

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042424.D
 Acq On : 28 Apr 2025 14:00
 Operator : SY/MD
 Sample : Q1665-21
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025

Quant Time: Apr 29 01:37:10 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	134924	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	377834	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	330143	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	284407	10.483	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10943	0.459	ppbv	93
3) Chlorodifluoromethane	1.476	51	12765	0.562	ppbv #	90
4) Chloromethane	1.531	50	6517	0.691	ppbv	93
6) Bromomethane	1.670	94	217	0.049	ppbv #	8
7) Chloroethane	1.706	64	126	0.034	ppbv #	42
9) Propene	1.884	41	43468	4.205	ppbv	87
10) Heptane	4.968	43	4448	0.153	ppbv #	27
11) Trichlorofluoromethane	1.877	101	4919	0.217	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.136	101	1302	0.070	ppbv	94
13) Ethanol	1.722	45	1134596	690.509	ppbv	81
15) Acetone	1.835	43	335719	15.200	ppbv	100
16) 1,3-Butadiene	1.619	39	7122	0.674	ppbv #	29
17) tert-Butyl alcohol	2.043	59	7751	0.283	ppbv	97
19) Isopropyl Alcohol	1.884	45	490461	39.973	ppbv #	63
20) Methylene Chloride	2.059	84	13523	1.563	ppbv	95
21) Allyl Chloride	2.078	41	1344	0.088	ppbv #	21
23) Vinyl Acetate	2.454	43	26458	2.959	ppbv #	79
25) Ethyl Acetate	2.826	43	62430	1.146	ppbv #	89
26) Hexane	2.826	57	65044	2.951	ppbv #	42
27) Carbon Disulfide	2.146	76	1316	0.056	ppbv #	1
29) Chloroform	2.848	83	1950	0.063	ppbv #	75
30) Cyclohexane	3.855	84	5289	0.297	ppbv	92
31) cis-1,2-Dichloroethene	2.836	61	2740	0.131	ppbv #	25
34) 2-Butanone	2.560	43	21181	0.709	ppbv	100
35) Carbon Tetrachloride	3.761	117	1182	0.035	ppbv #	32
36) Benzene	3.654	78	17661	0.433	ppbv #	94
37) 1,2-Dichloroethane	3.214	62	1133	0.046	ppbv #	84
39) 1,2-Dichloropropane	3.959	63	102487	6.749	ppbv #	23
41) Tetrahydrofuran	3.065	42	982	0.056	ppbv #	66
44) 2,2,4-Trimethylpentane	4.632	57	16799	0.239	ppbv #	20
53) Toluene	6.930	91	417734	8.542	ppbv	100
58) Ethyl Benzene	9.351	91	24772	0.379	ppbv	95
59) m/p-Xylene	9.529	91	65650	1.246	ppbv	93
60) o-Xylene	9.963	91	27701	0.522	ppbv	97
61) Styrene	9.865	104	6130	0.242	ppbv	91
62) Isopropylbenzene	10.535	105	3004	0.039	ppbv	96
64) n-propylbenzene	10.985	120	1011	0.052	ppbv #	1
69) p-Isopropyltoluene	11.924	119	4355	0.050	ppbv #	76
71) 2-Chlorotoluene	10.901	91	6948	0.114	ppbv	82
72) 4-Ethyltoluene	11.125	105	7865	0.121	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	7185	0.125	ppbv	95
74) 1,2,4-Trimethylbenzene	11.536	105	17740	0.265	ppbv #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
Data File : VL042424.D
Acq On : 28 Apr 2025 14:00
Operator : SY/MD
Sample : Q1665-21
Misc : 400mL/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

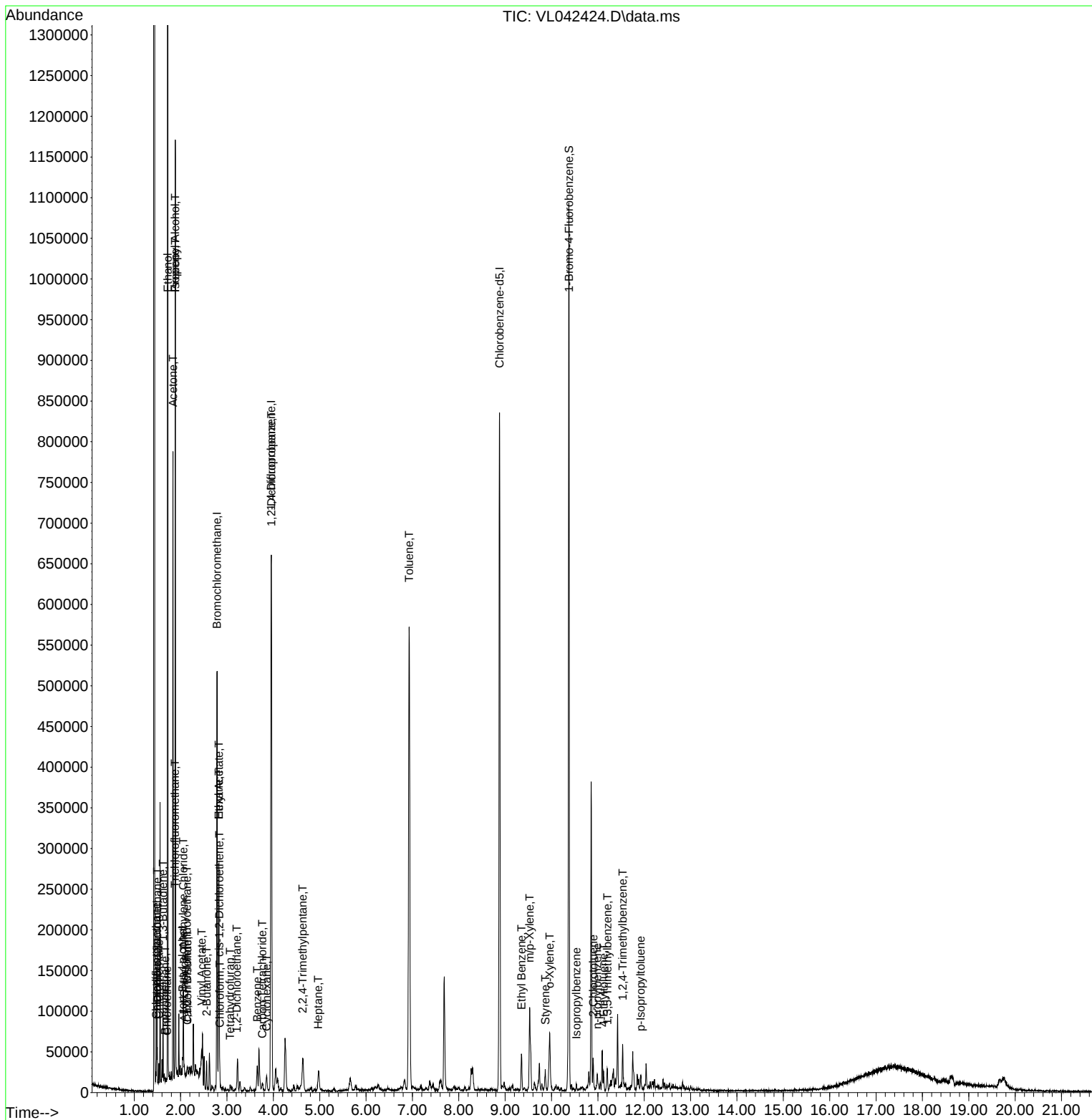
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

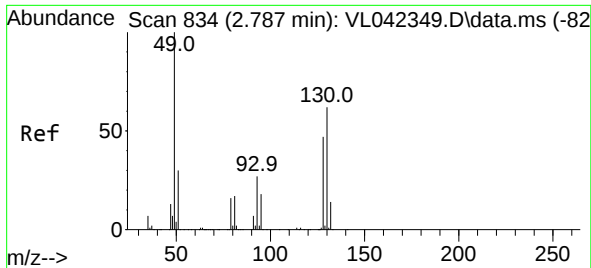
Quant Time: Apr 29 01:37:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 29 01:37:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

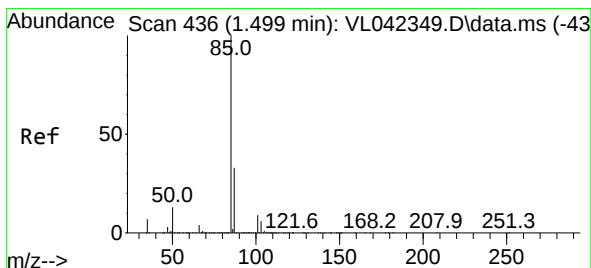
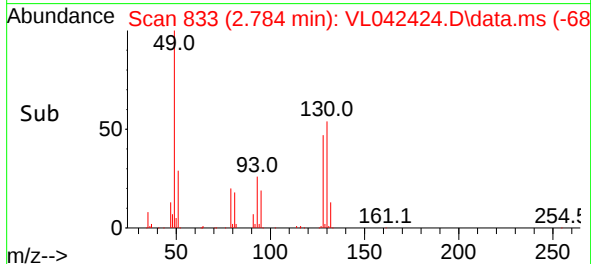
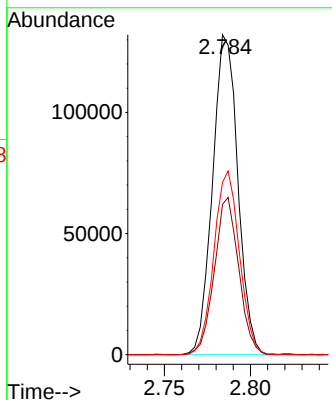
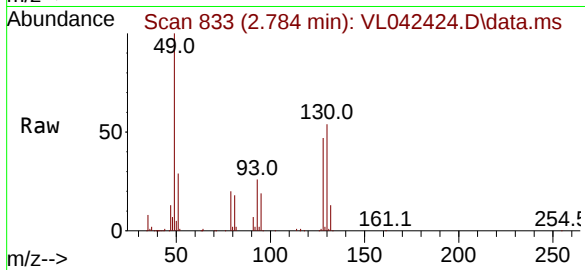




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

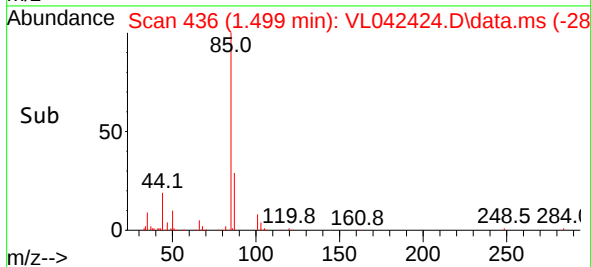
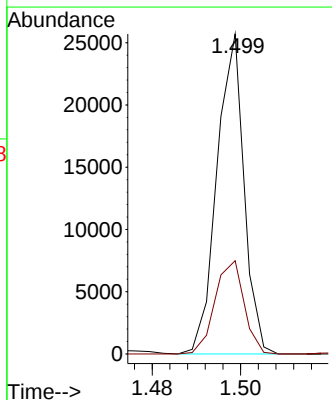
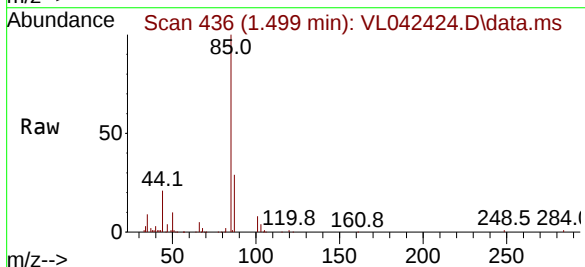
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025

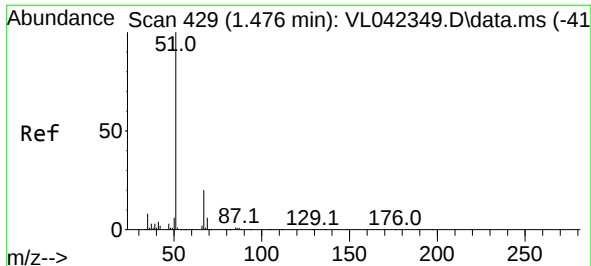
Tgt Ion: 49 Resp: 134924
 Ion Ratio Lower Upper
 49 100
 128 47.5 22.8 68.4
 130 57.9 29.3 88.0



#2
 Dichlorodifluoromethane
 Concen: 0.459 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

Tgt Ion: 85 Resp: 10943
 Ion Ratio Lower Upper
 85 100
 87 29.1 26.6 39.8

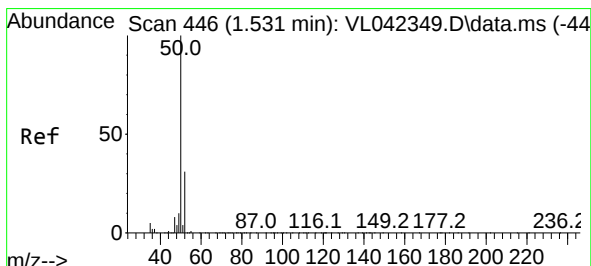
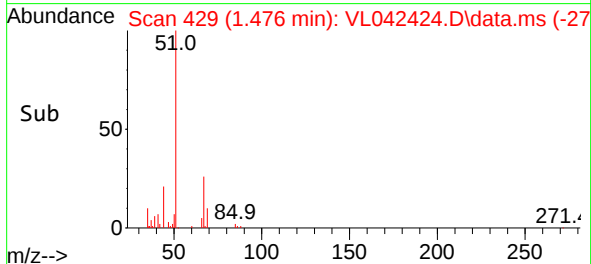
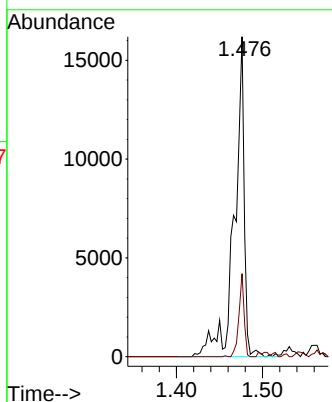
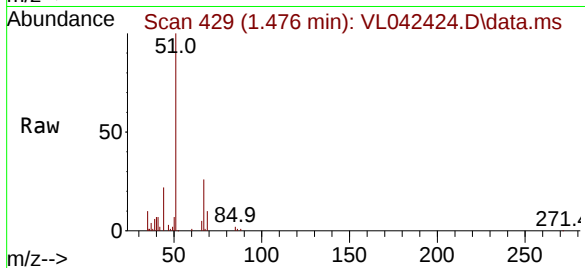




