

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042421.D
 Acq On : 28 Apr 2025 12:17
 Operator : SY/MD
 Sample : Q1665-12
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-6-3242025

Quant Time: Apr 29 01:35:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	140992	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.953	114	398020	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	341014	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	295244	10.536	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.496	85	11407	0.458	ppbv	97
3) Chlorodifluoromethane	1.464	51	18645	0.786	ppbv #	77
4) Chloromethane	1.532	50	5396	0.547	ppbv	89
9) Propene	1.557	41	608473	56.326	ppbv	96
10) Heptane	4.972	43	9796	0.323	ppbv	91
11) Trichlorofluoromethane	1.875	101	5389	0.227	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.137	101	1178	0.061	ppbv #	76
13) Ethanol	1.719	45	124500	72.509	ppbv	76
15) Acetone	1.842	43	548904	23.782	ppbv #	68
16) 1,3-Butadiene	1.619	39	12032	1.090	ppbv #	21
17) tert-Butyl alcohol	2.040	59	53033	1.854	ppbv #	71
19) Isopropyl Alcohol	1.881	45	791511	61.732	ppbv #	34
20) Methylene Chloride	2.059	84	39463	4.366	ppbv #	77
21) Allyl Chloride	2.040	41	13024	0.817	ppbv #	57
23) Vinyl Acetate	2.460	43	53220	5.696	ppbv #	94
25) Ethyl Acetate	2.820	43	82058	1.442	ppbv #	81
26) Hexane	2.820	57	111715	4.851	ppbv #	33
27) Carbon Disulfide	2.143	76	1149	0.047	ppbv #	1
30) Cyclohexane	3.852	84	2492	0.134	ppbv #	1
34) 2-Butanone	2.554	43	25006	0.794	ppbv	99
35) Carbon Tetrachloride	3.755	117	1756	0.049	ppbv #	73
36) Benzene	3.645	78	8034	0.187	ppbv	95
37) 1,2-Dichloroethane	3.205	62	1519	0.059	ppbv #	87
39) 1,2-Dichloropropane	3.949	63	108761	6.798	ppbv #	22
41) Tetrahydrofuran	3.059	42	870	0.047	ppbv #	55
44) 2,2,4-Trimethylpentane	4.632	57	15729	0.212	ppbv #	65
50) 4-Methyl-2-Pentanone	5.749	43	54716	1.046	ppbv	96
53) Toluene	6.921	91	71766	1.393	ppbv	99
58) Ethyl Benzene	9.345	91	33666	0.498	ppbv	96
59) m/p-Xylene	9.552	91	4106	0.075	ppbv #	32
60) o-Xylene	9.957	91	18390	0.336	ppbv	97
61) Styrene	9.863	104	11677	0.446	ppbv	91
62) Isopropylbenzene	10.529	105	9651	0.120	ppbv	98
64) n-propylbenzene	10.986	120	2331	0.115	ppbv #	51
65) tert-Butylbenzene	11.530	119	5655	0.076	ppbv #	69
70) n-Butylbenzene	12.277	91	4101	0.044	ppbv #	79
72) 4-Ethyltoluene	11.118	105	10909	0.163	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.199	105	11852	0.200	ppbv	92
74) 1,2,4-Trimethylbenzene	11.533	105	45414	0.657	ppbv #	59
79) Naphthalene	13.514	128	6445	0.078	ppbv	96
80) Naphthalene,2-methyl-	14.452	142	2419	0.051	ppbv #	64

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Quant Time: Apr 29 01:35:07 2025
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

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

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

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

Abundance

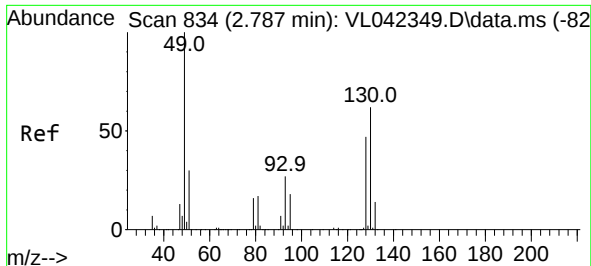
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Time-->

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Propene, T
Isopropyl Alcohol, T
1,3-Butadiene, T
Ethanol
Methyl Chloride, T
Carbon tetrachloride, T
2-Butoxyethanol, T
Ethyl acetate, T
Tetrahydrofuran, T
1,2-Dichloroethane, T
Benzene, T
Cyclohexane
2,2,4-Trimethylpentane, T
Heptane, T
4-Methyl-2-Pentanone, T
Toluene, T
Ethyl Benzene, T
m,p-Xylene, T
Styrene, T
Isopropylbenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
n-Butylbenzene
Naphthalene, T
Naphthalene, 2-methyl-, T

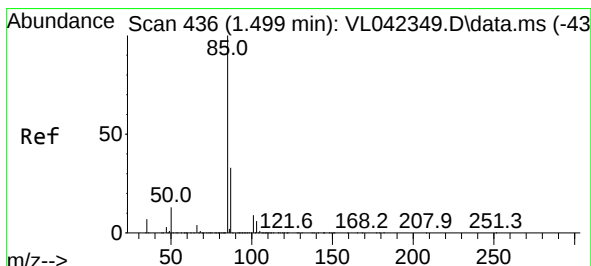
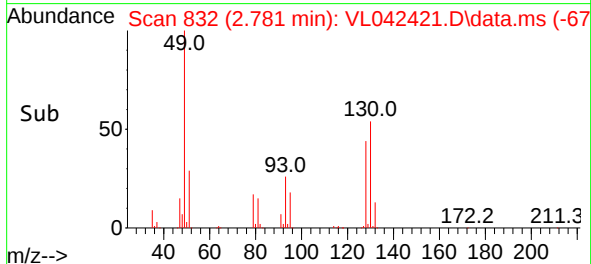
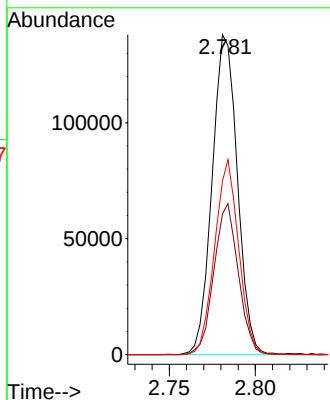
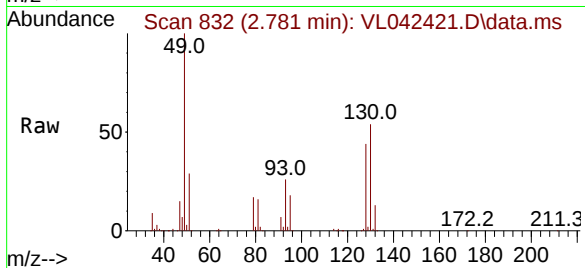
Chlorobenzene-d5, I
1-Bromo-4-Fluorobenzene, S



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

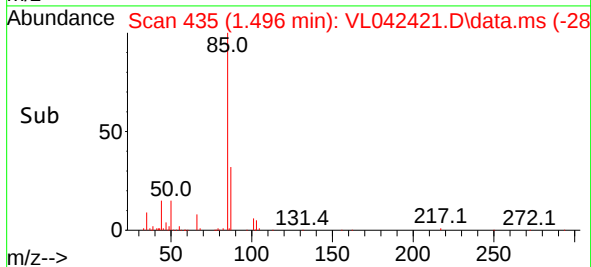
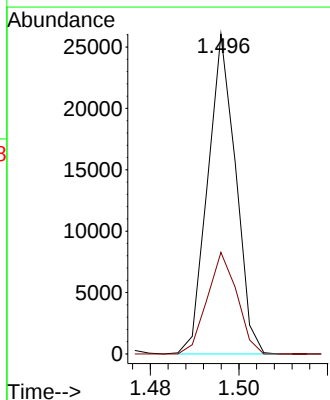
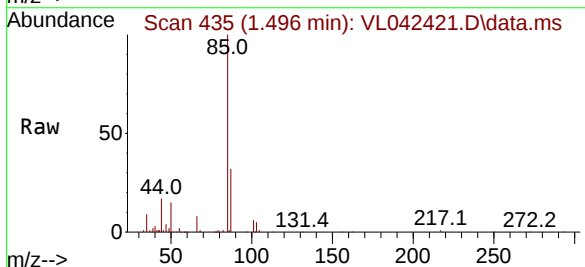
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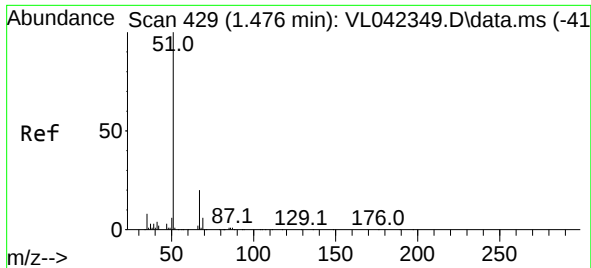
Tgt Ion: 49 Resp: 140992
 Ion Ratio Lower Upper
 49 100
 128 45.9 22.8 68.4
 130 58.0 29.3 88.0



#2
 Dichlorodifluoromethane
 Concen: 0.458 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.003 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

Tgt Ion: 85 Resp: 11407
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 39.8

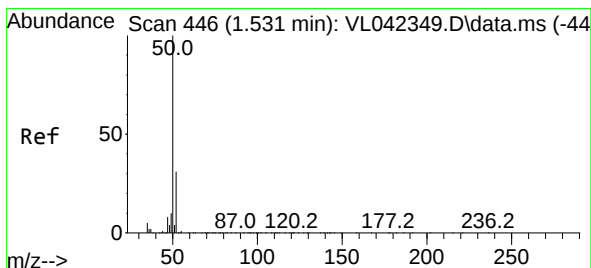
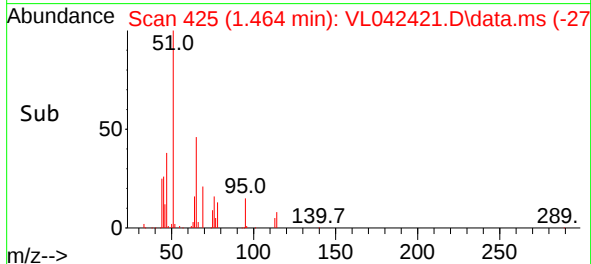
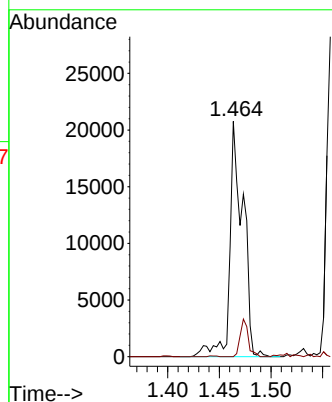
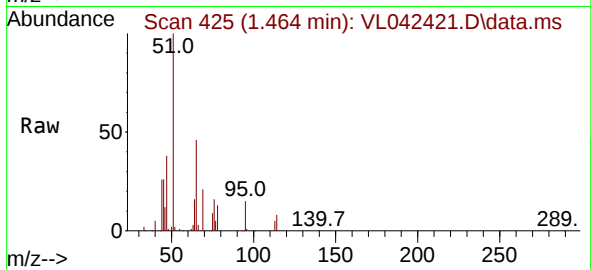




#3
Chlorodifluoromethane
Concen: 0.786 ppbv
RT: 1.464 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

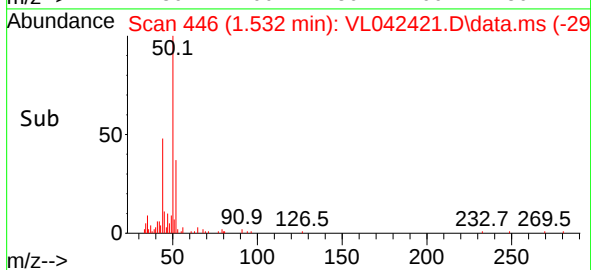
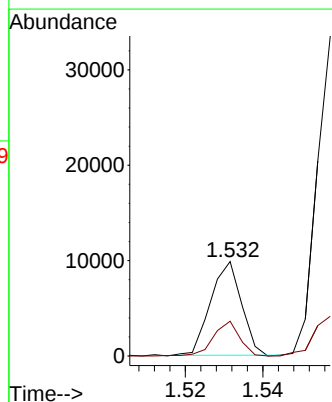
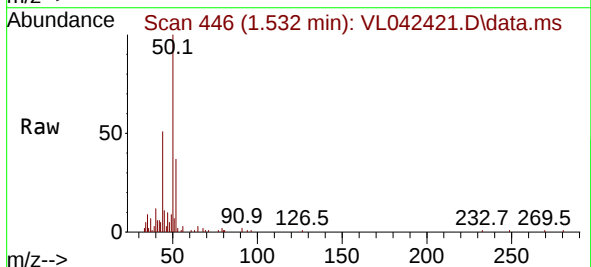
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

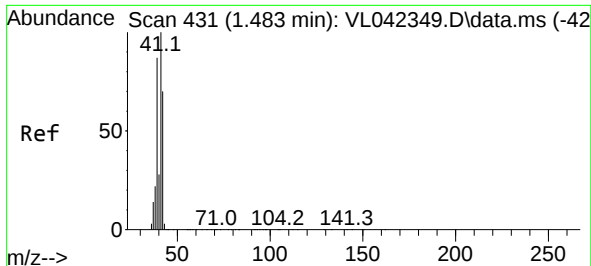
Tgt Ion: 51 Resp: 18645
Ion Ratio Lower Upper
51 100
67 9.8 16.2 24.4#



