

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042957.D
 Acq On : 22 Sep 2025 14:15
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL092225

Quant Time: Sep 23 02:49:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	159826	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	493072	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	450930	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	338071	10.043	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	197861	9.204	ppbv	98
3) Chlorodifluoromethane	1.476	51	246838	9.213	ppbv	99
4) Chloromethane	1.535	50	85932	8.831	ppbv	100
5) Vinyl Chloride	1.580	62	74819	8.506	ppbv	98
6) Bromomethane	1.667	94	26463	8.529	ppbv	91
7) Chloroethane	1.706	64	30377	8.894	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	164255	8.951	ppbv	98
9) Propene	1.483	41	105822	9.079	ppbv	95
10) Heptane	4.982	43	284333	9.141	ppbv	99
11) Trichlorofluoromethane	1.878	101	189800	9.157	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	151398	9.020	ppbv	99
13) Ethanol	1.722	45	6606	5.842	ppbv	90
14) Bromoethene	1.781	108	55748	8.785	ppbv	98
15) Acetone	1.836	43	157306	7.557	ppbv	98
16) 1,3-Butadiene	1.609	39	80854	8.234	ppbv	98
17) tert-Butyl alcohol	2.040	59	206466	9.043	ppbv	100
18) 1,1-Dichloroethene	2.036	96	69181	8.904	ppbv	94
19) Isopropyl Alcohol	1.884	45	108171	8.644	ppbv	100
20) Methylene Chloride	2.062	84	61743	9.945	ppbv	98
21) Allyl Chloride	2.098	41	132878	9.166	ppbv	100
22) trans-1,2-Dichloroethene	2.341	96	78085	8.845	ppbv	98
23) Vinyl Acetate	2.464	43	280339	9.427	ppbv	99
24) 1,1-Dichloroethane	2.409	63	155861	9.003	ppbv	100
25) Ethyl Acetate	2.833	43	486993	9.256	ppbv	99
26) Hexane	2.826	57	216458	9.026	ppbv	99
27) Carbon Disulfide	2.150	76	196191	9.121	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	121564	9.752	ppbv	95
29) Chloroform	2.849	83	300507	9.583	ppbv	100
30) Cyclohexane	3.855	84	186186	9.286	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	213362	9.497	ppbv	99
32) 1,1,1-Trichloroethane	3.370	97	307237	9.071	ppbv	100
34) 2-Butanone	2.558	43	313801	9.081	ppbv	100
35) Carbon Tetrachloride	3.762	117	304293	9.479	ppbv	97
36) Benzene	3.655	78	435981	9.416	ppbv	98
37) 1,2-Dichloroethane	3.218	62	233305	9.581	ppbv	99
38) Trichloroethene	4.548	130	205431	8.927	ppbv	95
39) 1,2-Dichloropropane	4.312	63	160275	9.482	ppbv	95
40) 1,4-Dioxane	4.577	88	69659	8.863	ppbv #	95
41) Tetrahydrofuran	3.053	42	184258	9.277	ppbv	100
42) Bromodichloromethane	4.490	83	329680	9.721	ppbv	99
43) Methyl Methacrylate	4.878	69	172867	9.125	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	738876	9.239	ppbv	99
45) t-1,3-Dichloropropene	6.416	75	188332	9.321	ppbv	97

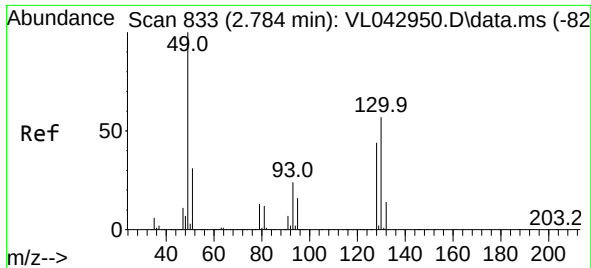
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
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Quant Time: Sep 23 02:49:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	244367	9.490	ppbv	99
47) 1,1,2-Trichloroethane	6.577	97	165721	9.279	ppbv	97
48) Dibromochloromethane	7.387	129	278090	9.732	ppbv	99
49) Bromoform	9.484	173	238337	9.589	ppbv	99
50) 4-Methyl-2-Pentanone	5.746	43	435845	9.411	ppbv	99
51) 2-Hexanone	7.435	43	352962	9.561	ppbv	100
52) Tetrachloroethene	8.225	164	155469	8.678	ppbv	98
53) Toluene	6.933	91	509968	9.306	ppbv	99
54) 1,2-Dibromoethane	7.652	107	237604	9.452	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.924	131	205811	9.536	ppbv	99
57) Chlorobenzene	8.924	112	379110	9.209	ppbv	99
58) Ethyl Benzene	9.354	91	698086	9.428	ppbv	100
59) m/p-Xylene	9.532	91	568845	9.744	ppbv #	100
60) o-Xylene	9.966	91	538861	9.236	ppbv	99
61) Styrene	9.872	104	264257	9.575	ppbv	99
62) Isopropylbenzene	10.539	105	802723	9.230	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	272416	8.883	ppbv	100
64) n-propylbenzene	10.989	120	214374	9.433	ppbv	99
65) tert-Butylbenzene	11.533	119	711319	9.196	ppbv	99
66) Benzyl Chloride	11.617	91	71896	8.858	ppbv	99
67) sec-Butylbenzene	11.769	105	995407	9.235	ppbv	99
69) p-Isopropyltoluene	11.928	119	848196	9.316	ppbv	99
70) n-Butylbenzene	12.280	91	834882	9.392	ppbv	100
71) 2-Chlorotoluene	10.902	91	611697	9.315	ppbv	100
72) 4-Ethyltoluene	11.125	105	686229	9.391	ppbv	100
73) 1,3,5-Trimethylbenzene	11.203	105	567874	9.582	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	607159	9.277	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	380822	9.382	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	380109	9.429	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	359995	9.322	ppbv	100
78) Hexachloro-1,3-Butadiene	13.883	225	249142	8.248	ppbv	100
79) Naphthalene	13.514	128	590759	10.208	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	173023	9.678	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	304647	9.845	ppbv	98

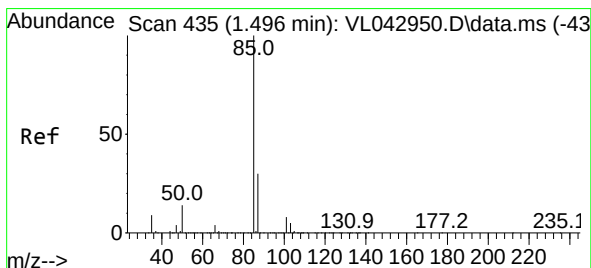
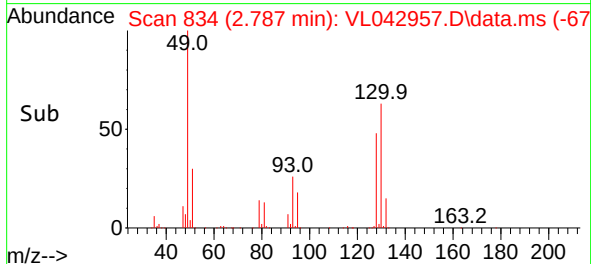
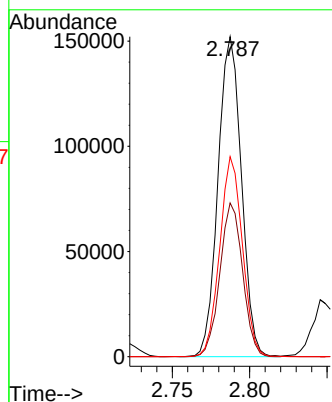
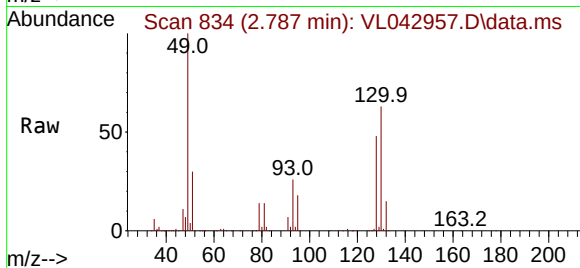
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

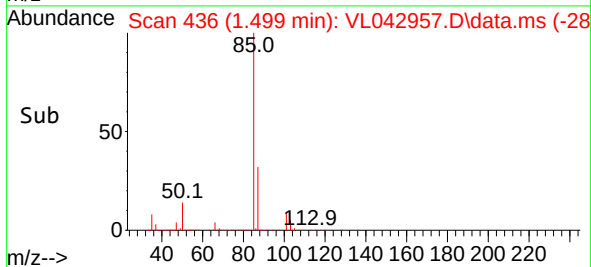
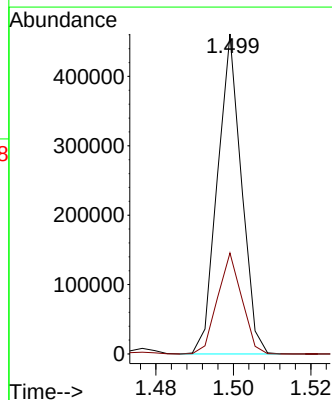
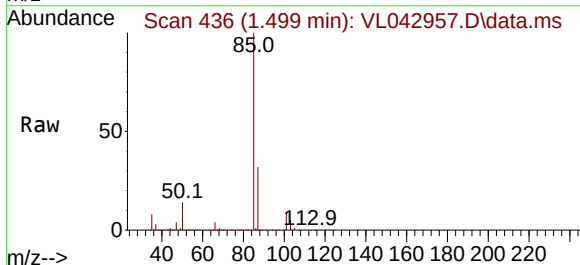
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

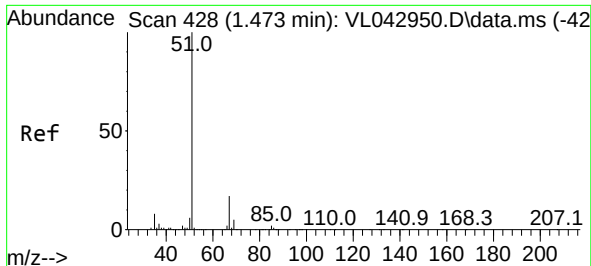
Tgt Ion: 49 Resp: 159826
Ion Ratio Lower Upper
49 100
128 46.7 22.9 68.8
130 60.6 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 9.204 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 85 Resp: 197861
Ion Ratio Lower Upper
85 100
87 31.6 24.3 36.5

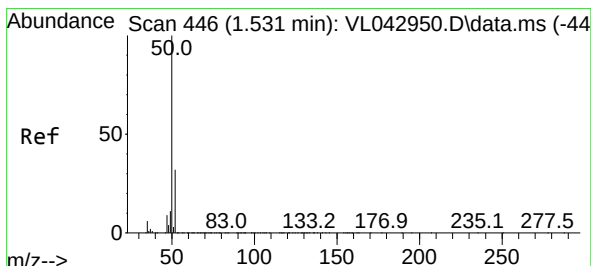
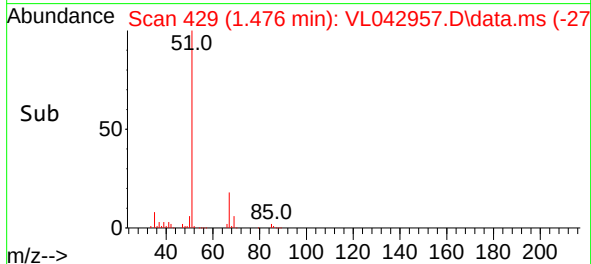
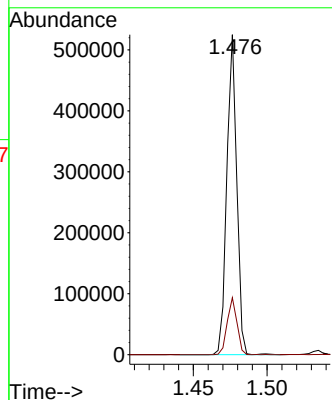
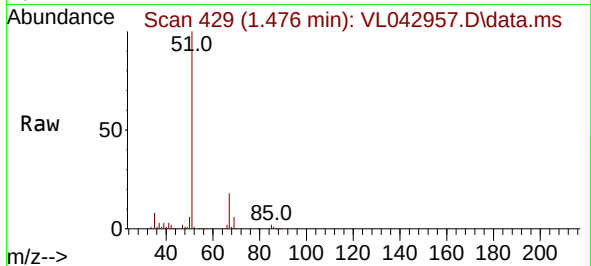




#3
Chlorodifluoromethane
Concen: 9.213 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

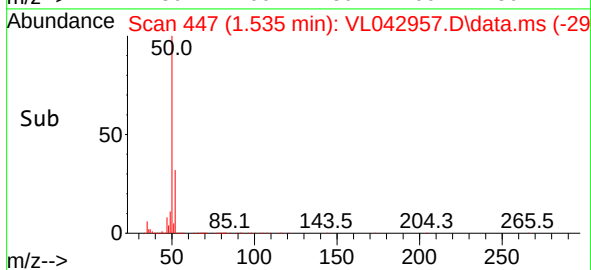
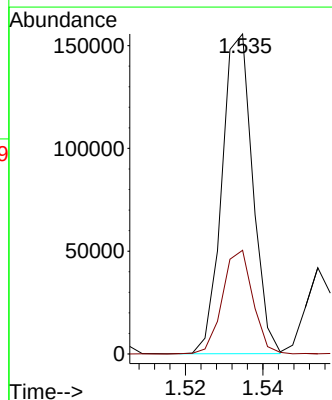
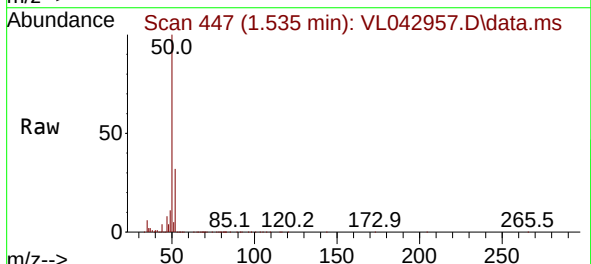
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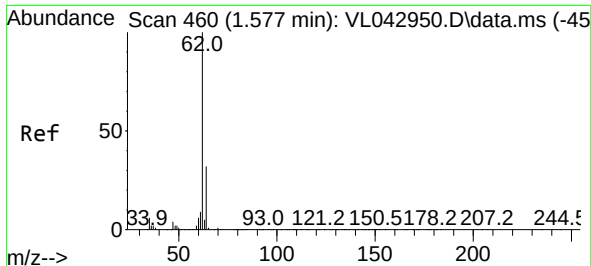
Tgt Ion: 51 Resp: 246838
Ion Ratio Lower Upper
51 100
67 17.6 13.8 20.8



#4
Chloromethane
Concen: 8.831 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 50 Resp: 85932
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

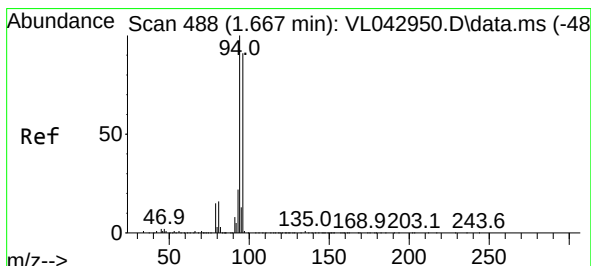
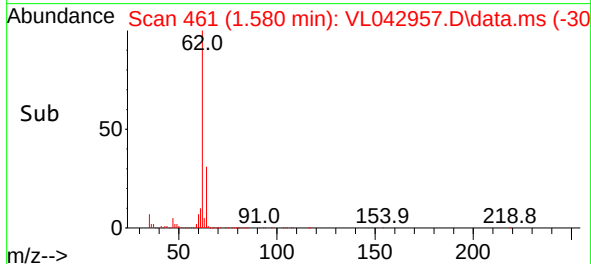
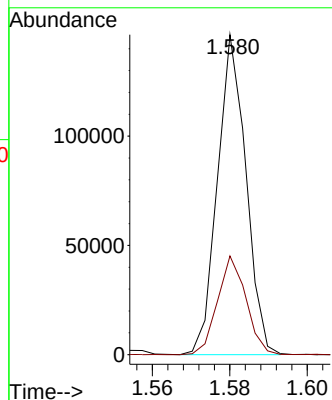
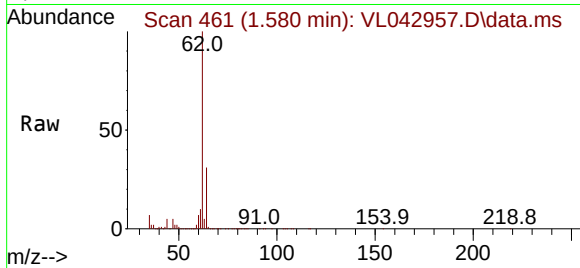




#5
 Vinyl Chloride
 Concen: 8.506 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

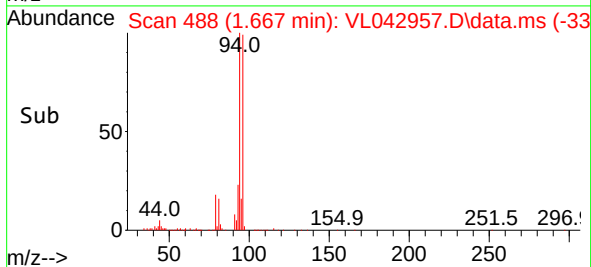
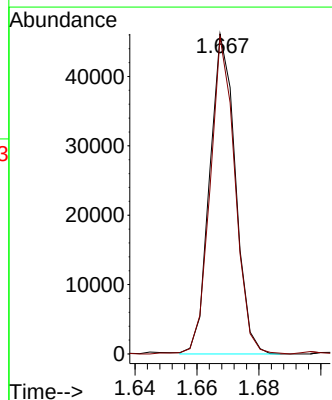
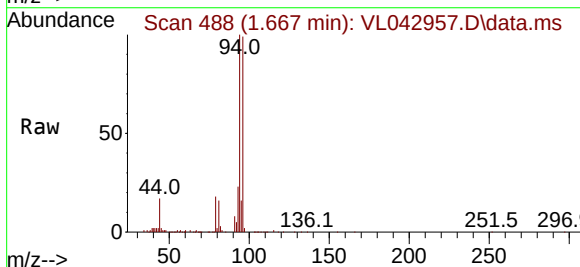
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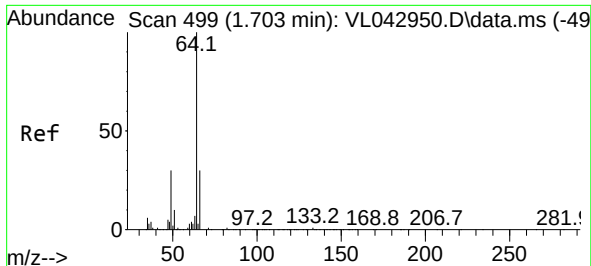
Tgt Ion: 62 Resp: 74819
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.4 38.2



