

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042425.D
 Acq On : 28 Apr 2025 14:34
 Operator : SY/MD
 Sample : Q1665-22
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-4-3242025

Quant Time: Apr 29 01:37:52 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	2.784	49	133015	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	381932	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	330693	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	282648	10.401	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%

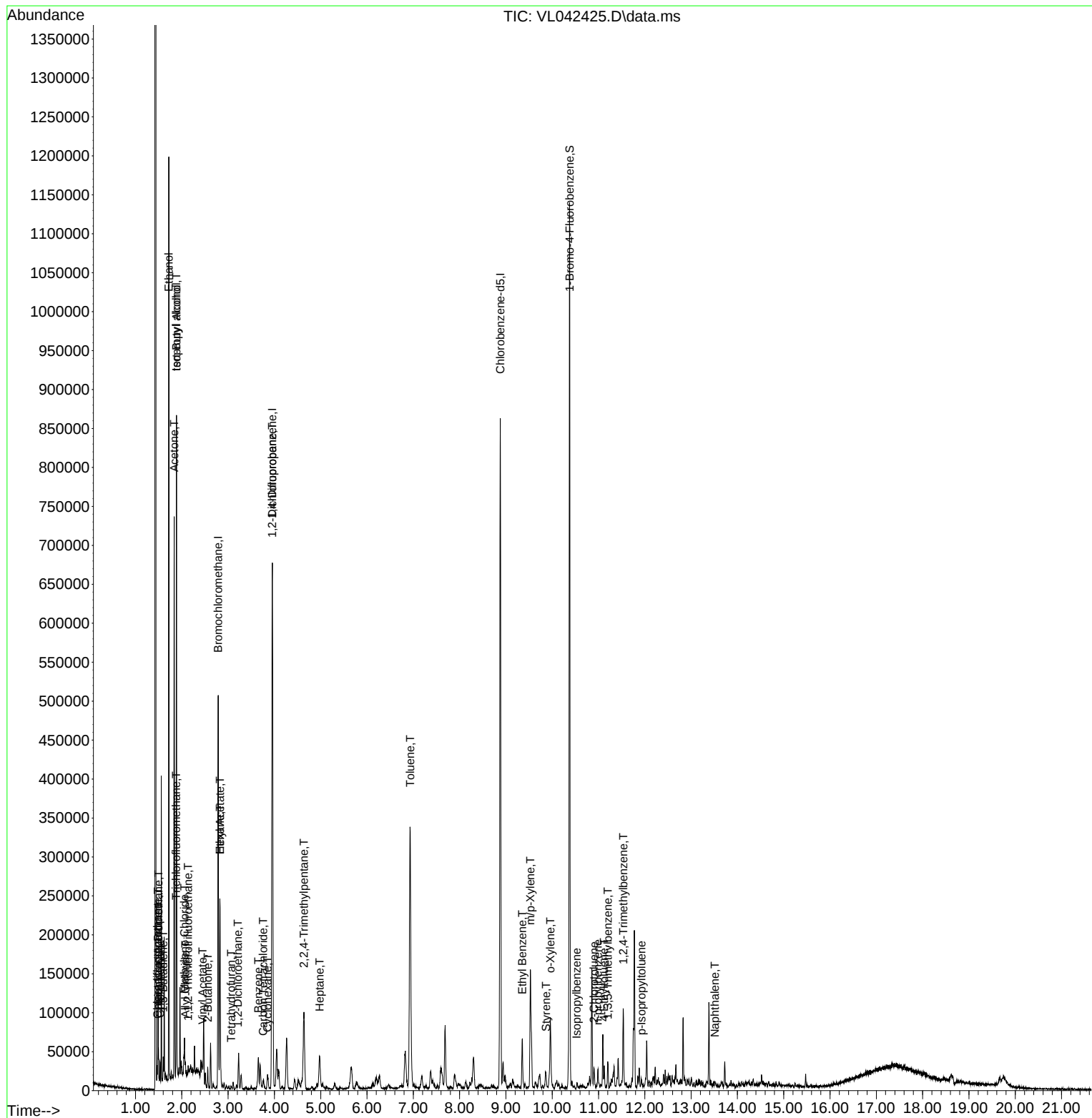
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11713	0.498	ppbv #	86
3) Chlorodifluoromethane	1.476	51	13184	0.589	ppbv #	84
4) Chloromethane	1.531	50	5550	0.597	ppbv	99
9) Propene	1.486	41	12230	1.200	ppbv	85
10) Heptane	4.975	43	11187	0.391	ppbv #	61
11) Trichlorofluoromethane	1.877	101	5207	0.233	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	1409	0.077	ppbv	95
13) Ethanol	1.719	45	406613	251.014	ppbv	76
15) Acetone	1.835	43	324431	14.899	ppbv	94
16) 1,3-Butadiene	1.599	39	4434	0.426	ppbv #	59
17) tert-Butyl alcohol	1.884	59	13126	0.486	ppbv	99
19) Isopropyl Alcohol	1.884	45	341849	28.261	ppbv #	34
20) Methylene Chloride	2.059	84	5072	0.595	ppbv	87
21) Allyl Chloride	2.078	41	1511	0.101	ppbv #	50
23) Vinyl Acetate	2.450	43	2880	0.327	ppbv #	87
25) Ethyl Acetate	2.823	43	44445	0.828	ppbv #	86
26) Hexane	2.823	57	57941	2.667	ppbv #	36
30) Cyclohexane	3.849	84	2059	0.117	ppbv #	1
34) 2-Butanone	2.560	43	15646	0.518	ppbv	97
35) Carbon Tetrachloride	3.758	117	1464	0.042	ppbv #	81
36) Benzene	3.654	78	23147	0.562	ppbv	95
37) 1,2-Dichloroethane	3.214	62	1080	0.044	ppbv #	81
39) 1,2-Dichloropropane	3.952	63	107133	6.979	ppbv #	22
41) Tetrahydrofuran	3.065	42	602	0.034	ppbv	89
44) 2,2,4-Trimethylpentane	4.638	57	84397	1.186	ppbv #	91
53) Toluene	6.933	91	232100	4.695	ppbv	99
58) Ethyl Benzene	9.354	91	33267	0.508	ppbv	98
59) m/p-Xylene	9.529	91	92347	1.750	ppbv	100
60) o-Xylene	9.959	91	36544	0.688	ppbv	97
61) Styrene	9.869	104	3587	0.141	ppbv	91
62) Isopropylbenzene	10.529	105	3313	0.042	ppbv	94
64) n-propylbenzene	10.985	120	2357	0.120	ppbv	86
69) p-Isopropyltoluene	11.927	119	3573	0.041	ppbv	92
71) 2-Chlorotoluene	10.901	91	4240	0.069	ppbv	91
72) 4-Ethyltoluene	11.118	105	11801	0.182	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.202	105	10642	0.186	ppbv	88
74) 1,2,4-Trimethylbenzene	11.536	105	34307	0.512	ppbv #	67
79) Naphthalene	13.510	128	2447	0.031	ppbv	98

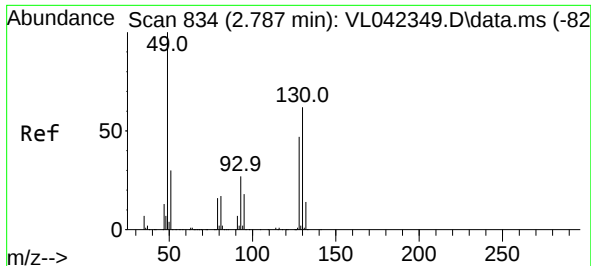
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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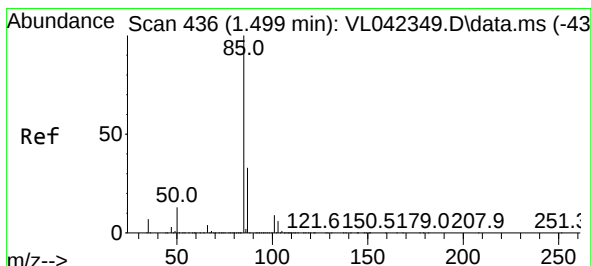
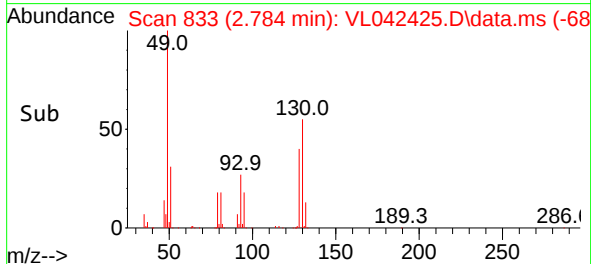
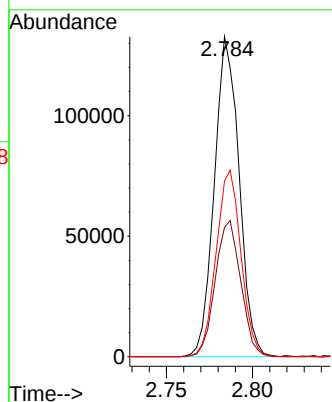
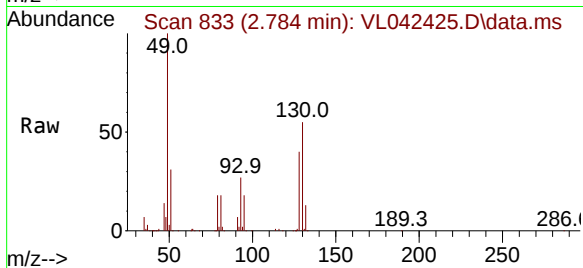




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

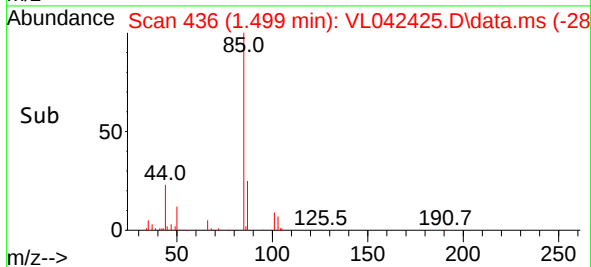
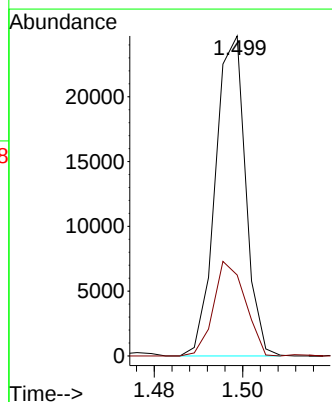
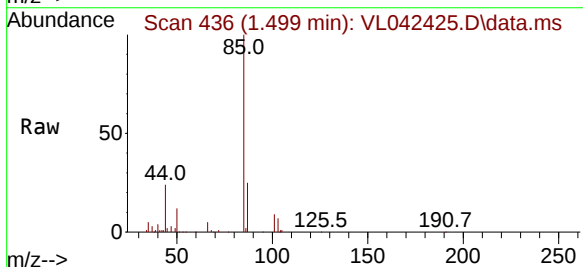
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MSVOA_L
ClientSampleId :
IA-B2-4-3242025

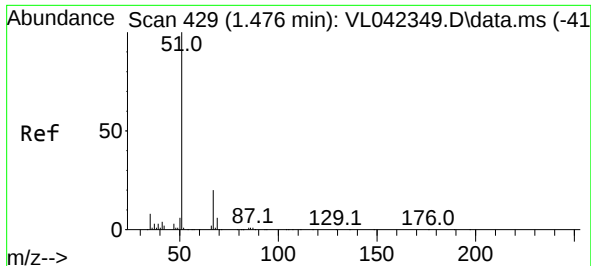
Tgt Ion: 49 Resp: 133015
Ion Ratio Lower Upper
49 100
128 43.7 22.8 68.4
130 58.6 29.3 88.0



#2
Dichlorodifluoromethane
Concen: 0.498 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 85 Resp: 11713
Ion Ratio Lower Upper
85 100
87 25.3 26.6 39.8#

