

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042225.D
 Acq On : 04 Apr 2025 15:50
 Operator : SY/MD
 Sample : Q1691-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DUP

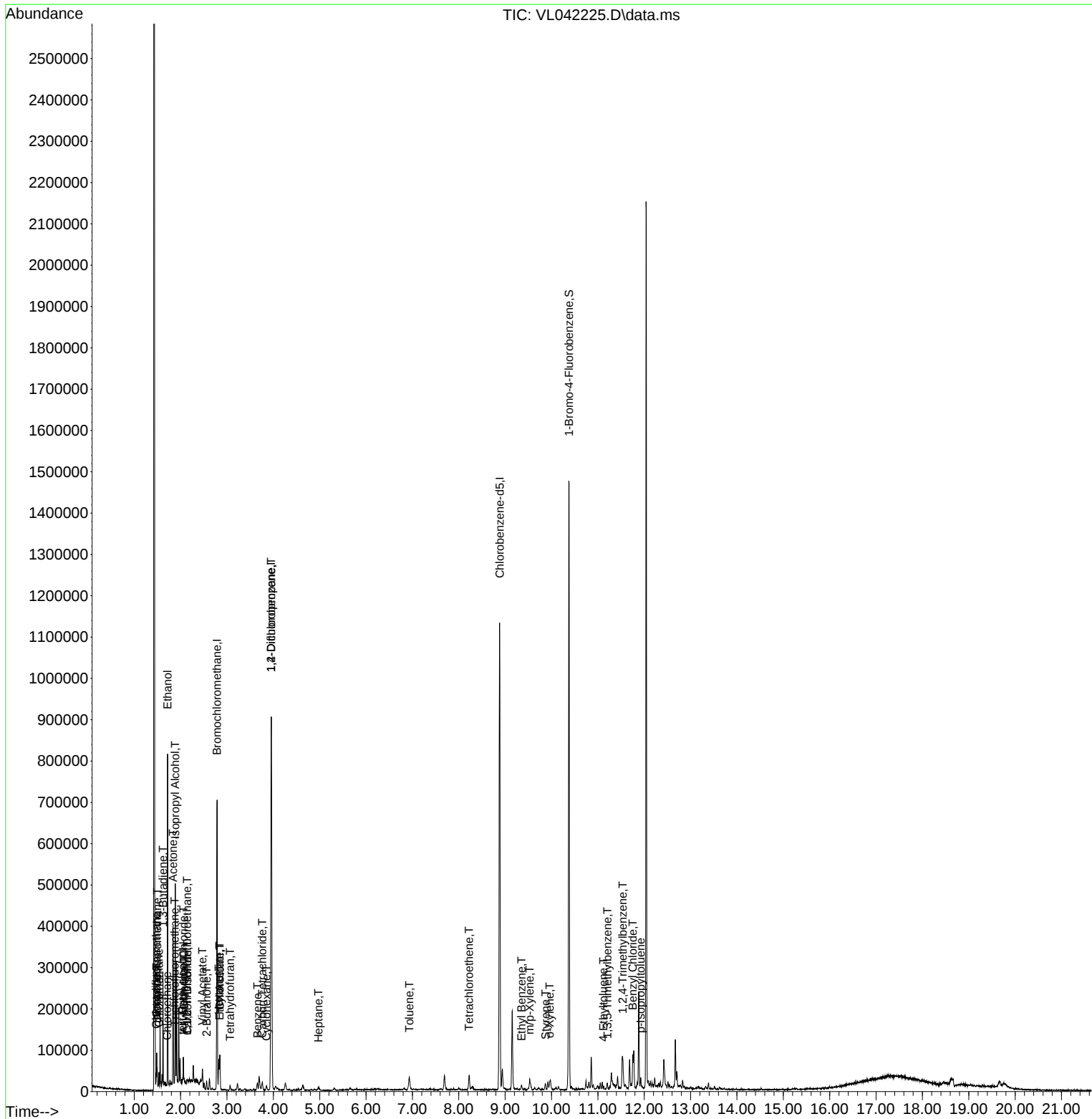
Quant Time: Apr 05 02:04:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

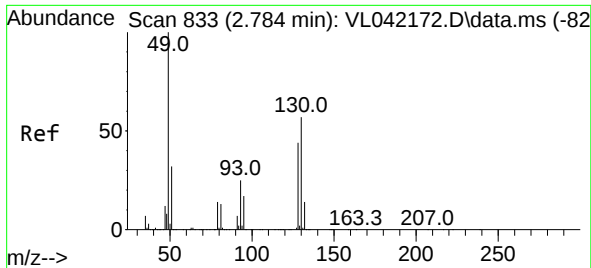
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	191637	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	513363	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	453956	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	366110	9.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	11577	0.409	ppbv	94
3) Chlorodifluoromethane	1.473	51	24185	0.837	ppbv #	77
4) Chloromethane	1.531	50	9642	0.834	ppbv	93
7) Chloroethane	1.706	64	293	0.063	ppbv	92
9) Propene	1.483	41	7226	0.545	ppbv	84
10) Heptane	4.972	43	1384	0.039	ppbv #	28
11) Trichlorofluoromethane	1.874	101	5797	0.211	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	1385	0.061	ppbv	87
13) Ethanol	1.719	45	270063	215.627	ppbv	82
15) Acetone	1.835	43	171793	6.410	ppbv	89
16) 1,3-Butadiene	1.619	39	13638	1.042	ppbv #	22
17) tert-Butyl alcohol	2.043	59	2216	0.066	ppbv #	1
19) Isopropyl Alcohol	1.884	45	194930	12.891	ppbv #	32
20) Methylene Chloride	2.062	84	8483	0.850	ppbv	94
21) Allyl Chloride	2.075	41	1147	0.061	ppbv #	1
23) Vinyl Acetate	2.470	43	18146	1.564	ppbv #	46
25) Ethyl Acetate	2.839	43	4682	0.067	ppbv #	57
26) Hexane	2.823	57	14615	0.544	ppbv #	45
27) Carbon Disulfide	2.146	76	906	0.031	ppbv #	34
29) Chloroform	2.845	83	29020	0.738	ppbv	92
30) Cyclohexane	3.852	84	1459	0.063	ppbv #	39
34) 2-Butanone	2.560	43	13008	0.349	ppbv	93
35) Carbon Tetrachloride	3.761	117	7306	0.182	ppbv	90
36) Benzene	3.658	78	9716	0.191	ppbv #	91
39) 1,2-Dichloropropane	3.955	63	134228	7.242	ppbv #	23
41) Tetrahydrofuran	3.065	42	2027	0.095	ppbv #	37
52) Tetrachloroethene	8.221	164	4355	0.216	ppbv	95
53) Toluene	6.933	91	20232	0.335	ppbv	99
58) Ethyl Benzene	9.354	91	5843	0.072	ppbv	100
59) m/p-Xylene	9.529	91	14255	0.221	ppbv	96
60) o-Xylene	9.959	91	5981	0.093	ppbv	94
61) Styrene	9.872	104	2020	0.063	ppbv #	1
66) Benzyl Chloride	11.753	91	1133	0.120	ppbv #	89
69) p-Isopropyltoluene	11.924	119	7461	0.070	ppbv #	68
72) 4-Ethyltoluene	11.121	105	2998	0.037	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.206	105	3843	0.055	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	15073	0.186	ppbv #	72

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

Quant Time: Apr 05 02:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.787 min Scan# 833

Delta R.T. 0.003 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

IA3DUP

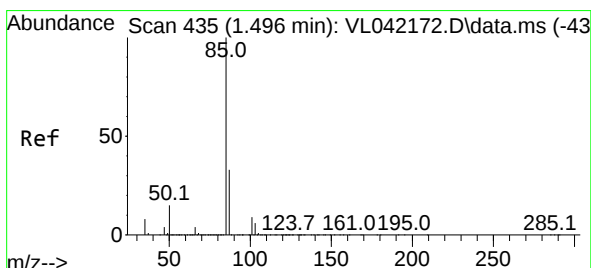
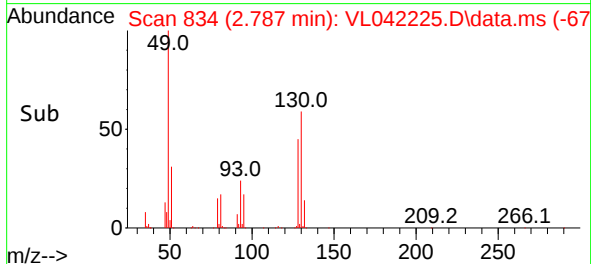
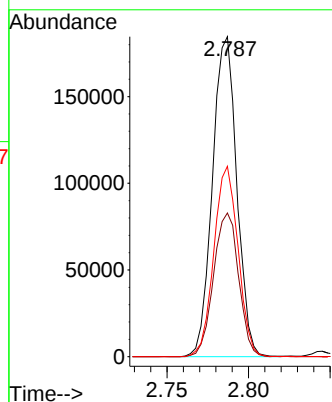
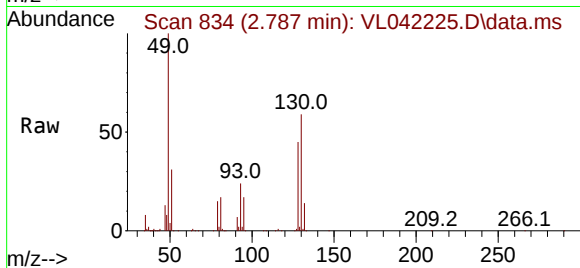
Tgt Ion: 49 Resp: 191637

Ion Ratio Lower Upper

49 100

128 46.2 22.9 68.5

130 59.0 28.8 86.4



#2

Dichlorodifluoromethane

Concen: 0.409 ppbv

RT: 1.496 min Scan# 435

Delta R.T. -0.000 min

Lab File: VL042225.D

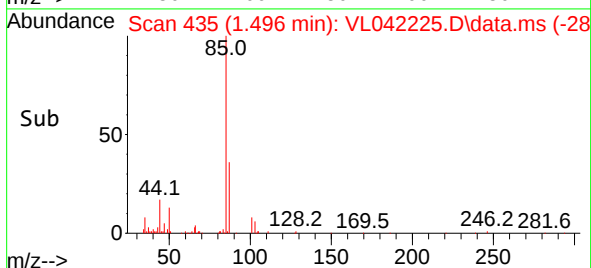
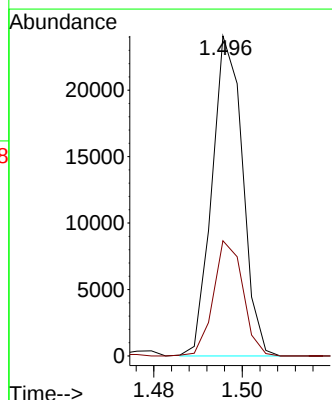
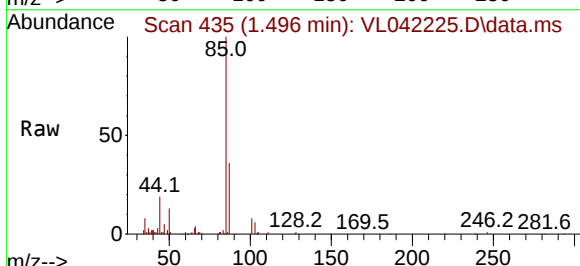
Acq: 04 Apr 2025 15:50