#6
 Bromomethane
 Concen: 8.529 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Tgt Ion: 94 Resp: 26463
 Ion Ratio Lower Upper
 94 100
 96 98.8 72.6 108.8

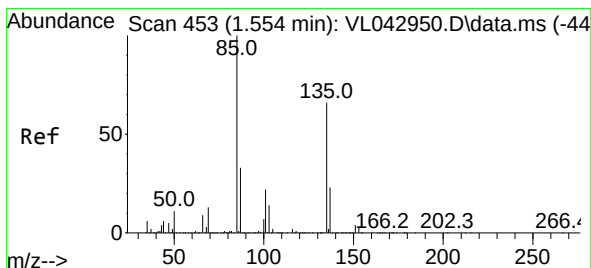
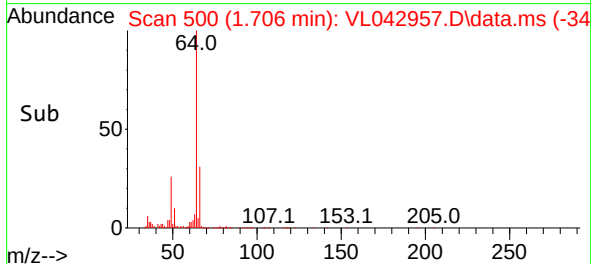
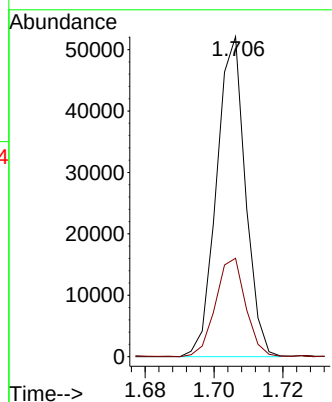
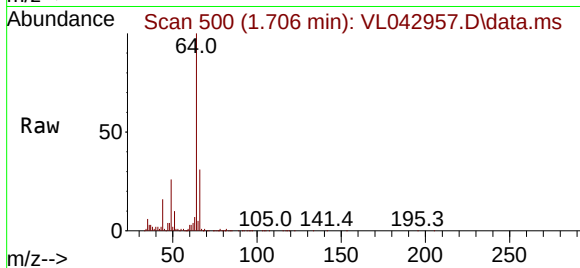




#7
Chloroethane
Concen: 8.894 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

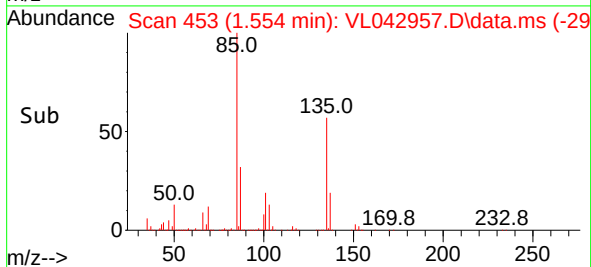
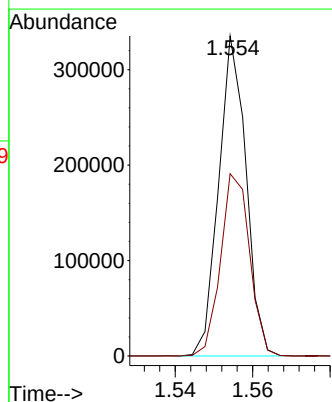
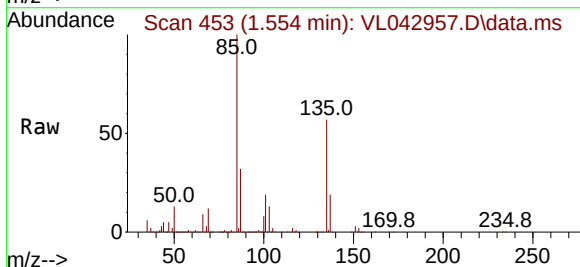
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ClientSampleId :
ICVVL092225

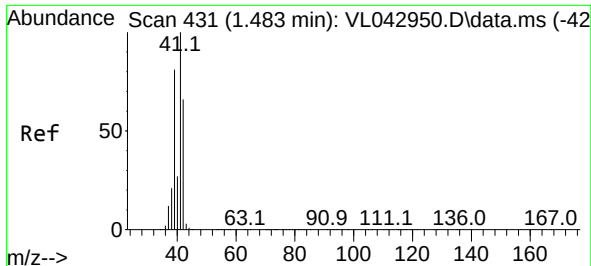
Tgt Ion: 64 Resp: 30377
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8



#8
Dichlorotetrafluoroethane
Concen: 8.951 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 85 Resp: 164255
Ion Ratio Lower Upper
85 100
135 60.7 49.7 74.5





#9

Propene

Concen: 9.079 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

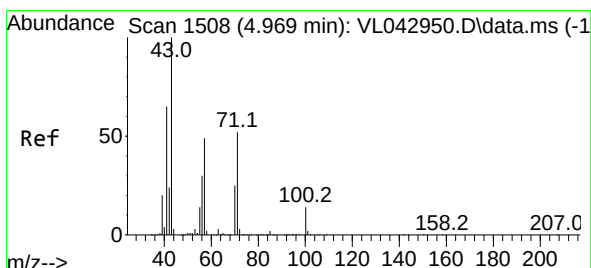
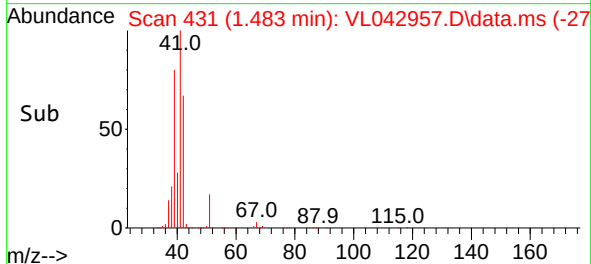
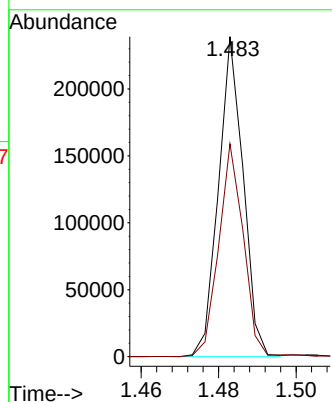
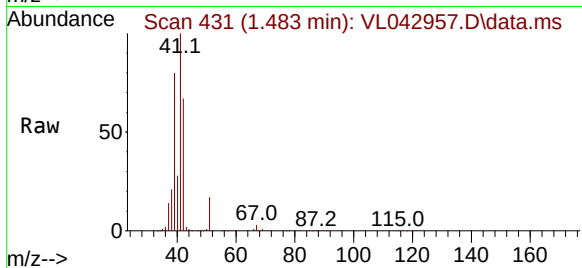
ICVVL092225

Tgt Ion: 41 Resp: 105822

Ion Ratio Lower Upper

41 100

42 67.4 57.4 86.2



#10

Heptane

Concen: 9.141 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.013 min

Lab File: VL042957.D

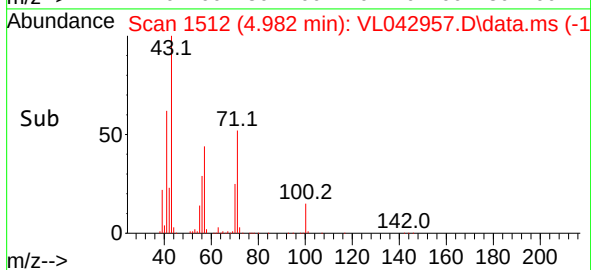
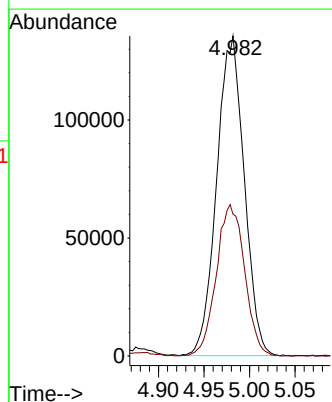
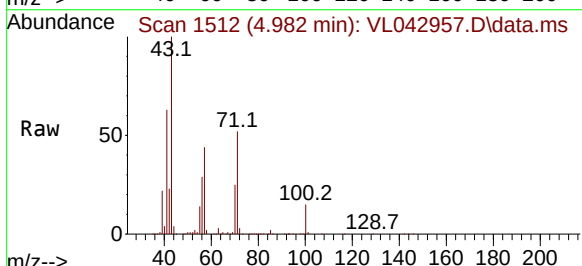
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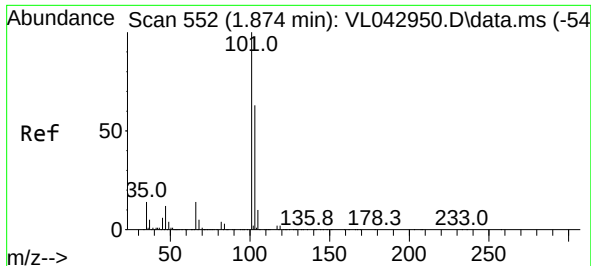
Tgt Ion: 43 Resp: 284333

Ion Ratio Lower Upper

43 100

57 48.7 38.6 57.8

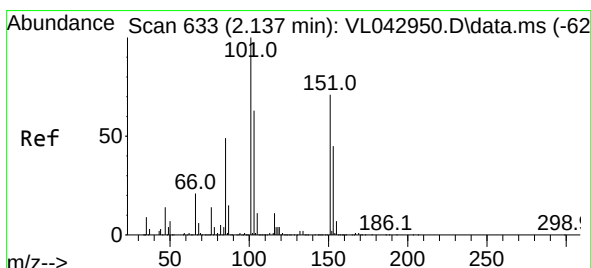
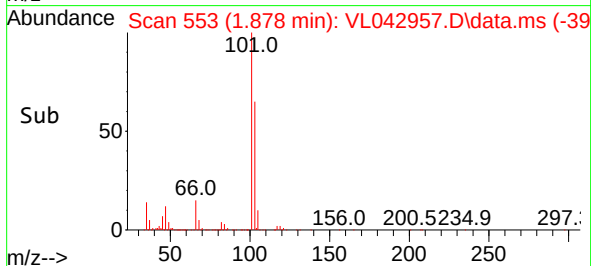
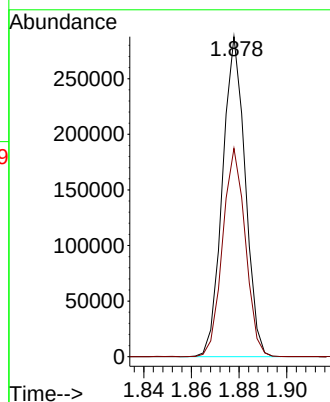
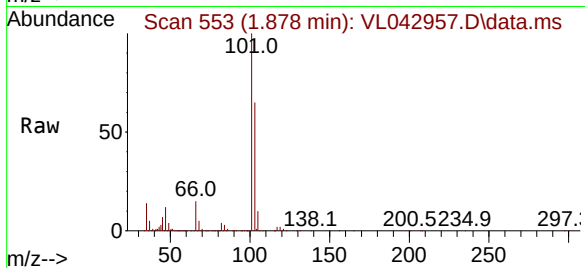




#11
 Trichlorofluoromethane
 Concen: 9.157 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

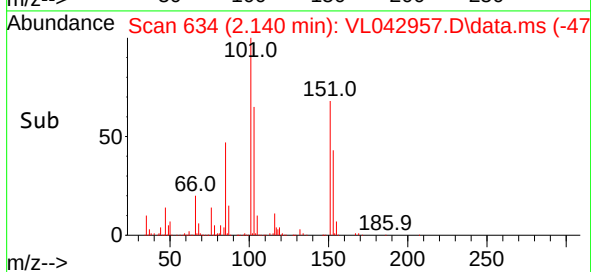
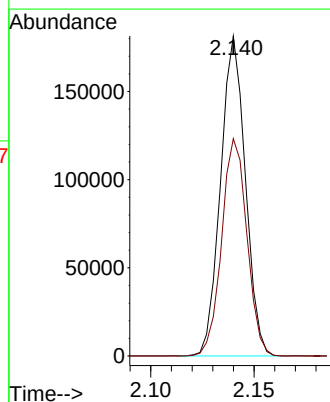
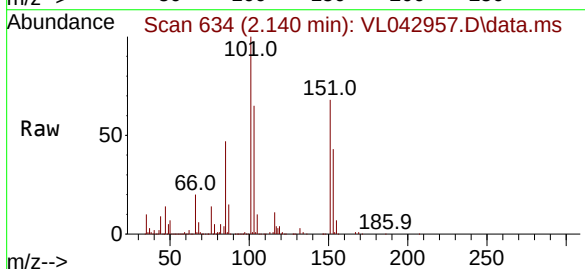
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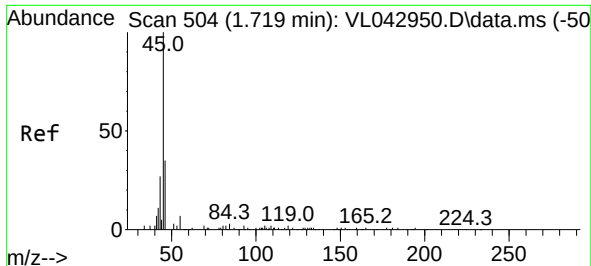
Tgt Ion:101 Resp: 189800
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.020 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Tgt Ion:101 Resp: 151398
 Ion Ratio Lower Upper
 101 100
 151 69.1 55.7 83.5





#13

Ethanol

Concen: 5.842 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

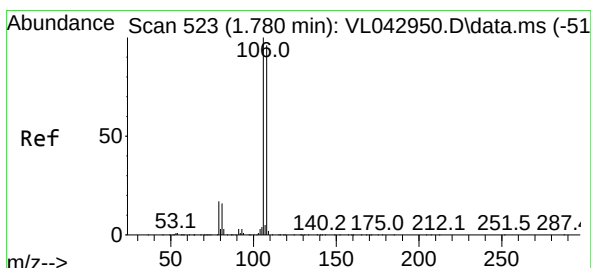
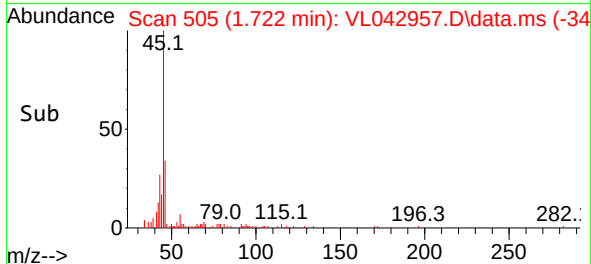
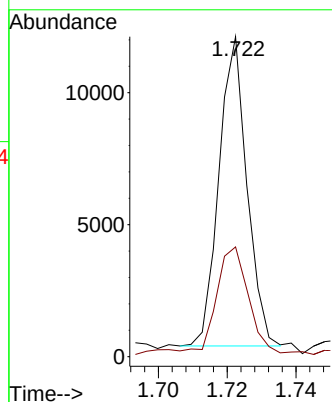
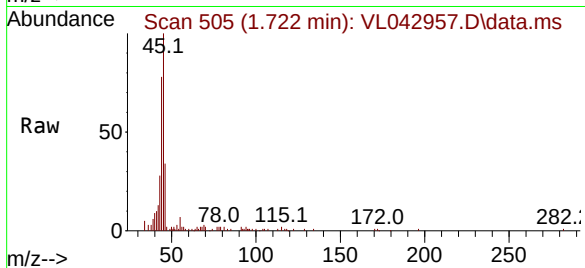
ICVVL092225

Tgt Ion: 45 Resp: 6606

Ion Ratio Lower Upper

45 100

46 46.7 16.2 64.6



#14

Bromoethene

Concen: 8.785 ppbv

RT: 1.781 min Scan# 523

Delta R.T. 0.000 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

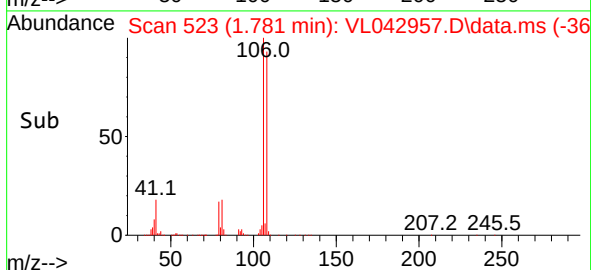
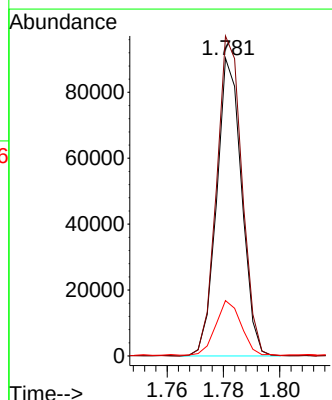
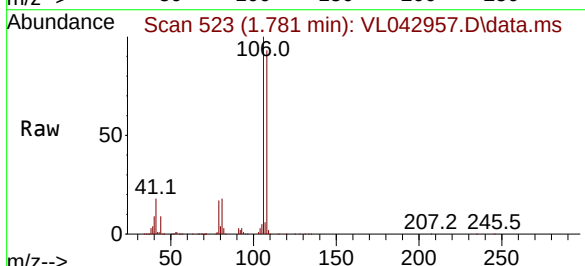
Tgt Ion: 108 Resp: 55748