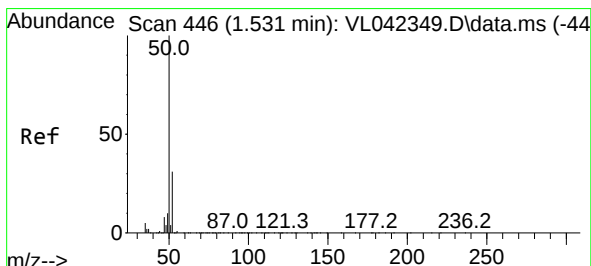
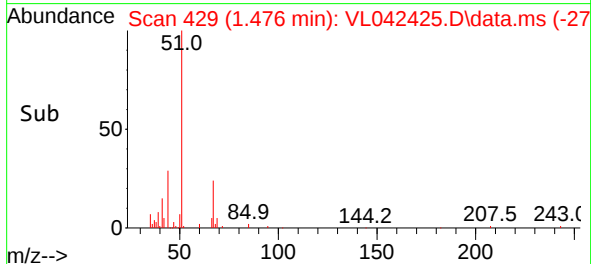
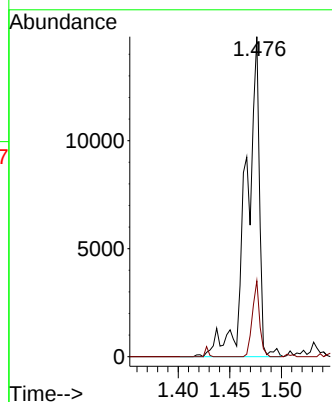
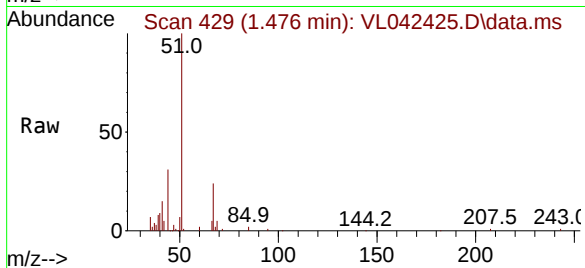




#3
Chlorodifluoromethane
Concen: 0.589 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

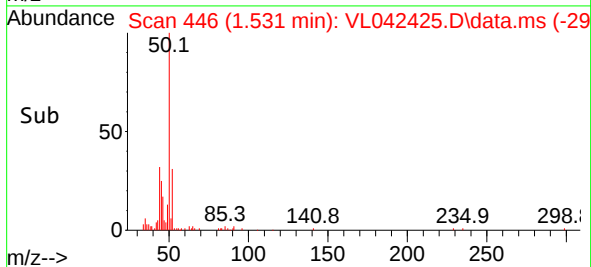
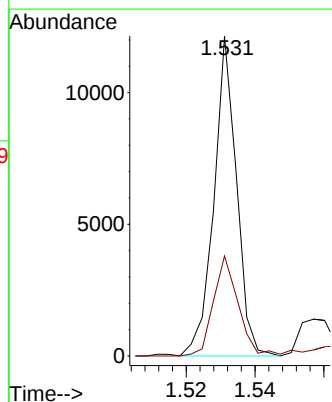
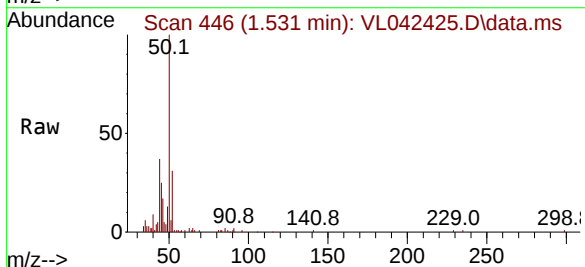
Instrument :
MSVOA_L
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IA-B2-4-3242025

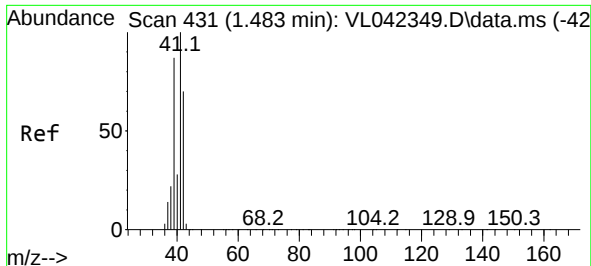
Tgt Ion: 51 Resp: 13184
Ion Ratio Lower Upper
51 100
67 13.1 16.2 24.4#



#4
Chloromethane
Concen: 0.597 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 50 Resp: 5550
Ion Ratio Lower Upper
50 100
52 31.2 24.7 37.1





#9

Propene

Concen: 1.200 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

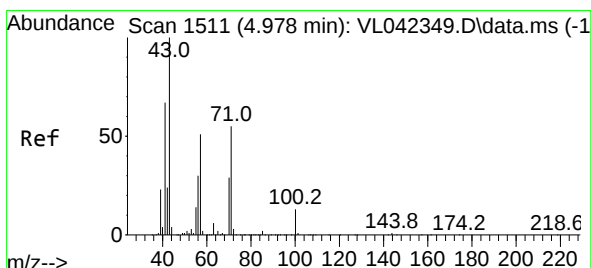
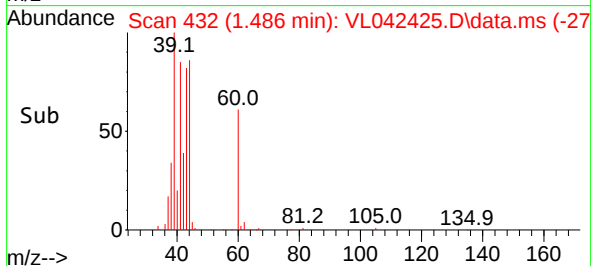
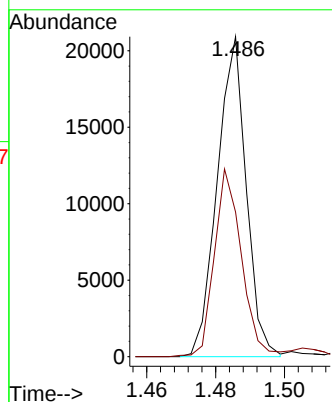
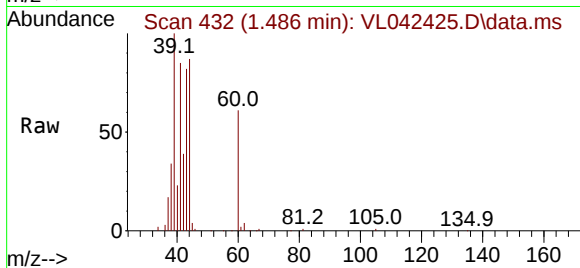
IA-B2-4-3242025

Tgt Ion: 41 Resp: 12230

Ion Ratio Lower Upper

41 100

42 57.6 56.2 84.4



#10

Heptane

Concen: 0.391 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.003 min

Lab File: VL042425.D

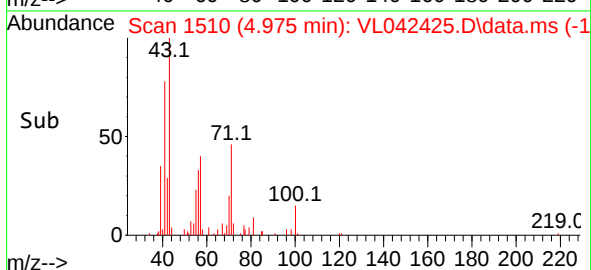
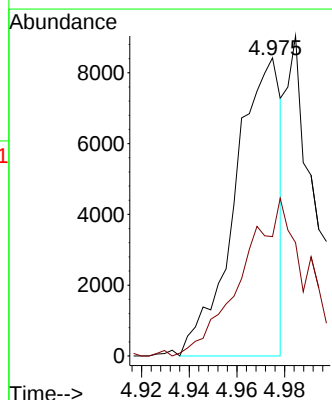
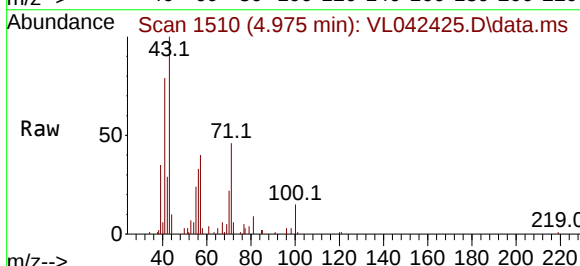
Acq: 28 Apr 2025 14:34

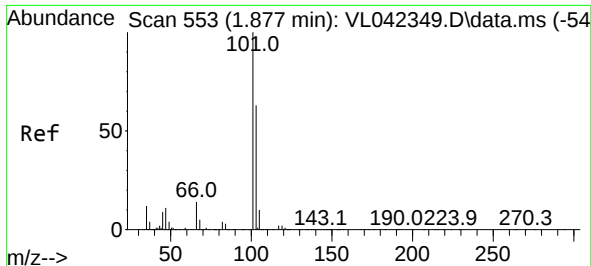
Tgt Ion: 43 Resp: 11187

Ion Ratio Lower Upper

43 100

57 76.6 39.9 59.9#

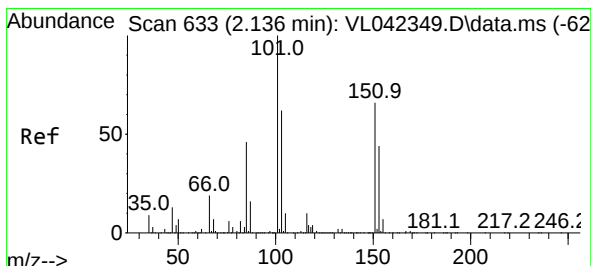
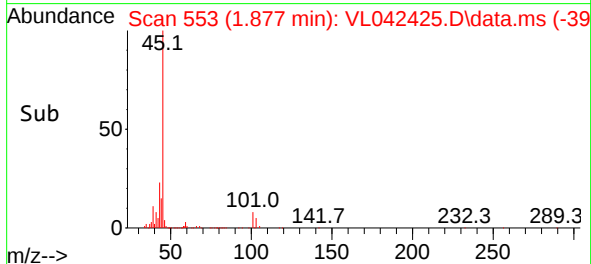
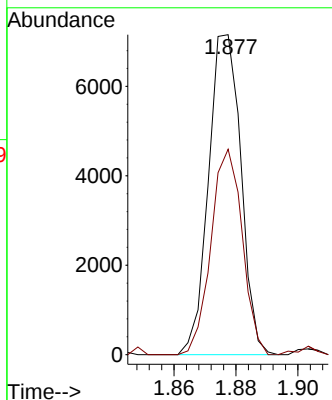
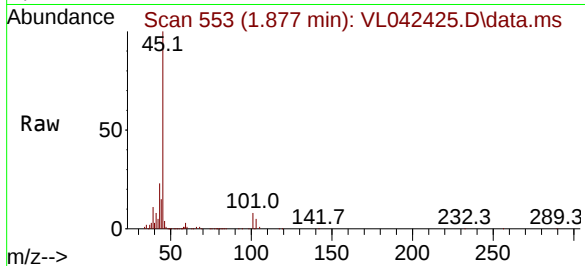




#11
 Trichlorofluoromethane
 Concen: 0.233 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042425.D
 Acq: 28 Apr 2025 14:34

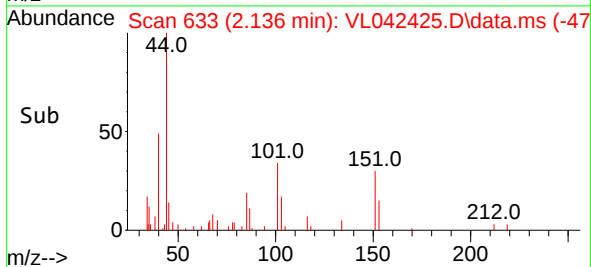
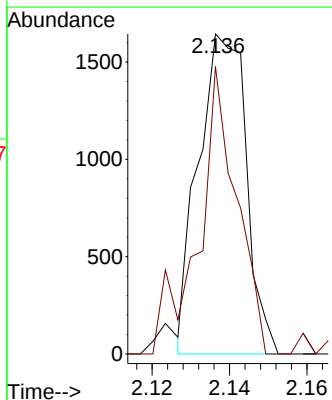
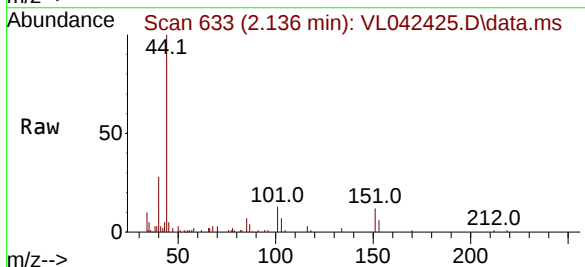
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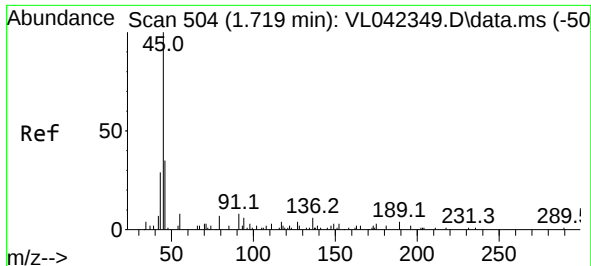
Tgt Ion:101 Resp: 5207
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.077 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042425.D
 Acq: 28 Apr 2025 14:34