#4
Chloromethane
Concen: 0.547 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 50 Resp: 5396
Ion Ratio Lower Upper
50 100
52 37.0 24.7 37.1





#9

Propene

Concen: 56.326 ppbv

RT: 1.557 min Scan# 41

Delta R.T. 0.075 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

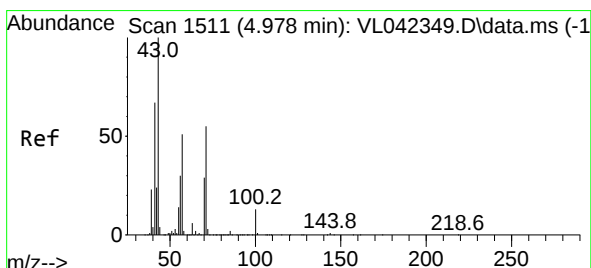
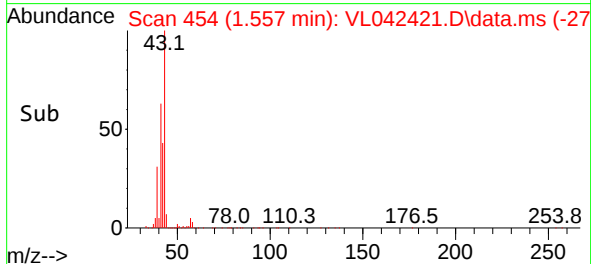
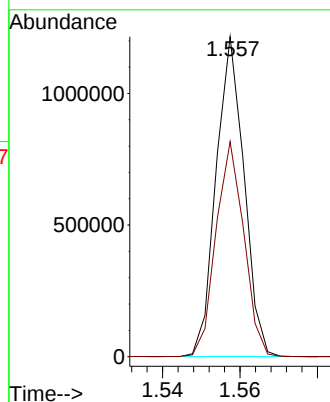
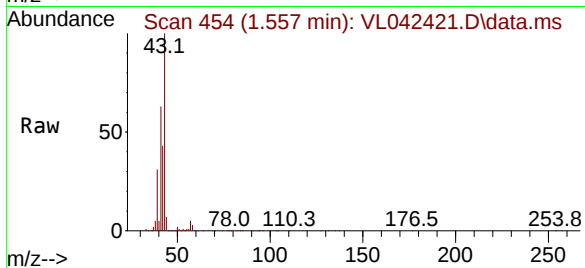
IA-B2-6-3242025

Tgt Ion: 41 Resp: 608473

Ion Ratio Lower Upper

41 100

42 67.3 56.2 84.4



#10

Heptane

Concen: 0.323 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VL042421.D

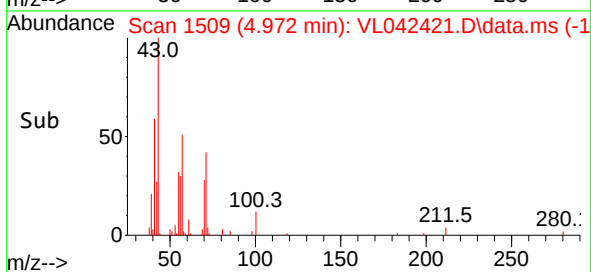
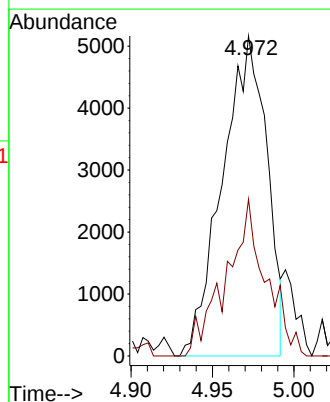
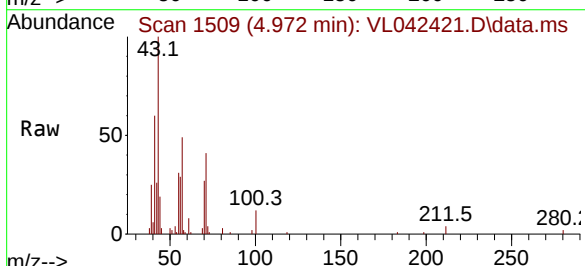
Acq: 28 Apr 2025 12:17

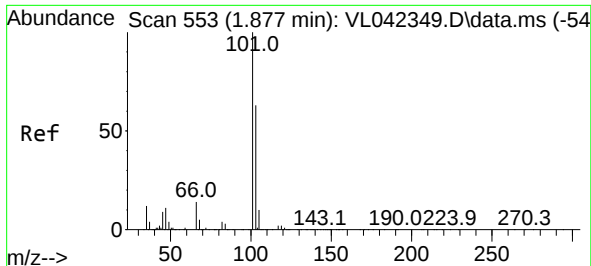
Tgt Ion: 43 Resp: 9796

Ion Ratio Lower Upper

43 100

57 44.0 39.9 59.9

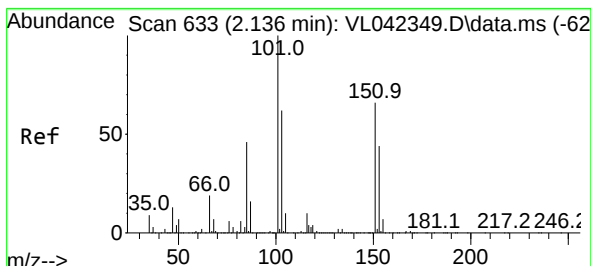
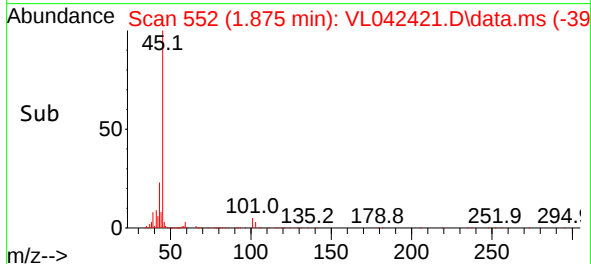
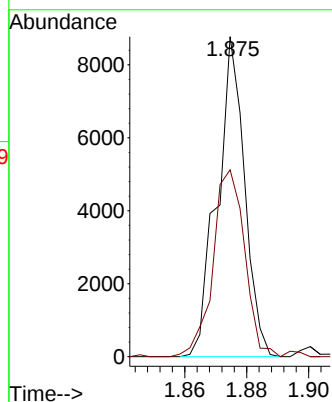
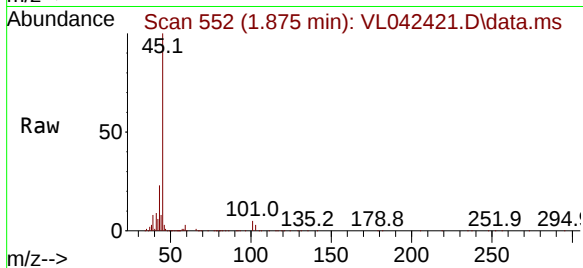




#11
 Trichlorofluoromethane
 Concen: 0.227 ppbv
 RT: 1.875 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

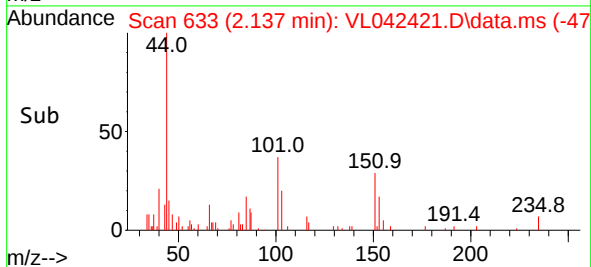
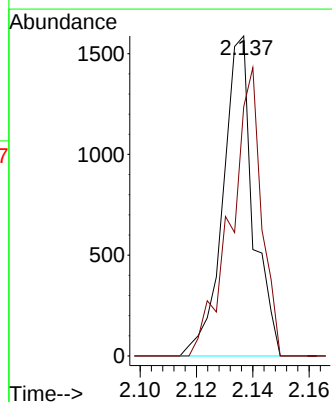
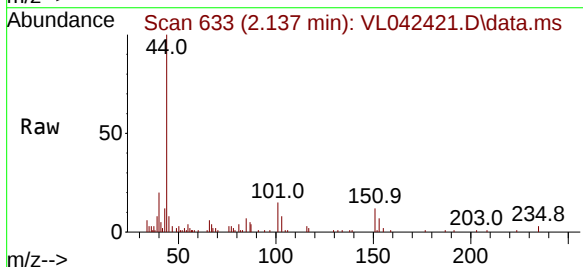
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 IA-B2-6-3242025

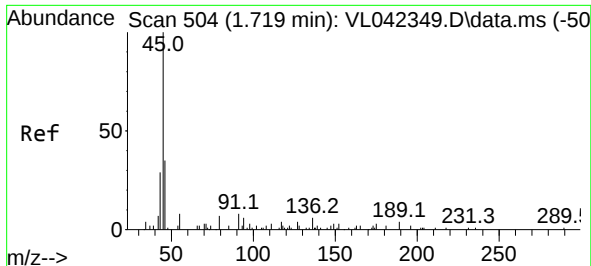
Tgt Ion:101 Resp: 5389
 Ion Ratio Lower Upper
 101 100
 103 58.4 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.061 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

Tgt Ion:101 Resp: 1178
 Ion Ratio Lower Upper
 101 100
 151 91.6 57.0 85.6#

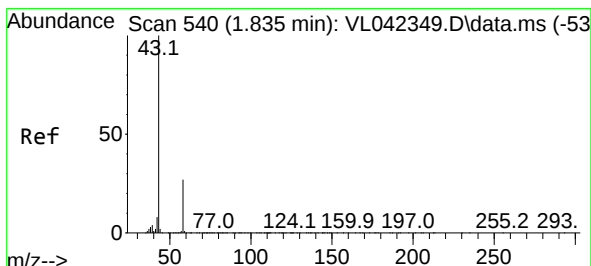
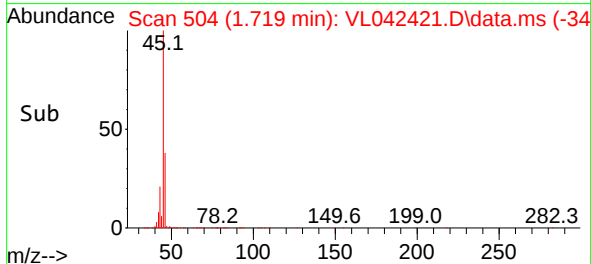
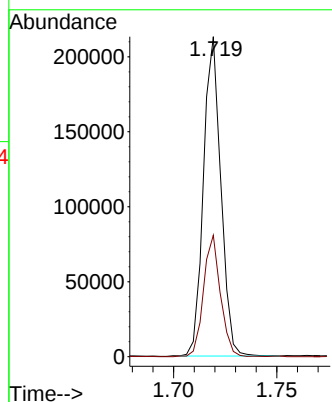
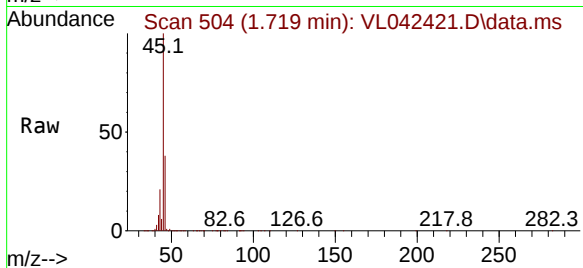




#13
Ethanol
Concen: 72.509 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

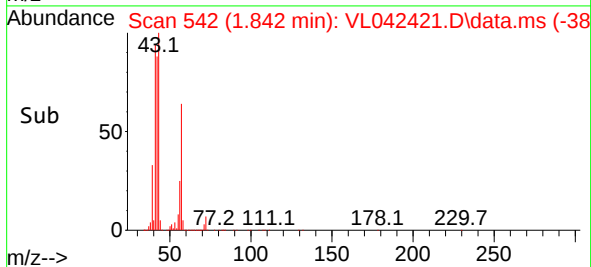
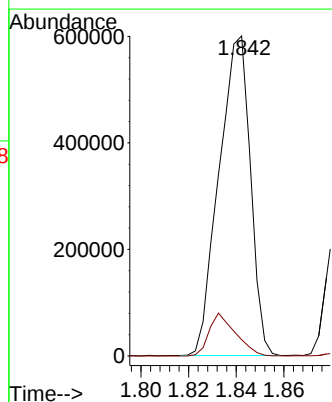
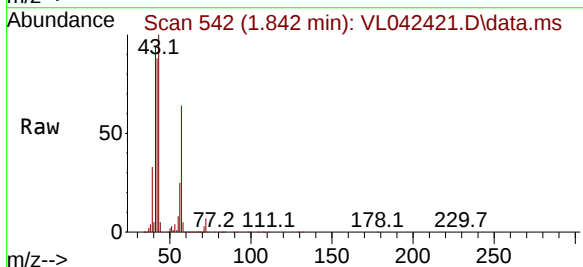
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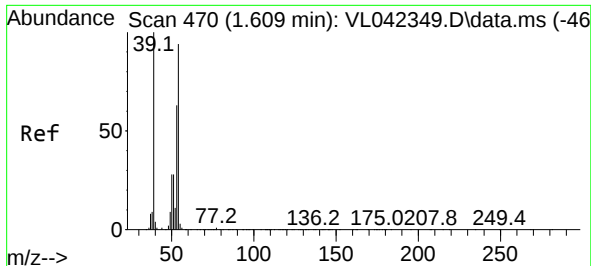
Tgt Ion: 45 Resp: 124500
Ion Ratio Lower Upper
45 100
46 37.4 21.9 87.7



