

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041641.D
 Acq On : 10 Oct 2024 14:07
 Operator : SY/MD
 Sample : P4339-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:40:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

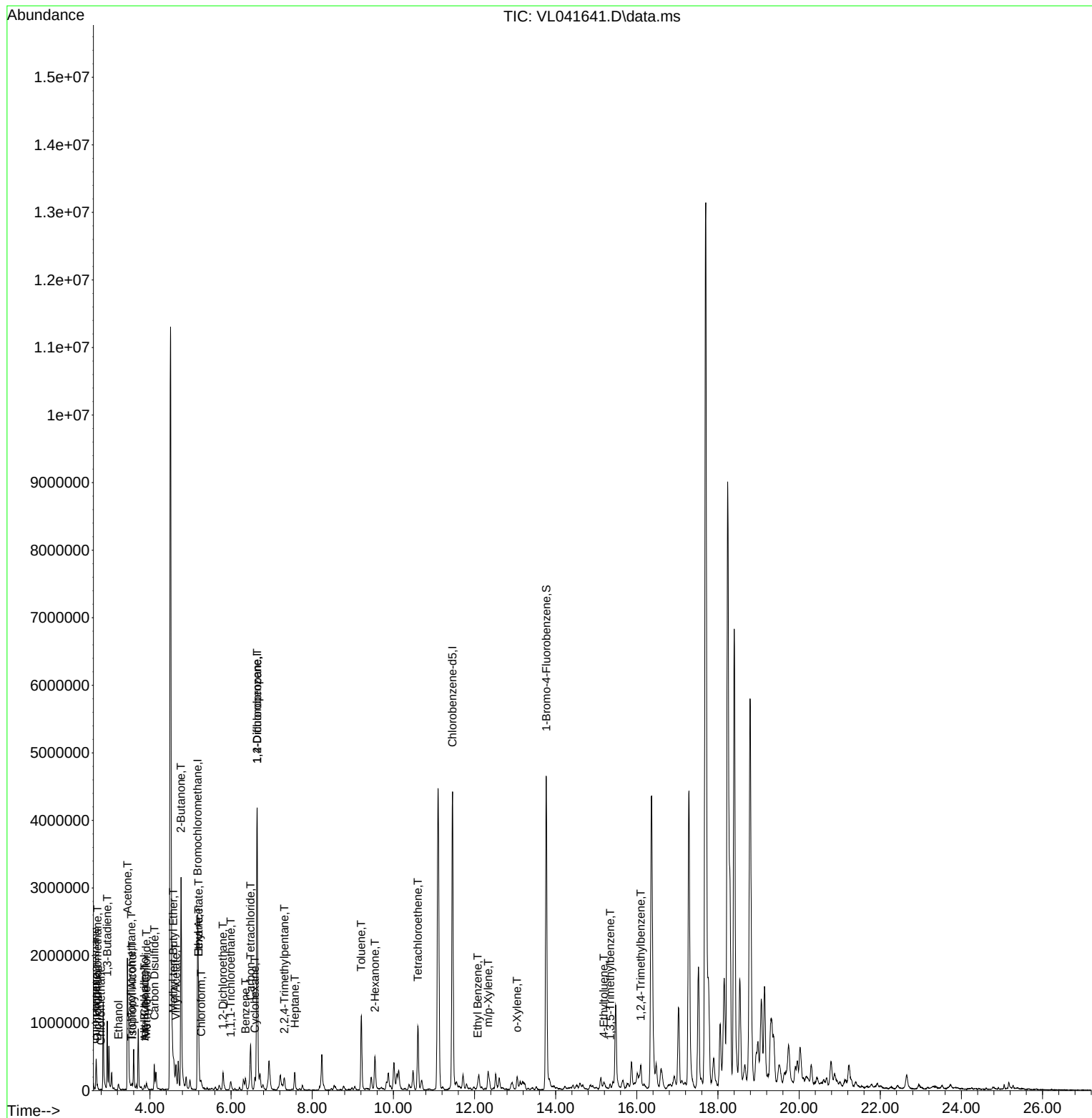
Internal Standards						
1) Bromochloromethane	5.176	49	1208742	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3203069	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.459	117	2967134	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2300034	10.530	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	24231	0.139	ppbv	92
3) Chlorodifluoromethane	2.652	51	13714	0.094	ppbv	97
4) Chloromethane	2.793	50	2637	0.033	ppbv #	75
9) Propene	2.671	41	155064	2.507	ppbv	96
10) Heptane	7.568	43	105955	0.732	ppbv	94
11) Trichlorofluoromethane	3.542	101	17149	0.092	ppbv	92
13) Ethanol	3.224	45	98482	21.182	ppbv	95
15) Acetone	3.446	43	2159629	14.232	ppbv	91
16) 1,3-Butadiene	2.948	39	219218	2.970	ppbv #	20
17) tert-Butyl alcohol	3.867	59	44439	0.333	ppbv #	91
19) Isopropyl Alcohol	3.565	45	69436	0.894	ppbv #	92
20) Methylene Chloride	3.915	84	24577	0.431	ppbv	86
21) Allyl Chloride	3.874	41	18743	0.213	ppbv #	69
23) Vinyl Acetate	4.639	43	122982	1.473	ppbv #	50
25) Ethyl Acetate	5.198	43	197320	0.724	ppbv #	80
26) Hexane	5.198	57	264368	2.327	ppbv #	36
27) Carbon Disulfide	4.108	76	435521	3.606	ppbv	99
28) Methyl tert-Butyl Ether	4.575	73	2336	0.033	ppbv #	1
29) Chloroform	5.263	83	49257	0.265	ppbv	98
30) Cyclohexane	6.584	84	55689	0.636	ppbv #	83
32) 1,1,1-Trichloroethane	5.989	97	40191	0.243	ppbv	99
34) 2-Butanone	4.767	43	3890846	25.475	ppbv	99
35) Carbon Tetrachloride	6.481	117	388424	2.472	ppbv	98
36) Benzene	6.353	78	128995	0.580	ppbv	95
37) 1,2-Dichloroethane	5.796	62	4156	0.032	ppbv #	72
39) 1,2-Dichloropropane	6.642	63	790476	8.735	ppbv #	24
44) 2,2,4-Trimethylpentane	7.314	57	100066	0.260	ppbv #	14
51) 2-Hexanone	9.545	43	434961	2.438	ppbv #	99
52) Tetrachloroethene	10.603	164	234938	2.917	ppbv	97
53) Toluene	9.208	91	842532	3.568	ppbv	99
58) Ethyl Benzene	12.079	91	69794	0.220	ppbv	98
59) m/p-Xylene	12.336	91	272414	0.964	ppbv	94
60) o-Xylene	13.050	91	127019	0.469	ppbv	99
72) 4-Ethyltoluene	15.185	105	46066	0.145	ppbv #	84
73) 1,3,5-Trimethylbenzene	15.346	105	52408	0.187	ppbv	92
74) 1,2,4-Trimethylbenzene	16.098	105	238209	0.727	ppbv #	69

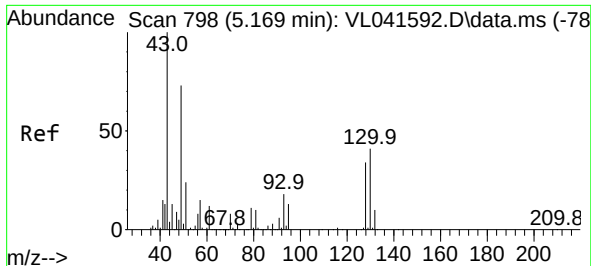
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041641.D
Acq On : 10 Oct 2024 14:07
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 11 05:40:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Response via : Initial Calibration

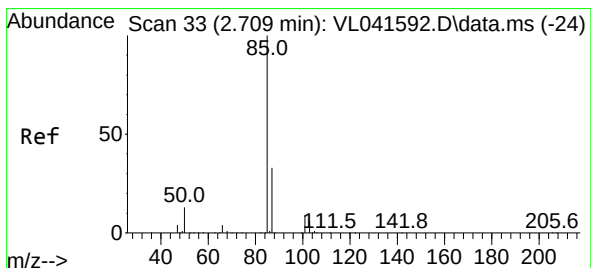
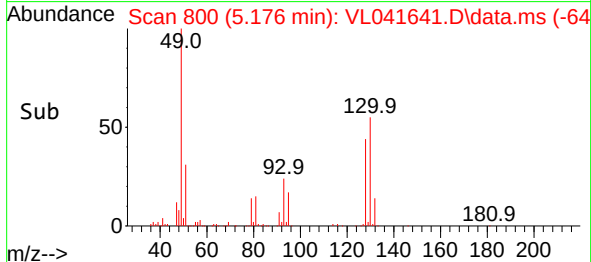
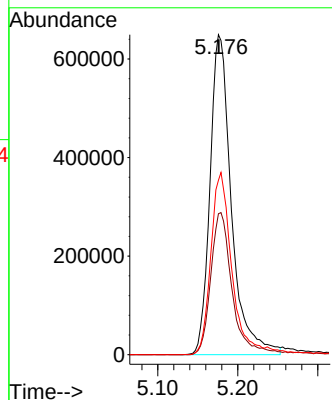
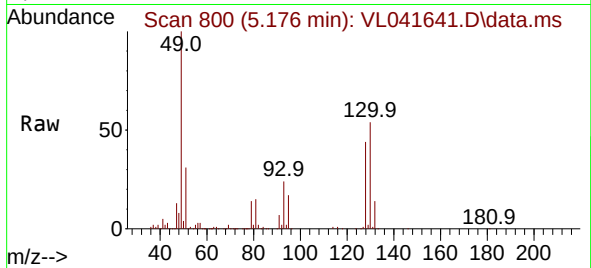




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

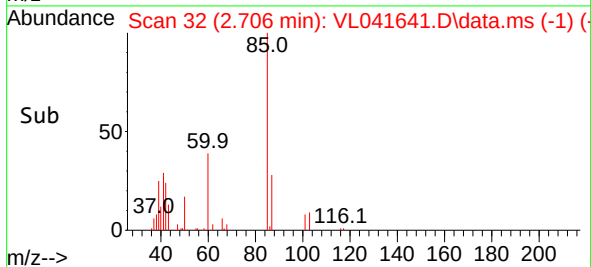
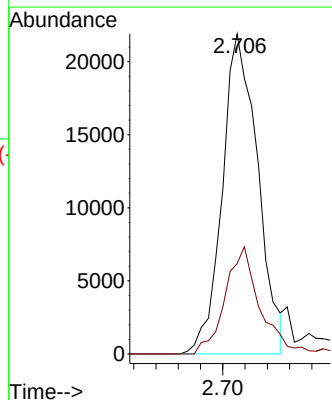
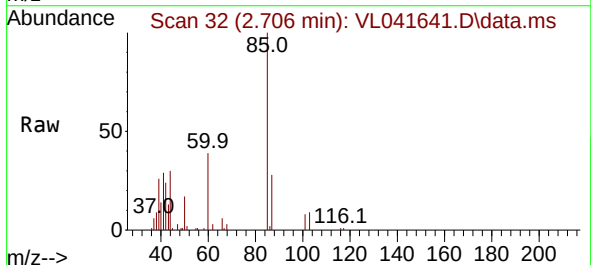
Instrument :
 MSVOA_L
 ClientSampleId :

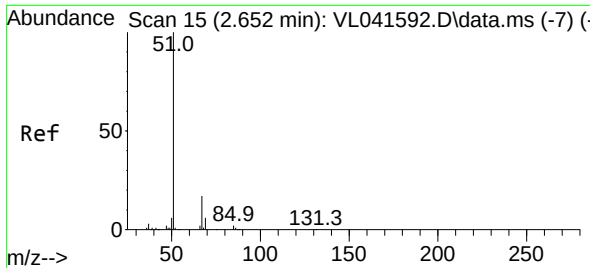
Tgt Ion: 49 Resp: 1208742
 Ion Ratio Lower Upper
 49 100
 128 45.3 23.8 71.5
 130 57.1 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 0.139 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

