

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042317.D
 Acq On : 11 Apr 2025 13:15
 Operator : SY/MD
 Sample : Q1665-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-2-3242025

Quant Time: Apr 11 22:59:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

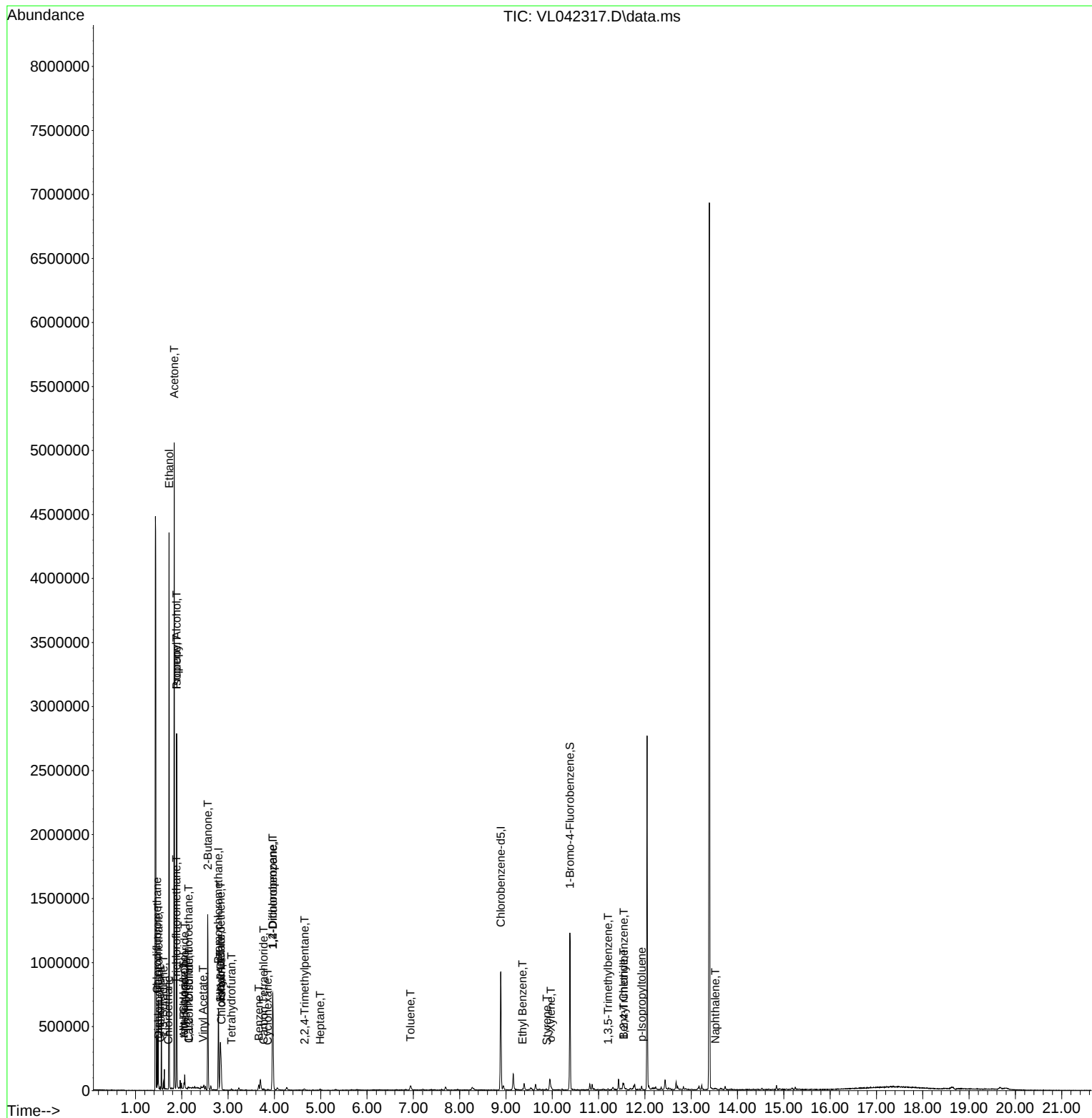
Internal Standards						
1) Bromochloromethane	2.790	49	179309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	422807	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	360993	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	291371	9.829	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10578	0.400	ppbv	98
3) Chlorodifluoromethane	1.466	51	93929	3.473	ppbv #	62
4) Chloromethane	1.531	50	6409	0.592	ppbv	93
7) Chloroethane	1.706	64	240	0.055	ppbv	93
9) Propene	1.887	41	119548	9.644	ppbv	88
10) Heptane	4.988	43	1233	0.037	ppbv #	28
11) Trichlorofluoromethane	1.881	101	5509	0.214	ppbv	86
12) 1,1,2-Trichlorotri fluo...	2.143	101	1509	0.071	ppbv	100
13) Ethanol	1.725	45	1540169	1314.265	ppbv	93
15) Acetone	1.835	43	2074699	82.732	ppbv #	78
16) 1,3-Butadiene	1.602	39	6866	0.561	ppbv #	34
17) tert-Butyl alcohol	2.046	59	14565	0.466	ppbv	97
19) Isopropyl Alcohol	1.887	45	1147205	81.079	ppbv #	58
20) Methylene Chloride	2.065	84	14725	1.577	ppbv	90
21) Allyl Chloride	2.046	41	5543	0.313	ppbv #	32
23) Vinyl Acetate	2.457	43	13063	1.204	ppbv #	96
25) Ethyl Acetate	2.839	43	166820	2.563	ppbv	98
26) Hexane	2.829	57	64050	2.548	ppbv	93
27) Carbon Disulfide	2.152	76	1240	0.046	ppbv #	58
29) Chloroform	2.855	83	50104	1.362	ppbv	95
30) Cyclohexane	3.855	84	856	0.039	ppbv #	1
31) cis-1,2-Dichloroethene	2.842	61	14803	0.580	ppbv #	25
34) 2-Butanone	2.560	43	822701	26.834	ppbv	98
35) Carbon Tetrachloride	3.768	117	2524	0.076	ppbv #	88
36) Benzene	3.664	78	25066	0.598	ppbv #	90
39) 1,2-Dichloropropane	3.962	63	108598	7.114	ppbv #	23
41) Tetrahydrofuran	3.072	42	2277	0.129	ppbv #	67
44) 2,2,4-Trimethylpentane	4.651	57	5375	0.076	ppbv #	33
53) Toluene	6.939	91	24232	0.488	ppbv	99
58) Ethyl Benzene	9.357	91	4399	0.069	ppbv	91
60) o-Xylene	9.969	91	5940	0.116	ppbv	89
61) Styrene	9.878	104	838	0.033	ppbv #	1
66) Benzyl Chloride	11.539	91	1109	0.147	ppbv #	70
69) p-Isopropyltoluene	11.930	119	7802	0.092	ppbv #	68
73) 1,3,5-Trimethylbenzene	11.205	105	1875	0.034	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	7764	0.121	ppbv #	72
79) Naphthalene	13.520	128	3811	0.054	ppbv	98

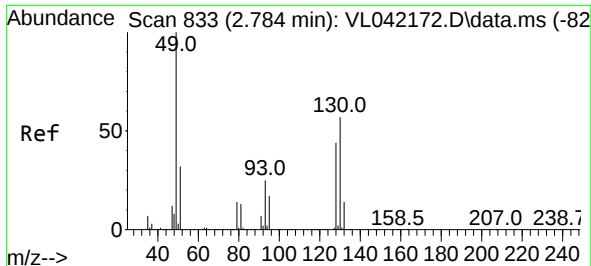
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VL042317.D
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Misc : 400mL/MSVOA_L
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Instrument :
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ClientSampleId :
IA-B10-2-3242025

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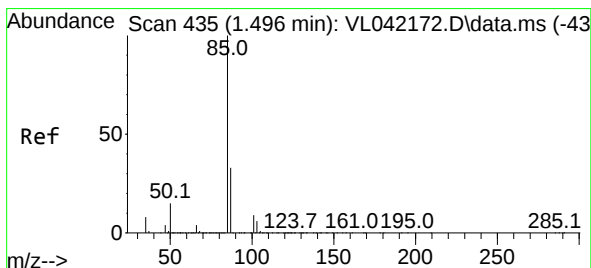
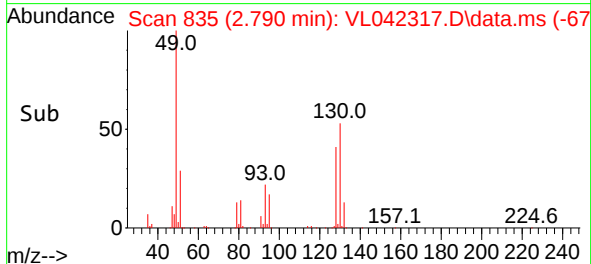
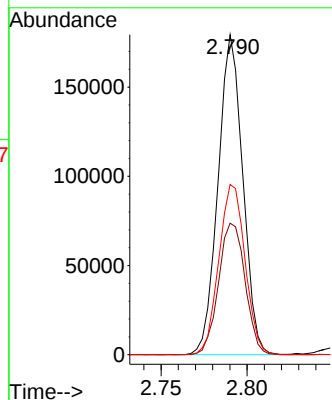
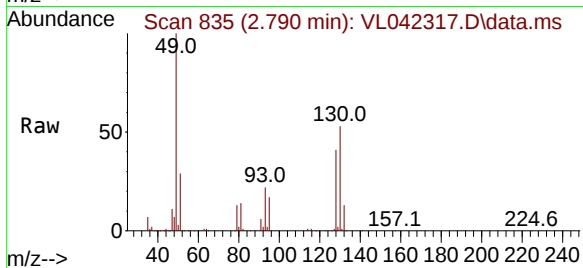




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042317.D
 Acq: 11 Apr 2025 13:15

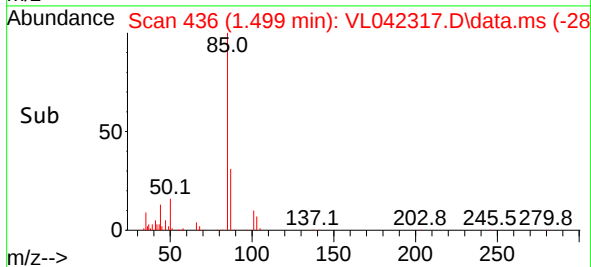
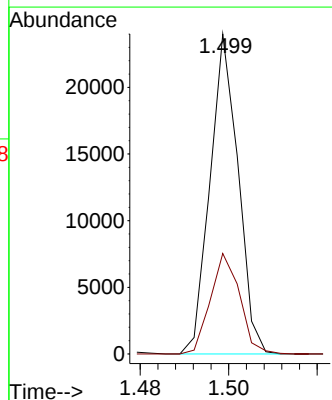
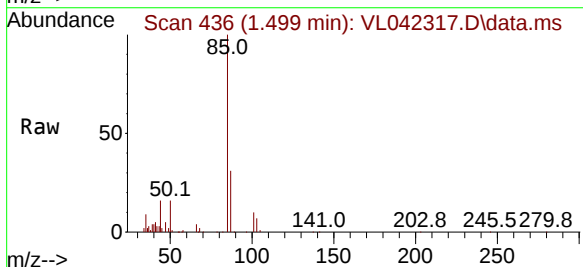
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-2-3242025

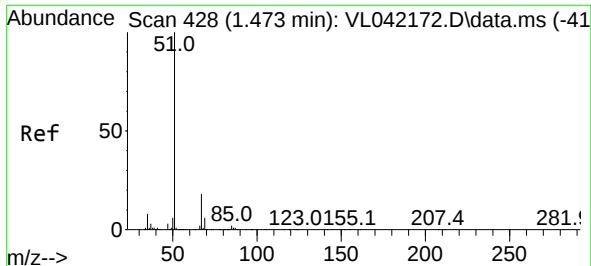
Tgt Ion: 49 Resp: 179309
 Ion Ratio Lower Upper
 49 100
 128 44.1 22.9 68.5
 130 56.5 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.400 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VL042317.D
 Acq: 11 Apr 2025 13:15

Tgt Ion: 85 Resp: 10578
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.1 39.1