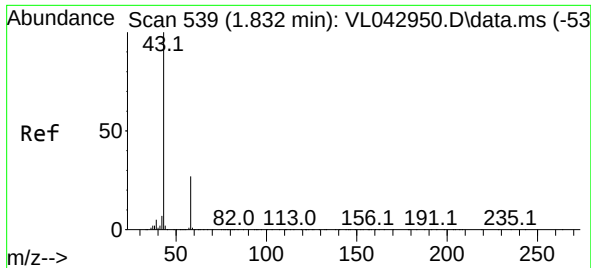
Ion Ratio Lower Upper

108 100

106 109.3 86.0 129.0

79 19.7 14.2 21.2





#15

Acetone

Concen: 7.557 ppbv

RT: 1.836 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

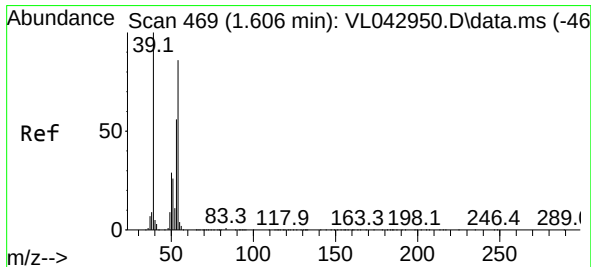
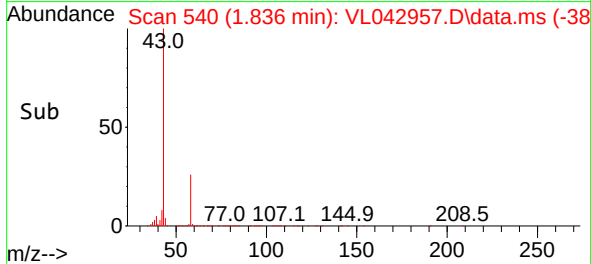
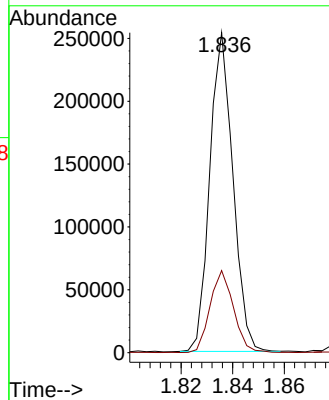
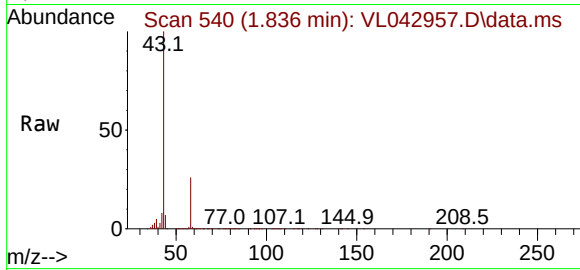
ICVVL092225

Tgt Ion: 43 Resp: 157306

Ion Ratio Lower Upper

43 100

58 26.7 22.3 33.5



#16

1,3-Butadiene

Concen: 8.234 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL042957.D

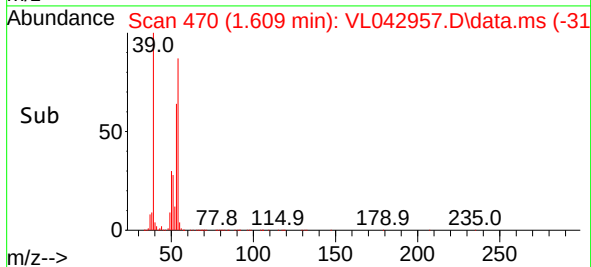
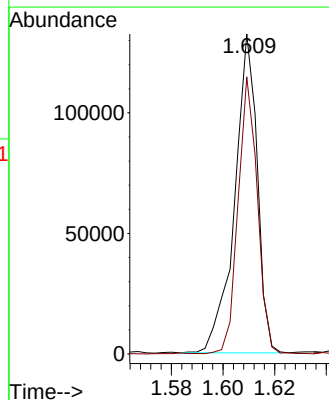
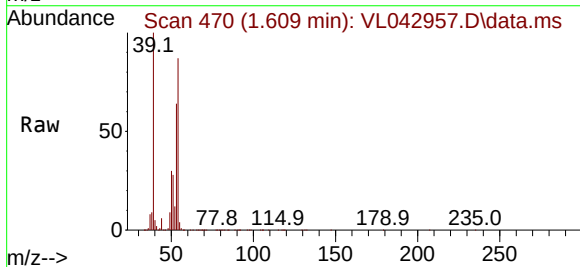
Acq: 22 Sep 2025 14:15

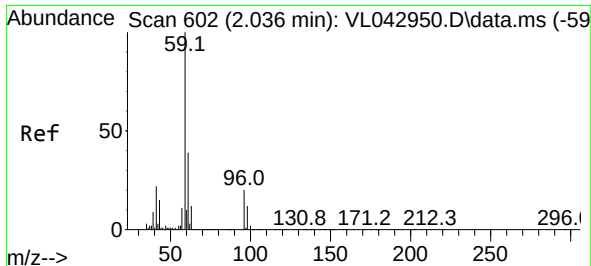
Tgt Ion: 39 Resp: 80854

Ion Ratio Lower Upper

39 100

54 74.7 60.8 91.2





#17

tert-Butyl alcohol

Concen: 9.043 ppbv

RT: 2.040 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_1

ClientSampleId :

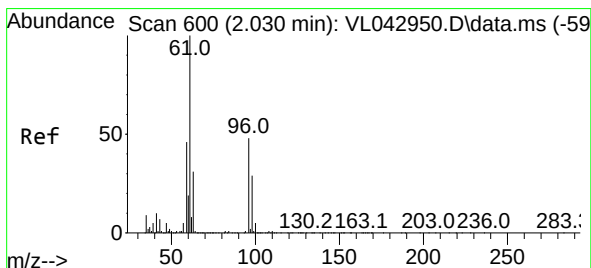
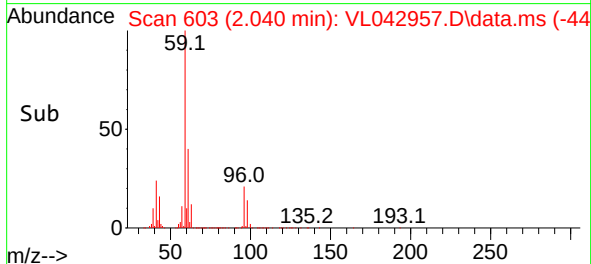
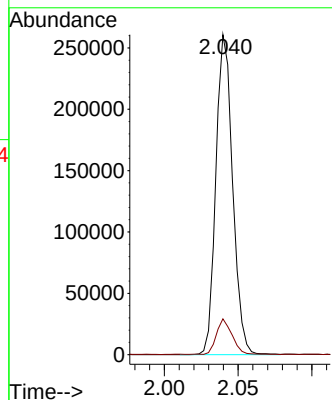
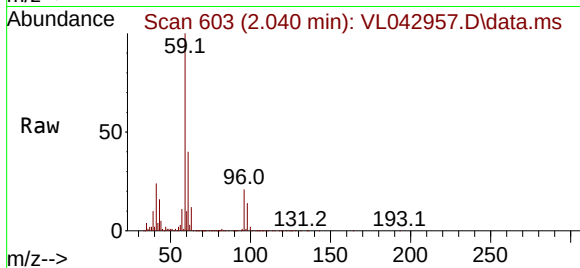
ICVVL092225

Tgt Ion: 59 Resp: 206466

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.904 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

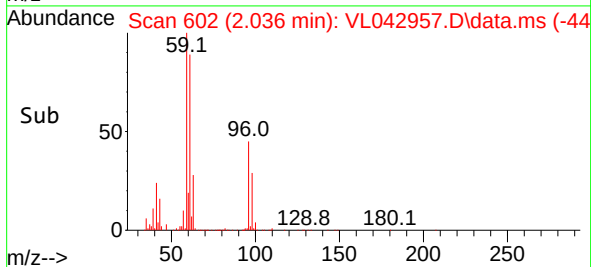
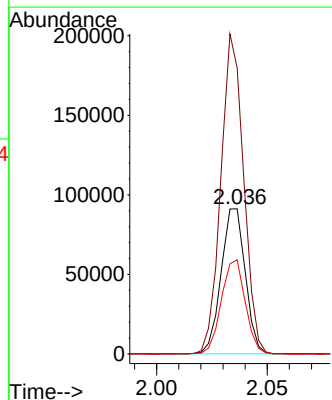
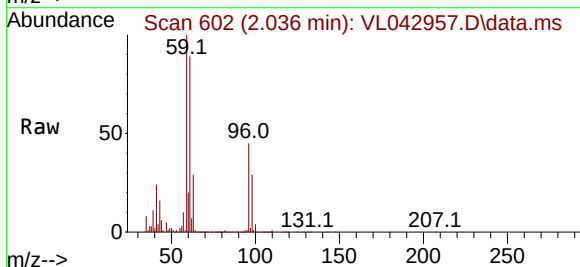
Tgt Ion: 96 Resp: 69181

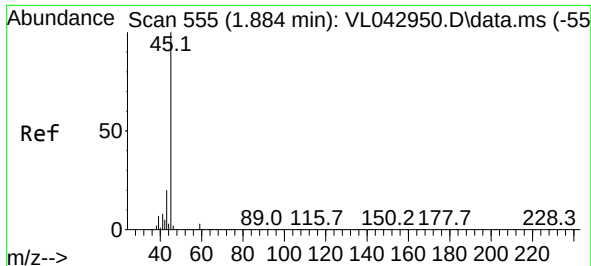
Ion Ratio Lower Upper

96 100

61 197.4 166.2 249.4

98 64.8 48.6 73.0

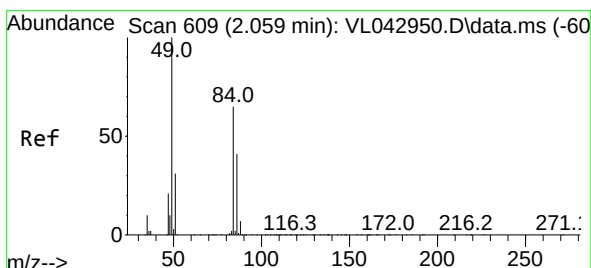
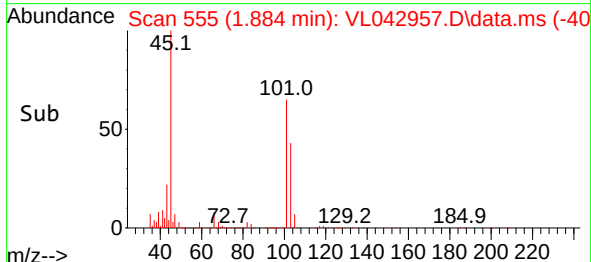
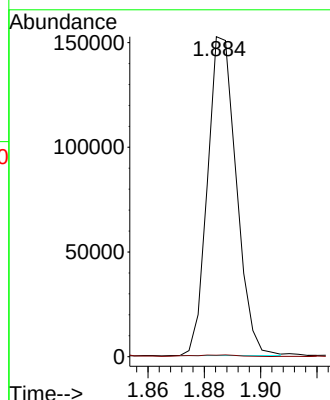
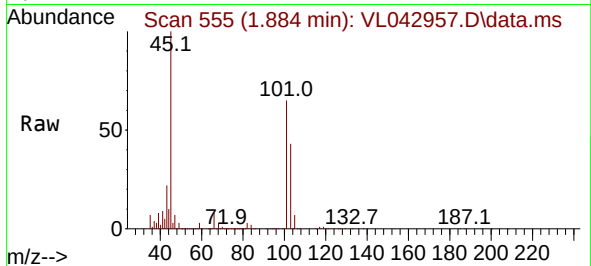




#19
Isopropyl Alcohol
Concen: 8.644 ppbv
RT: 1.884 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

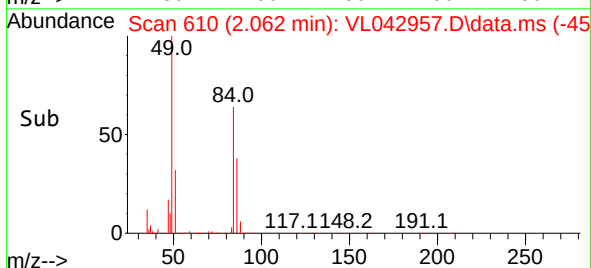
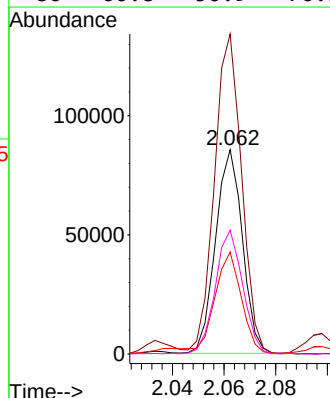
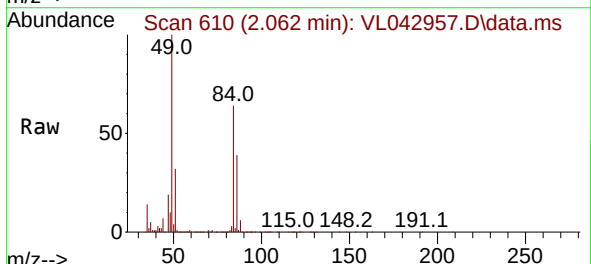
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

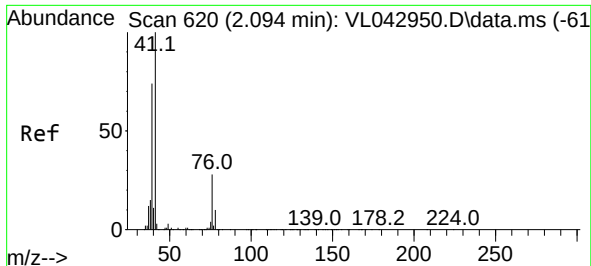
Tgt Ion: 45 Resp: 108171
Ion Ratio Lower Upper
45 100
58 38.8 31.0 46.6



#20
Methylene Chloride
Concen: 9.945 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 84 Resp: 61743
Ion Ratio Lower Upper
84 100
49 156.9 124.1 186.1
51 49.6 39.8 59.8
86 60.8 50.9 76.3





#21

Allyl Chloride

Concen: 9.166 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

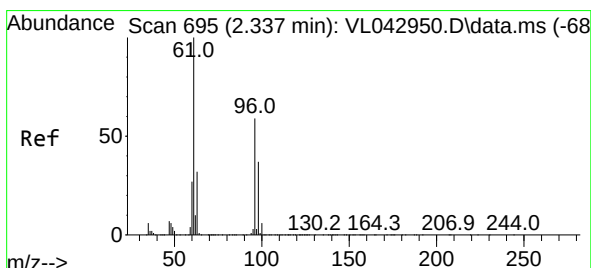
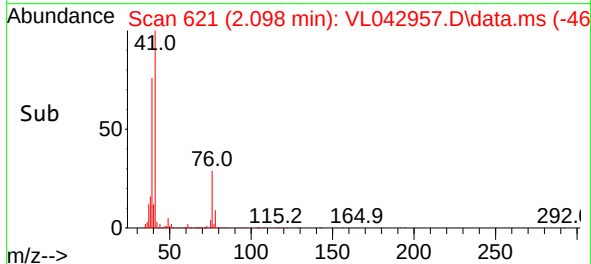
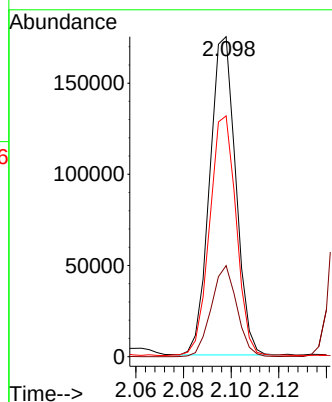
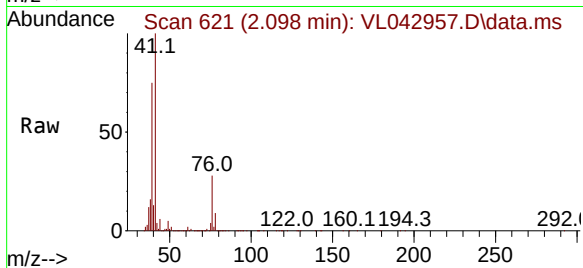
Tgt Ion: 41 Resp: 132878

Ion Ratio Lower Upper

41 100

76 28.0 22.3 33.5

39 76.4 61.3 91.9



#22

trans-1,2-Dichloroethene

Concen: 8.845 ppbv

RT: 2.341 min Scan# 696

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

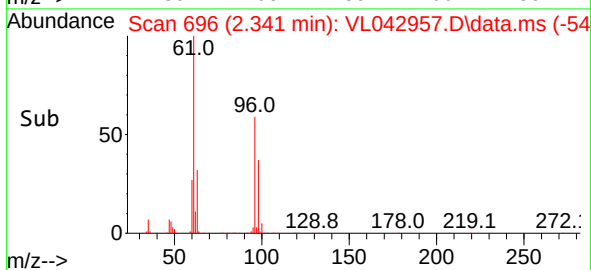
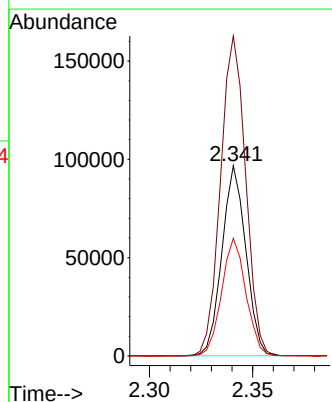
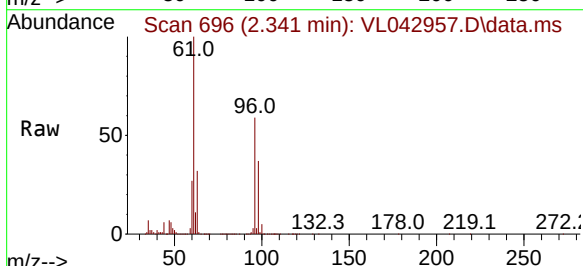
Tgt Ion: 96 Resp: 78085