Tgt Ion: 85 Resp: 24231
 Ion Ratio Lower Upper
 85 100
 87 28.2 26.3 39.5

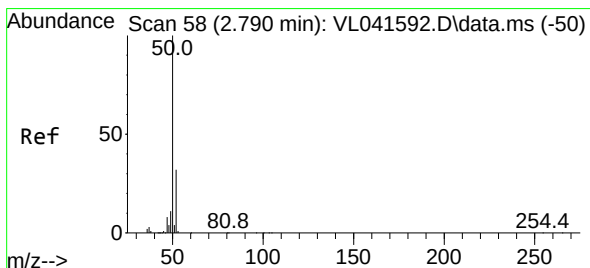
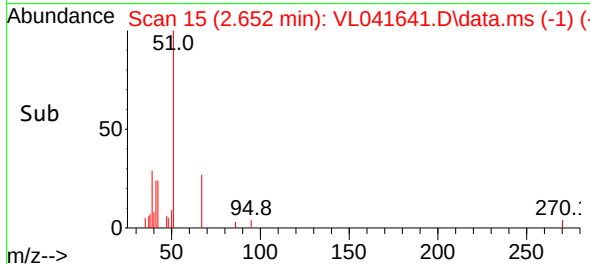
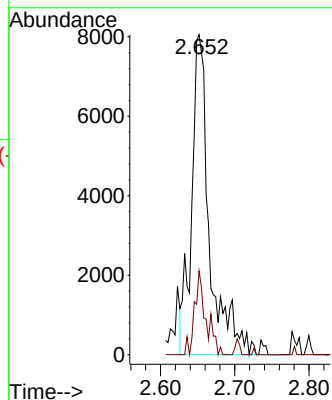
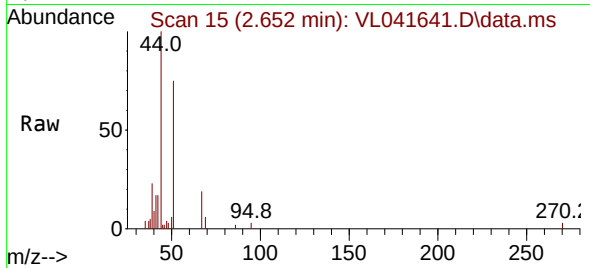




#3
Chlorodifluoromethane
Concen: 0.094 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

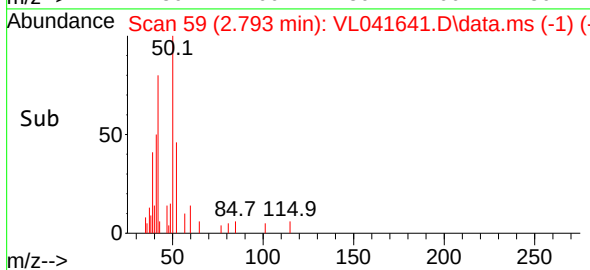
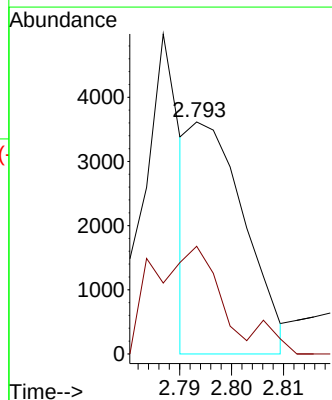
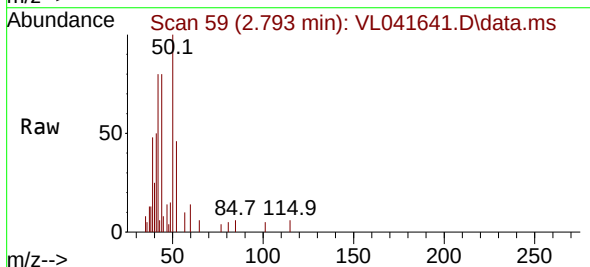
Instrument :
MSVOA_L
ClientSampleId :

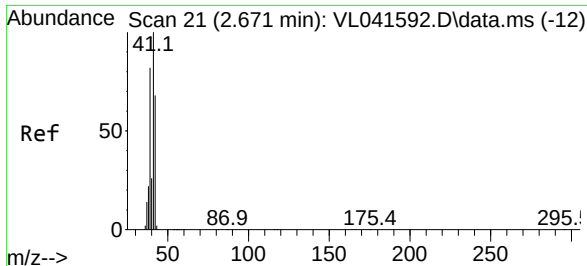
Tgt Ion: 51 Resp: 13714
Ion Ratio Lower Upper
51 100
67 16.3 14.1 21.1



#4
Chloromethane
Concen: 0.033 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 50 Resp: 2637
Ion Ratio Lower Upper
50 100
52 45.9 25.4 38.2#

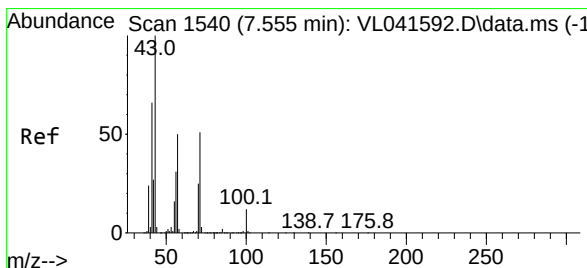
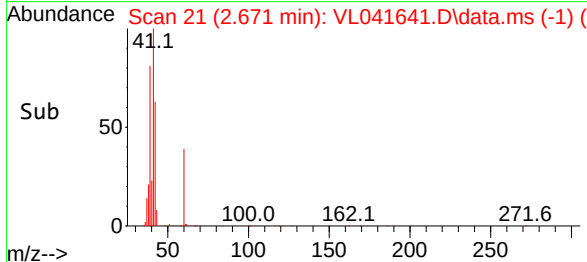
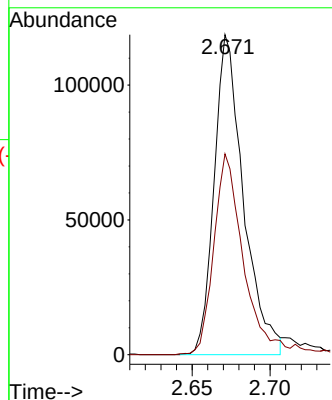
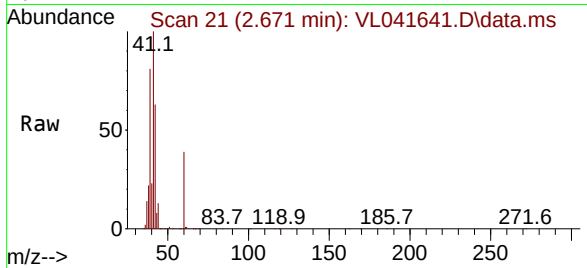




#9
 Propene
 Concen: 2.507 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

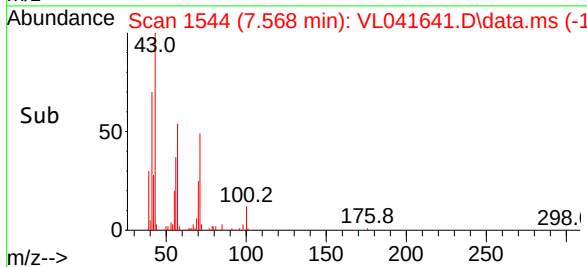
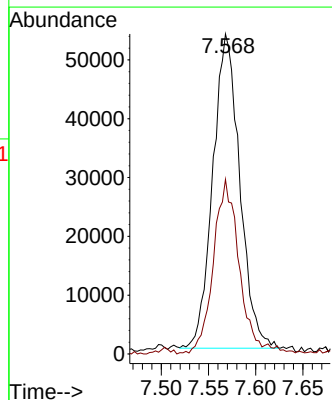
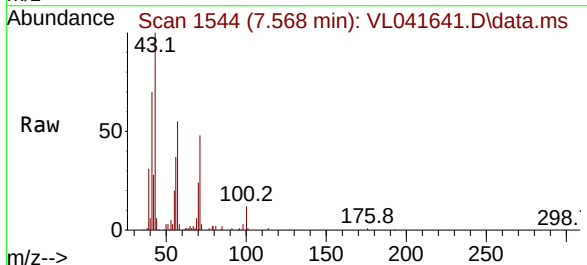
Instrument :
 MSVOA_L
 ClientSampleId :

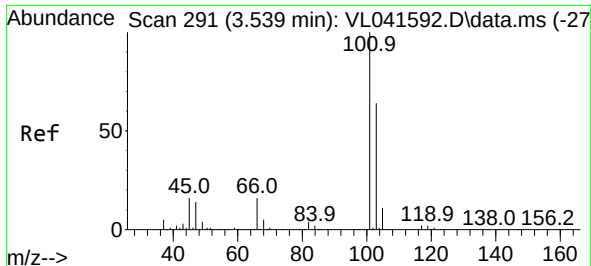
Tgt Ion: 41 Resp: 155064
 Ion Ratio Lower Upper
 41 100
 42 65.4 55.2 82.8



#10
 Heptane
 Concen: 0.732 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.013 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

Tgt Ion: 43 Resp: 105955
 Ion Ratio Lower Upper
 43 100
 57 53.9 39.8 59.8

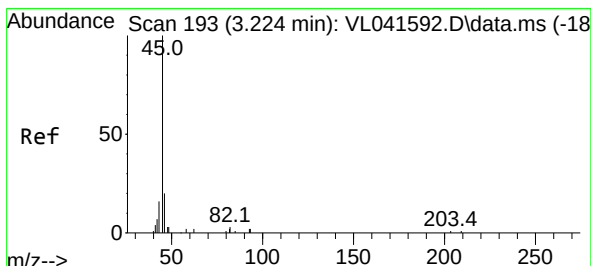
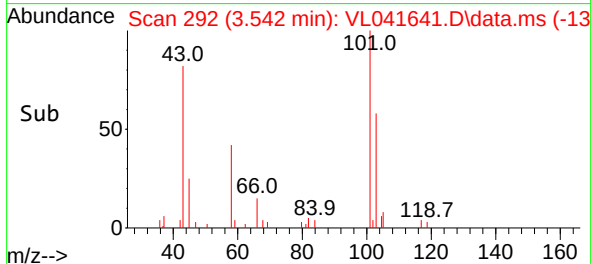
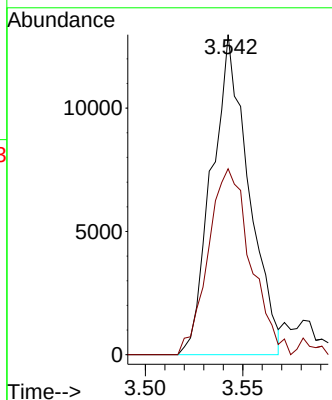
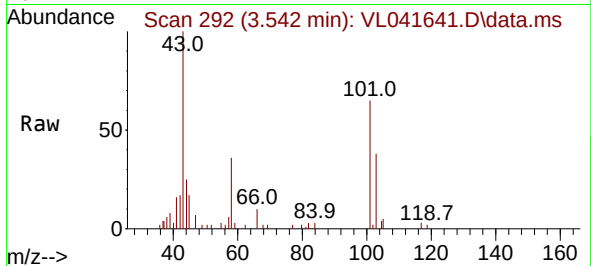




#11
 Trichlorofluoromethane
 Concen: 0.092 ppbv
 RT: 3.542 min Scan# 291
 Delta R.T. 0.003 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

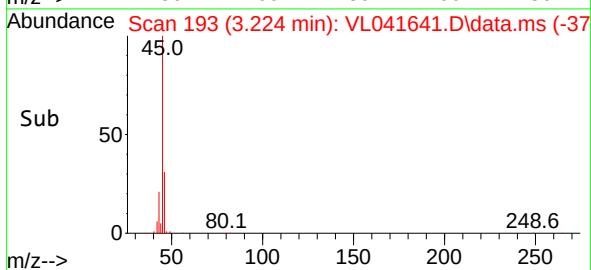
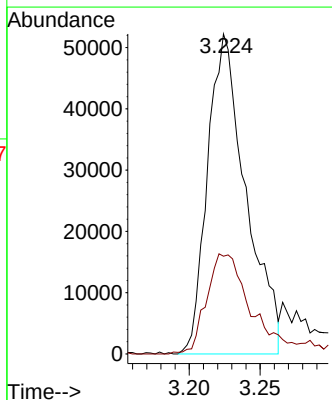
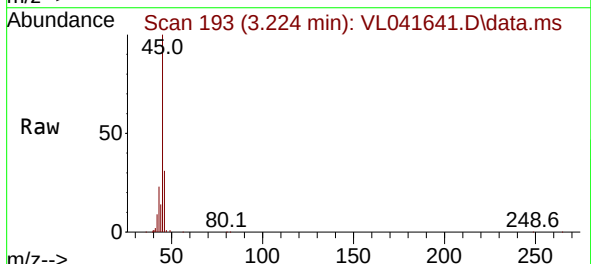
Instrument :
 MSVOA_L
 ClientSampleId :