#3
Chlorodifluoromethane
Concen: 0.562 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

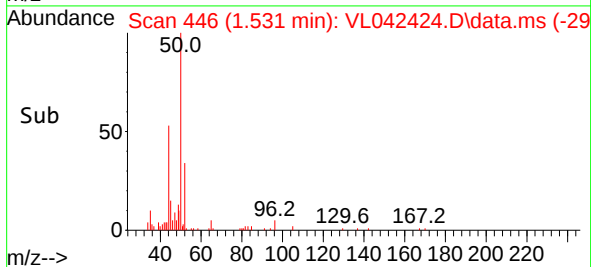
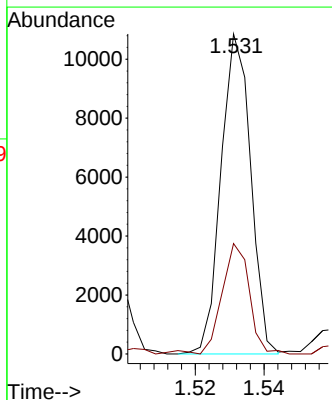
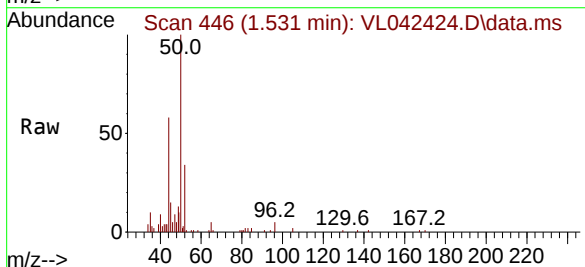
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

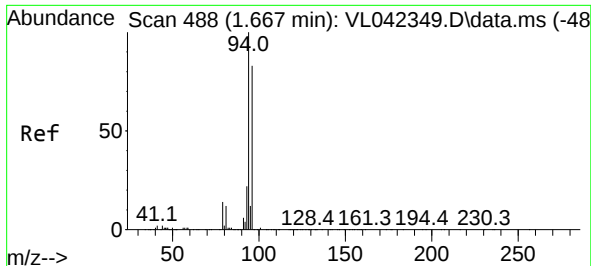
Tgt Ion: 51 Resp: 12765
Ion Ratio Lower Upper
51 100
67 15.7 16.2 24.4#



#4
Chloromethane
Concen: 0.691 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 50 Resp: 6517
Ion Ratio Lower Upper
50 100
52 34.6 24.7 37.1

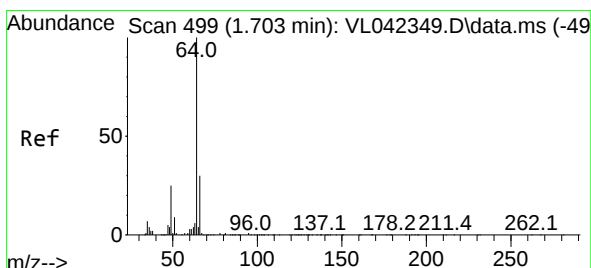
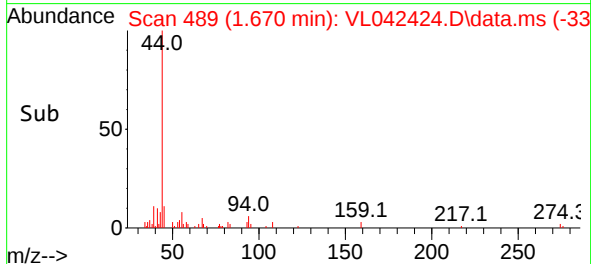
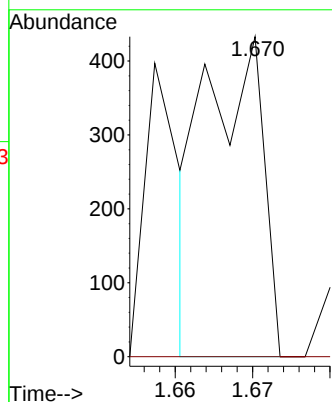
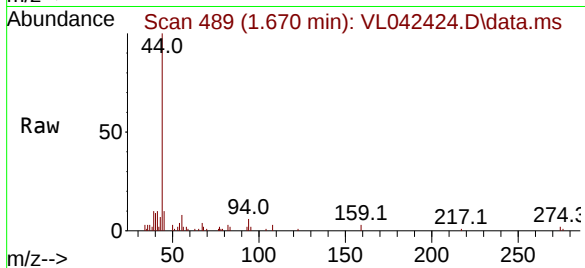




#6
Bromomethane
Concen: 0.049 ppbv
RT: 1.670 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

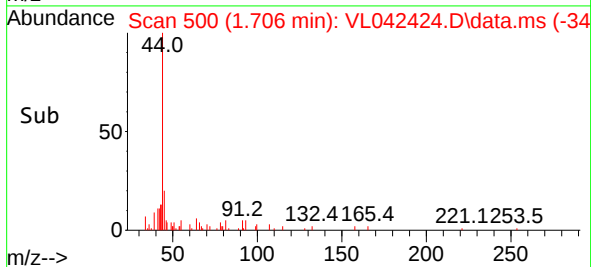
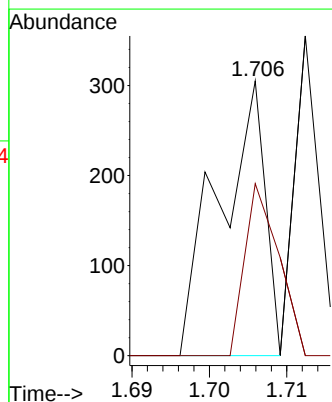
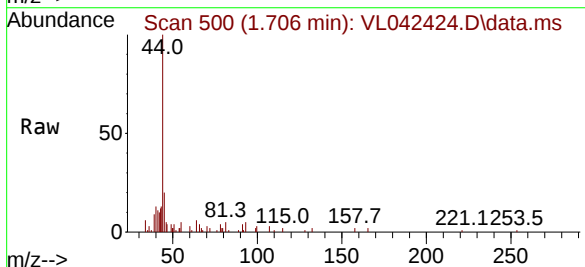
Instrument :
MSVOA_1
ClientSampleId :
IA-B2-1-3242025

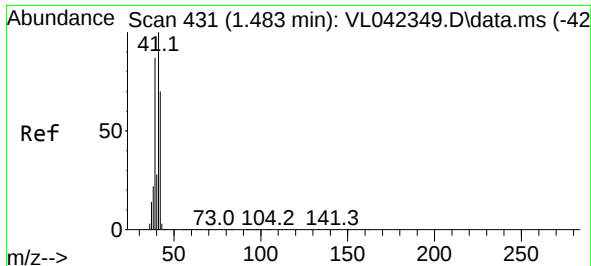
Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 0.0 66.2 99.2#



#7
Chloroethane
Concen: 0.034 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 62.6 24.6 37.0#

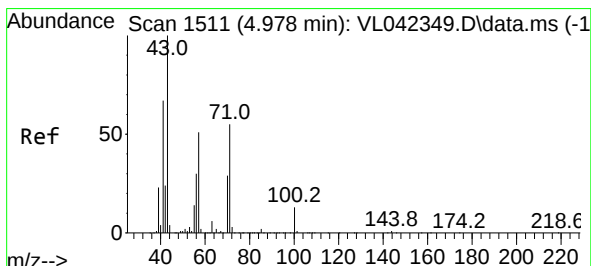
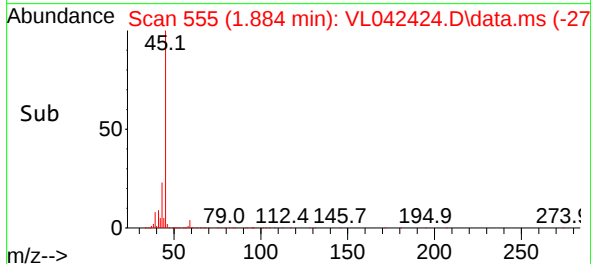
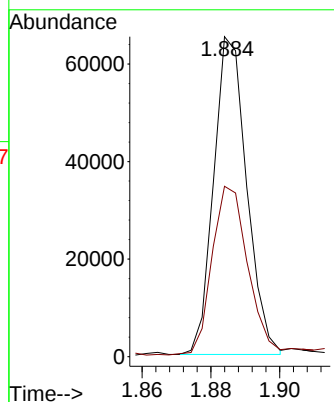
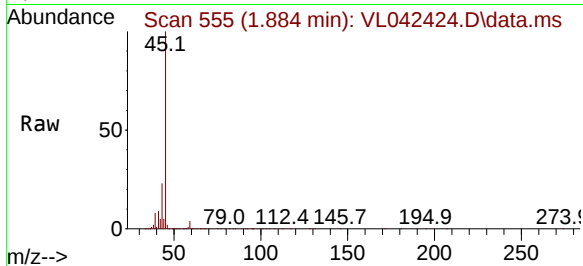




#9
 Propene
 Concen: 4.205 ppbv
 RT: 1.884 min Scan# 51
 Delta R.T. 0.401 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

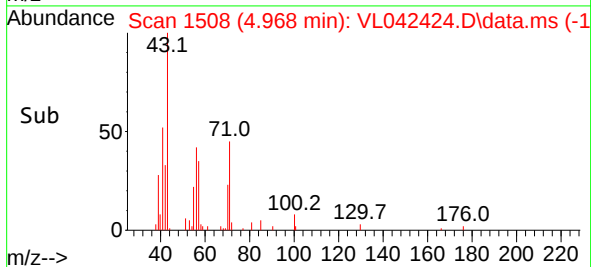
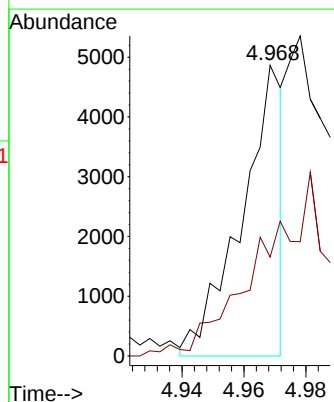
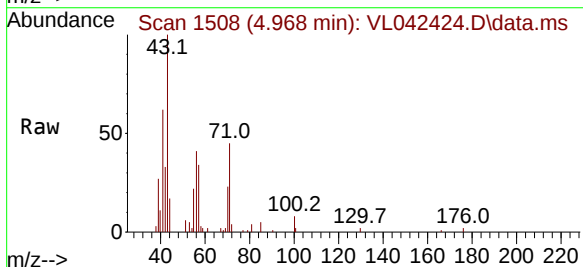
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025

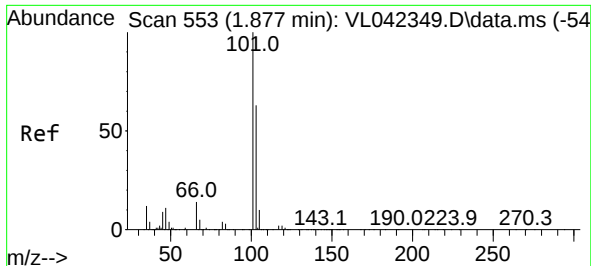
Tgt Ion: 41 Resp: 43468
 Ion Ratio Lower Upper
 41 100
 42 60.0 56.2 84.4



#10
 Heptane
 Concen: 0.153 ppbv
 RT: 4.968 min Scan# 1508
 Delta R.T. -0.010 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

Tgt Ion: 43 Resp: 4448
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.9 59.9#

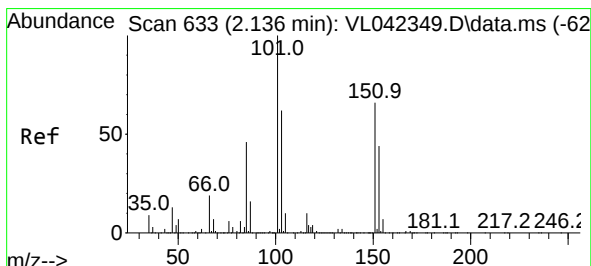
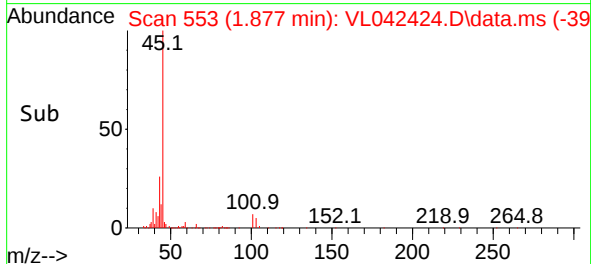
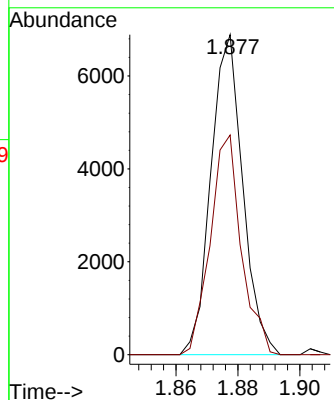
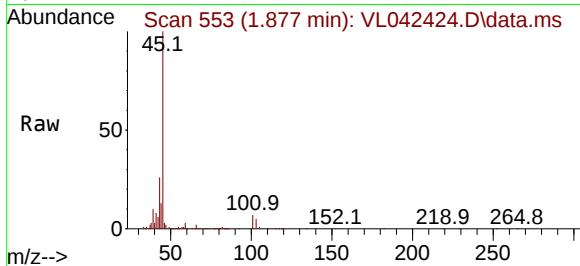