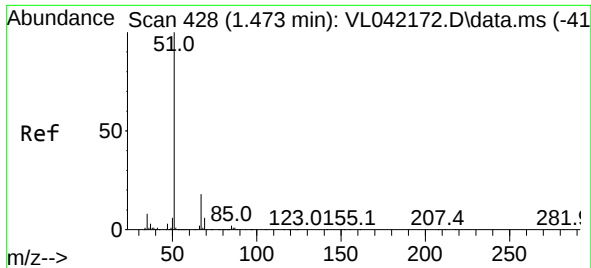
Tgt Ion: 85 Resp: 11577

Ion Ratio Lower Upper

85 100

87 36.0 26.1 39.1

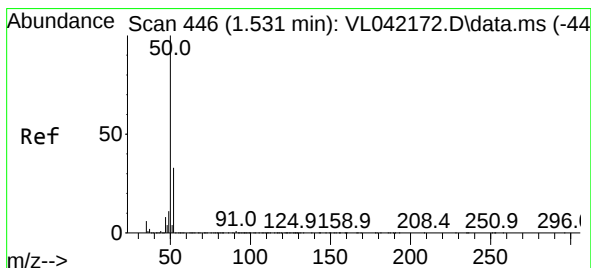
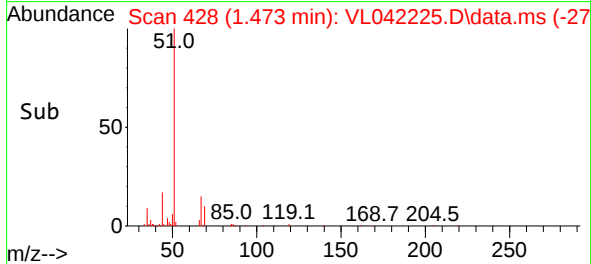
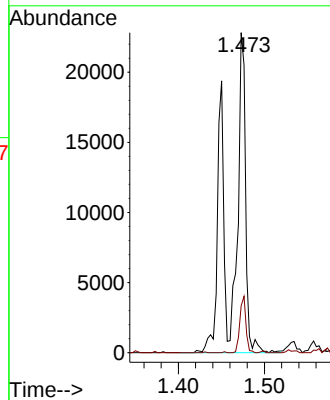
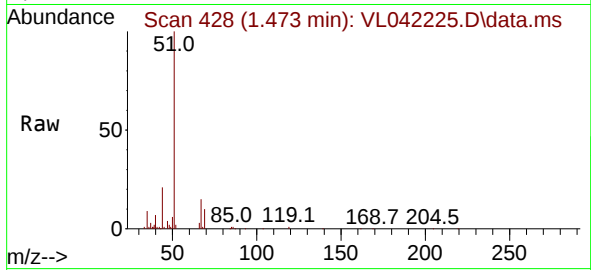




#3
Chlorodifluoromethane
Concen: 0.837 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

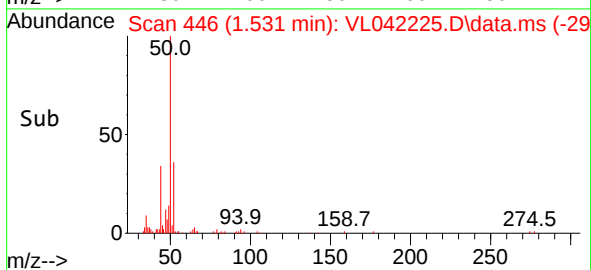
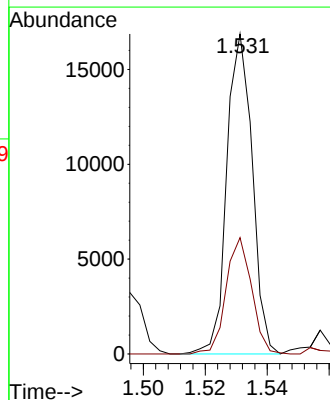
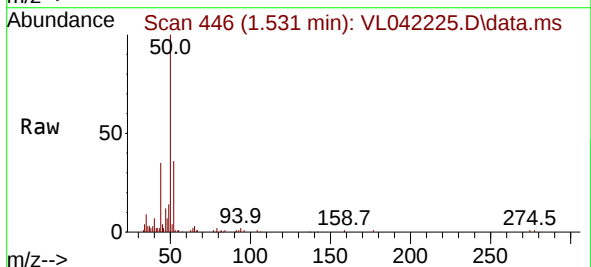
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

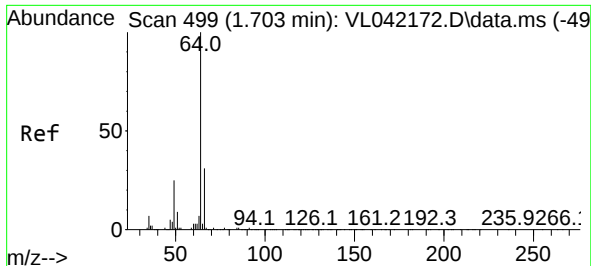
Tgt Ion: 51 Resp: 24185
Ion Ratio Lower Upper
51 100
67 8.3 15.0 22.6#



#4
Chloromethane
Concen: 0.834 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 50 Resp: 9642
Ion Ratio Lower Upper
50 100
52 36.4 26.1 39.1

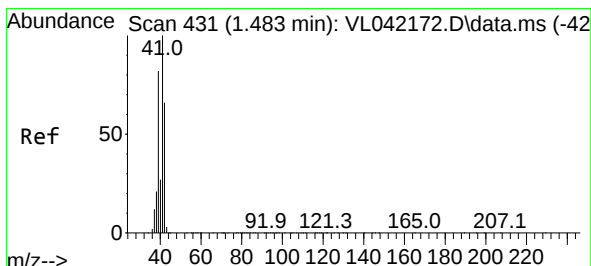
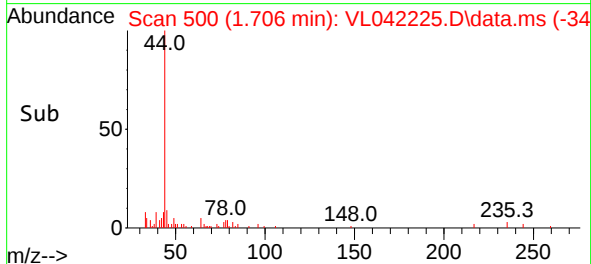
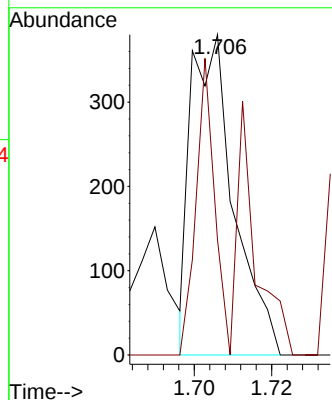
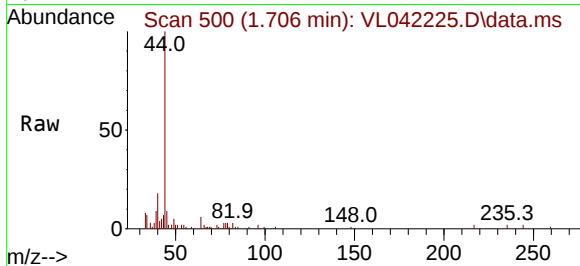




#7
Chloroethane
Concen: 0.063 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

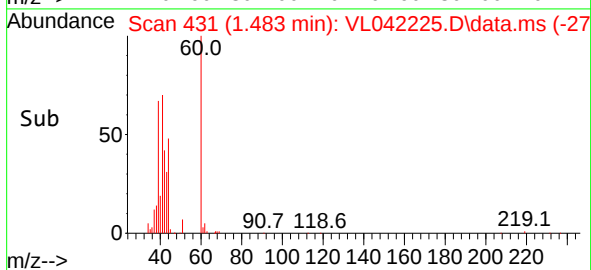
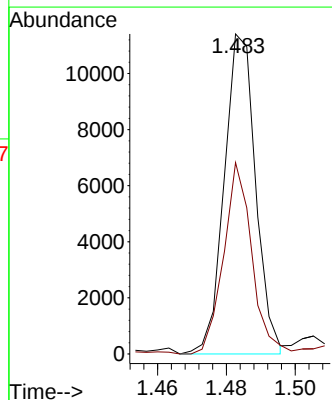
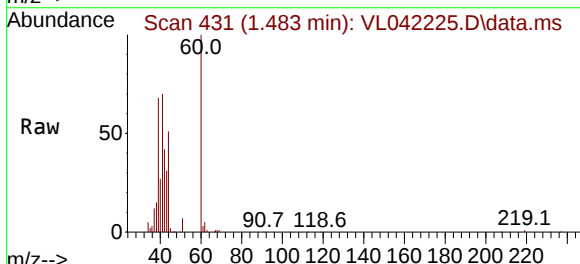
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

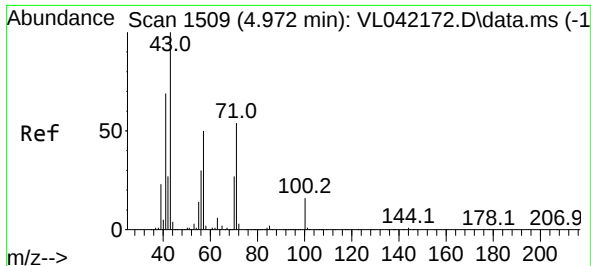
Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 36.1 25.2 37.8



#9
Propene
Concen: 0.545 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 41 Resp: 7226
Ion Ratio Lower Upper
41 100
42 56.6 55.4 83.2

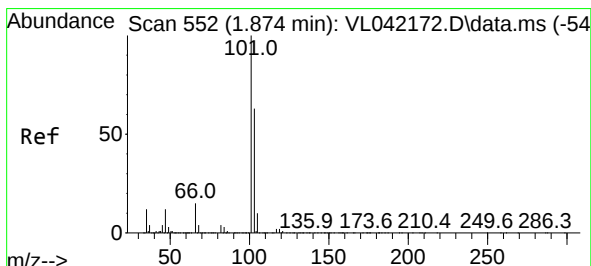
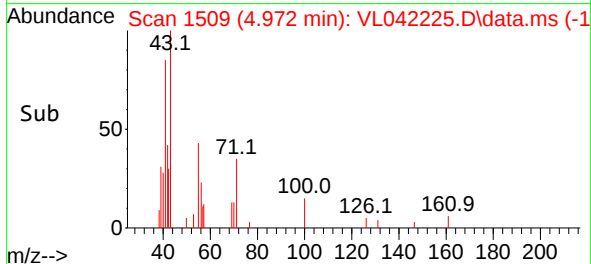
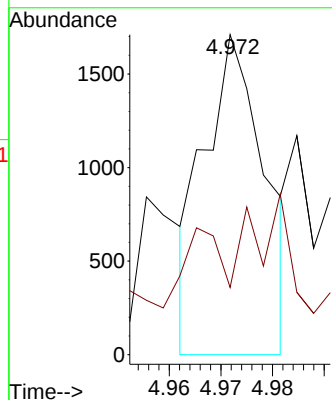
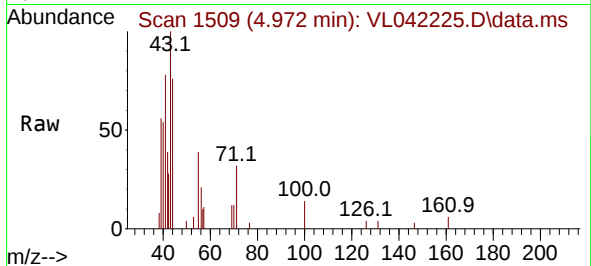




#10
Heptane
Concen: 0.039 ppbv
RT: 4.972 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

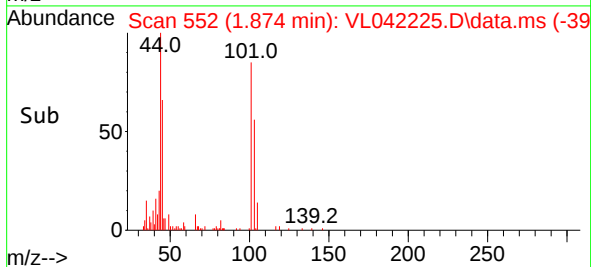
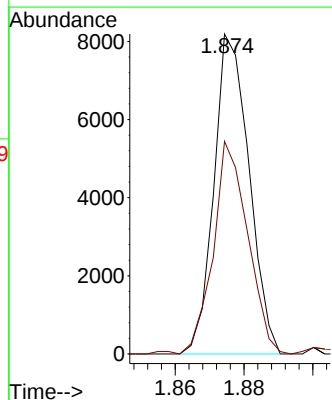
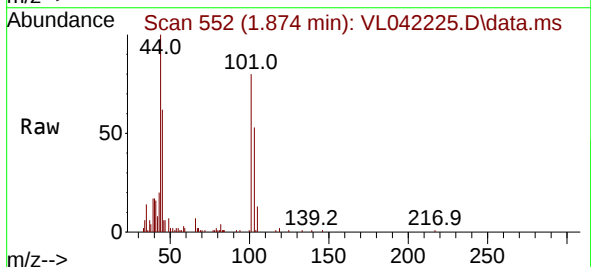
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

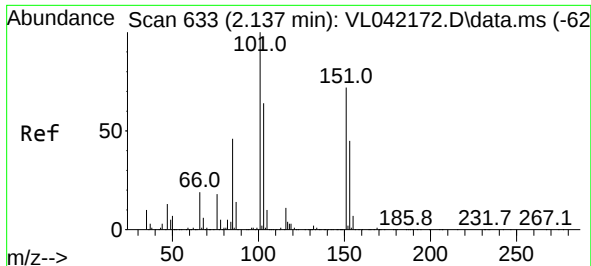
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
57 0.0 39.4 59.2#