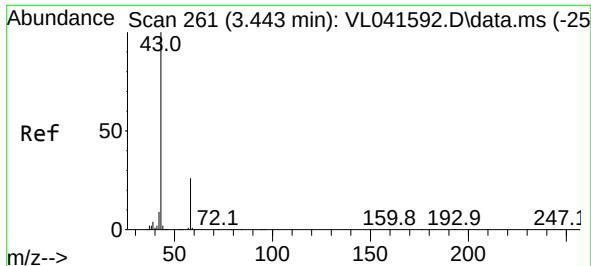
Tgt Ion:101 Resp: 17149
 Ion Ratio Lower Upper
 101 100
 103 58.1 51.2 76.8



#13
 Ethanol
 Concen: 21.182 ppbv
 RT: 3.224 min Scan# 193
 Delta R.T. 0.000 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

Tgt Ion: 45 Resp: 98482
 Ion Ratio Lower Upper
 45 100
 46 40.8 15.2 60.8

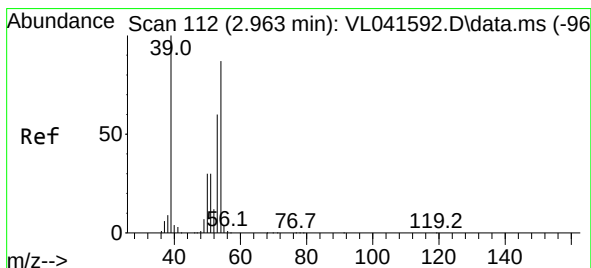
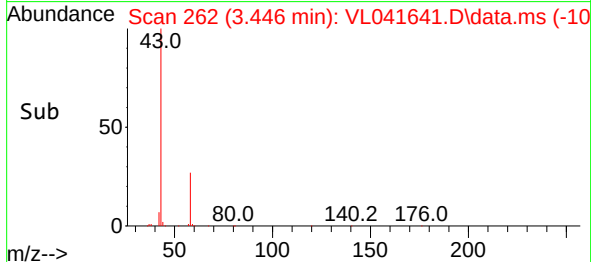
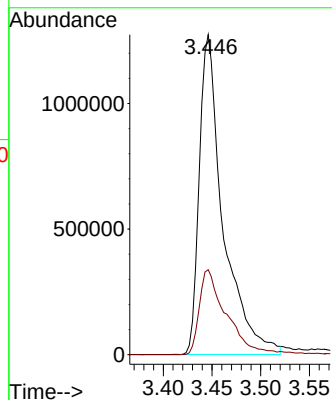
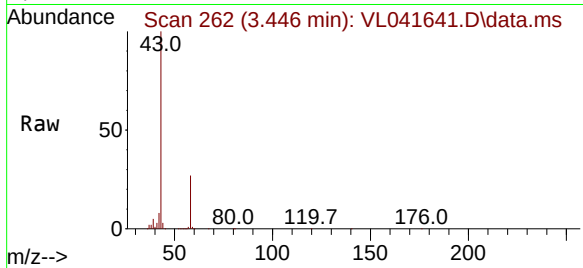




#15
Acetone
Concen: 14.232 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

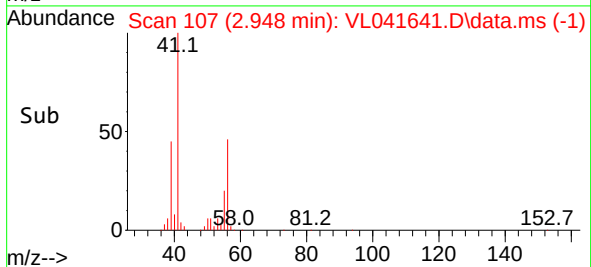
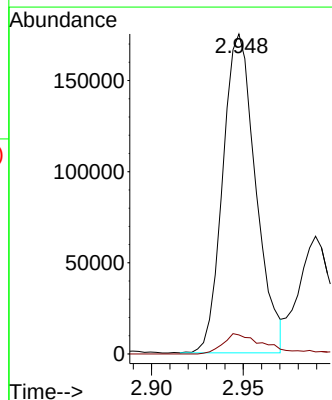
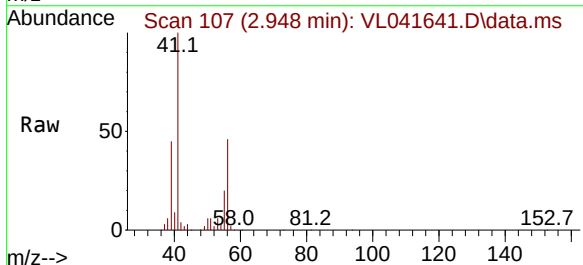
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MSVOA_L
ClientSampleId :

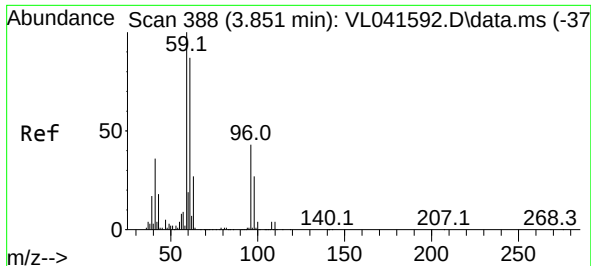
Tgt Ion: 43 Resp: 2159629
Ion Ratio Lower Upper
43 100
58 31.3 21.5 32.3



#16
1,3-Butadiene
Concen: 2.970 ppbv
RT: 2.948 min Scan# 107
Delta R.T. -0.016 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 39 Resp: 219218
Ion Ratio Lower Upper
39 100
54 8.6 62.9 94.3#





#17

tert-Butyl alcohol

Concen: 0.333 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.016 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

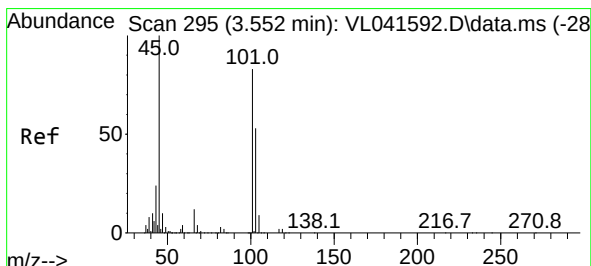
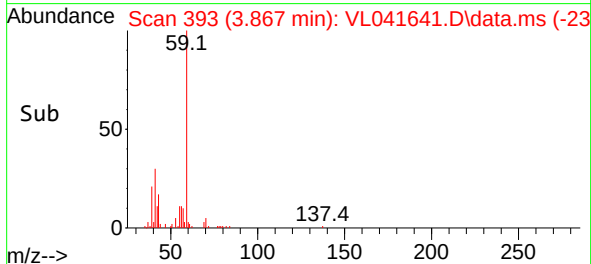
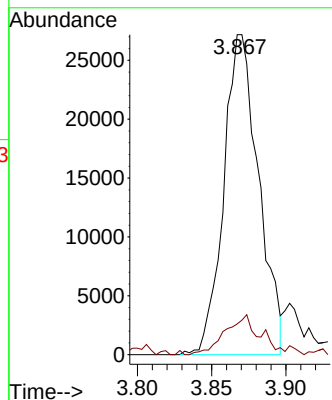
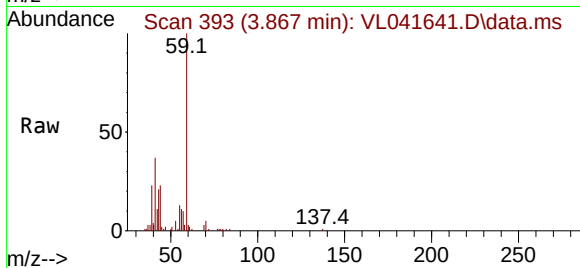
ClientSampleId :

Tgt Ion: 59 Resp: 44439

Ion Ratio Lower Upper

59 100

57 14.2 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 0.894 ppbv

RT: 3.565 min Scan# 299

Delta R.T. 0.013 min

Lab File: VL041641.D

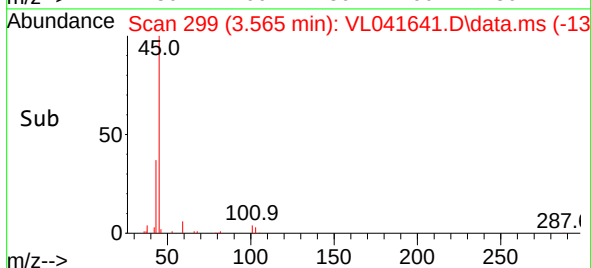
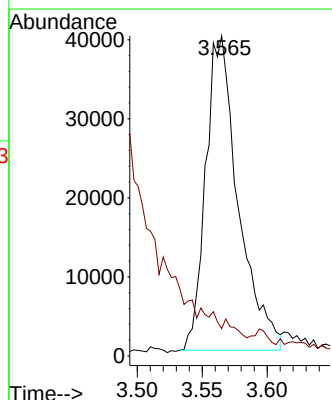
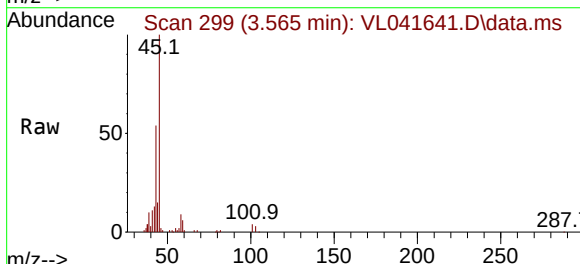
Acq: 10 Oct 2024 14:07

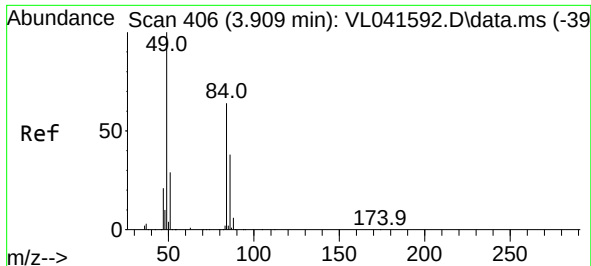
Tgt Ion: 45 Resp: 69436

Ion Ratio Lower Upper

45 100

58 0.0 2.1 3.1#





#20

Methylene Chloride

Concen: 0.431 ppbv

RT: 3.915 min Scan# 406

Delta R.T. 0.007 min

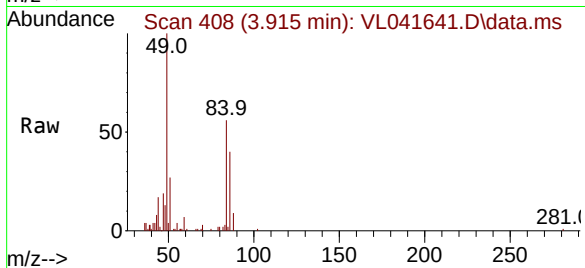
Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 24577

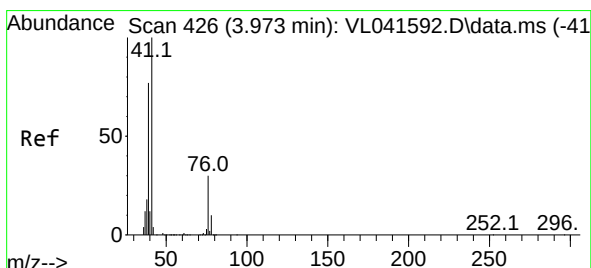
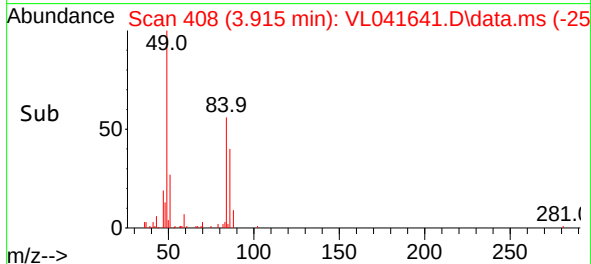
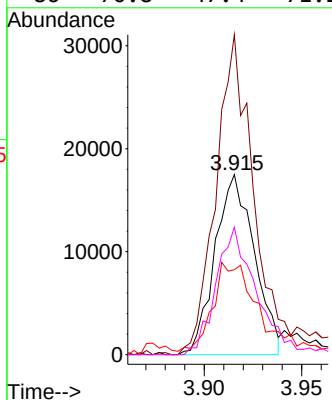
Ion	Ratio	Lower	Upper
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84	100		
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49	177.7	124.3	186.5
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51	45.3	36.3	54.5
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86	70.8	47.4	71.2
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#21