#15
Acetone
Concen: 23.782 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.007 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 43 Resp: 548904
Ion Ratio Lower Upper
43 100
58 11.3 22.4 33.6#

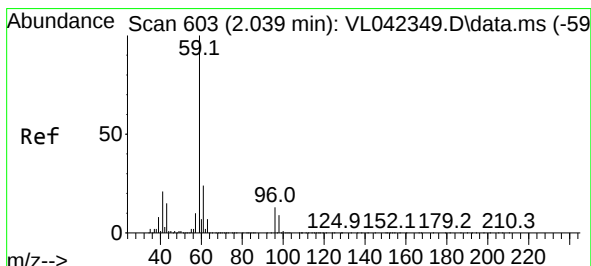
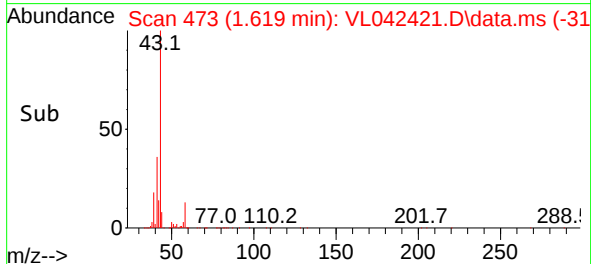
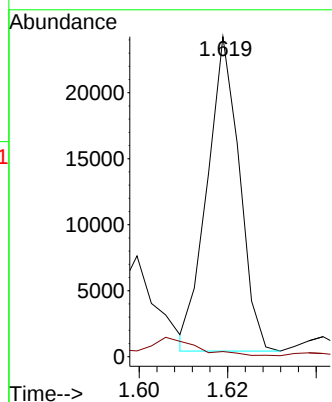
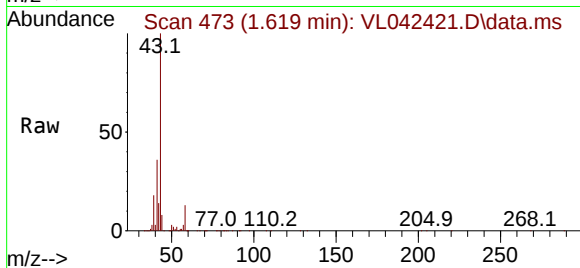




#16
1,3-Butadiene
Concen: 1.090 ppbv
RT: 1.619 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

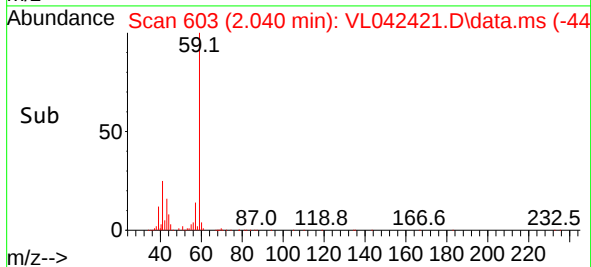
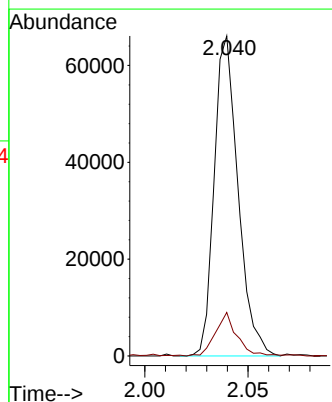
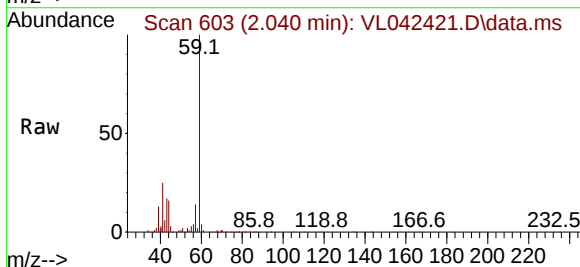
Instrument :
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IA-B2-6-3242025

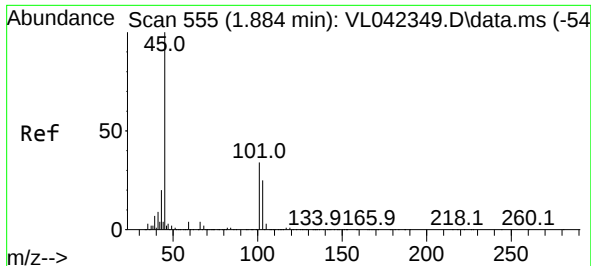
Tgt Ion: 39 Resp: 12032
Ion Ratio Lower Upper
39 100
54 11.2 64.9 97.3#



#17
tert-Butyl alcohol
Concen: 1.854 ppbv
RT: 2.040 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 59 Resp: 53033
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

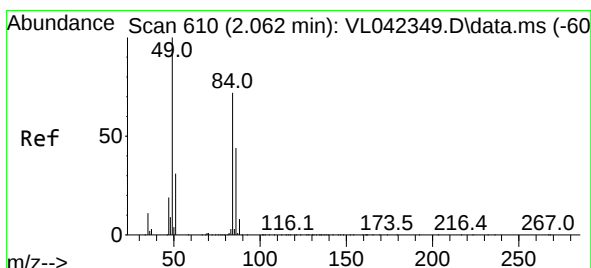
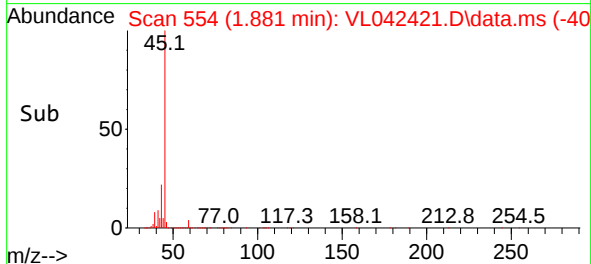
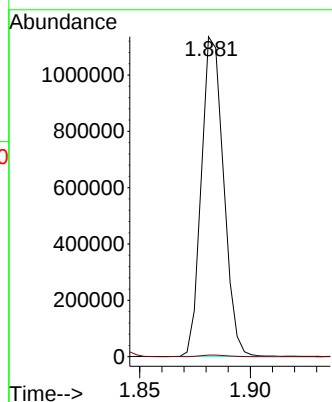
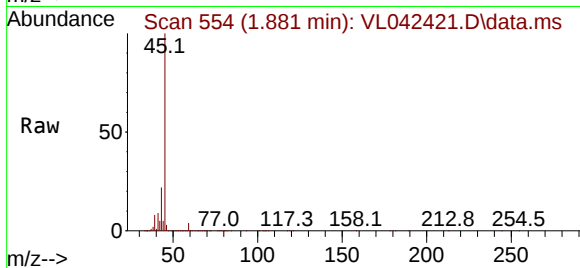




#19
Isopropyl Alcohol
Concen: 61.732 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

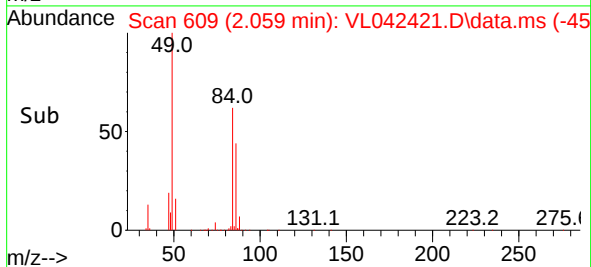
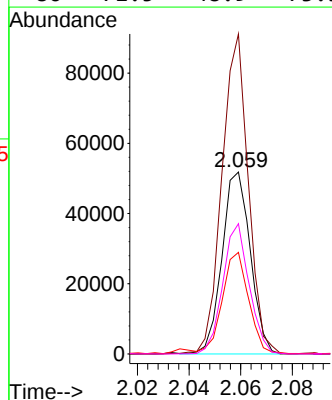
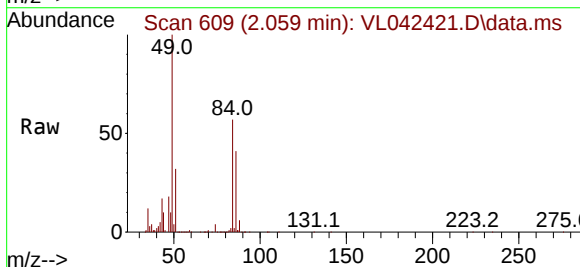
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

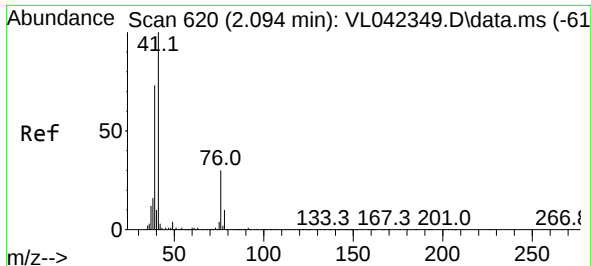
Tgt Ion: 45 Resp: 791511
Ion Ratio Lower Upper
45 100
58 0.6 34.5 51.7#



#20
Methylene Chloride
Concen: 4.366 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 84 Resp: 39463
Ion Ratio Lower Upper
84 100
49 175.5 111.6 167.4#
51 55.1 35.1 52.7#
86 71.5 48.9 73.3

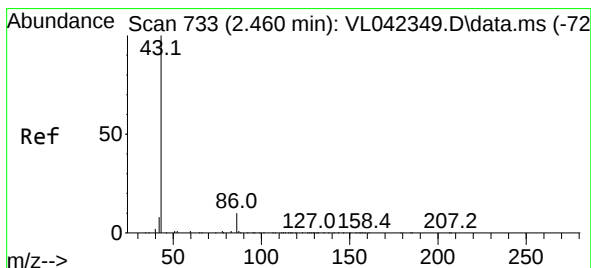
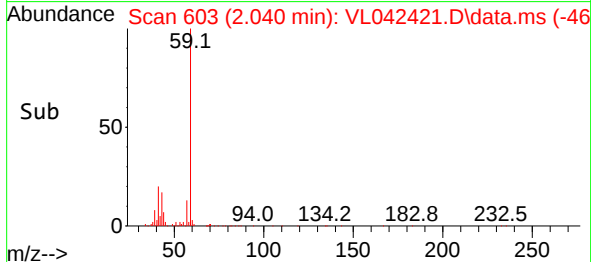
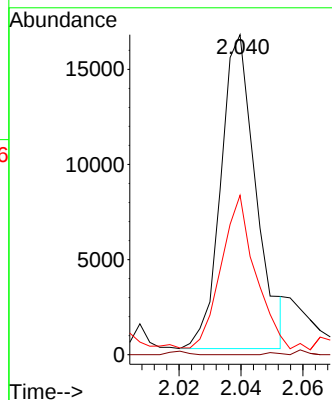
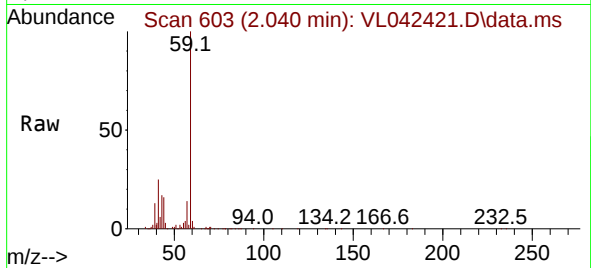




#21
 Allyl Chloride
 Concen: 0.817 ppbv
 RT: 2.040 min Scan# 603
 Delta R.T. -0.055 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

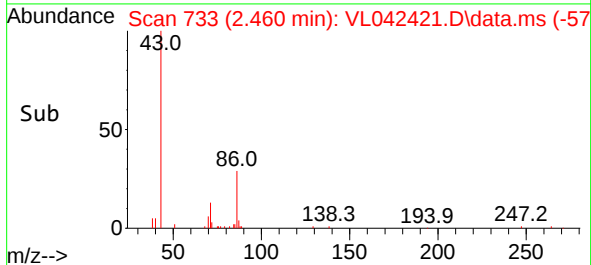
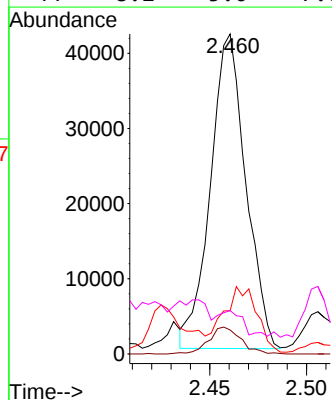
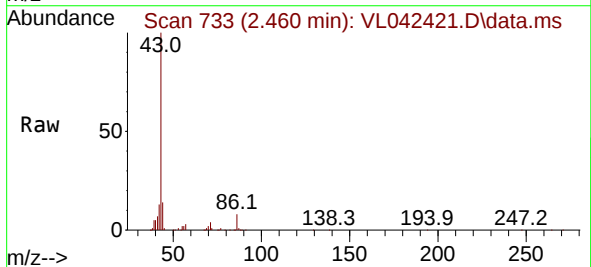
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-6-3242025