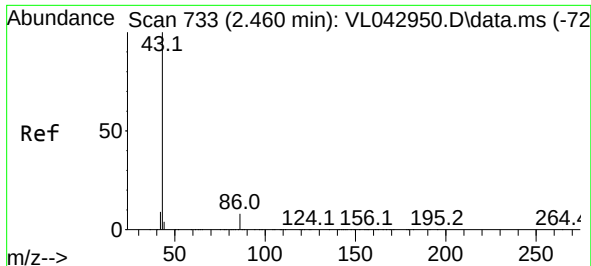
Ion Ratio Lower Upper

96 100

61 168.1 136.5 204.7

98 61.9 50.6 76.0



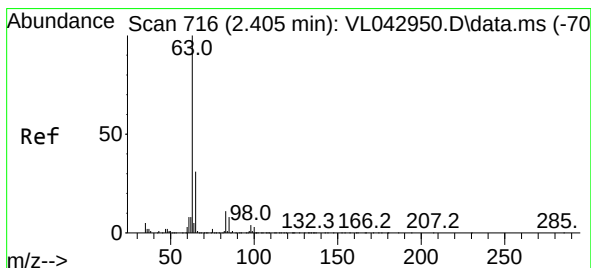
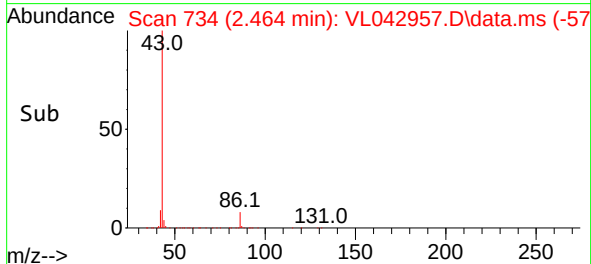
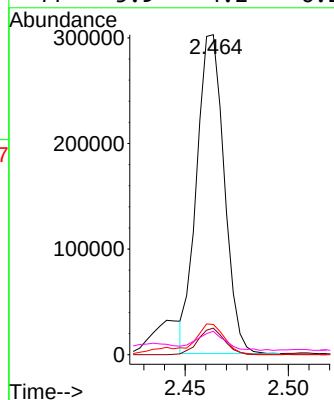
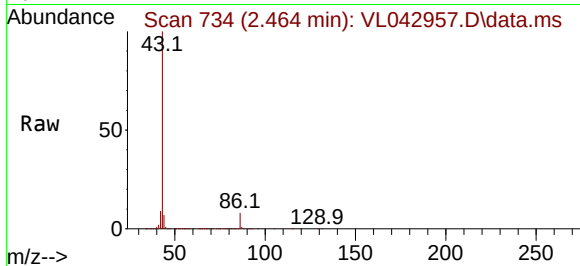


#23
 Vinyl Acetate
 Concen: 9.427 ppbv
 RT: 2.464 min Scan# 716
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL092225

Tgt Ion: 43 Resp: 280339

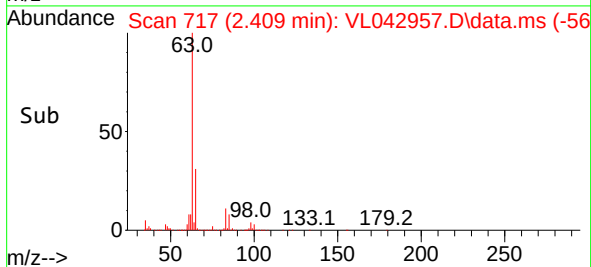
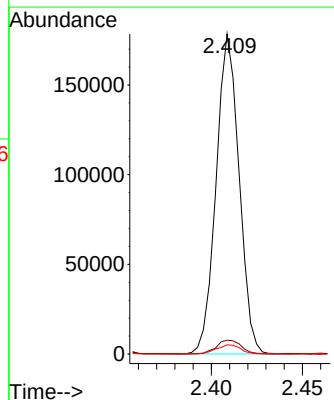
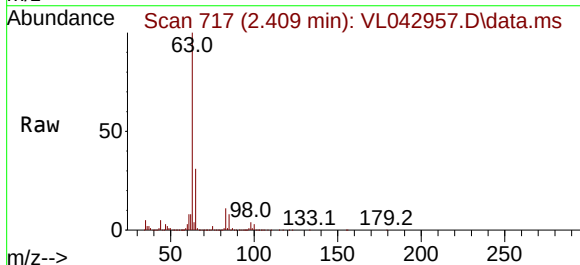
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.2	9.2
42	9.4	7.4	11.0
44	5.9	4.2	6.2

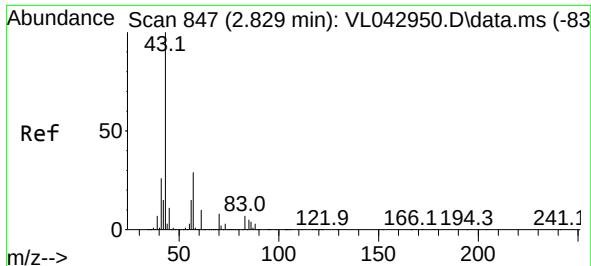


#24
 1,1-Dichloroethane
 Concen: 9.003 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Tgt Ion: 63 Resp: 155861

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.2	6.6
100	2.8	1.4	4.0

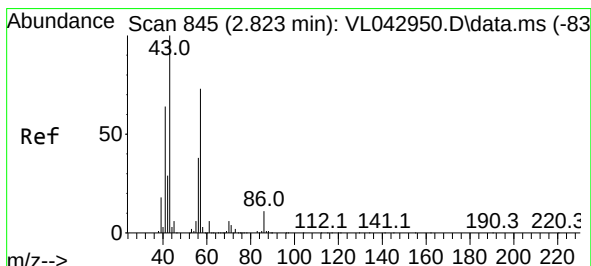
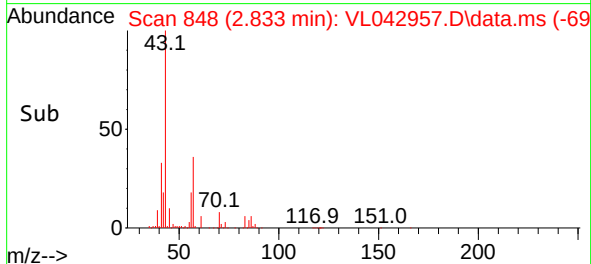
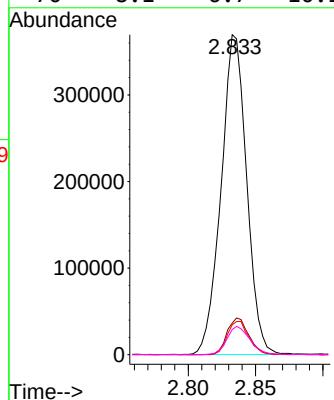
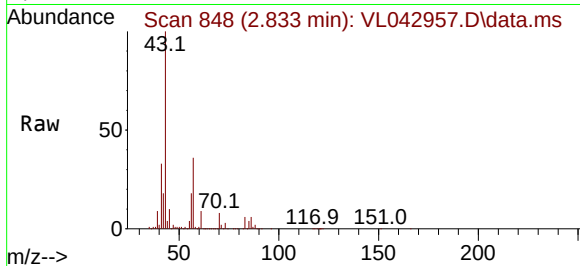




#25
Ethyl Acetate
Concen: 9.256 ppbv
RT: 2.833 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

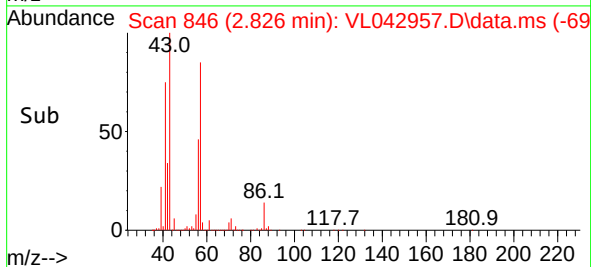
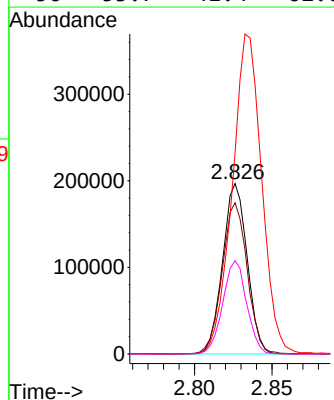
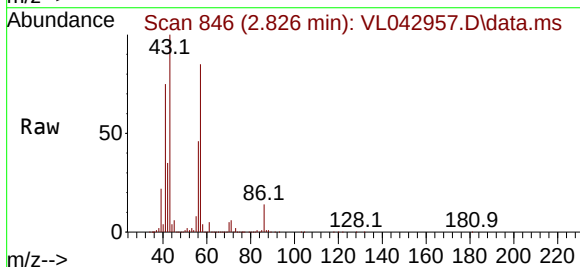
Instrument :
MSVOA_1
ClientSampleId :
ICVVL092225

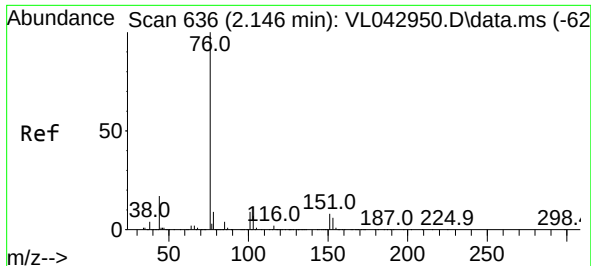
Tgt Ion: 43 Resp: 486993
Ion Ratio Lower Upper
43 100
45 9.8 7.7 11.5
61 8.9 7.1 10.7
70 8.1 6.7 10.1



#26
Hexane
Concen: 9.026 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 57 Resp: 216458
Ion Ratio Lower Upper
57 100
41 90.9 71.7 107.5
43 226.2 180.8 271.2
56 53.7 41.4 62.0

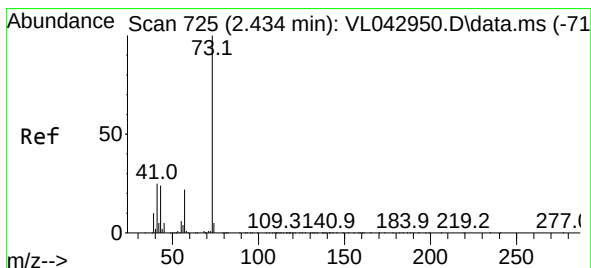
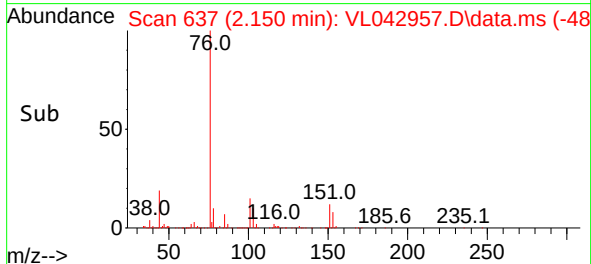
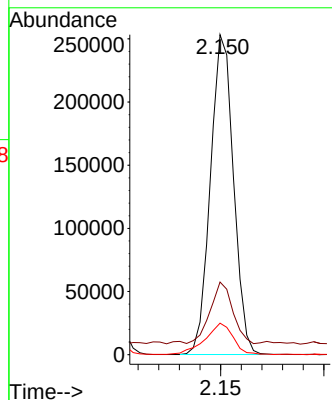
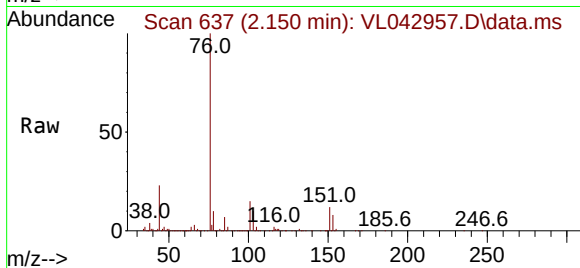




#27
Carbon Disulfide
Concen: 9.121 ppbv
RT: 2.150 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

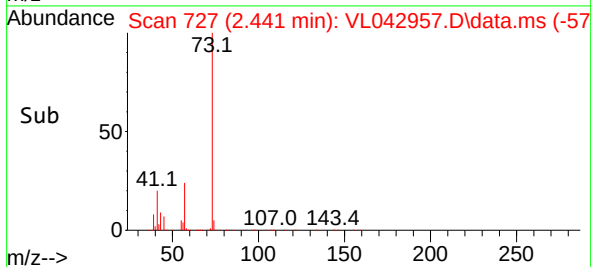
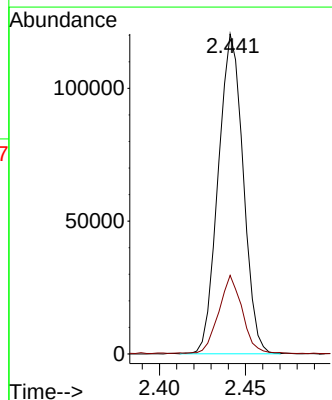
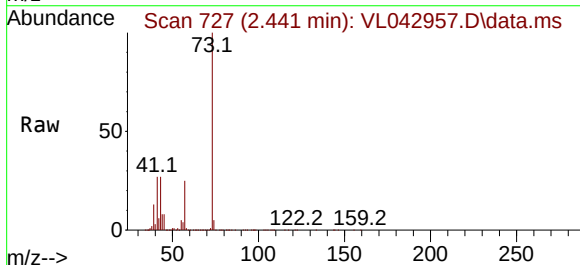
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

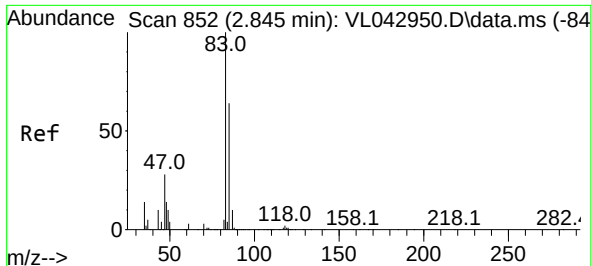
Tgt Ion: 76 Resp: 196191
Ion Ratio Lower Upper
76 100
44 20.2 15.6 23.4
78 12.1 8.9 13.3



#28
Methyl tert-Butyl Ether
Concen: 9.752 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 73 Resp: 121564
Ion Ratio Lower Upper
73 100
57 23.3 20.6 31.0





#29

Chloroform

Concen: 9.583 ppbv

RT: 2.849 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

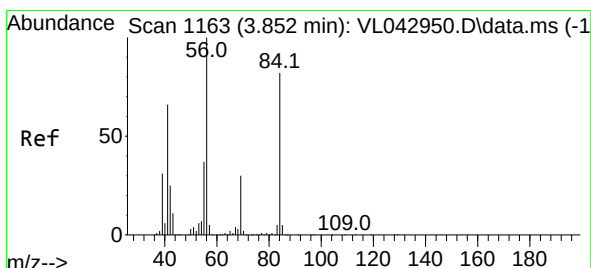
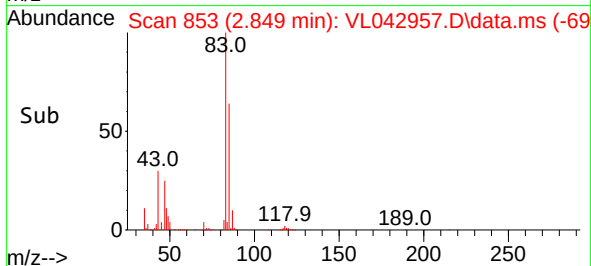
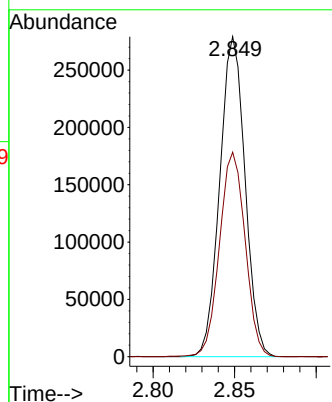
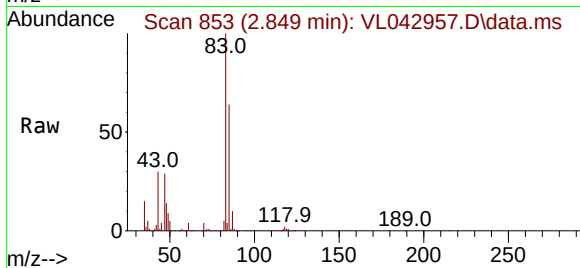
ICVVL092225

Tgt Ion: 83 Resp: 300507

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8



#30

Cyclohexane

Concen: 9.286 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

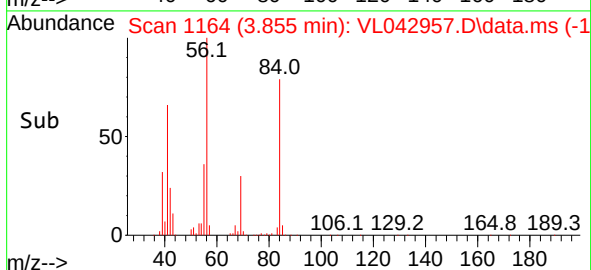
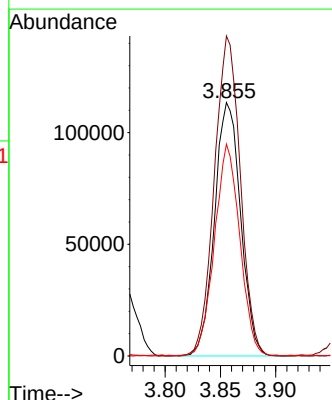
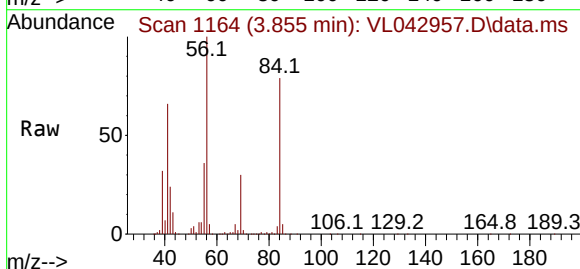
Tgt Ion: 84 Resp: 186186

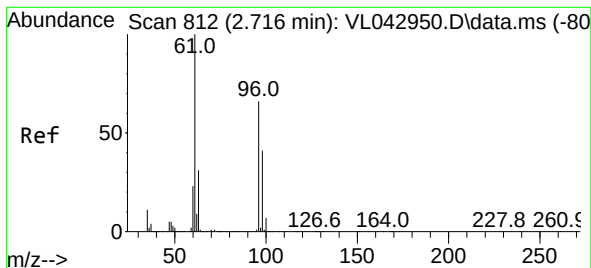
Ion Ratio Lower Upper

84 100

56 125.6 102.2 153.4

41 81.2 65.6 98.4





#31

cis-1,2-Dichloroethene

Concen: 9.497 ppbv

RT: 2.719 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_1

ClientSampleId :