Allyl Chloride

Concen: 0.213 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.099 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

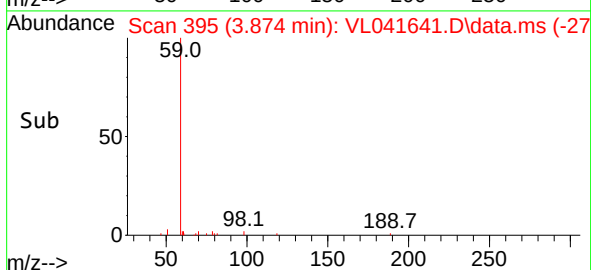
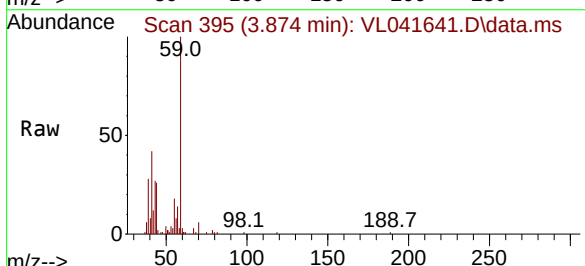
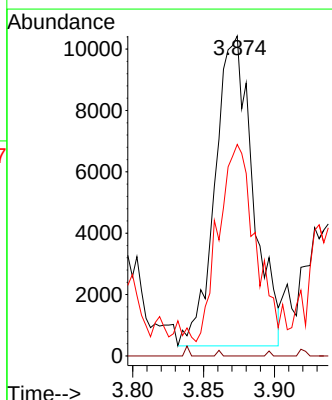
Tgt Ion: 41 Resp: 18743

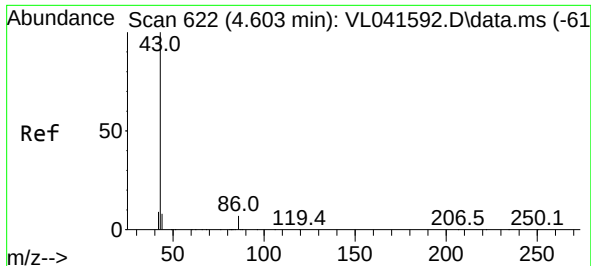
Ion	Ratio	Lower	Upper
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41	100		
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76	0.0	23.8	35.6#
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39	60.5	63.9	95.9#
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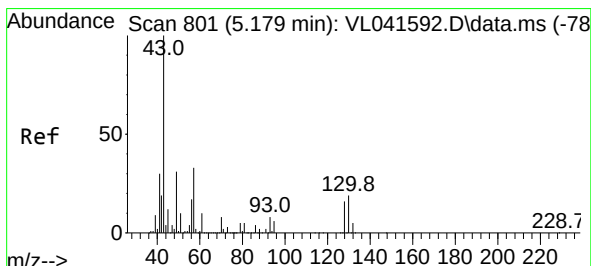
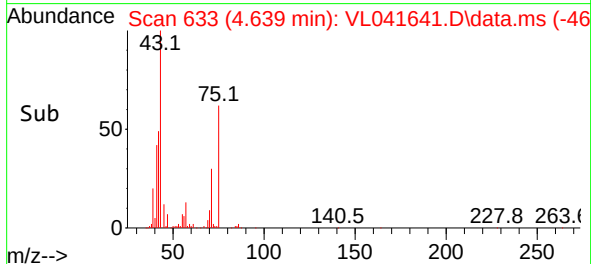
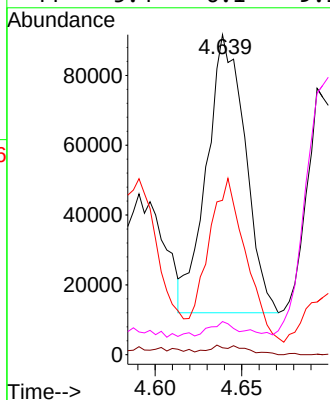
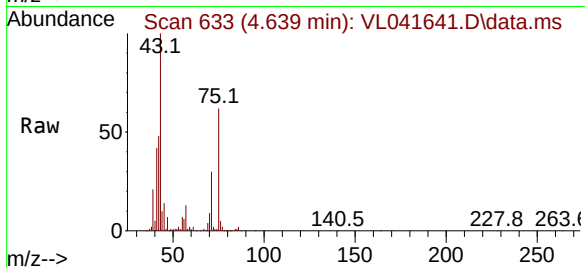


#23
 Vinyl Acetate
 Concen: 1.473 ppbv
 RT: 4.639 min Scan# 61
 Delta R.T. 0.036 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 122982

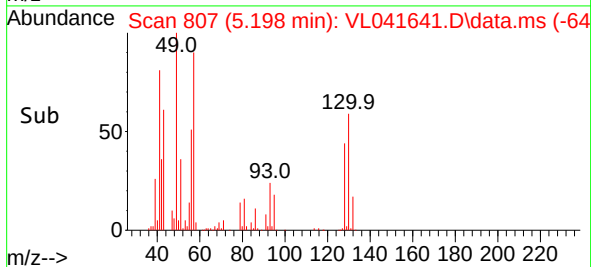
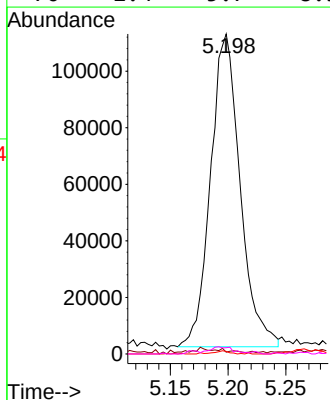
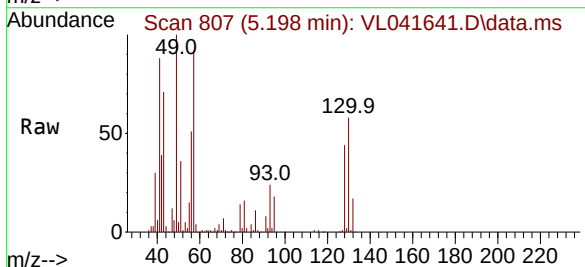
Ion	Ratio	Lower	Upper
43	100		
86	2.4	4.9	7.3#
42	49.6	8.0	12.0#
44	5.4	6.1	9.1#

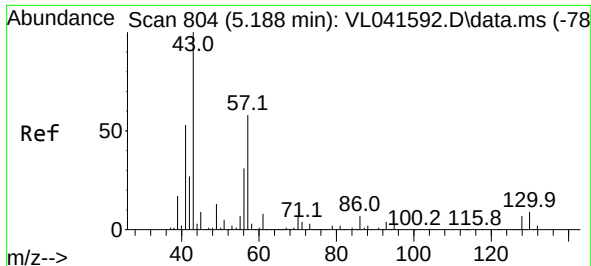


#25
 Ethyl Acetate
 Concen: 0.724 ppbv
 RT: 5.198 min Scan# 807
 Delta R.T. 0.020 min
 Lab File: VL041641.D
 Acq: 10 Oct 2024 14:07

Tgt Ion: 43 Resp: 197320

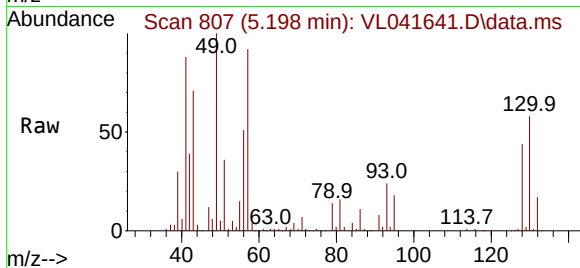
Ion	Ratio	Lower	Upper
43	100		
45	2.7	8.2	12.2#
61	0.6	8.0	12.0#
70	2.4	5.7	8.5#





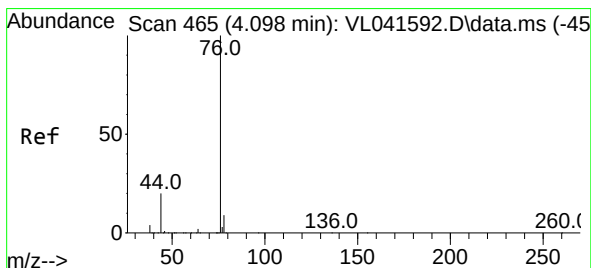
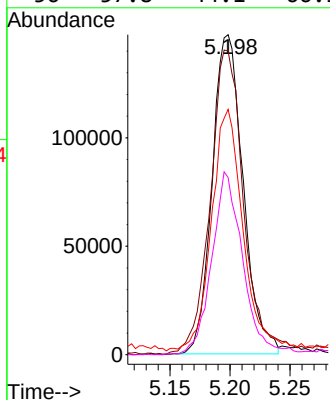
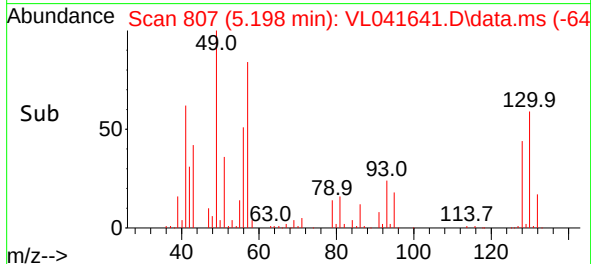
#26
Hexane
Concen: 2.327 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :

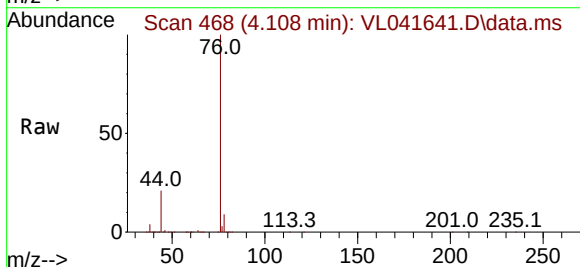


Tgt Ion: 57 Resp: 264368

Ion	Ratio	Lower	Upper
57	100		
41	104.2	75.7	113.5
43	78.0	198.5	297.7#
56	57.8	44.1	66.1

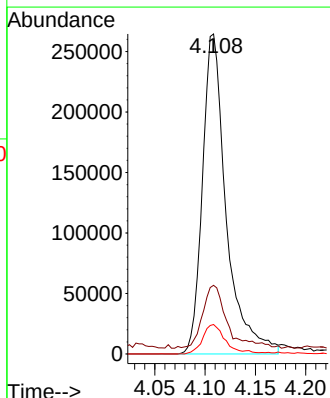
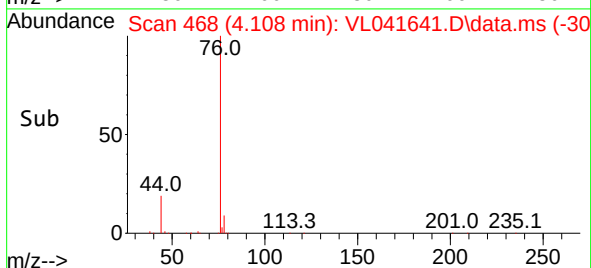


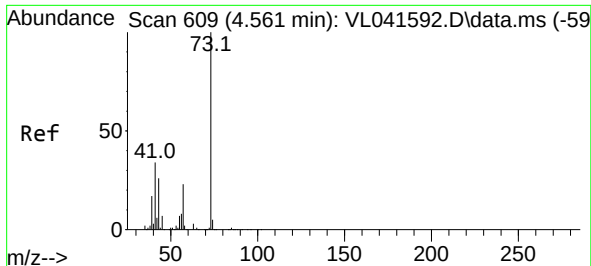
#27
Carbon Disulfide
Concen: 3.606 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.010 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07