Tgt Ion:101 Resp: 1409
 Ion Ratio Lower Upper
 101 100
 151 75.1 57.0 85.6

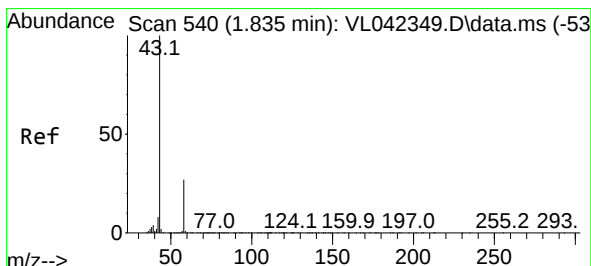
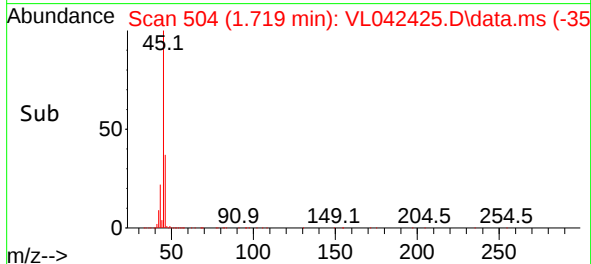
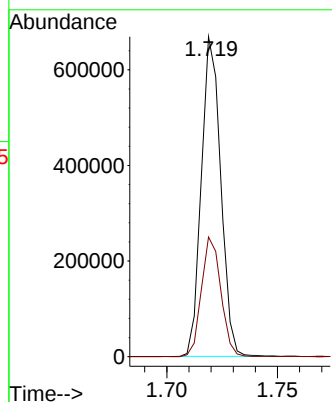
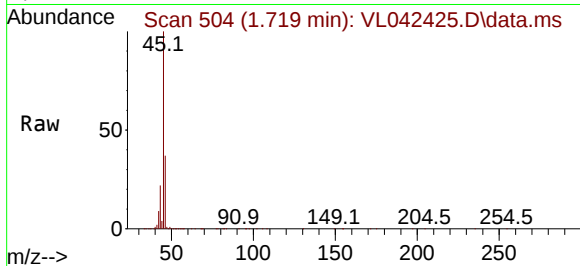




#13
Ethanol
Concen: 251.014 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

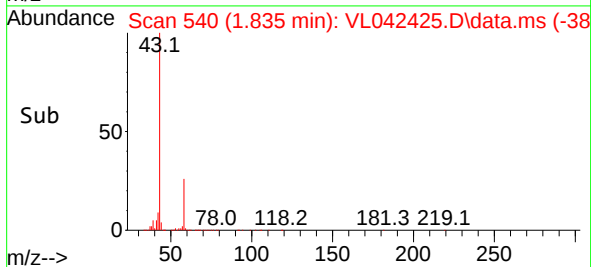
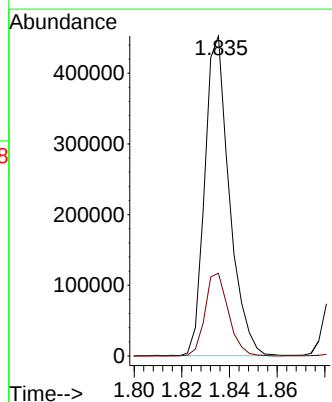
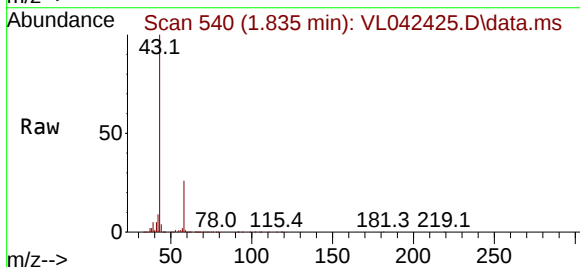
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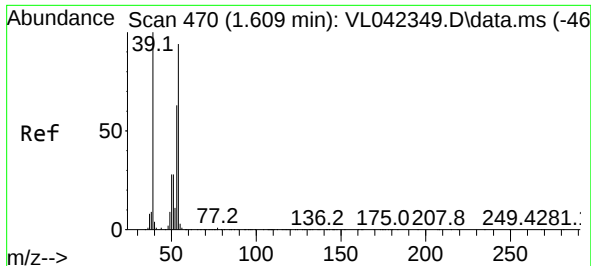
Tgt Ion: 45 Resp: 406613
Ion Ratio Lower Upper
45 100
46 37.8 21.9 87.7



#15
Acetone
Concen: 14.899 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 43 Resp: 324431
Ion Ratio Lower Upper
43 100
58 24.7 22.4 33.6

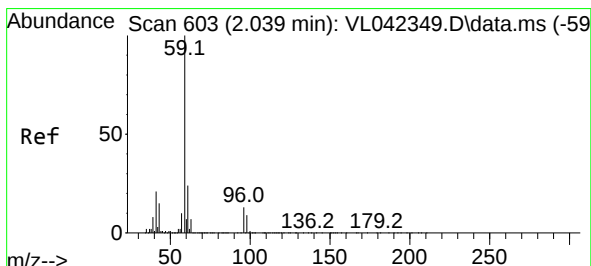
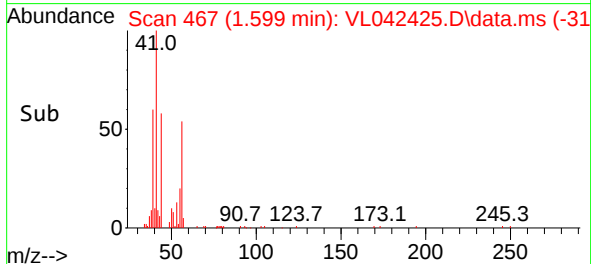
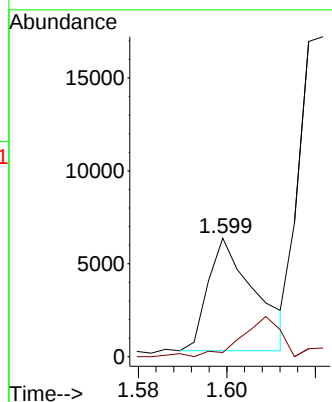
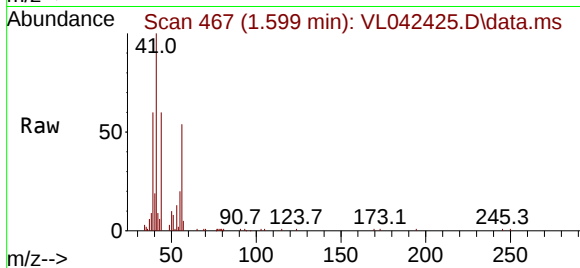




#16
1,3-Butadiene
Concen: 0.426 ppbv
RT: 1.599 min Scan# 410
Delta R.T. -0.010 min
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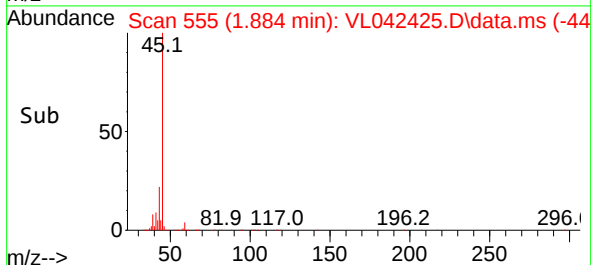
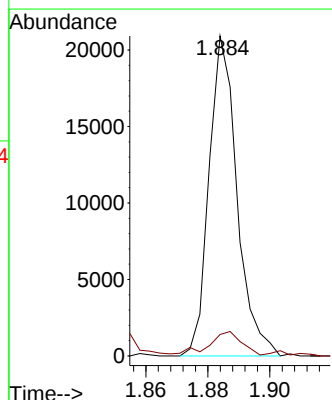
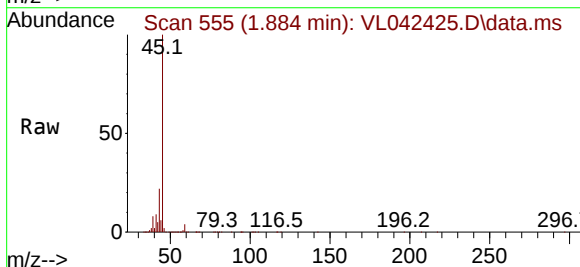
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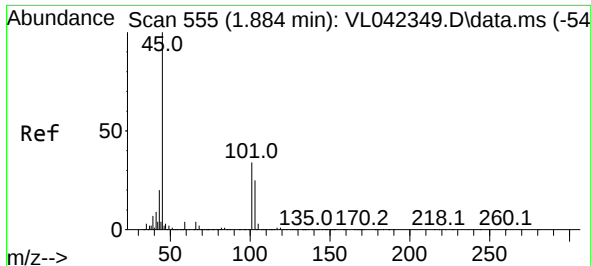
Tgt Ion: 39 Resp: 4434
Ion Ratio Lower Upper
39 100
54 44.7 64.9 97.3#



#17
tert-Butyl alcohol
Concen: 0.486 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.155 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 59 Resp: 13126
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

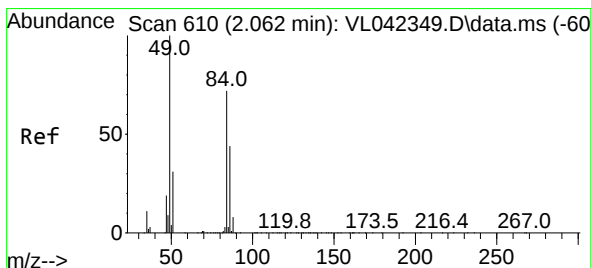
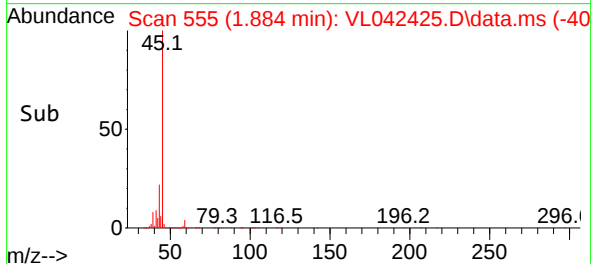
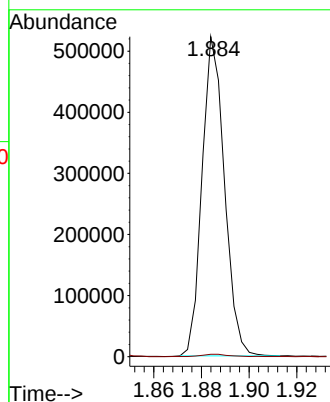
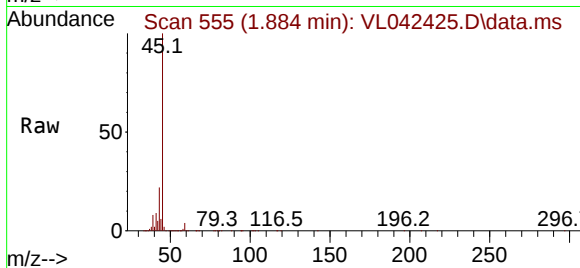




#19
Isopropyl Alcohol
Concen: 28.261 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

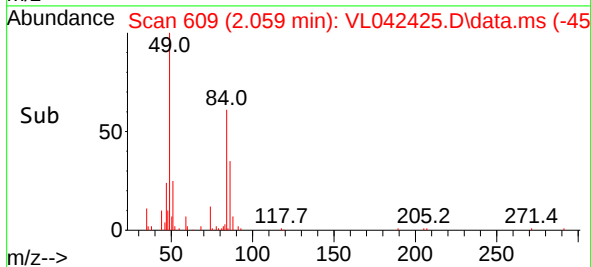
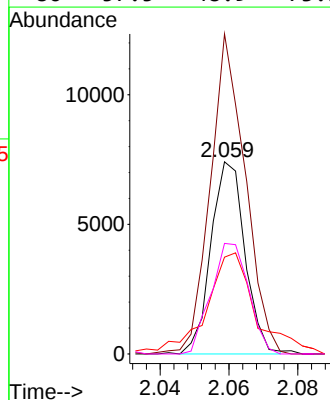
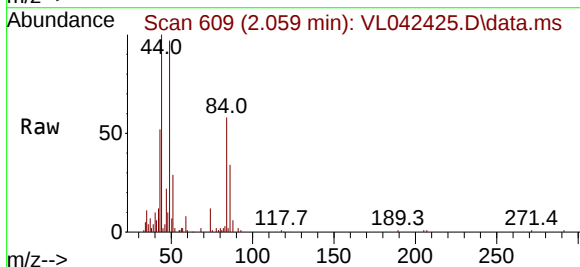
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ClientSampleId :
IA-B2-4-3242025