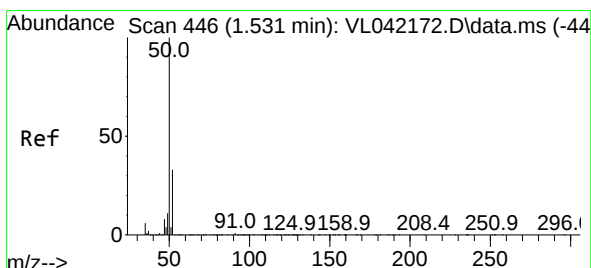
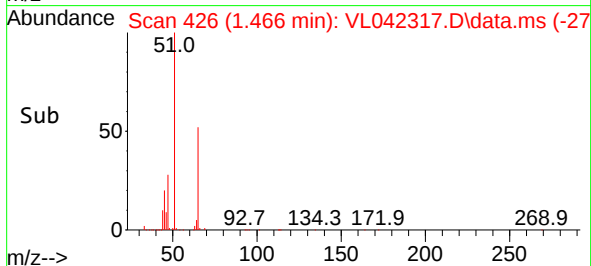
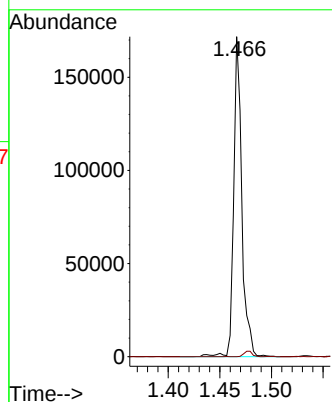
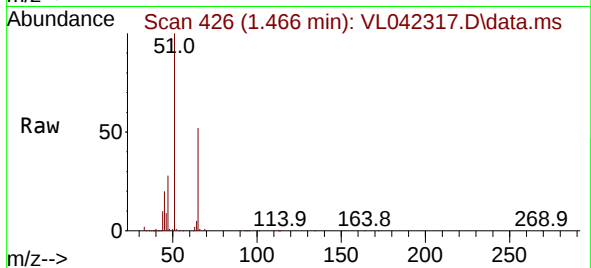




#3
Chlorodifluoromethane
Concen: 3.473 ppbv
RT: 1.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

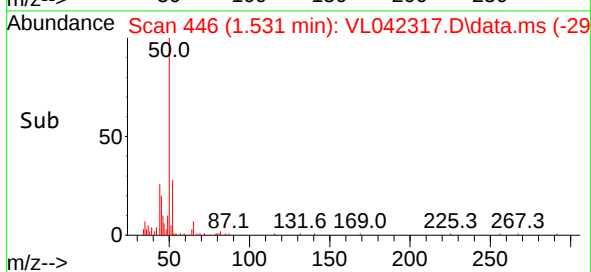
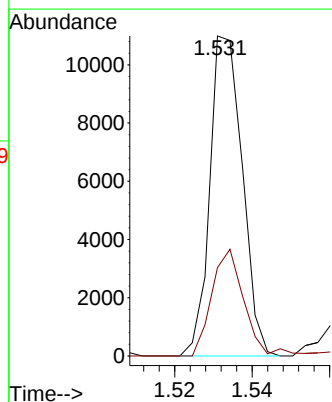
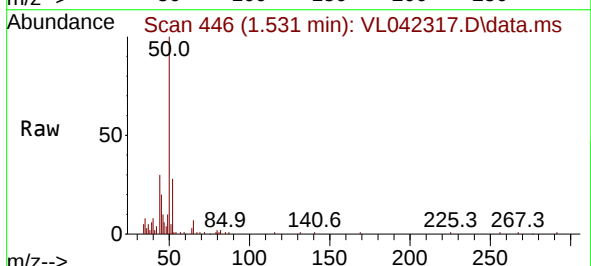
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

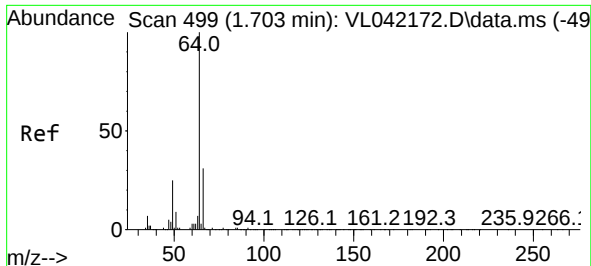
Tgt Ion: 51 Resp: 93929
Ion Ratio Lower Upper
51 100
67 1.8 15.0 22.6#



#4
Chloromethane
Concen: 0.592 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 50 Resp: 6409
Ion Ratio Lower Upper
50 100
52 28.9 26.1 39.1

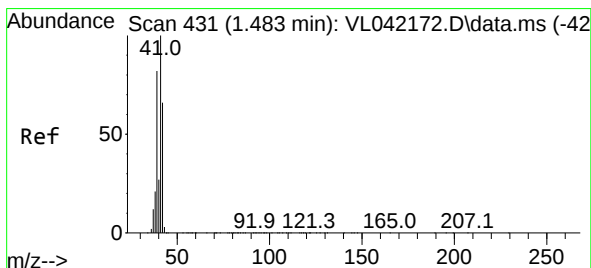
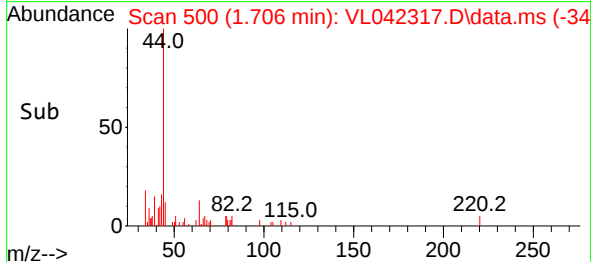
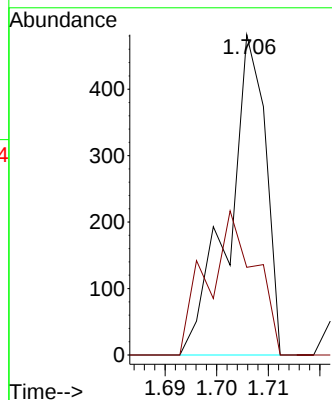
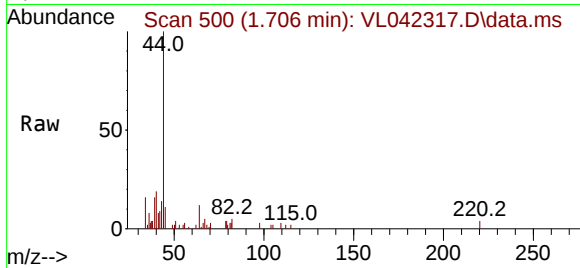




#7
Chloroethane
Concen: 0.055 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

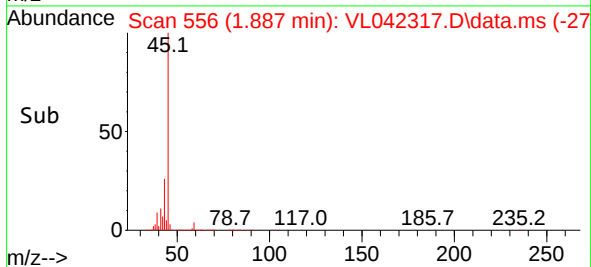
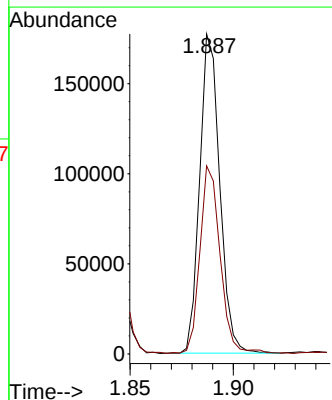
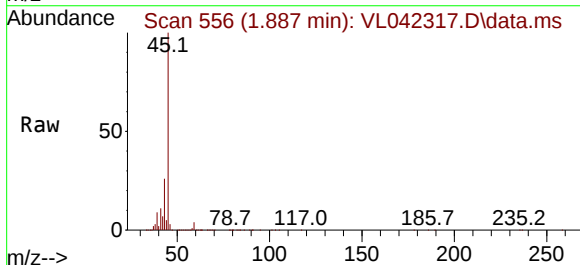
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

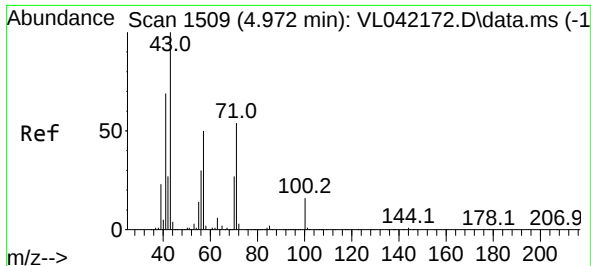
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 27.4 25.2 37.8



#9
Propene
Concen: 9.644 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.404 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 41 Resp: 119548
Ion Ratio Lower Upper
41 100
42 59.2 55.4 83.2

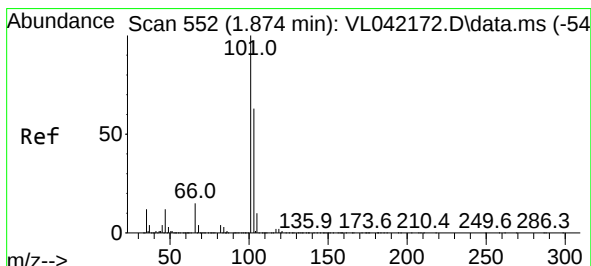
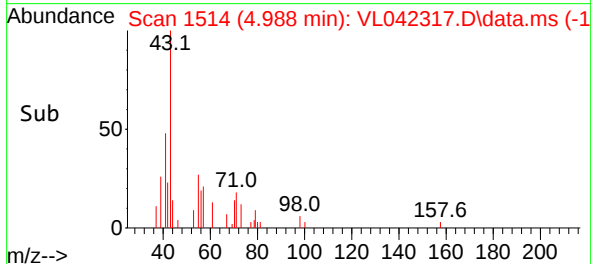
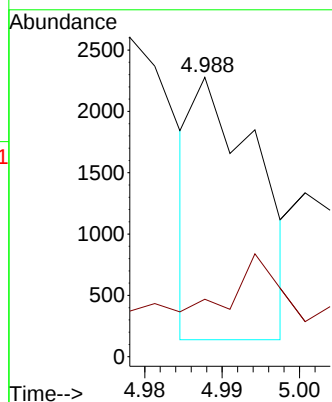
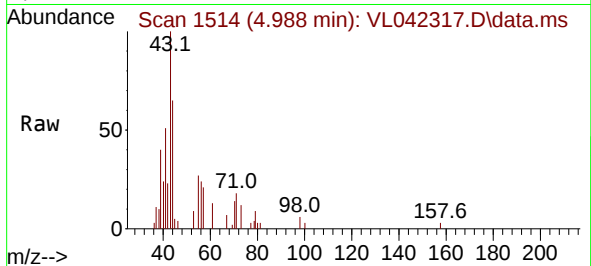




#10
Heptane
Concen: 0.037 ppbv
RT: 4.988 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

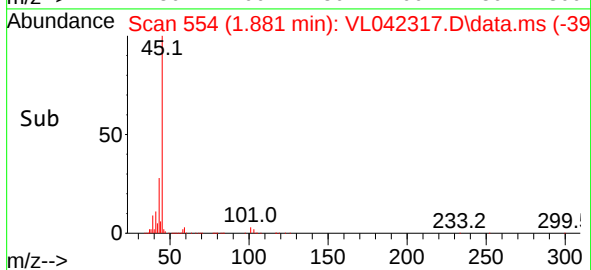
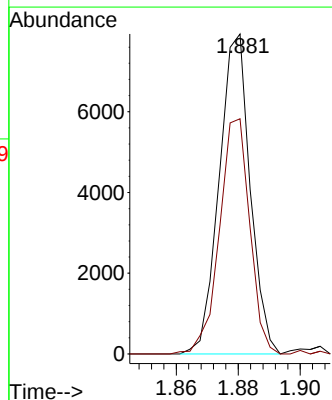
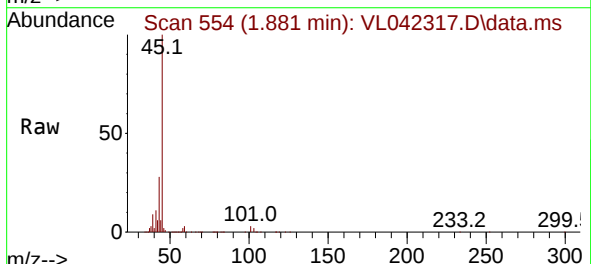
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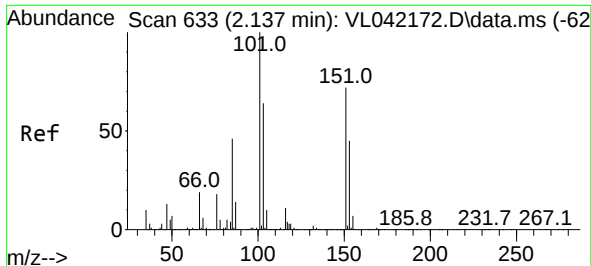
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
57 0.0 39.4 59.2#