ICVVL092225

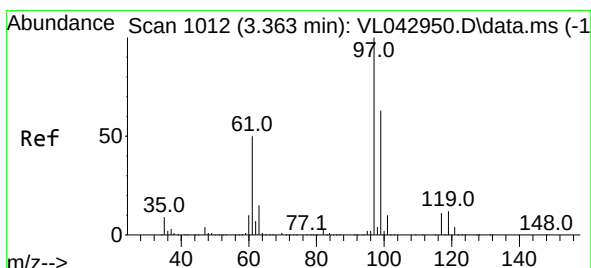
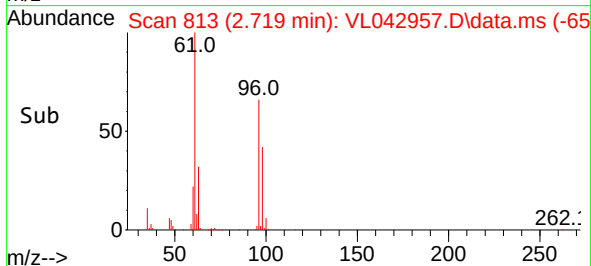
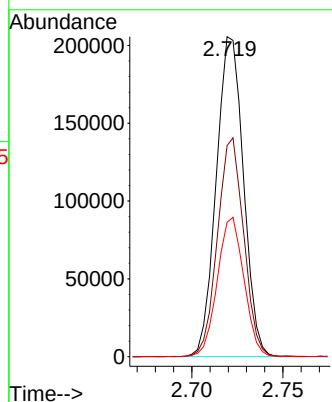
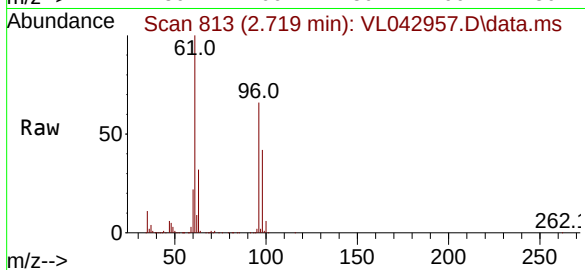
Tgt Ion: 61 Resp: 213362

Ion Ratio Lower Upper

61 100

96 65.9 53.0 79.6

98 42.0 32.9 49.3



#32

1,1,1-Trichloroethane

Concen: 9.071 ppbv

RT: 3.370 min Scan# 1014

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

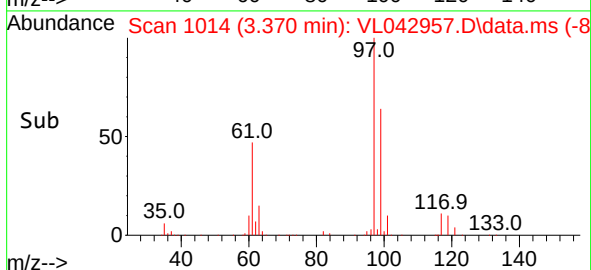
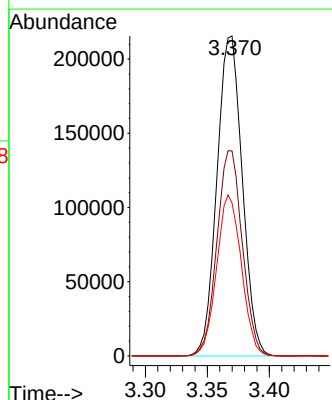
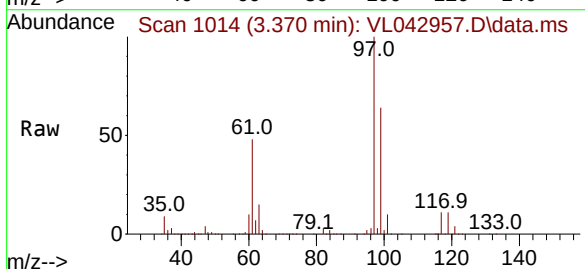
Tgt Ion: 97 Resp: 307237

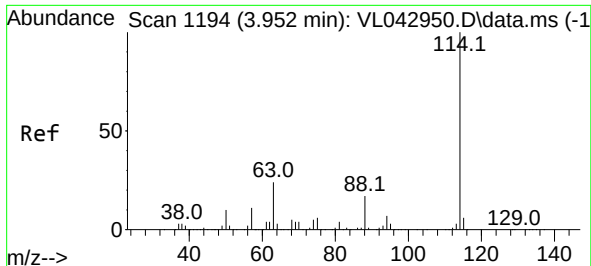
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 49.3 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1194

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

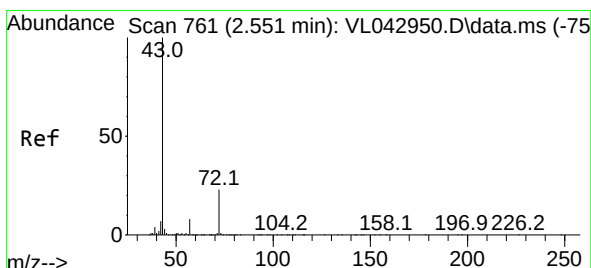
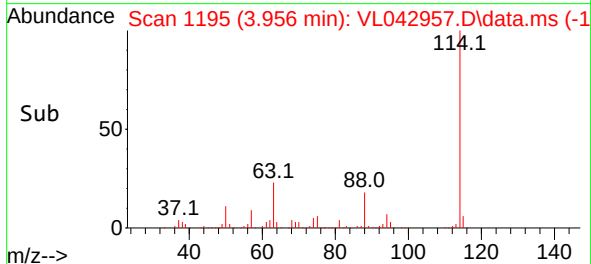
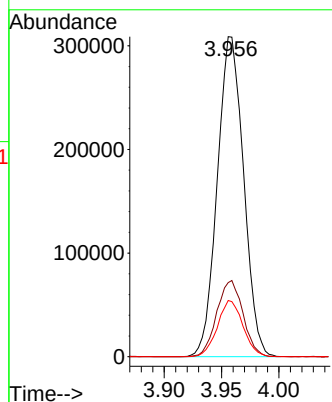
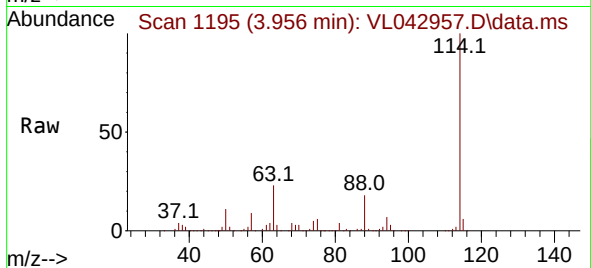
Tgt Ion:114 Resp: 493072

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.2

88 17.0 14.2 21.2



#34

2-Butanone

Concen: 9.081 ppbv

RT: 2.558 min Scan# 763

Delta R.T. 0.007 min

Lab File: VL042957.D

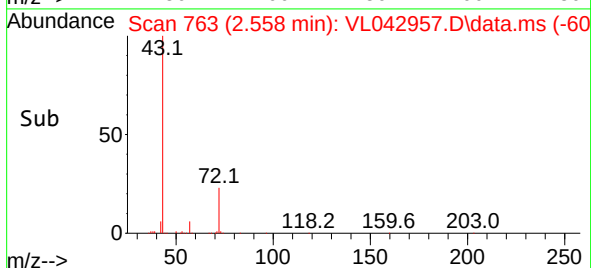
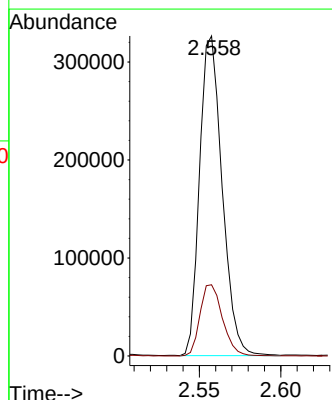
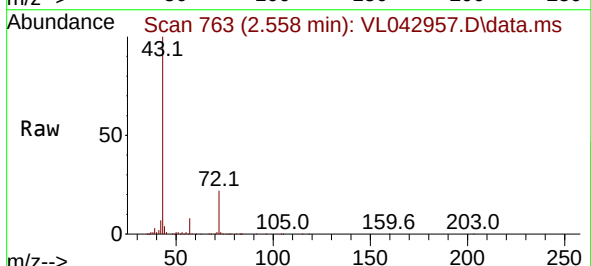
Acq: 22 Sep 2025 14:15

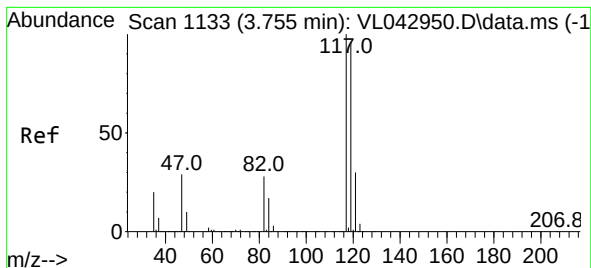
Tgt Ion: 43 Resp: 313801

Ion Ratio Lower Upper

43 100

72 22.3 17.7 26.5





#35

Carbon Tetrachloride

Concen: 9.479 ppbv

RT: 3.762 min Scan# 1135

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

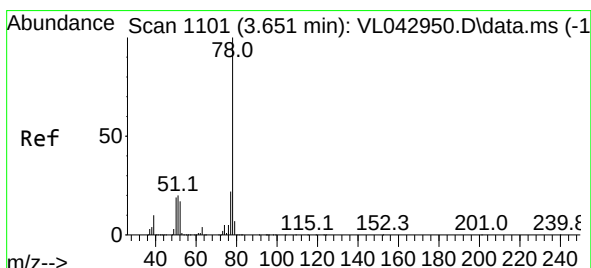
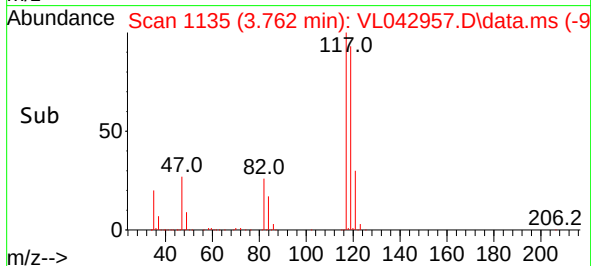
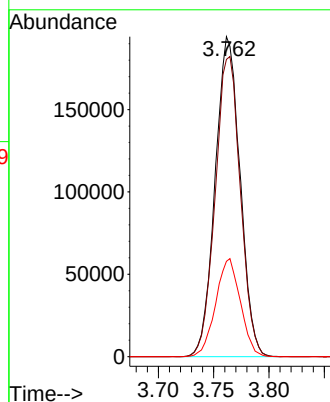
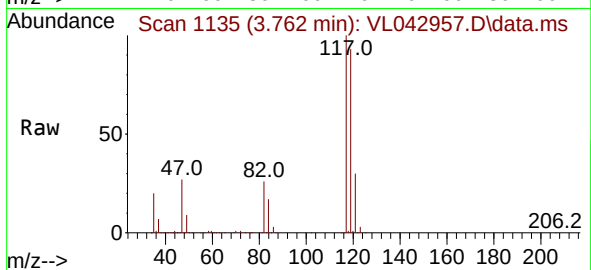
Tgt Ion:117 Resp: 304293

Ion Ratio Lower Upper

117 100

119 92.9 76.9 115.3

121 29.8 23.7 35.5



#36

Benzene

Concen: 9.416 ppbv

RT: 3.655 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

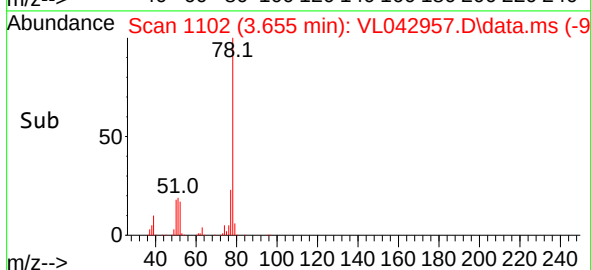
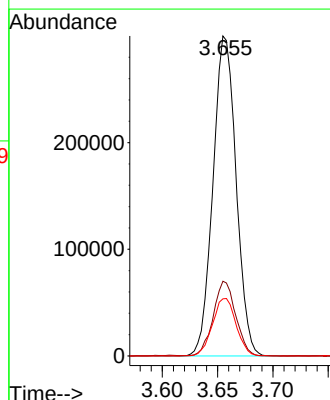
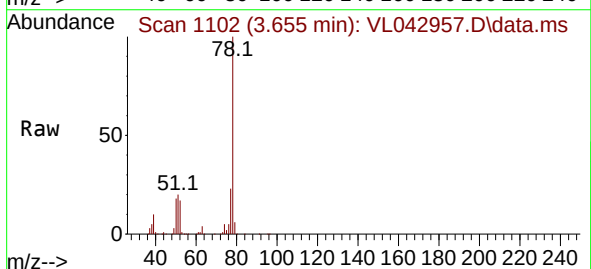
Tgt Ion: 78 Resp: 435981

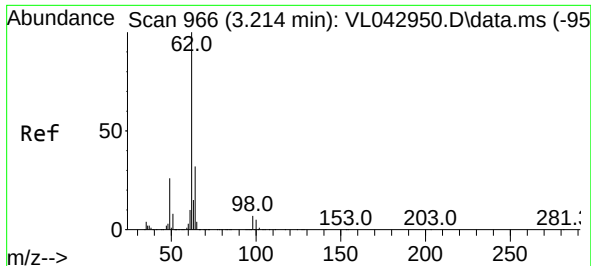
Ion Ratio Lower Upper

78 100

77 23.3 17.8 26.6

50 17.9 15.0 22.4





#37

1,2-Dichloroethane

Concen: 9.581 ppbv

RT: 3.218 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

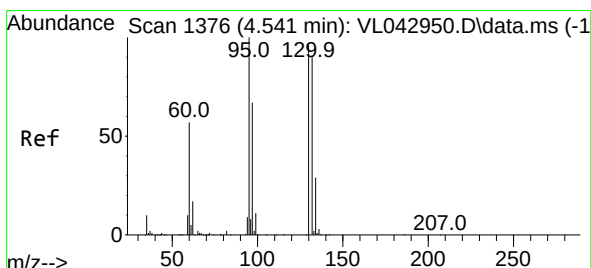
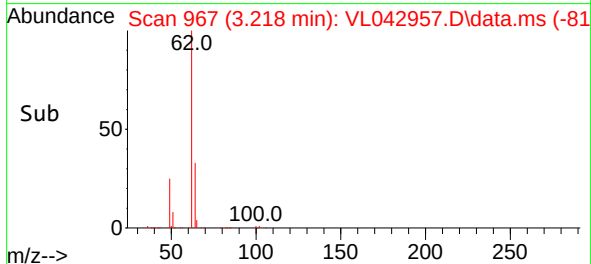
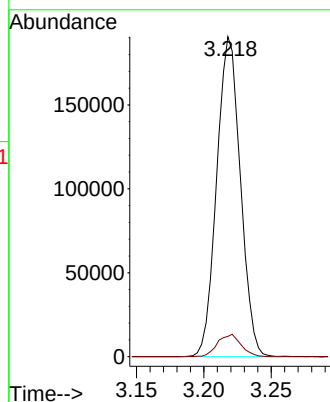
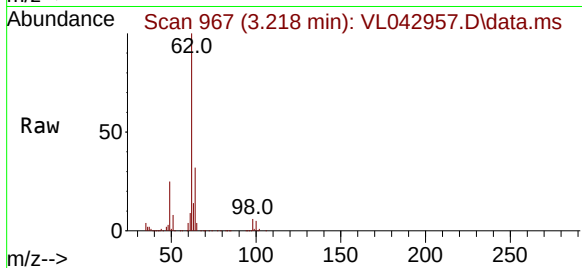
ICVVL092225

Tgt Ion: 62 Resp: 233305

Ion Ratio Lower Upper

62 100

98 7.0 5.9 8.9



#38

Trichloroethene

Concen: 8.927 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Tgt Ion:130 Resp: 205431

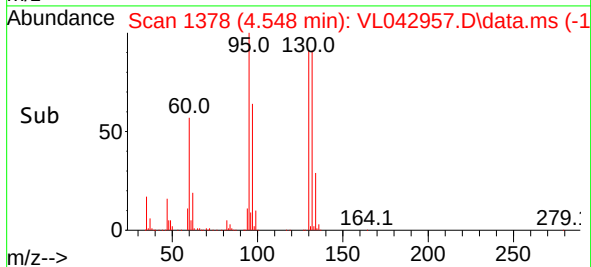
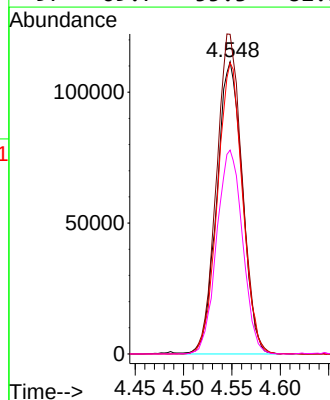
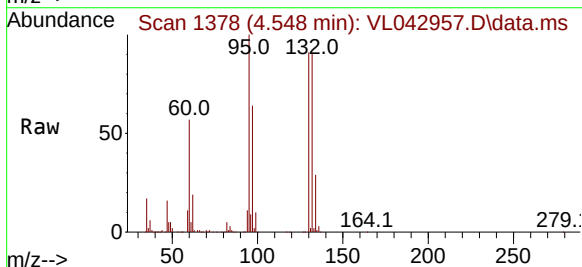
Ion Ratio Lower Upper

