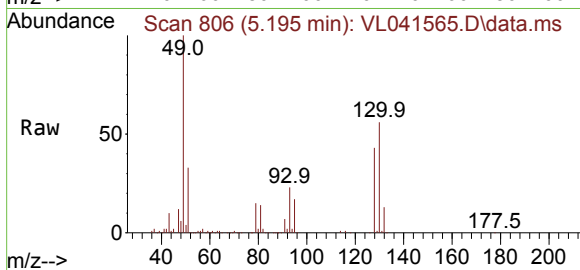
Tgt Ion: 49 Resp: 1034493

Ion Ratio Lower Upper

49 100

128 46.0 23.8 71.4

130 58.8 30.8 92.4



#2

Dichlorodifluoromethane

Concen: 0.201 ppbv

RT: 2.748 min Scan# 45

Delta R.T. 0.007 min

Lab File: VL041565.D

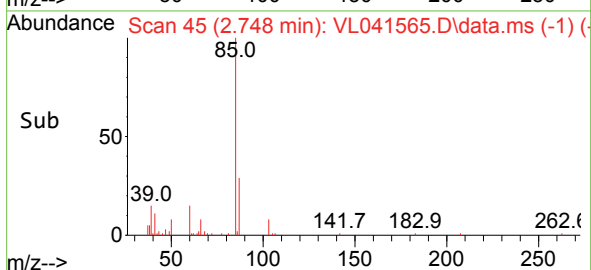
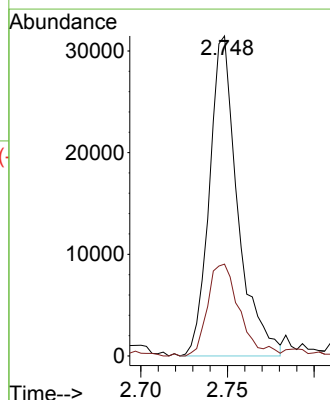
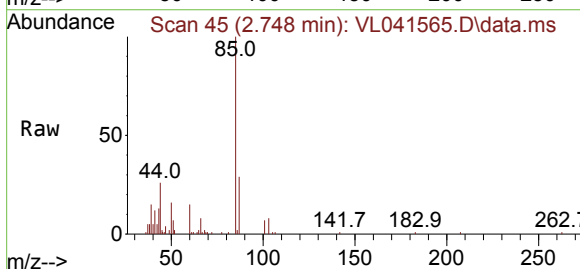
Acq: 21 Aug 2024 13:09

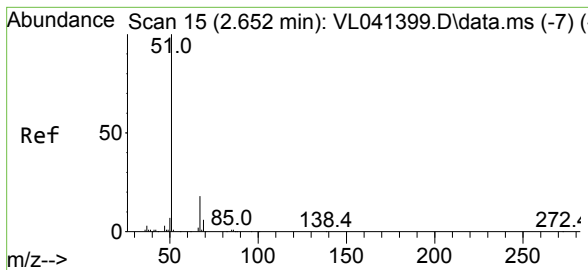
Tgt Ion: 85 Resp: 35738

Ion Ratio Lower Upper

85 100

87 28.7 26.0 39.0

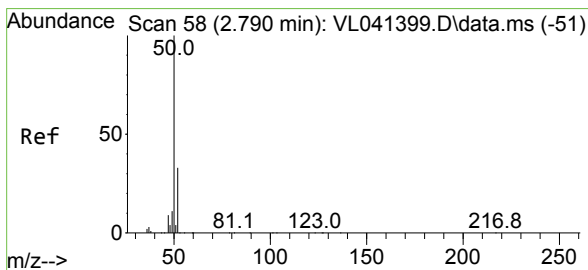
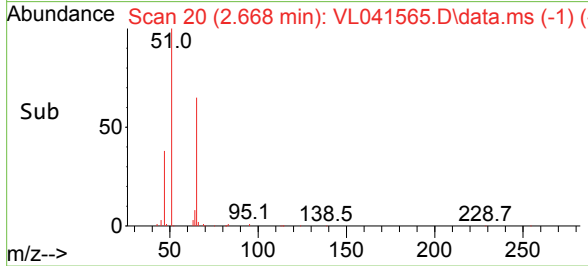
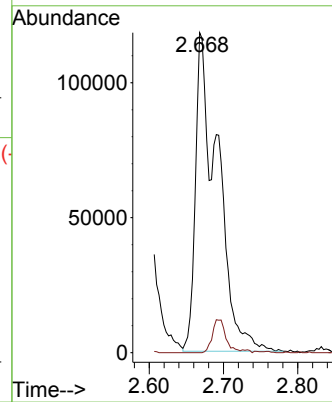
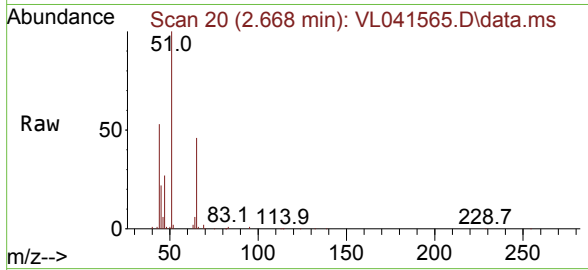




#3
Chlorodifluoromethane
Concen: 1.982 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.019 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

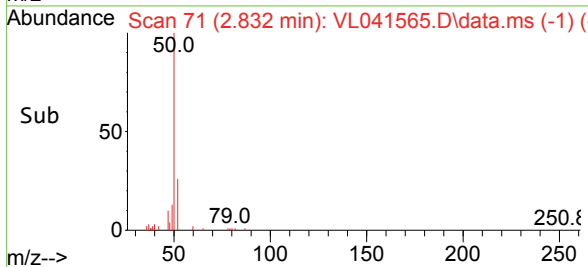
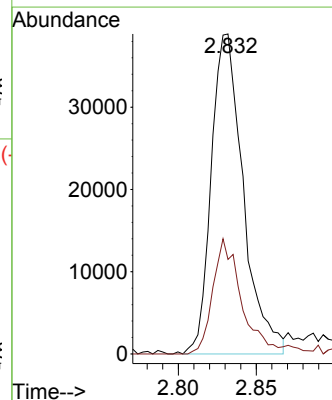
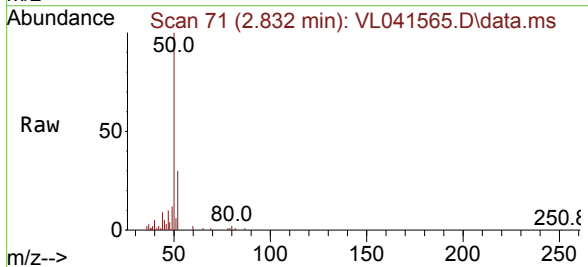
Instrument :
MSVOA_L
ClientSampleId :

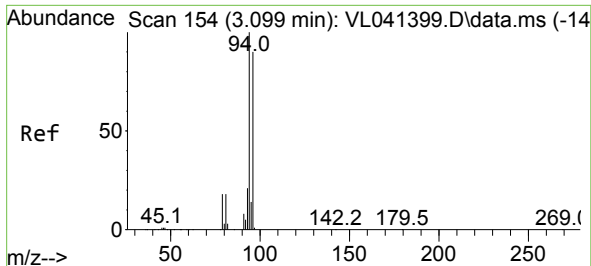
Tgt Ion: 51 Resp: 244131
Ion Ratio Lower Upper
51 100
67 6.9 14.5 21.7#



#4
Chloromethane
Concen: 0.848 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 50 Resp: 55526
Ion Ratio Lower Upper
50 100
52 29.5 26.1 39.1

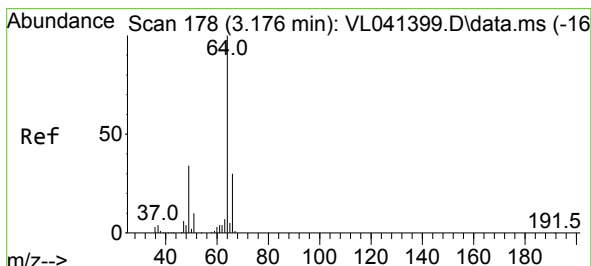
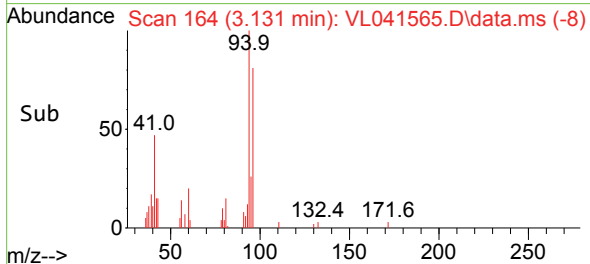
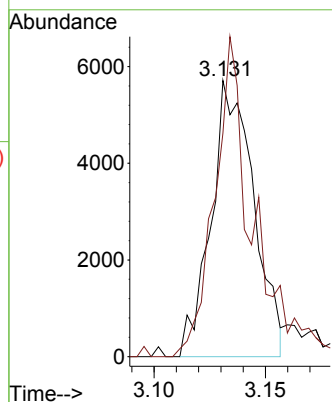
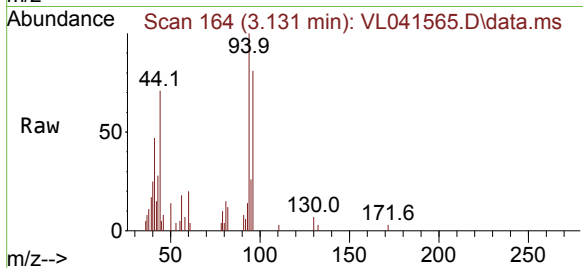




#6
Bromomethane
Concen: 0.229 ppbv
RT: 3.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

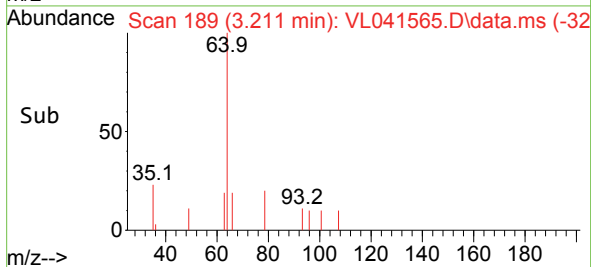
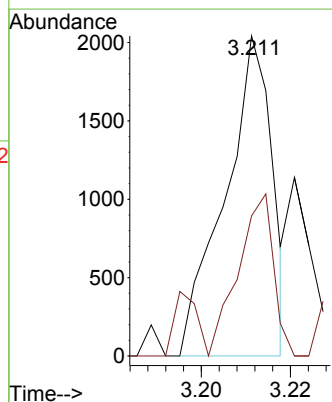
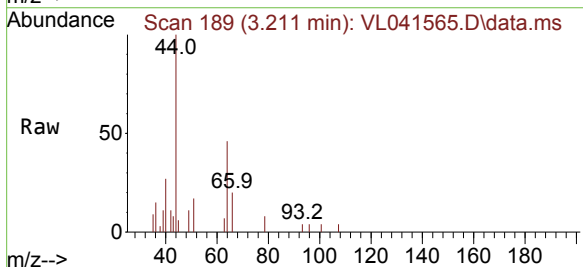
Instrument :
MSVOA_L
ClientSampleId :

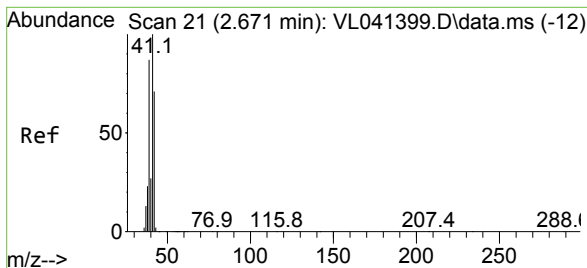
Tgt Ion: 94 Resp: 7594
Ion Ratio Lower Upper
94 100
96 78.0 72.3 108.5



#7
Chloroethane
Concen: 0.068 ppbv
RT: 3.211 min Scan# 189
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 64 Resp: 1514
Ion Ratio Lower Upper
64 100
66 43.8 24.2 36.2#





#9

Propene

Concen: 1.171 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.013 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

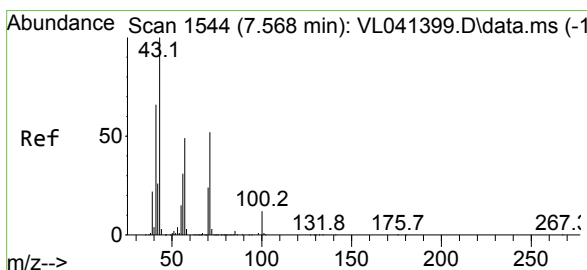
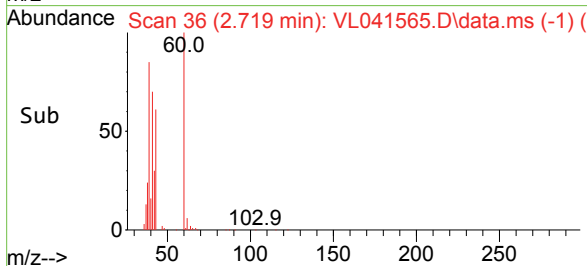
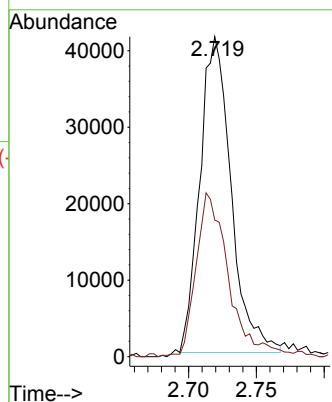
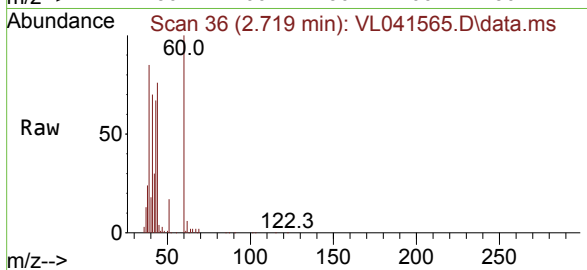
ClientSampleId :