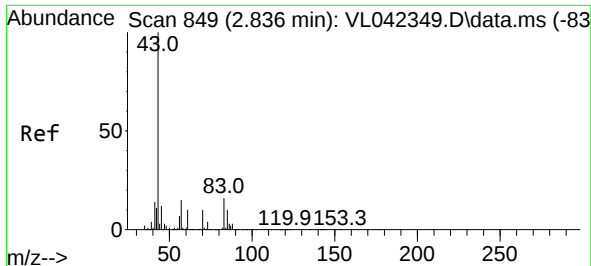
Tgt Ion: 41 Resp: 13024
 Ion Ratio Lower Upper
 41 100
 76 0.5 24.8 37.2#
 39 43.7 60.6 90.8#



#23
 Vinyl Acetate
 Concen: 5.696 ppbv
 RT: 2.460 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VL042421.D
 Acq: 28 Apr 2025 12:17

Tgt Ion: 43 Resp: 53220
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.5 9.7
 42 13.1 7.8 11.8#
 44 8.2 5.0 7.6#





#25

Ethyl Acetate

Concen: 1.442 ppbv

RT: 2.820 min Scan# 844

Delta R.T. -0.016 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-6-3242025

Tgt Ion: 43 Resp: 82058

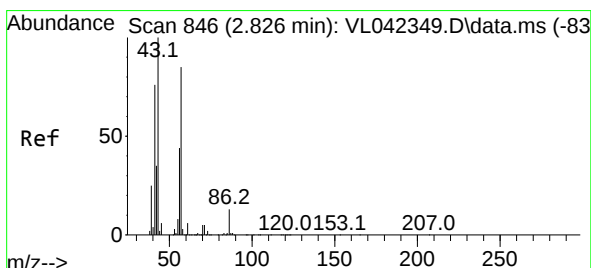
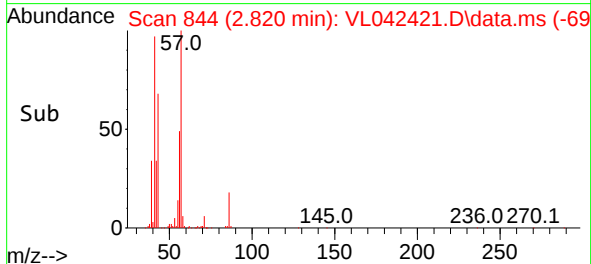
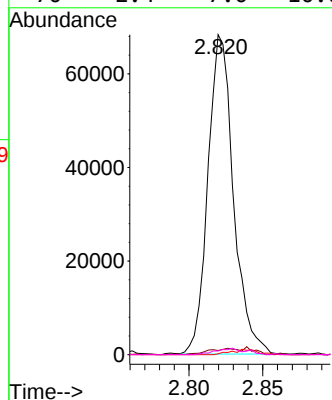
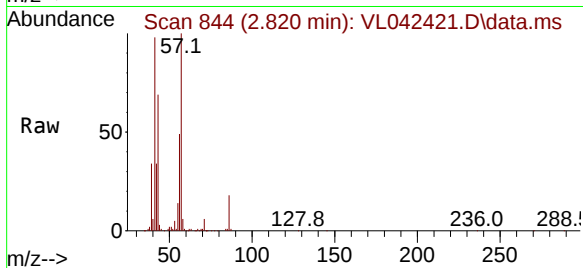
Ion Ratio Lower Upper

43 100

45 3.6 8.3 12.5#

61 1.7 7.3 10.9#

70 2.4 7.0 10.6#



#26

Hexane

Concen: 4.851 ppbv

RT: 2.820 min Scan# 844

Delta R.T. -0.006 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Tgt Ion: 57 Resp: 111715

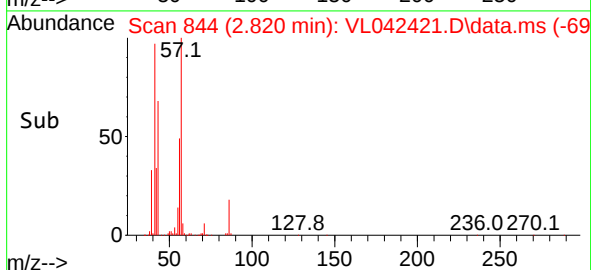
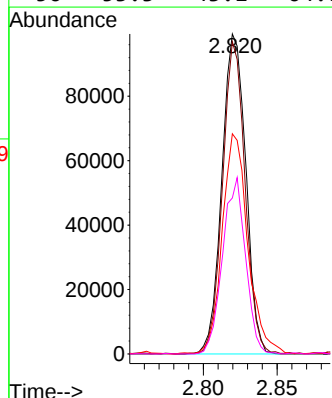
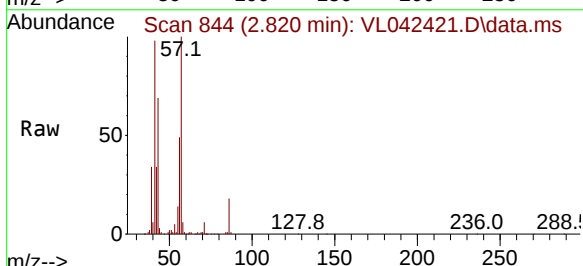
Ion Ratio Lower Upper

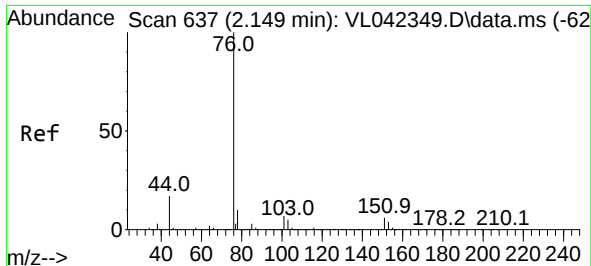
57 100

41 92.0 77.9 116.9

43 74.4 208.4 312.6#

56 53.3 43.1 64.7

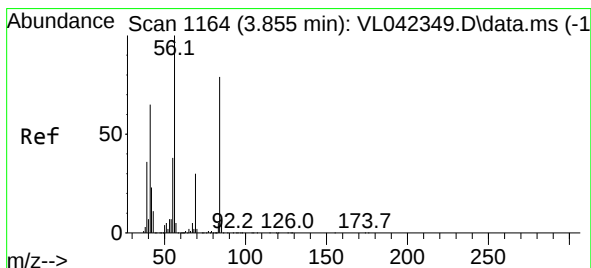
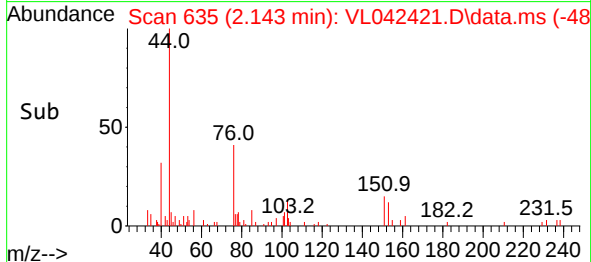
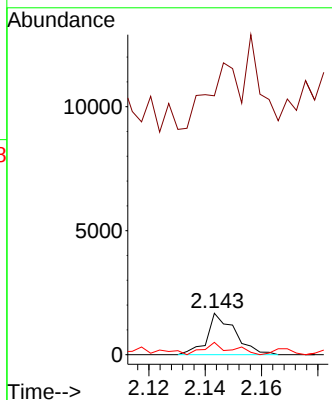
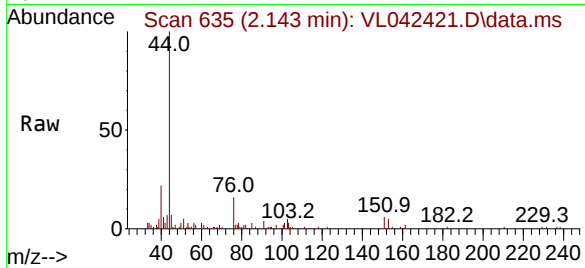




#27
Carbon Disulfide
Concen: 0.047 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

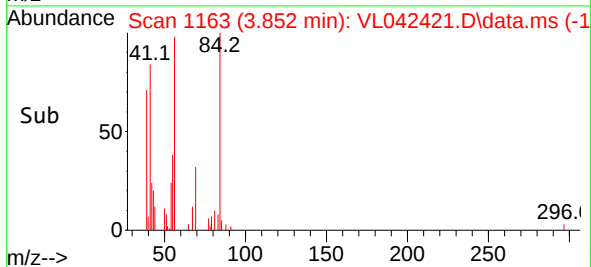
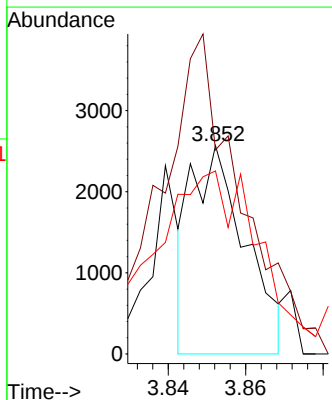
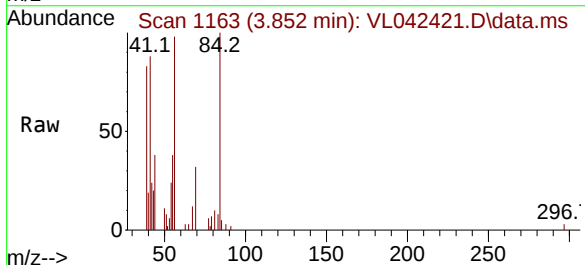
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

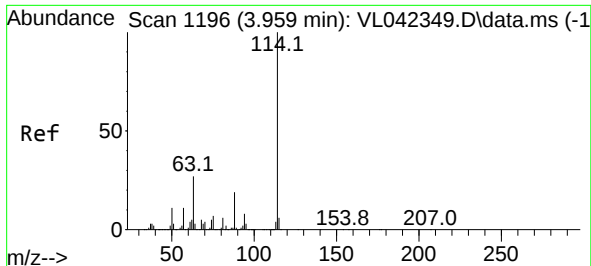
Tgt Ion: 76 Resp: 1149
Ion Ratio Lower Upper
76 100
44 1354.1 15.5 23.3#
78 36.2 9.3 13.9#



#30
Cyclohexane
Concen: 0.134 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 84 Resp: 2492
Ion Ratio Lower Upper
84 100
56 255.2 101.0 151.4#
41 0.0 67.4 101.0#

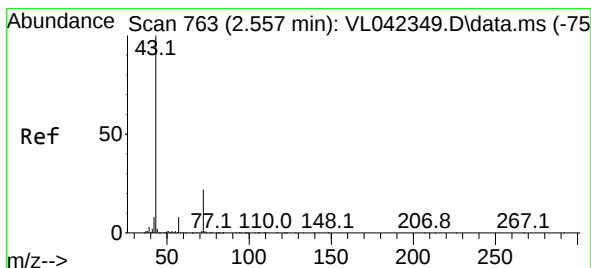
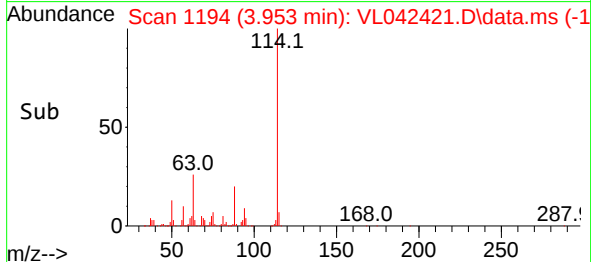
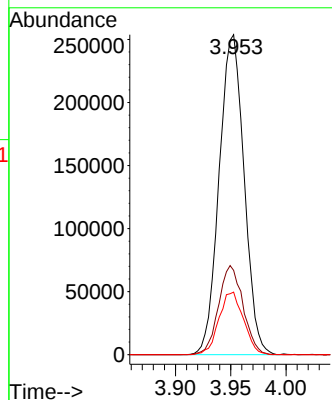
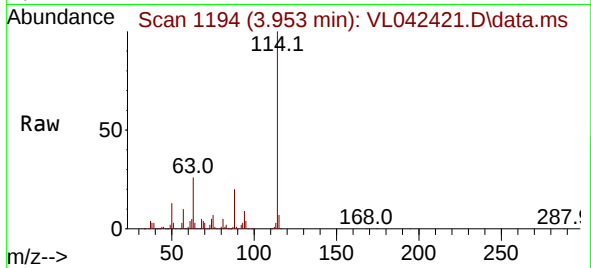




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.953 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