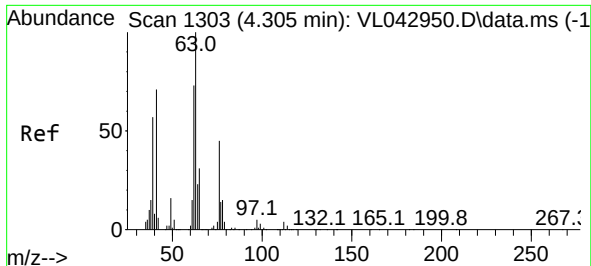
130 100

95 109.4 83.0 124.4

132 99.7 74.6 112.0

97 69.7 55.3 82.9





#39

1,2-Dichloropropane

Concen: 9.482 ppbv

RT: 4.312 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

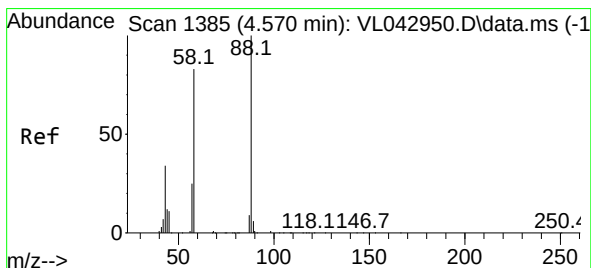
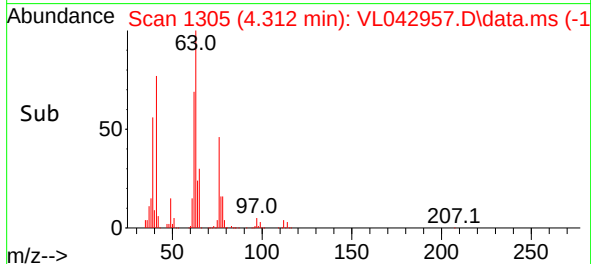
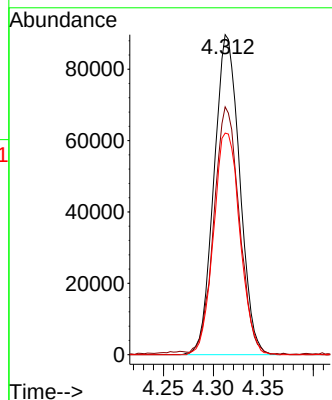
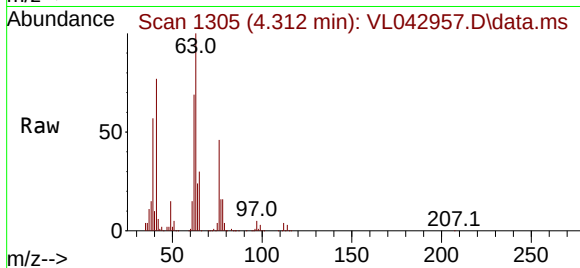
Tgt Ion: 63 Resp: 160275

Ion Ratio Lower Upper

63 100

41 77.2 57.5 86.3

62 69.3 58.5 87.7



#40

1,4-Dioxane

Concen: 8.863 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Tgt Ion: 88 Resp: 69659

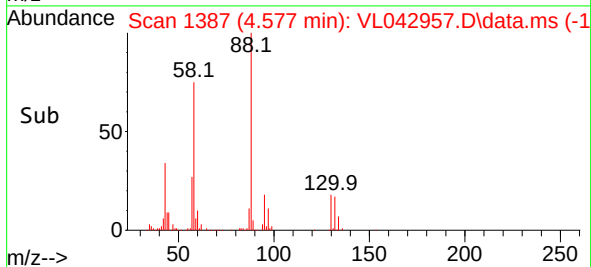
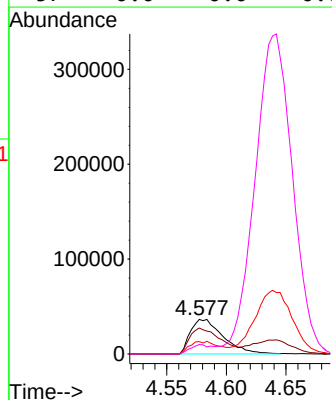
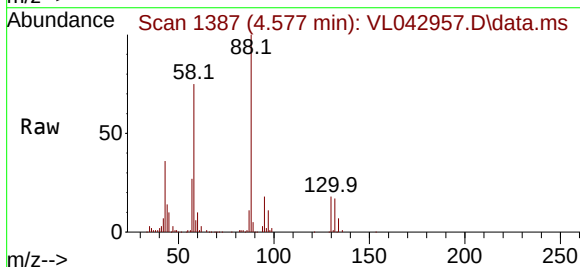
Ion Ratio Lower Upper

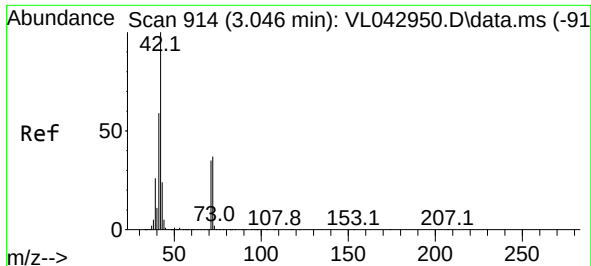
88 100

58 70.6 59.7 89.5

43 32.1 28.9 43.3

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.277 ppbv

RT: 3.053 min Scan# 914

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

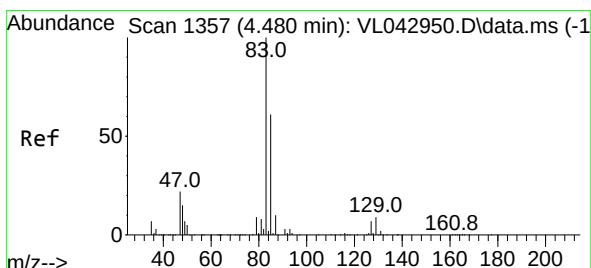
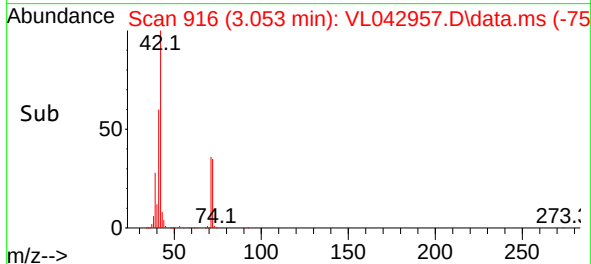
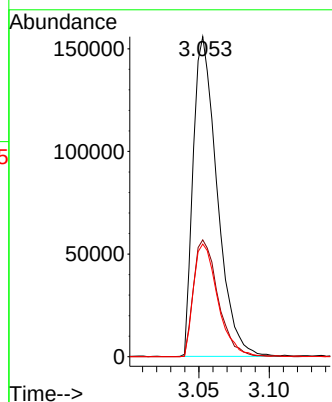
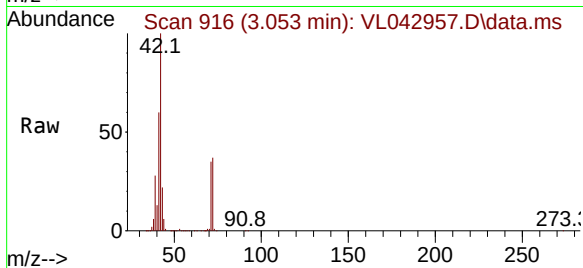
Tgt Ion: 42 Resp: 184258

Ion Ratio Lower Upper

42 100

72 37.4 30.0 45.0

71 35.9 28.8 43.2



#42

Bromodichloromethane

Concen: 9.721 ppbv

RT: 4.490 min Scan# 1360

Delta R.T. 0.010 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

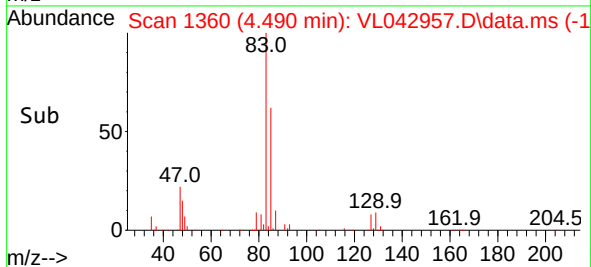
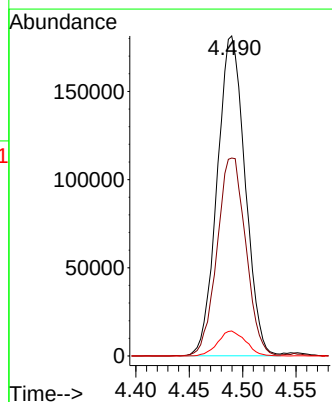
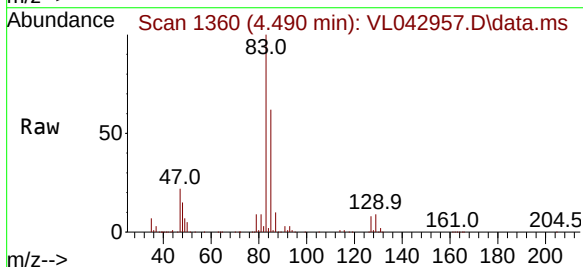
Tgt Ion: 83 Resp: 329680

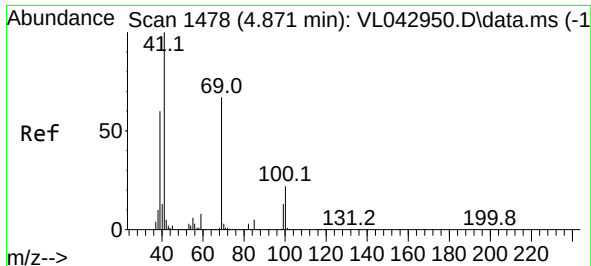
Ion Ratio Lower Upper

83 100

85 61.8 49.0 73.6

127 7.8 5.3 7.9

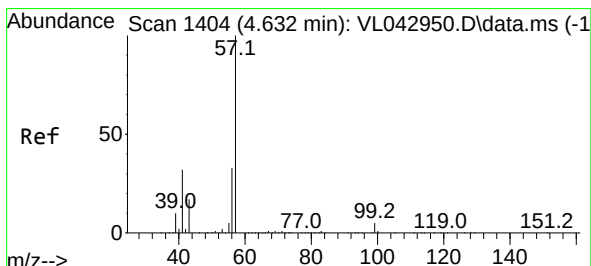
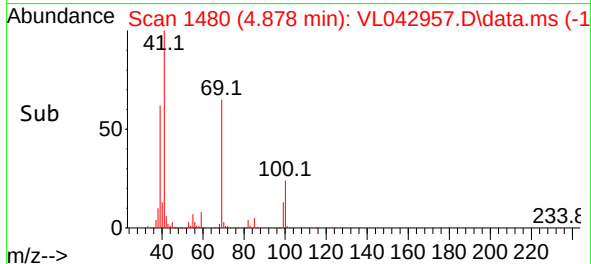
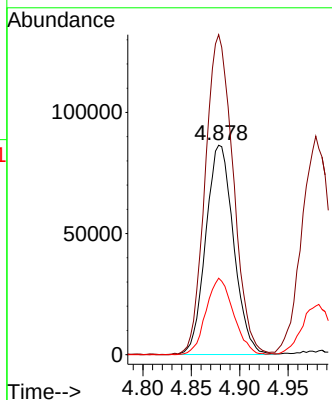
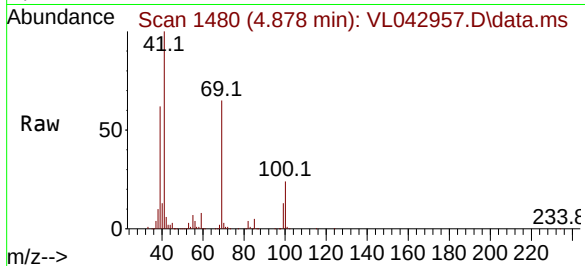




#43
Methyl Methacrylate
Concen: 9.125 ppbv
RT: 4.878 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

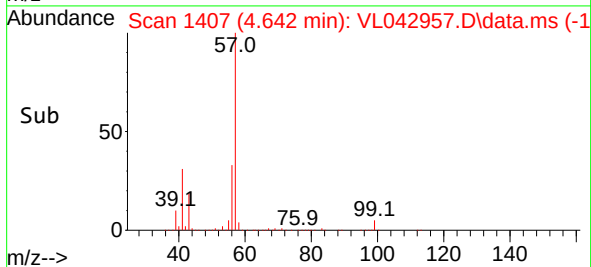
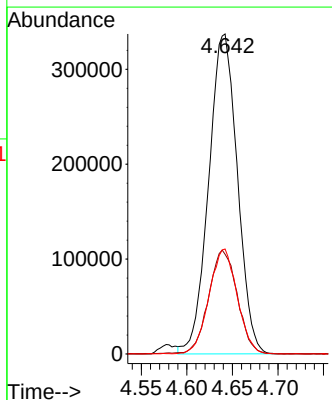
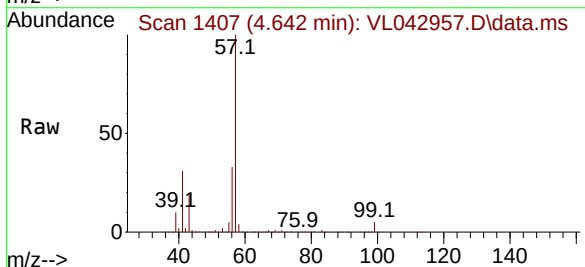
Instrument :
MSVOA_1
ClientSampleId :
ICVVL092225

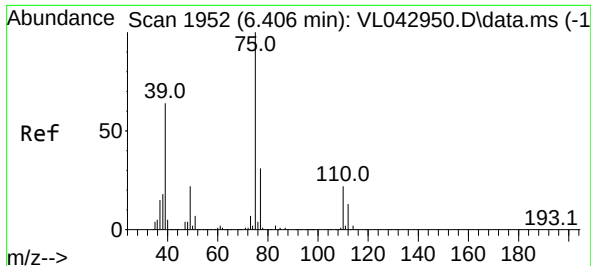
Tgt Ion: 69 Resp: 172867
Ion Ratio Lower Upper
69 100
41 153.4 124.5 186.7
100 36.1 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 9.239 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.010 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 57 Resp: 738876
Ion Ratio Lower Upper
57 100
41 32.5 25.5 38.3
56 32.3 25.8 38.8

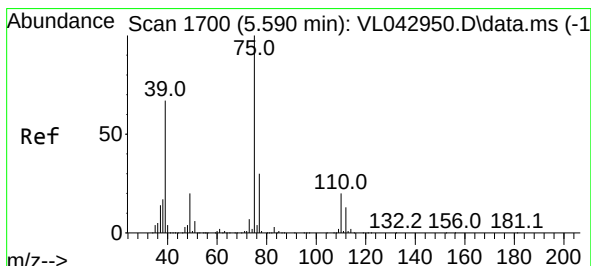
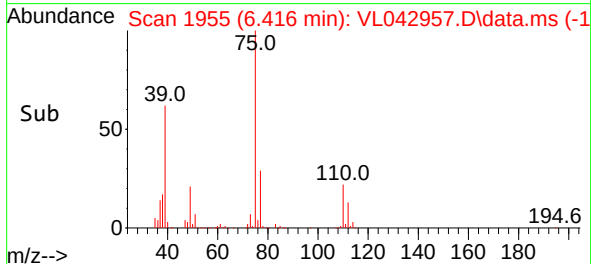
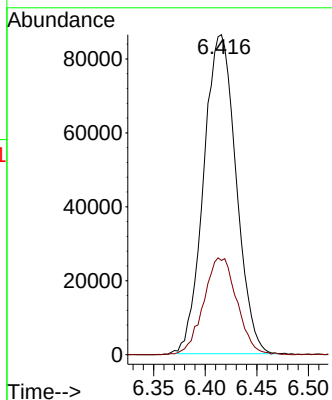
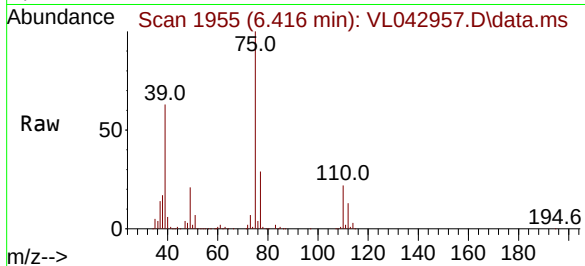




#45
 t-1,3-Dichloropropene
 Concen: 9.321 ppbv
 RT: 6.416 min Scan# 1952
 Delta R.T. 0.010 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

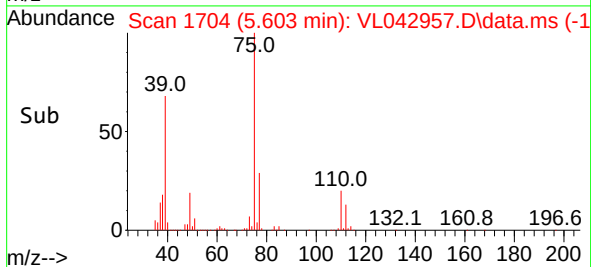
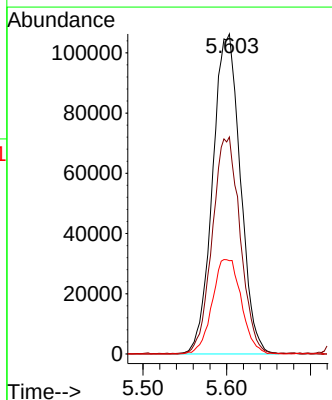
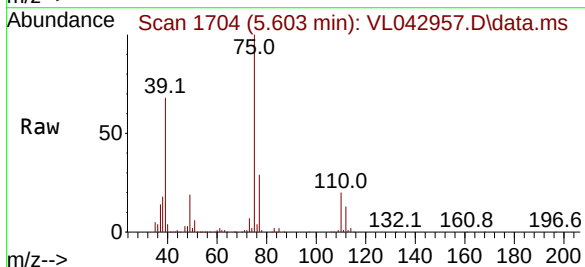
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092225

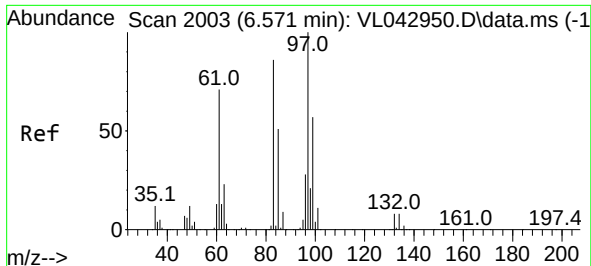
Tgt Ion: 75 Resp: 188332
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.490 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. 0.013 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Tgt Ion: 75 Resp: 244367
 Ion Ratio Lower Upper
 75 100
 39 67.6 53.8 80.6
 77 29.1 23.6 35.4