Tgt Ion: 41 Resp: 66250

Ion Ratio Lower Upper

41 100

42 55.0 55.9 83.9#



#10

Heptane

Concen: 0.569 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL041565.D

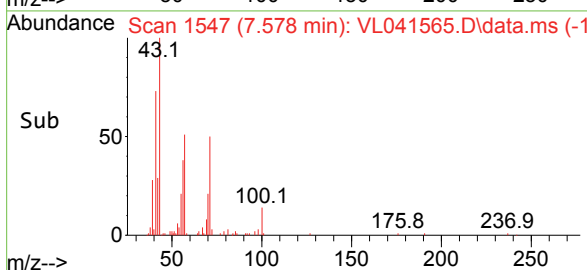
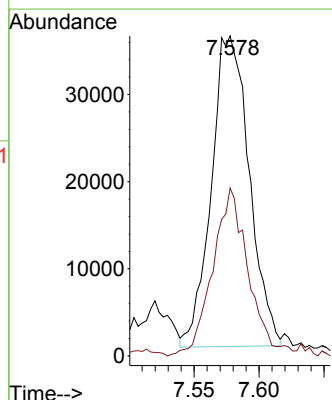
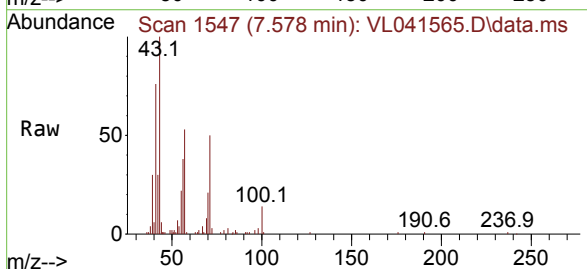
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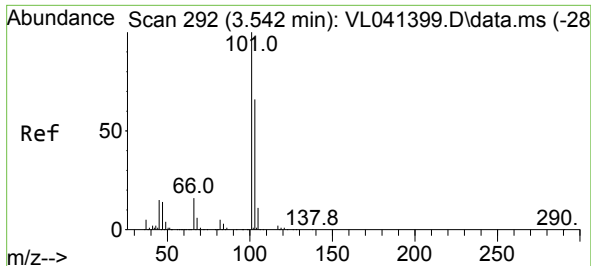
Tgt Ion: 43 Resp: 72339

Ion Ratio Lower Upper

43 100

57 51.9 40.5 60.7

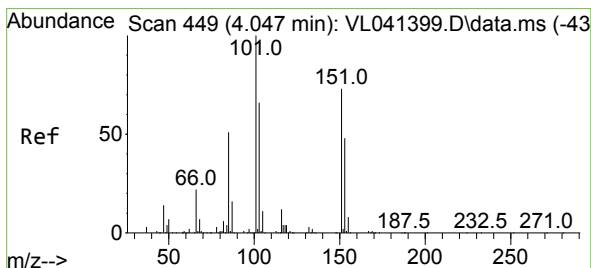
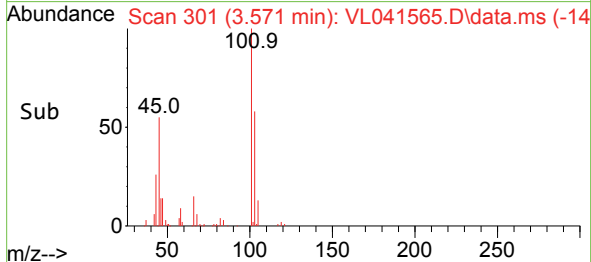
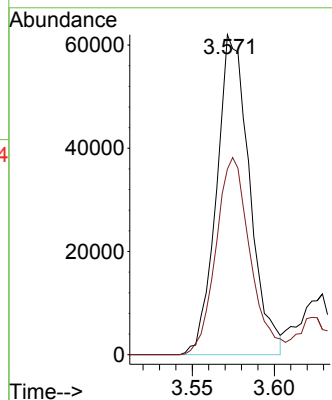
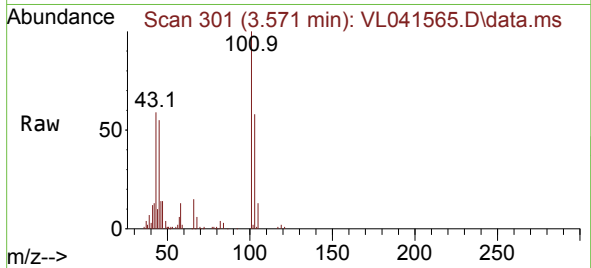




#11
 Trichlorofluoromethane
 Concen: 0.548 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

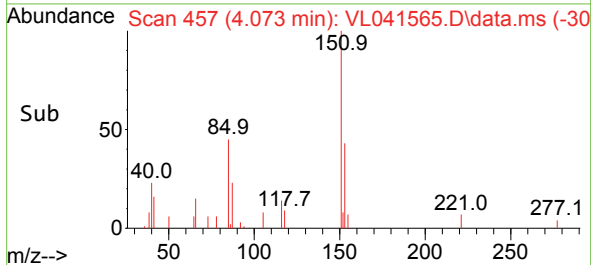
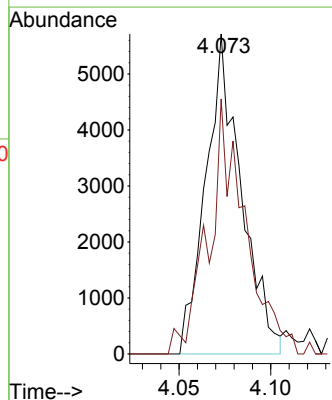
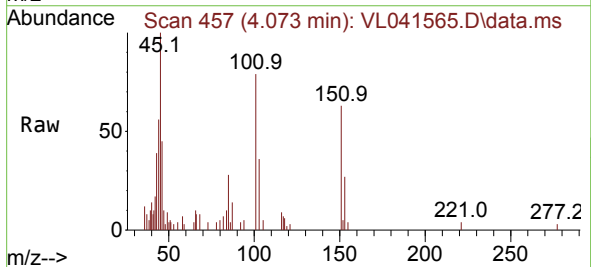
Instrument :
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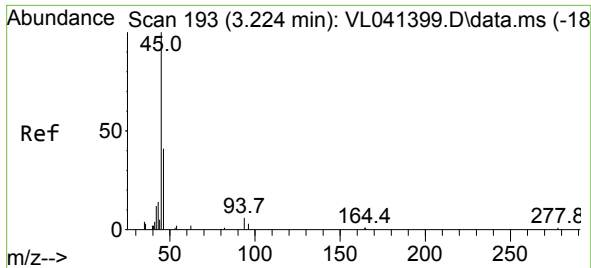
Tgt Ion:101 Resp: 86635
 Ion Ratio Lower Upper
 101 100
 103 58.0 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.067 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.003 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

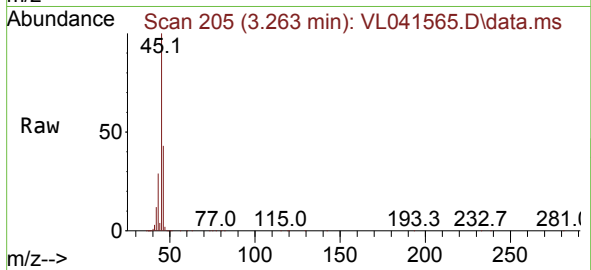
Tgt Ion:101 Resp: 7655
 Ion Ratio Lower Upper
 101 100
 151 82.4 59.4 89.2



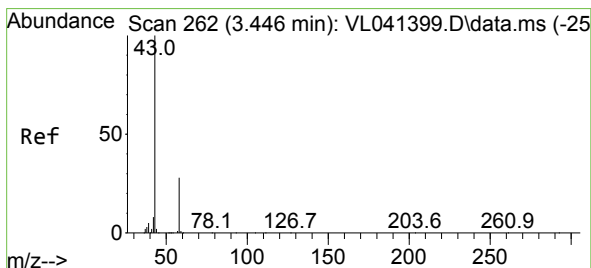
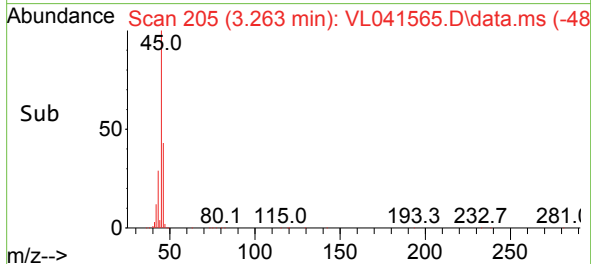
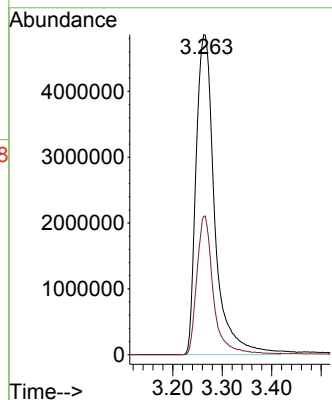


#13
Ethanol
Concen: 2522.447 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :

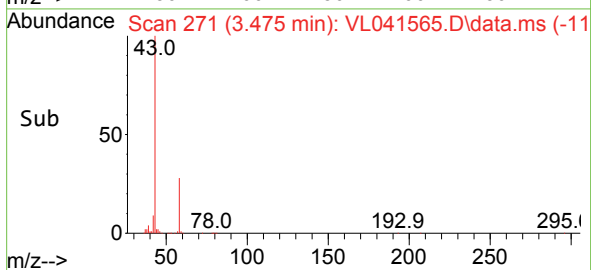
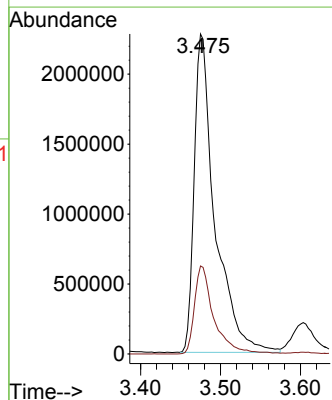
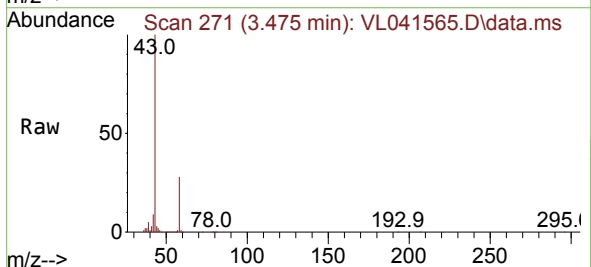


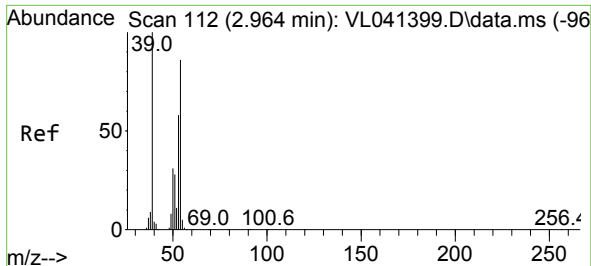
Tgt Ion: 45 Resp:12754437
Ion Ratio Lower Upper
45 100
46 39.0 13.4 53.4



#15
Acetone
Concen: 34.927 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 43 Resp: 4105338
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.2

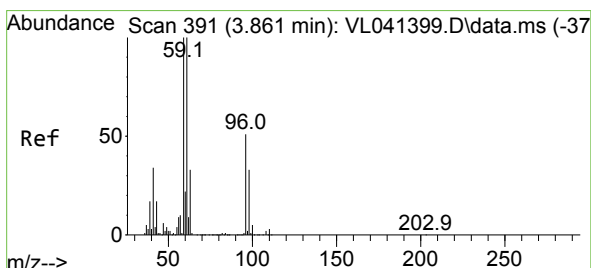
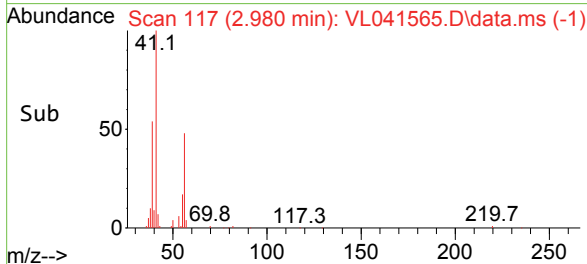
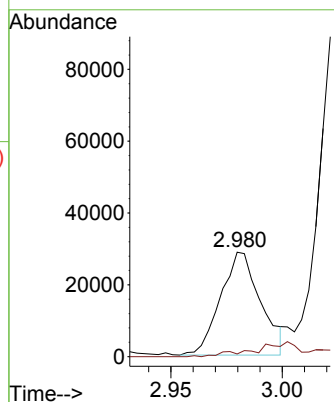
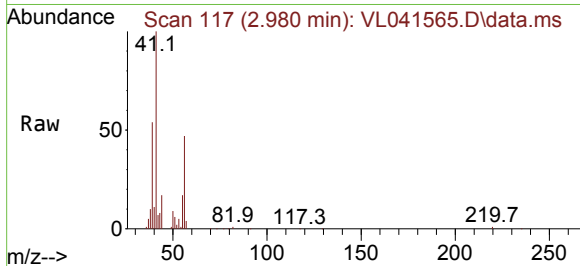




#16
1,3-Butadiene
Concen: 0.569 ppbv
RT: 2.980 min Scan# 112
Delta R.T. -0.016 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

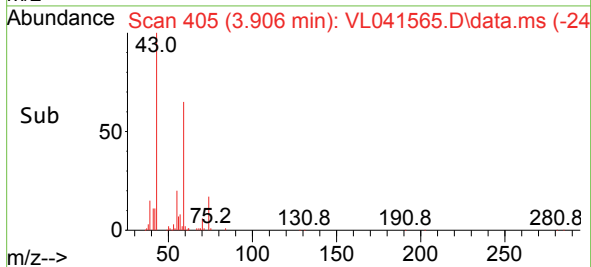
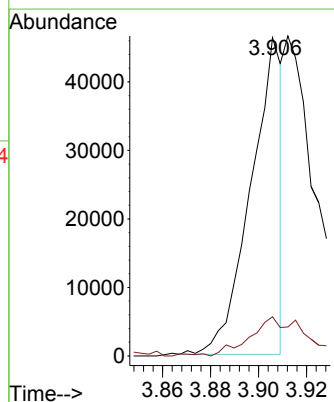
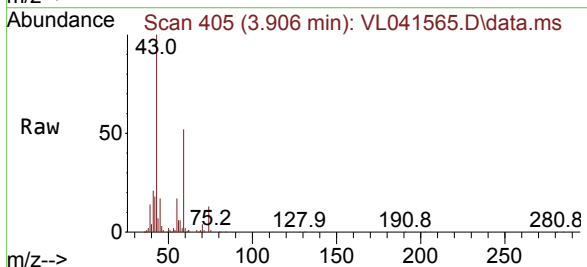
Instrument :
MSVOA_L
ClientSampleId :