Tgt Ion: 76 Resp: 435521

Ion	Ratio	Lower	Upper
76	100		
44	20.3	15.8	23.8
78	9.0	7.5	11.3

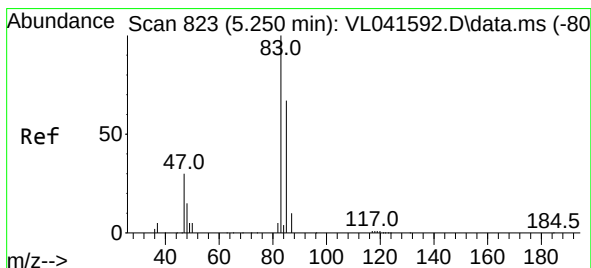
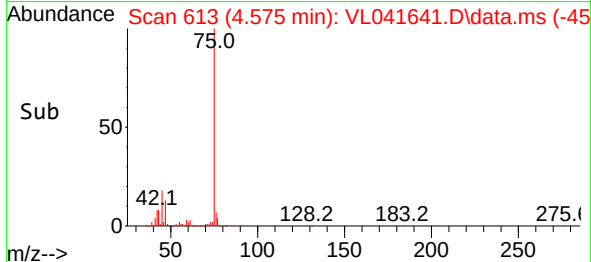
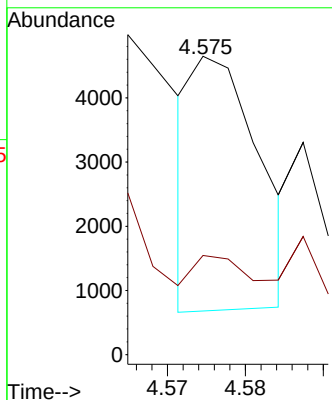
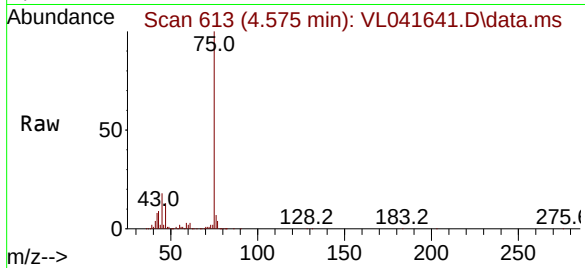




#28
Methyl tert-Butyl Ether
Concen: 0.033 ppbv
RT: 4.575 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

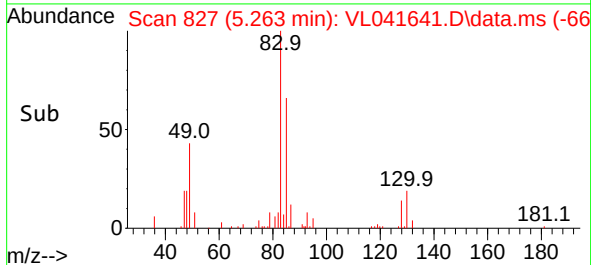
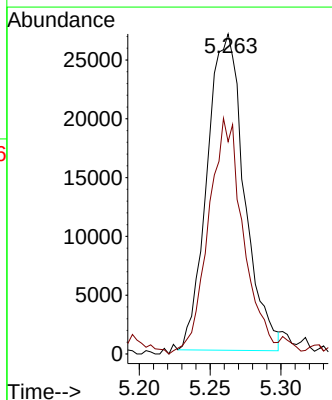
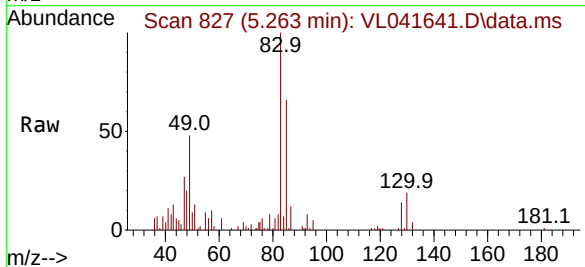
Instrument :
MSVOA_L
ClientSampleId :

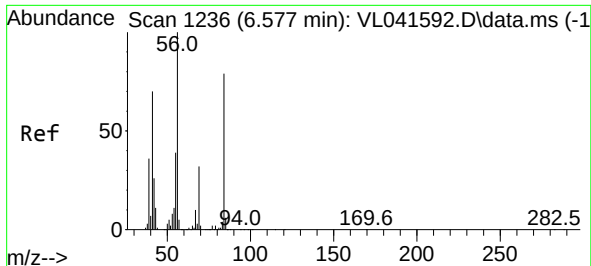
Tgt Ion: 73 Resp: 2336
Ion Ratio Lower Upper
73 100
57 788.4 19.3 28.9#



#29
Chloroform
Concen: 0.265 ppbv
RT: 5.263 min Scan# 827
Delta R.T. 0.013 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 83 Resp: 49257
Ion Ratio Lower Upper
83 100
85 65.4 53.8 80.6

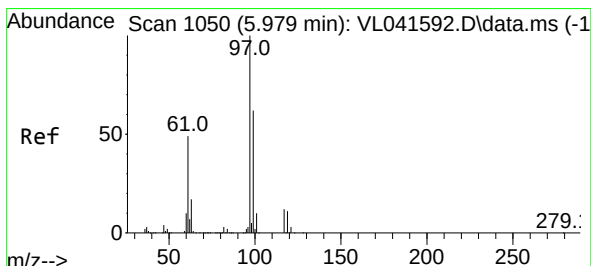
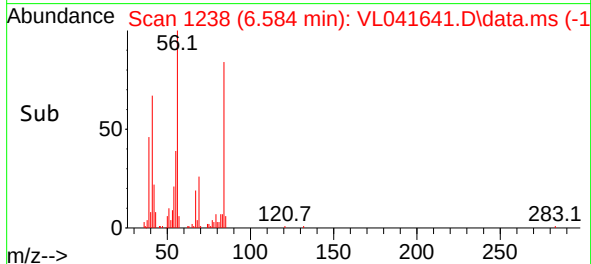
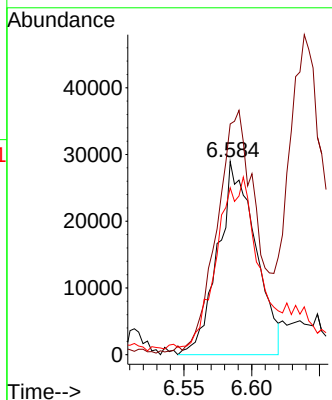
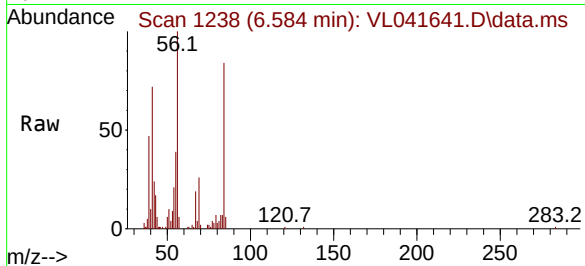




#30
Cyclohexane
Concen: 0.636 ppbv
RT: 6.584 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

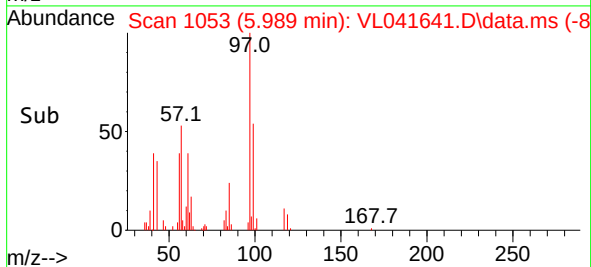
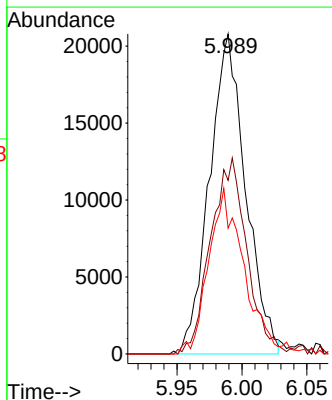
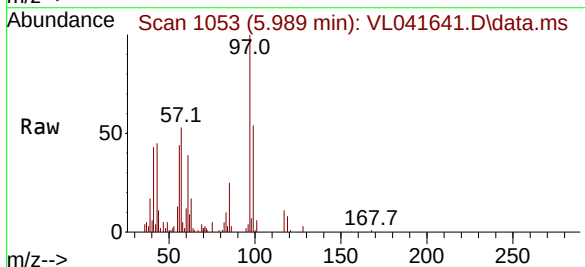
Instrument :
MSVOA_L
ClientSampleId :

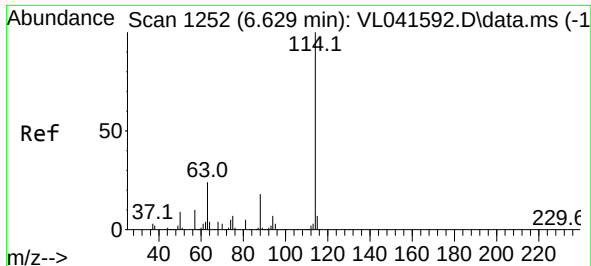
Tgt Ion: 84 Resp: 55689
Ion Ratio Lower Upper
84 100
56 132.7 111.5 167.3
41 120.6 70.9 106.3#



#32
1,1,1-Trichloroethane
Concen: 0.243 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 97 Resp: 40191
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.4
61 51.1 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

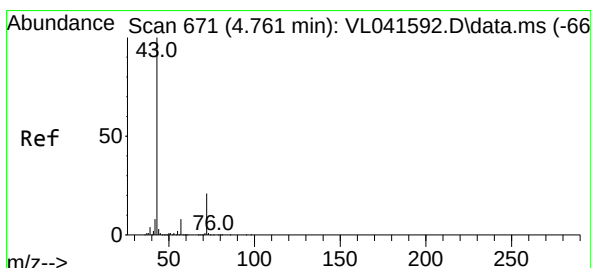
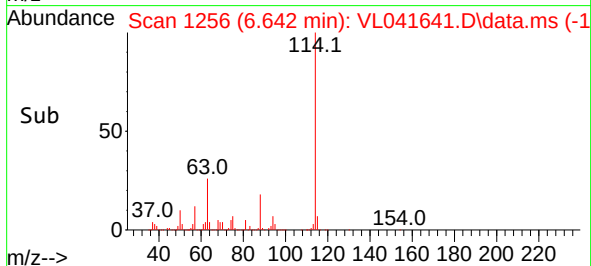
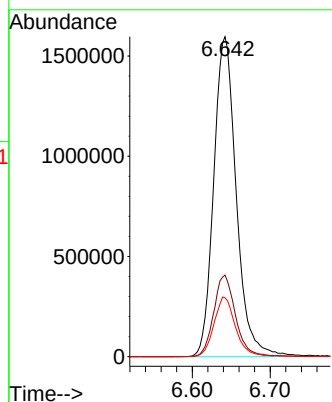
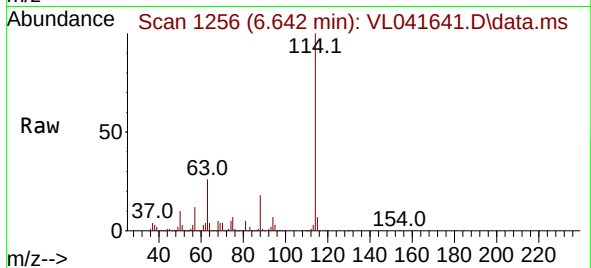
Tgt Ion:114 Resp: 3203069