#11
 Trichlorofluoromethane
 Concen: 0.217 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

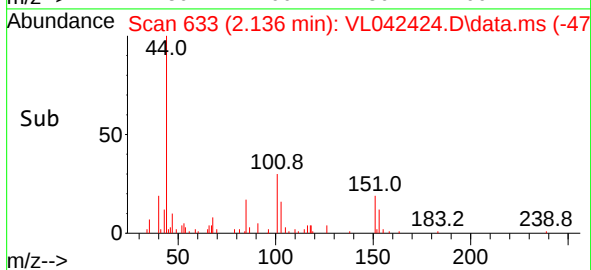
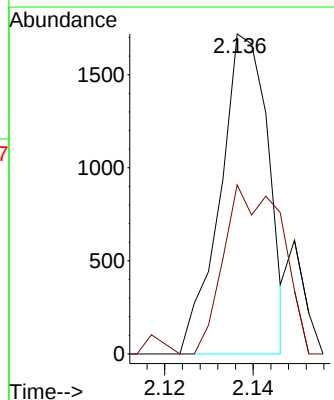
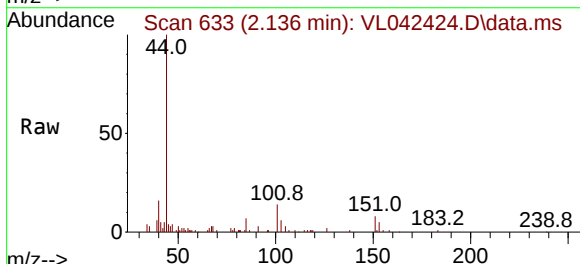
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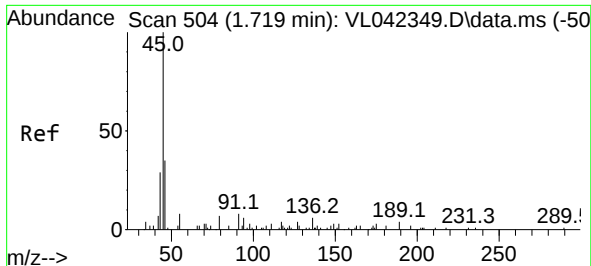
Tgt Ion:101 Resp: 4919
 Ion Ratio Lower Upper
 101 100
 103 68.7 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.070 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

Tgt Ion:101 Resp: 1302
 Ion Ratio Lower Upper
 101 100
 151 66.0 57.0 85.6

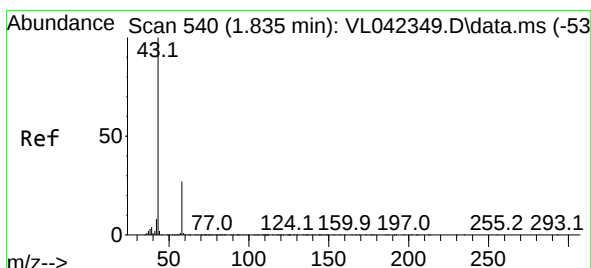
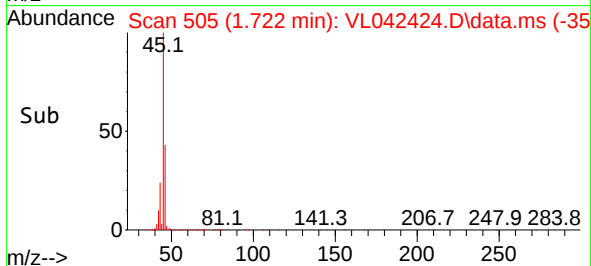
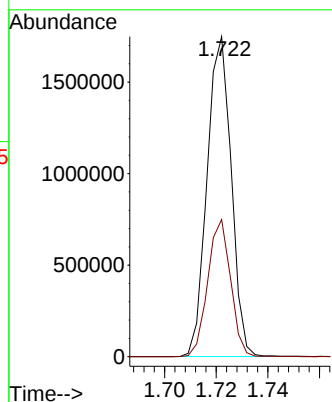
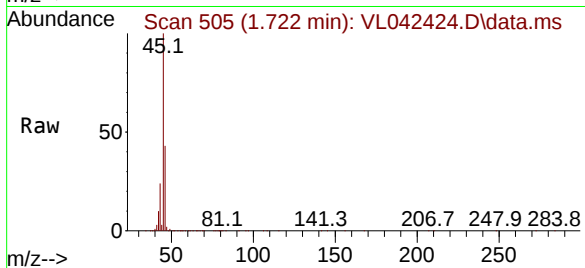




#13
Ethanol
Concen: 690.509 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

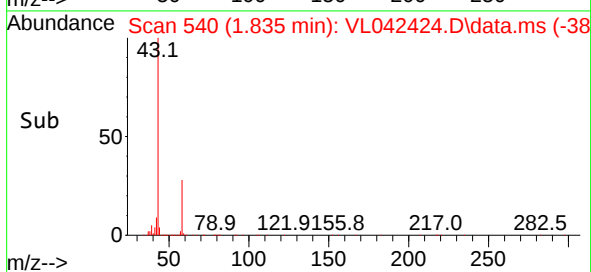
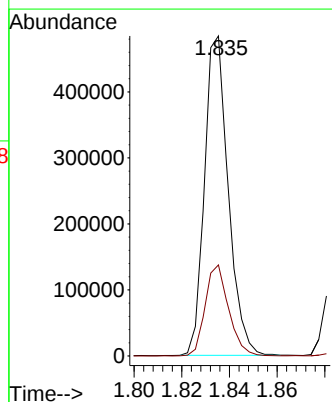
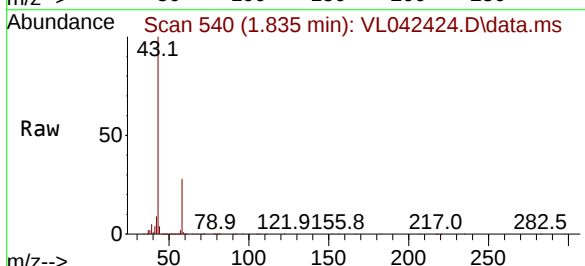
Instrument :
MSVOA_1
ClientSampleId :
IA-B2-1-3242025

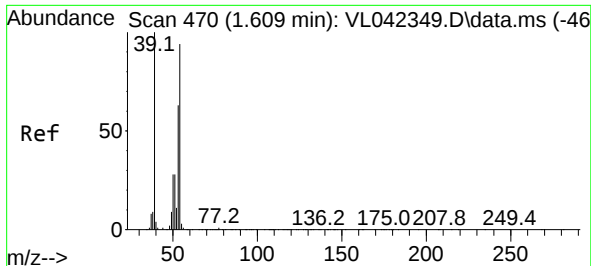
Tgt Ion: 45 Resp: 1134596
Ion Ratio Lower Upper
45 100
46 40.7 21.9 87.7



#15
Acetone
Concen: 15.200 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 43 Resp: 335719
Ion Ratio Lower Upper
43 100
58 28.2 22.4 33.6

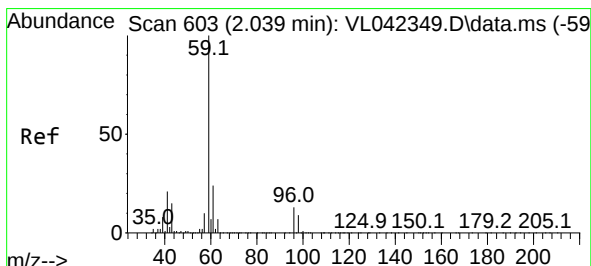
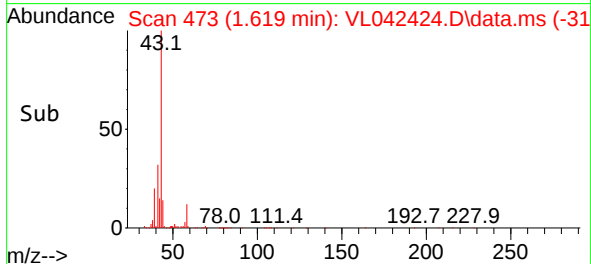
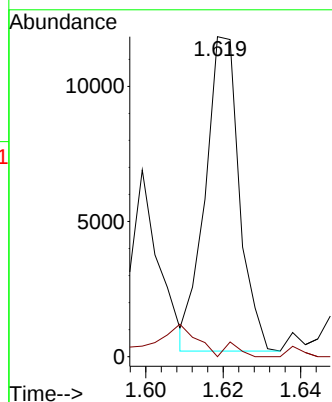
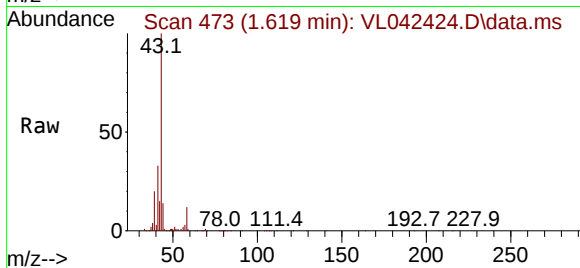




#16
1,3-Butadiene
Concen: 0.674 ppbv
RT: 1.619 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

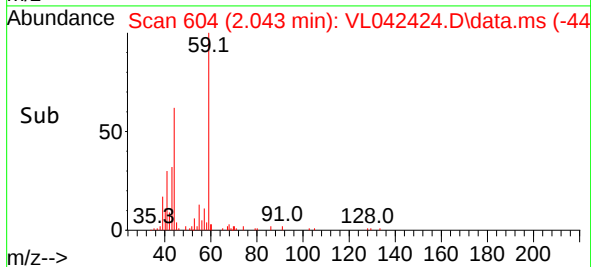
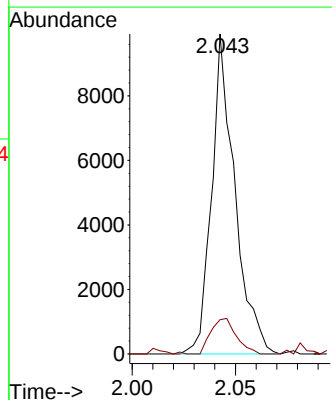
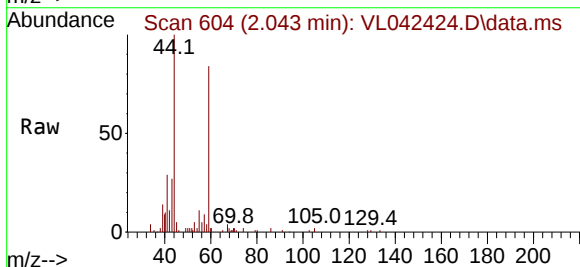
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

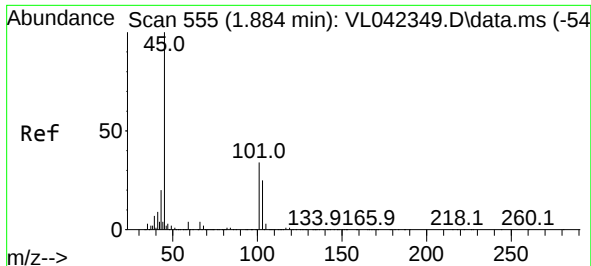
Tgt Ion: 39 Resp: 7122
Ion Ratio Lower Upper
39 100
54 17.8 64.9 97.3#



#17
tert-Butyl alcohol
Concen: 0.283 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 59 Resp: 7751
Ion Ratio Lower Upper
59 100
57 12.1 8.7 13.1

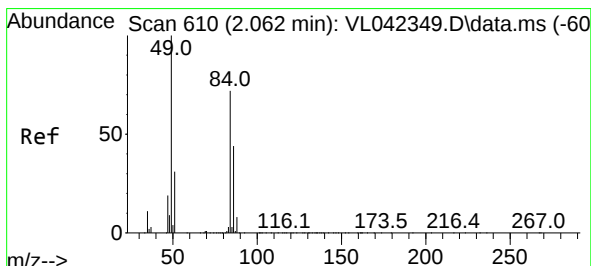
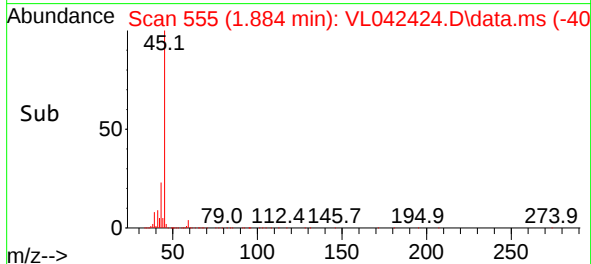
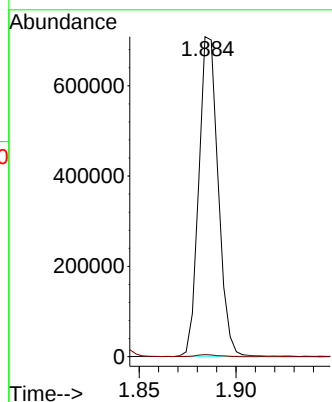
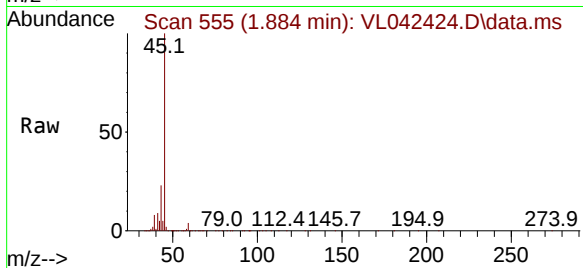




#19
Isopropyl Alcohol
Concen: 39.973 ppbv
RT: 1.884 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