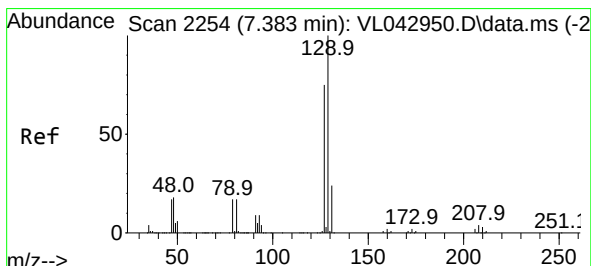
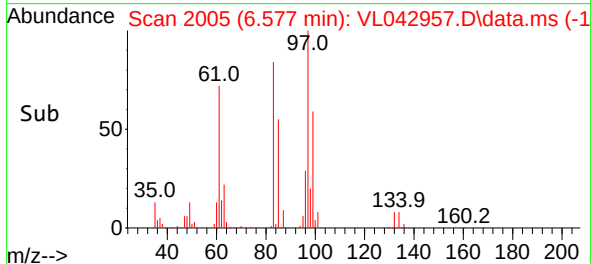
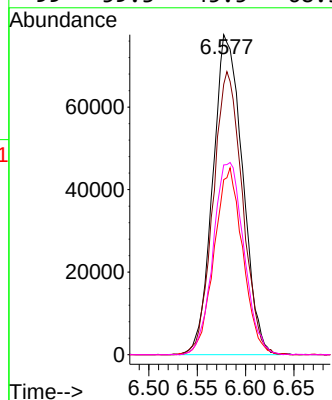
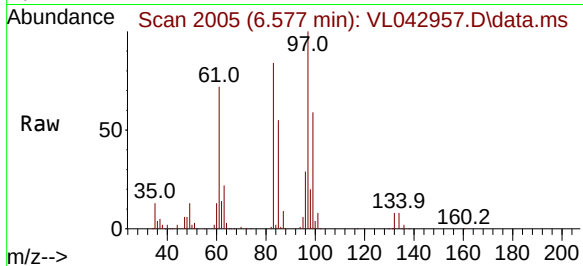




#47
1,1,2-Trichloroethane
Concen: 9.279 ppbv
RT: 6.577 min Scan# 2003
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

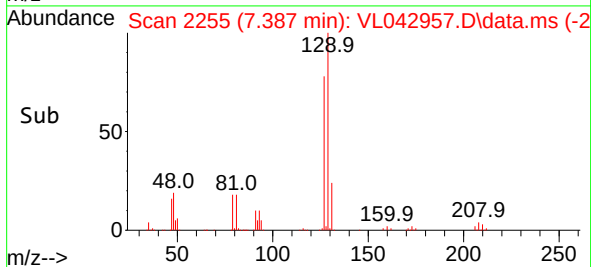
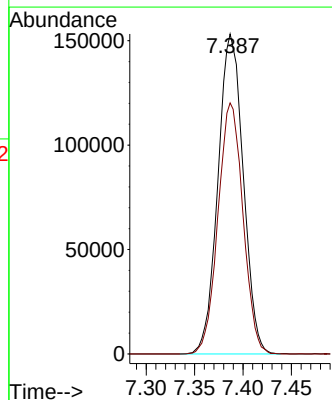
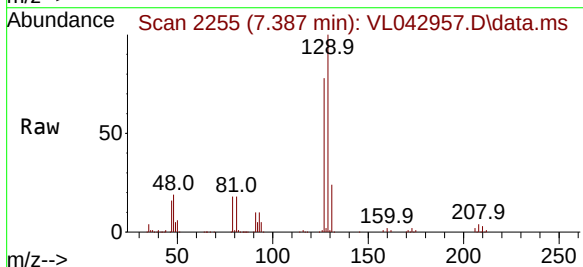
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

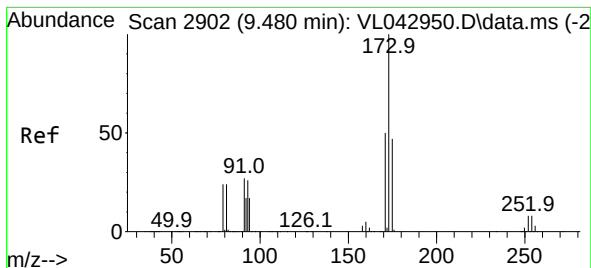
Tgt Ion: 97	Resp: 165721
Ion Ratio	Lower Upper
97 100	
83 84.4	68.7 103.1
85 54.5	40.6 60.8
99 59.3	45.5 68.3



#48
Dibromochloromethane
Concen: 9.732 ppbv
RT: 7.387 min Scan# 2255
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:129	Resp: 278090		
Ion Ratio	Lower	Upper	
129 100			
127 77.5	39.1	117.2	





#49

Bromoform

Concen: 9.589 ppbv

RT: 9.484 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

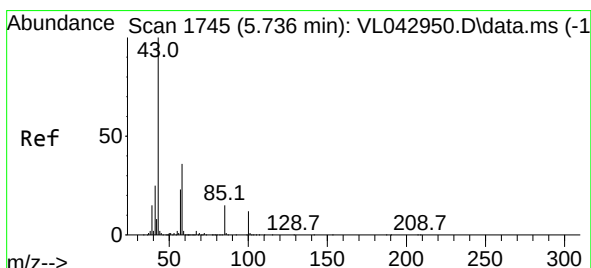
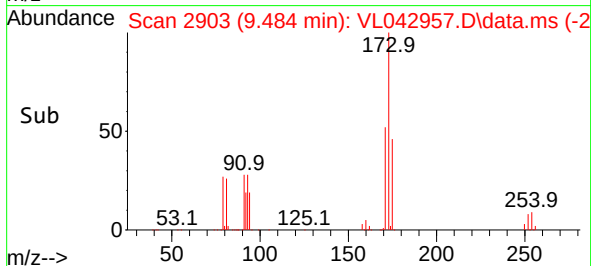
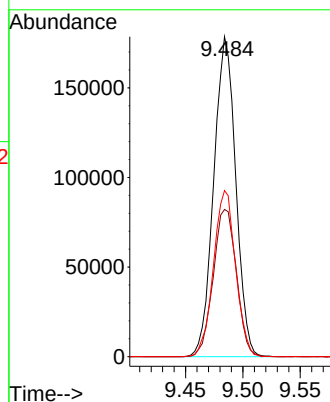
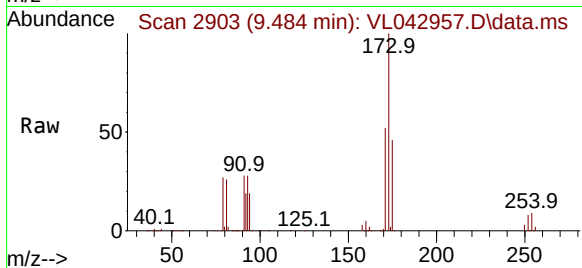
Tgt Ion:173 Resp: 238337

Ion Ratio Lower Upper

173 100

175 48.6 37.9 56.9

171 52.1 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 9.411 ppbv

RT: 5.746 min Scan# 1748

Delta R.T. 0.010 min

Lab File: VL042957.D

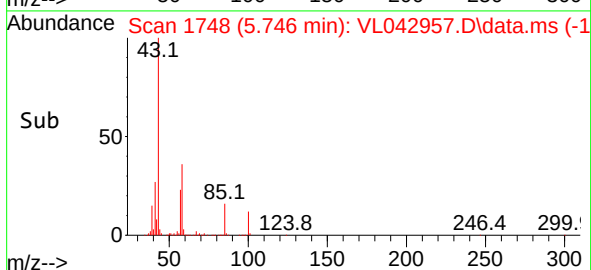
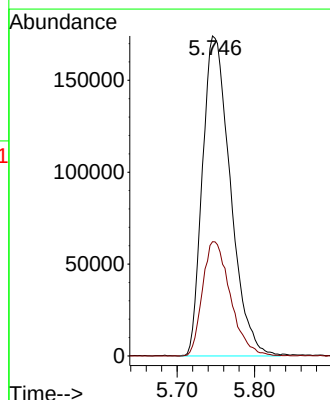
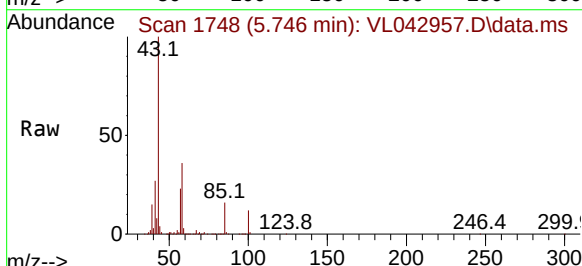
Acq: 22 Sep 2025 14:15

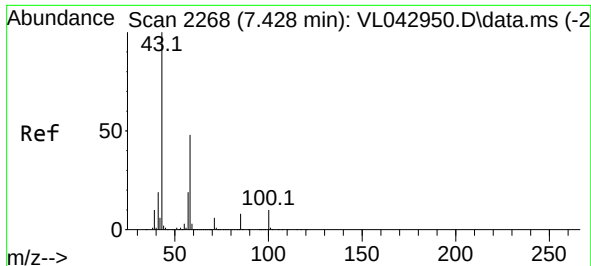
Tgt Ion: 43 Resp: 435845

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6

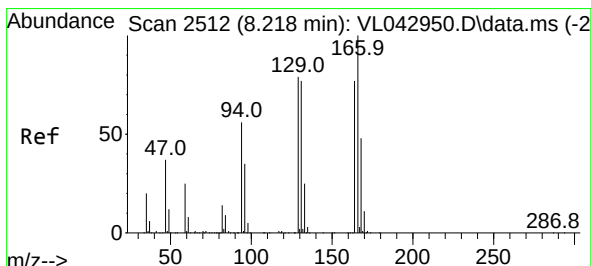
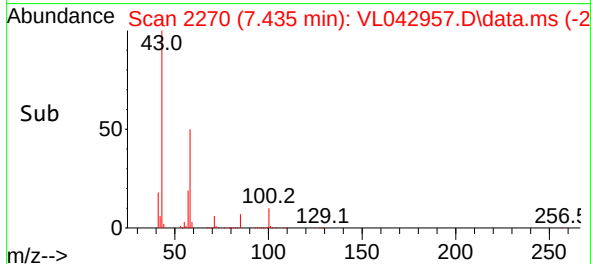
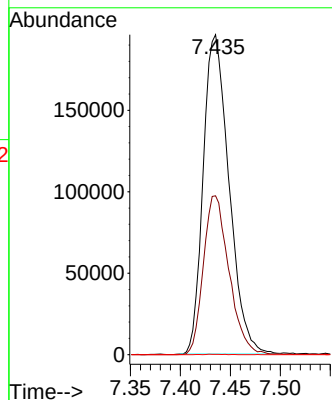
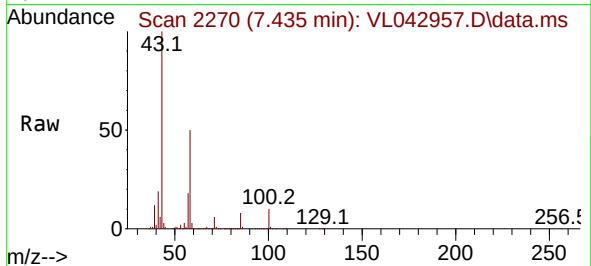




#51
2-Hexanone
Concen: 9.561 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

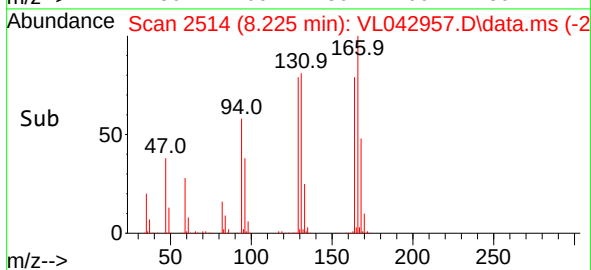
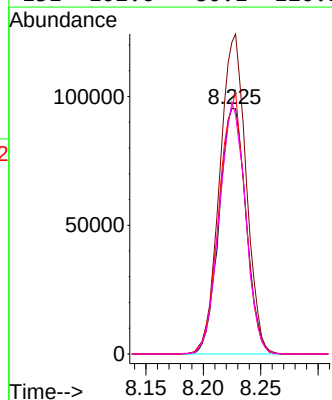
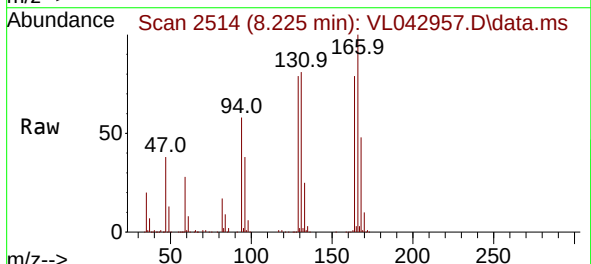
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

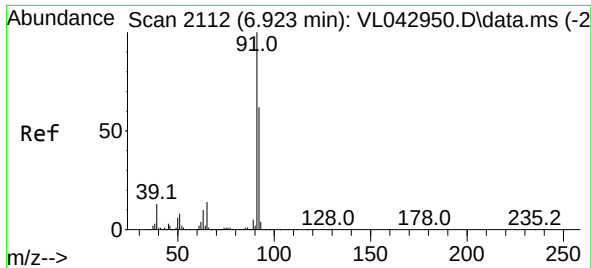
Tgt Ion: 43 Resp: 352962
Ion Ratio Lower Upper
43 100
58 49.5 39.7 59.5
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 8.678 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 164 Resp: 155469
Ion Ratio Lower Upper
164 100
166 127.0 103.5 155.3
129 100.4 82.2 123.4
131 102.6 80.1 120.1





#53

Toluene

Concen: 9.306 ppbv

RT: 6.933 min Scan# 2112

Delta R.T. 0.010 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

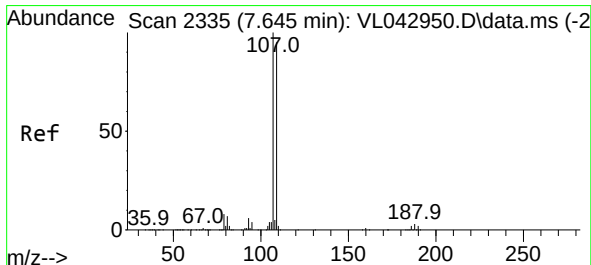
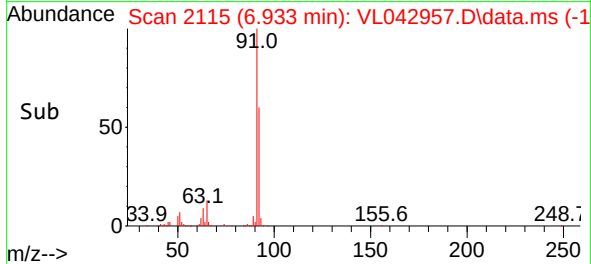
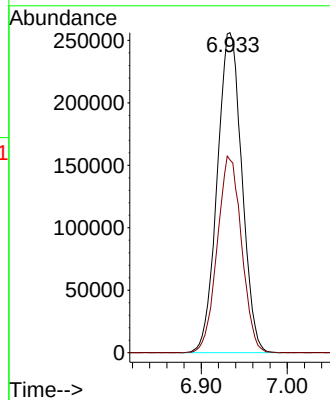
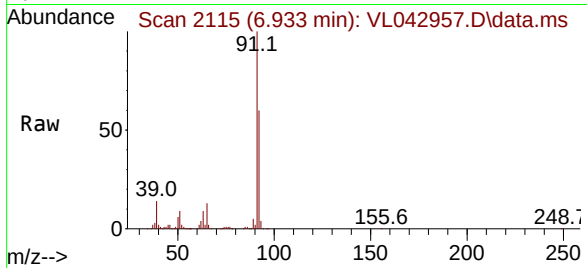
ICVVL092225

Tgt Ion: 91 Resp: 509968

Ion Ratio Lower Upper

91 100

92 60.7 48.2 72.2



#54

1,2-Dibromoethane

Concen: 9.452 ppbv

RT: 7.652 min Scan# 2337

Delta R.T. 0.007 min

Lab File: VL042957.D

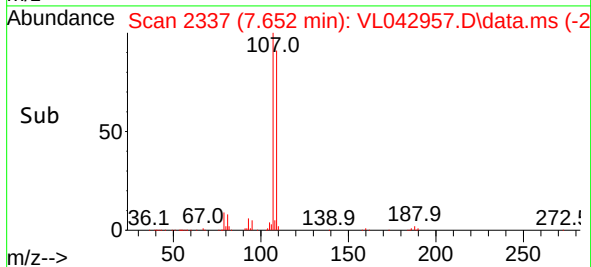
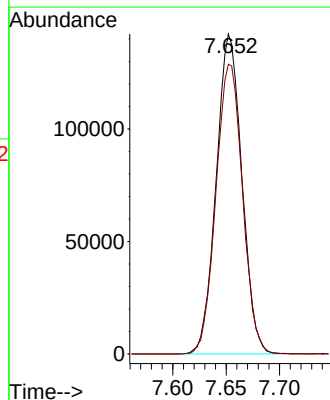
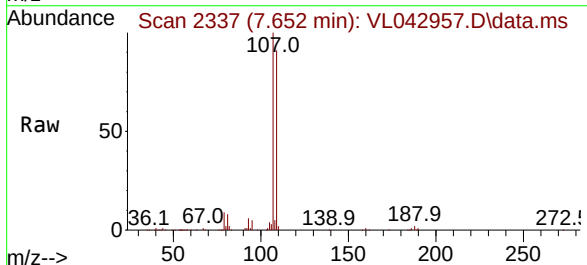
Acq: 22 Sep 2025 14:15