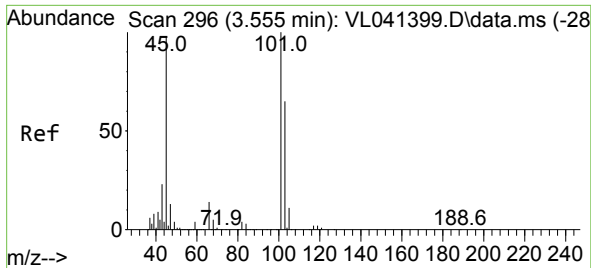
Tgt Ion: 39 Resp: 35754
Ion Ratio Lower Upper
39 100
54 24.2 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.388 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.023 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 59 Resp: 41603
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

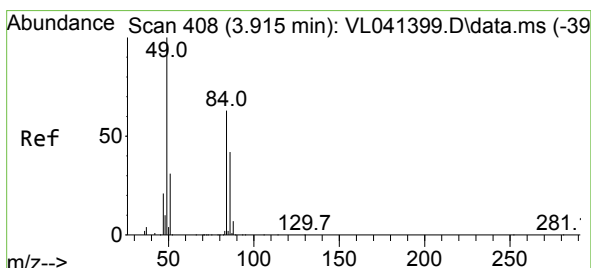
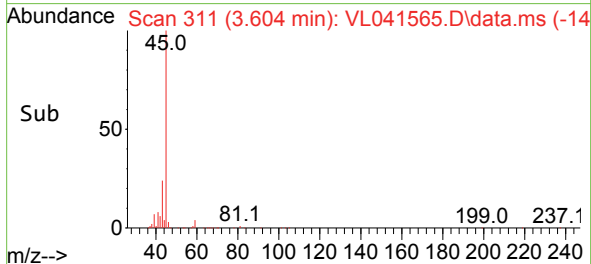
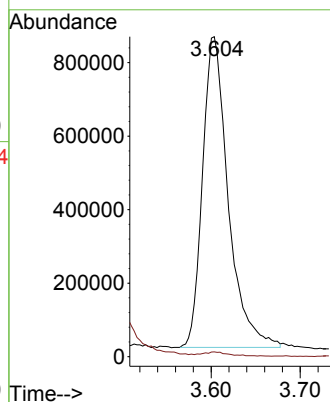
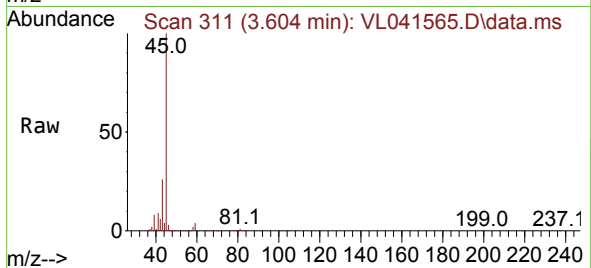




#19
Isopropyl Alcohol
Concen: 24.667 ppbv
RT: 3.604 min Scan# 311
Delta R.T. 0.019 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

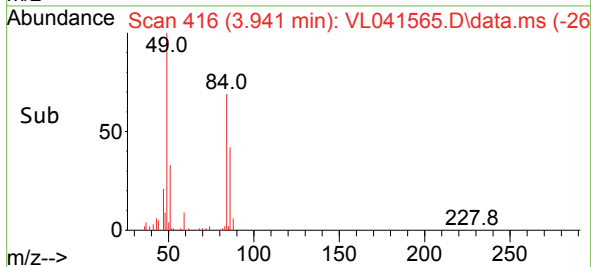
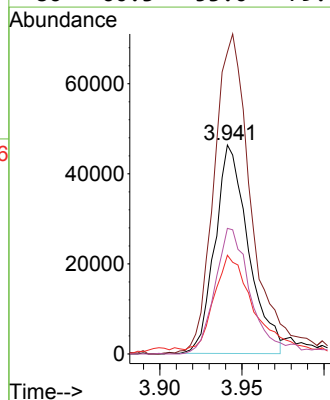
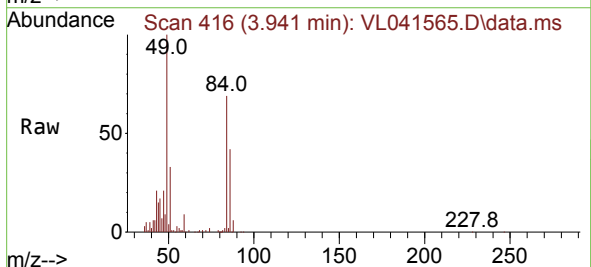
Instrument :
MSVOA_L
ClientSampleId :

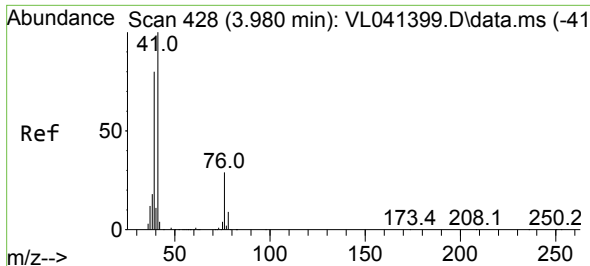
Tgt Ion: 45 Resp: 1695050
Ion Ratio Lower Upper
45 100
58 62.8 1.9 2.9#



#20
Methylene Chloride
Concen: 1.495 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 84 Resp: 65548
Ion Ratio Lower Upper
84 100
49 143.4 126.6 190.0
51 44.9 38.6 58.0
86 60.3 53.0 79.4

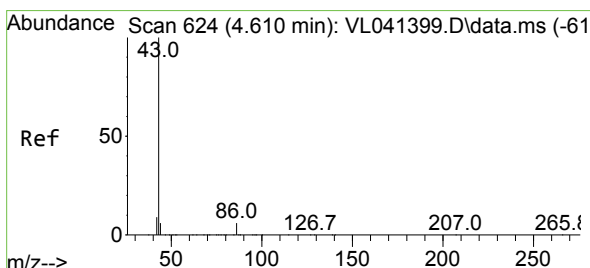
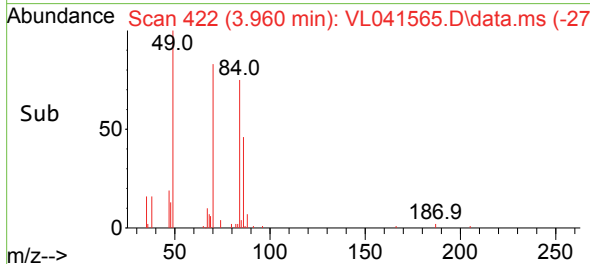
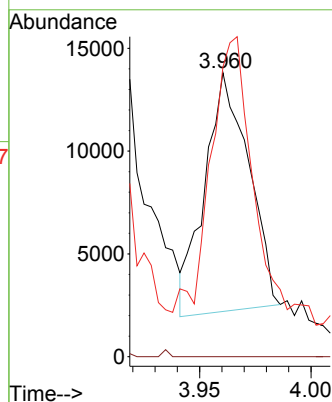
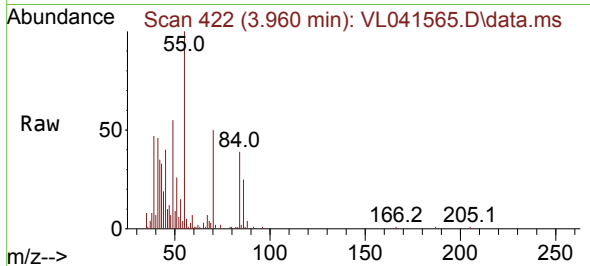




#21
 Allyl Chloride
 Concen: 0.206 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.042 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

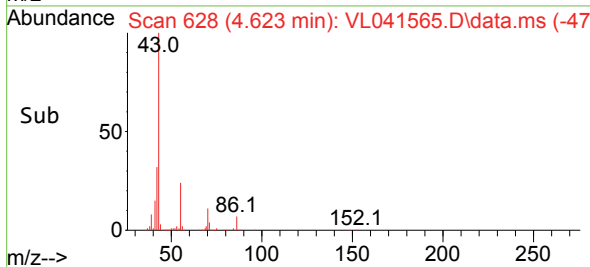
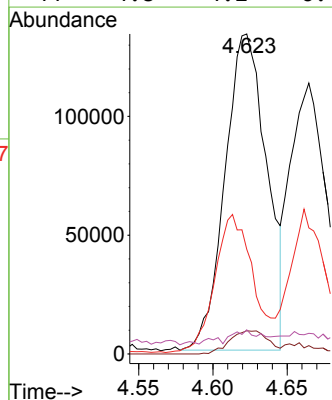
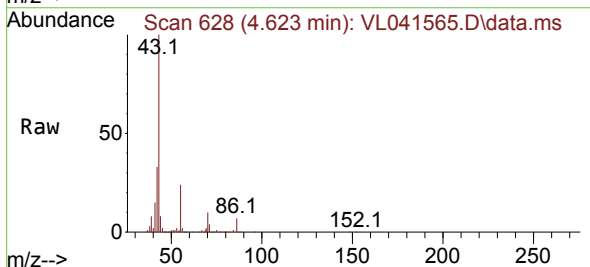
Instrument :
 MSVOA_L
 ClientSampleId :

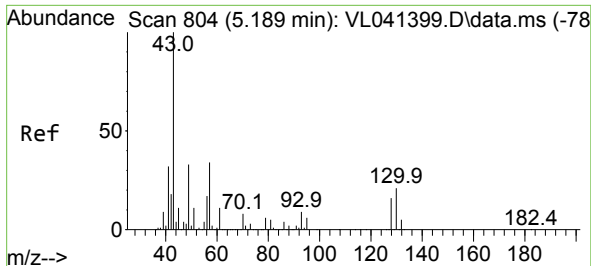
Tgt Ion: 41 Resp: 15903
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.7 35.5#
 39 167.9 64.3 96.5#



#23
 Vinyl Acetate
 Concen: 2.898 ppbv
 RT: 4.623 min Scan# 628
 Delta R.T. -0.010 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

Tgt Ion: 43 Resp: 260110
 Ion Ratio Lower Upper
 43 100
 86 7.3 4.6 6.8#
 42 32.1 7.9 11.9#
 44 4.8 4.2 6.4

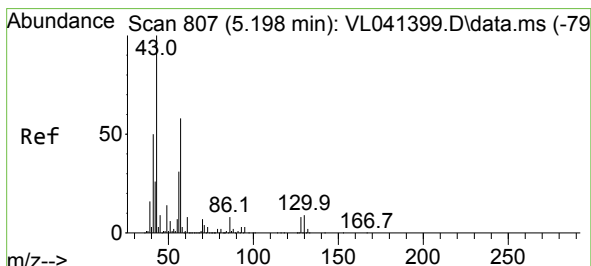
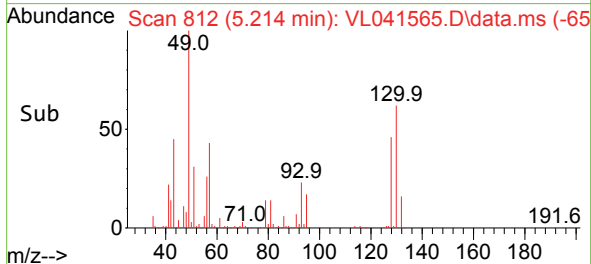
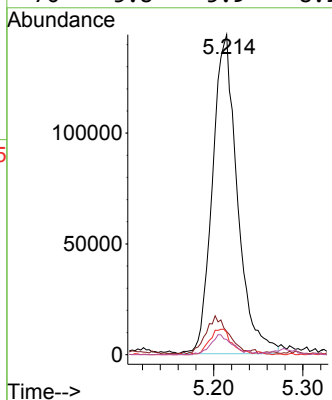
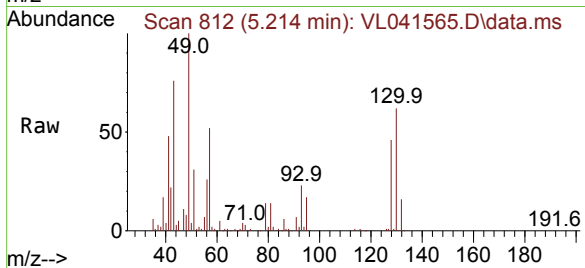




#25
Ethyl Acetate
Concen: 1.199 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.007 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

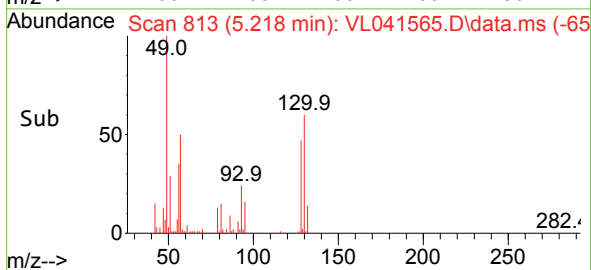
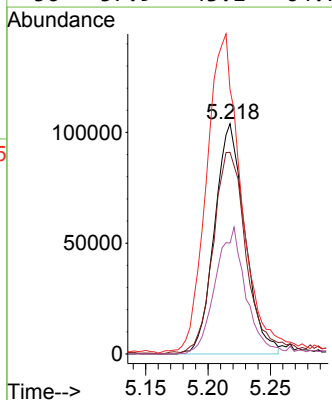
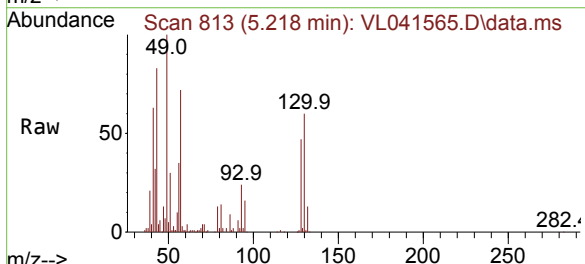
Instrument :
MSVOA_L
ClientSampleId :