#11
Trichlorofluoromethane
Concen: 0.214 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 101 Resp: 5509
Ion Ratio Lower Upper
101 100
103 73.5 50.2 75.2

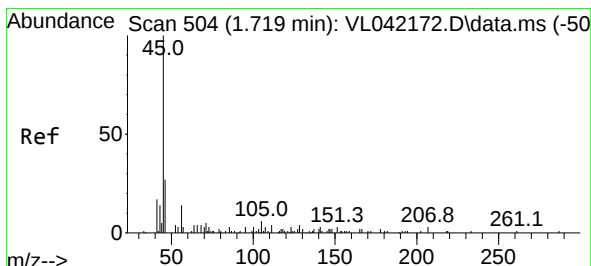
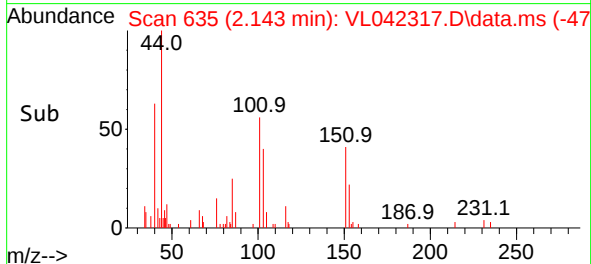
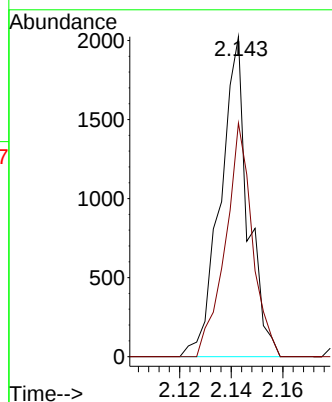
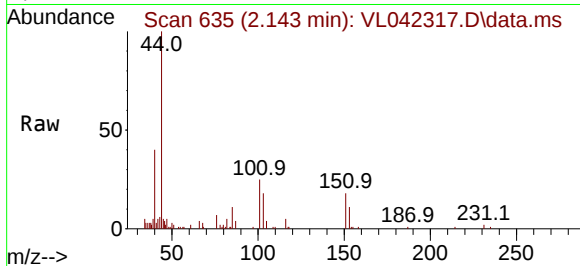




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.071 ppbv
RT: 2.143 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

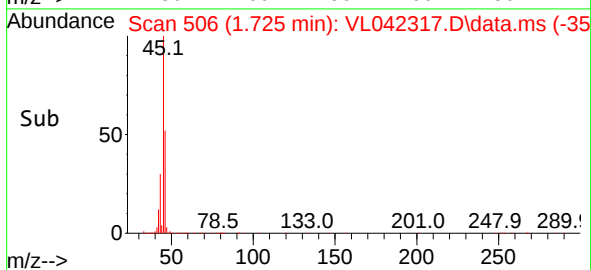
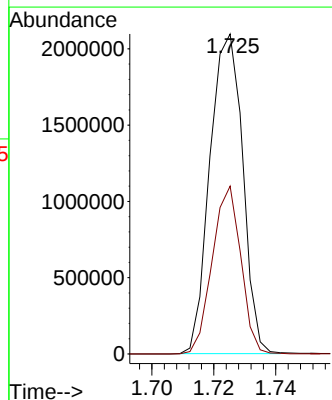
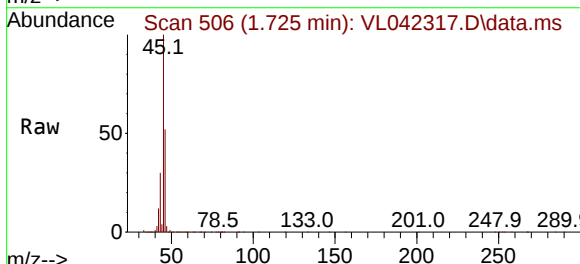
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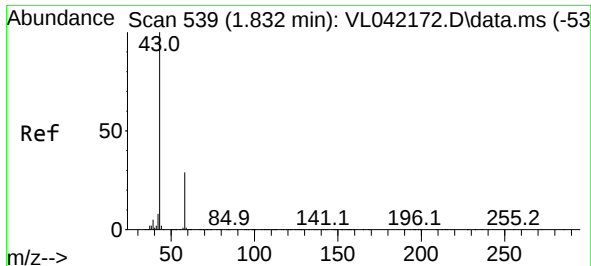
Tgt Ion:101 Resp: 1509
Ion Ratio Lower Upper
101 100
151 71.1 57.1 85.7



#13
Ethanol
Concen: 1314.265 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 45 Resp: 1540169
Ion Ratio Lower Upper
45 100
46 45.9 20.2 80.8

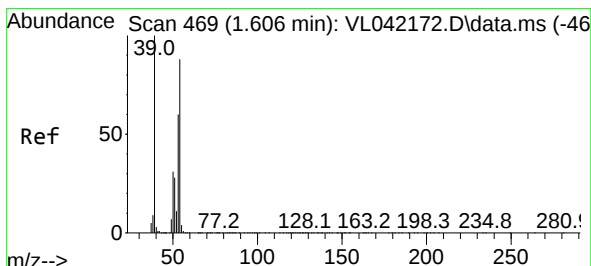
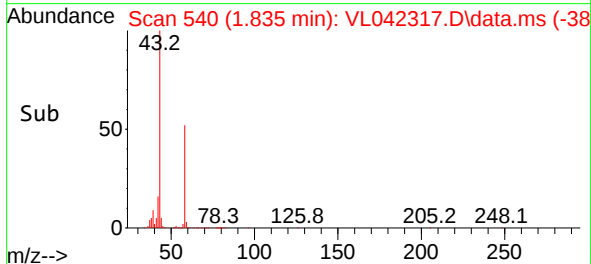
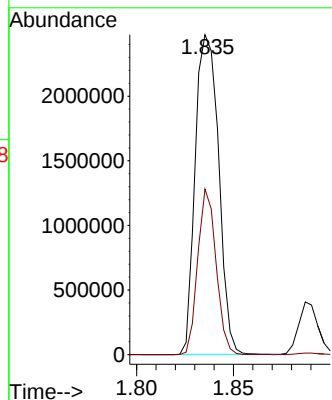
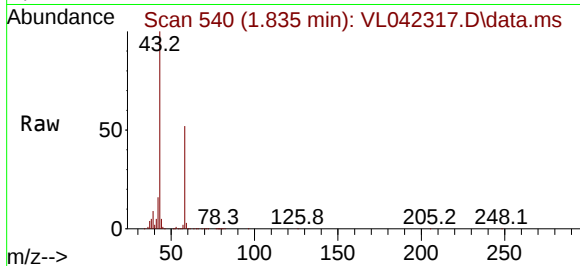




#15
Acetone
Concen: 82.732 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

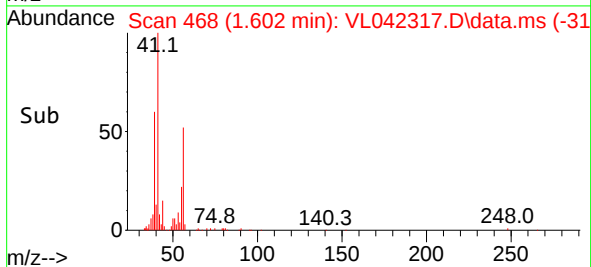
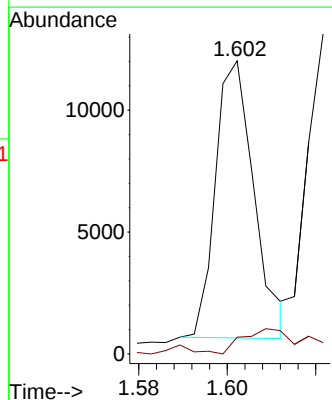
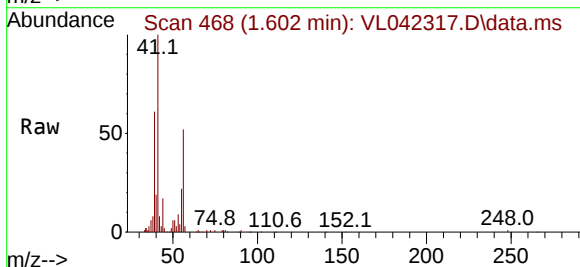
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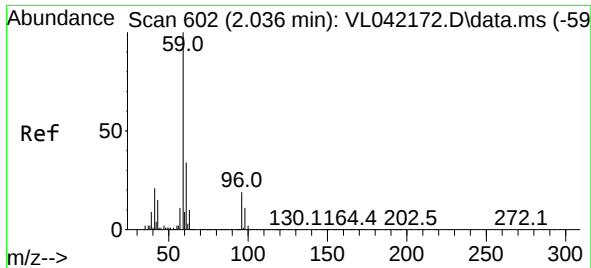
Tgt Ion: 43 Resp: 2074699
Ion Ratio Lower Upper
43 100
58 40.8 23.2 34.8#



#16
1,3-Butadiene
Concen: 0.561 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.004 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 39 Resp: 6866
Ion Ratio Lower Upper
39 100
54 19.3 60.7 91.1#

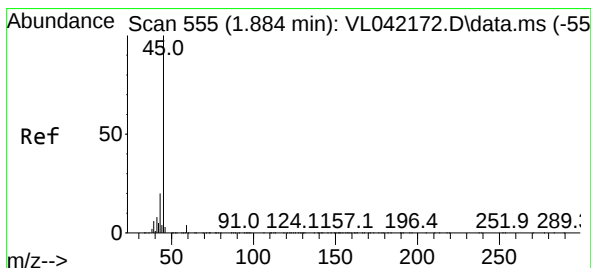
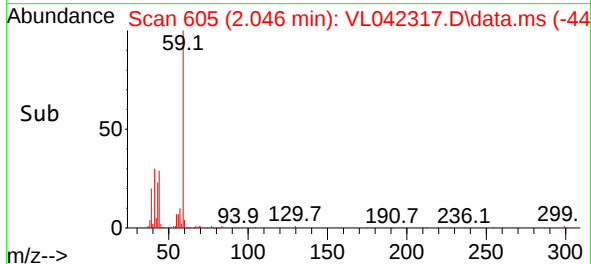
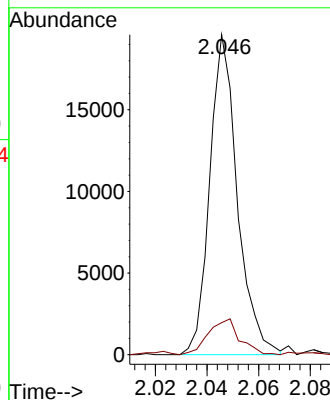
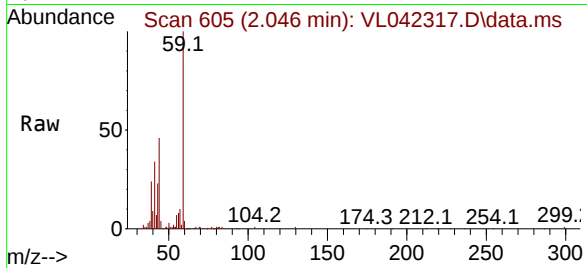




#17
tert-Butyl alcohol
Concen: 0.466 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