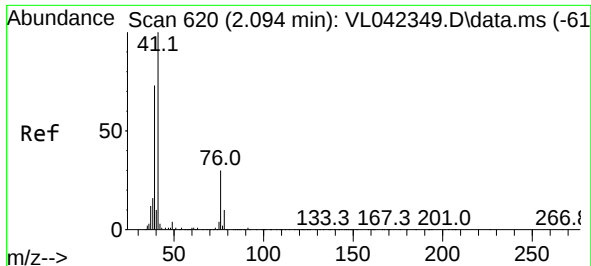
Tgt Ion: 45 Resp: 341849
Ion Ratio Lower Upper
45 100
58 1.1 34.5 51.7#



#20
Methylene Chloride
Concen: 0.595 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 84 Resp: 5072
Ion Ratio Lower Upper
84 100
49 165.2 111.6 167.4
51 44.3 35.1 52.7
86 57.5 48.9 73.3

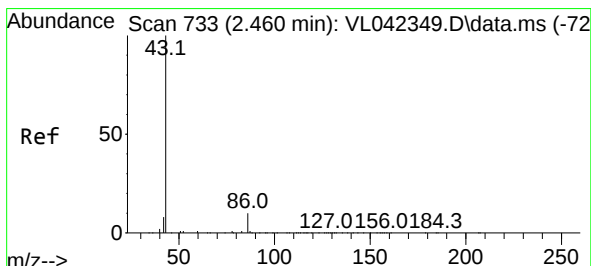
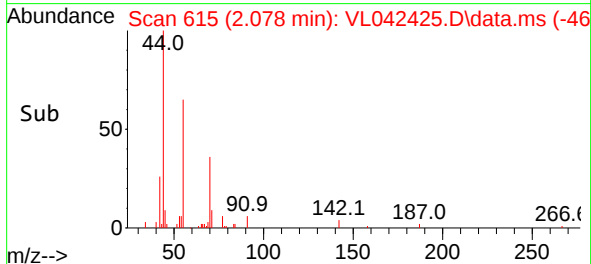
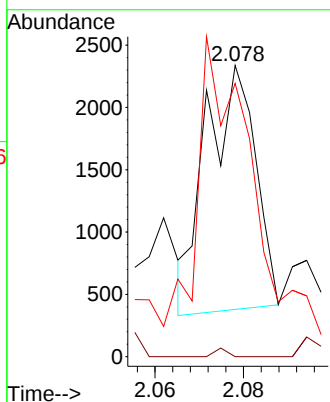
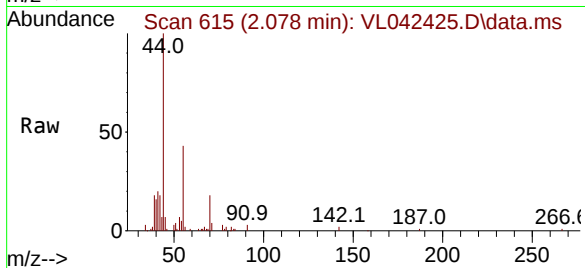




#21
 Allyl Chloride
 Concen: 0.101 ppbv
 RT: 2.078 min Scan# 611
 Delta R.T. -0.016 min
 Lab File: VL042425.D
 Acq: 28 Apr 2025 14:34

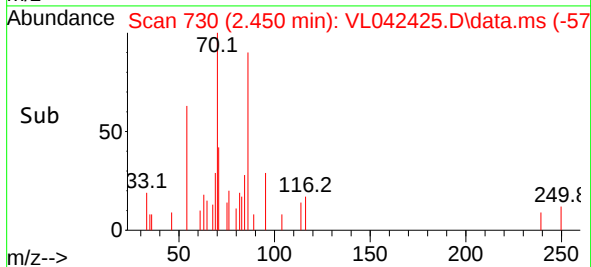
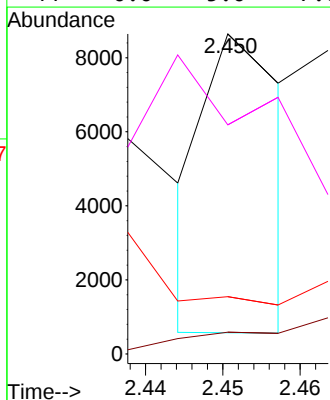
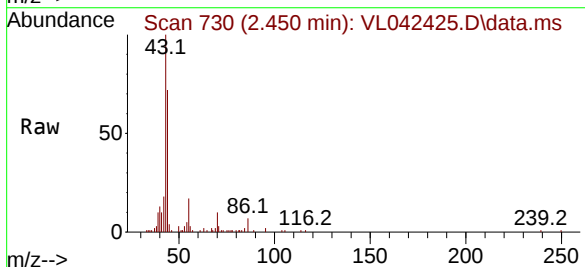
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-4-3242025

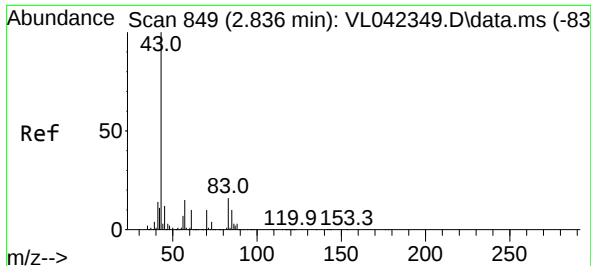
Tgt Ion: 41 Resp: 1511
 Ion Ratio Lower Upper
 41 100
 76 3.8 24.8 37.2#
 39 119.1 60.6 90.8#



#23
 Vinyl Acetate
 Concen: 0.327 ppbv
 RT: 2.450 min Scan# 730
 Delta R.T. -0.010 min
 Lab File: VL042425.D
 Acq: 28 Apr 2025 14:34

Tgt Ion: 43 Resp: 2880
 Ion Ratio Lower Upper
 43 100
 86 4.2 6.5 9.7#
 42 5.6 7.8 11.8#
 44 0.0 5.0 7.6#

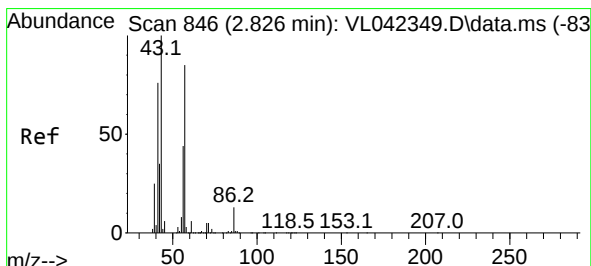
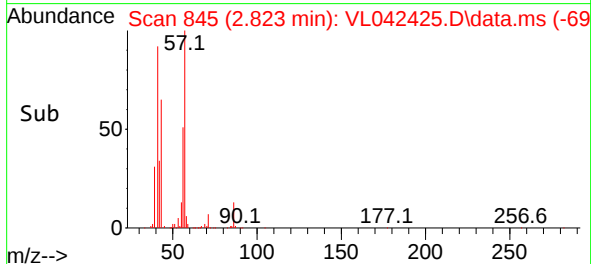
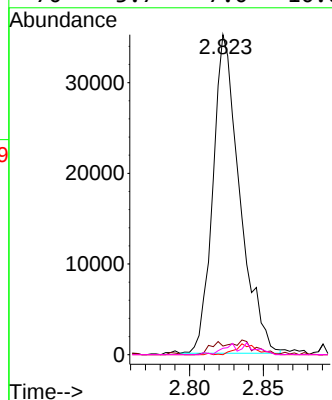
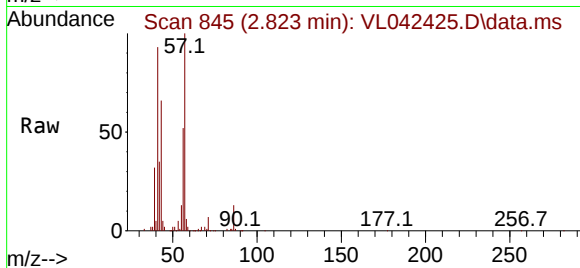




#25
Ethyl Acetate
Concen: 0.828 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

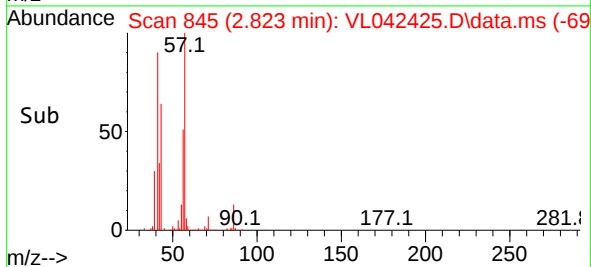
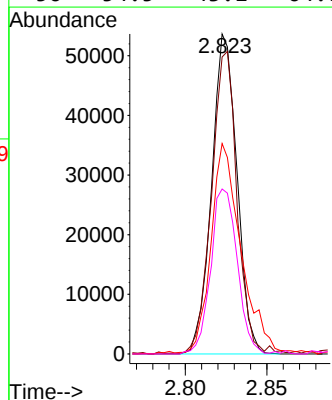
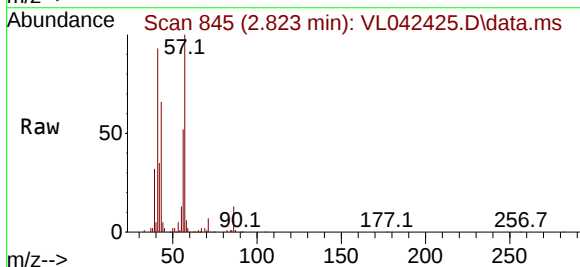
Instrument :
MSVOA_1
ClientSampleId :
IA-B2-4-3242025

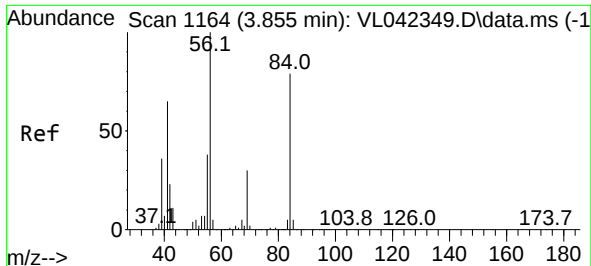
Tgt Ion:	43	Resp:	44445
Ion	Ratio	Lower	Upper
43	100		
45	6.4	8.3	12.5#
61	2.7	7.3	10.9#
70	3.7	7.0	10.6#



#26
Hexane
Concen: 2.667 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion:	57	Resp:	57941
Ion	Ratio	Lower	Upper
57	100		
41	96.5	77.9	116.9
43	79.5	208.4	312.6#
56	54.5	43.1	64.7

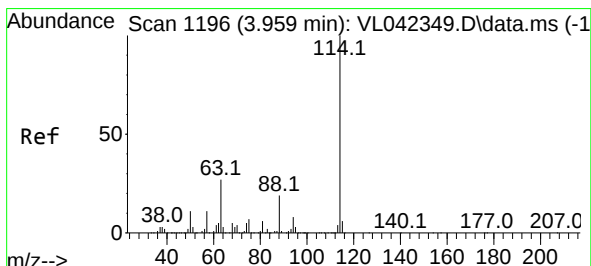
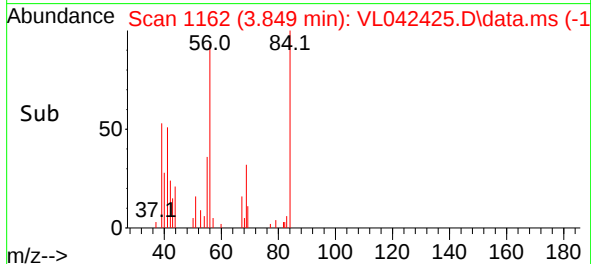
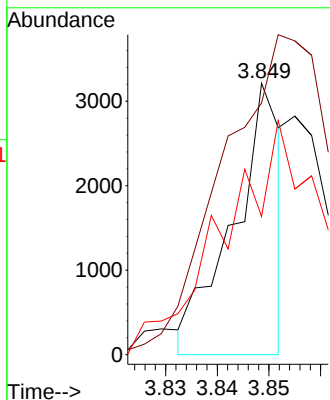
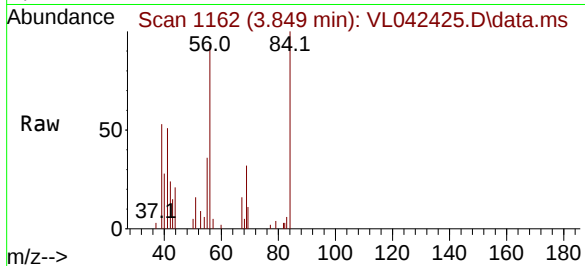