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

88 18.0 14.2 21.4



#34

2-Butanone

Concen: 25.475 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.007 min

Lab File: VL041641.D

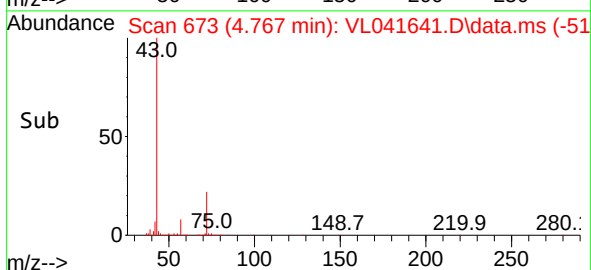
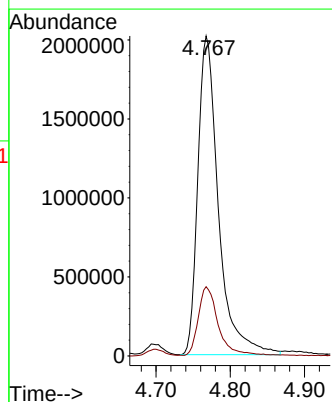
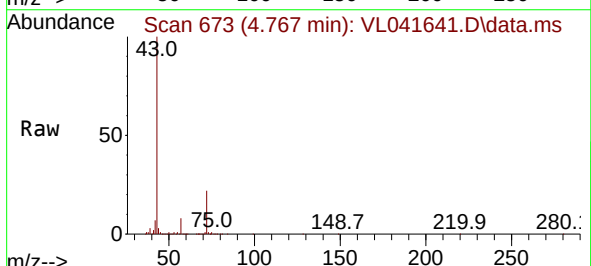
Acq: 10 Oct 2024 14:07

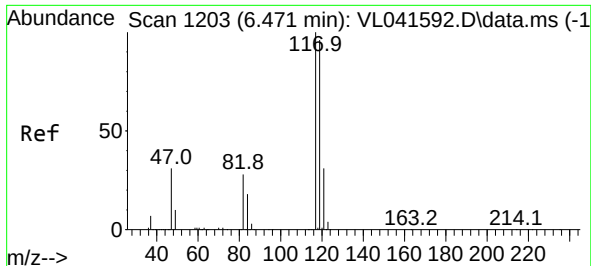
Tgt Ion: 43 Resp: 3890846

Ion Ratio Lower Upper

43 100

72 21.7 16.8 25.2

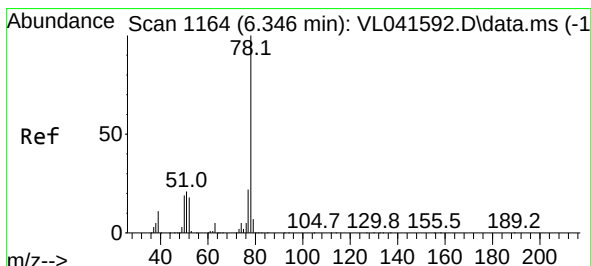
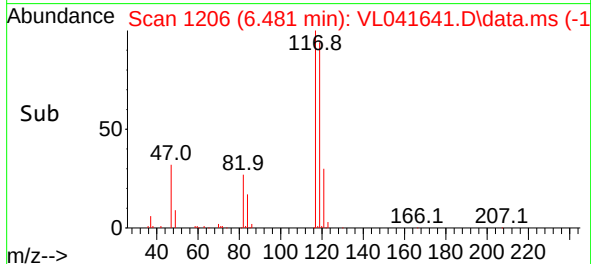
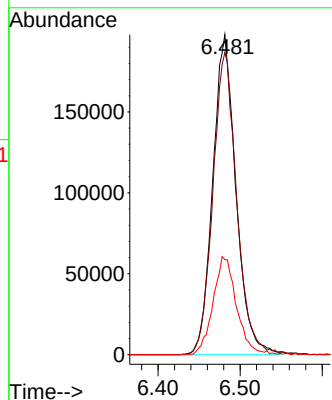
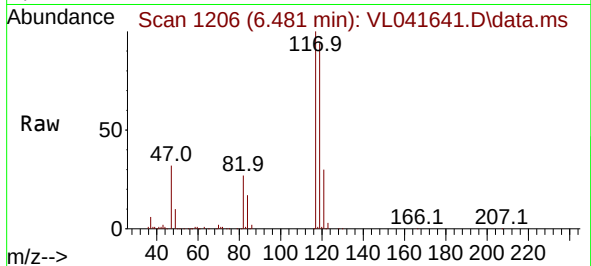




#35
Carbon Tetrachloride
Concen: 2.472 ppbv
RT: 6.481 min Scan# 1166
Delta R.T. 0.010 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

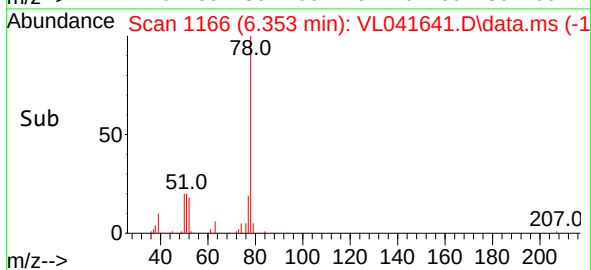
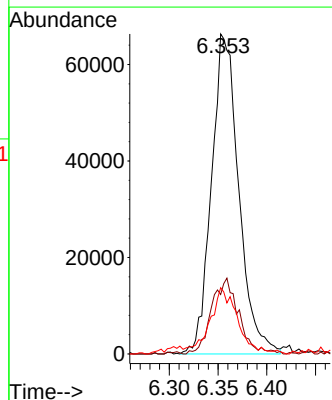
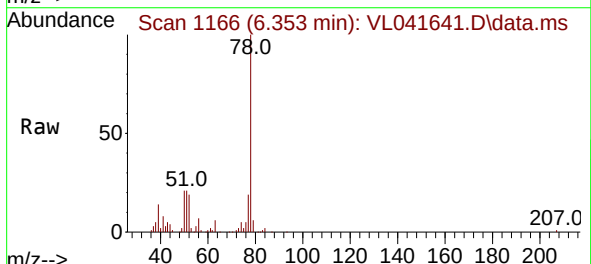
Instrument :
MSVOA_L
ClientSampleId :

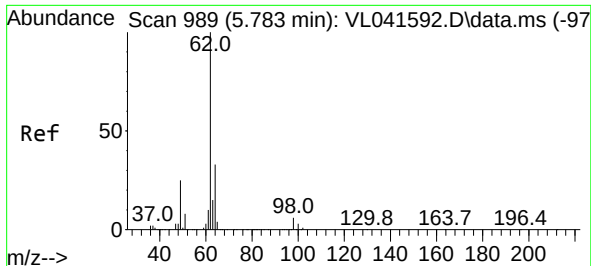
Tgt Ion:117 Resp: 388424
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
121 29.7 25.0 37.6



#36
Benzene
Concen: 0.580 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 78 Resp: 128995
Ion Ratio Lower Upper
78 100
77 18.3 17.8 26.6
50 20.0 15.4 23.0

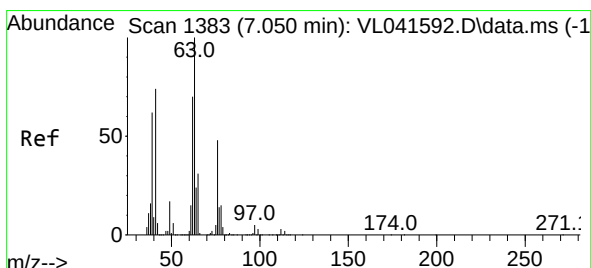
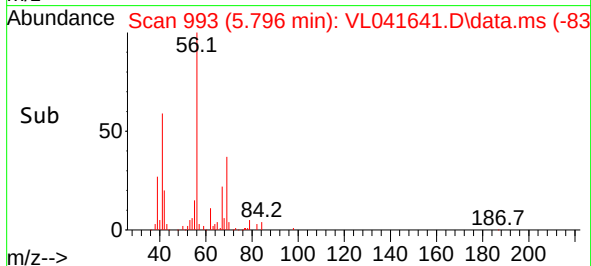
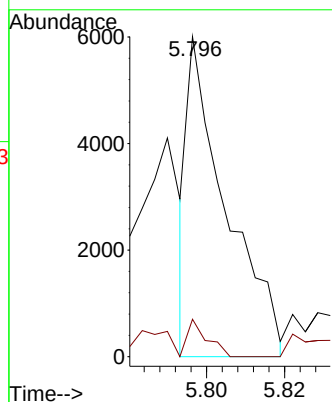
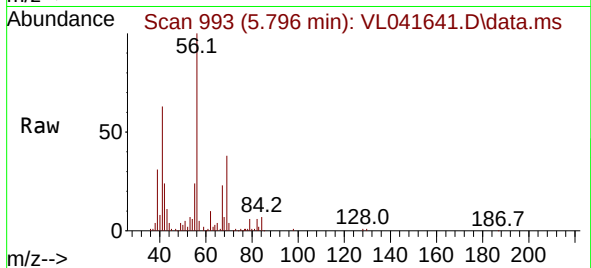




#37
1,2-Dichloroethane
Concen: 0.032 ppbv
RT: 5.796 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

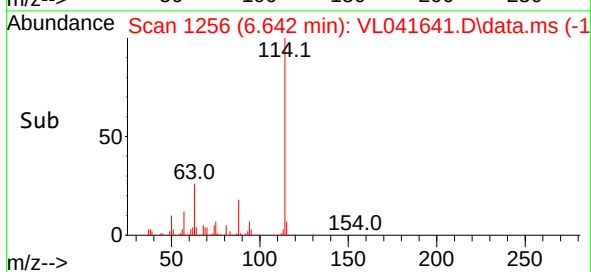
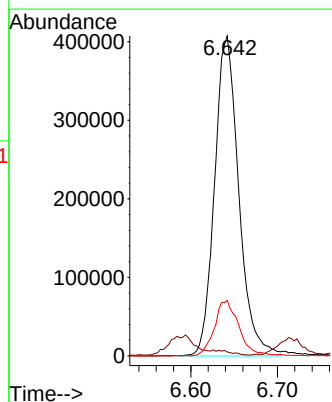
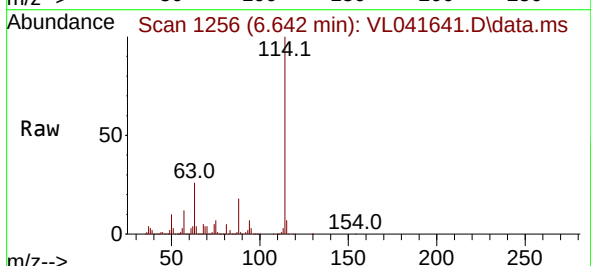
Instrument :
MSVOA_L
ClientSampleId :

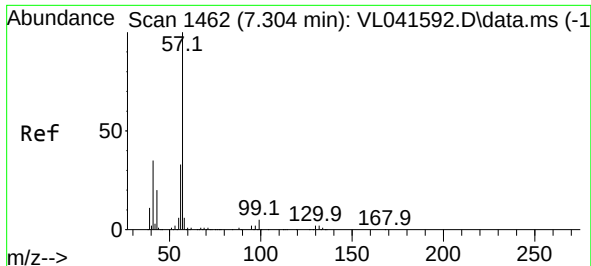
Tgt Ion: 62 Resp: 4156
Ion Ratio Lower Upper
62 100
98 15.5 4.8 7.2#



#39
1,2-Dichloropropane
Concen: 8.735 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.408 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 63 Resp: 790476
Ion Ratio Lower Upper
63 100
41 0.0 59.5 89.3#
62 17.2 56.2 84.2#





#44

2,2,4-Trimethylpentane

Concen: 0.260 ppbv

RT: 7.314 min Scan# 1462

Delta R.T. 0.010 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

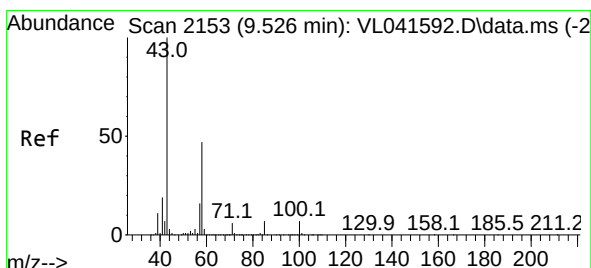
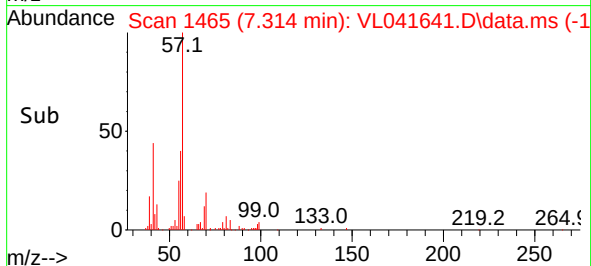
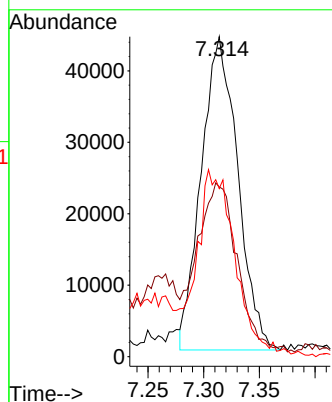
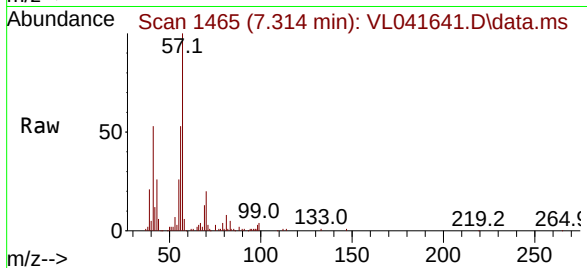
Tgt Ion: 57 Resp: 100066