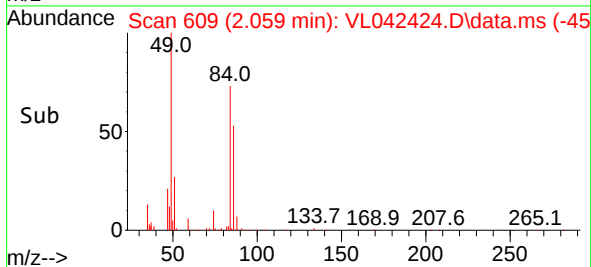
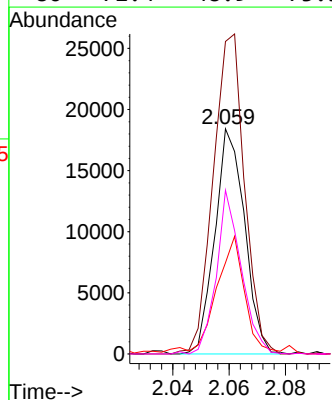
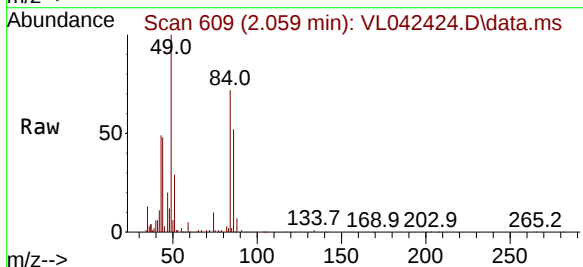
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

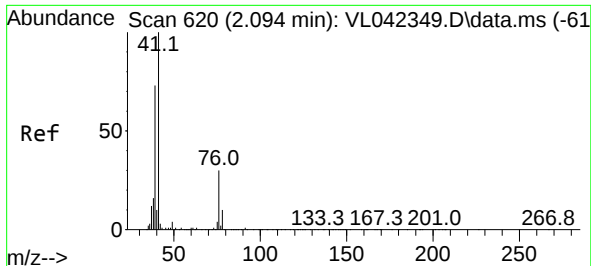
Tgt Ion: 45 Resp: 490461
Ion Ratio Lower Upper
45 100
58 19.3 34.5 51.7#



#20
Methylene Chloride
Concen: 1.563 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 84 Resp: 13523
Ion Ratio Lower Upper
84 100
49 138.8 111.6 167.4
51 39.3 35.1 52.7
86 72.4 48.9 73.3

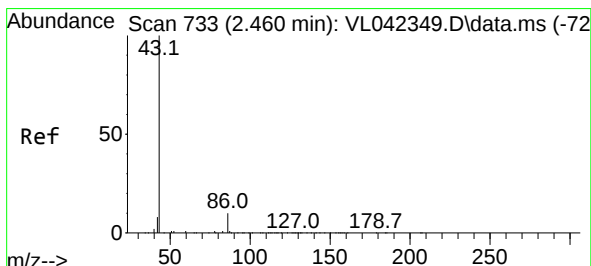
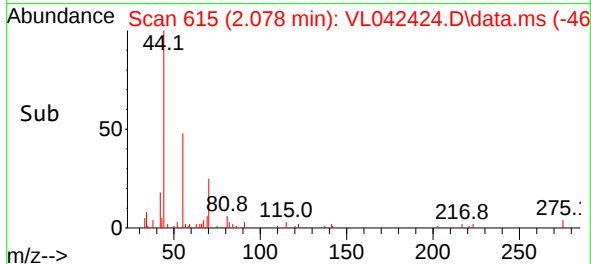
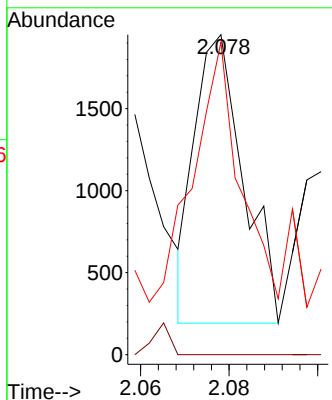
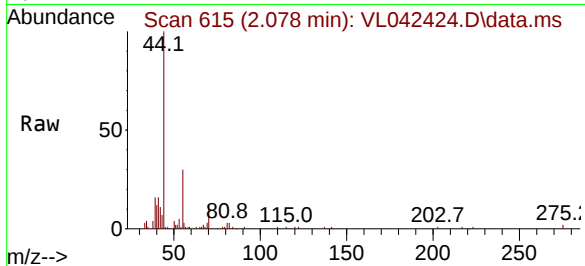




#21
 Allyl Chloride
 Concen: 0.088 ppbv
 RT: 2.078 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

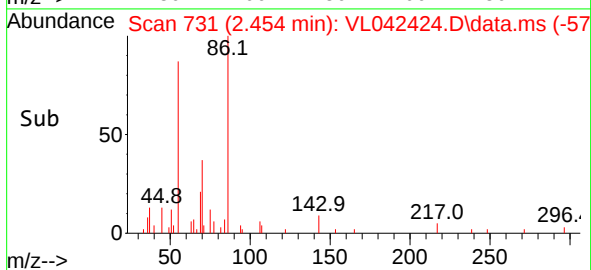
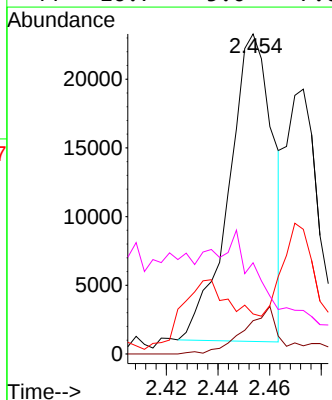
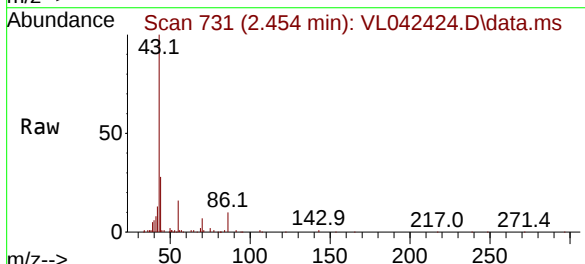
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025

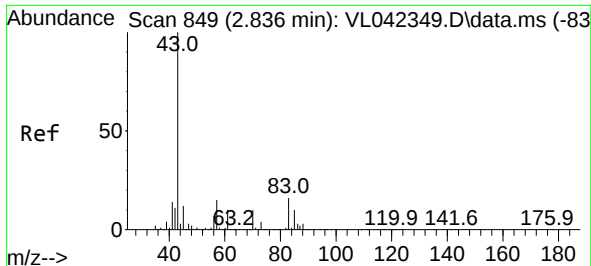
Tgt Ion: 41 Resp: 1344
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.8 37.2#
 39 0.0 60.6 90.8#



#23
 Vinyl Acetate
 Concen: 2.959 ppbv
 RT: 2.454 min Scan# 731
 Delta R.T. -0.006 min
 Lab File: VL042424.D
 Acq: 28 Apr 2025 14:00

Tgt Ion: 43 Resp: 26458
 Ion Ratio Lower Upper
 43 100
 86 10.9 6.5 9.7#
 42 0.0 7.8 11.8#
 44 16.7 5.0 7.6#

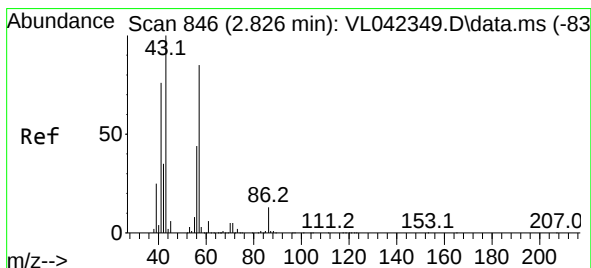
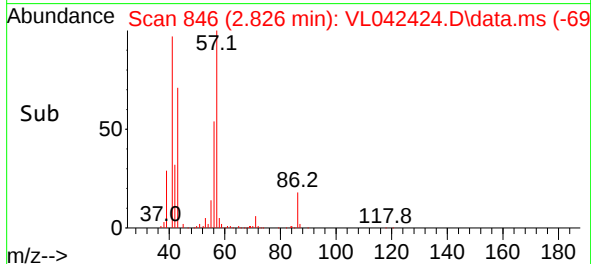
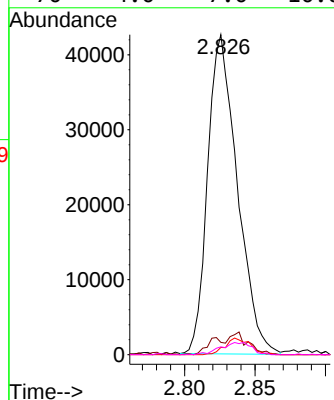
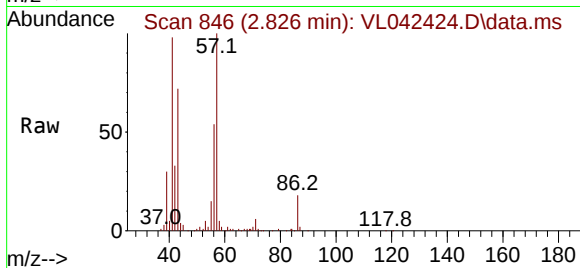




#25
Ethyl Acetate
Concen: 1.146 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.010 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

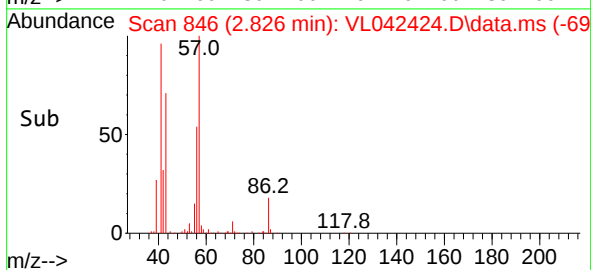
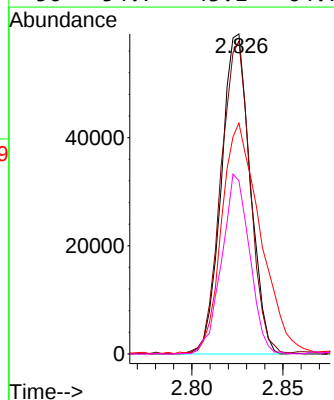
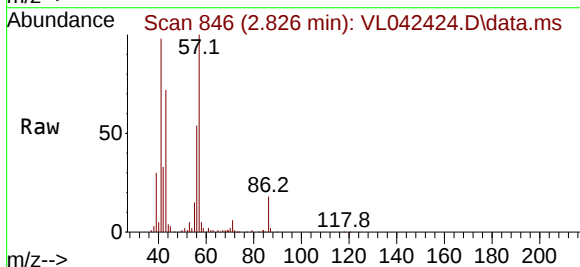
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

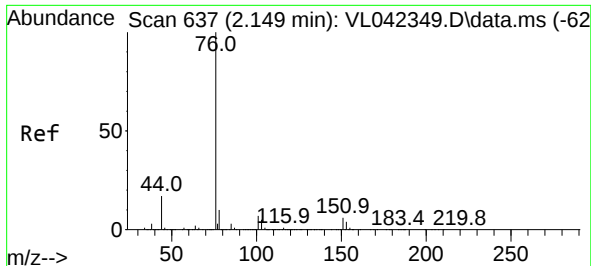
Tgt Ion: 43	Resp: 62430
Ion Ratio	Lower Upper
43 100	
45 7.5	8.3 12.5#
61 4.4	7.3 10.9#
70 4.0	7.0 10.6#



#26
Hexane
Concen: 2.951 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 57	Resp: 65044
Ion Ratio	Lower Upper
57 100	
41 100.1	77.9 116.9
43 98.3	208.4 312.6#
56 54.7	43.1 64.7

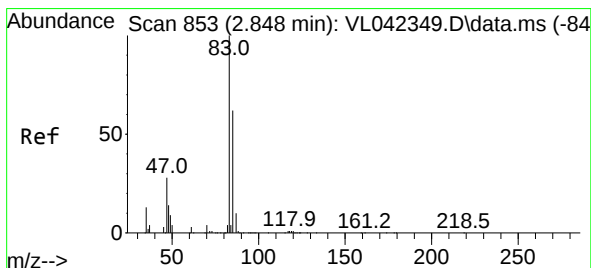
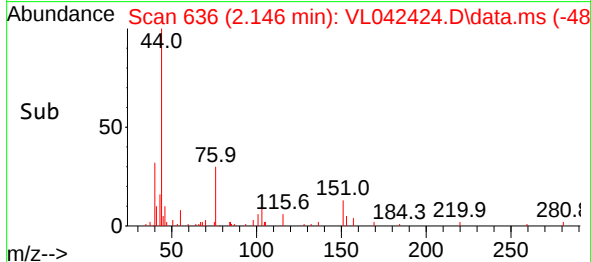
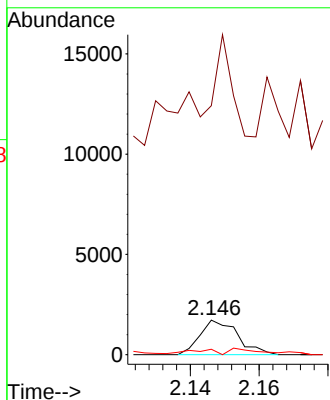
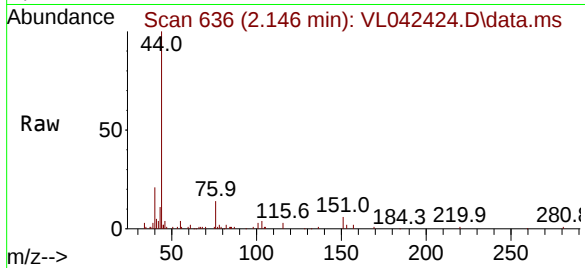




#27
Carbon Disulfide
Concen: 0.056 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