#11
Trichlorofluoromethane
Concen: 0.211 ppbv
RT: 1.874 min Scan# 552
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion:101 Resp: 5797
Ion Ratio Lower Upper
101 100
103 66.5 50.2 75.2

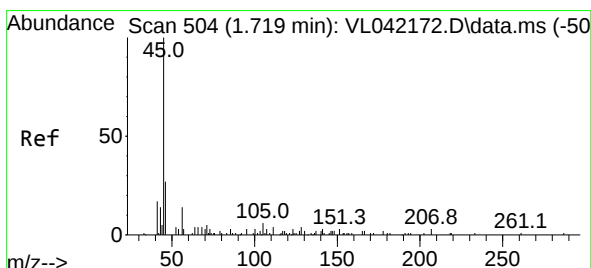
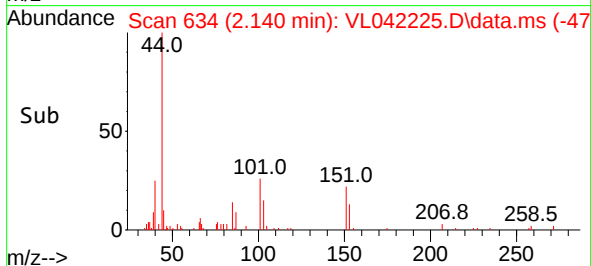
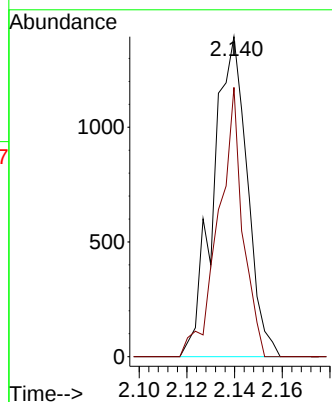
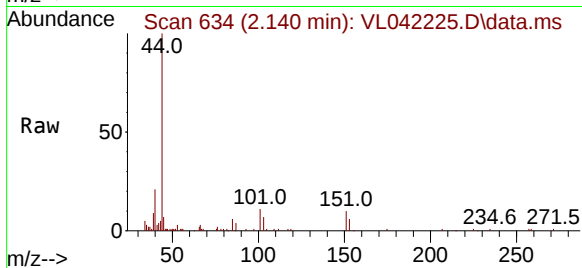




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.061 ppbv
RT: 2.140 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

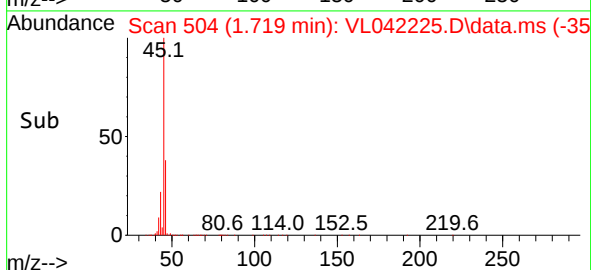
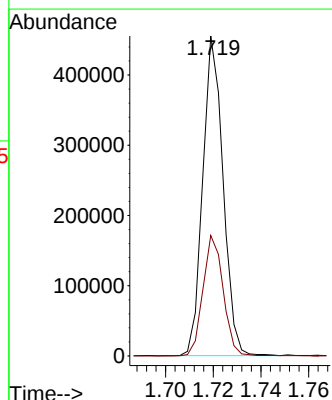
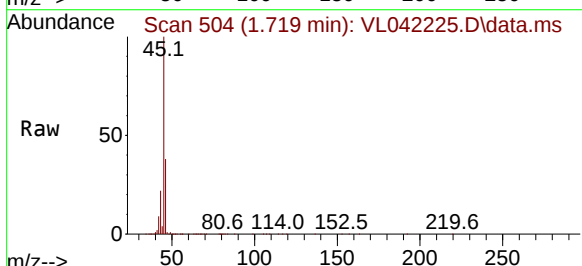
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

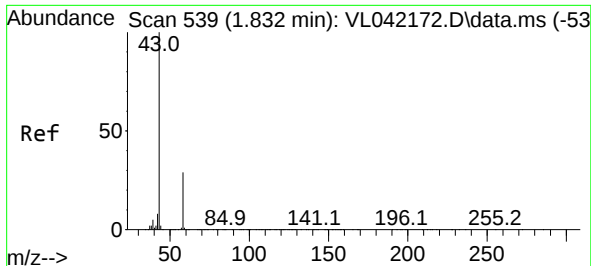
Tgt Ion:101 Resp: 1385
Ion Ratio Lower Upper
101 100
151 60.2 57.1 85.7



#13
Ethanol
Concen: 215.627 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 45 Resp: 270063
Ion Ratio Lower Upper
45 100
46 37.7 20.2 80.8





#15

Acetone

Concen: 6.410 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

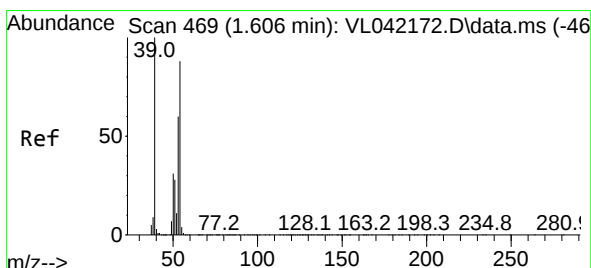
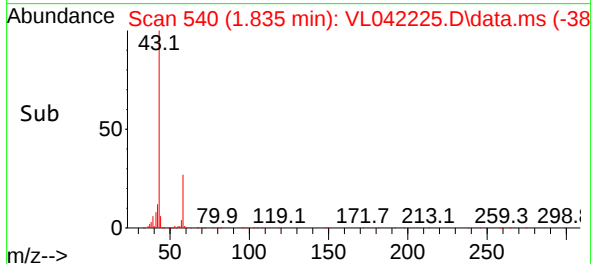
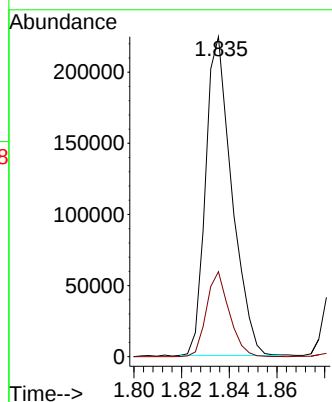
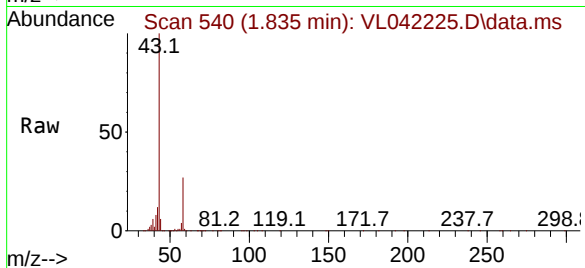
IA3DUP

Tgt Ion: 43 Resp: 171793

Ion Ratio Lower Upper

43 100

58 23.3 23.2 34.8



#16

1,3-Butadiene

Concen: 1.042 ppbv

RT: 1.619 min Scan# 473

Delta R.T. 0.013 min

Lab File: VL042225.D

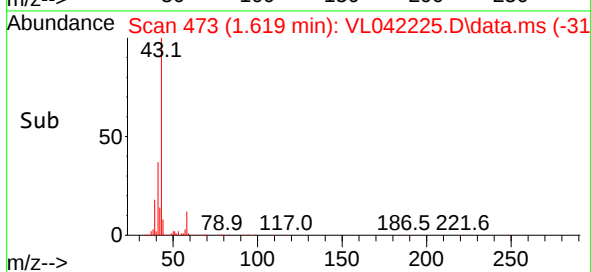
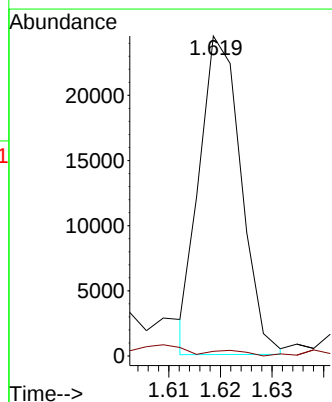
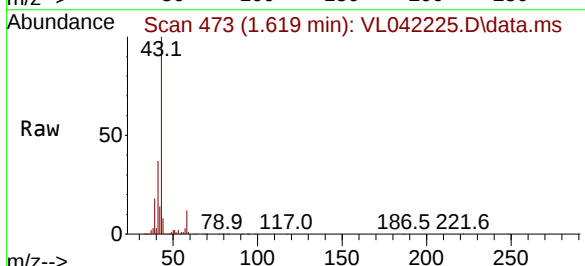
Acq: 04 Apr 2025 15:50

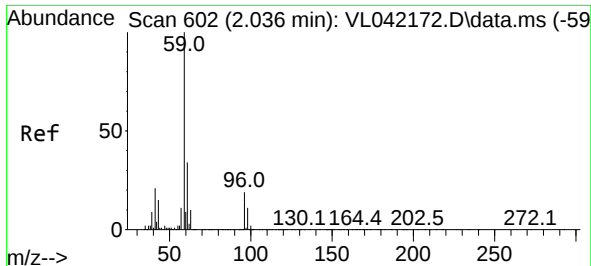
Tgt Ion: 39 Resp: 13638

Ion Ratio Lower Upper

39 100

54 8.7 60.7 91.1#





#17

tert-Butyl alcohol

Concen: 0.066 ppbv

RT: 2.043 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

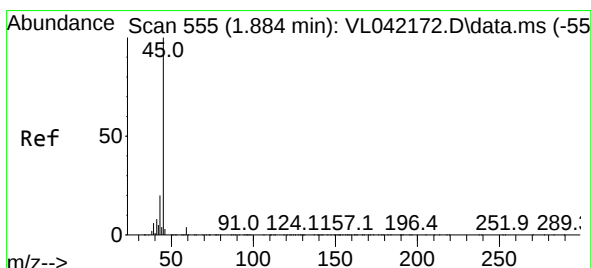
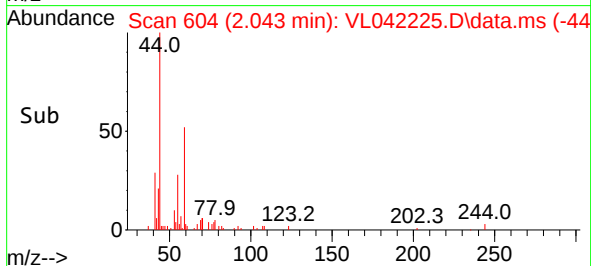
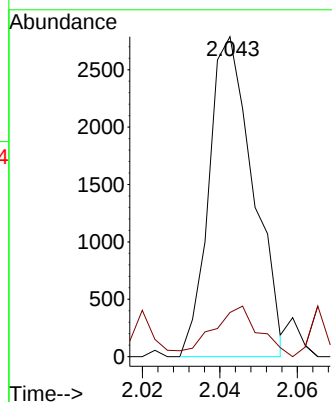
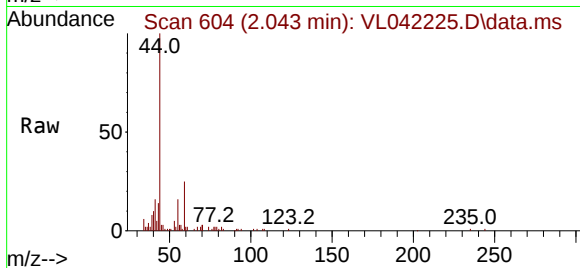
IA3DUP

Tgt Ion: 59 Resp: 2216

Ion Ratio Lower Upper

59 100

57 114.9 8.9 13.3#



#19

Isopropyl Alcohol

Concen: 12.891 ppbv

RT: 1.884 min Scan# 555

Delta R.T. -0.000 min

Lab File: VL042225.D

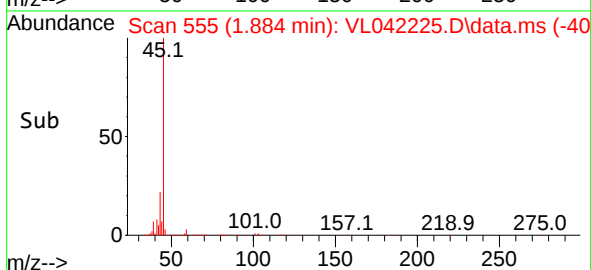
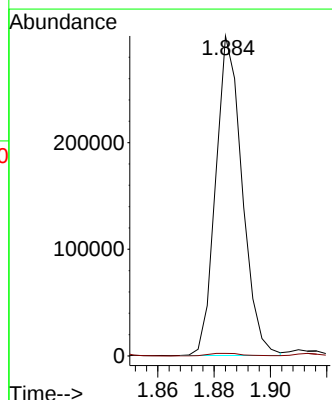
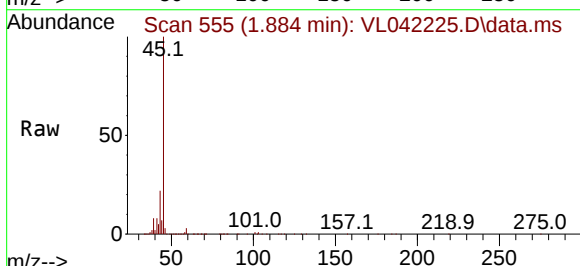
Acq: 04 Apr 2025 15:50