#30
Cyclohexane
Concen: 0.117 ppbv
RT: 3.849 min Scan# 1162
Delta R.T. -0.006 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

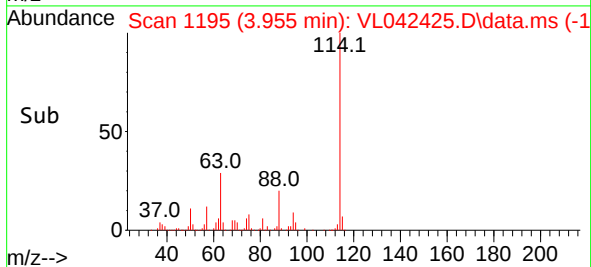
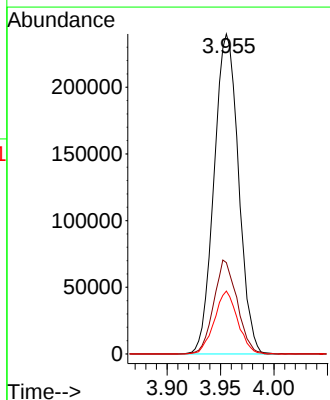
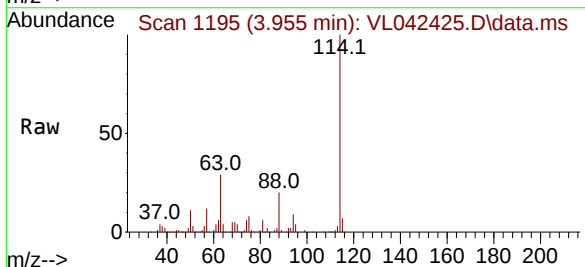
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

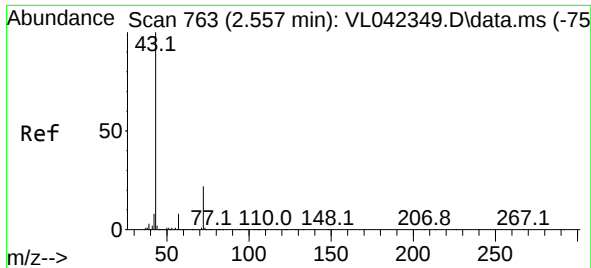
Tgt Ion: 84 Resp: 2059
Ion Ratio Lower Upper
84 100
56 0.0 101.0 151.4#
41 0.0 67.4 101.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 114 Resp: 381932
Ion Ratio Lower Upper
114 100
63 28.1 21.8 32.6
88 18.8 15.5 23.3

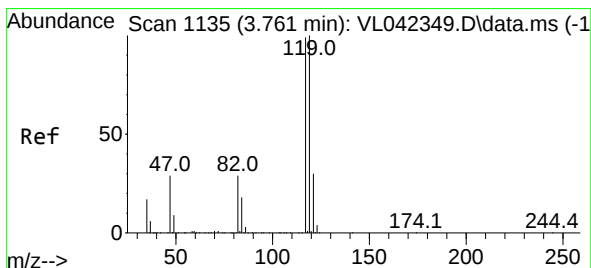
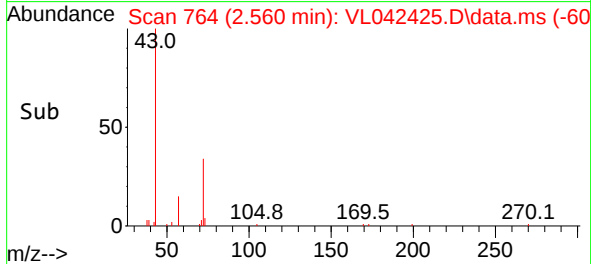
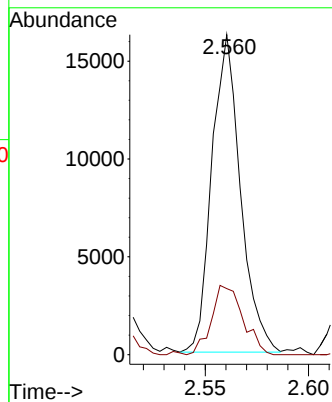
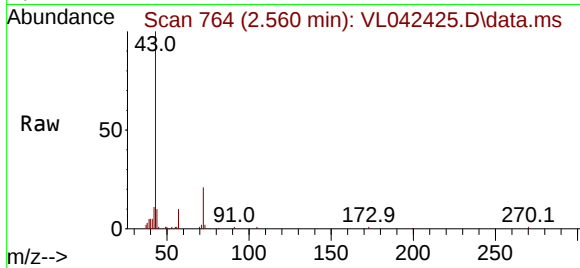




#34
2-Butanone
Concen: 0.518 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

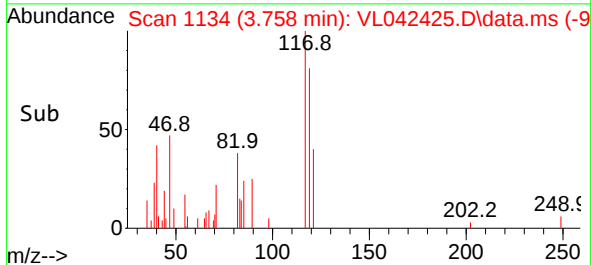
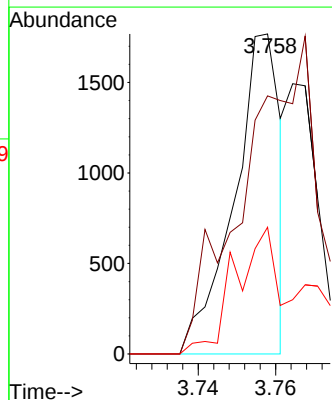
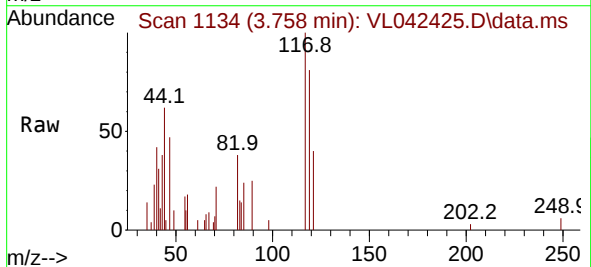
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

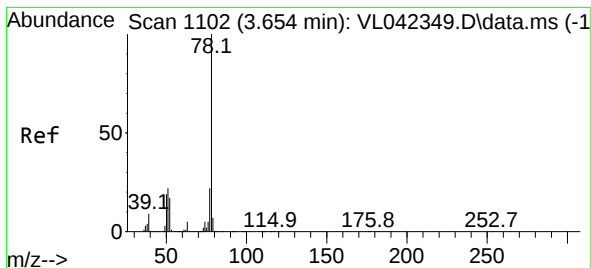
Tgt Ion: 43 Resp: 15646
Ion Ratio Lower Upper
43 100
72 23.9 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.042 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 117 Resp: 1464
Ion Ratio Lower Upper
117 100
119 80.7 80.5 120.7
121 39.6 24.2 36.2#





#36

Benzene

Concen: 0.562 ppbv

RT: 3.654 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-4-3242025

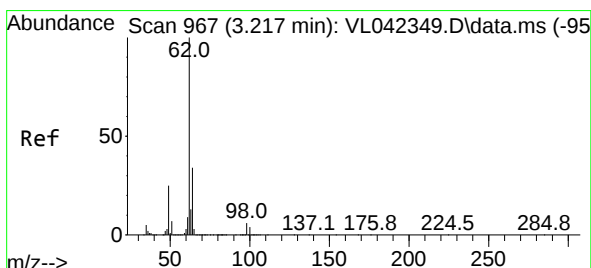
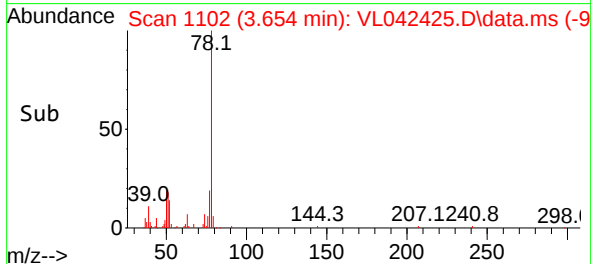
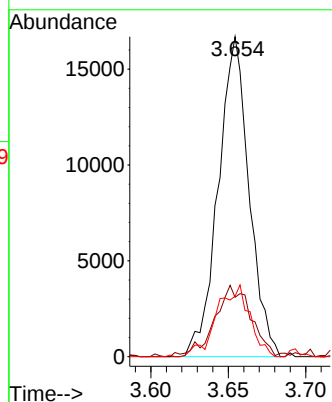
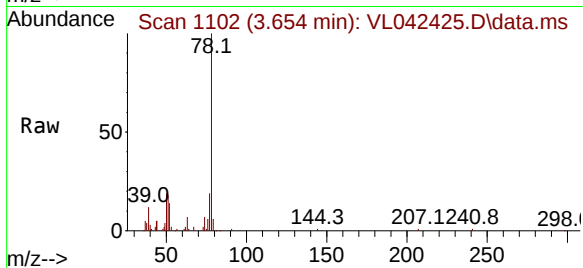
Tgt Ion: 78 Resp: 23147

Ion Ratio Lower Upper

78 100

77 17.7 17.4 26.0

50 18.9 15.5 23.3



#37

1,2-Dichloroethane

Concen: 0.044 ppbv

RT: 3.214 min Scan# 966

Delta R.T. -0.003 min

Lab File: VL042425.D

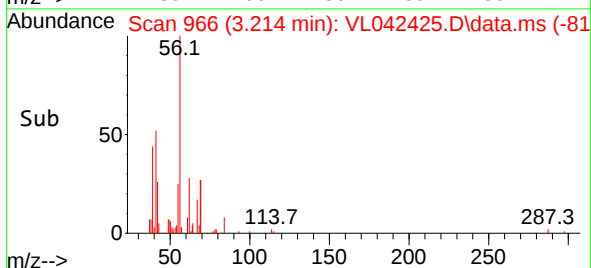
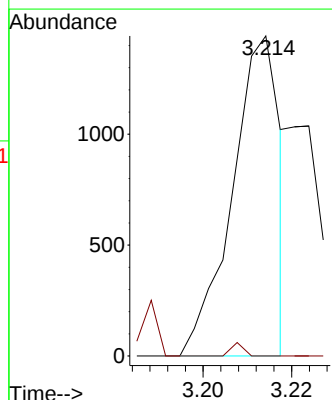
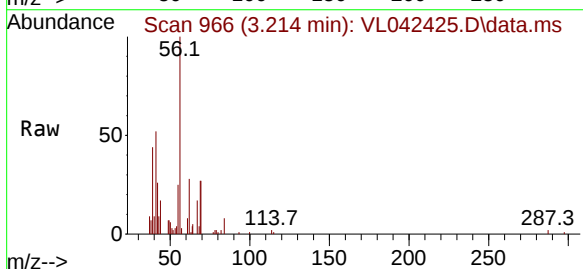
Acq: 28 Apr 2025 14:34

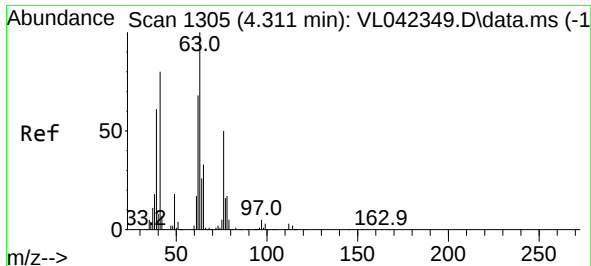
Tgt Ion: 62 Resp: 1080

Ion Ratio Lower Upper

62 100

98 0.0 5.1 7.7#





#39

1,2-Dichloropropane

Concen: 6.979 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.359 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-4-3242025