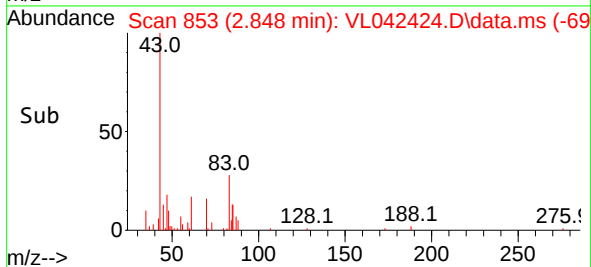
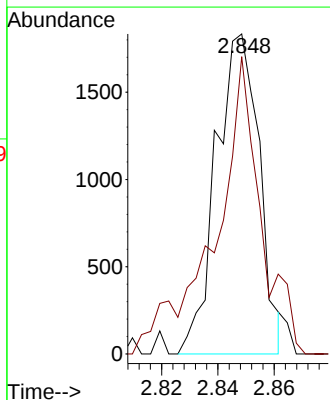
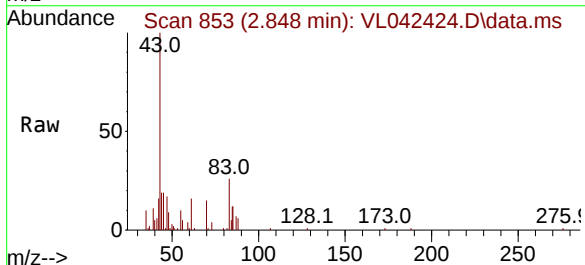
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

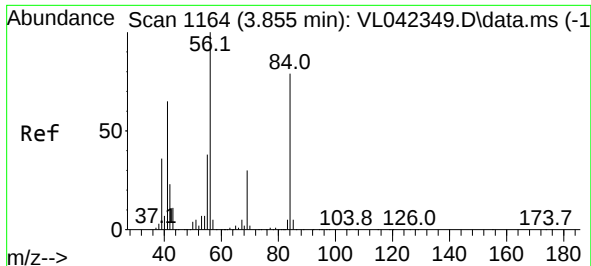
Tgt Ion: 76 Resp: 1316
Ion Ratio Lower Upper
76 100
44 702.4 15.5 23.3#
78 41.8 9.3 13.9#



#29
Chloroform
Concen: 0.063 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 83 Resp: 1950
Ion Ratio Lower Upper
83 100
85 81.5 50.0 75.0#

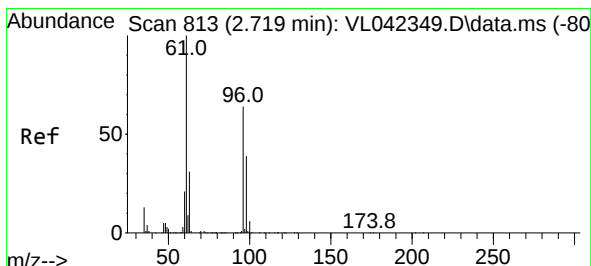
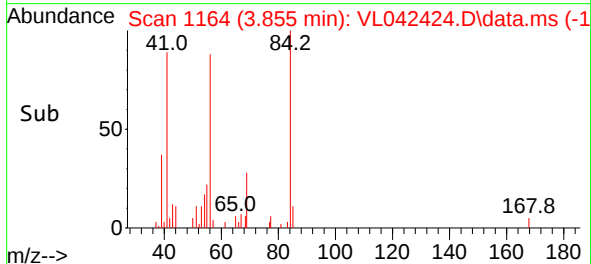
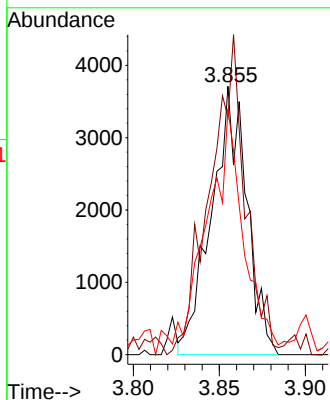
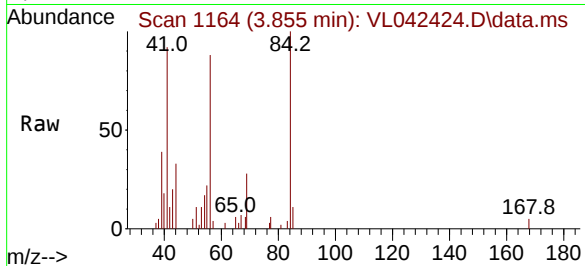




#30
Cyclohexane
Concen: 0.297 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

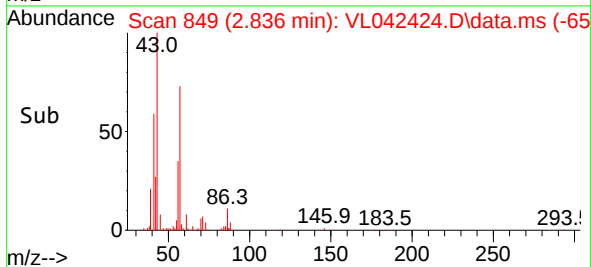
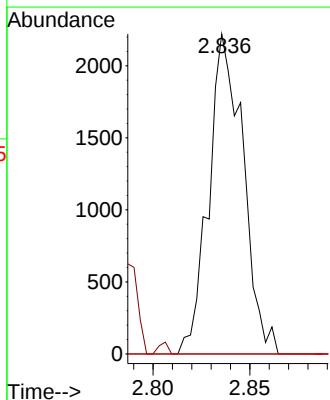
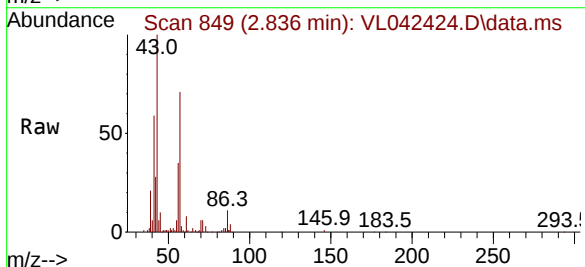
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

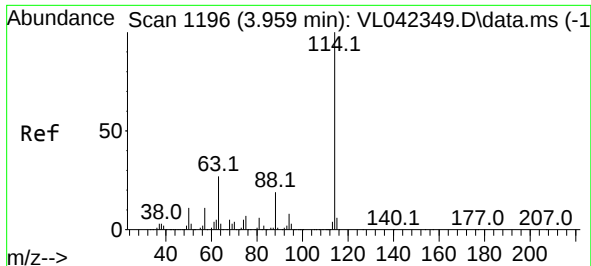
Tgt Ion: 84 Resp: 5289
Ion Ratio Lower Upper
84 100
56 130.1 101.0 151.4
41 98.5 67.4 101.0



#31
cis-1,2-Dichloroethene
Concen: 0.131 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.117 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 61 Resp: 2740
Ion Ratio Lower Upper
61 100
96 0.0 50.8 76.2#
98 0.0 30.9 46.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.003 min

Lab File: VL042424.D

Acq: 28 Apr 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-1-3242025

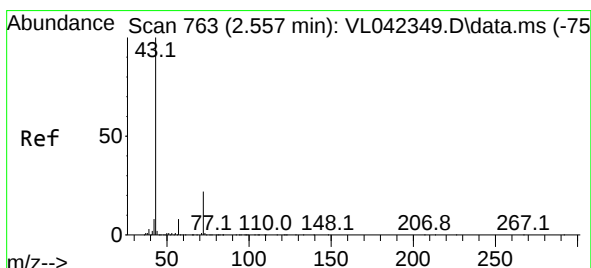
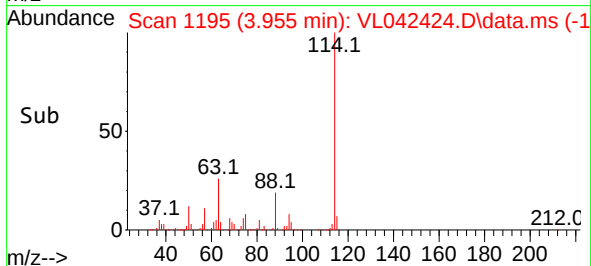
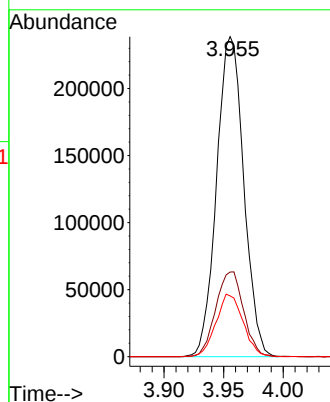
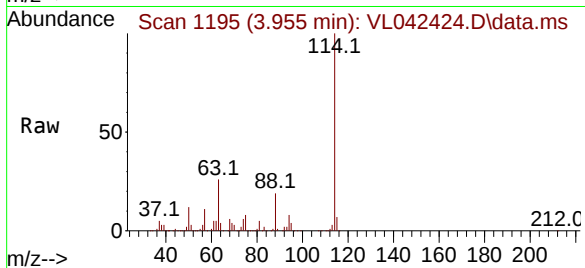
Tgt Ion:114 Resp: 377834

Ion Ratio Lower Upper

114 100

63 27.2 21.8 32.6

88 19.5 15.5 23.3



#34

2-Butanone

Concen: 0.709 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL042424.D

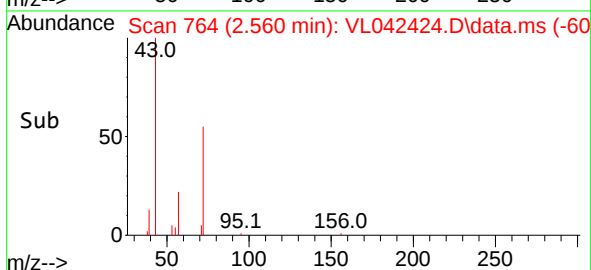
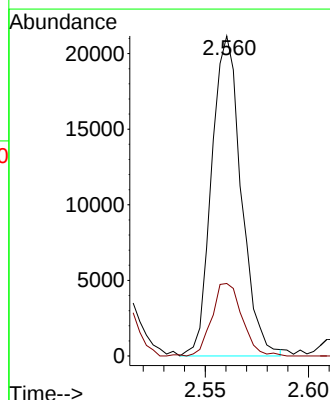
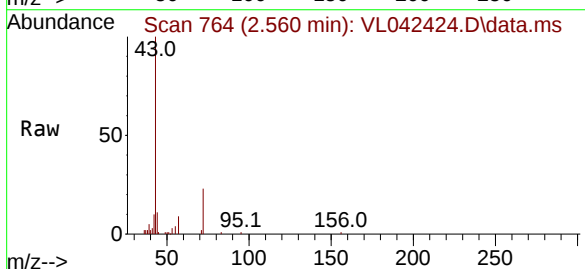
Acq: 28 Apr 2025 14:00

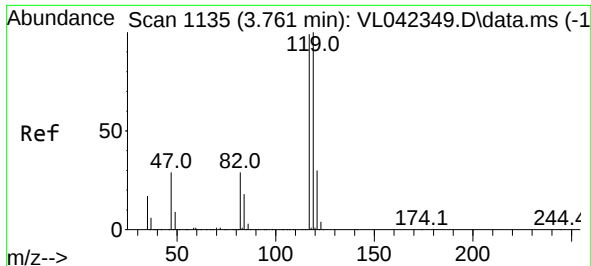
Tgt Ion: 43 Resp: 21181

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.2

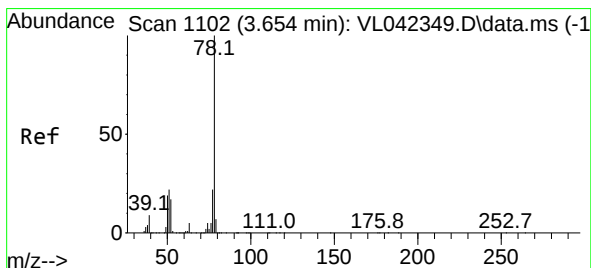
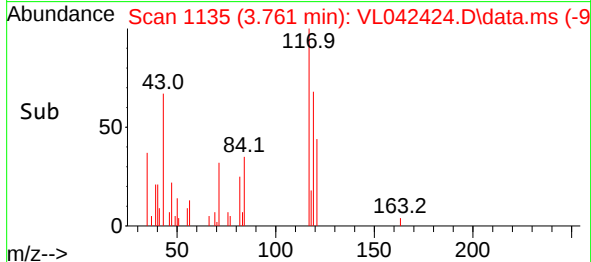
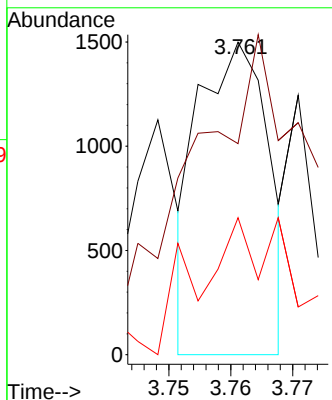
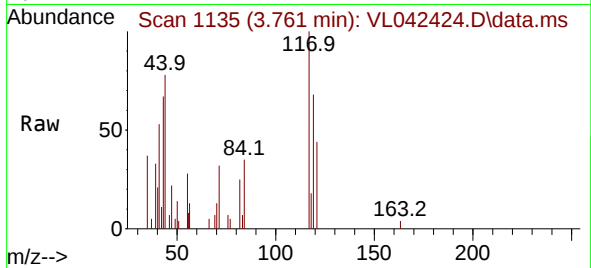