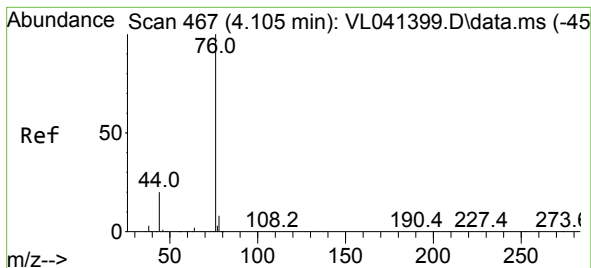
Tgt Ion: 43 Resp: 279985
Ion Ratio Lower Upper
43 100
45 10.9 8.5 12.7
61 7.5 8.0 12.0#
70 5.8 5.9 8.9#



#26
Hexane
Concen: 1.818 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 57 Resp: 176100
Ion Ratio Lower Upper
57 100
41 97.4 74.0 111.0
43 164.7 193.6 290.4#
56 57.9 43.1 64.7





#27

Carbon Disulfide

Concen: 0.114 ppbv

RT: 4.134 min Scan# 41

Delta R.T. 0.003 min

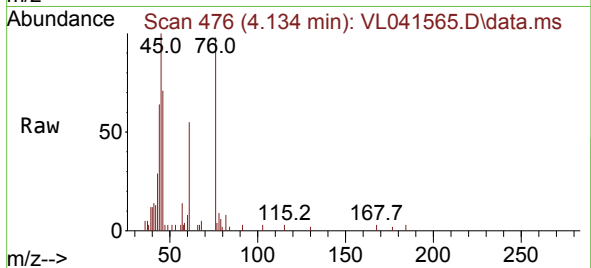
Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :



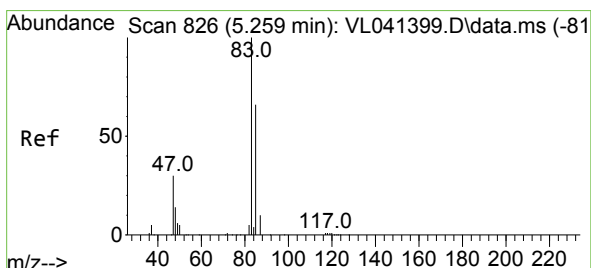
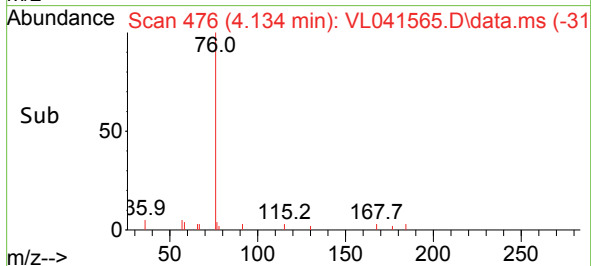
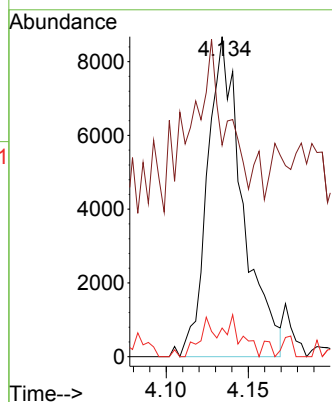
Tgt Ion: 76 Resp: 12883

Ion Ratio Lower Upper

76 100

44 64.9 15.6 23.4#

78 14.6 7.7 11.5#



#29

Chloroform

Concen: 2.556 ppbv

RT: 5.279 min Scan# 832

Delta R.T. 0.000 min

Lab File: VL041565.D

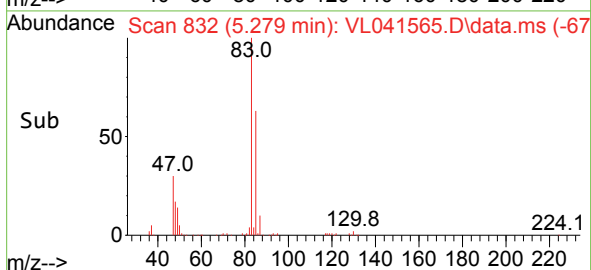
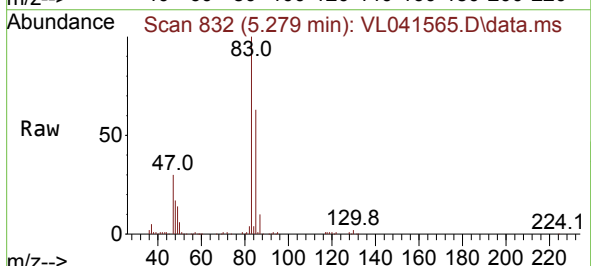
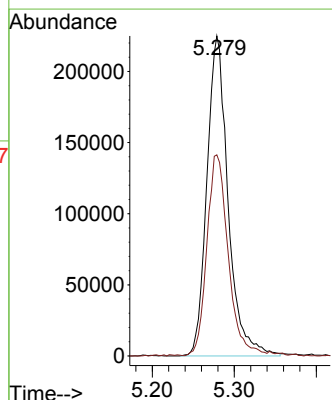
Acq: 21 Aug 2024 13:09

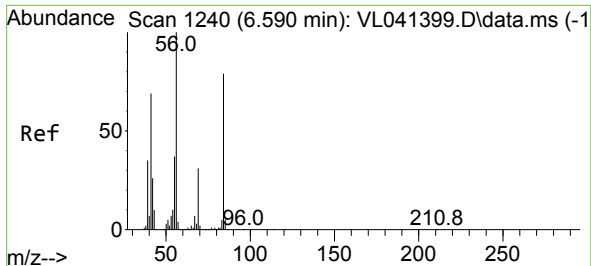
Tgt Ion: 83 Resp: 403905

Ion Ratio Lower Upper

83 100

85 62.6 53.1 79.7

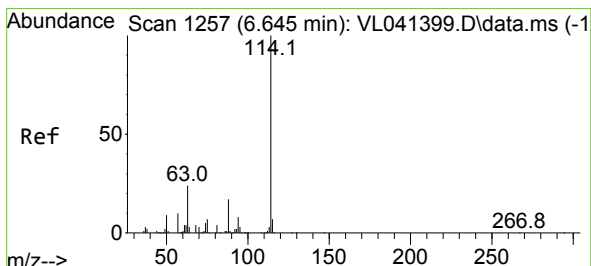
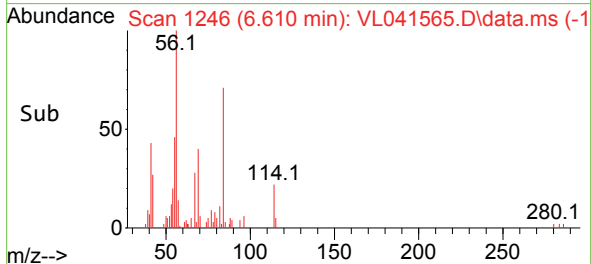
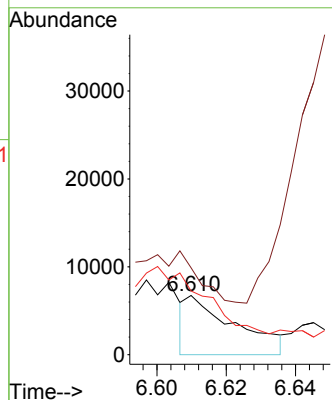
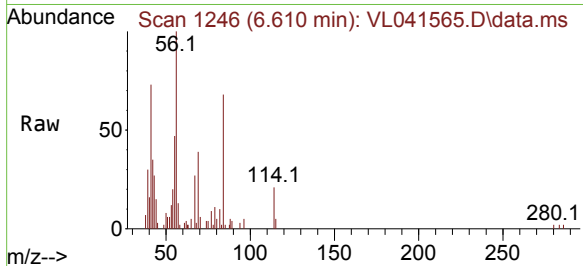




#30
Cyclohexane
Concen: 0.083 ppbv
RT: 6.610 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

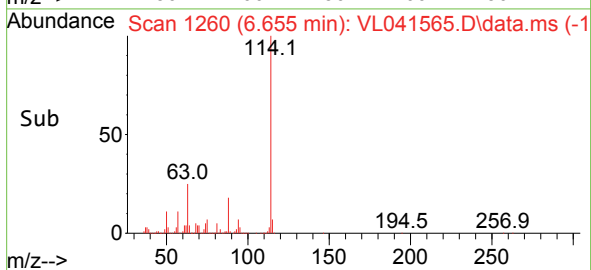
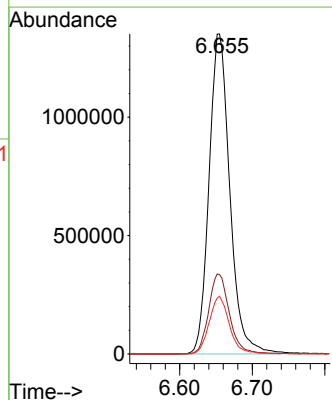
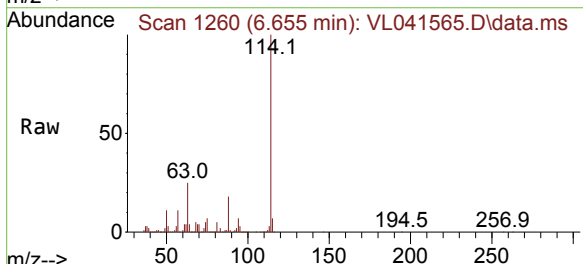
Instrument :
MSVOA_L
ClientSampleId :

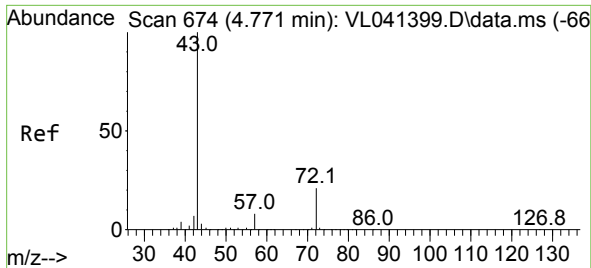
Tgt Ion: 84 Resp: 6538
Ion Ratio Lower Upper
84 100
56 459.0 111.2 166.8#
41 0.0 70.3 105.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 114 Resp: 2689098
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 17.6 14.3 21.5

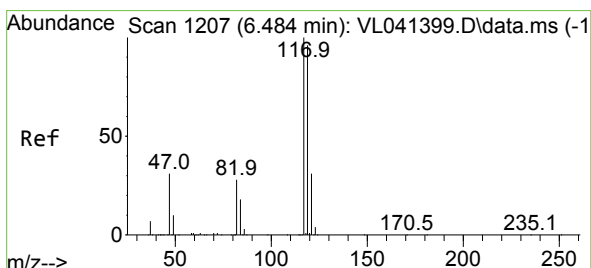
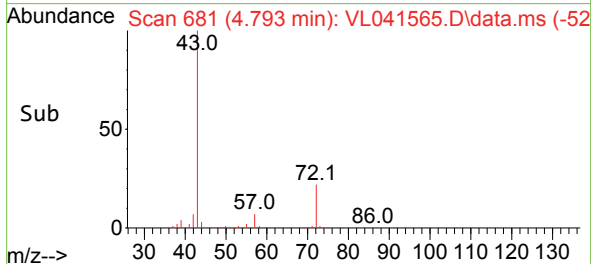
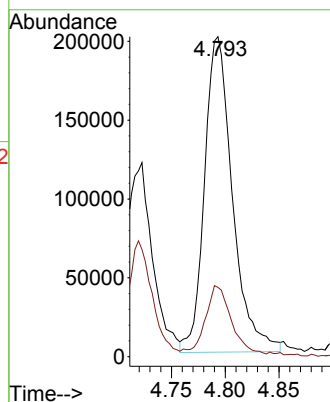
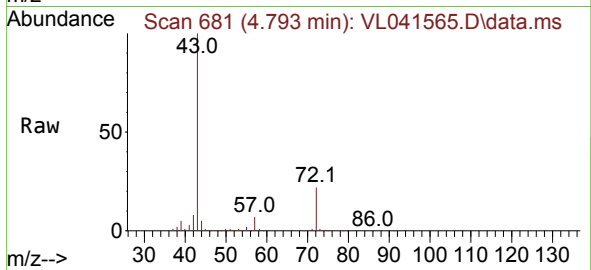




#34
2-Butanone
Concen: 2.787 ppbv
RT: 4.793 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

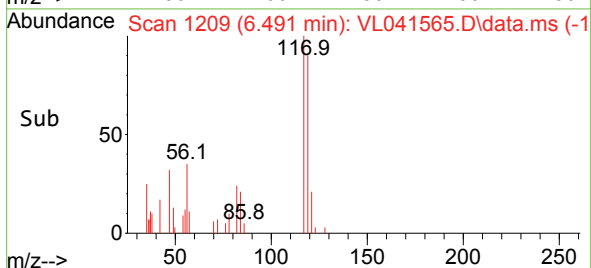
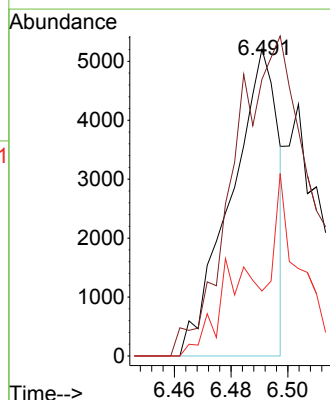
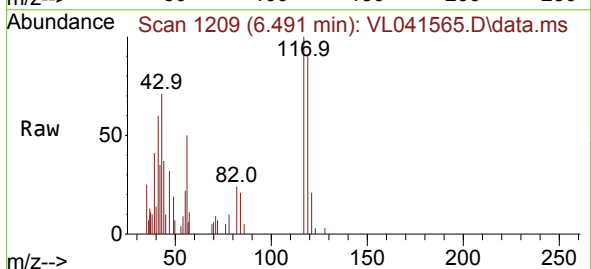
Instrument :
MSVOA_L
ClientSampleId :

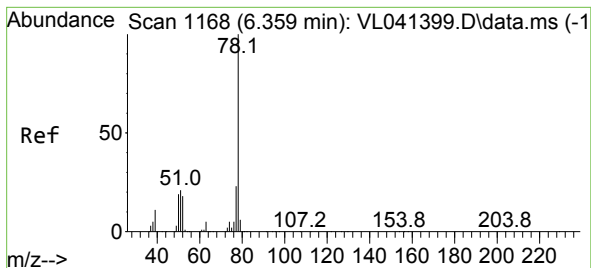
Tgt Ion: 43 Resp: 362482
Ion Ratio Lower Upper
43 100
72 23.1 17.3 25.9