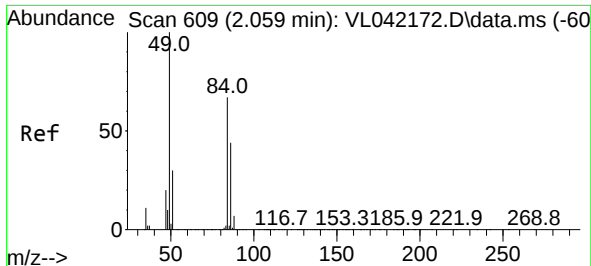
Tgt Ion: 45 Resp: 194930

Ion Ratio Lower Upper

45 100

58 1.2 36.9 55.3#





#20

Methylene Chloride

Concen: 0.850 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

IA3DUP

Tgt Ion: 84 Resp: 8483

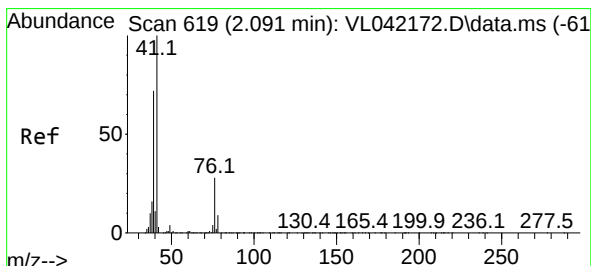
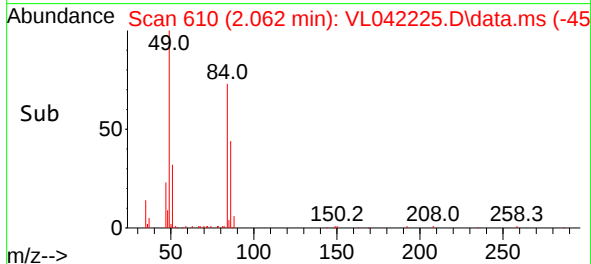
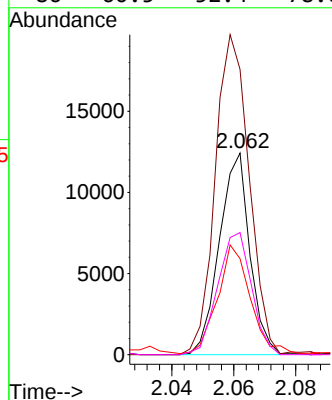
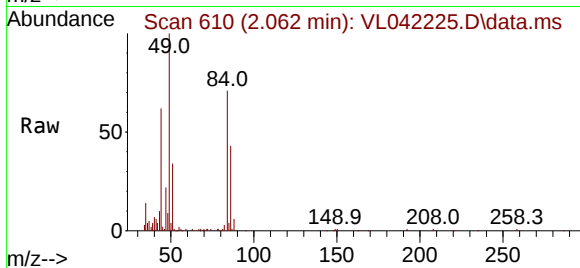
Ion Ratio Lower Upper

84 100

49 141.5 120.2 180.4

51 47.0 37.4 56.0

86 60.5 52.4 78.6



#21

Allyl Chloride

Concen: 0.061 ppbv

RT: 2.075 min Scan# 614

Delta R.T. -0.016 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

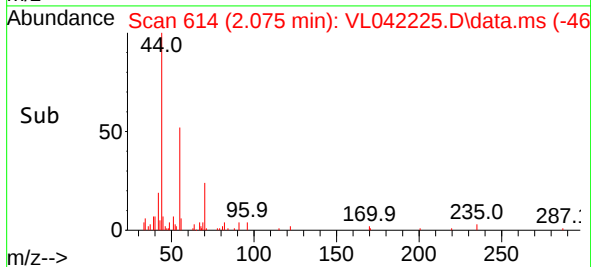
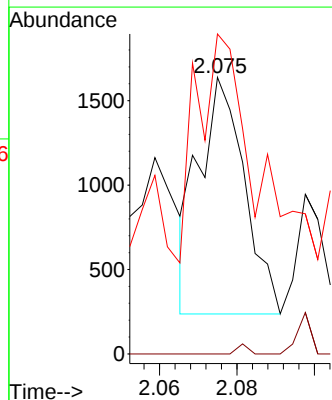
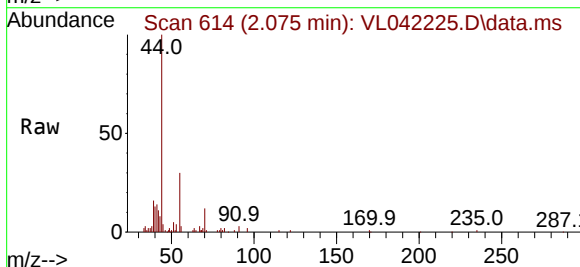
Tgt Ion: 41 Resp: 1147

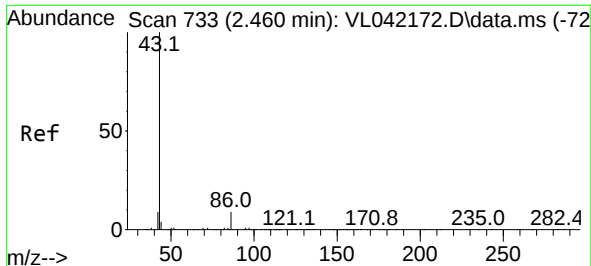
Ion Ratio Lower Upper

41 100

76 6.2 24.1 36.1#

39 207.7 61.1 91.7#

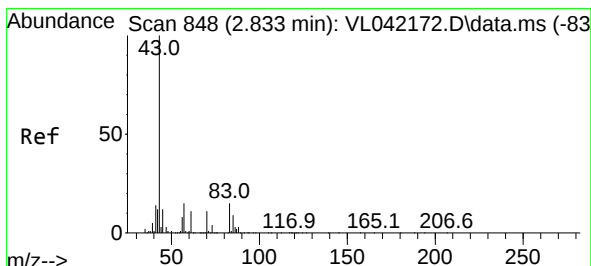
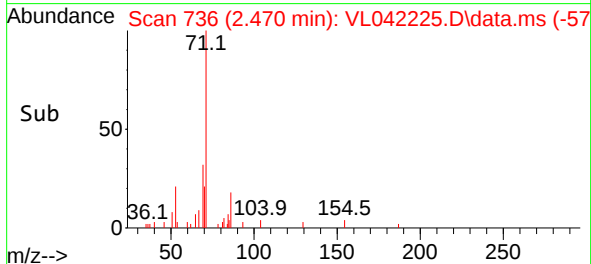
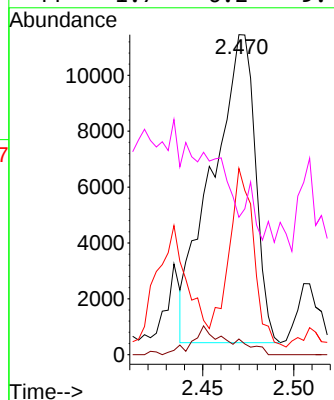
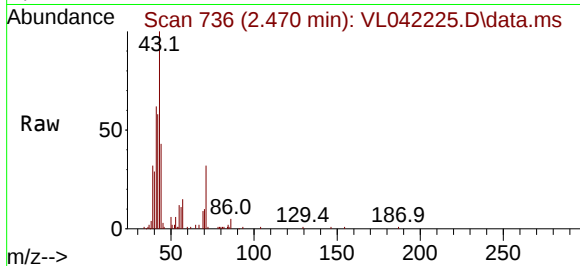




#23
 Vinyl Acetate
 Concen: 1.564 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL042225.D
 Acq: 04 Apr 2025 15:50

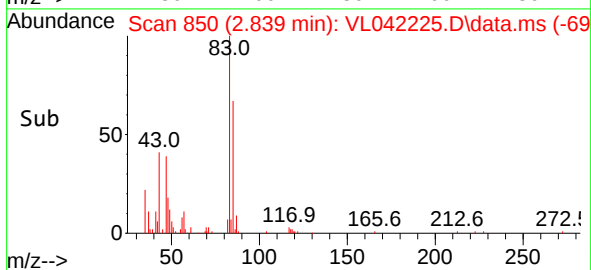
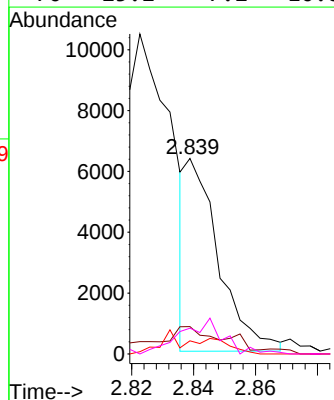
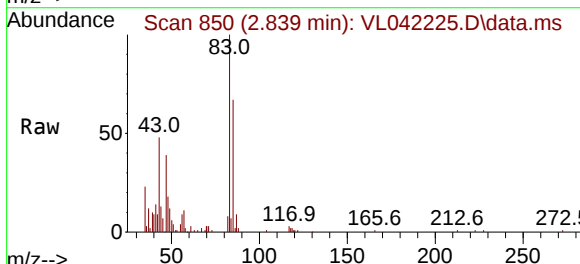
Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DUP

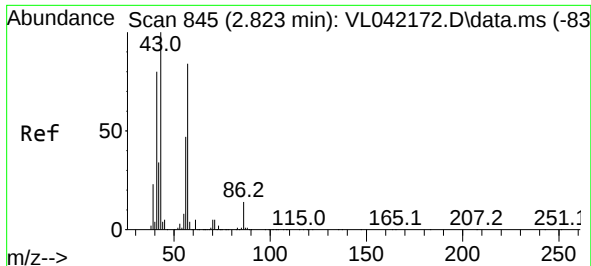
Tgt Ion: 43	Resp: 18146
Ion Ratio	Lower Upper
43 100	
86 5.1	5.5 8.3#
42 53.2	8.6 13.0#
44 1.7	6.2 9.4#



#25
 Ethyl Acetate
 Concen: 0.067 ppbv
 RT: 2.839 min Scan# 850
 Delta R.T. 0.006 min
 Lab File: VL042225.D
 Acq: 04 Apr 2025 15:50

Tgt	Ion: 43	Resp:	4682
Ion	Ratio	Lower	Upper
43	100		
45	34.4	8.2	12.2#
61	15.4	7.3	10.9#
70	25.2	7.2	10.8#

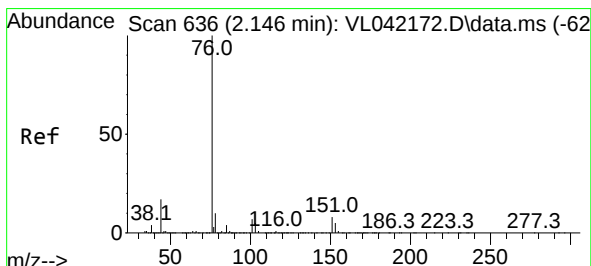
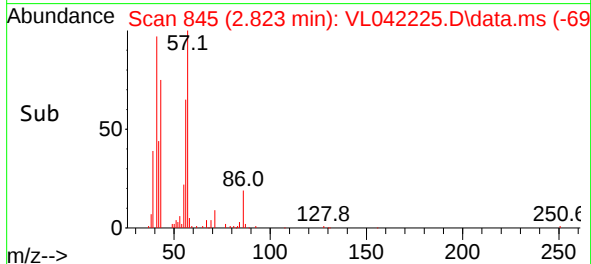
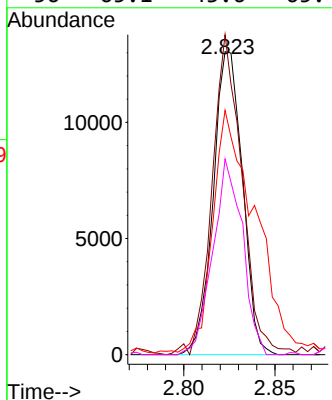
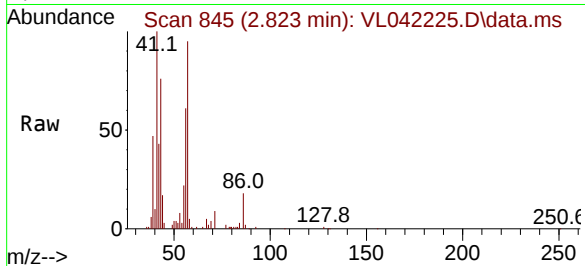