#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

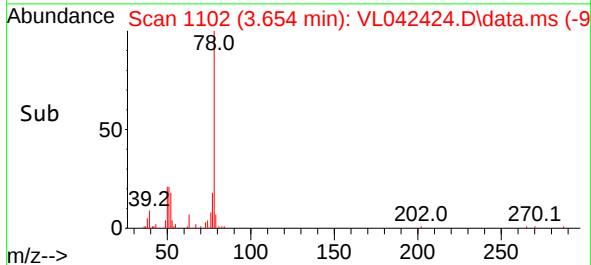
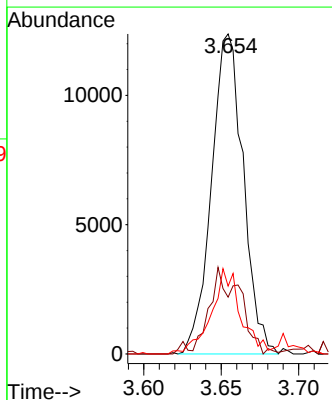
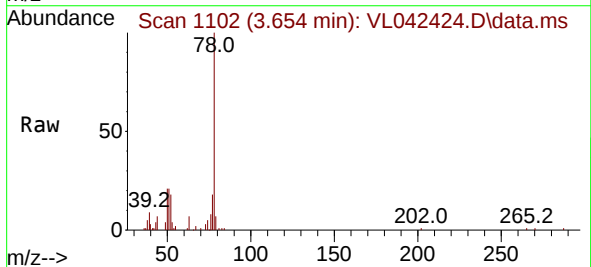
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

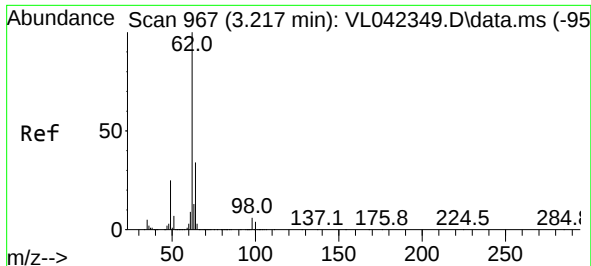
Tgt Ion:117 Resp: 1182
Ion Ratio Lower Upper
117 100
119 20.4 80.5 120.7#
121 15.2 24.2 36.2#



#36
Benzene
Concen: 0.433 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 78 Resp: 17661
Ion Ratio Lower Upper
78 100
77 17.3 17.4 26.0#
50 20.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.046 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042424.D

Acq: 28 Apr 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

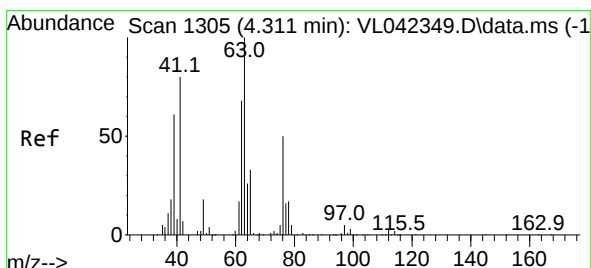
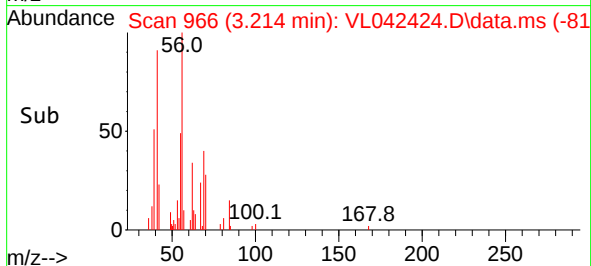
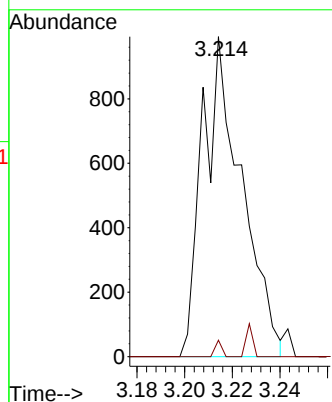
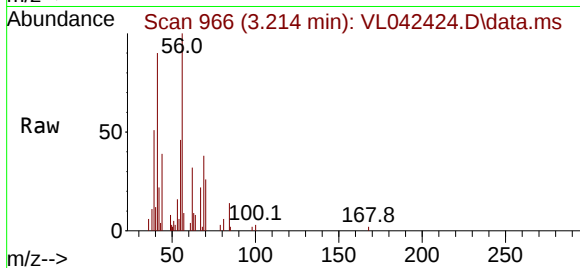
IA-B2-1-3242025

Tgt Ion: 62 Resp: 1133

Ion Ratio Lower Upper

62 100

98 1.1 5.1 7.7#



#39

1,2-Dichloropropane

Concen: 6.749 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.353 min

Lab File: VL042424.D

Acq: 28 Apr 2025 14:00

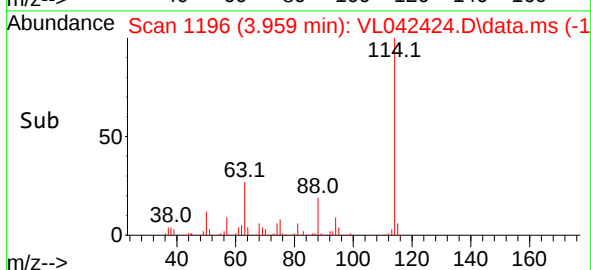
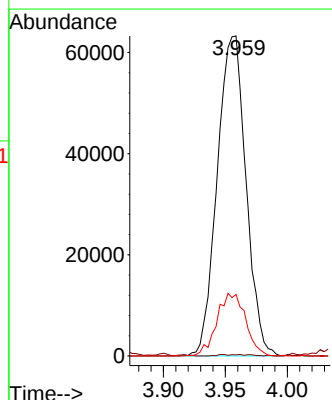
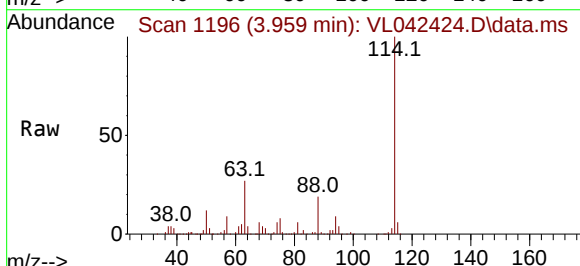
Tgt Ion: 63 Resp: 102487

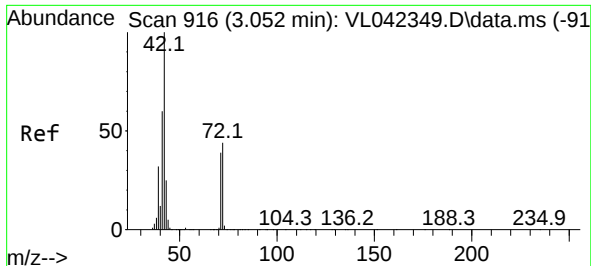
Ion Ratio Lower Upper

63 100

41 0.4 64.2 96.2#

62 19.2 54.3 81.5#





#41

Tetrahydrofuran

Concen: 0.056 ppbv

RT: 3.065 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL042424.D

Acq: 28 Apr 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-1-3242025

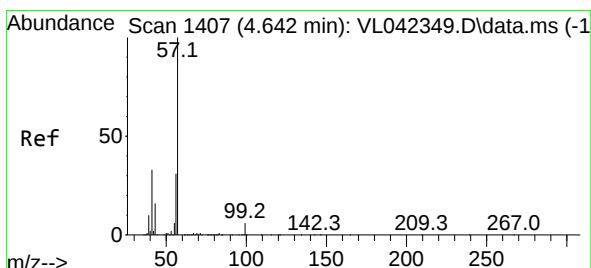
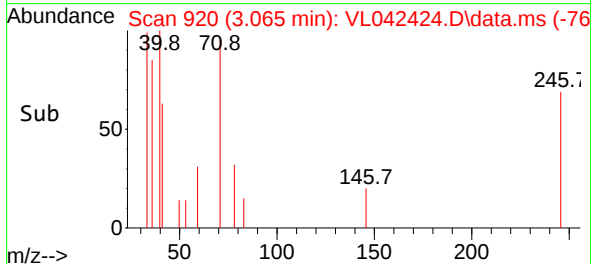
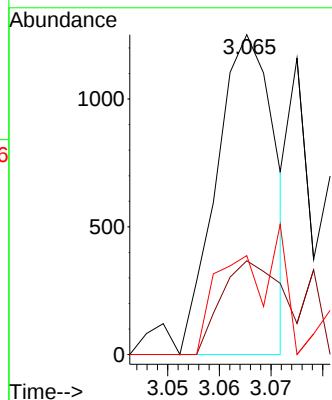
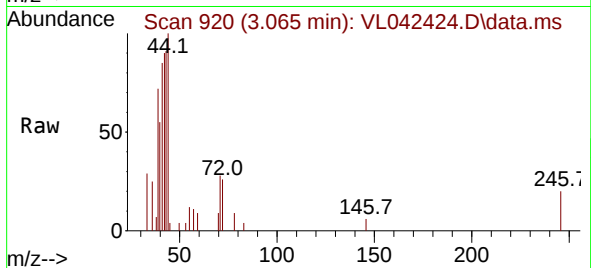
Tgt Ion: 42 Resp: 982

Ion Ratio Lower Upper

42 100

72 37.4 32.3 48.5

71 0.0 31.4 47.2#



#44

2,2,4-Trimethylpentane

Concen: 0.239 ppbv

RT: 4.632 min Scan# 1404

Delta R.T. -0.010 min

Lab File: VL042424.D

Acq: 28 Apr 2025 14:00

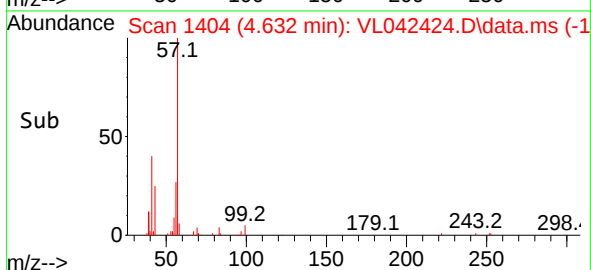
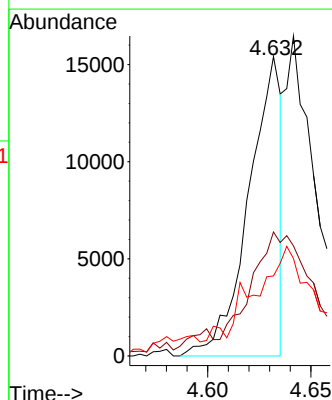
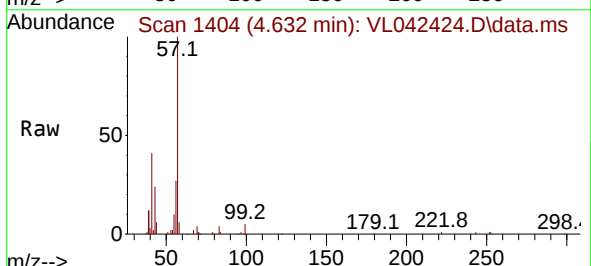
Tgt Ion: 57 Resp: 16799

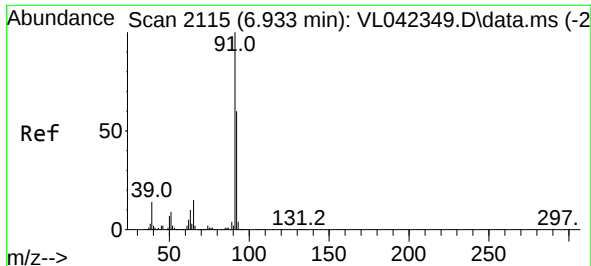
Ion Ratio Lower Upper

57 100

41 91.8 27.2 40.8#

56 0.0 25.7 38.5#

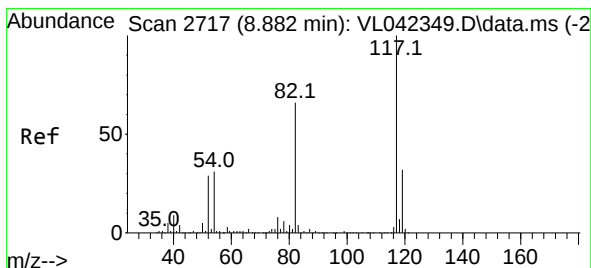
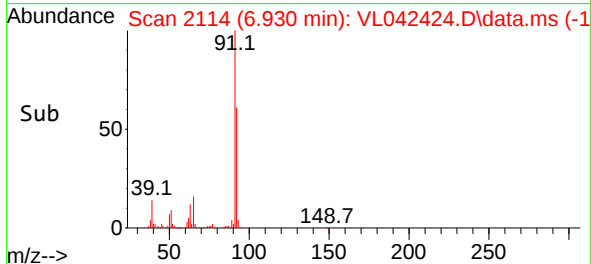
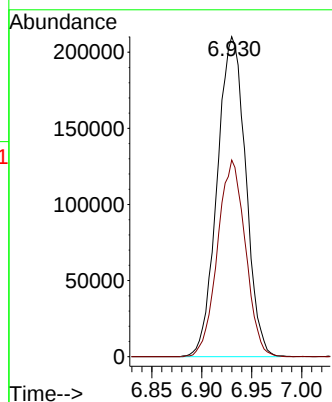
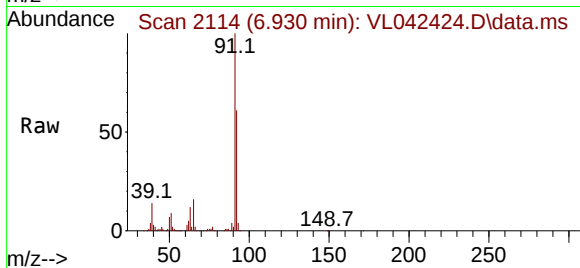




#53
Toluene
Concen: 8.542 ppbv
RT: 6.930 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