#35
Carbon Tetrachloride
Concen: 0.041 ppbv
RT: 6.491 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 117 Resp: 6026
Ion Ratio Lower Upper
117 100
119 80.9 76.6 115.0
121 21.2 25.1 37.7#





#36

Benzene

Concen: 0.531 ppbv

RT: 6.372 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

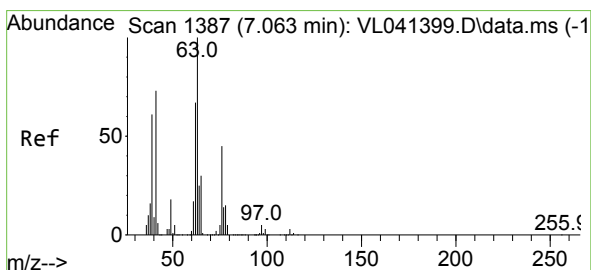
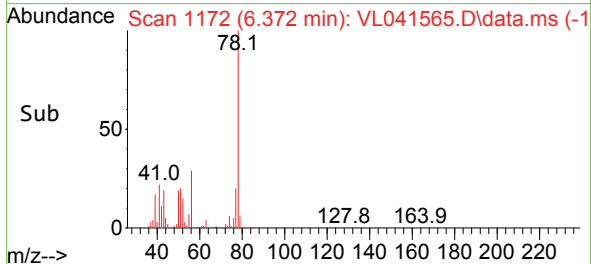
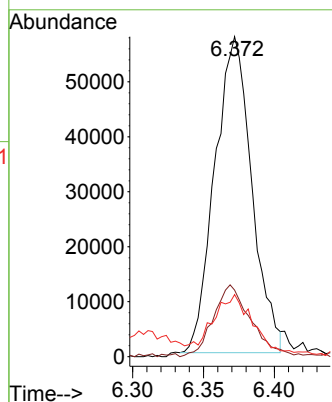
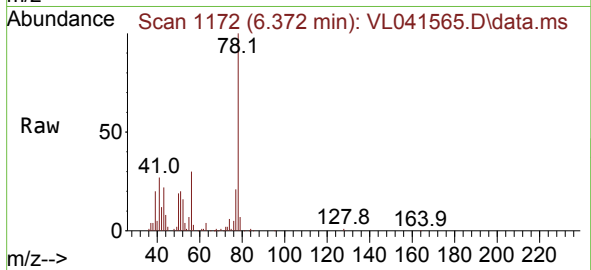
Tgt Ion: 78 Resp: 104435

Ion Ratio Lower Upper

78 100

77 21.1 18.1 27.1

50 17.8 15.5 23.3



#39

1,2-Dichloropropane

Concen: 8.853 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.424 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

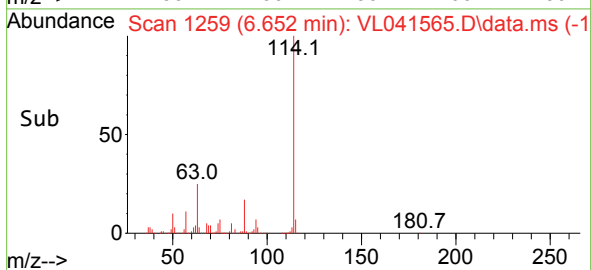
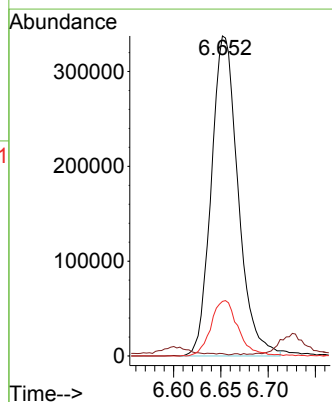
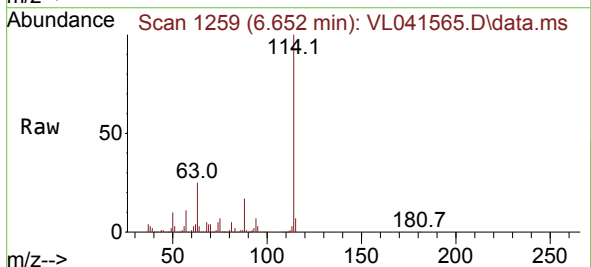
Tgt Ion: 63 Resp: 665955

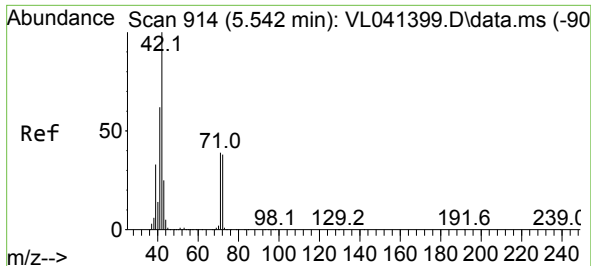
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.0 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.295 ppbv

RT: 5.558 min Scan# 914

Delta R.T. -0.003 min

Lab File: VL041565.D

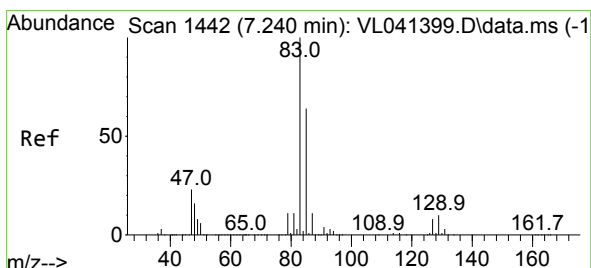
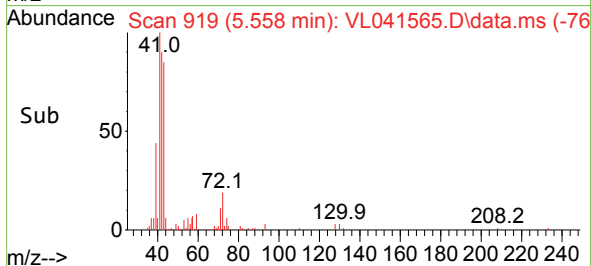
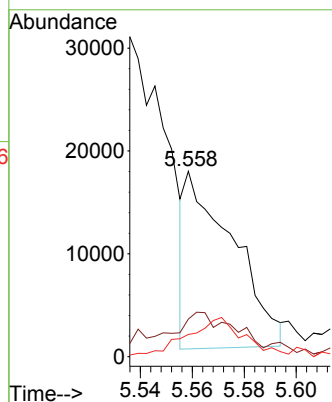
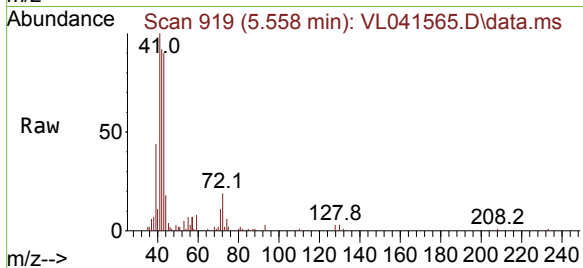
Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	21974
Ion	Ratio	Lower	Upper
42	100		
72	53.6	31.2	46.8#
71	30.8	30.5	45.7



#42

Bromodichloromethane

Concen: 0.041 ppbv

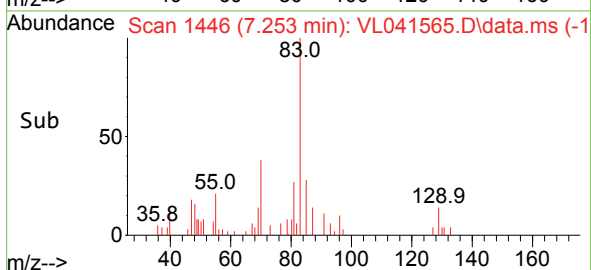
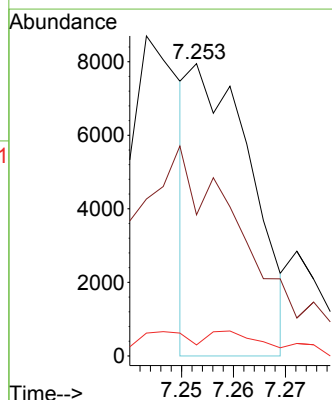
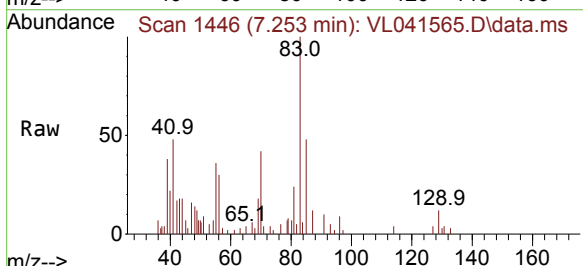
RT: 7.253 min Scan# 1446

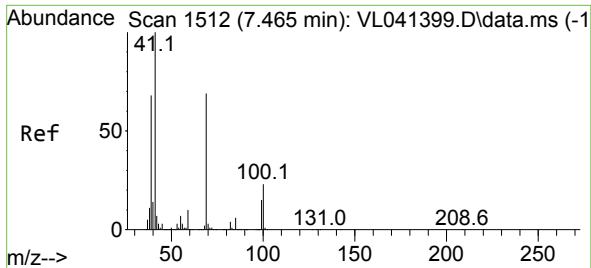
Delta R.T. 0.000 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Tgt Ion:	83	Resp:	6472
Ion	Ratio	Lower	Upper
83	100		
85	30.5	51.4	77.0#
127	1.4	6.7	10.1#

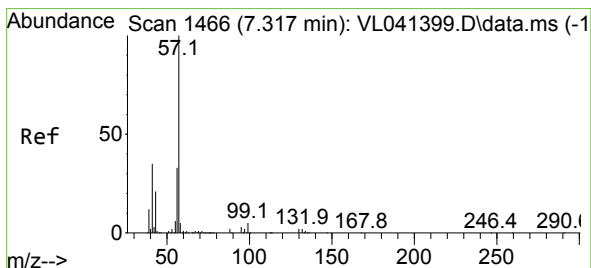
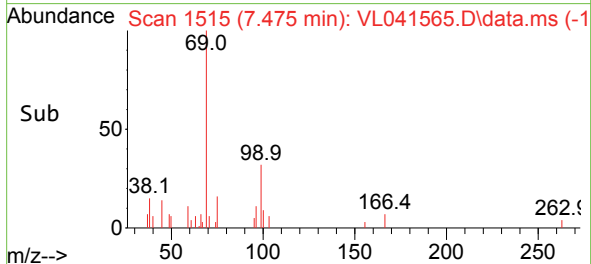
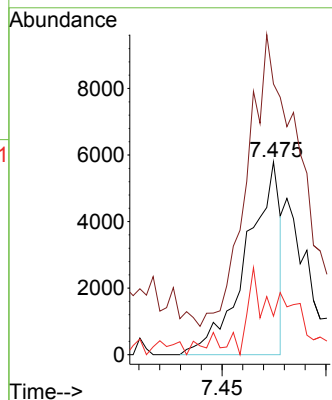
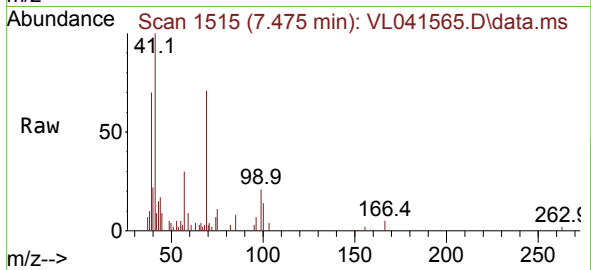




#43
Methyl Methacrylate
Concen: 0.092 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

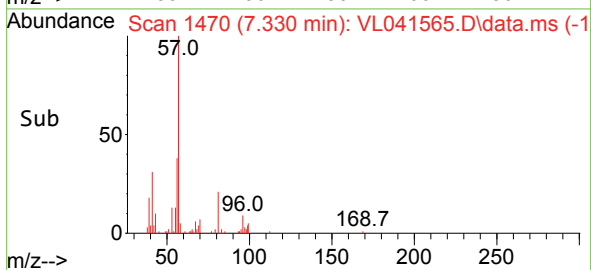
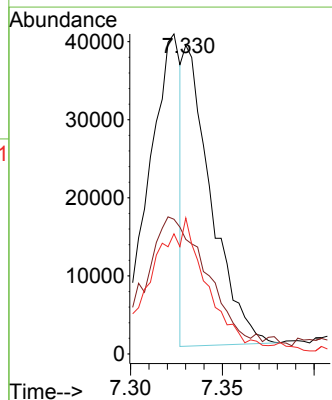
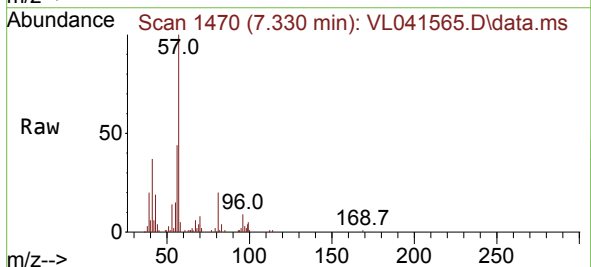
Instrument :
MSVOA_L
ClientSampleId :

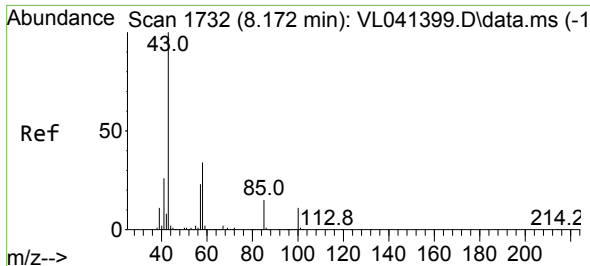
Tgt Ion: 69 Resp: 6503
Ion Ratio Lower Upper
69 100
41 244.2 118.7 178.1#
100 68.3 27.0 40.4#



#44
2,2,4-Trimethylpentane
Concen: 0.123 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 57 Resp: 40274
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 94.1 25.2 37.8#