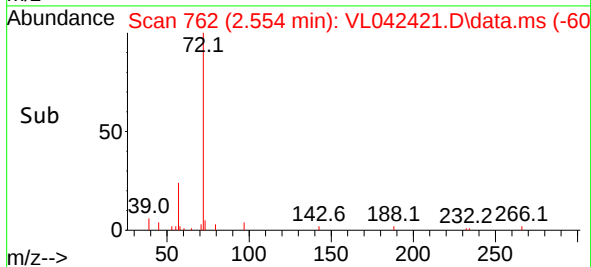
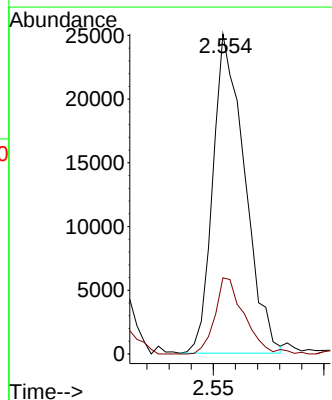
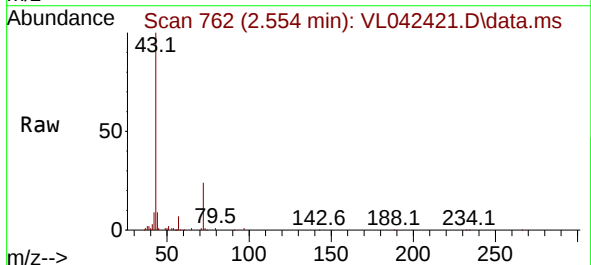
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

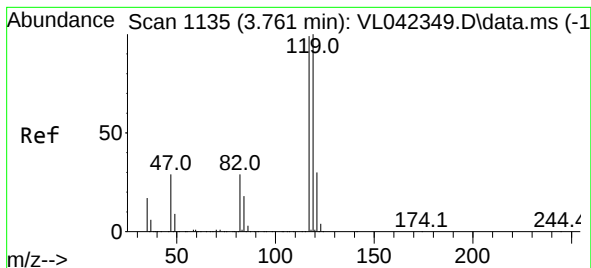
Tgt Ion:114 Resp: 398020
Ion Ratio Lower Upper
114 100
63 27.3 21.8 32.6
88 19.3 15.5 23.3



#34
2-Butanone
Concen: 0.794 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 43 Resp: 25006
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.049 ppbv

RT: 3.755 min Scan# 1135

Delta R.T. -0.006 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-6-3242025

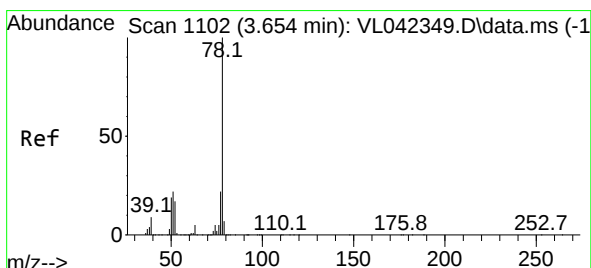
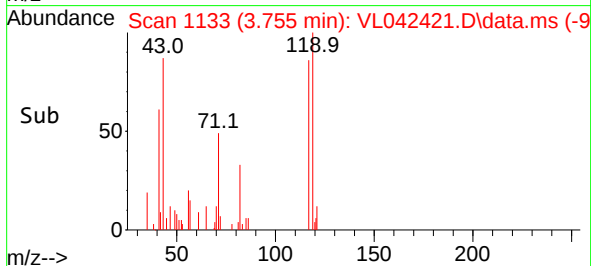
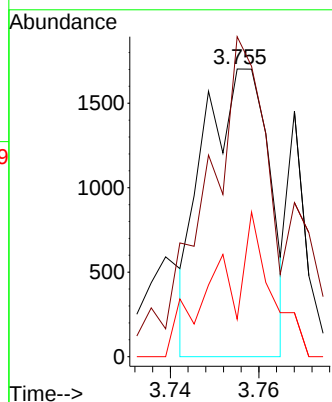
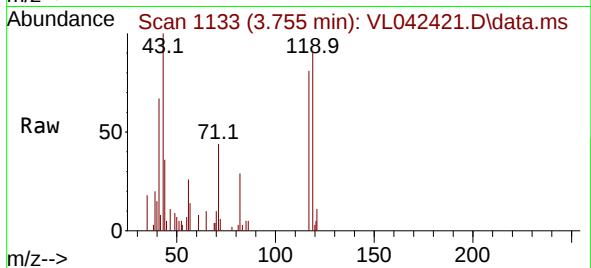
Tgt Ion:117 Resp: 1756

Ion Ratio Lower Upper

117 100

119 119.0 80.5 120.7

121 0.0 24.2 36.2#



#36

Benzene

Concen: 0.187 ppbv

RT: 3.645 min Scan# 1099

Delta R.T. -0.009 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

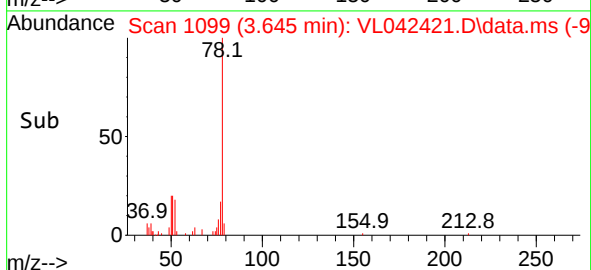
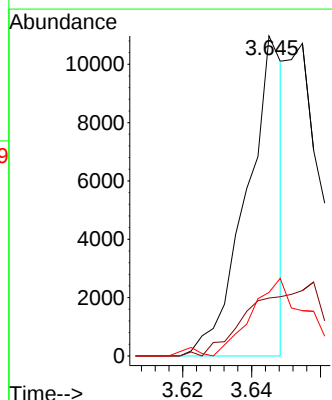
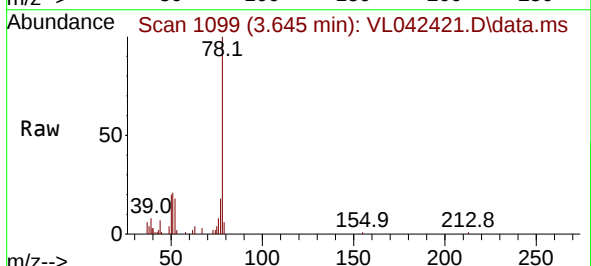
Tgt Ion: 78 Resp: 8034

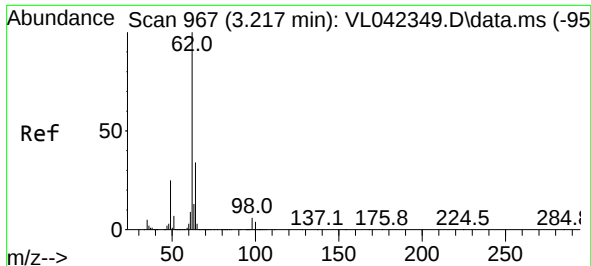
Ion Ratio Lower Upper

78 100

77 18.1 17.4 26.0

50 18.5 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.059 ppbv

RT: 3.205 min Scan# 9

Delta R.T. -0.013 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

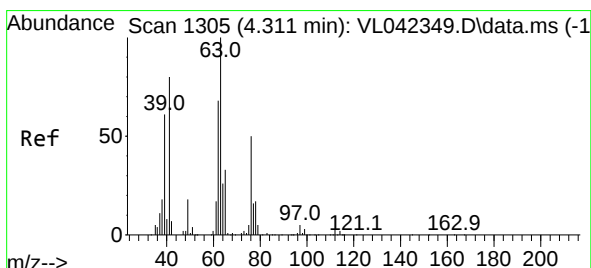
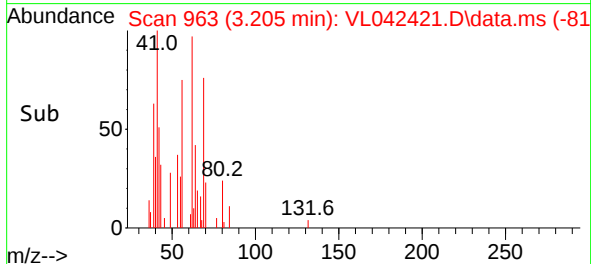
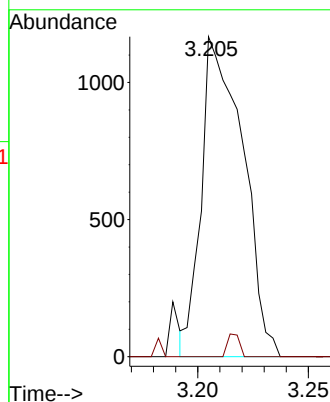
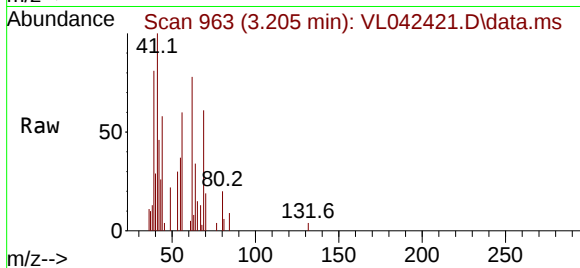
IA-B2-6-3242025

Tgt Ion: 62 Resp: 1519

Ion Ratio Lower Upper

62 100

98 2.0 5.1 7.7#



#39

1,2-Dichloropropane

Concen: 6.798 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.362 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

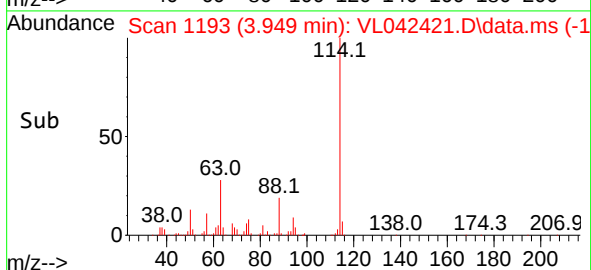
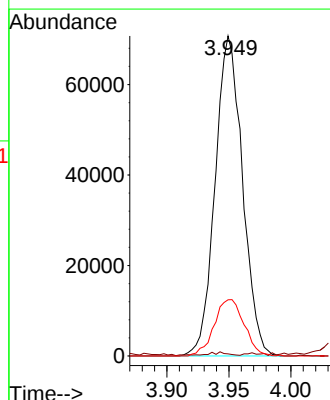
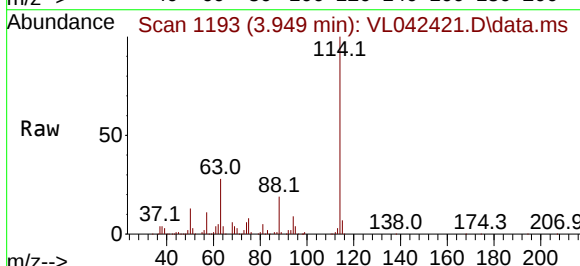
Tgt Ion: 63 Resp: 108761

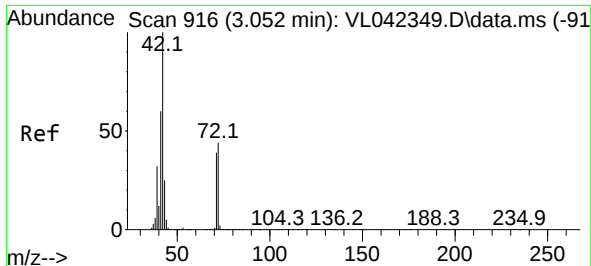
Ion Ratio Lower Upper

63 100

41 0.1 64.2 96.2#

62 17.6 54.3 81.5#

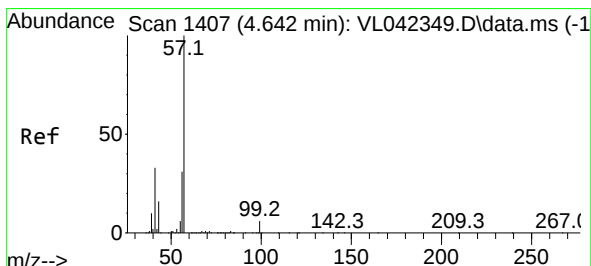
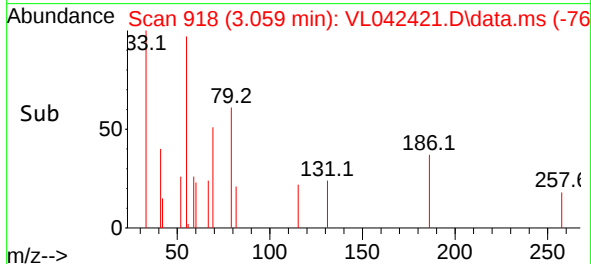
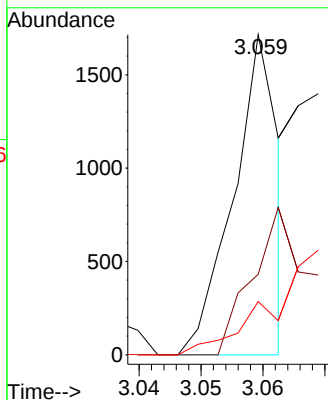
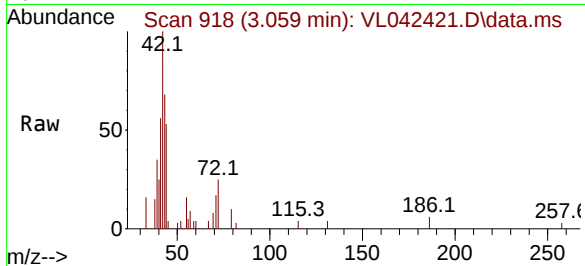




#41
Tetrahydrofuran
Concen: 0.047 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