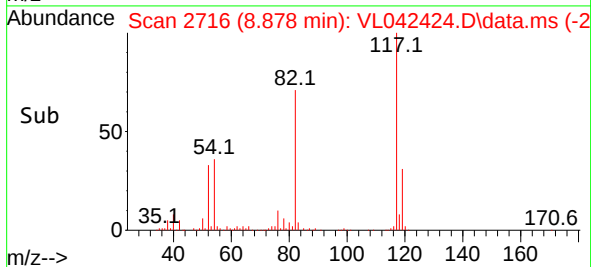
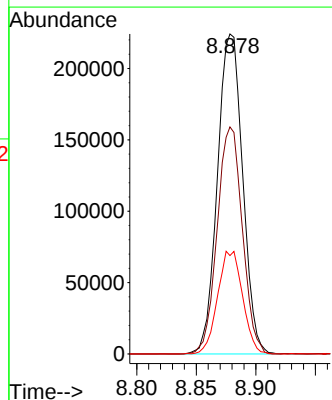
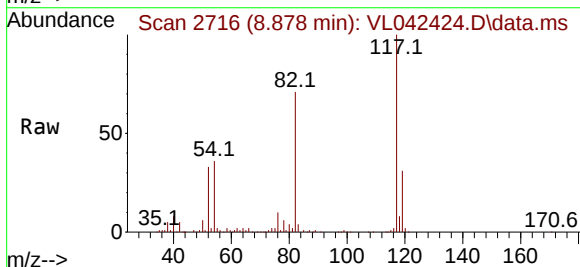
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

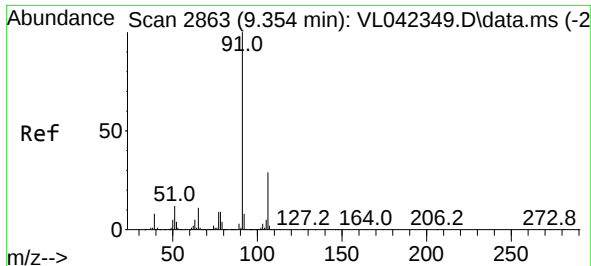
Tgt Ion: 91 Resp: 417734
Ion Ratio Lower Upper
91 100
92 60.0 48.2 72.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 117 Resp: 330143
Ion Ratio Lower Upper
117 100
82 70.7 57.8 86.6
119 31.8 25.2 37.8

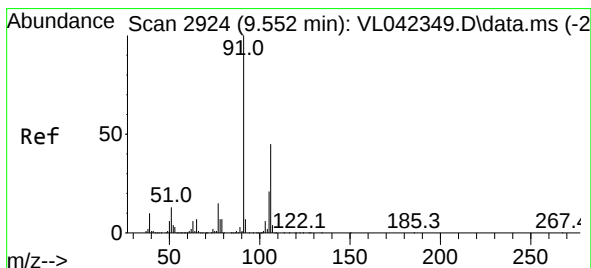
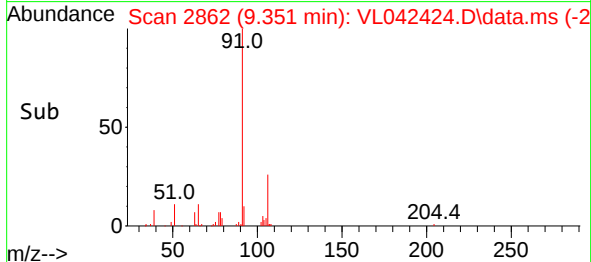
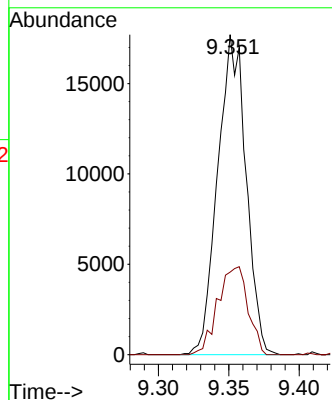
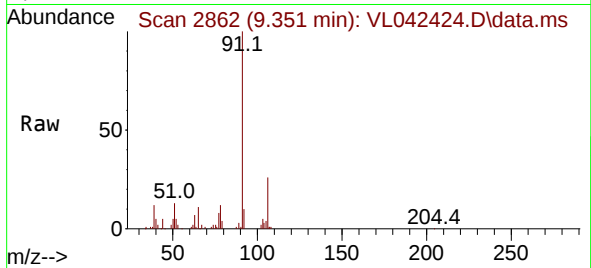




#58
Ethyl Benzene
Concen: 0.379 ppbv
RT: 9.351 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

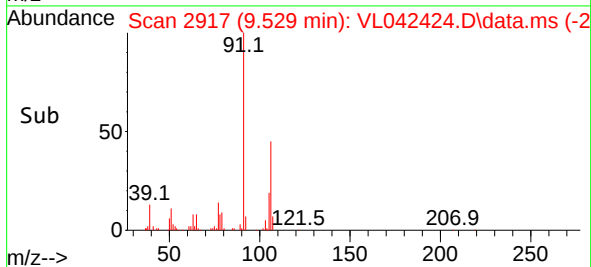
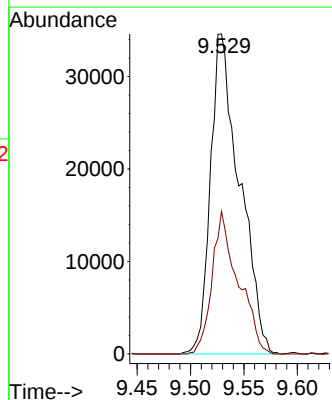
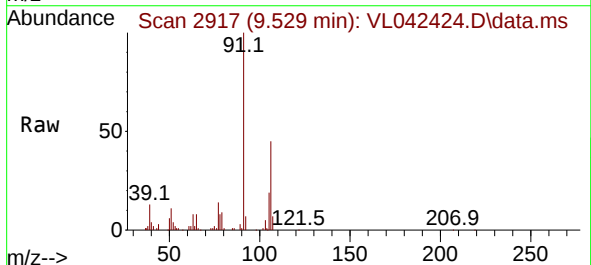
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

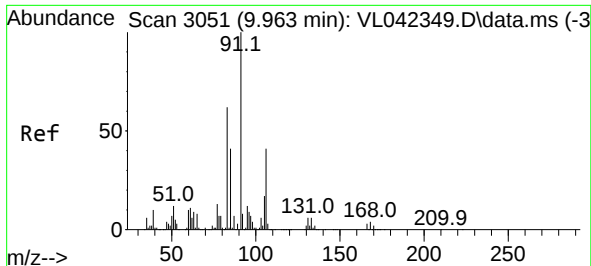
Tgt Ion: 91 Resp: 24772
Ion Ratio Lower Upper
91 100
106 25.8 23.0 34.4



#59
m/p-Xylene
Concen: 1.246 ppbv
RT: 9.529 min Scan# 2917
Delta R.T. -0.023 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 91 Resp: 65650
Ion Ratio Lower Upper
91 100
106 40.1 35.4 53.2

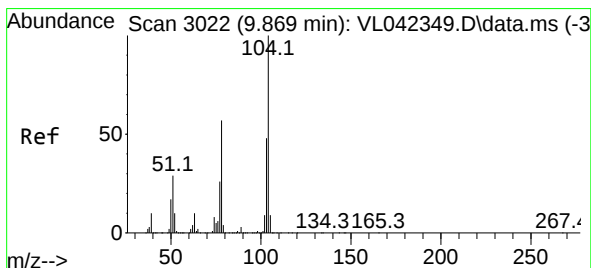
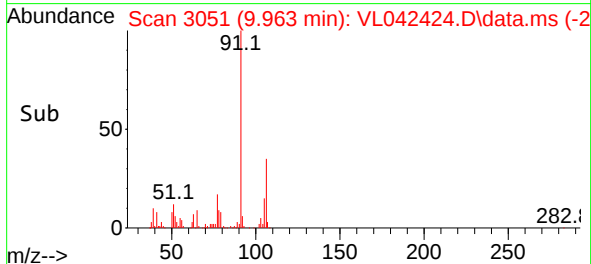
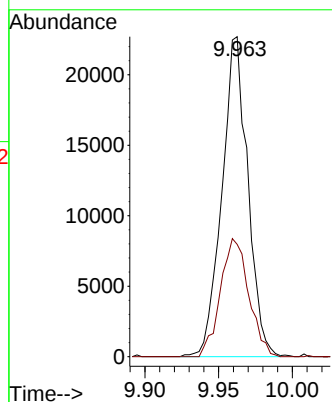
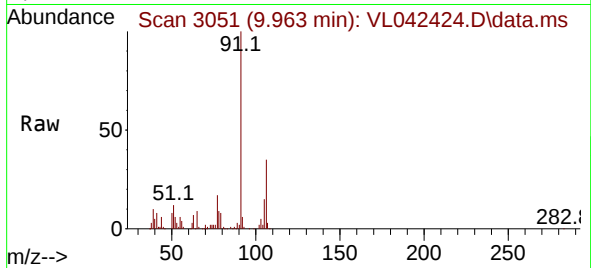




#60
o-Xylene
Concen: 0.522 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

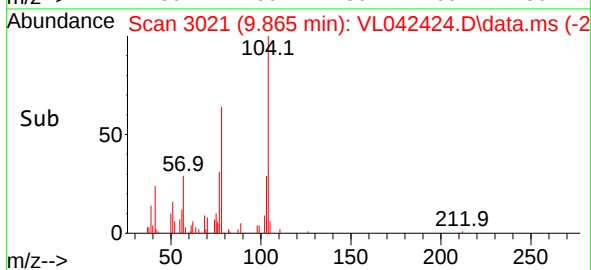
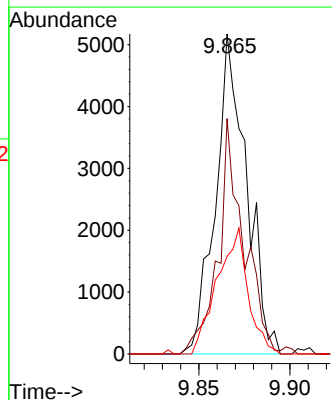
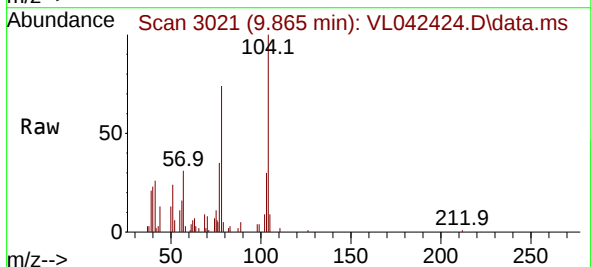
Instrument :
MSVOA_1
ClientSampleId :
IA-B2-1-3242025

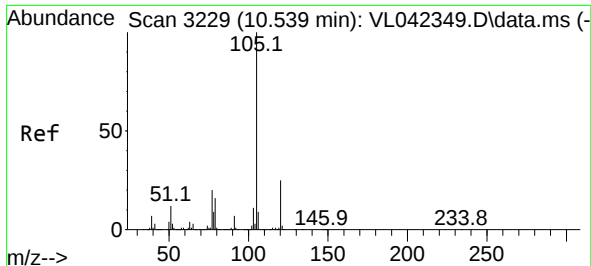
Tgt Ion: 91 Resp: 27701
Ion Ratio Lower Upper
91 100
106 40.5 21.1 63.4



#61
Styrene
Concen: 0.242 ppbv
RT: 9.865 min Scan# 3021
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 104 Resp: 6130
Ion Ratio Lower Upper
104 100
78 61.0 44.6 66.8
103 39.2 37.4 56.0

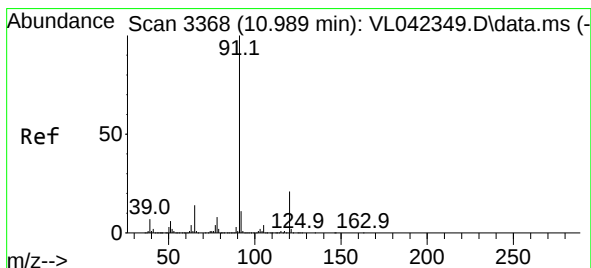
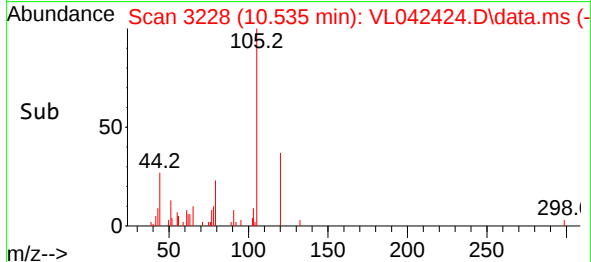
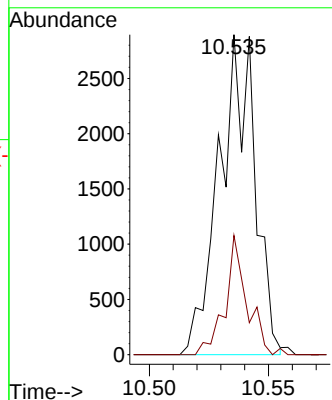
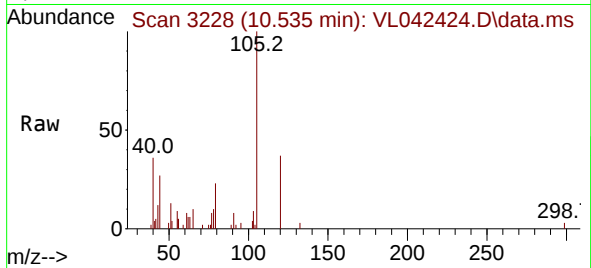




#62
Isopropylbenzene
Concen: 0.039 ppbv
RT: 10.535 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