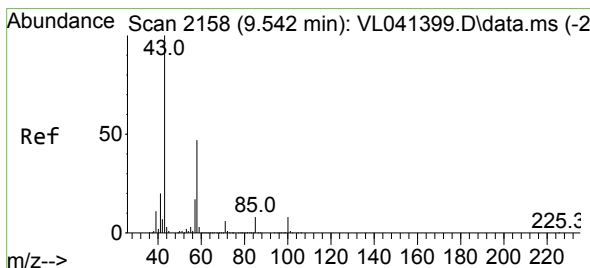
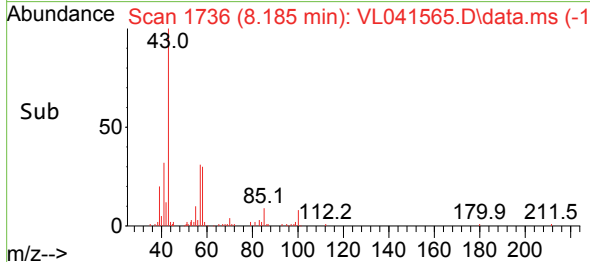
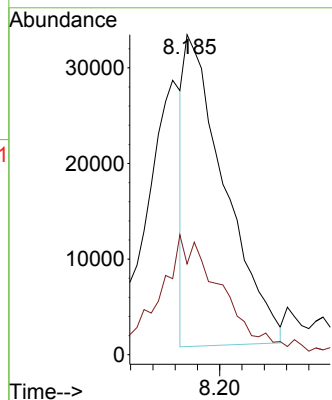
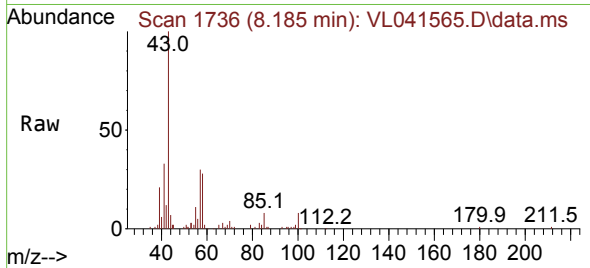




#50
4-Methyl-2-Pentanone
Concen: 0.199 ppbv
RT: 8.185 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

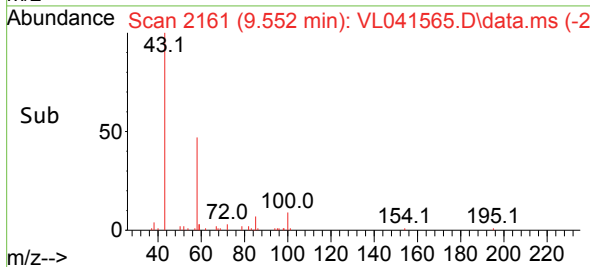
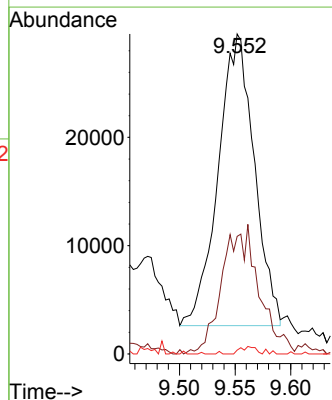
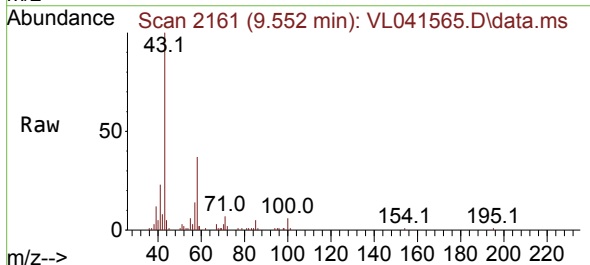
Instrument :
MSVOA_L
ClientSampleId :

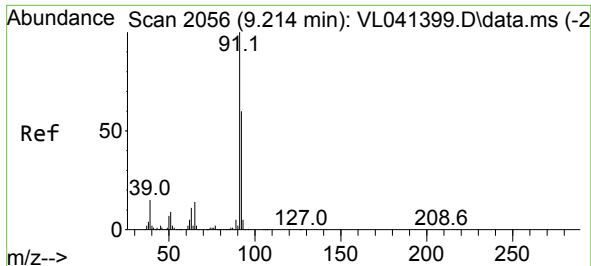
Tgt Ion: 43 Resp: 40884
Ion Ratio Lower Upper
43 100
58 67.3 27.9 41.9#



#51
2-Hexanone
Concen: 0.391 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 43 Resp: 60666
Ion Ratio Lower Upper
43 100
58 46.5 38.2 57.2
98 1.5 0.3 0.5#

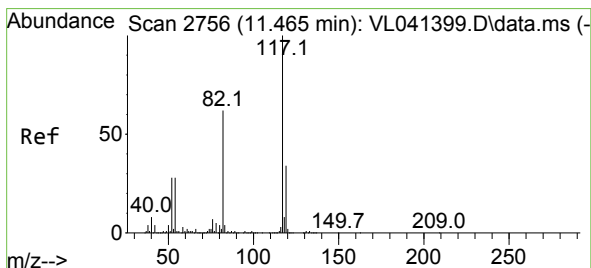
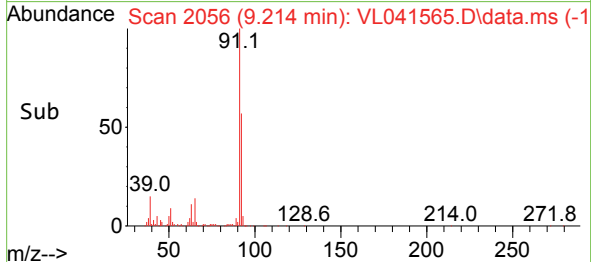
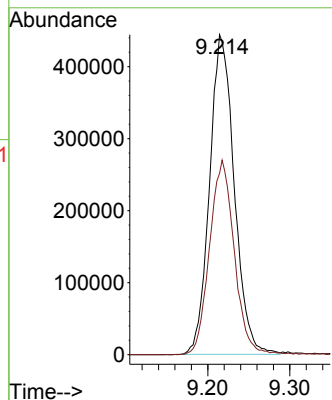
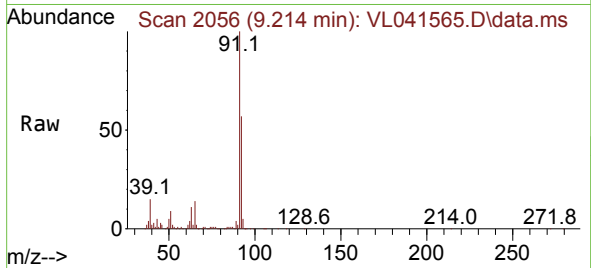




#53
Toluene
Concen: 4.248 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

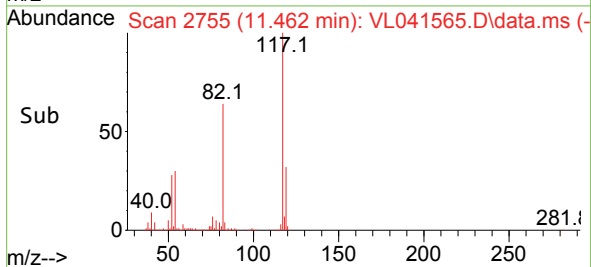
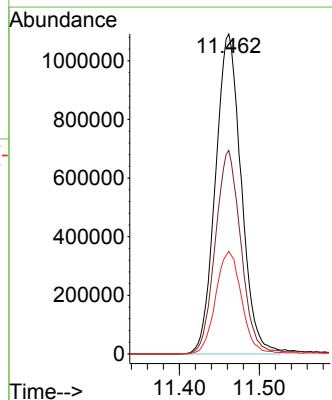
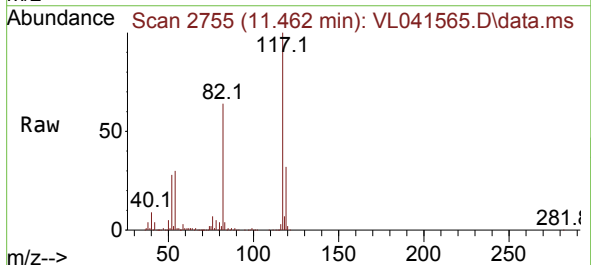
Instrument :
MSVOA_L
ClientSampleId :

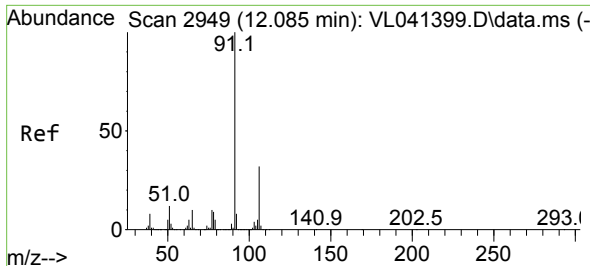
Tgt Ion: 91 Resp: 929690
Ion Ratio Lower Upper
91 100
92 61.4 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 117 Resp: 2442872
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 32.5 45.2 67.8

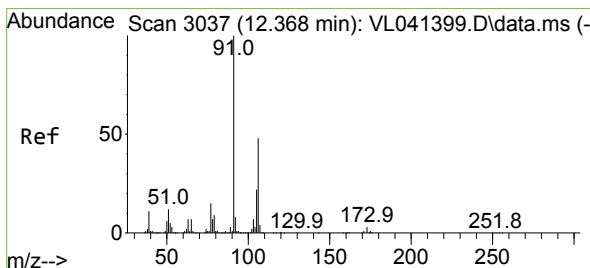
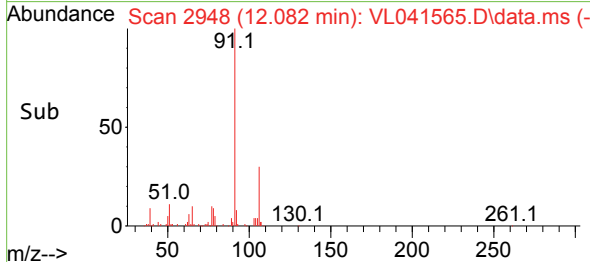
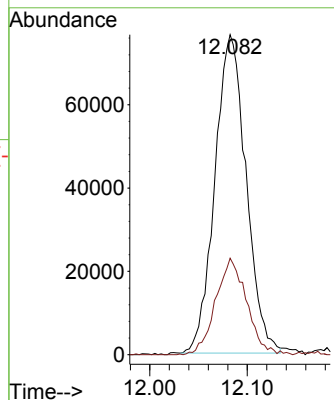
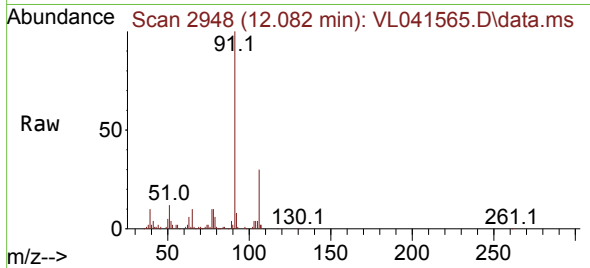




#58
Ethyl Benzene
Concen: 0.605 ppbv
RT: 12.082 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

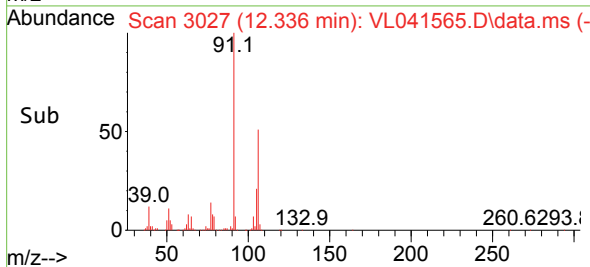
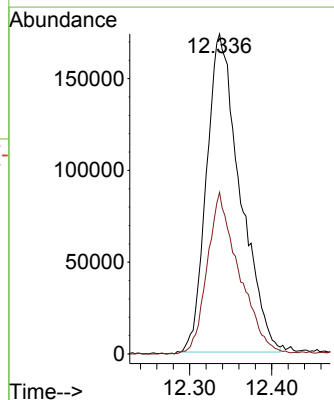
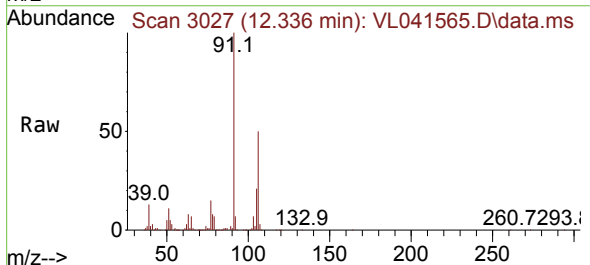
Instrument :
MSVOA_L
ClientSampleId :

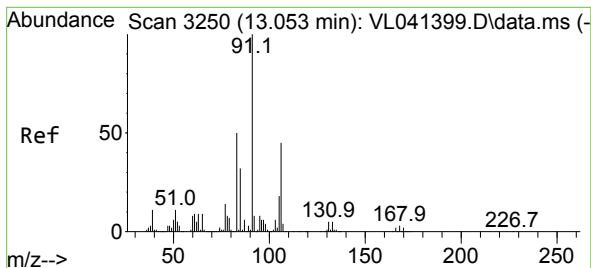
Tgt Ion: 91 Resp: 170291
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#59
m/p-Xylene
Concen: 2.032 ppbv
RT: 12.336 min Scan# 3027
Delta R.T. -0.035 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 91 Resp: 493909
Ion Ratio Lower Upper
91 100
106 48.8 36.3 54.5