Ion Ratio Lower Upper

57 100

41 96.3 27.0 40.6#

56 65.8 25.5 38.3#



#51

2-Hexanone

Concen: 2.438 ppbv

RT: 9.545 min Scan# 2159

Delta R.T. 0.020 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

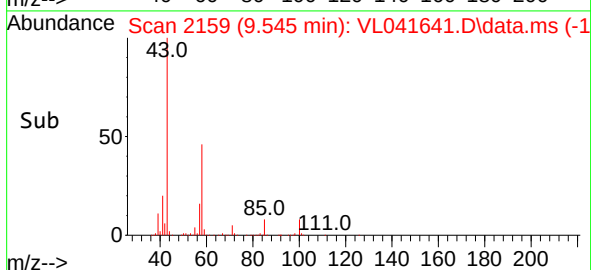
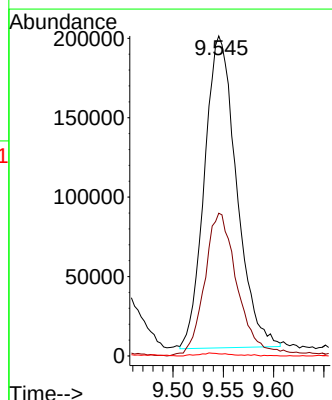
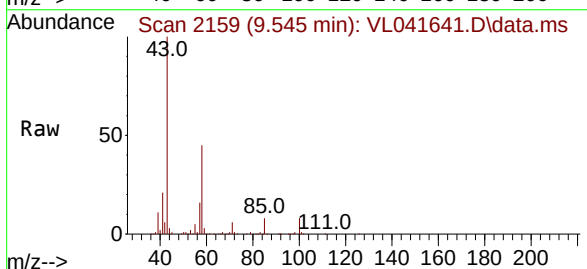
Tgt Ion: 43 Resp: 434961

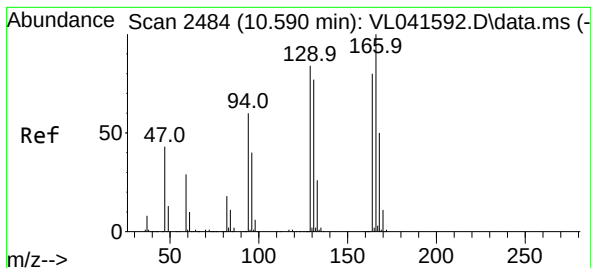
Ion Ratio Lower Upper

43 100

58 47.3 37.2 55.8

98 1.0 0.5 0.7#





#52

Tetrachloroethene

Concen: 2.917 ppbv

RT: 10.603 min Scan# 2488

Delta R.T. 0.013 min

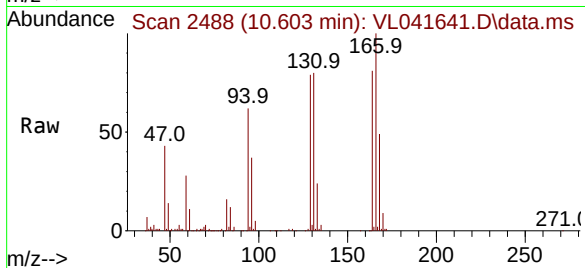
Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 234938

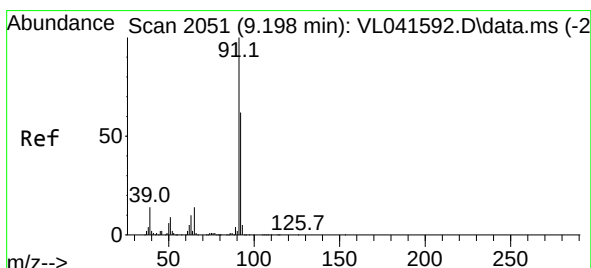
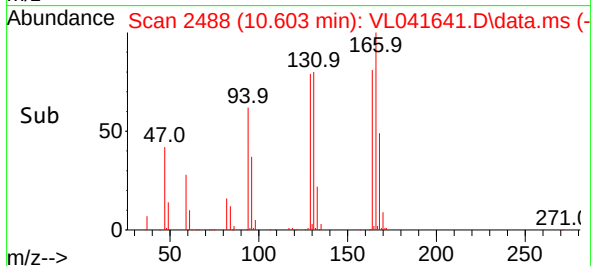
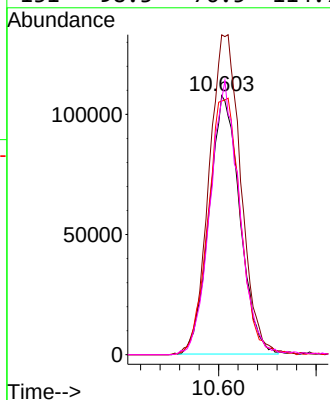
Ion Ratio Lower Upper

164 100

166 123.6 99.4 149.2

129 97.6 83.5 125.3

131 98.3 76.5 114.7



#53

Toluene

Concen: 3.568 ppbv

RT: 9.208 min Scan# 2054

Delta R.T. 0.010 min

Lab File: VL041641.D

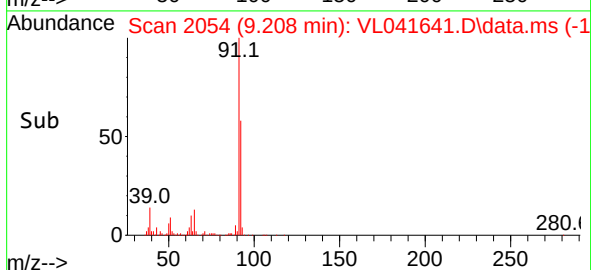
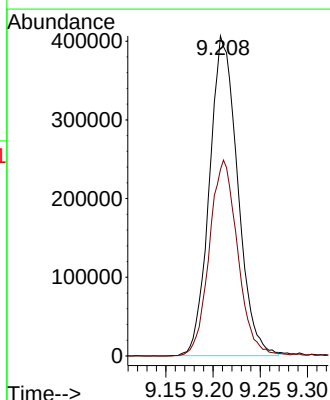
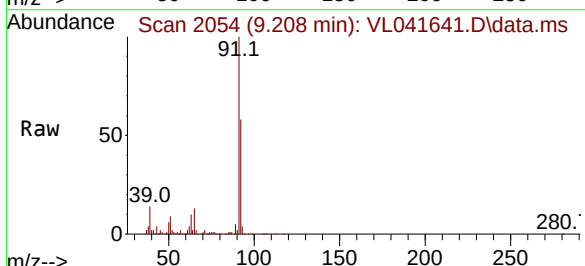
Acq: 10 Oct 2024 14:07

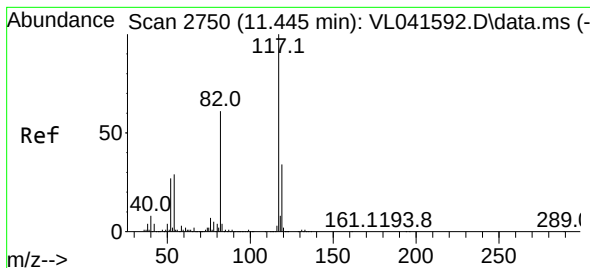
Tgt Ion: 91 Resp: 842532

Ion Ratio Lower Upper

91 100

92 62.2 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

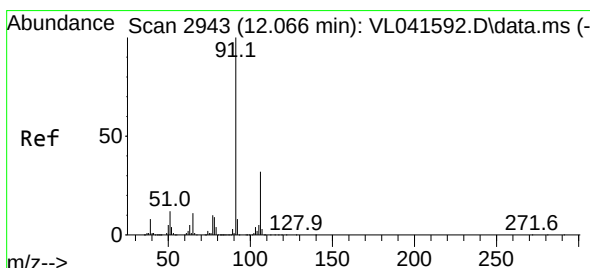
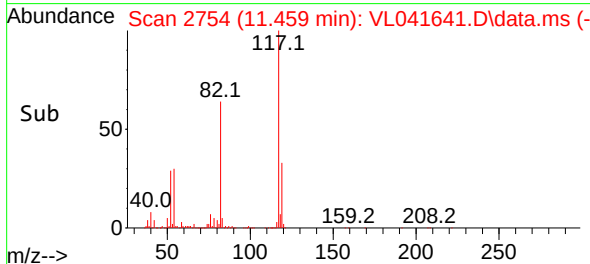
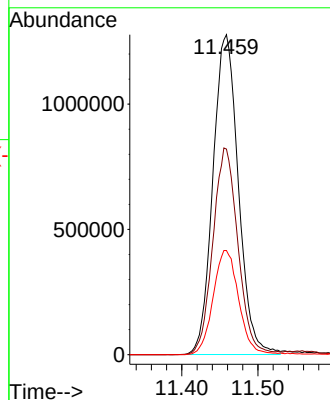
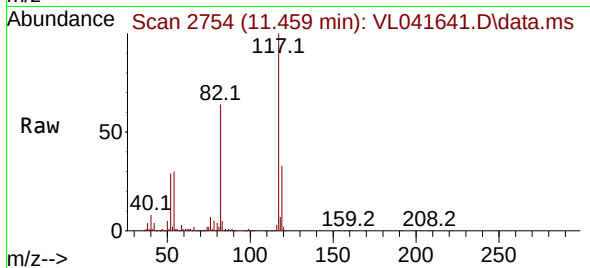
Tgt Ion:117 Resp: 2967134

Ion Ratio Lower Upper

117 100

82 64.2 49.4 74.2

119 33.1 24.4 36.6



#58

Ethyl Benzene

Concen: 0.220 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. 0.013 min

Lab File: VL041641.D

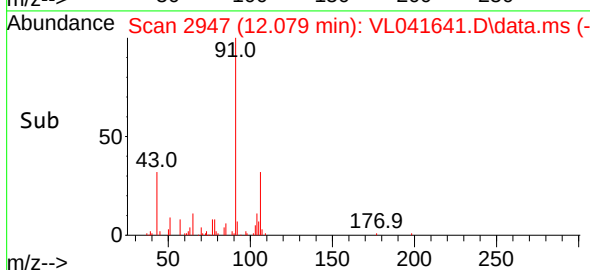
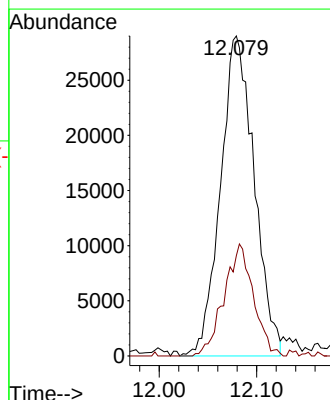
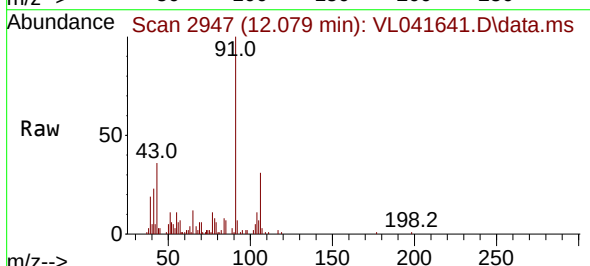
Acq: 10 Oct 2024 14:07