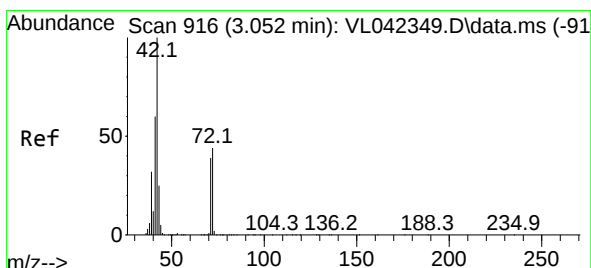
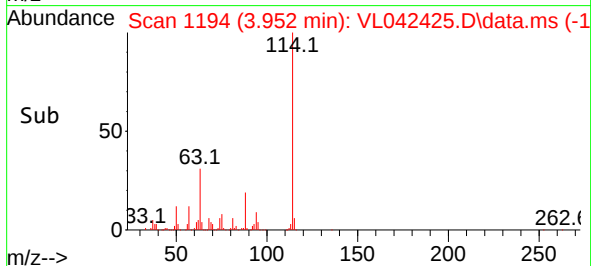
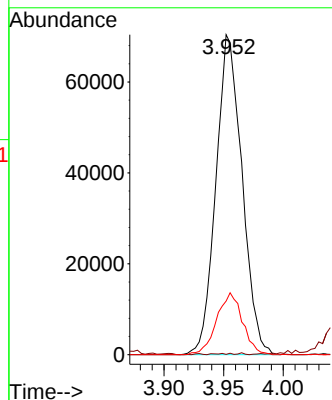
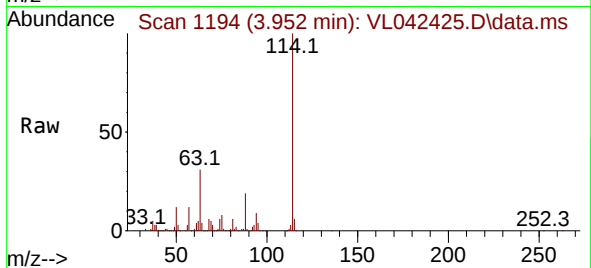
Tgt Ion: 63 Resp: 107133

Ion Ratio Lower Upper

63 100

41 0.1 64.2 96.2#

62 16.8 54.3 81.5#



#41

Tetrahydrofuran

Concen: 0.034 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.013 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

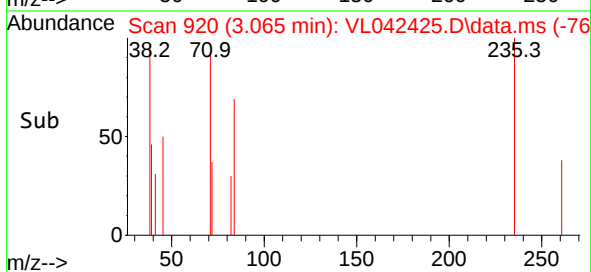
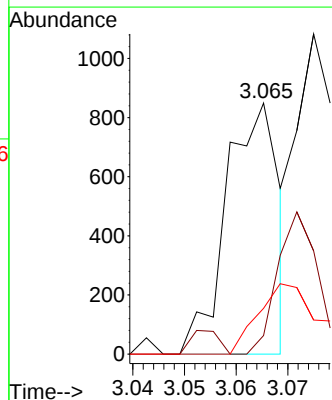
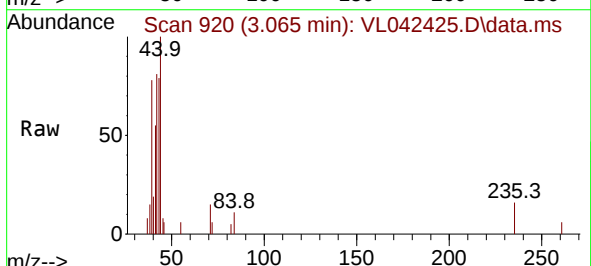
Tgt Ion: 42 Resp: 602

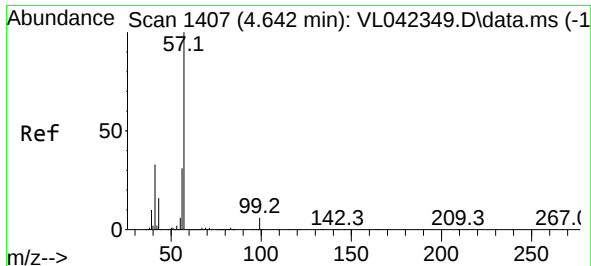
Ion Ratio Lower Upper

42 100

72 47.5 32.3 48.5

71 45.3 31.4 47.2

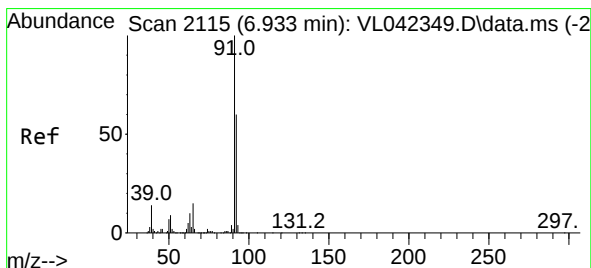
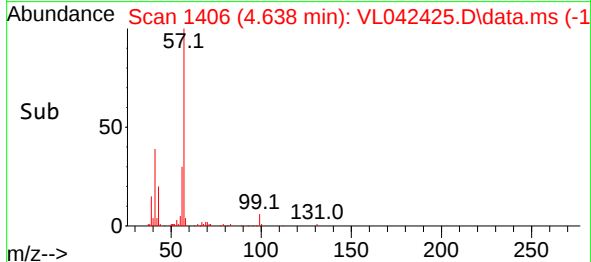
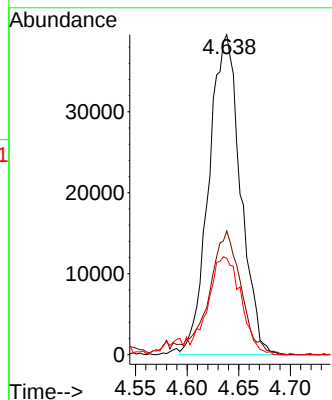
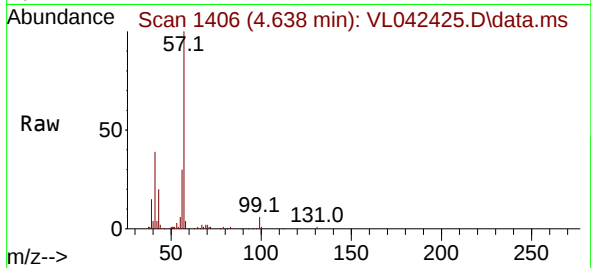




#44
2,2,4-Trimethylpentane
Concen: 1.186 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

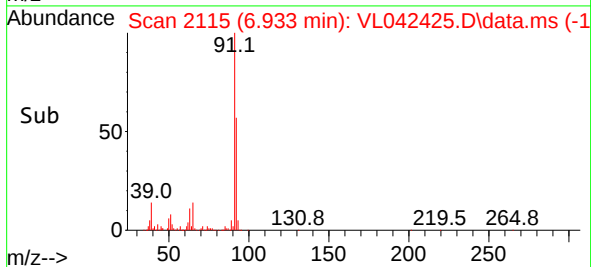
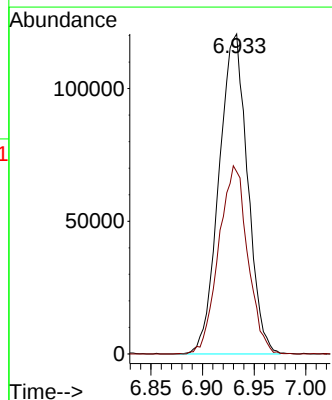
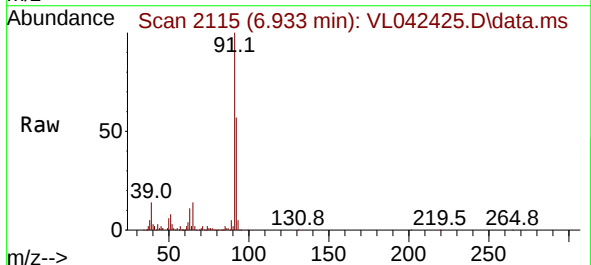
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

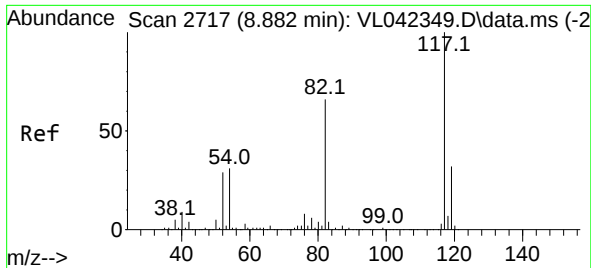
Tgt Ion: 57 Resp: 84397
Ion Ratio Lower Upper
57 100
41 40.9 27.2 40.8#
56 35.2 25.7 38.5



#53
Toluene
Concen: 4.695 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 91 Resp: 232100
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.4

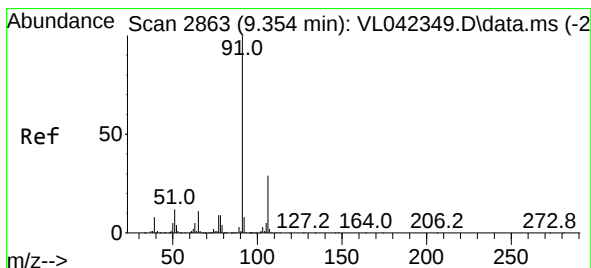
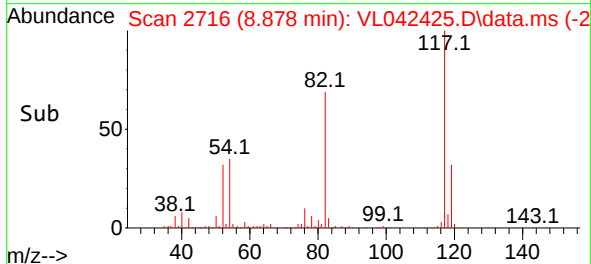
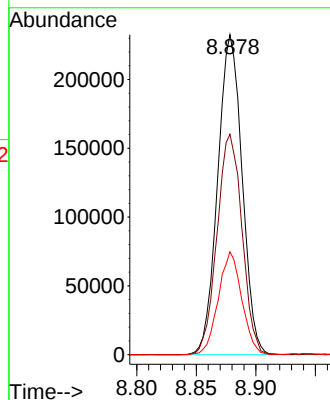
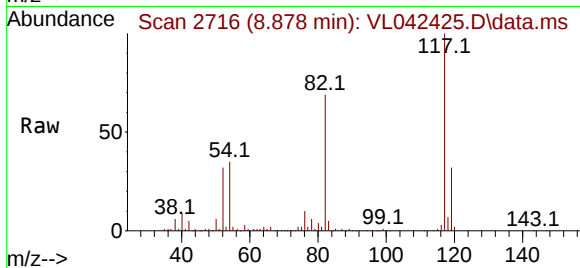




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

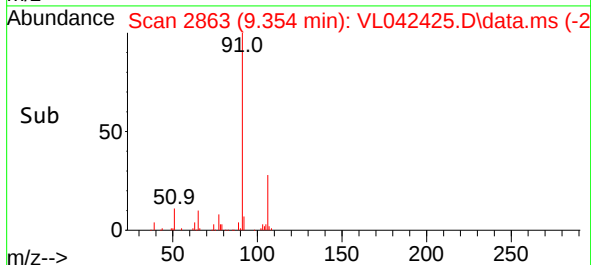
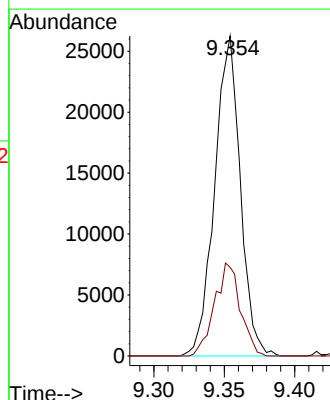
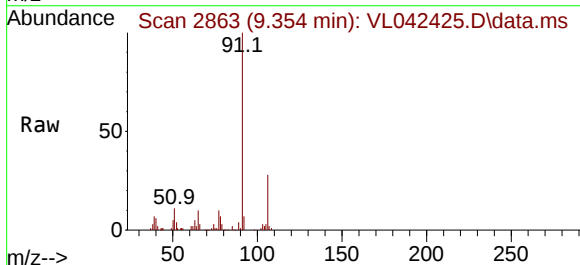
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

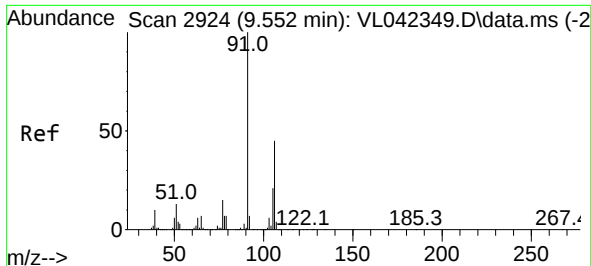
Tgt Ion:117 Resp: 330693
Ion Ratio Lower Upper
117 100
82 70.5 57.8 86.6
119 31.0 25.2 37.8



#58
Ethyl Benzene
Concen: 0.508 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion: 91 Resp: 33267
Ion Ratio Lower Upper
91 100
106 27.7 23.0 34.4





#59

m/p-Xylene

Concen: 1.750 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.023 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