#26
Hexane
Concen: 0.544 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

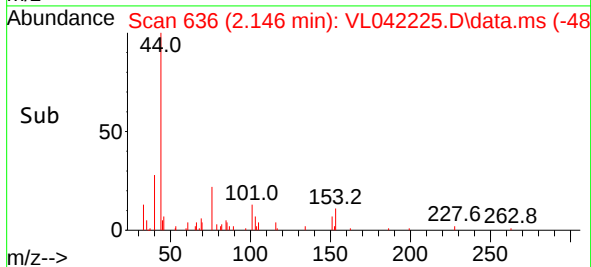
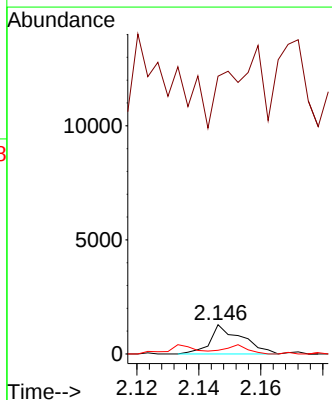
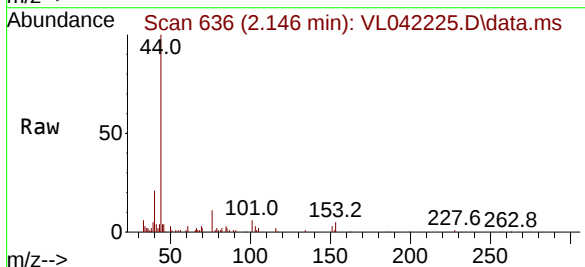
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

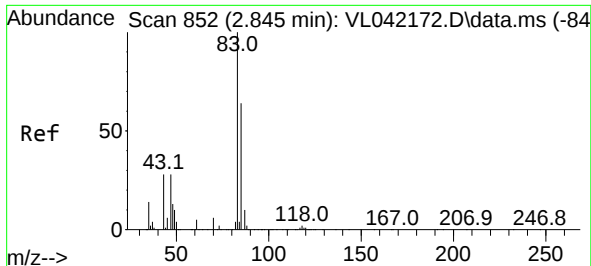
Tgt Ion:	57	Resp:	14615
Ion	Ratio	Lower	Upper
57	100		
41	111.1	76.6	114.8
43	119.2	207.8	311.8#
56	65.1	43.6	65.4



#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion:	76	Resp:	906
Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.7	22.1#
78	52.5	9.3	13.9#





#29

Chloroform

Concen: 0.738 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.000 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

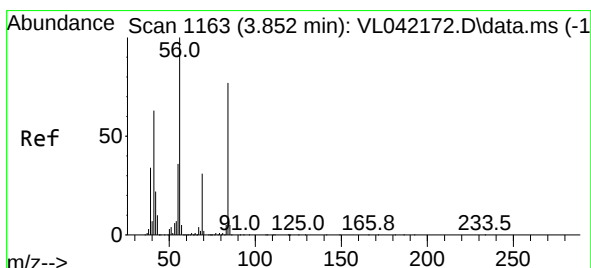
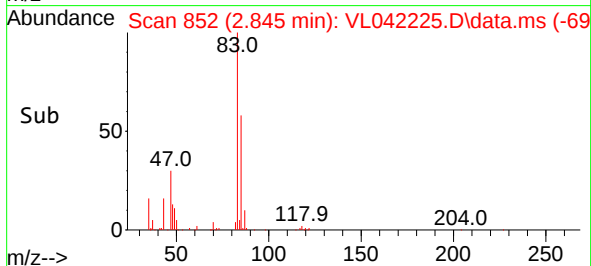
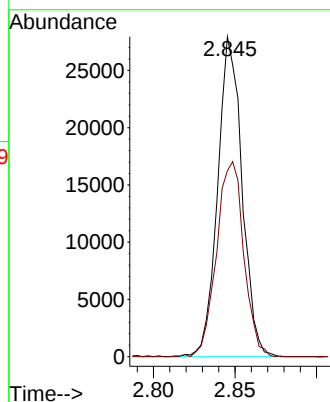
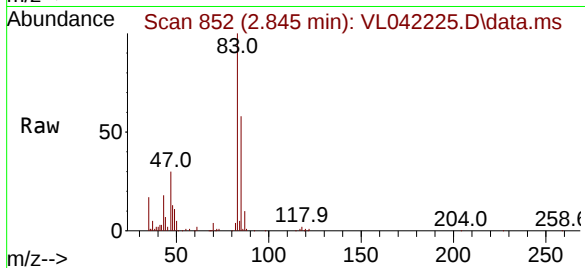
IA3DUP

Tgt Ion: 83 Resp: 29020

Ion Ratio Lower Upper

83 100

85 57.9 51.4 77.2



#30

Cyclohexane

Concen: 0.063 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

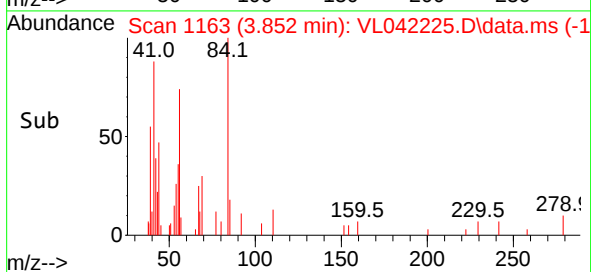
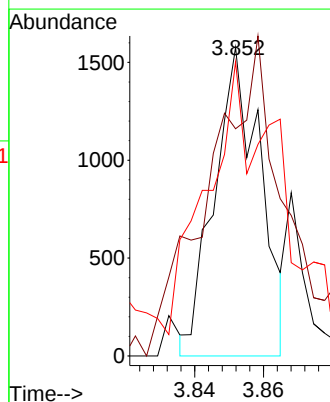
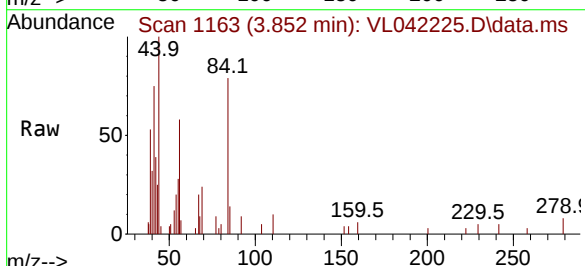
Tgt Ion: 84 Resp: 1459

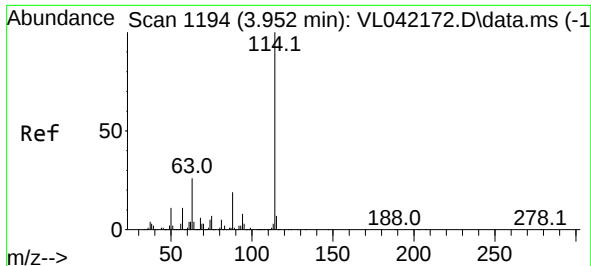
Ion Ratio Lower Upper

84 100

56 173.9 102.8 154.2#

41 169.4 66.5 99.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.003 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

IA3DUP

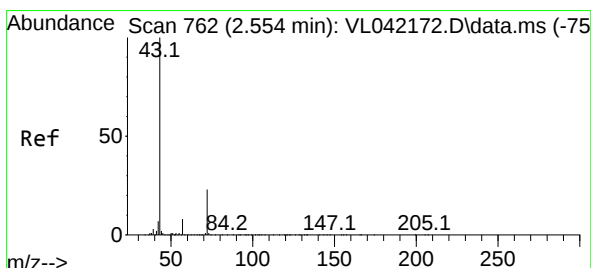
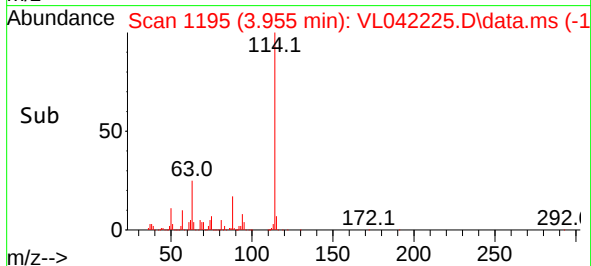
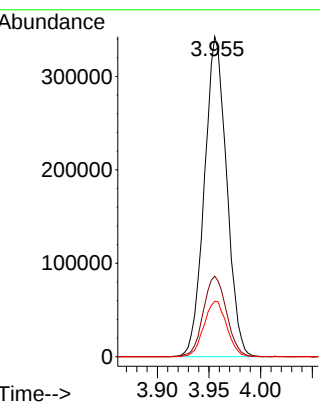
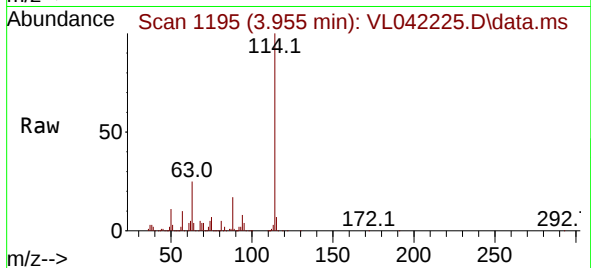
Tgt Ion:114 Resp: 513363

Ion Ratio Lower Upper

114 100

63 26.2 20.7 31.1

88 17.7 15.0 22.4



#34

2-Butanone

Concen: 0.349 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL042225.D

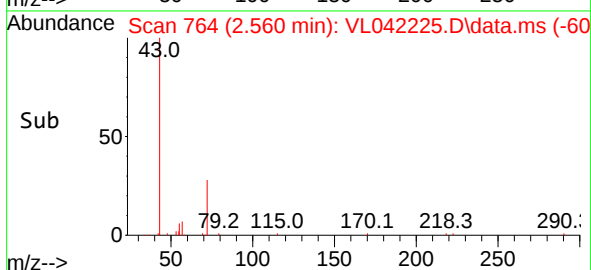
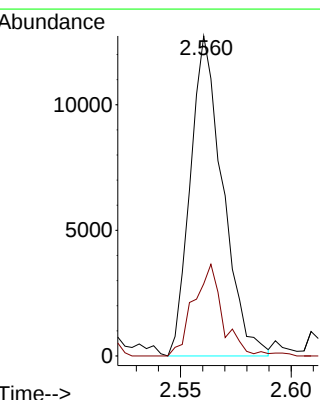
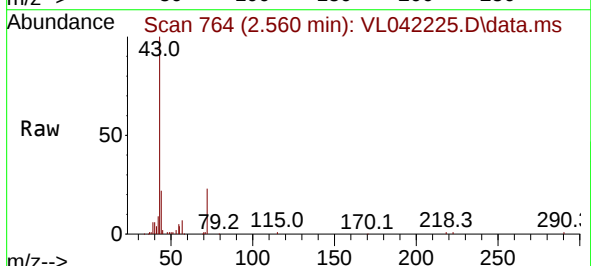
Acq: 04 Apr 2025 15:50