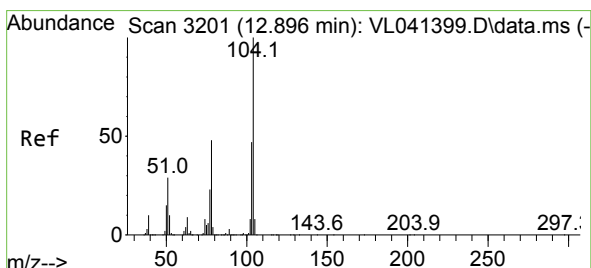
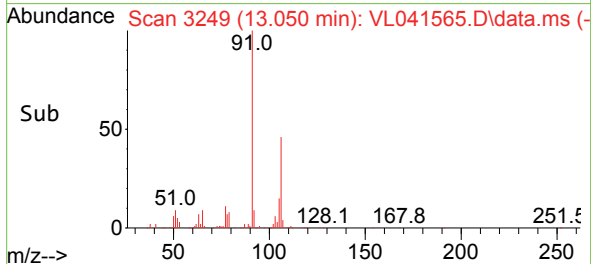
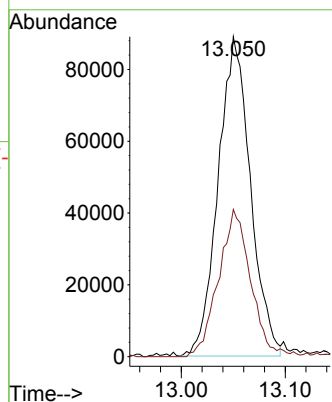
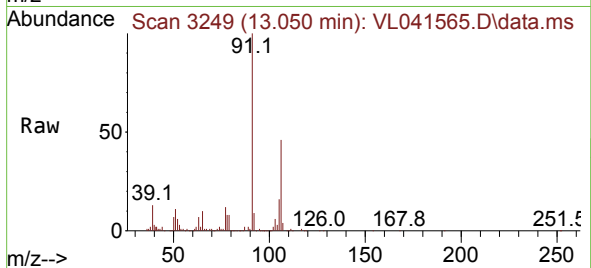




#60
o-Xylene
Concen: 0.834 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

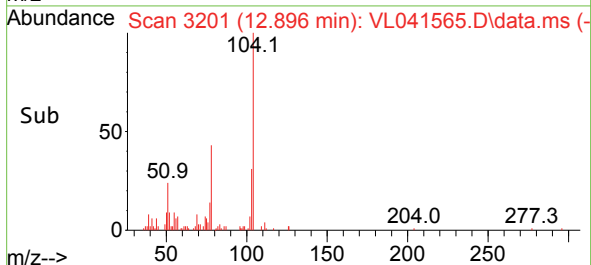
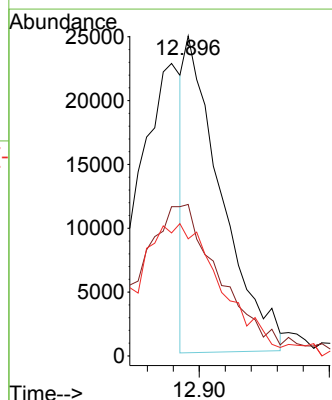
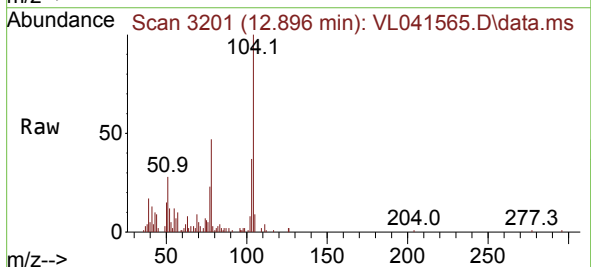
Instrument :
MSVOA_L
ClientSampleId :

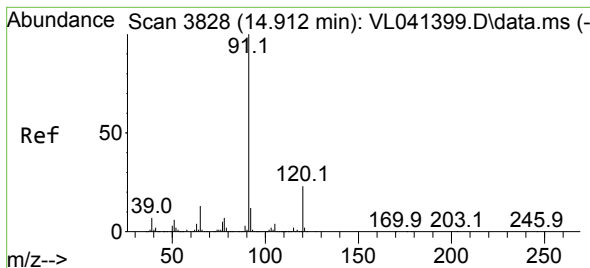
Tgt Ion: 91 Resp: 191753
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3



#61
Styrene
Concen: 0.233 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 104 Resp: 24161
Ion Ratio Lower Upper
104 100
78 117.0 40.8 61.2#
103 102.7 38.2 57.4#





#64

n-propylbenzene

Concen: 0.077 ppbv

RT: 14.912 min Scan# 3828

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

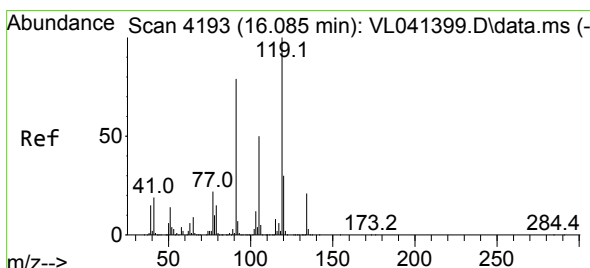
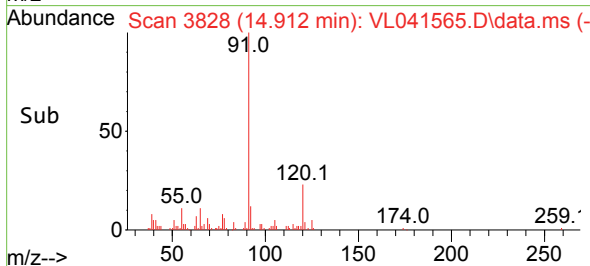
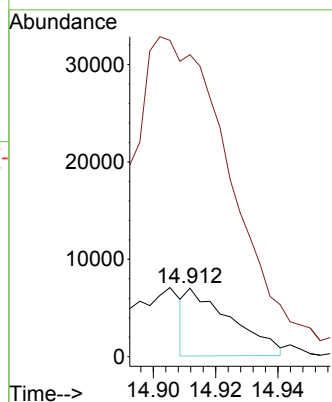
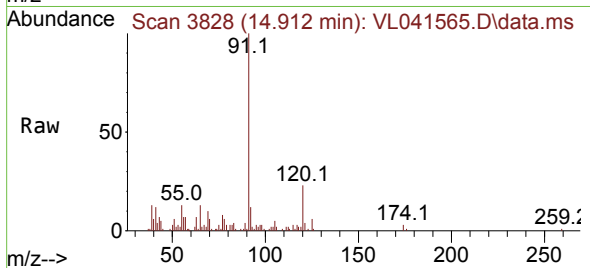
ClientSampleId :

Tgt Ion:120 Resp: 7044

Ion Ratio Lower Upper

120 100

91 0.0 361.4 542.0#



#65

tert-Butylbenzene

Concen: 0.107 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.013 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

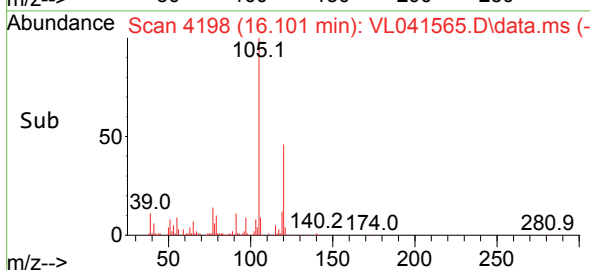
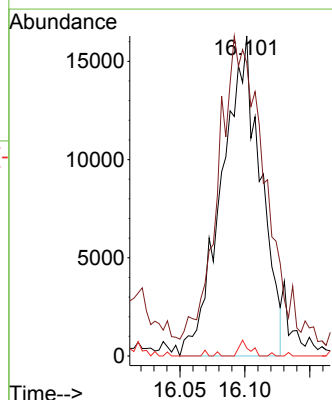
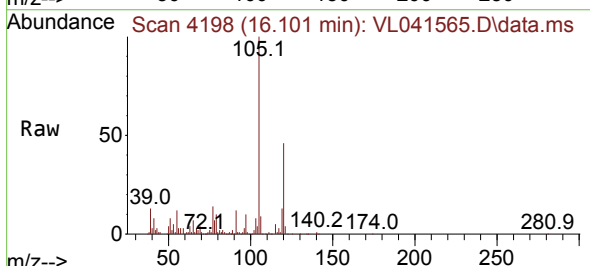
Tgt Ion:119 Resp: 33880

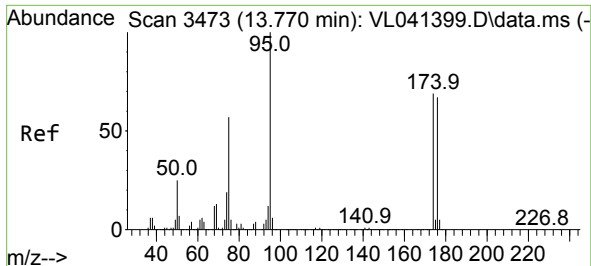
Ion Ratio Lower Upper

119 100

91 127.4 64.2 96.2#

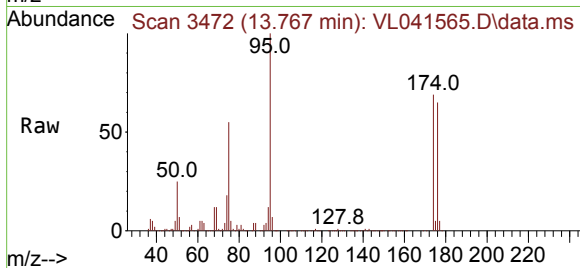
134 1.5 15.7 23.5#



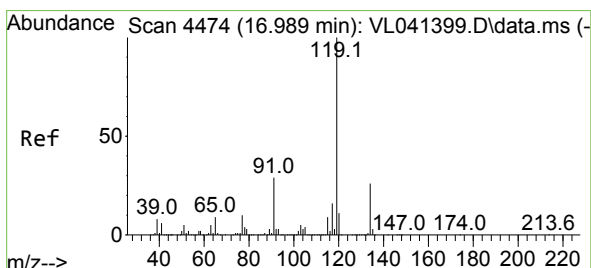
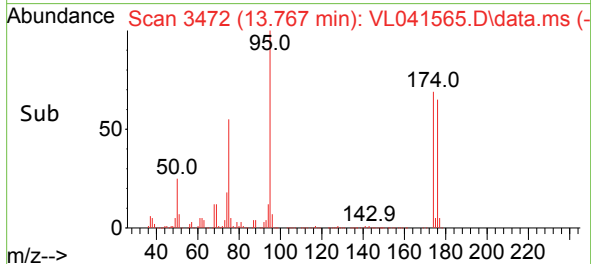
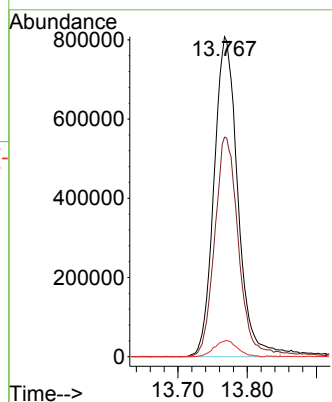


#68
1-Bromo-4-Fluorobenzene
Concen: 10.207 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :

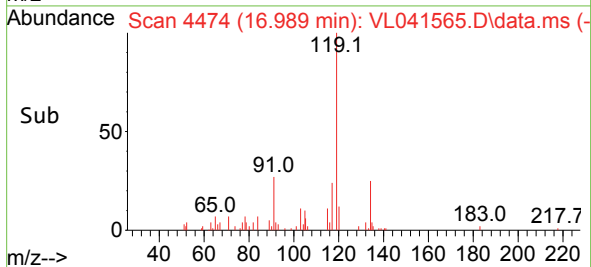
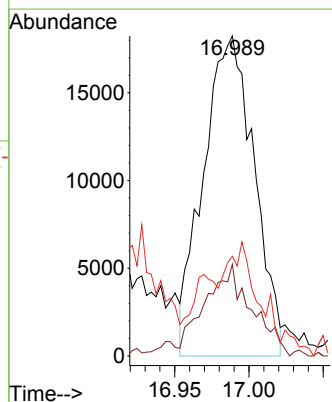
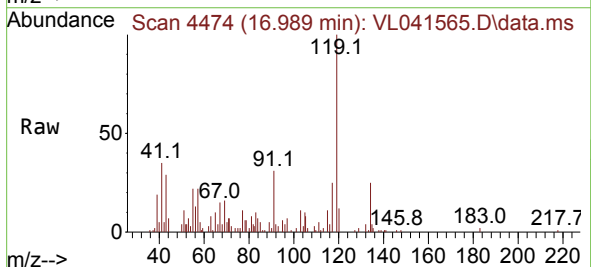


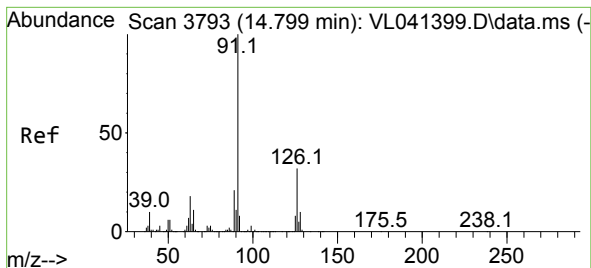
Tgt Ion: 95 Resp: 1918941
Ion Ratio Lower Upper
95 100
174 70.5 56.3 84.5
175 5.0 4.0 6.0



#69
p-Isopropyltoluene
Concen: 0.120 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 119 Resp: 43411
Ion Ratio Lower Upper
119 100
134 26.3 20.5 30.7
91 33.6 23.2 34.8

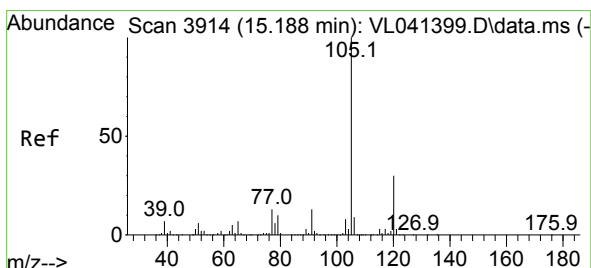
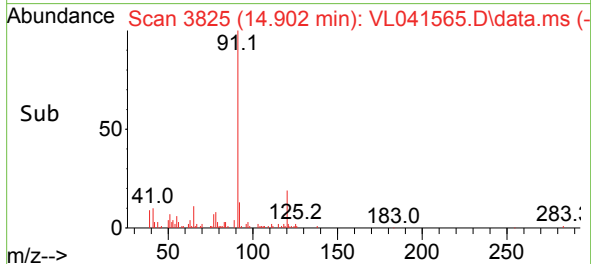
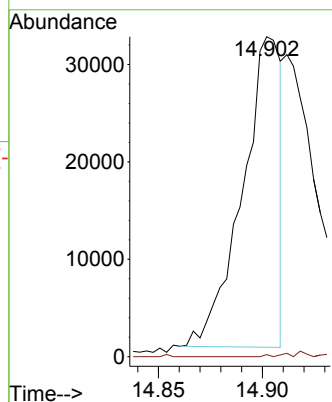
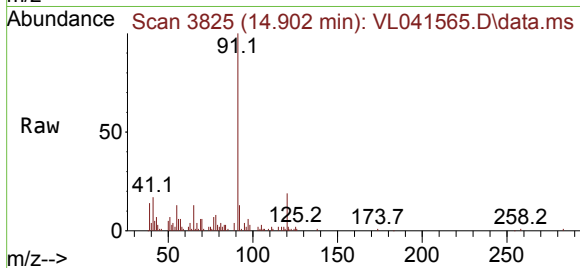