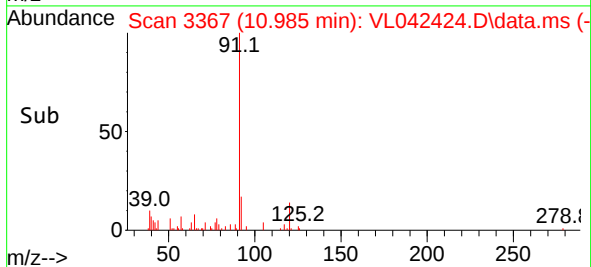
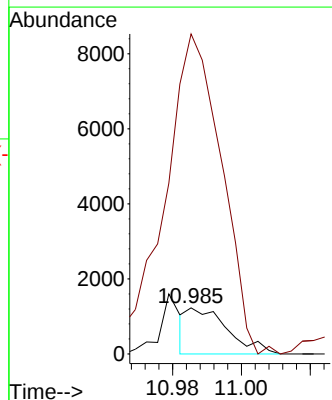
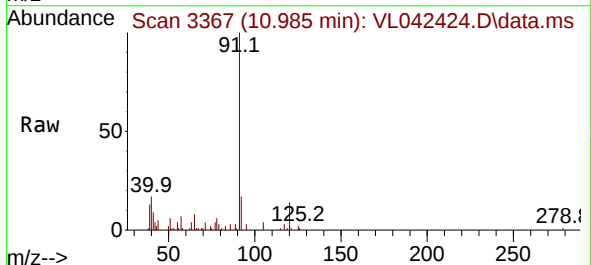
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

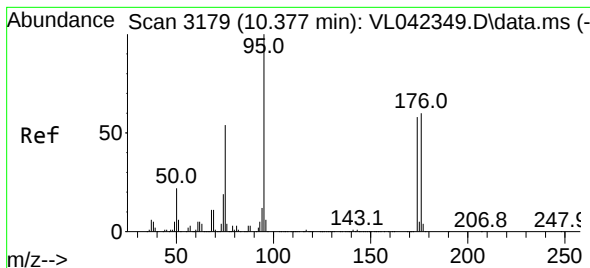
Tgt Ion:105 Resp: 3004
Ion Ratio Lower Upper
105 100
120 22.8 19.8 29.8



#64
n-propylbenzene
Concen: 0.052 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion:120 Resp: 1011
Ion Ratio Lower Upper
120 100
91 1017.2 392.4 588.6#

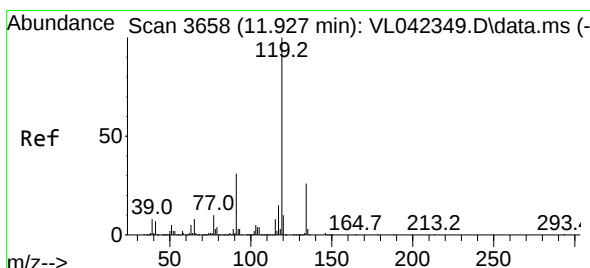
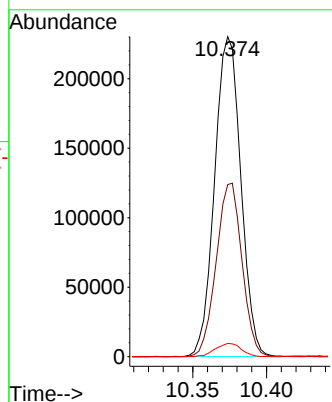
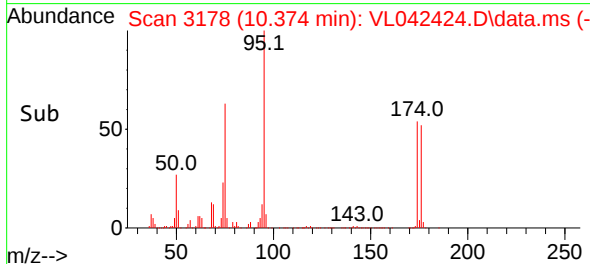
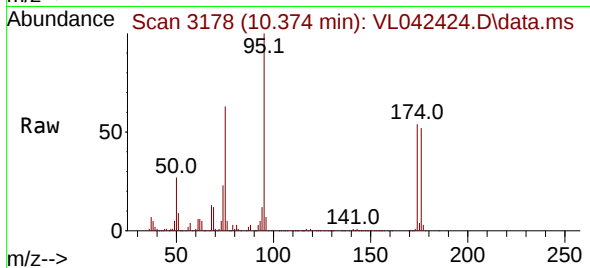




#68
1-Bromo-4-Fluorobenzene
Concen: 10.483 ppbv
RT: 10.374 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

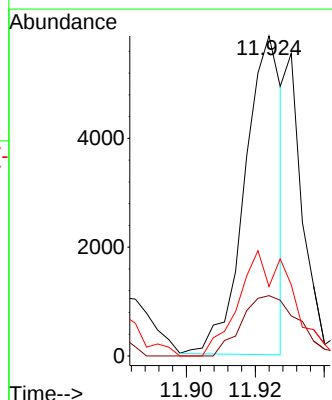
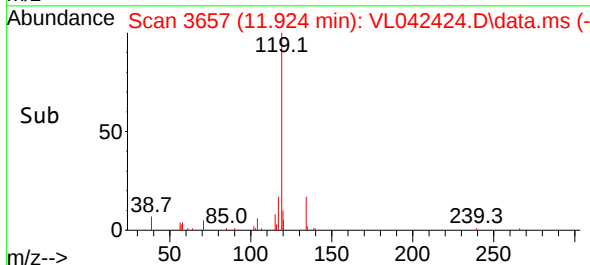
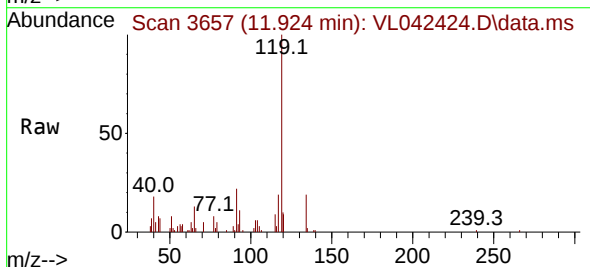
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

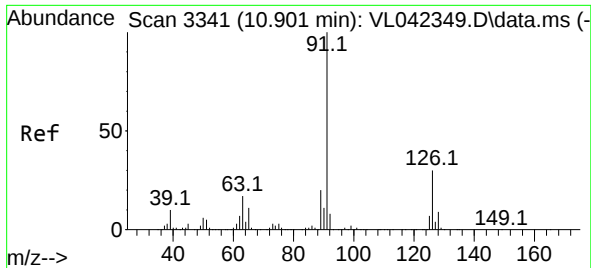
Tgt Ion: 95 Resp: 284407
Ion Ratio Lower Upper
95 100
174 53.4 48.5 72.7
175 4.1 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.050 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion: 119 Resp: 4355
Ion Ratio Lower Upper
119 100
134 29.1 20.0 30.0
91 50.5 24.4 36.6#

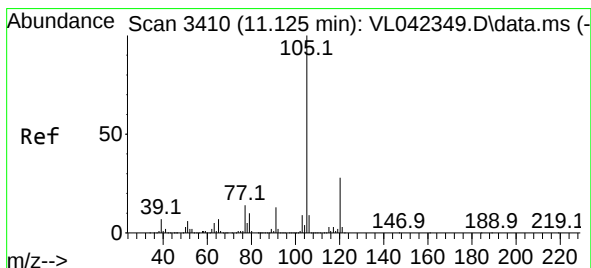
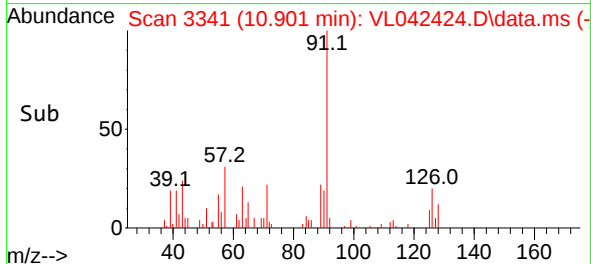
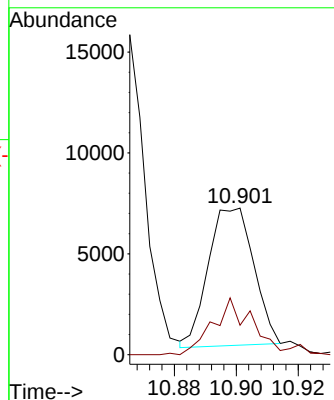
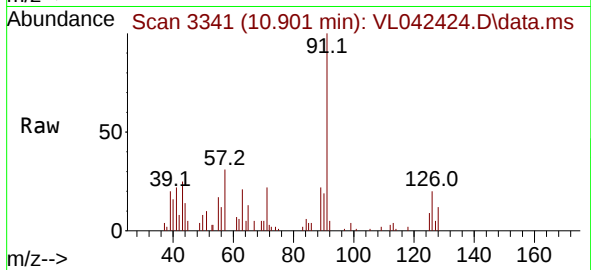




#71
2-Chlorotoluene
Concen: 0.114 ppbv
RT: 10.901 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

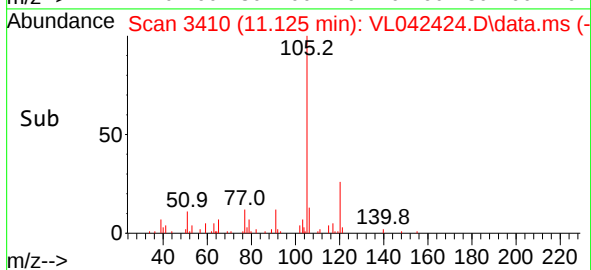
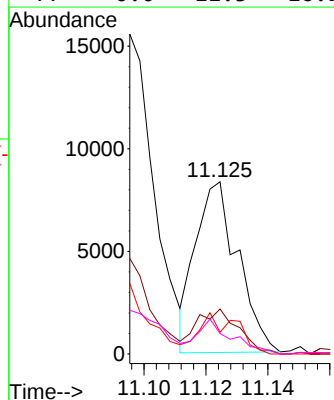
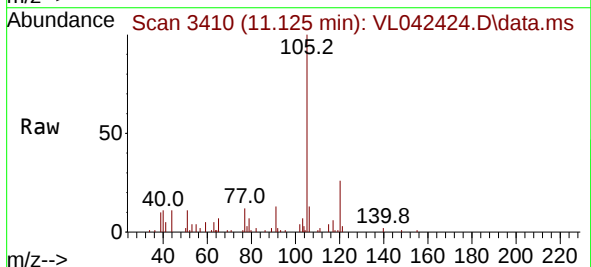
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

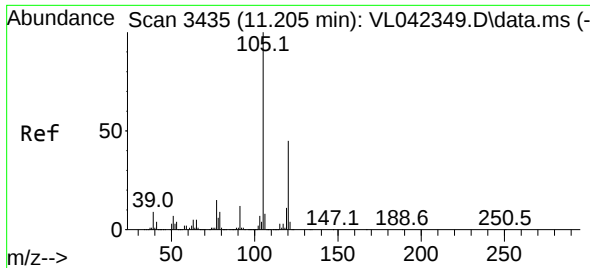
Tgt Ion: 91 Resp: 6948
Ion Ratio Lower Upper
91 100
126 37.9 11.4 45.4



#72
4-Ethyltoluene
Concen: 0.121 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion:105 Resp: 7865
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#

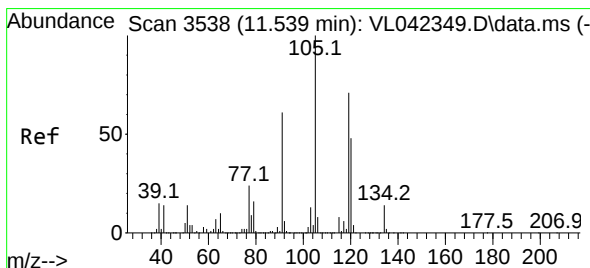
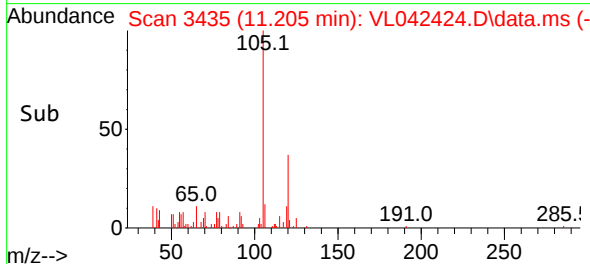
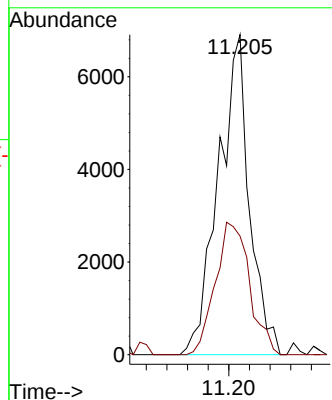
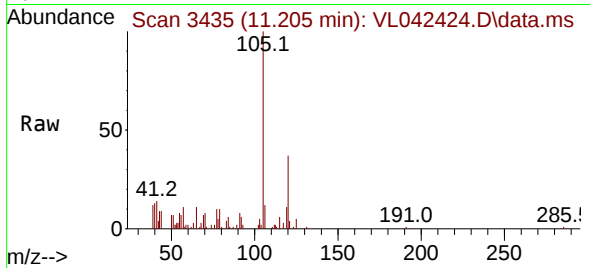




#73
1,3,5-Trimethylbenzene
Concen: 0.125 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. 0.000 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-3242025

Tgt Ion:105 Resp: 7185
Ion Ratio Lower Upper
105 100
120 41.4 35.6 53.4



#74
1,2,4-Trimethylbenzene
Concen: 0.265 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VL042424.D
Acq: 28 Apr 2025 14:00

Tgt Ion:105 Resp: 17740
Ion Ratio Lower Upper
105 100
120 52.3 38.1 57.1
91 16.4 48.8 73.2#
77 16.1 19.0 28.4#