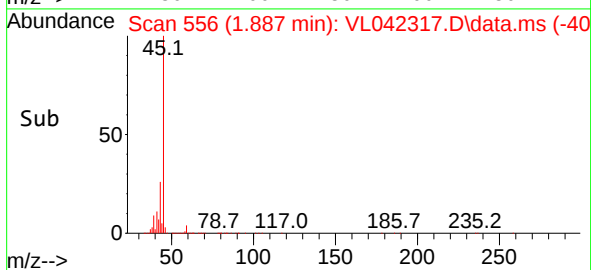
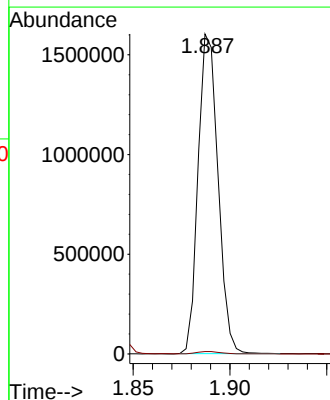
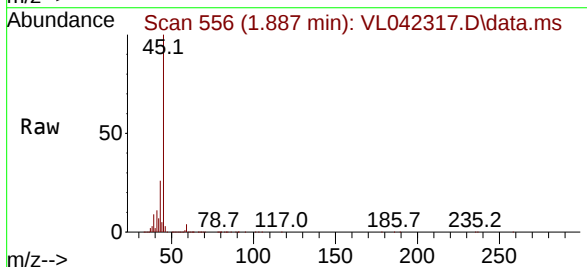
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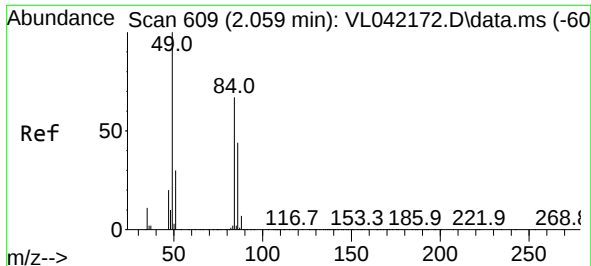
Tgt Ion: 59 Resp: 14565
Ion Ratio Lower Upper
59 100
57 12.2 8.9 13.3



#19
Isopropyl Alcohol
Concen: 81.079 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 45 Resp: 1147205
Ion Ratio Lower Upper
45 100
58 73.9 36.9 55.3#

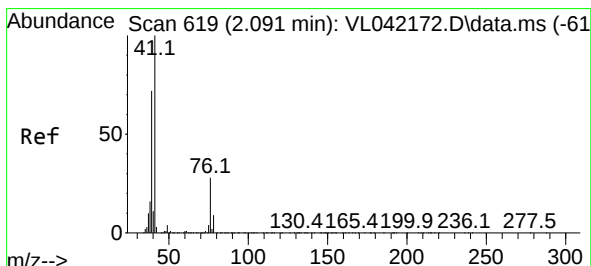
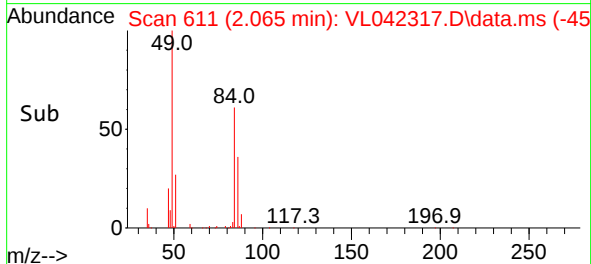
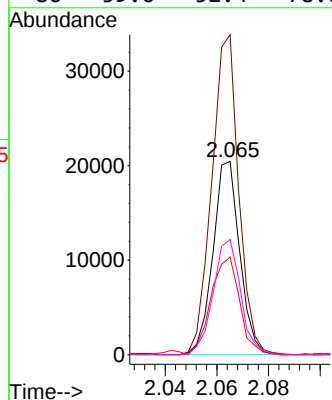
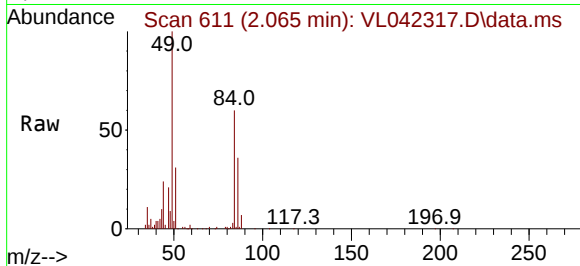




#20
Methylene Chloride
Concen: 1.577 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

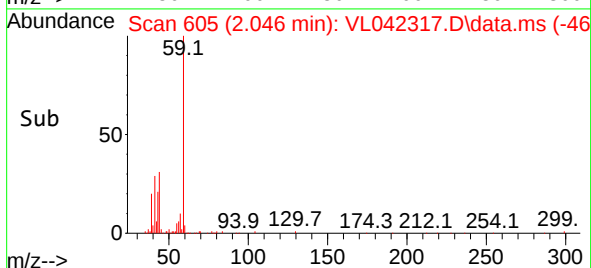
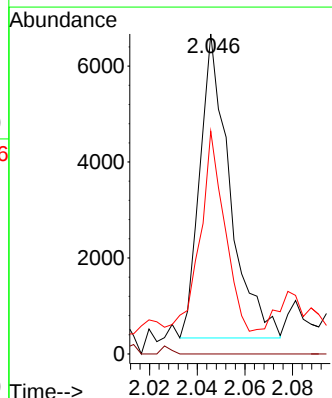
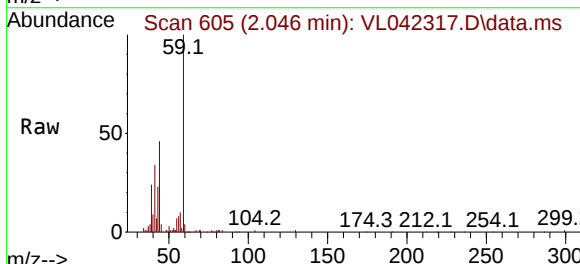
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

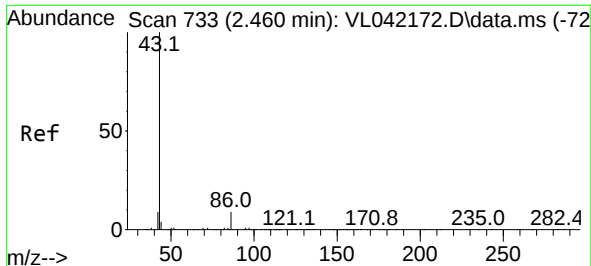
Tgt Ion:	84	Resp:	14725
Ion	Ratio	Lower	Upper
84	100		
49	165.6	120.2	180.4
51	49.9	37.4	56.0
86	59.6	52.4	78.6



#21
Allyl Chloride
Concen: 0.313 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.046 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion:	41	Resp:	5543
Ion	Ratio	Lower	Upper
41	100		
76	22.6	24.1	36.1#
39	0.0	61.1	91.7#

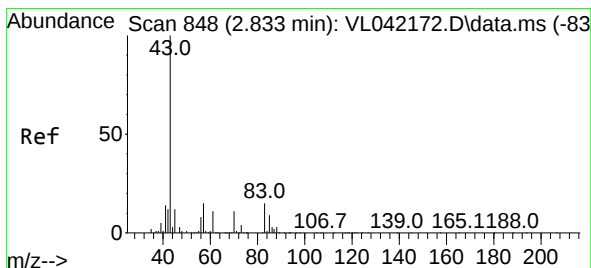
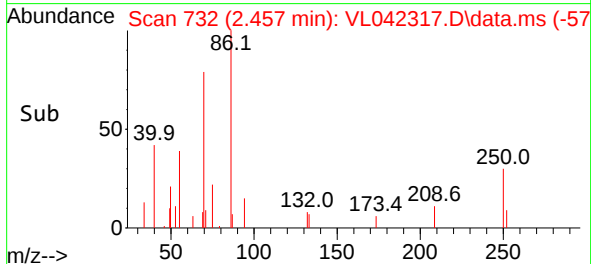
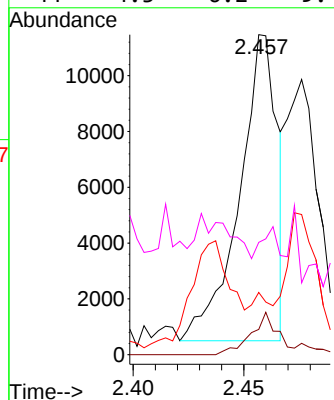
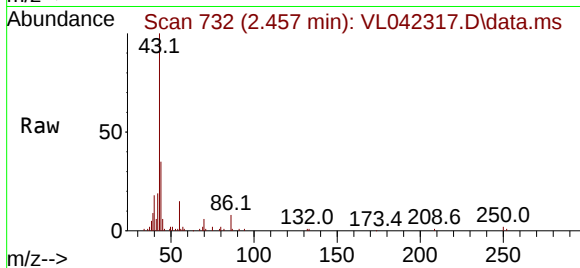




#23
Vinyl Acetate
Concen: 1.204 ppbv
RT: 2.457 min Scan# 71
Delta R.T. -0.004 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

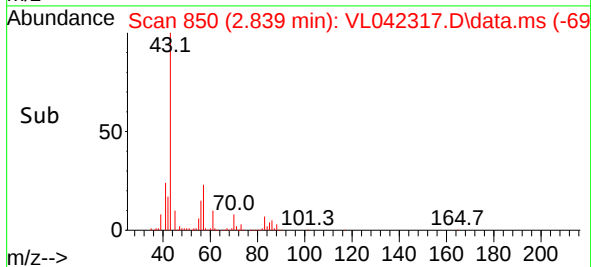
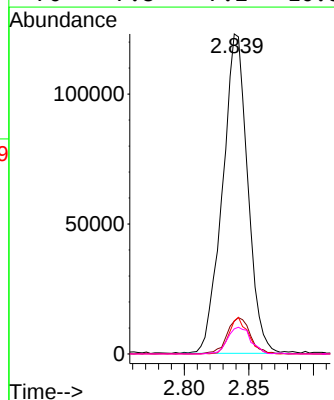
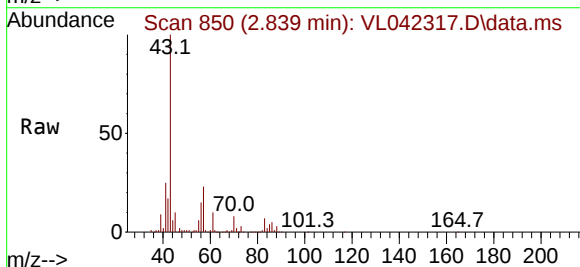
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

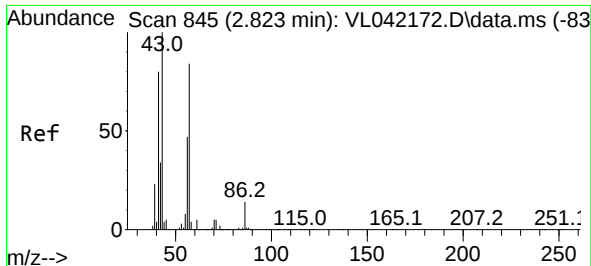
Tgt Ion:	43	Resp:	13063
Ion	Ratio	Lower	Upper
43	100		
86	8.3	5.5	8.3
42	10.8	8.6	13.0
44	4.3	6.2	9.4



#25
Ethyl Acetate
Concen: 2.563 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion:	43	Resp:	166820
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.2
61	8.9	7.3	10.9
70	7.8	7.2	10.8

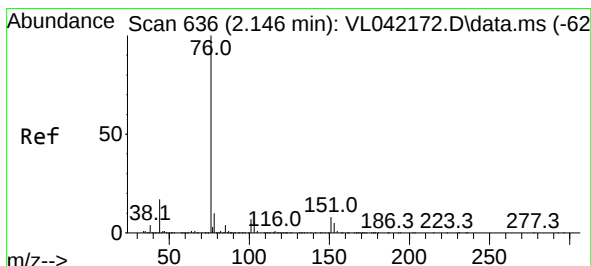
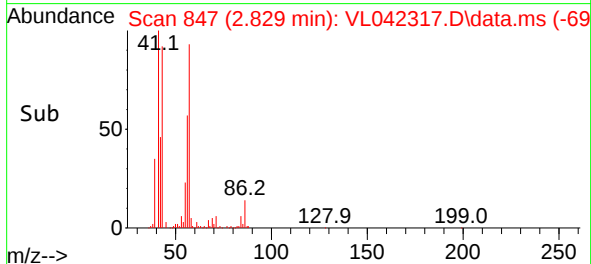
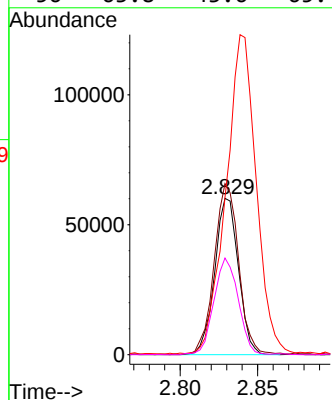
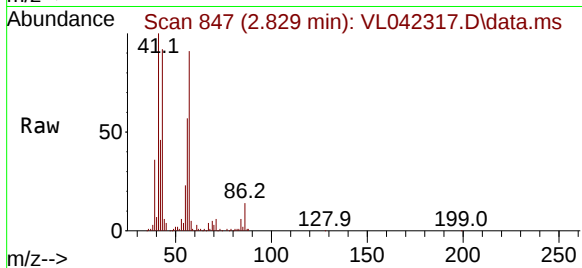