#71
2-Chlorotoluene
Concen: 0.159 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.103 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

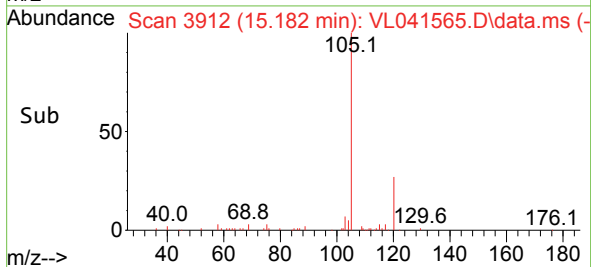
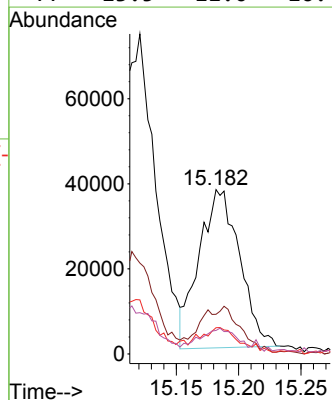
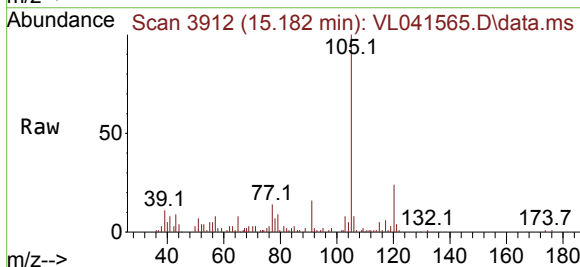
Instrument :
MSVOA_L
ClientSampleId :

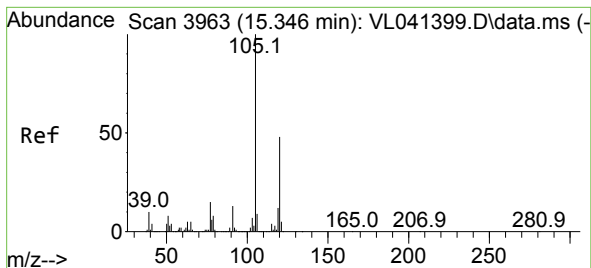
Tgt Ion: 91 Resp: 40954
Ion Ratio Lower Upper
91 100
126 0.5 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.312 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 105 Resp: 84413
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 20.0 10.4 15.6#
77 13.5 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 0.314 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

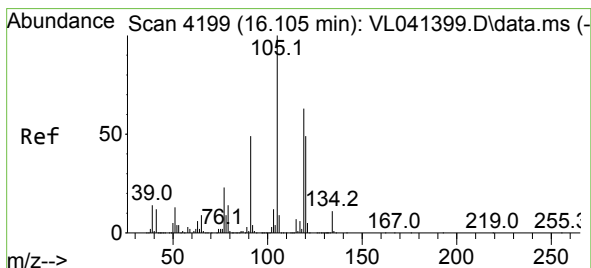
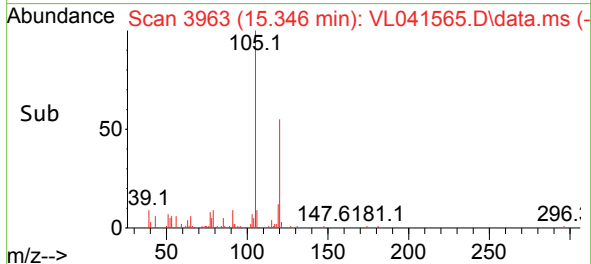
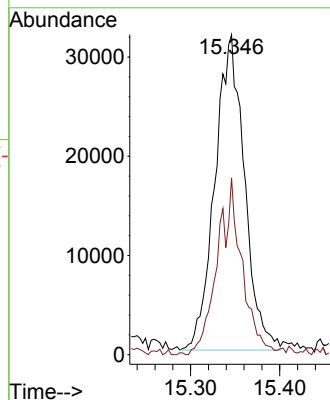
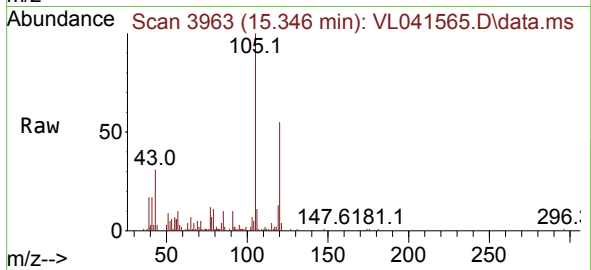
ClientSampleId :

Tgt Ion:105 Resp: 73174

Ion Ratio Lower Upper

105 100

120 55.5 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 1.093 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.010 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Tgt Ion:105 Resp: 296379

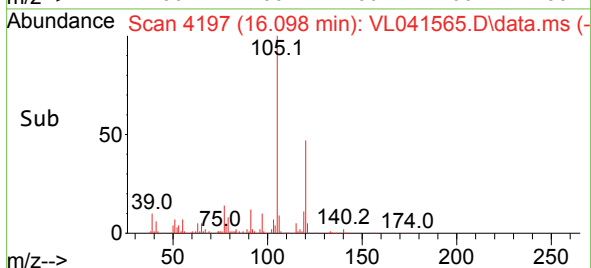
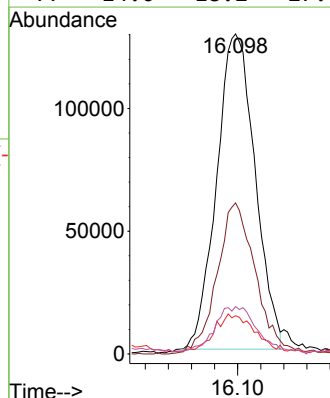
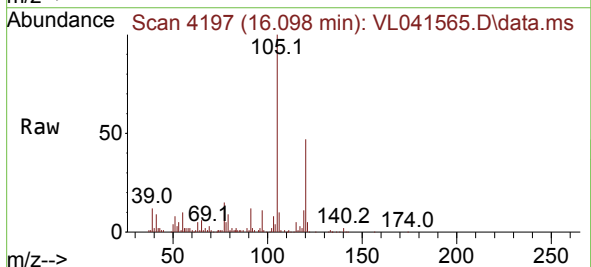
Ion Ratio Lower Upper

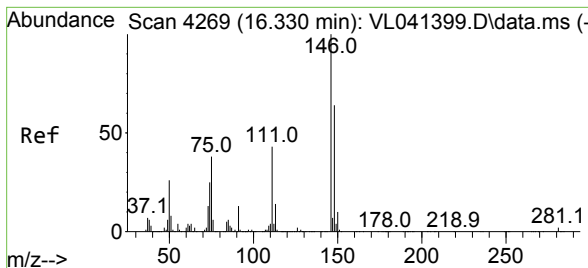
105 100

120 47.4 39.5 59.3

91 11.5 39.8 59.8#

77 14.0 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.726 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.142 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

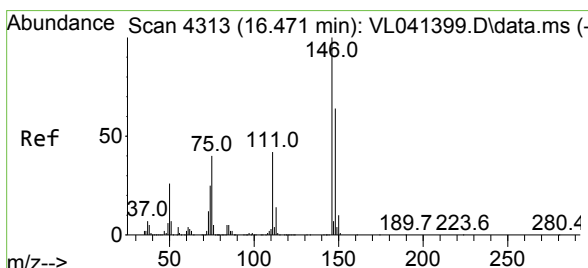
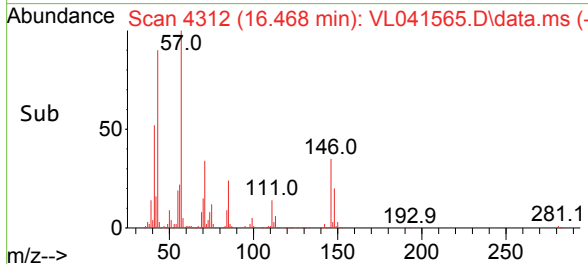
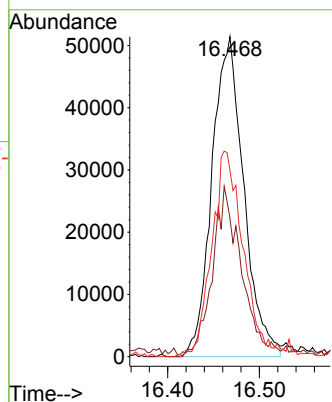
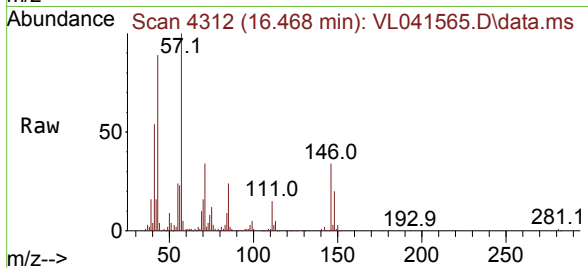
Tgt Ion:146 Resp: 123755

Ion Ratio Lower Upper

146 100

111 48.8 22.6 67.8

148 65.1 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 0.750 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

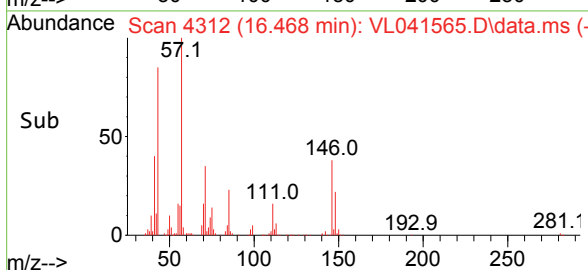
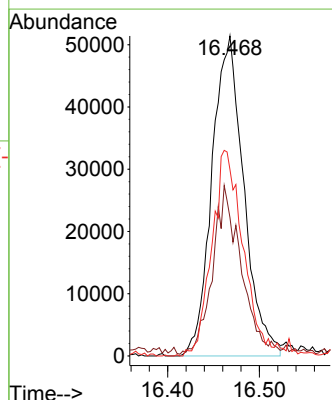
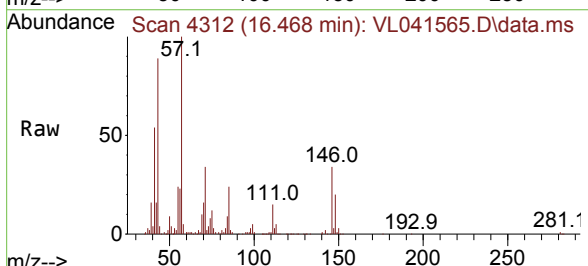
Tgt Ion:146 Resp: 123755

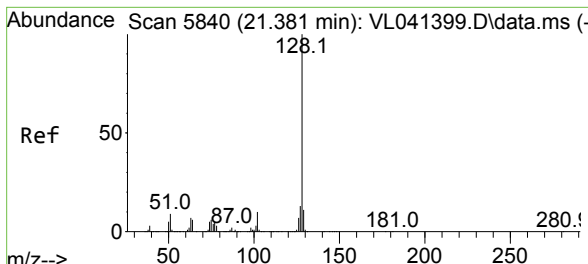
Ion Ratio Lower Upper

146 100

111 48.1 22.4 67.0

148 65.1 33.1 99.5

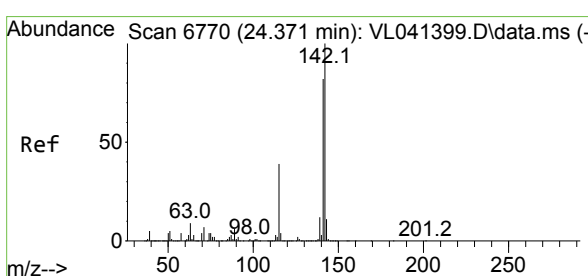
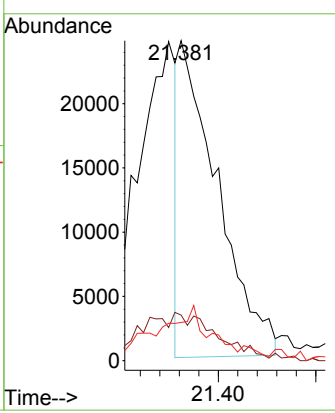
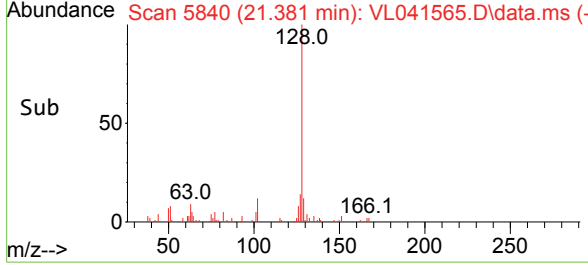
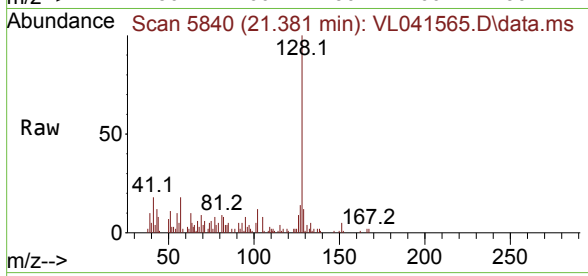




#79
 Naphthalene
 Concen: 0.141 ppbv
 RT: 21.381 min Scan# 5840
 Delta R.T. -0.003 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:	128	Resp:	33783
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	9.1	9.0	13.4



#80
 Naphthalene, 2-methyl-
 Concen: 0.036 ppbv
 RT: 24.381 min Scan# 6773
 Delta R.T. 0.010 min
 Lab File: VL041565.D
 Acq: 21 Aug 2024 13:09

Tgt Ion:	142	Resp:	7285
Ion Ratio	Lower	Upper	
142	100		
141	64.1	67.0	100.4
115	39.7	32.2	48.2