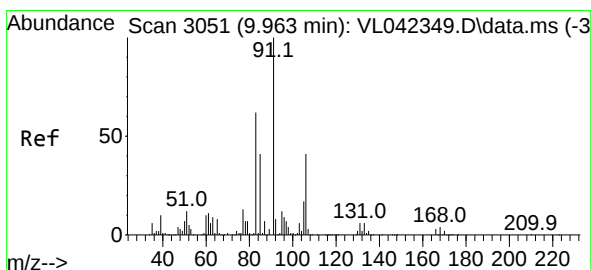
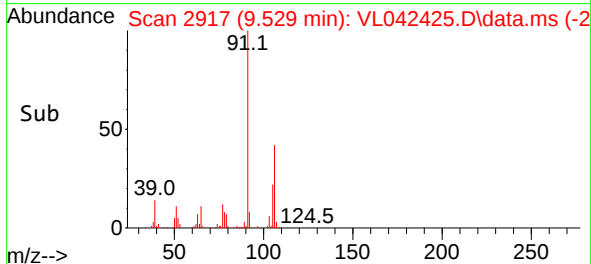
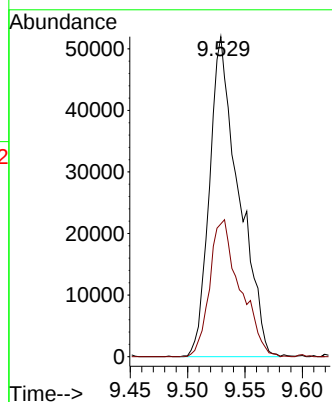
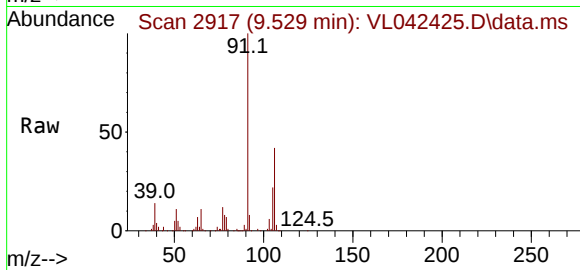
IA-B2-4-3242025

Tgt Ion: 91 Resp: 92347

Ion Ratio Lower Upper

91 100

106 44.3 35.4 53.2



#60

o-Xylene

Concen: 0.688 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VL042425.D

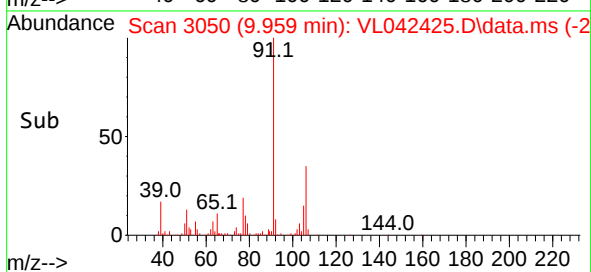
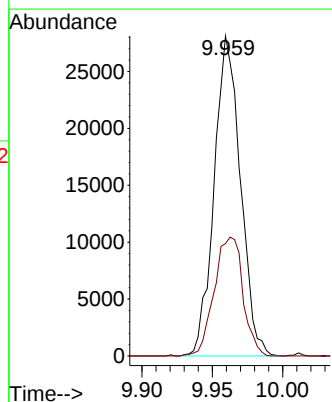
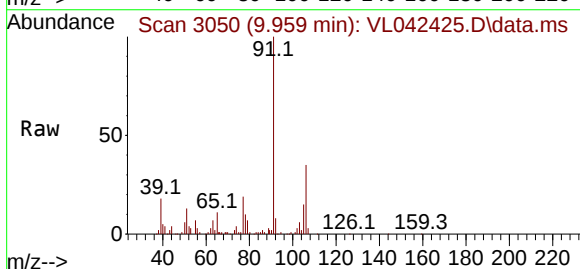
Acq: 28 Apr 2025 14:34

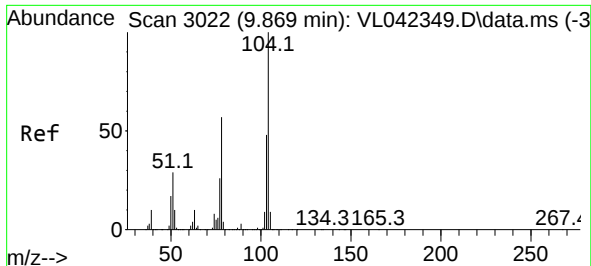
Tgt Ion: 91 Resp: 36544

Ion Ratio Lower Upper

91 100

106 40.5 21.1 63.4

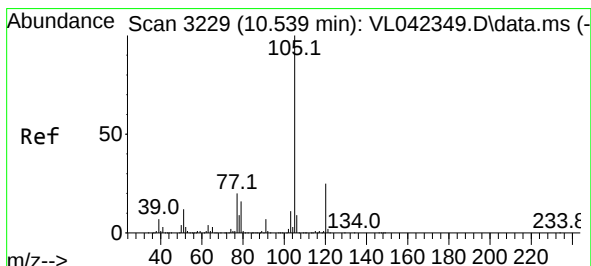
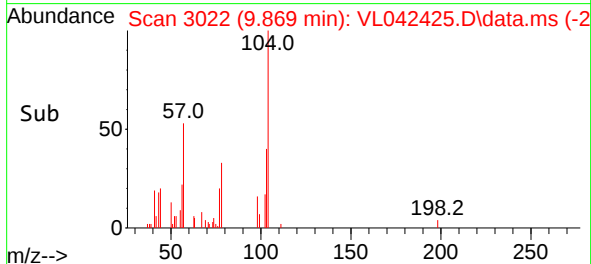
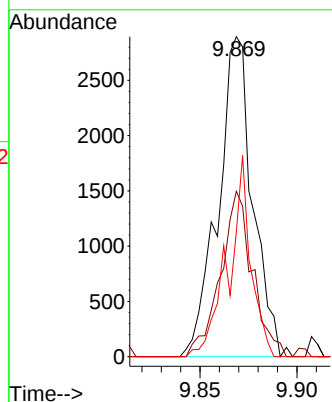
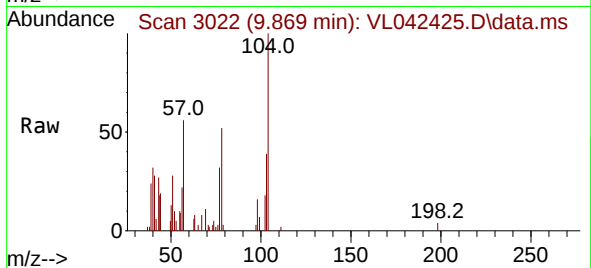




#61
Styrene
Concen: 0.141 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

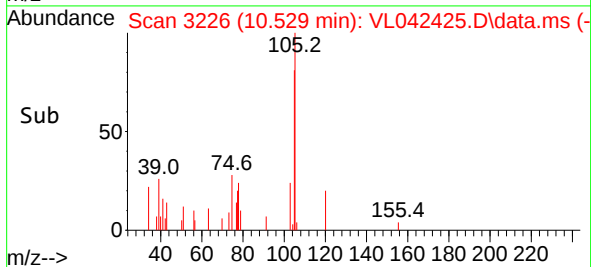
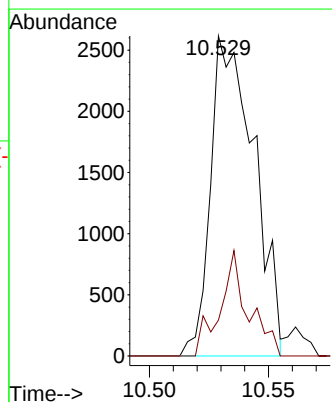
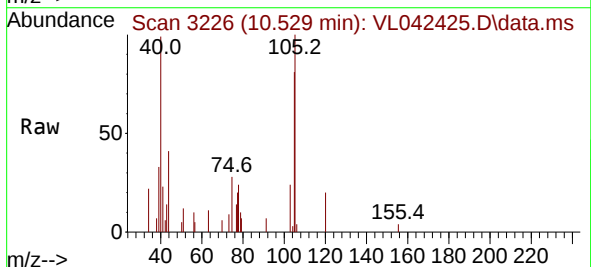
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

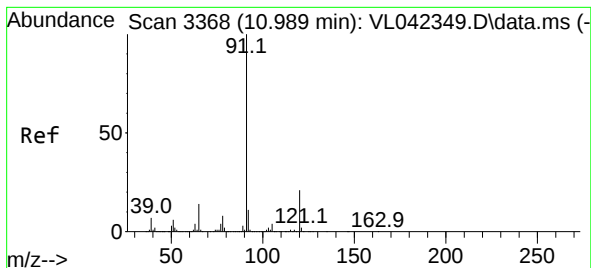
Tgt Ion:104 Resp: 3587
Ion Ratio Lower Upper
104 100
78 48.8 44.6 66.8
103 41.0 37.4 56.0



#62
Isopropylbenzene
Concen: 0.042 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.010 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion:105 Resp: 3313
Ion Ratio Lower Upper
105 100
120 21.6 19.8 29.8





#64

n-propylbenzene

Concen: 0.120 ppbv

RT: 10.985 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

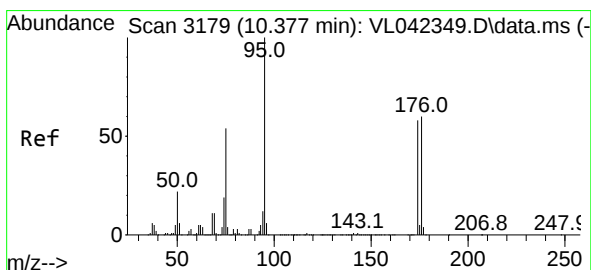
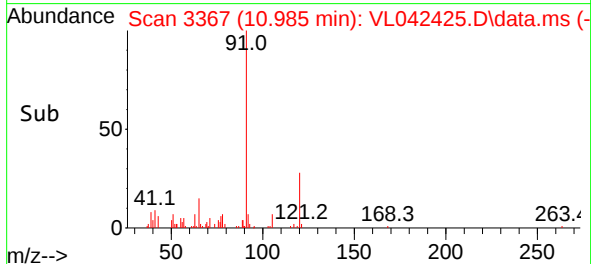
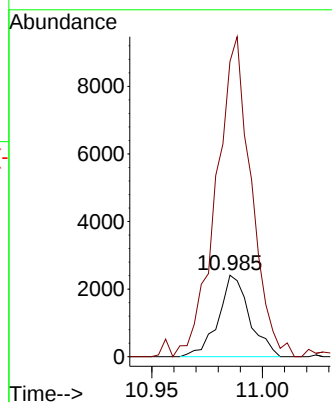
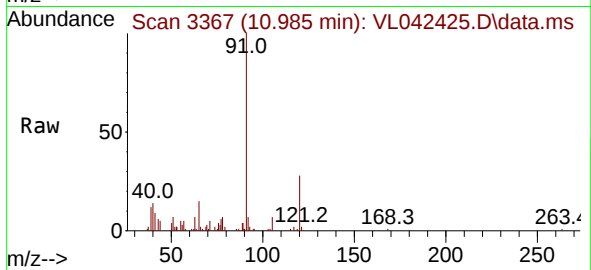
IA-B2-4-3242025

Tgt Ion:120 Resp: 2357

Ion Ratio Lower Upper

120 100

91 452.8 392.4 588.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.401 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.003 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

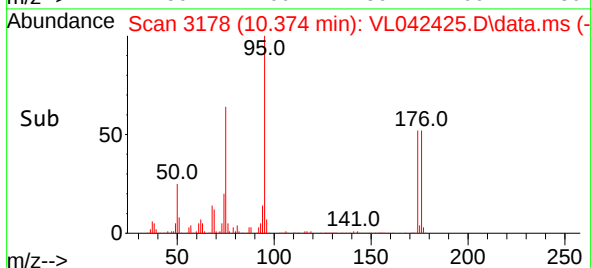
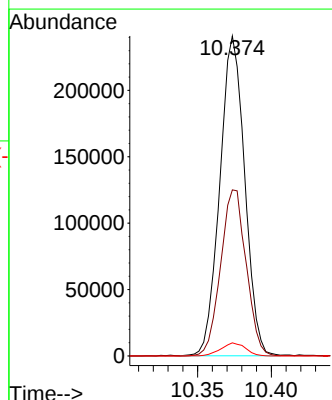
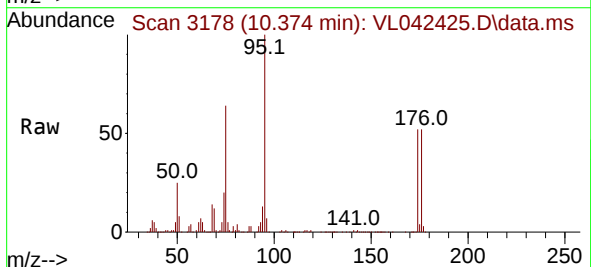
Tgt Ion: 95 Resp: 282648