#26
Hexane
Concen: 2.548 ppbv
RT: 2.829 min Scan# 845
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

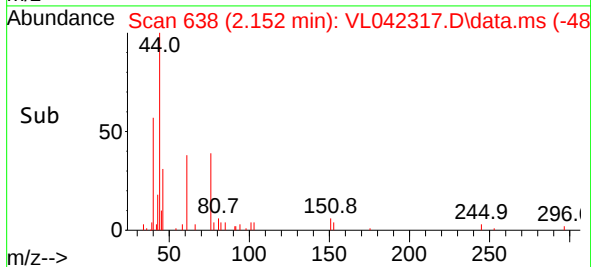
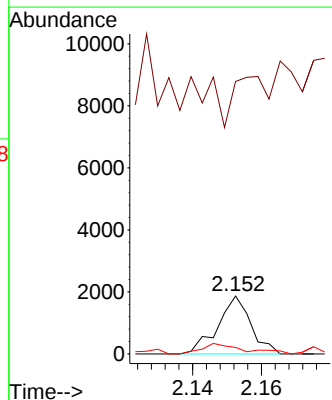
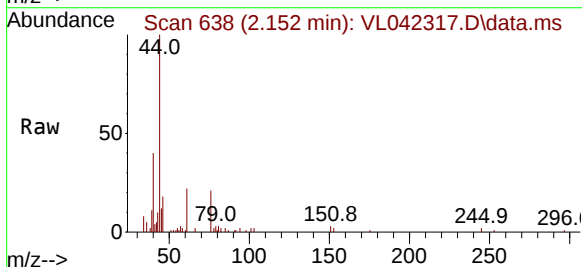
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

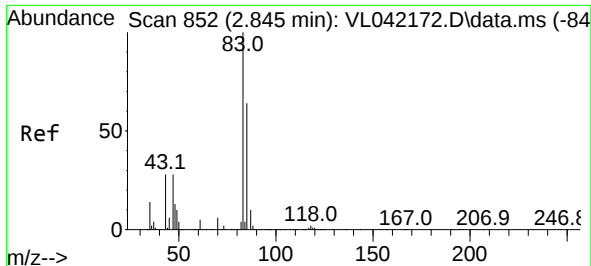
Tgt Ion: 57 Resp: 64050
Ion Ratio Lower Upper
57 100
41 113.9 76.6 114.8
43 263.8 207.8 311.8
56 63.8 43.6 65.4



#27
Carbon Disulfide
Concen: 0.046 ppbv
RT: 2.152 min Scan# 638
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 76 Resp: 1240
Ion Ratio Lower Upper
76 100
44 0.0 14.7 22.1#
78 27.7 9.3 13.9#





#29

Chloroform

Concen: 1.362 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.009 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

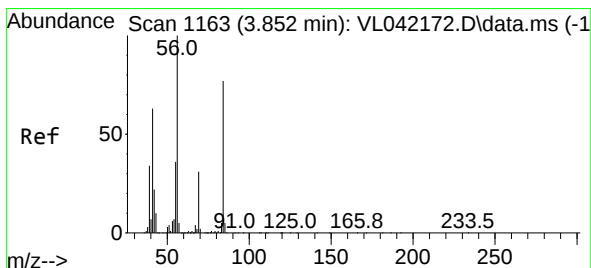
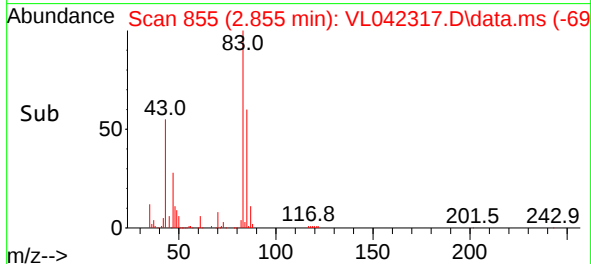
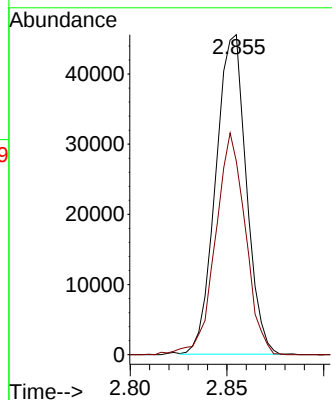
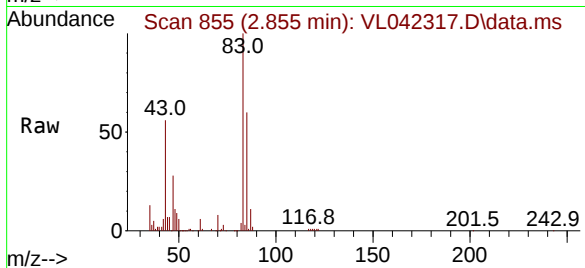
IA-B10-2-3242025

Tgt Ion: 83 Resp: 50104

Ion Ratio Lower Upper

83 100

85 60.2 51.4 77.2



#30

Cyclohexane

Concen: 0.039 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

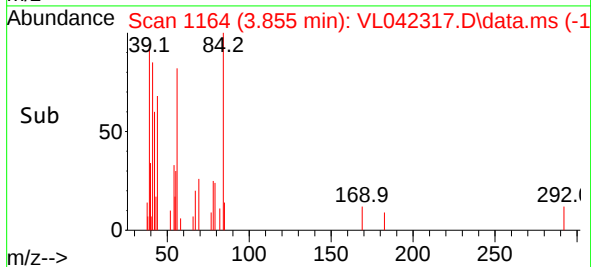
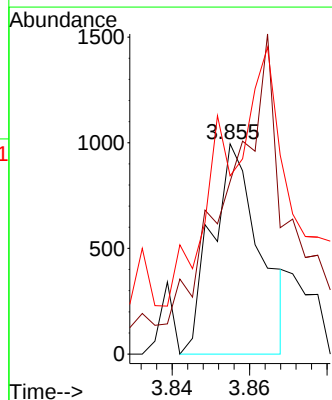
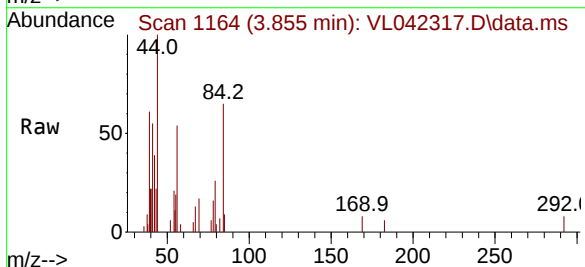
Tgt Ion: 84 Resp: 856

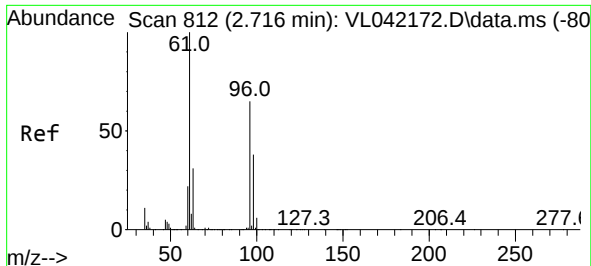
Ion Ratio Lower Upper

84 100

56 233.3 102.8 154.2#

41 244.7 66.5 99.7#

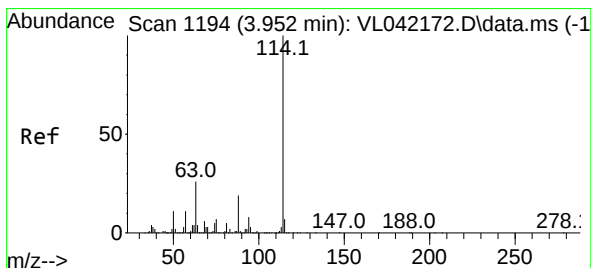
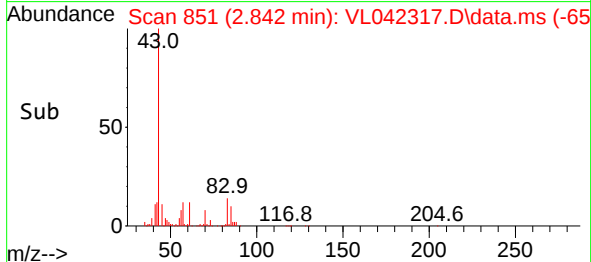
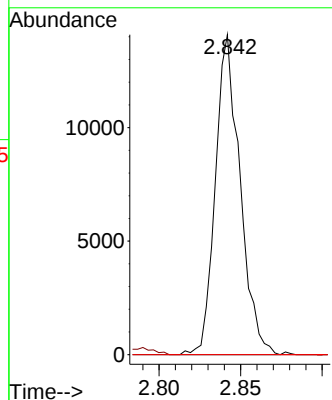
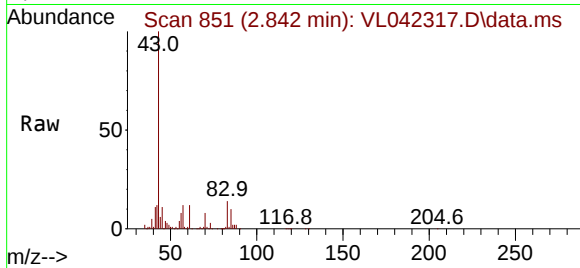




#31
 cis-1,2-Dichloroethene
 Concen: 0.580 ppbv
 RT: 2.842 min Scan# 812
 Delta R.T. 0.126 min
 Lab File: VL042317.D
 Acq: 11 Apr 2025 13:15

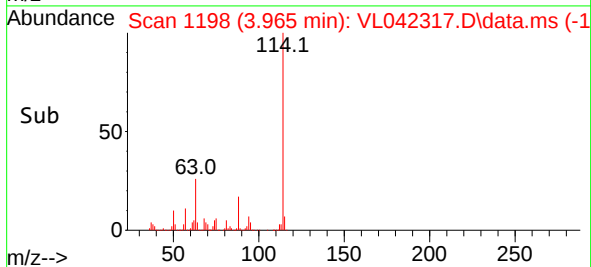
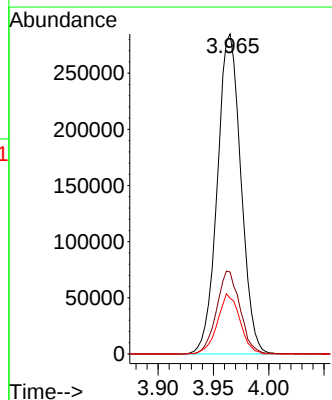
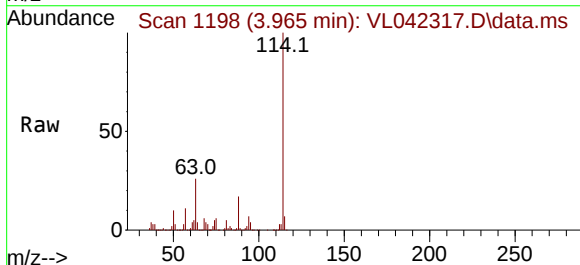
Instrument :
 MSVOA_L
 ClientSampleId :
 LA-B10-2-3242025

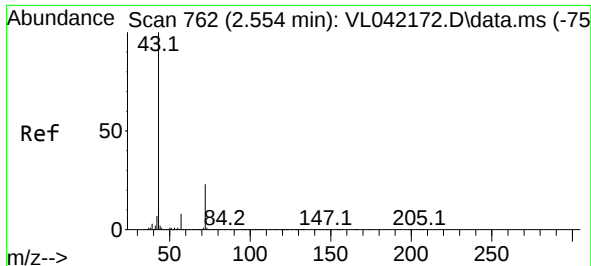
Tgt Ion: 61 Resp: 14803
 Ion Ratio Lower Upper
 61 100
 96 0.0 51.8 77.8#
 98 0.0 30.6 46.0#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. 0.013 min
 Lab File: VL042317.D
 Acq: 11 Apr 2025 13:15

Tgt Ion: 114 Resp: 422807
 Ion Ratio Lower Upper
 114 100
 63 25.8 20.7 31.1
 88 17.9 15.0 22.4