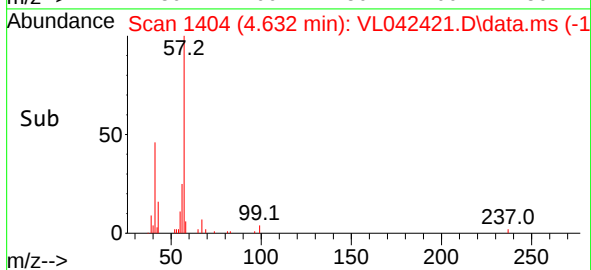
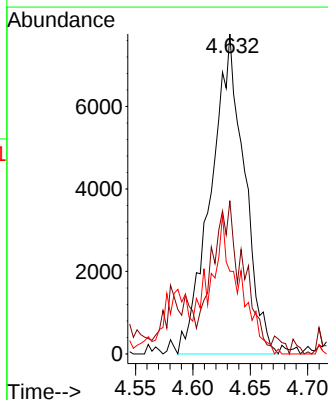
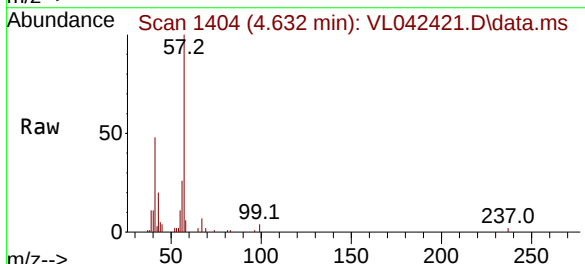
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

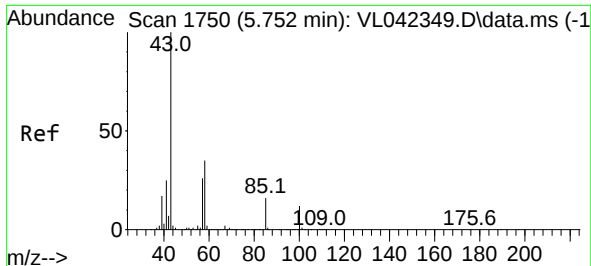
Tgt Ion: 42 Resp: 870
Ion Ratio Lower Upper
42 100
72 56.9 32.3 48.5#
71 0.0 31.4 47.2#



#44
2,2,4-Trimethylpentane
Concen: 0.212 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. -0.009 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 57 Resp: 15729
Ion Ratio Lower Upper
57 100
41 52.6 27.2 40.8#
56 53.5 25.7 38.5#





#50

4-Methyl-2-Pentanone

Concen: 1.046 ppbv

RT: 5.749 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

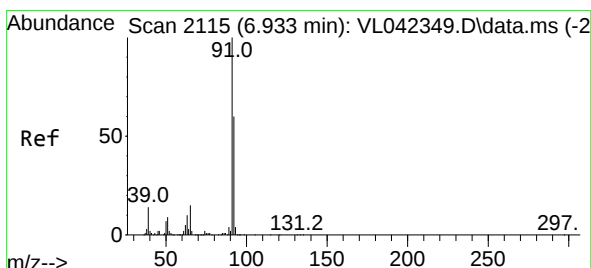
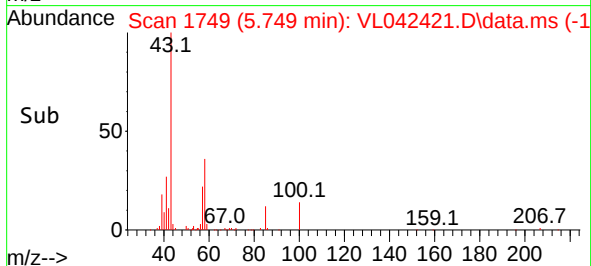
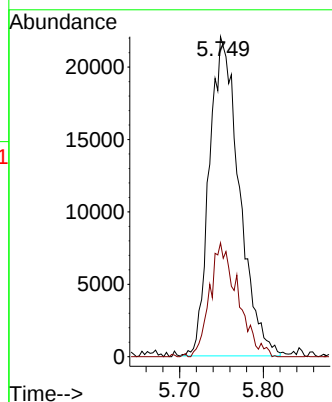
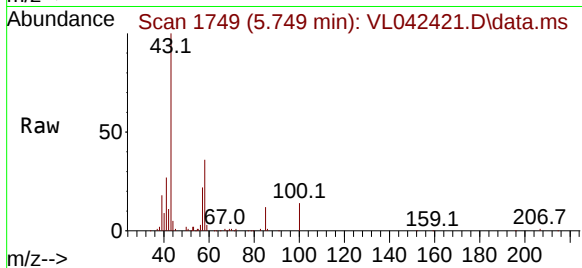
IA-B2-6-3242025

Tgt Ion: 43 Resp: 54716

Ion Ratio Lower Upper

43 100

58 33.7 28.6 43.0



#53

Toluene

Concen: 1.393 ppbv

RT: 6.921 min Scan# 2111

Delta R.T. -0.013 min

Lab File: VL042421.D

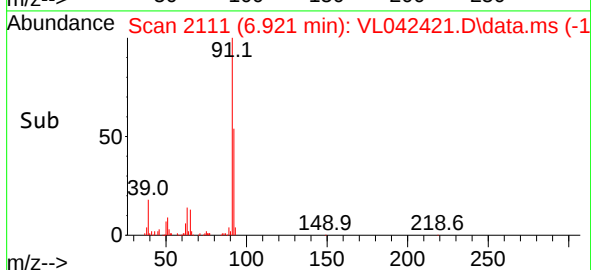
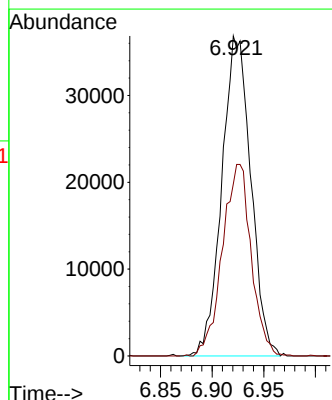
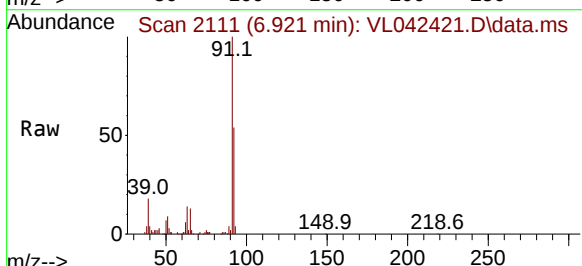
Acq: 28 Apr 2025 12:17

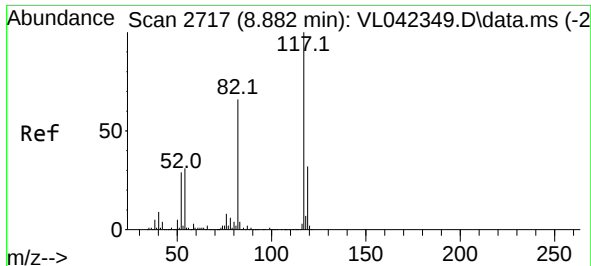
Tgt Ion: 91 Resp: 71766

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.4

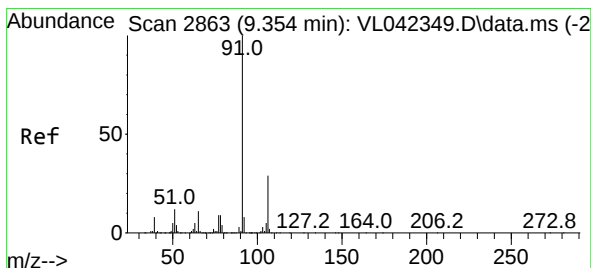
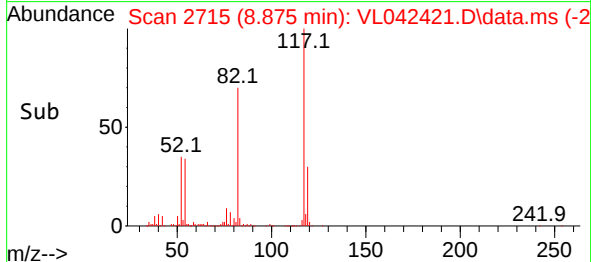
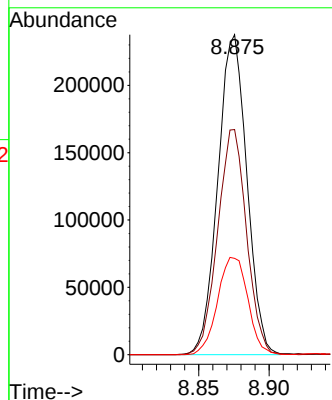
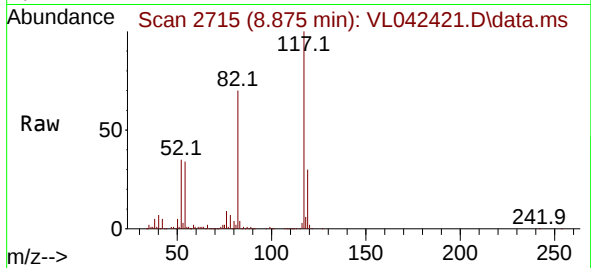




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

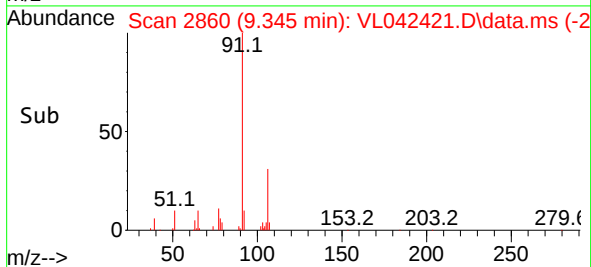
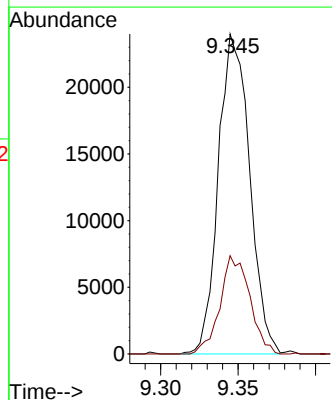
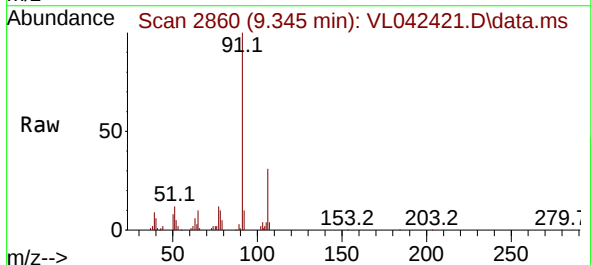
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

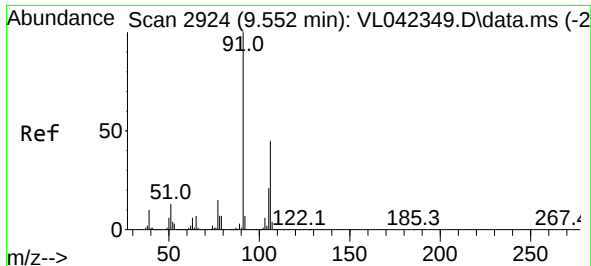
Tgt Ion:117 Resp: 341014
Ion Ratio Lower Upper
117 100
82 70.2 57.8 86.6
119 31.8 25.2 37.8



#58
Ethyl Benzene
Concen: 0.498 ppbv
RT: 9.345 min Scan# 2860
Delta R.T. -0.009 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 91 Resp: 33666
Ion Ratio Lower Upper
91 100
106 30.7 23.0 34.4





#59

m/p-Xylene

Concen: 0.075 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.000 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

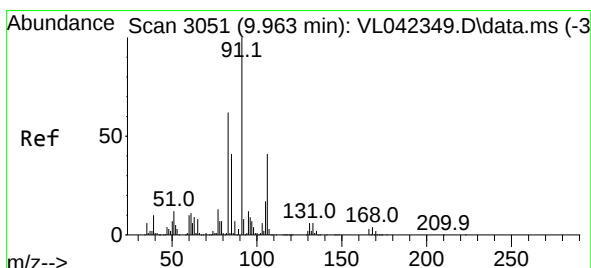
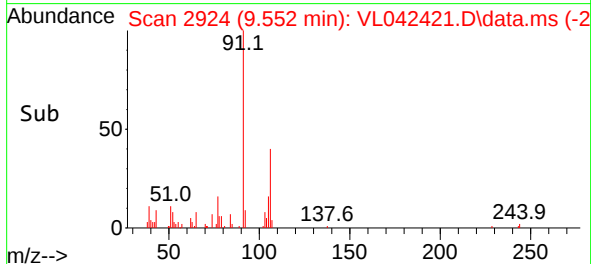
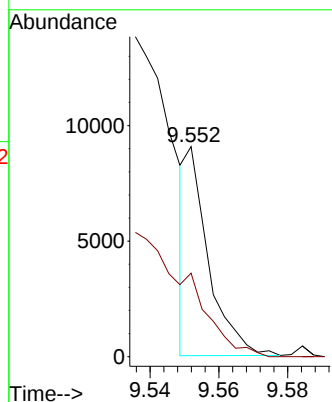
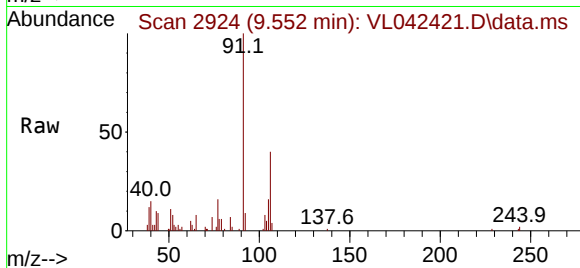
IA-B2-6-3242025