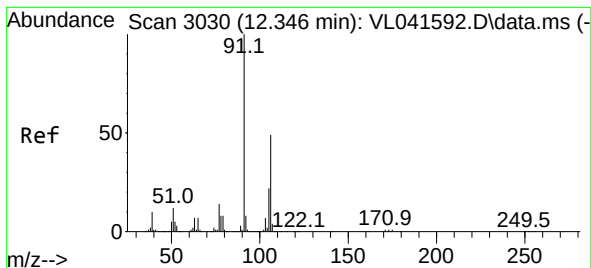
Tgt Ion: 91 Resp: 69794

Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.6

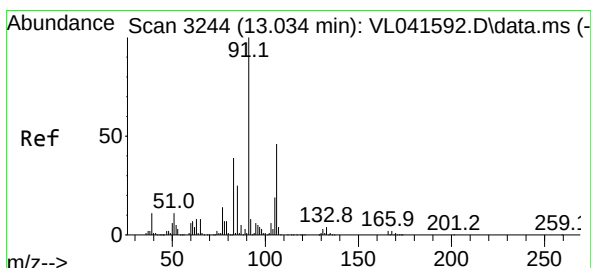
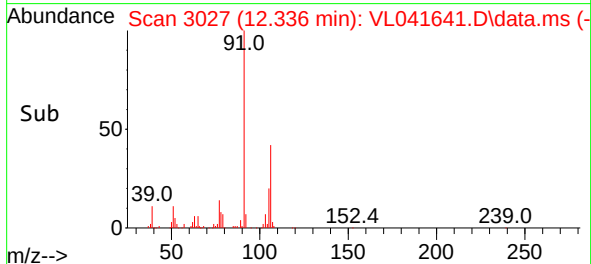
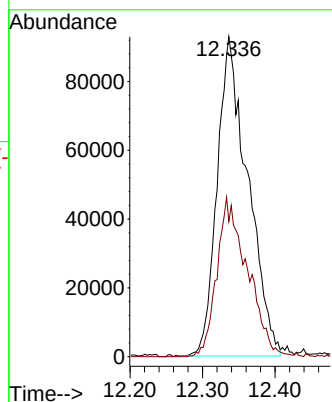
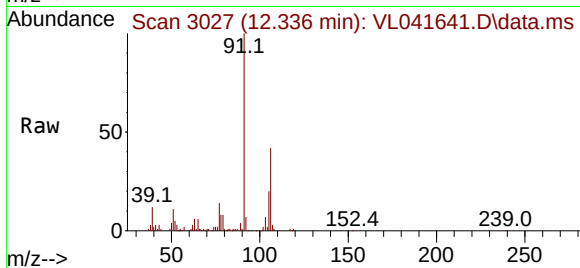




#59
m/p-Xylene
Concen: 0.964 ppbv
RT: 12.336 min Scan# 3030
Delta R.T. -0.009 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

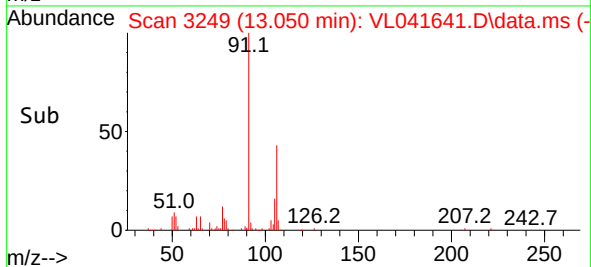
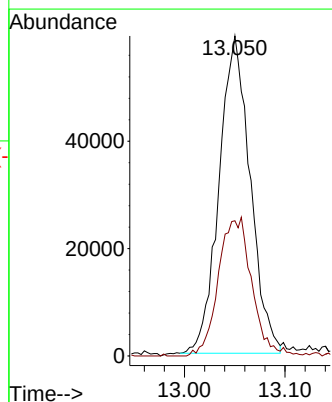
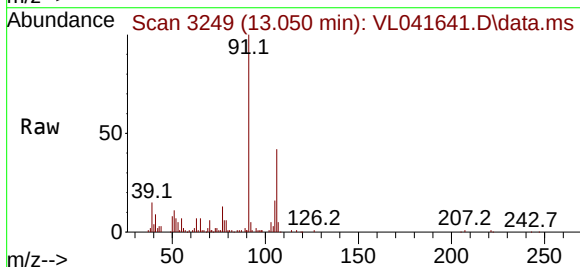
Instrument :
MSVOA_L
ClientSampleId :

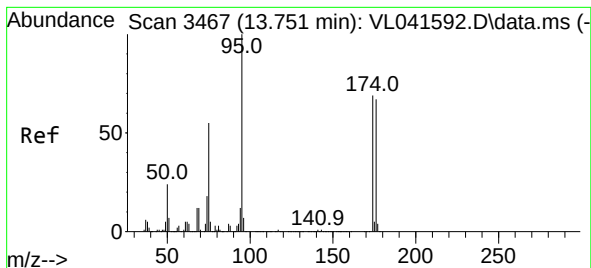
Tgt Ion: 91 Resp: 272414
Ion Ratio Lower Upper
91 100
106 49.8 36.8 55.2



#60
o-Xylene
Concen: 0.469 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.016 min
Lab File: VL041641.D
Acq: 10 Oct 2024 14:07

Tgt Ion: 91 Resp: 127019
Ion Ratio Lower Upper
91 100
106 47.2 23.1 69.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.530 ppbv

RT: 13.767 min Scan# 3467

Delta R.T. 0.016 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

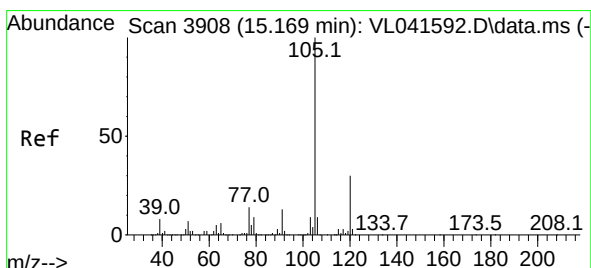
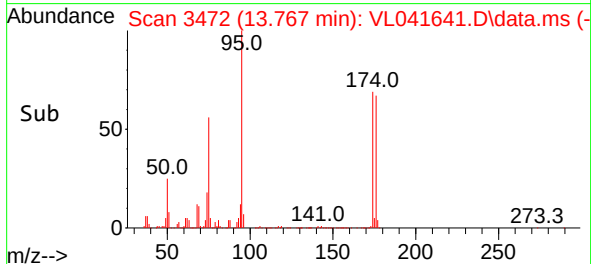
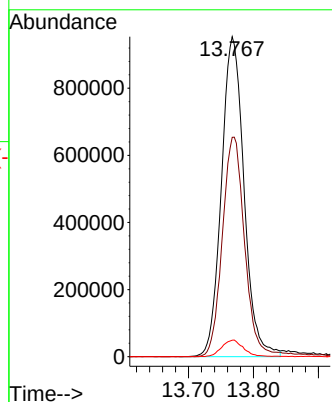
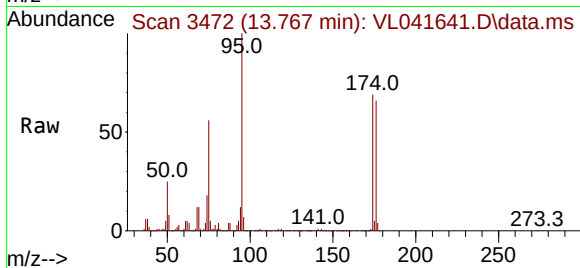
Tgt Ion: 95 Resp: 2300034

Ion Ratio Lower Upper

95 100

174 69.3 55.8 83.8

175 5.1 4.1 6.1



#72

4-Ethyltoluene

Concen: 0.145 ppbv

RT: 15.185 min Scan# 3913

Delta R.T. 0.016 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Tgt Ion: 105 Resp: 46066

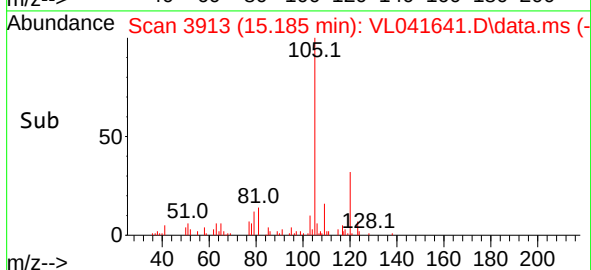
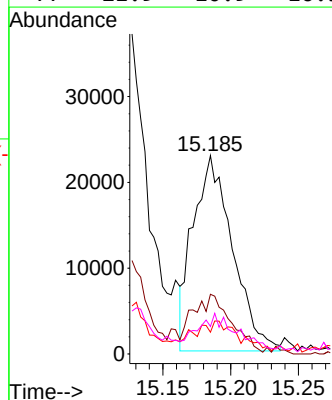
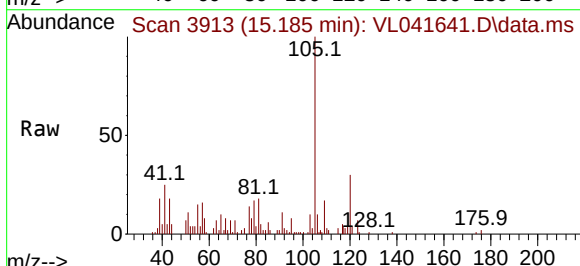
Ion Ratio Lower Upper

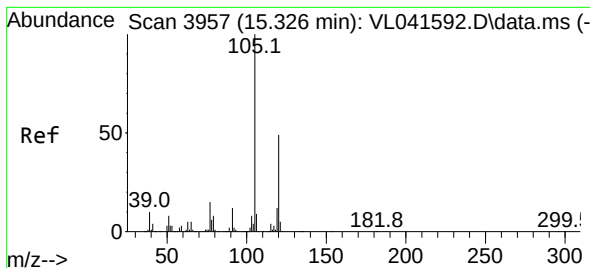
105 100

120 35.4 24.1 36.1

91 22.2 10.2 15.2#

77 21.9 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.187 ppbv

RT: 15.346 min Scan# 3957

Delta R.T. 0.020 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Instrument :

MSVOA_L

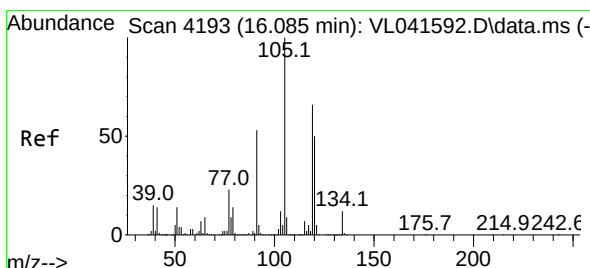
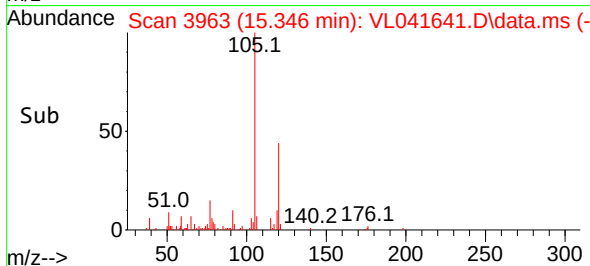
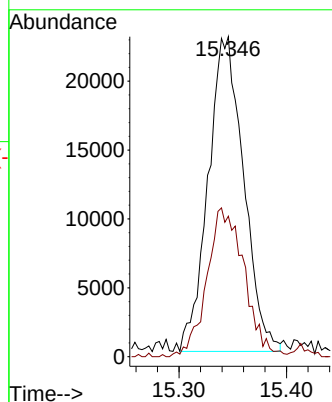
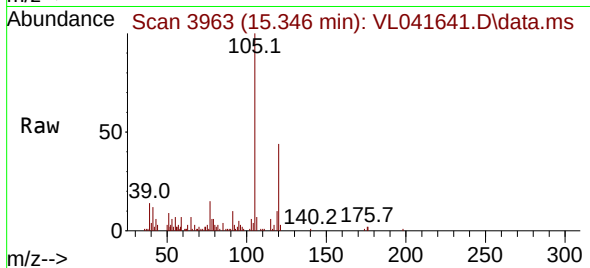
ClientSampleId :

Tgt Ion:105 Resp: 52408

Ion Ratio Lower Upper

105 100

120 43.8 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 0.727 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.013 min

Lab File: VL041641.D

Acq: 10 Oct 2024 14:07

Tgt Ion:105 Resp: 238209

Ion Ratio Lower Upper

105 100

120 45.1 39.9 59.9

91 11.7 42.6 63.8#

77 14.5 18.2 27.2#