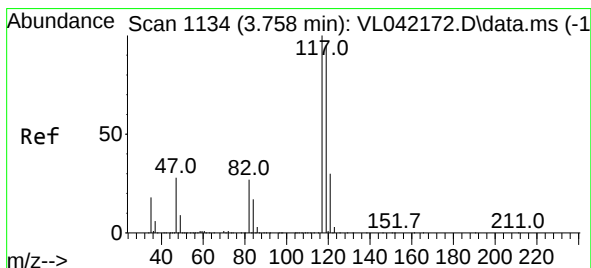
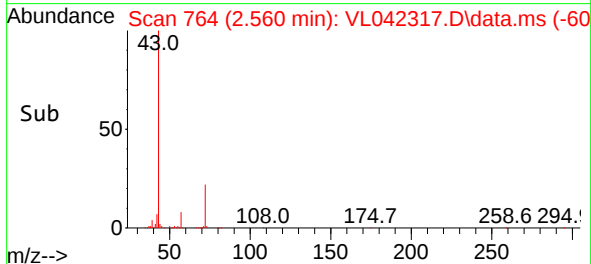
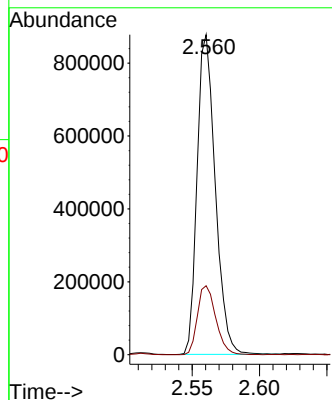
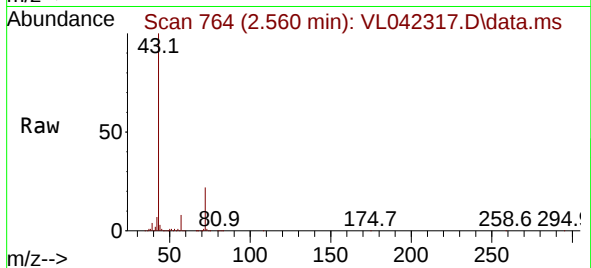




#34
2-Butanone
Concen: 26.834 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

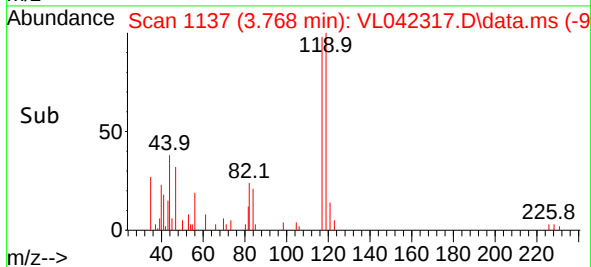
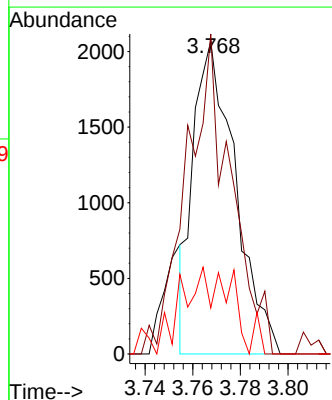
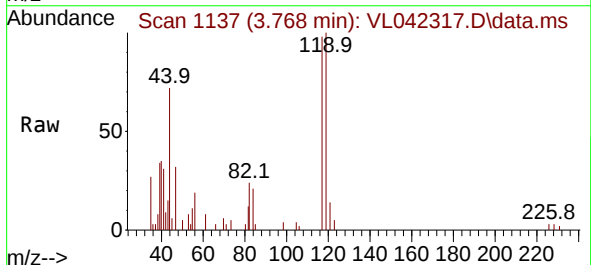
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

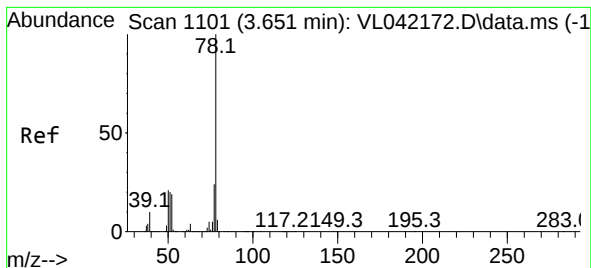
Tgt Ion: 43 Resp: 822701
Ion Ratio Lower Upper
43 100
72 21.9 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.076 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.009 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 117 Resp: 2524
Ion Ratio Lower Upper
117 100
119 102.2 76.2 114.2
121 14.7 24.2 36.4#





#36

Benzene

Concen: 0.598 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

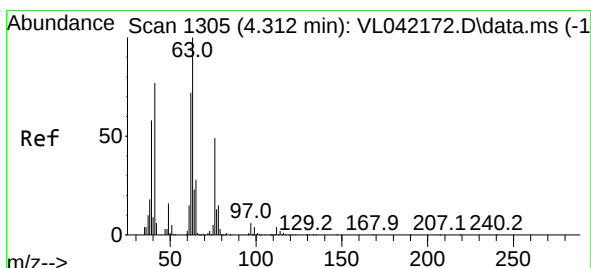
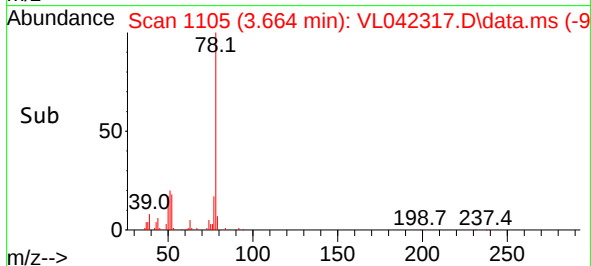
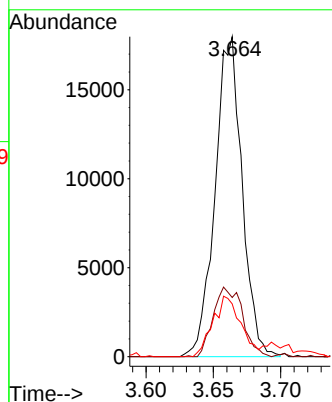
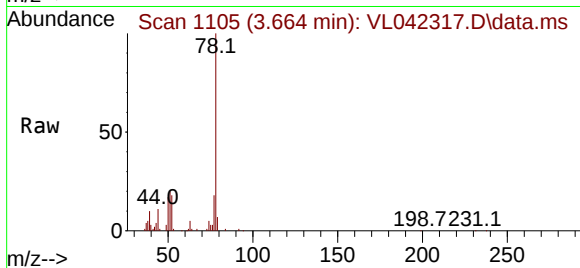
Instrument :

MSVOA_L

ClientSampleId :

IA-B10-2-3242025

Tgt Ion: 78	Resp: 25066
Ion Ratio	Lower Upper
78 100	
77 18.5	19.1 28.7#
50 16.5	16.6 24.8#



#39

1,2-Dichloropropane

Concen: 7.114 ppbv

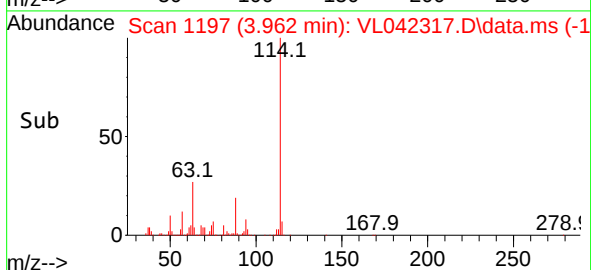
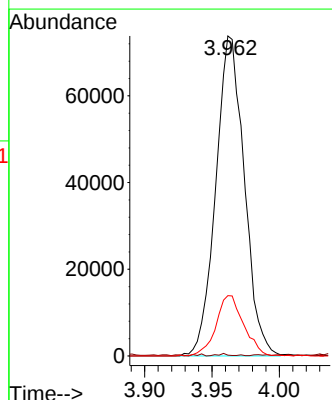
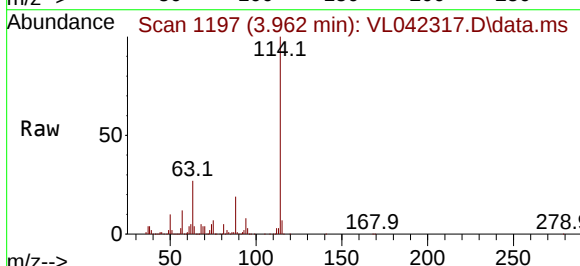
RT: 3.962 min Scan# 1197

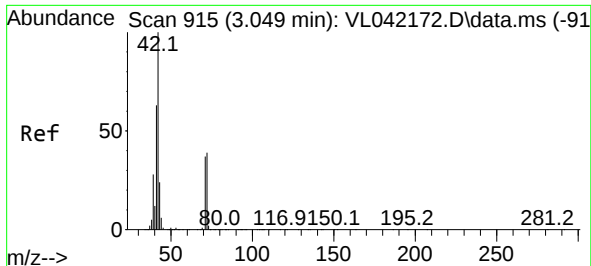
Delta R.T. -0.350 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

Tgt Ion: 63	Resp: 108598
Ion Ratio	Lower Upper
63 100	
41 0.0	61.7 92.5#
62 18.5	57.6 86.4#

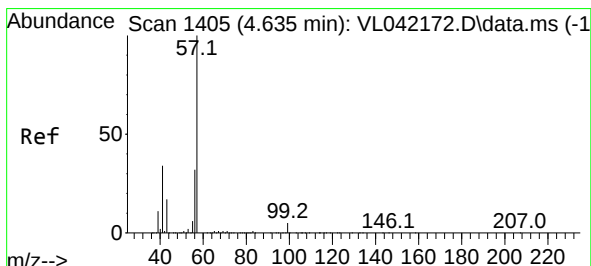
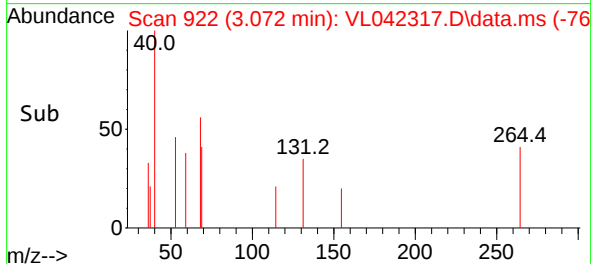
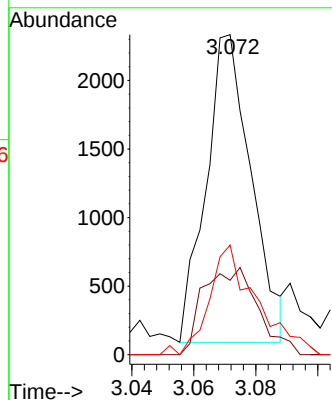
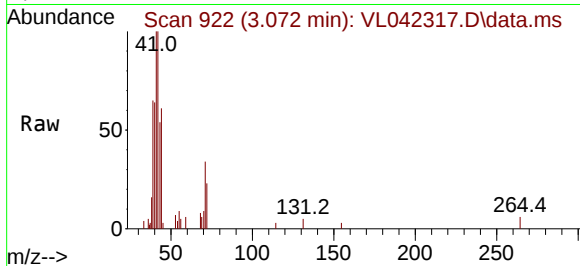




#41
Tetrahydrofuran
Concen: 0.129 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

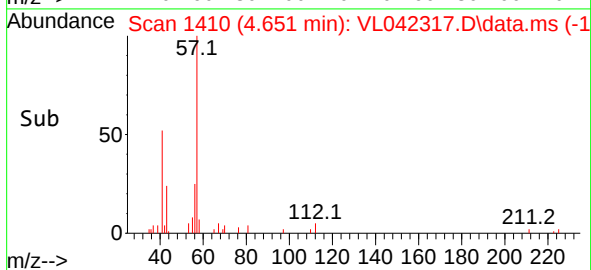
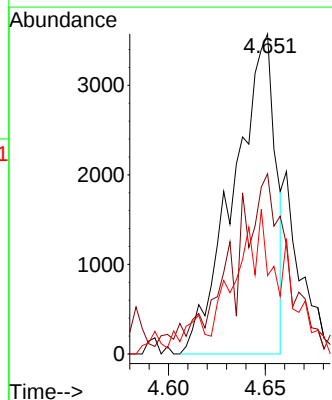
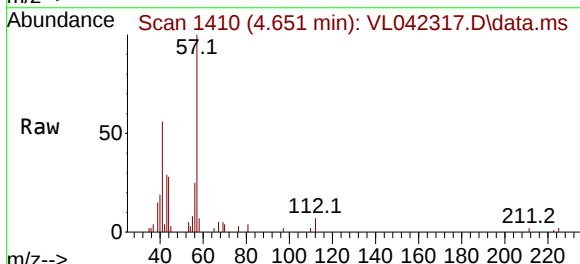
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