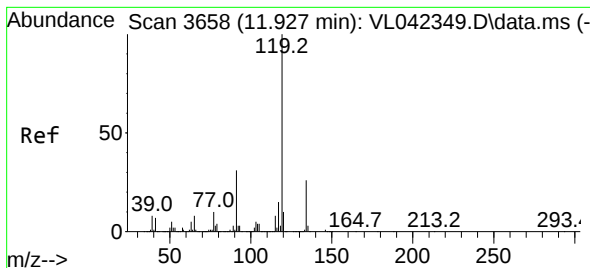
Ion Ratio Lower Upper

95 100

174 53.4 48.5 72.7

175 4.1 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.041 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. -0.000 min

Lab File: VL042425.D

Acq: 28 Apr 2025 14:34

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-4-3242025

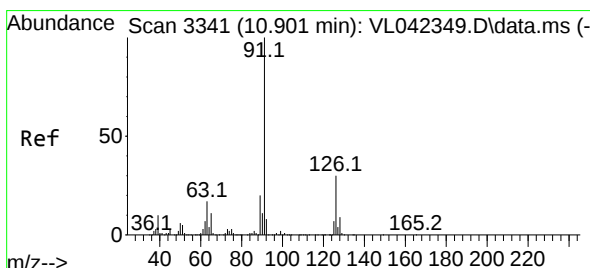
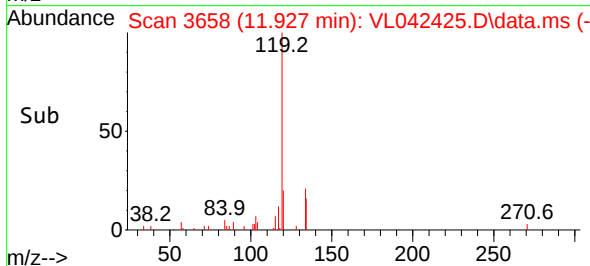
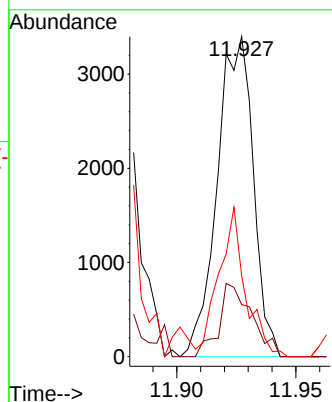
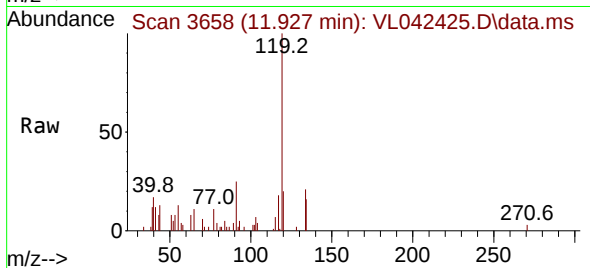
Tgt Ion:119 Resp: 3573

Ion Ratio Lower Upper

119 100

134 20.8 20.0 30.0

91 34.6 24.4 36.6



#71

2-Chlorotoluene

Concen: 0.069 ppbv

RT: 10.901 min Scan# 3341

Delta R.T. -0.000 min

Lab File: VL042425.D

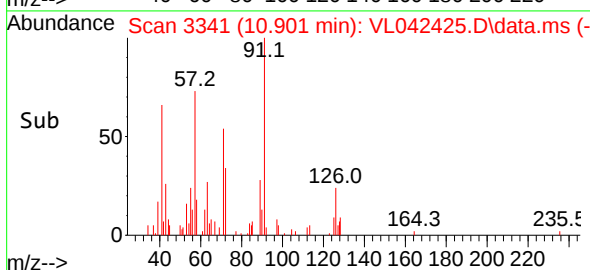
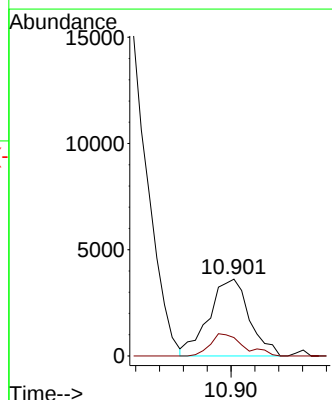
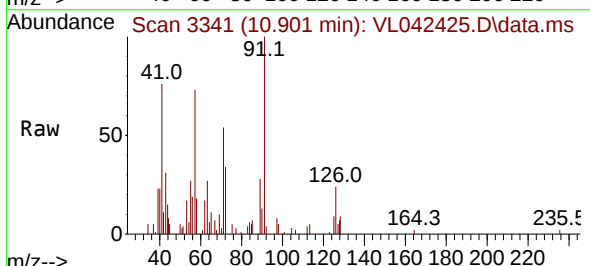
Acq: 28 Apr 2025 14:34

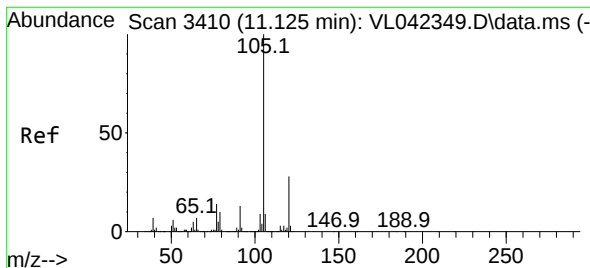
Tgt Ion: 91 Resp: 4240

Ion Ratio Lower Upper

91 100

126 23.7 11.4 45.4

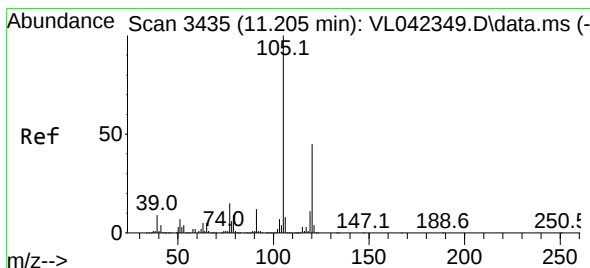
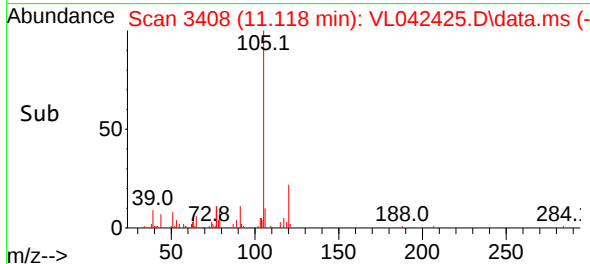
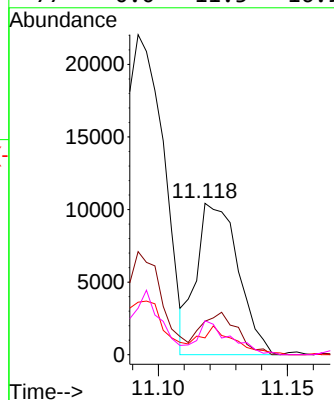
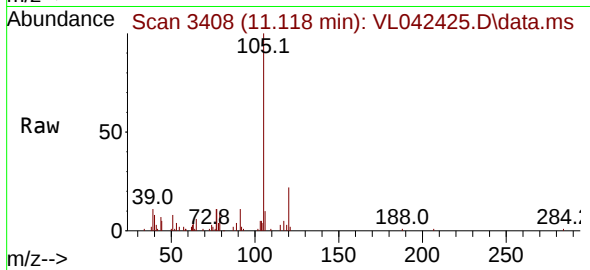




#72
4-Ethyltoluene
Concen: 0.182 ppbv
RT: 11.118 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

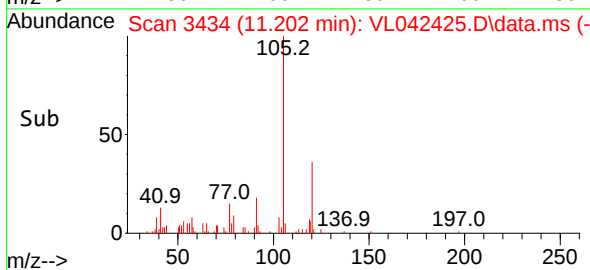
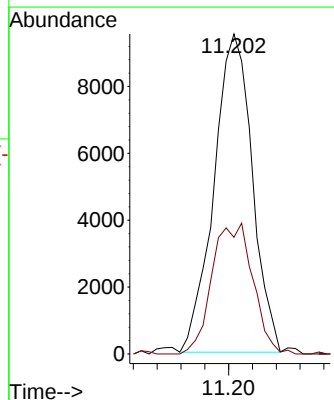
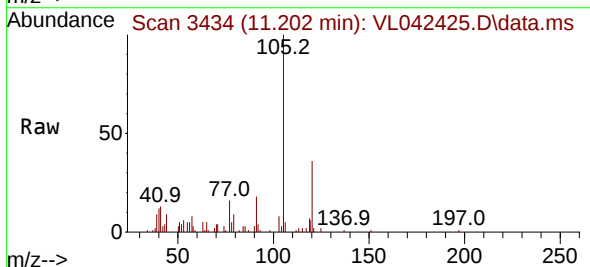
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

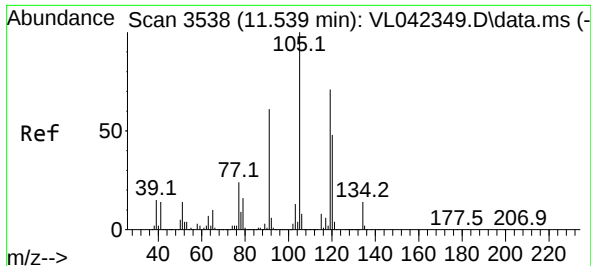
Tgt Ion:105	Resp:	11801
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.2 34.8#
91	0.0	10.4 15.6#
77	0.0	11.3 16.9#



#73
1,3,5-Trimethylbenzene
Concen: 0.186 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion:105	Resp:	10642
Ion Ratio	Lower	Upper
105	100	
120	36.6	35.6 53.4

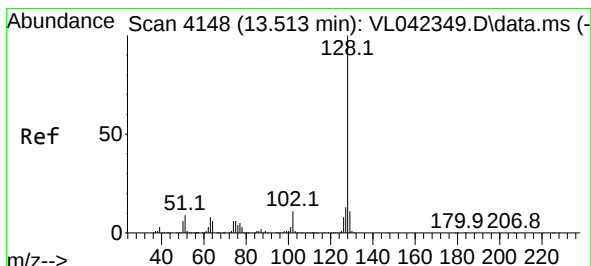
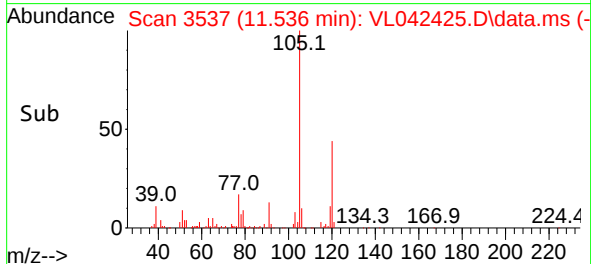
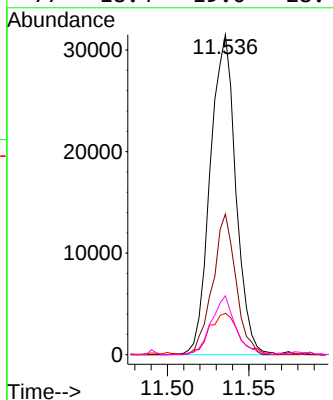
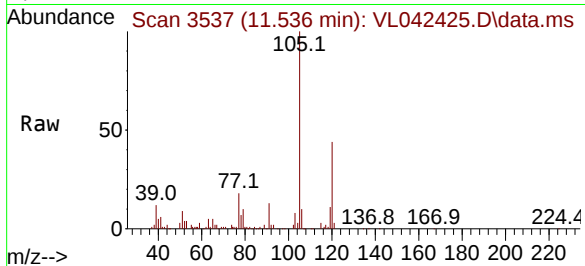




#74
1,2,4-Trimethylbenzene
Concen: 0.512 ppbv
RT: 11.536 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-4-3242025

Tgt Ion:	105	Resp:	34307
Ion	Ratio	Lower	Upper
105	100		
120	44.0	38.1	57.1
91	13.0	48.8	73.2#
77	18.4	19.0	28.4#



#79
Naphthalene
Concen: 0.031 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.003 min
Lab File: VL042425.D
Acq: 28 Apr 2025 14:34

Tgt Ion:	128	Resp:	2447
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	10.3	8.6	12.8