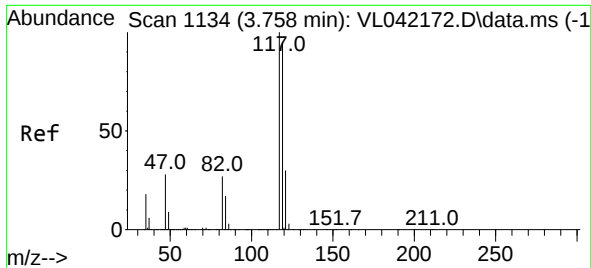
Tgt Ion: 43 Resp: 13008

Ion Ratio Lower Upper

43 100

72 26.1 18.2 27.2

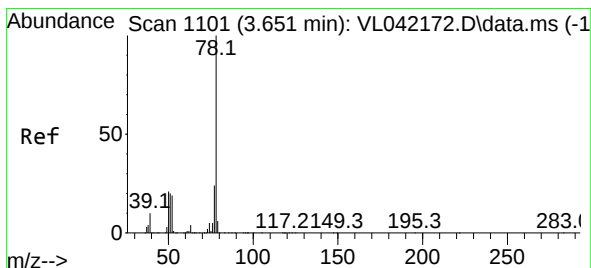
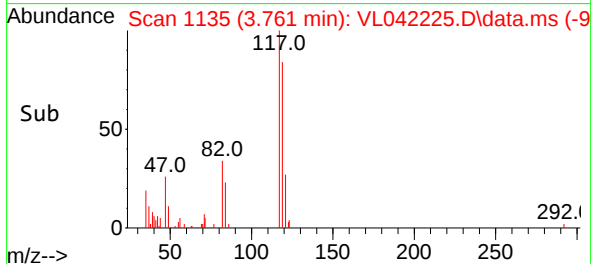
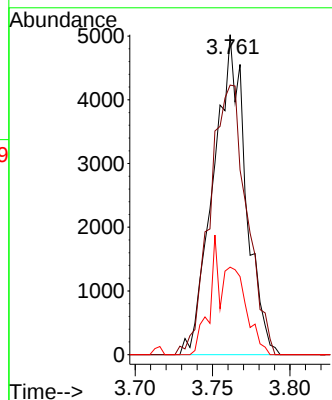
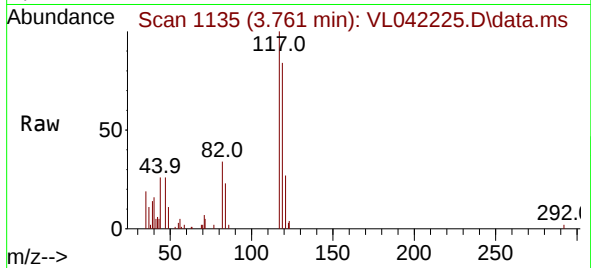




#35
Carbon Tetrachloride
Concen: 0.182 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

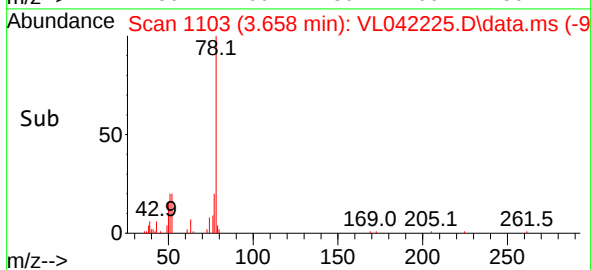
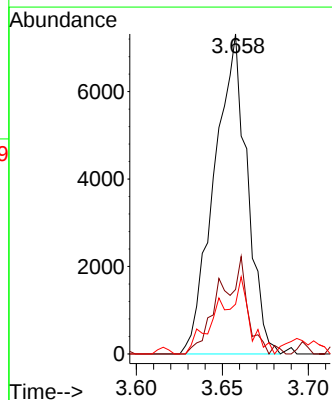
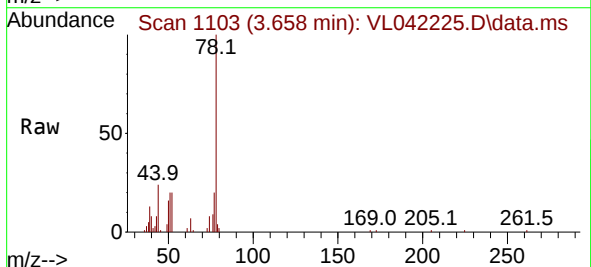
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

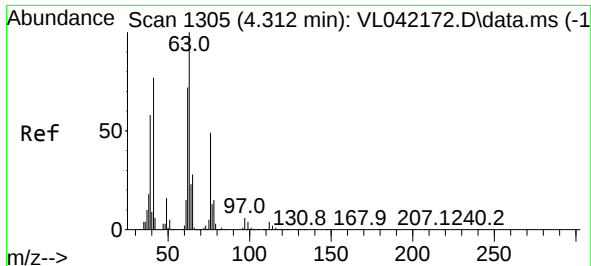
Tgt Ion:117 Resp: 7306
Ion Ratio Lower Upper
117 100
119 84.2 76.2 114.2
121 27.3 24.2 36.4



#36
Benzene
Concen: 0.191 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 78 Resp: 9716
Ion Ratio Lower Upper
78 100
77 20.1 19.1 28.7
50 15.6 16.6 24.8#





#39

1,2-Dichloropropane

Concen: 7.242 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.356 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

IA3DUP

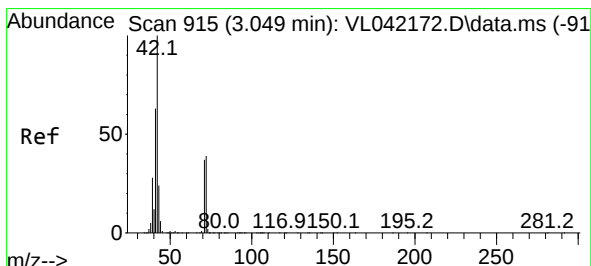
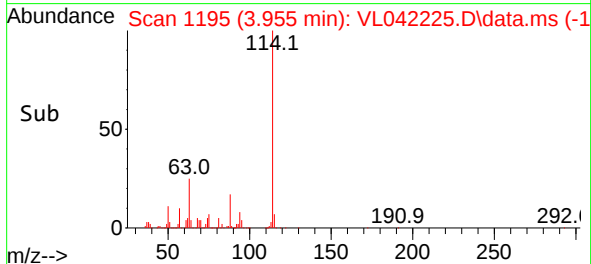
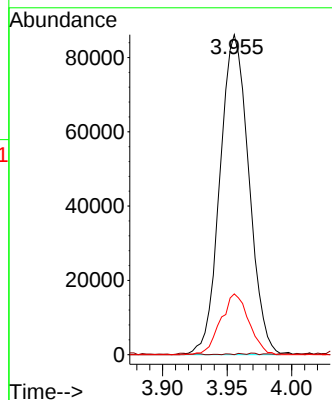
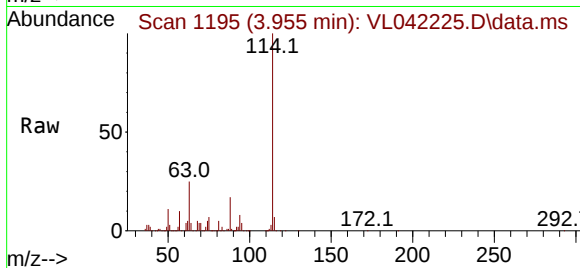
Tgt Ion: 63 Resp: 134228

Ion Ratio Lower Upper

63 100

41 0.0 61.7 92.5#

62 19.0 57.6 86.4#



#41

Tetrahydrofuran

Concen: 0.095 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.016 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

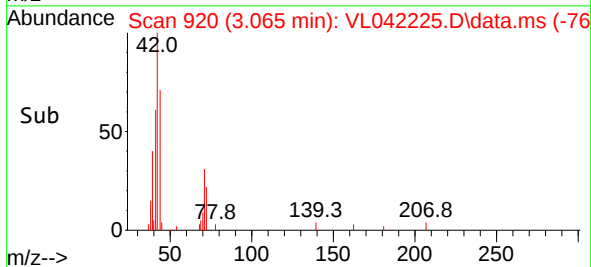
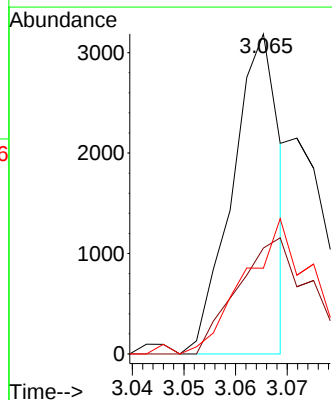
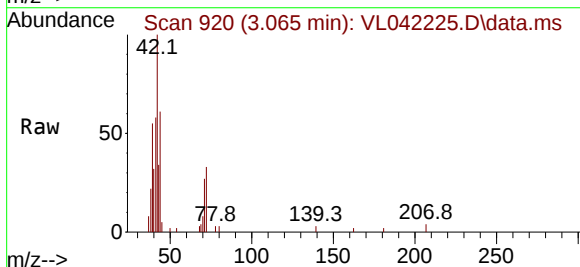
Tgt Ion: 42 Resp: 2027

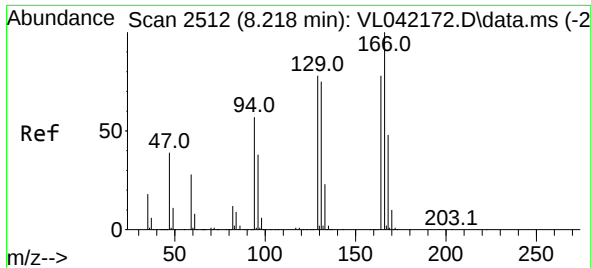
Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 30.2 45.4#

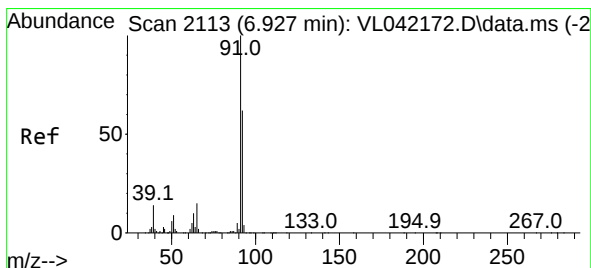
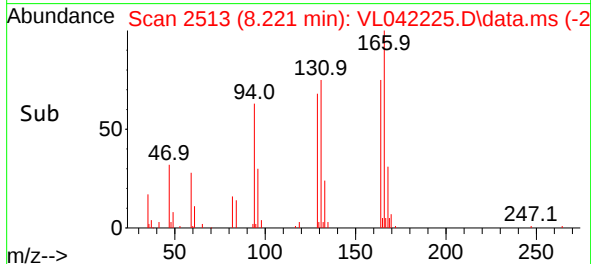
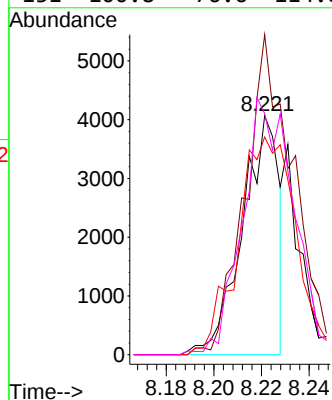
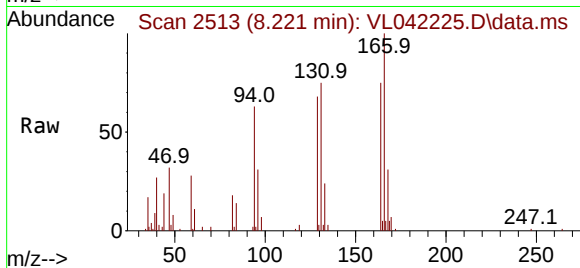




#52
Tetrachloroethene
Concen: 0.216 ppbv
RT: 8.221 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

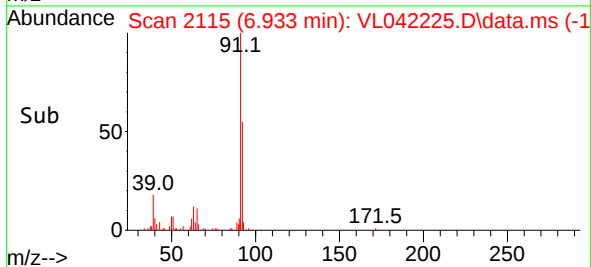
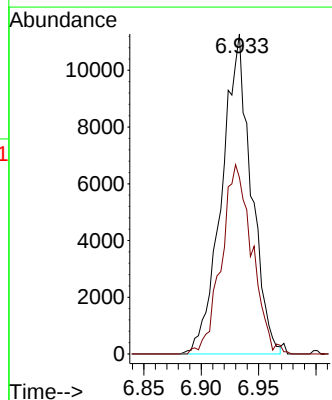
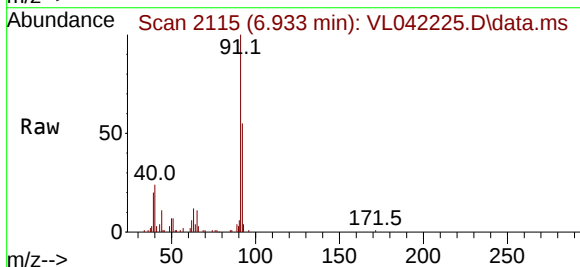
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