Tgt Ion: 91 Resp: 4106

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.336 ppbv

RT: 9.957 min Scan# 3049

Delta R.T. -0.006 min

Lab File: VL042421.D

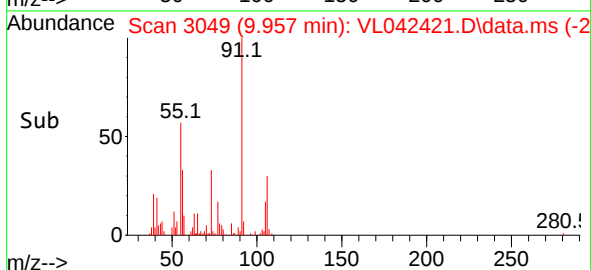
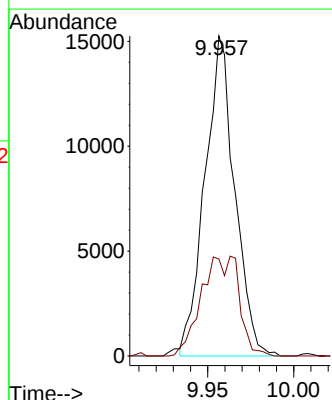
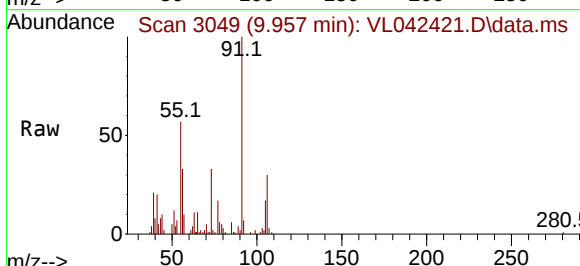
Acq: 28 Apr 2025 12:17

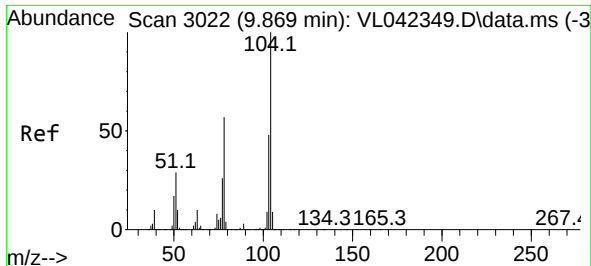
Tgt Ion: 91 Resp: 18390

Ion Ratio Lower Upper

91 100

106 40.3 21.1 63.4

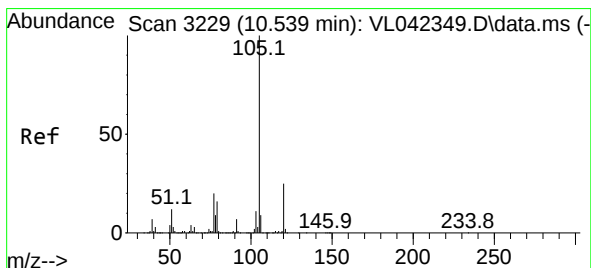
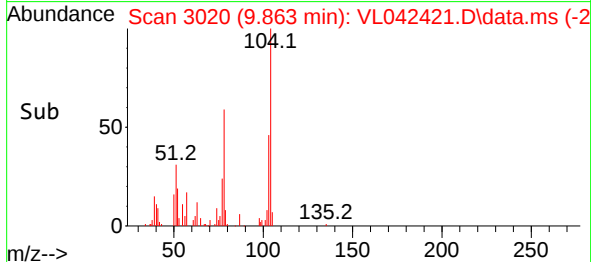
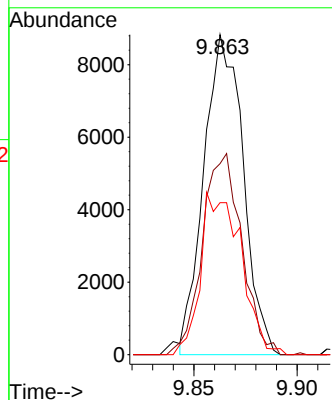
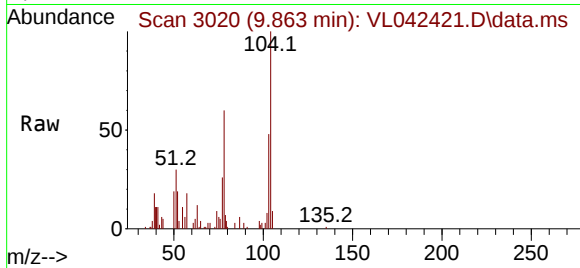




#61
Styrene
Concen: 0.446 ppbv
RT: 9.863 min Scan# 3020
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

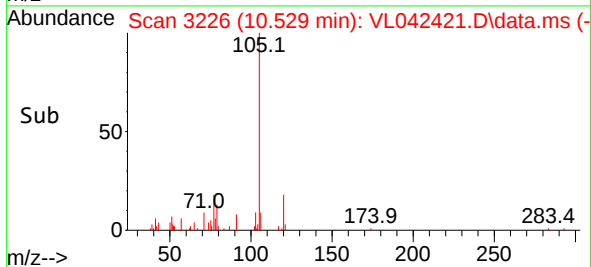
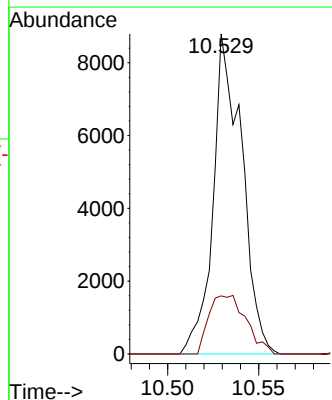
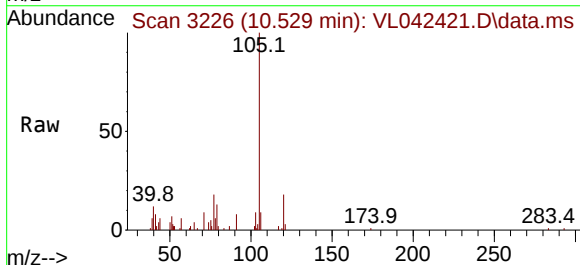
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

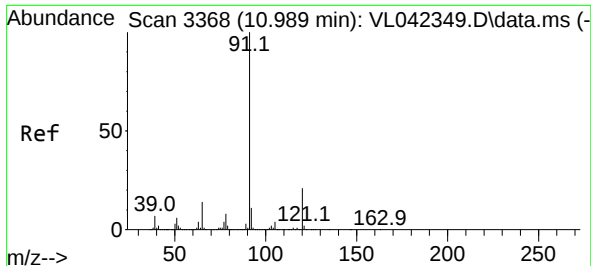
Tgt Ion:	104	Resp:	11677
Ion	Ratio	Lower	Upper
104	100		
78	62.9	44.6	66.8
103	52.1	37.4	56.0



#62
Isopropylbenzene
Concen: 0.120 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.009 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion:	105	Resp:	9651
Ion	Ratio	Lower	Upper
105	100		
120	23.7	19.8	29.8

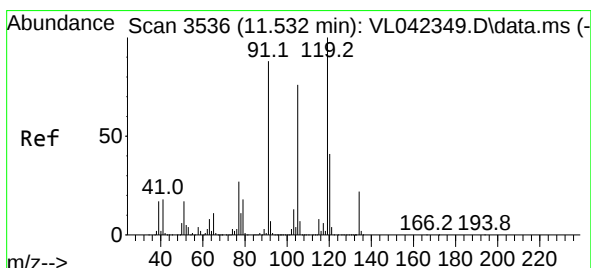
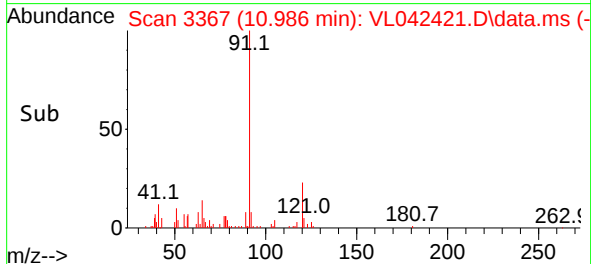
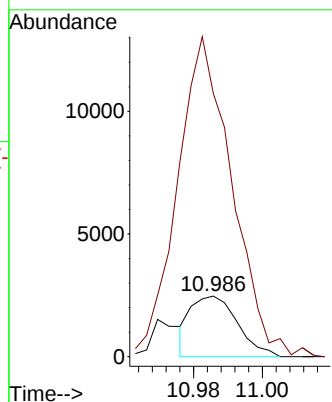
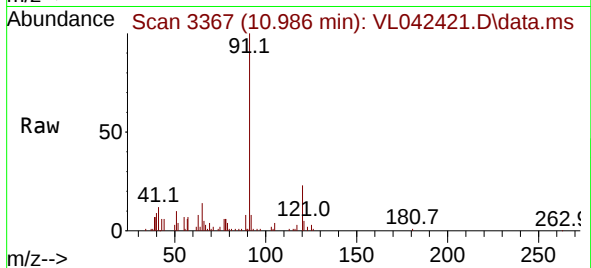




#64
n-propylbenzene
Concen: 0.115 ppbv
RT: 10.986 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

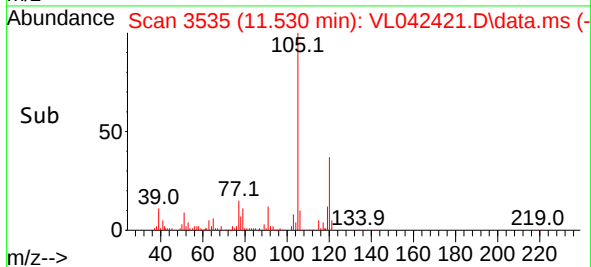
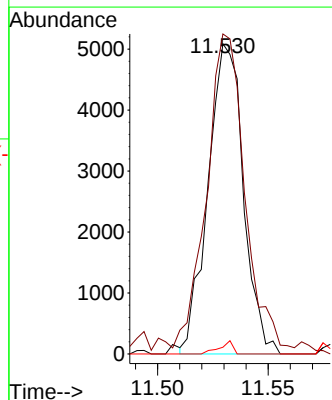
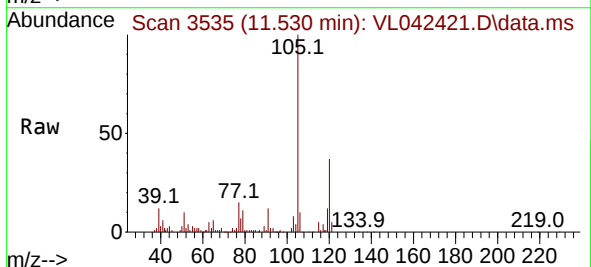
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

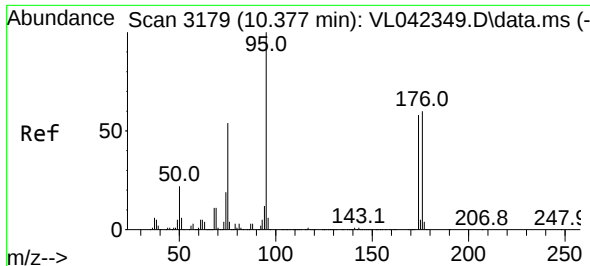
Tgt Ion:120 Resp: 2331
Ion Ratio Lower Upper
120 100
91 623.9 392.4 588.6#



#65
tert-Butylbenzene
Concen: 0.076 ppbv
RT: 11.530 min Scan# 3535
Delta R.T. -0.003 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion:119 Resp: 5655
Ion Ratio Lower Upper
119 100
91 119.4 74.6 111.8#
134 1.6 18.8 28.2#

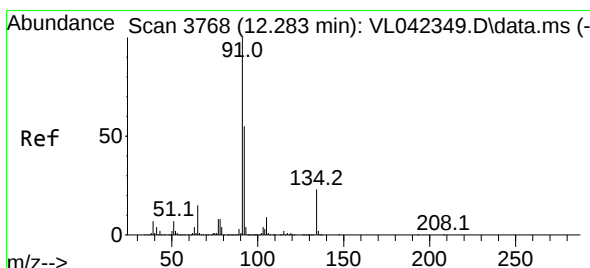
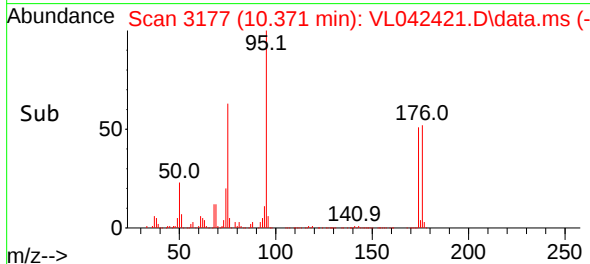
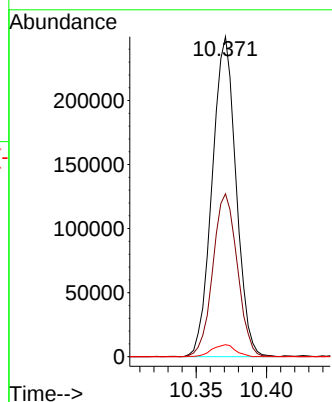
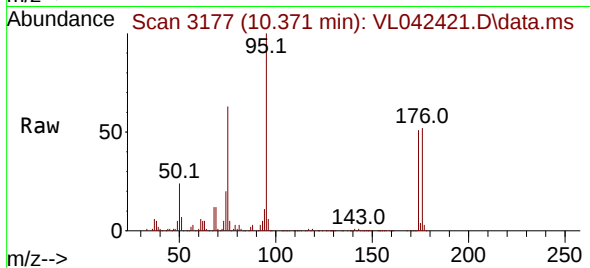