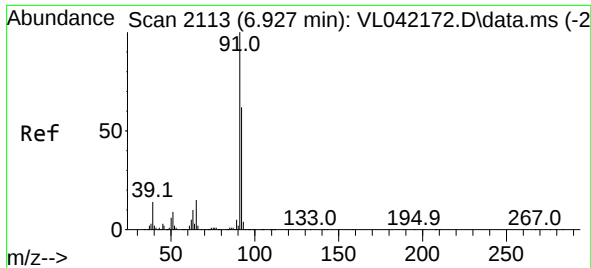
Tgt Ion: 42 Resp: 2277
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 37.4 30.2 45.4



#44
2,2,4-Trimethylpentane
Concen: 0.076 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 57 Resp: 5375
Ion Ratio Lower Upper
57 100
41 81.3 26.8 40.2#
56 59.6 25.6 38.4#

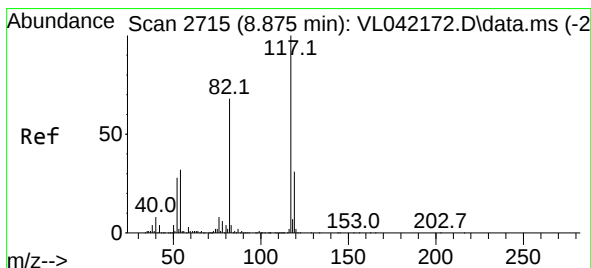
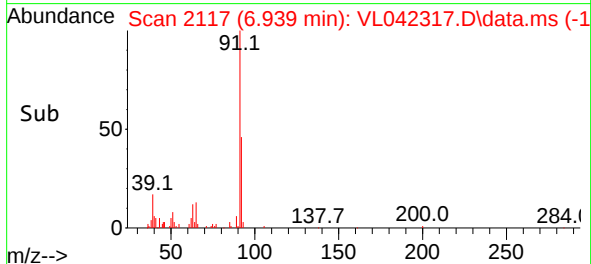
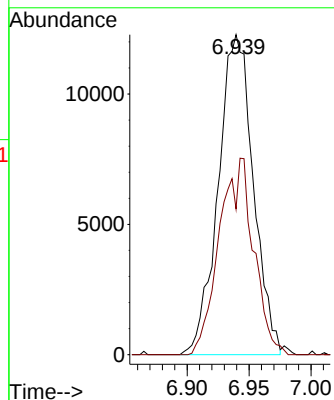
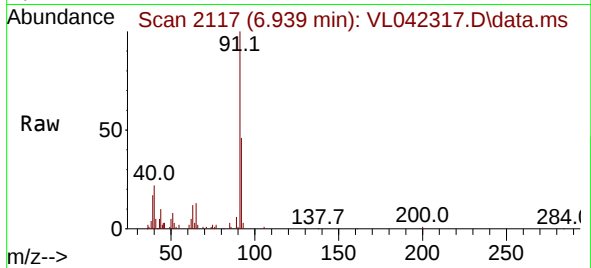




#53
Toluene
Concen: 0.488 ppbv
RT: 6.939 min Scan# 2113
Delta R.T. 0.013 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

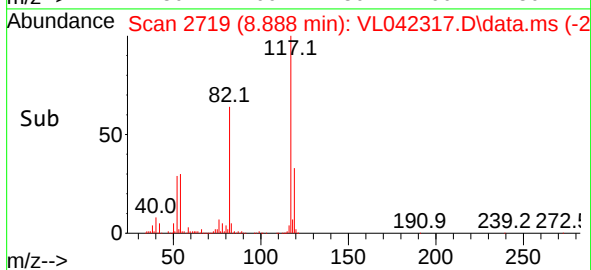
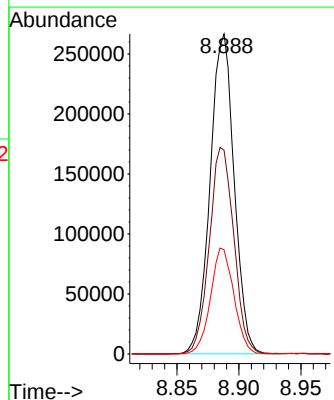
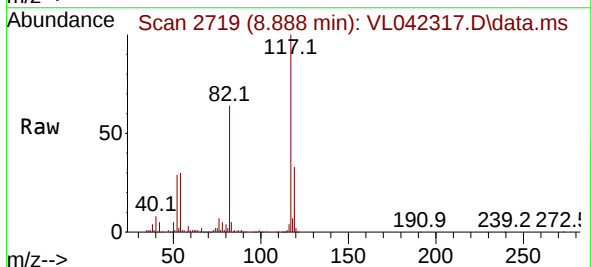
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

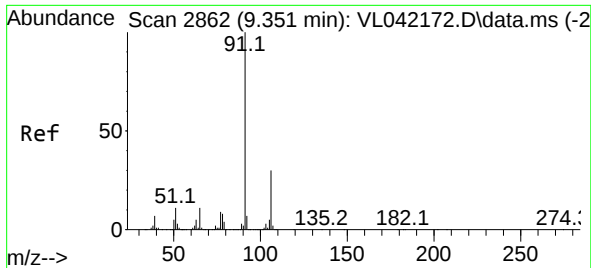
Tgt Ion: 91 Resp: 24232
Ion Ratio Lower Upper
91 100
92 60.1 48.4 72.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.013 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 117 Resp: 360993
Ion Ratio Lower Upper
117 100
82 65.8 55.8 83.6
119 32.5 25.5 38.3

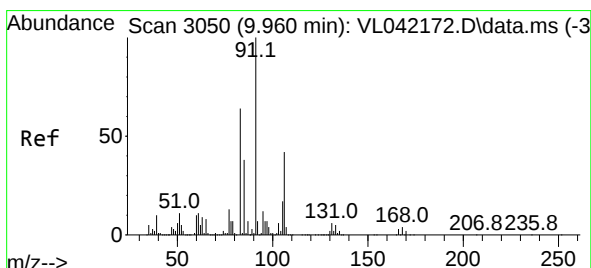
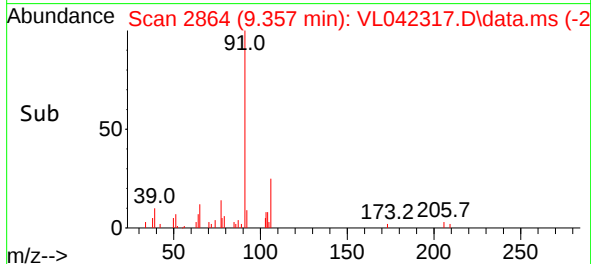
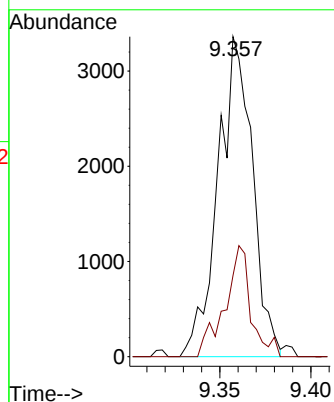
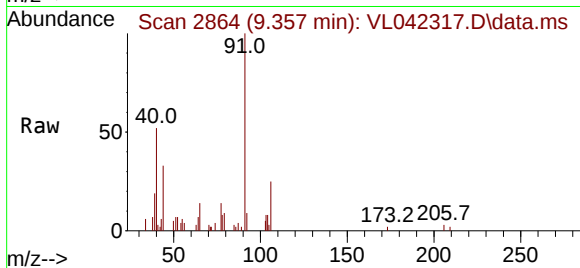




#58
Ethyl Benzene
Concen: 0.069 ppbv
RT: 9.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

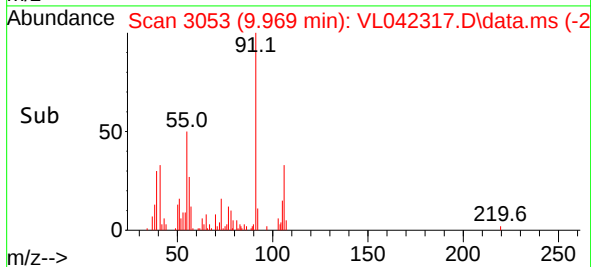
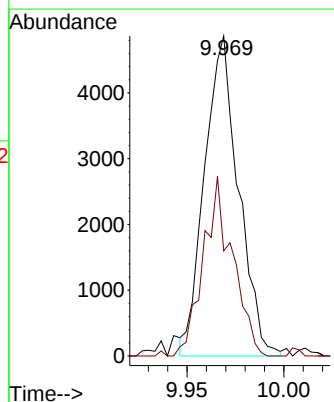
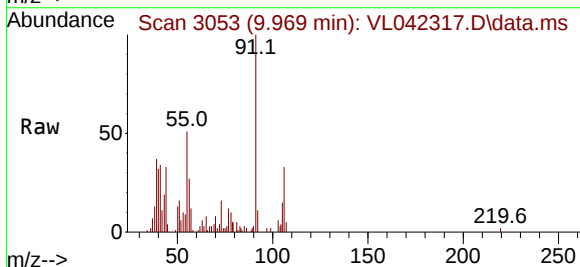
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

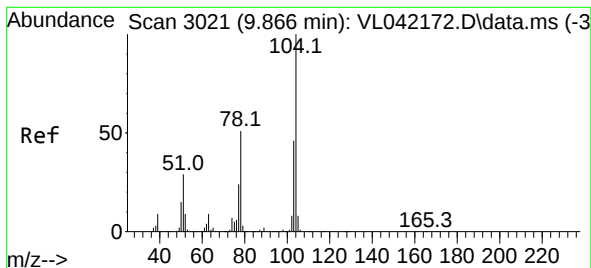
Tgt Ion: 91 Resp: 4399
Ion Ratio Lower Upper
91 100
106 25.4 24.2 36.2



#60
o-Xylene
Concen: 0.116 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.009 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 91 Resp: 5940
Ion Ratio Lower Upper
91 100
106 48.4 20.8 62.5





#61

Styrene

Concen: 0.033 ppbv

RT: 9.878 min Scan# 3021

Delta R.T. 0.013 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

IA-B10-2-3242025

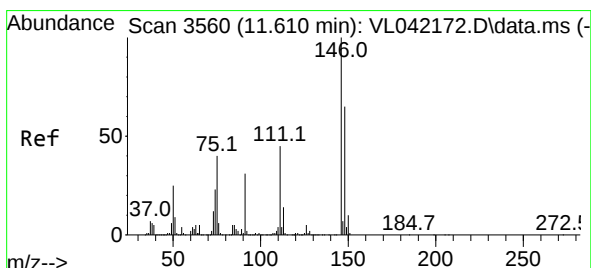
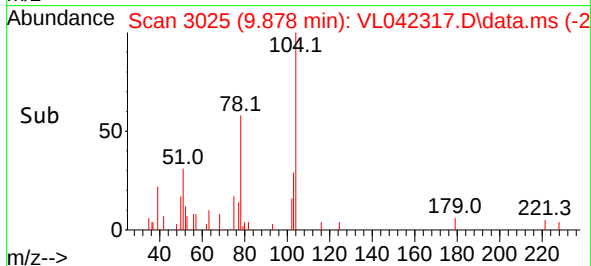
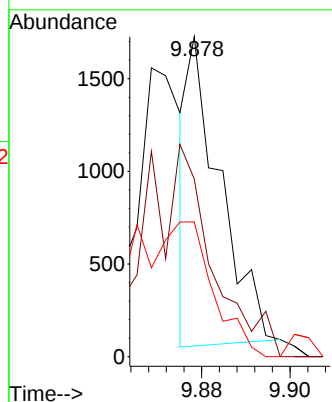
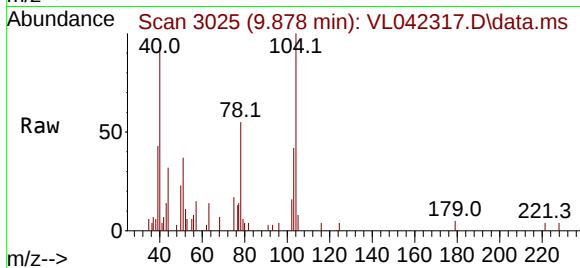
Tgt Ion:104 Resp: 838