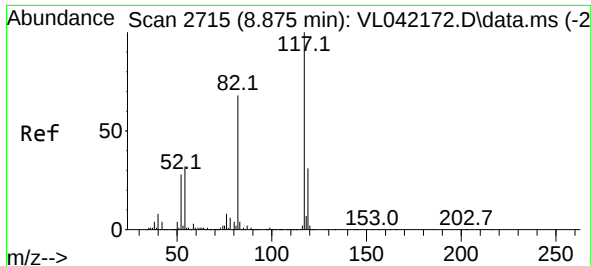
Tgt Ion:	164	Resp:	4355
Ion	Ratio	Lower	Upper
164	100		
166	133.9	102.5	153.7
129	94.7	79.8	119.8
131	100.8	76.6	114.8



#53
Toluene
Concen: 0.335 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion:	91	Resp:	20232
Ion	Ratio	Lower	Upper
91	100		
92	61.2	48.4	72.6

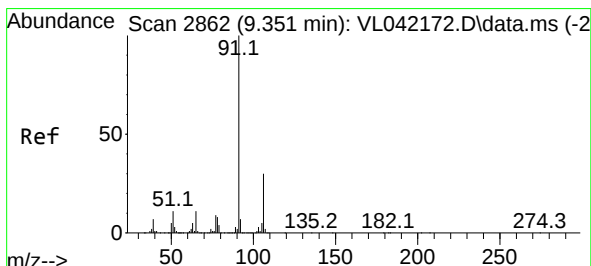
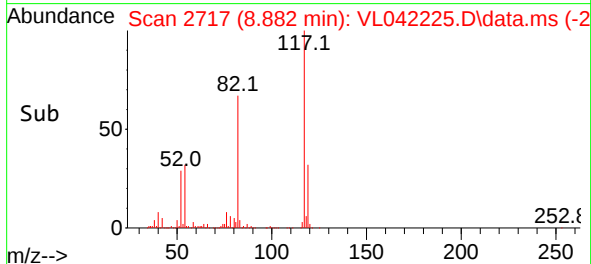
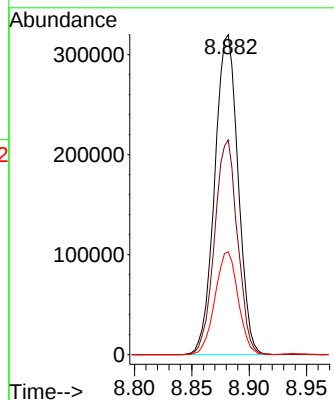
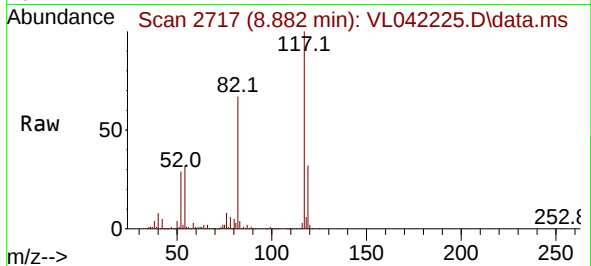




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

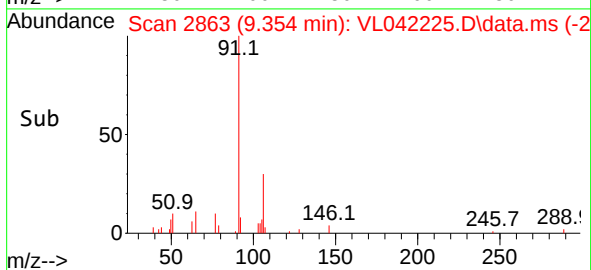
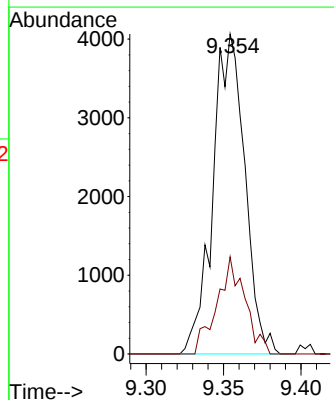
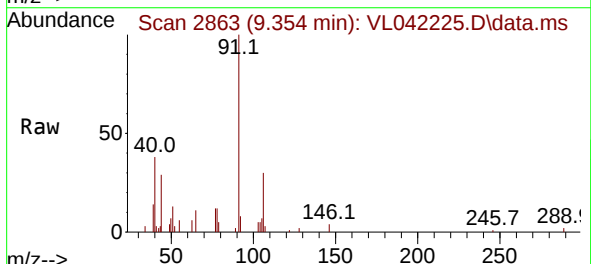
Instrument :
MSVOA_1
ClientSampleId :
IA3DUP

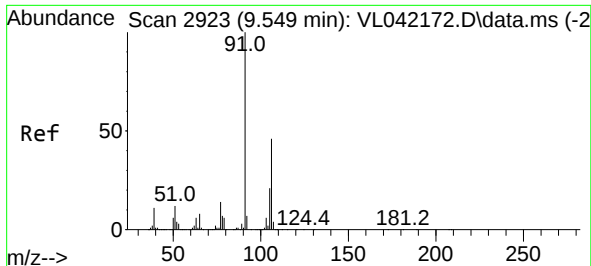
Tgt Ion:117 Resp: 453956
Ion Ratio Lower Upper
117 100
82 66.1 55.8 83.6
119 31.9 25.5 38.3



#58
Ethyl Benzene
Concen: 0.072 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 91 Resp: 5843
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2





#59

m/p-Xylene

Concen: 0.221 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.020 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

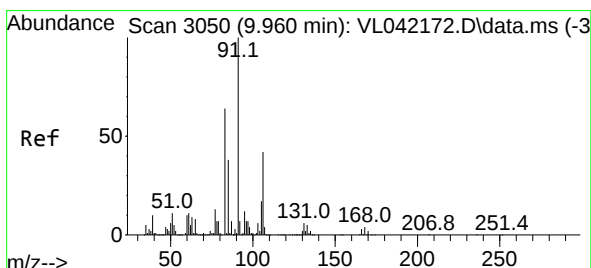
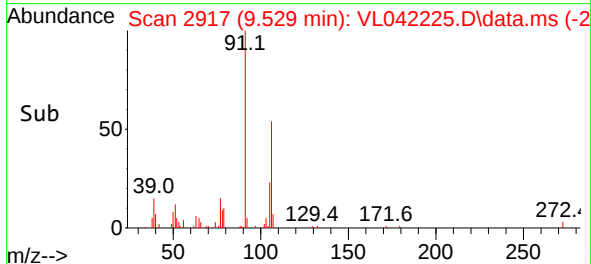
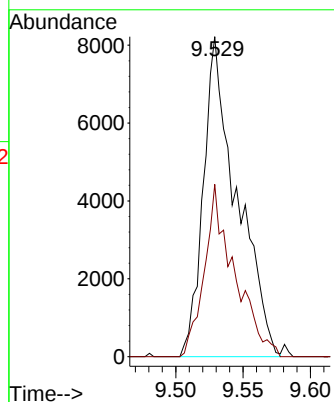
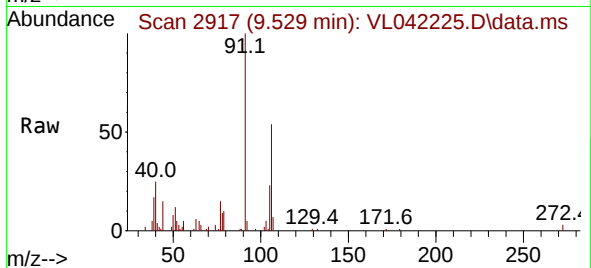
IA3DUP

Tgt Ion: 91 Resp: 14255

Ion Ratio Lower Upper

91 100

106 48.1 36.4 54.6



#60

o-Xylene

Concen: 0.093 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VL042225.D

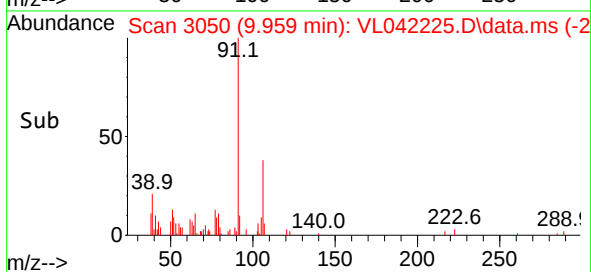
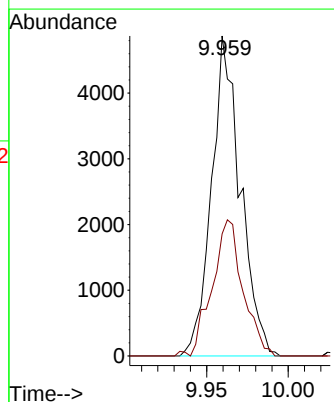
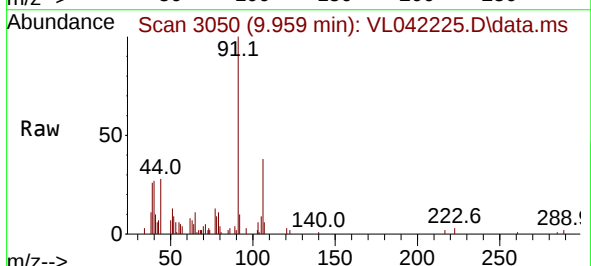
Acq: 04 Apr 2025 15:50

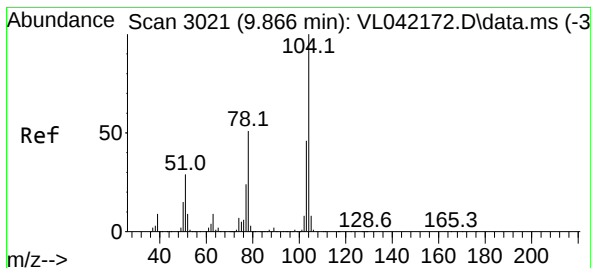
Tgt Ion: 91 Resp: 5981

Ion Ratio Lower Upper

91 100

106 45.5 20.8 62.5





#61

Styrene

Concen: 0.063 ppbv

RT: 9.872 min Scan# 3021

Delta R.T. 0.006 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_1

ClientSampleId :

IA3DUP

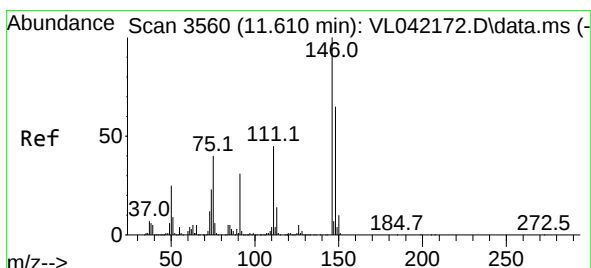
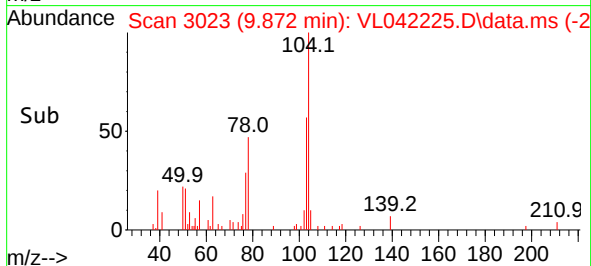
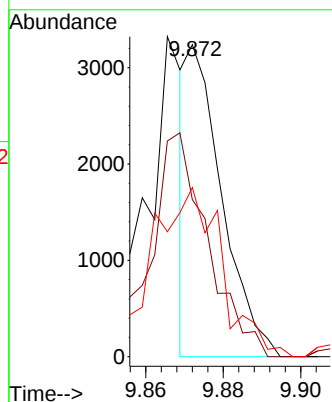
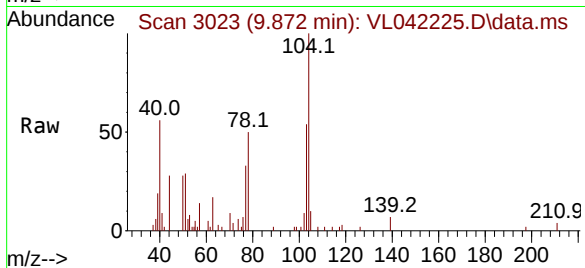
Tgt Ion:104 Resp: 2020