#68
1-Bromo-4-Fluorobenzene
Concen: 10.536 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

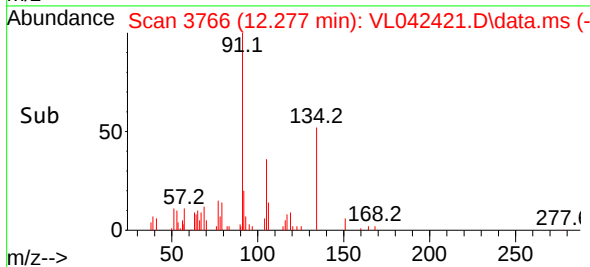
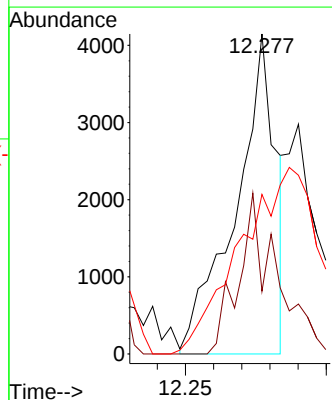
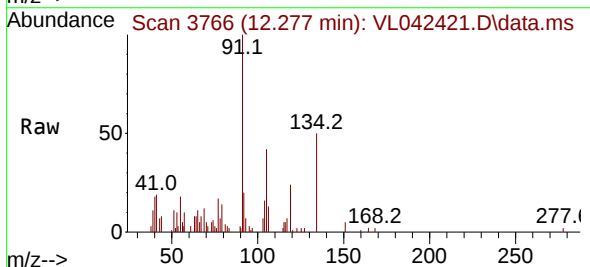
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

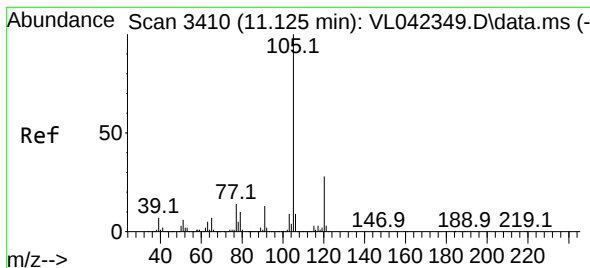
Tgt Ion: 95 Resp: 295244
Ion Ratio Lower Upper
95 100
174 52.1 48.5 72.7
175 3.7 3.7 5.5



#70
n-Butylbenzene
Concen: 0.044 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion: 91 Resp: 4101
Ion Ratio Lower Upper
91 100
92 47.7 44.2 66.4
134 0.0 18.2 27.4#

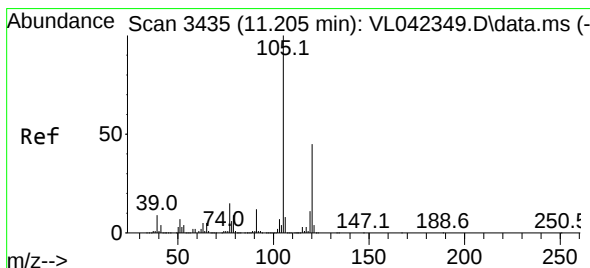
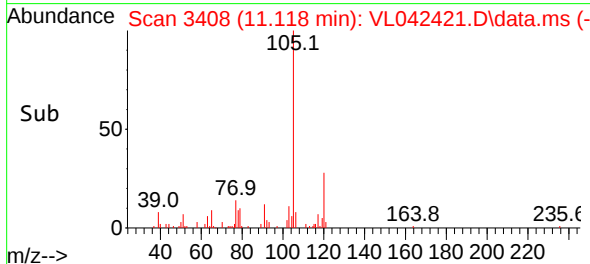
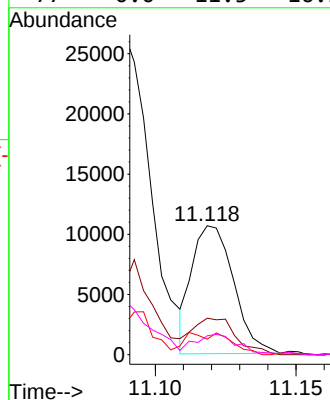
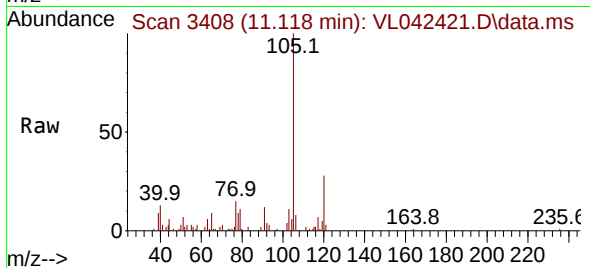




#72
4-Ethyltoluene
Concen: 0.163 ppbv
RT: 11.118 min Scan# 3410
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

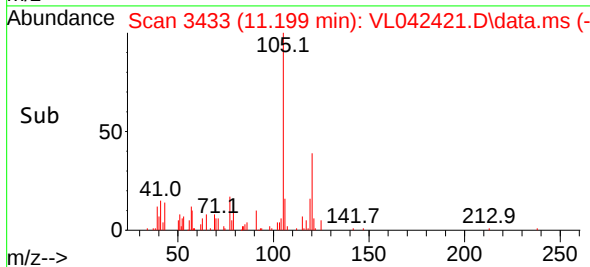
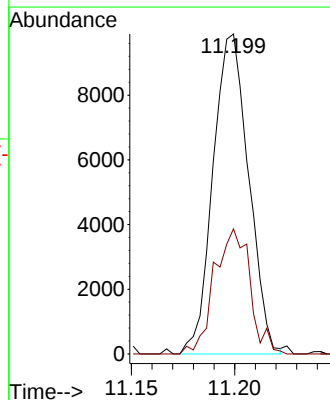
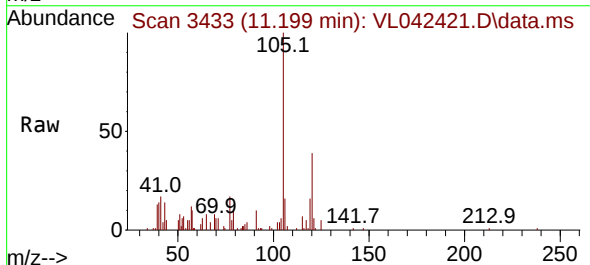
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-3242025

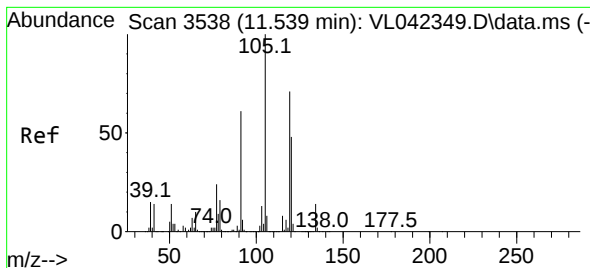
Tgt Ion:105 Resp: 10909
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 10.4 15.6#
77 0.0 11.3 16.9#



#73
1,3,5-Trimethylbenzene
Concen: 0.200 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.006 min
Lab File: VL042421.D
Acq: 28 Apr 2025 12:17

Tgt Ion:105 Resp: 11852
Ion Ratio Lower Upper
105 100
120 39.1 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 0.657 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. -0.006 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-6-3242025

Tgt Ion:105 Resp: 45414

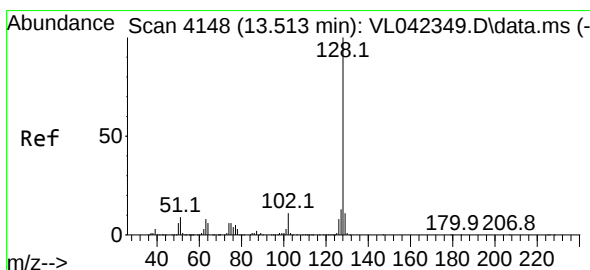
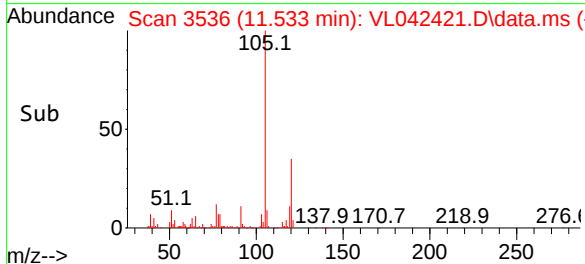
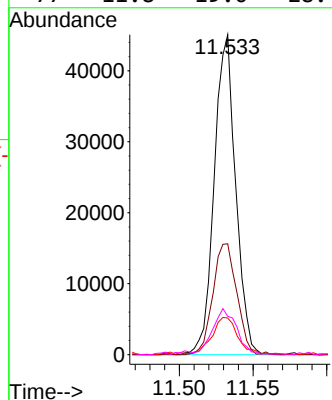
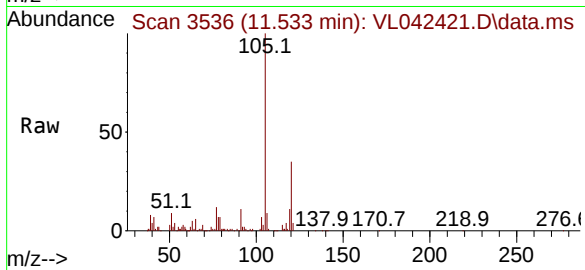
Ion Ratio Lower Upper

105 100

120 34.6 38.1 57.1#

91 11.1 48.8 73.2#

77 11.8 19.0 28.4#



#79

Naphthalene

Concen: 0.078 ppbv

RT: 13.514 min Scan# 4148

Delta R.T. 0.000 min

Lab File: VL042421.D

Acq: 28 Apr 2025 12:17

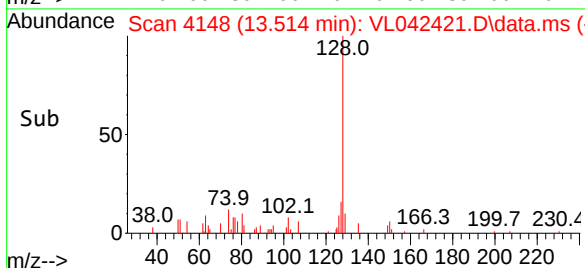
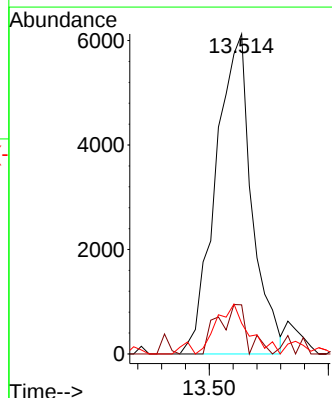
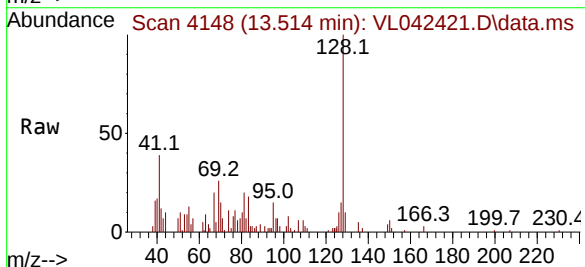
Tgt Ion:128 Resp: 6445

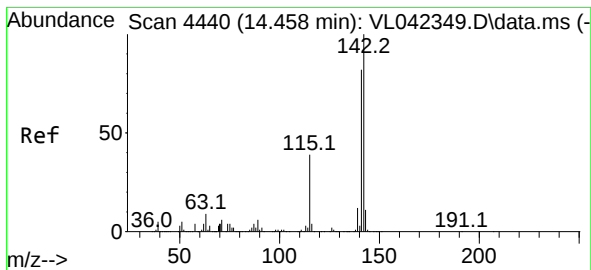
Ion Ratio Lower Upper

128 100

127 15.3 10.6 15.8

129 9.6 8.6 12.8





#80

Naphthalene, 2-methyl-

Concen: 0.051 ppbv

RT: 14.452 min Scan# 44

Delta R.T. -0.006 min

Lab File: VL042421.D

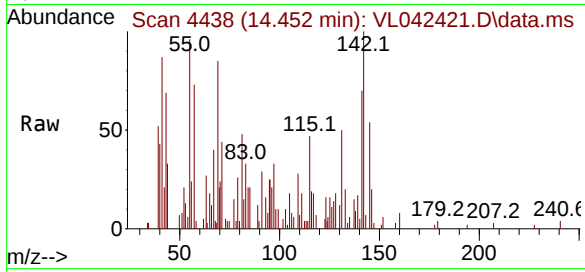
Acq: 28 Apr 2025 12:17

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion:142 Resp: 2419

Ion Ratio Lower Upper

142 100

141 91.8 66.8 100.2

115 98.7 33.4 50.2#