Ion Ratio Lower Upper

104 100

78 157.9 41.8 62.6#

103 121.6 37.0 55.4#



#66

Benzyl Chloride

Concen: 0.147 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.072 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

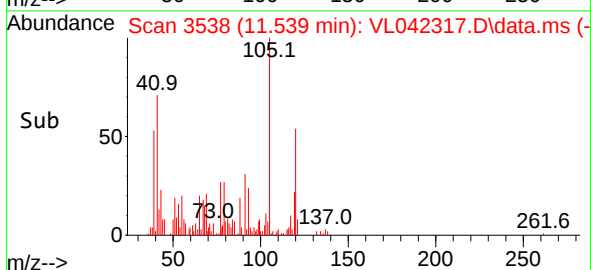
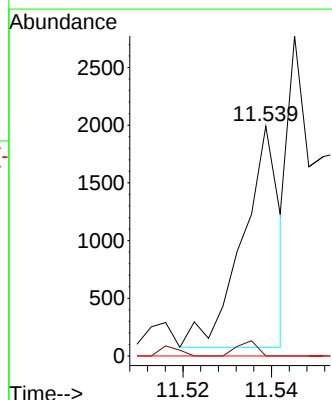
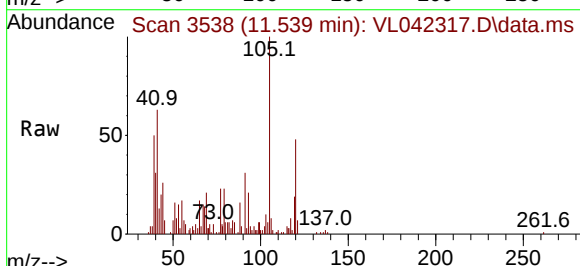
Tgt Ion: 91 Resp: 1109

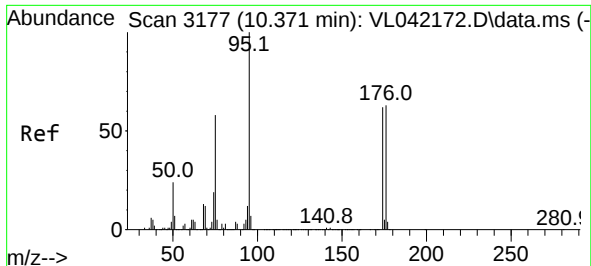
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 5.2 4.5 6.7

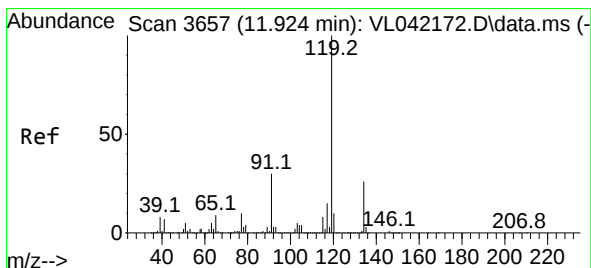
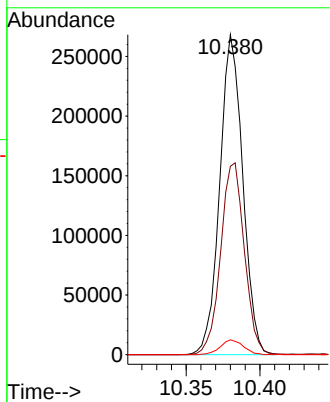
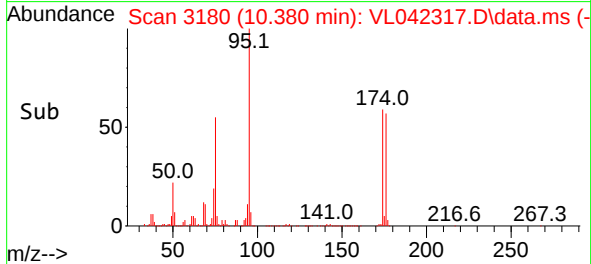
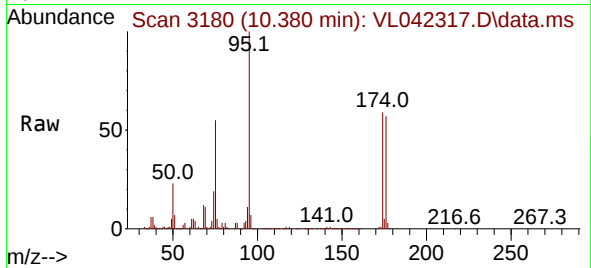




#68
1-Bromo-4-Fluorobenzene
Concen: 9.829 ppbv
RT: 10.380 min Scan# 3177
Delta R.T. 0.009 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

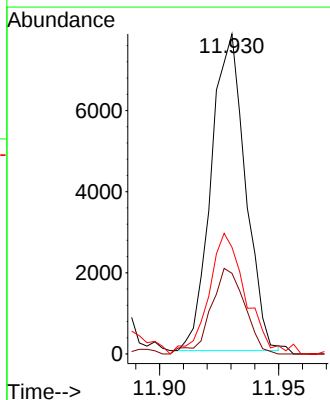
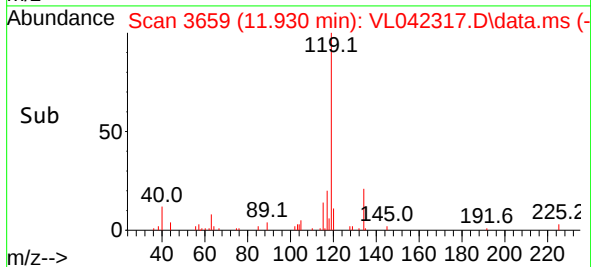
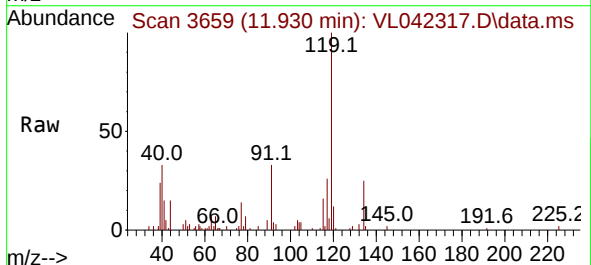
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-2-3242025

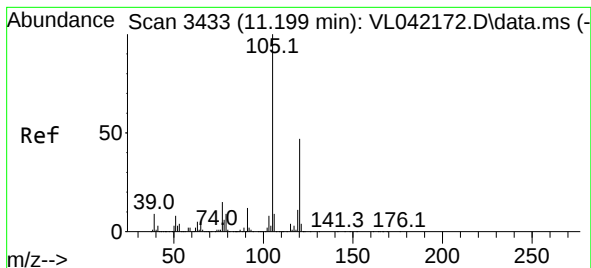
Tgt Ion: 95 Resp: 291371
Ion Ratio Lower Upper
95 100
174 62.0 50.6 76.0
175 4.7 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.092 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL042317.D
Acq: 11 Apr 2025 13:15

Tgt Ion: 119 Resp: 7802
Ion Ratio Lower Upper
119 100
134 28.6 20.4 30.6
91 0.0 23.7 35.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.034 ppbv

RT: 11.205 min Scan# 3433

Delta R.T. 0.006 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

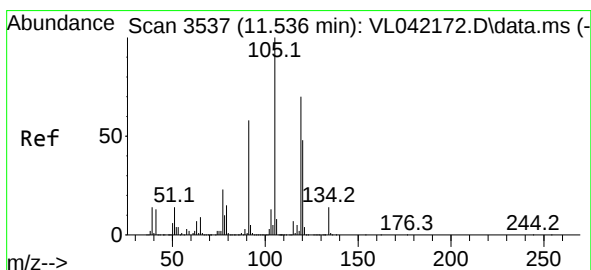
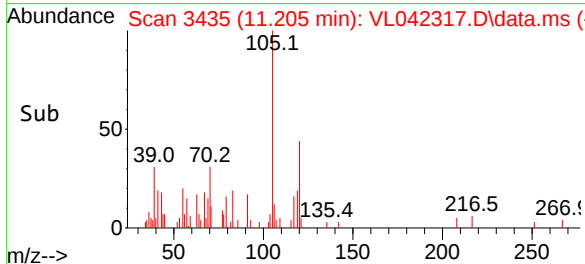
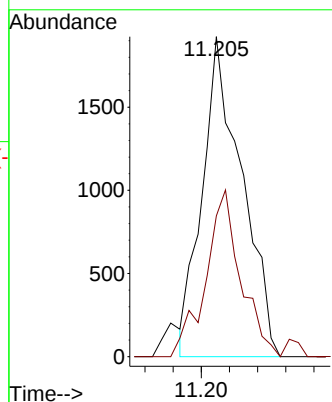
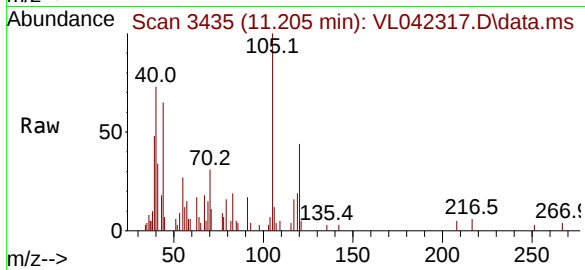
IA-B10-2-3242025

Tgt Ion:105 Resp: 1875

Ion Ratio Lower Upper

105 100

120 44.0 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 0.121 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL042317.D

Acq: 11 Apr 2025 13:15

Tgt Ion:105 Resp: 7764

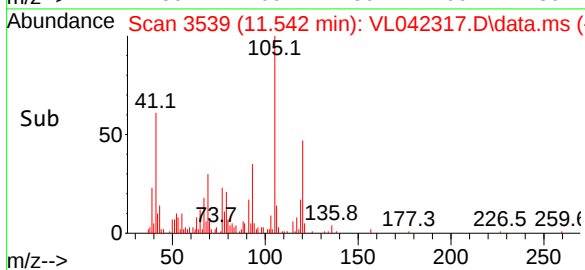
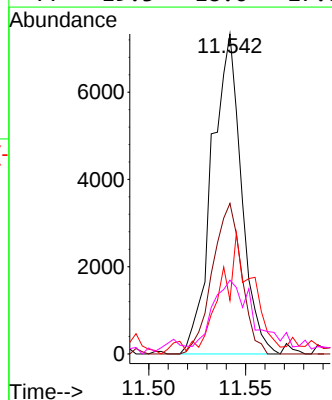
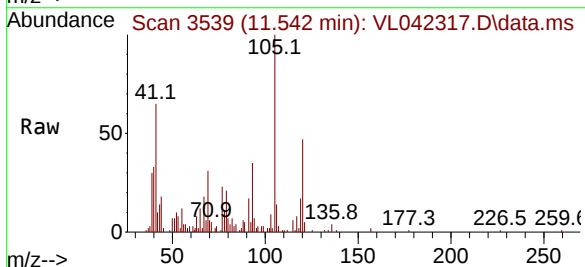
Ion Ratio Lower Upper

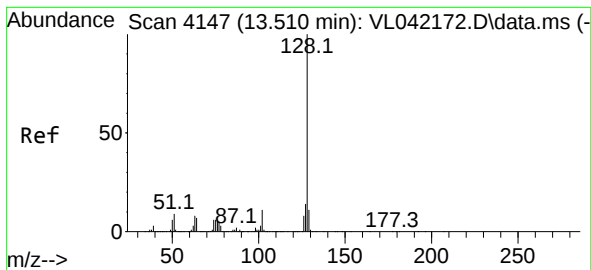
105 100

120 47.1 38.6 58.0

91 14.6 46.2 69.2#

77 19.3 18.6 27.8





#79

Naphthalene

Concen: 0.054 ppbv

RT: 13.520 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL042317.D

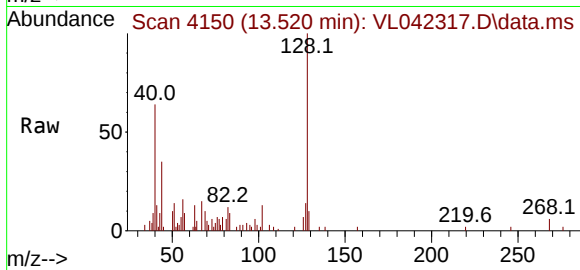
Acq: 11 Apr 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

IA-B10-2-3242025



Tgt Ion:128 Resp: 3811

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.1 9.0 13.4