Ion Ratio Lower Upper

104 100

78 124.0 41.8 62.6#

103 109.1 37.0 55.4#



#66

Benzyl Chloride

Concen: 0.120 ppbv

RT: 11.753 min Scan# 3604

Delta R.T. 0.142 min

Lab File: VL042225.D

Acq: 04 Apr 2025 15:50

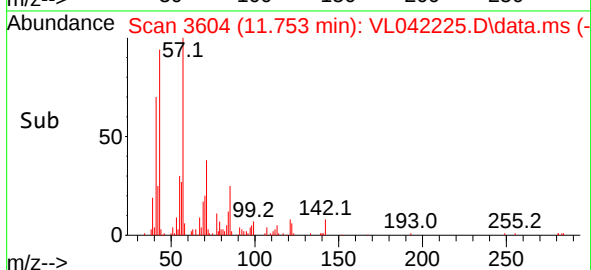
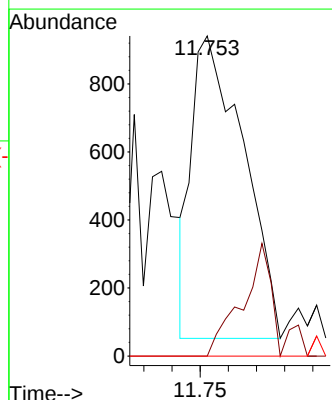
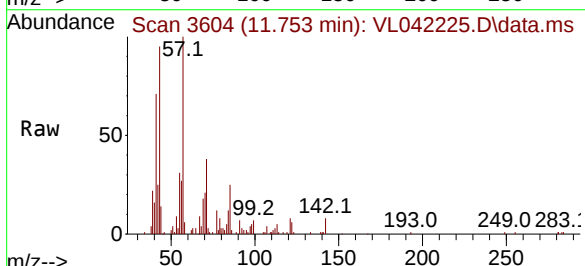
Tgt Ion: 91 Resp: 1133

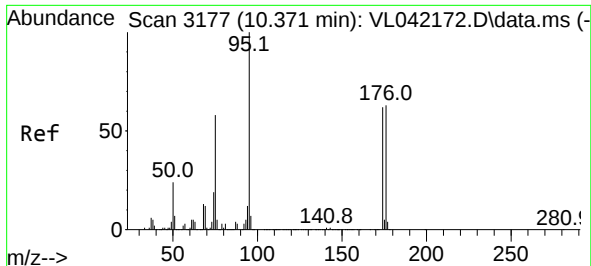
Ion Ratio Lower Upper

91 100

126 23.5 13.8 20.6#

128 6.4 4.5 6.7

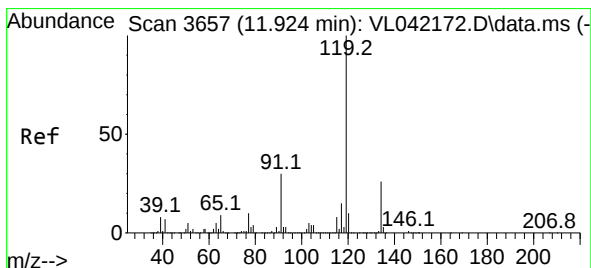
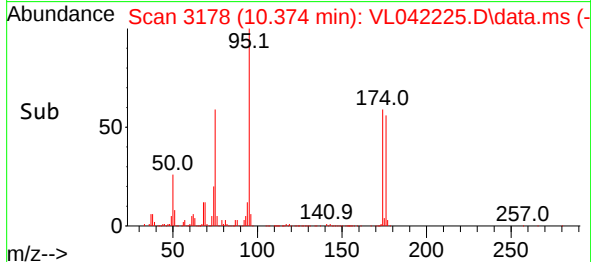
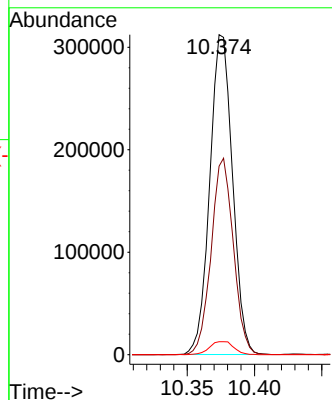
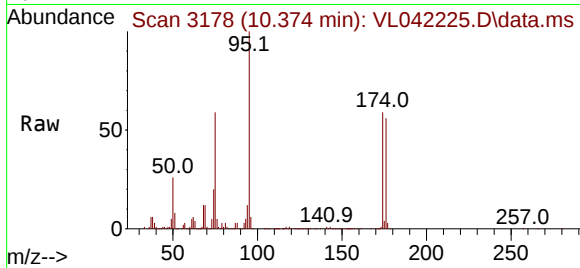




#68
1-Bromo-4-Fluorobenzene
Concen: 9.821 ppbv
RT: 10.374 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

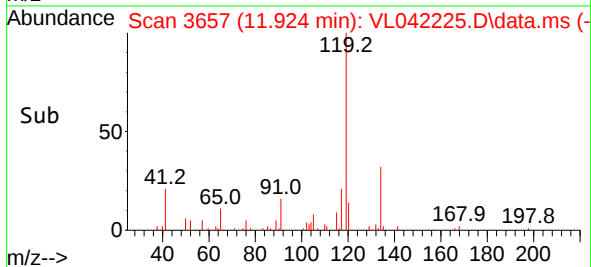
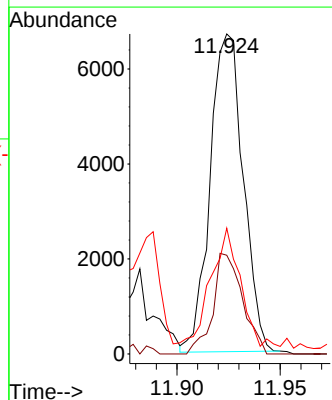
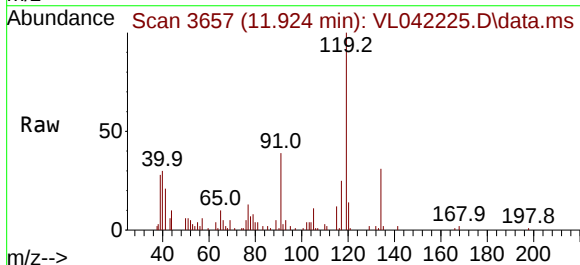
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

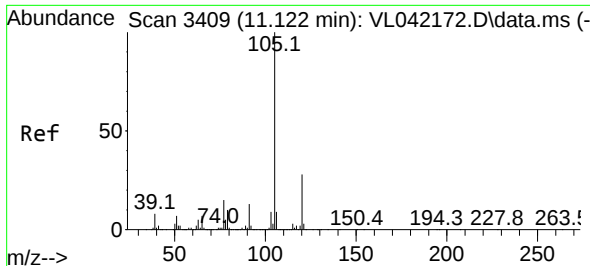
Tgt Ion: 95 Resp: 366110
Ion Ratio Lower Upper
95 100
174 60.1 50.6 76.0
175 4.4 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.070 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion: 119 Resp: 7461
Ion Ratio Lower Upper
119 100
134 28.2 20.4 30.6
91 0.0 23.7 35.5#

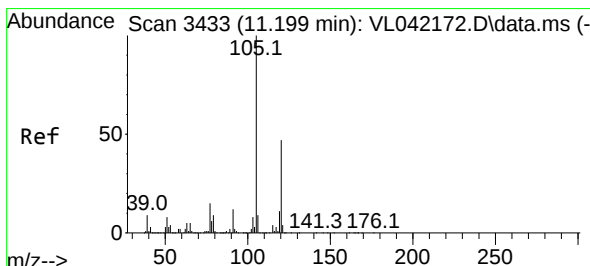
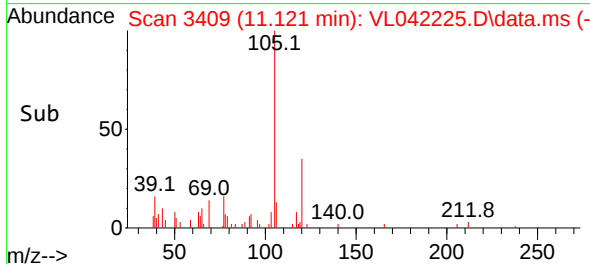
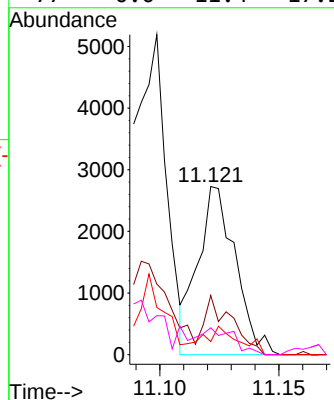
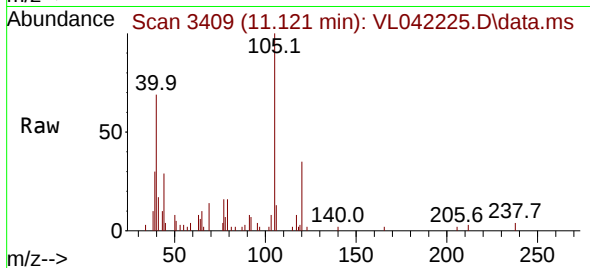




#72
4-Ethyltoluene
Concen: 0.037 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

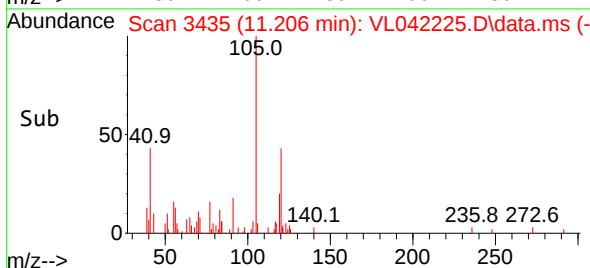
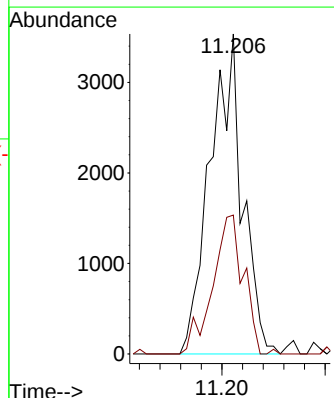
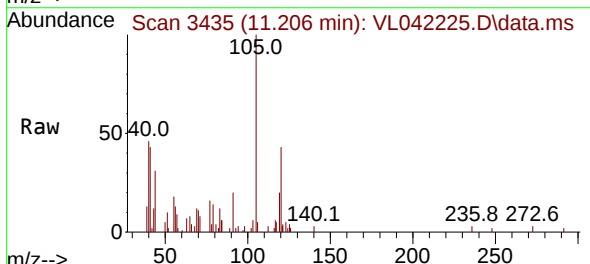
Instrument :
MSVOA_L
ClientSampleId :
IA3DUP

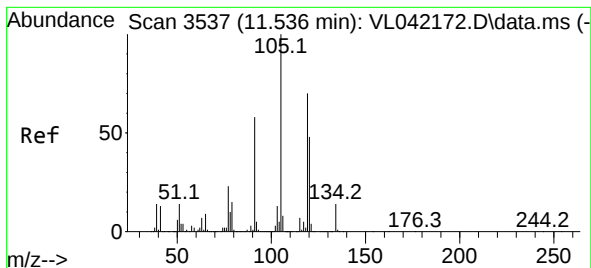
Tgt Ion:105	Resp:	2998
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.4 35.0#
91	0.0	10.3 15.5#
77	0.0	11.4 17.2#



#73
1,3,5-Trimethylbenzene
Concen: 0.055 ppbv
RT: 11.206 min Scan# 3435
Delta R.T. 0.006 min
Lab File: VL042225.D
Acq: 04 Apr 2025 15:50

Tgt Ion:105	Resp:	3843
Ion Ratio	Lower	Upper
105	100	
120	46.9	37.4 56.0





#74

1,2,4-Trimethylbenzene

Concen: 0.186 ppbv

RT: 11.536 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL042225.D

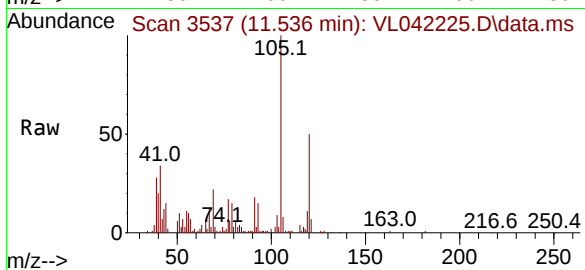
Acq: 04 Apr 2025 15:50

Instrument :

MSVOA_L

ClientSampleId :

IA3DUP



Tgt Ion:105 Resp: 15073

Ion Ratio Lower Upper

105 100

120 50.2 38.6 58.0

91 16.4 46.2 69.2#

77 16.3 18.6 27.8#