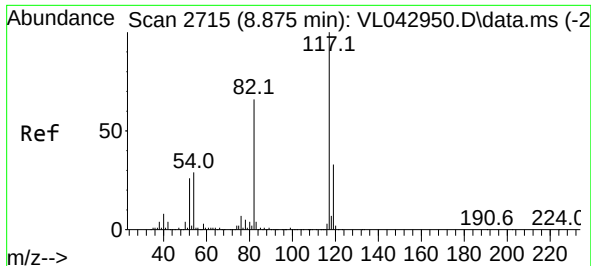
Tgt Ion: 107 Resp: 237604

Ion Ratio Lower Upper

107 100

109 90.6 75.8 113.8

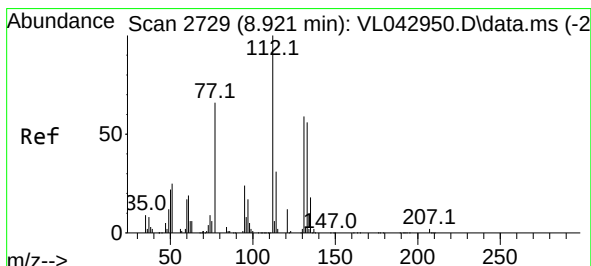
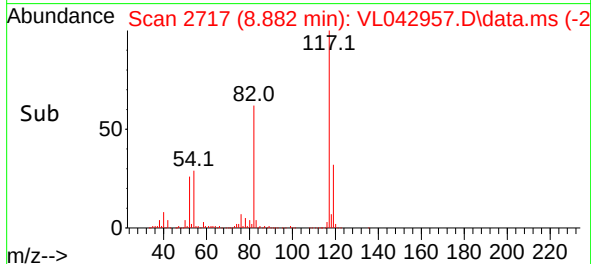
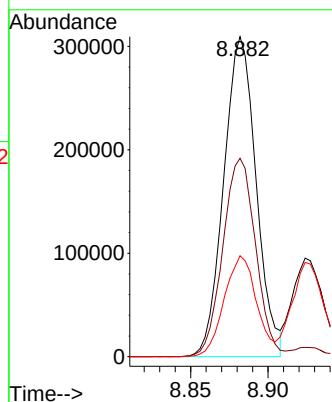
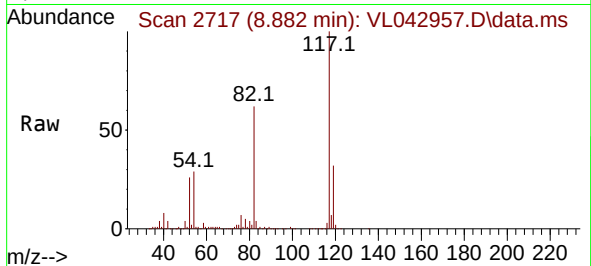




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

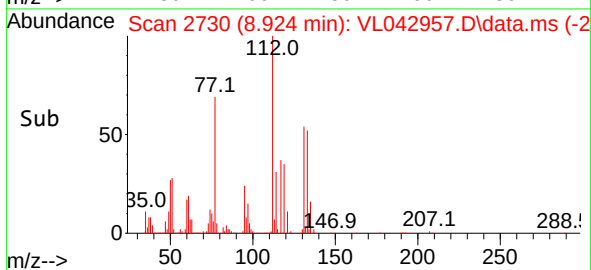
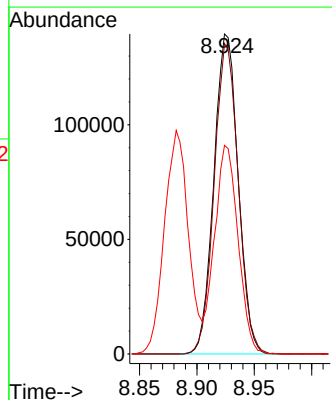
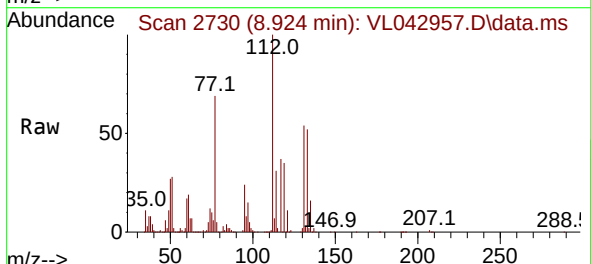
Instrument :
MSVOA_1
ClientSampleId :
ICVVL092225

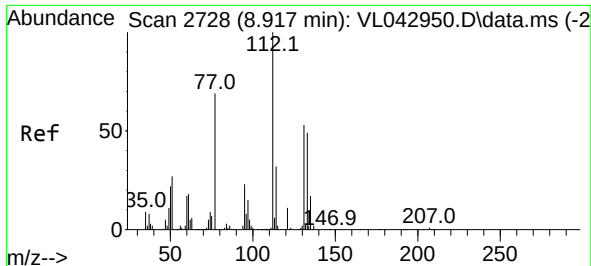
Tgt Ion:117 Resp: 450930
Ion Ratio Lower Upper
117 100
82 65.5 52.8 79.2
119 32.4 26.5 39.7



#56
1,1,1,2-Tetrachloroethane
Concen: 9.536 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:131 Resp: 205811
Ion Ratio Lower Upper
131 100
133 96.0 76.6 114.8
119 64.5 49.9 74.9

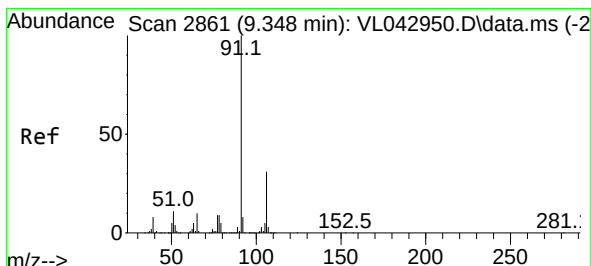
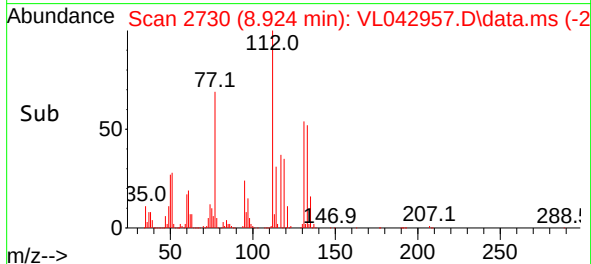
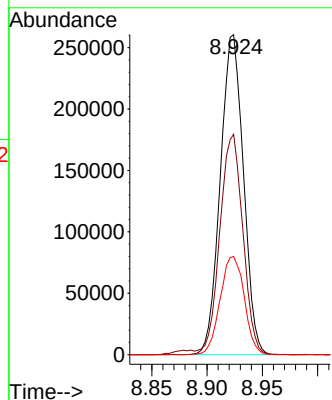
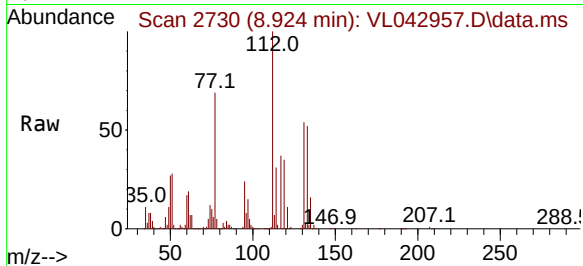




#57
Chlorobenzene
Concen: 9.209 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

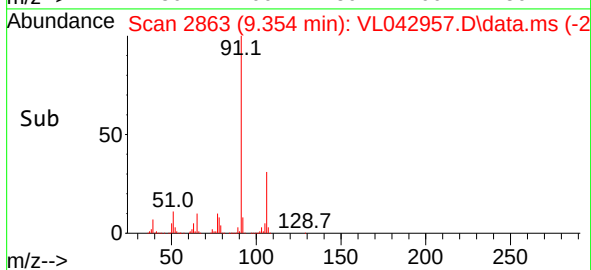
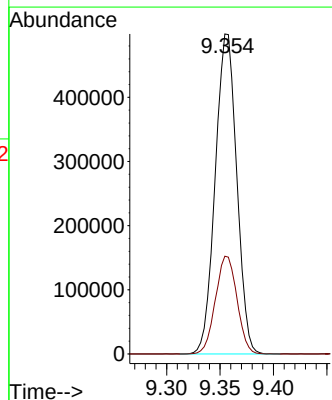
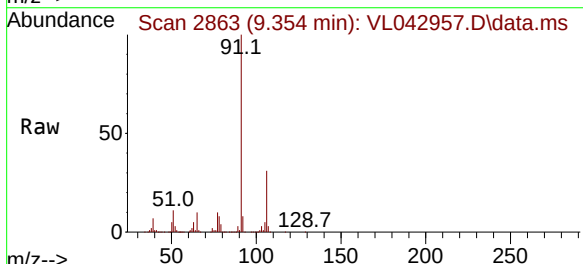
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

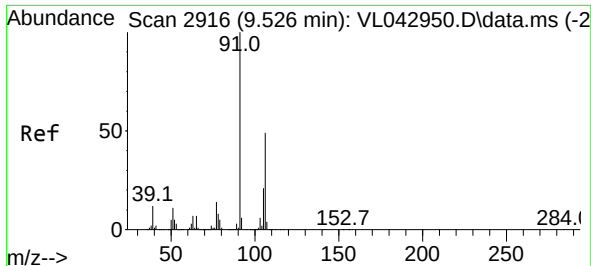
Tgt Ion:112 Resp: 379110
Ion Ratio Lower Upper
112 100
77 68.9 55.7 83.5
114 30.7 28.6 35.0



#58
Ethyl Benzene
Concen: 9.428 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 91 Resp: 698086
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

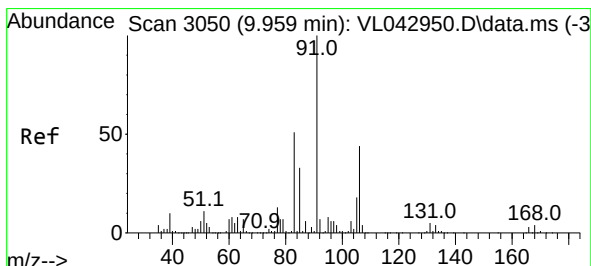
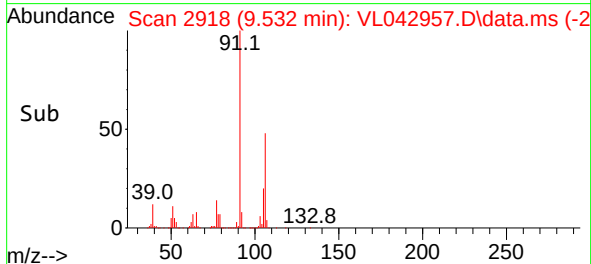
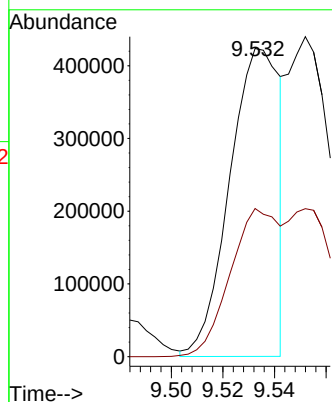
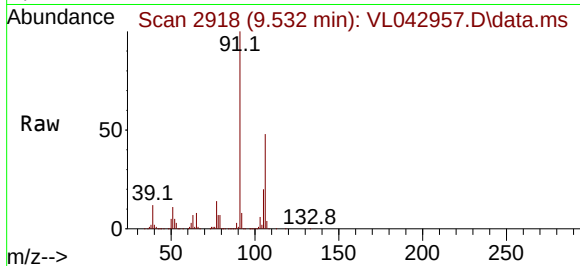




#59
m/p-Xylene
Concen: 9.744 ppbv
RT: 9.532 min Scan# 2916
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

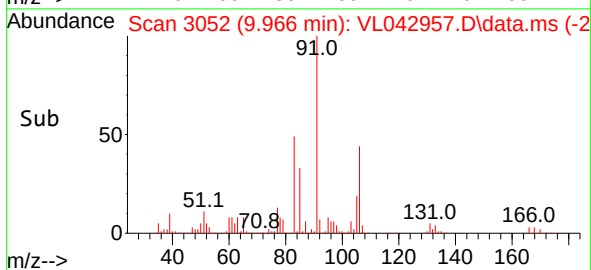
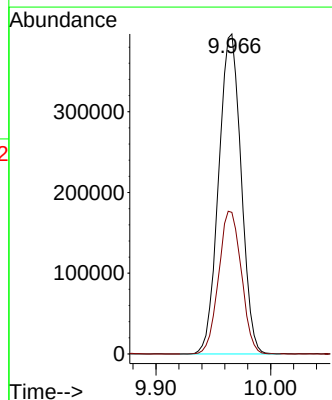
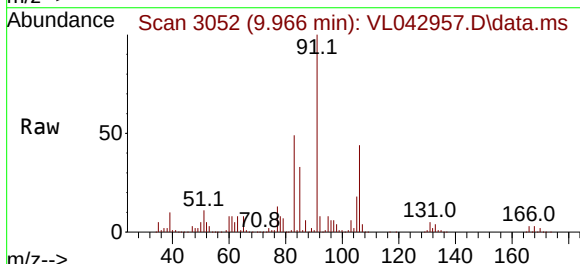
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

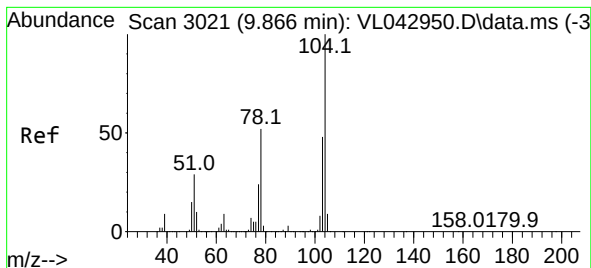
Tgt Ion: 91 Resp: 568845
Ion Ratio Lower Upper
91 100
106 91.2 0.0 0.0#



#60
o-Xylene
Concen: 9.236 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 91 Resp: 538861
Ion Ratio Lower Upper
91 100
106 45.2 22.4 67.0





#61

Styrene

Concen: 9.575 ppbv

RT: 9.872 min Scan# 3021

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_1

ClientSampleId :

ICVVL092225

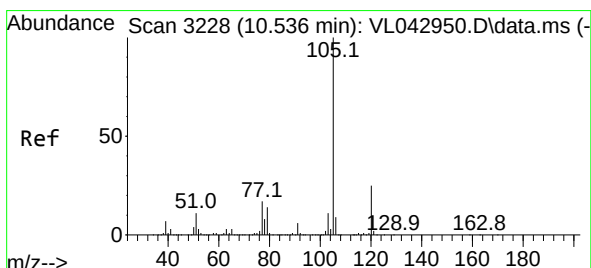
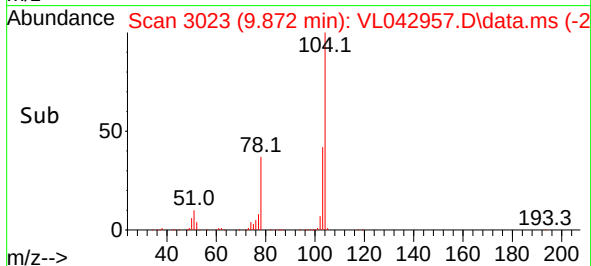
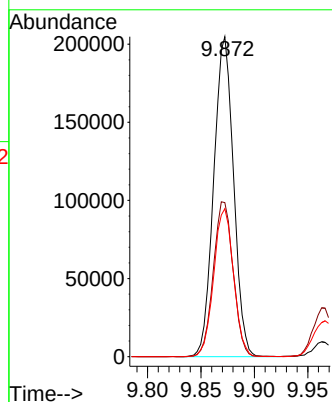
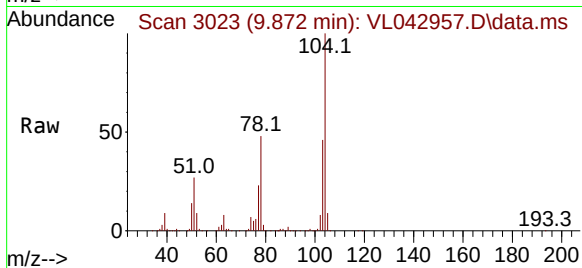
Tgt Ion:104 Resp: 264257

Ion Ratio Lower Upper

104 100

78 48.5 39.9 59.9

103 46.3 36.9 55.3



#62

Isopropylbenzene

Concen: 9.230 ppbv

RT: 10.539 min Scan# 3229

Delta R.T. 0.003 min

Lab File: VL042957.D

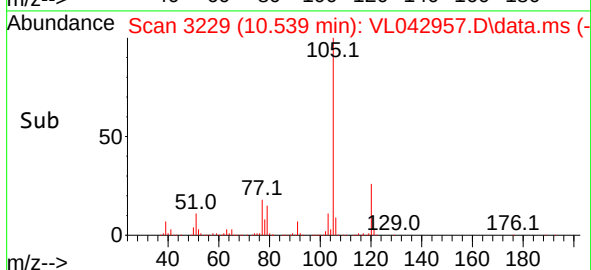
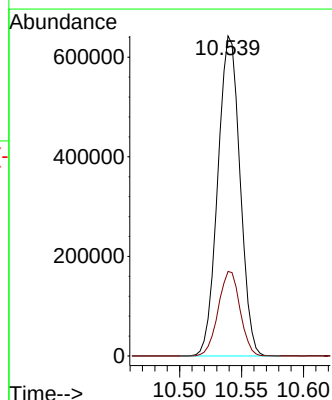
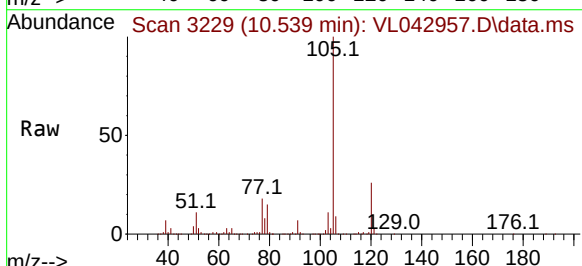
Acq: 22 Sep 2025 14:15

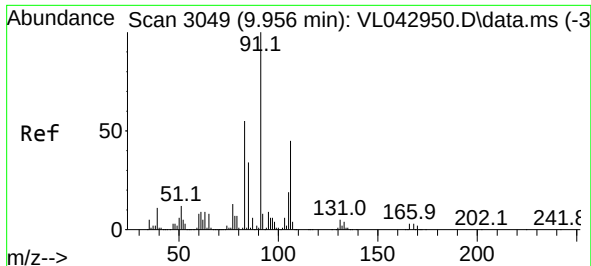
Tgt Ion:105 Resp: 802723

Ion Ratio Lower Upper

105 100

120 26.0 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 8.883 ppbv

RT: 9.963 min Scan# 3049

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_1

ClientSampleId :

ICVVL092225

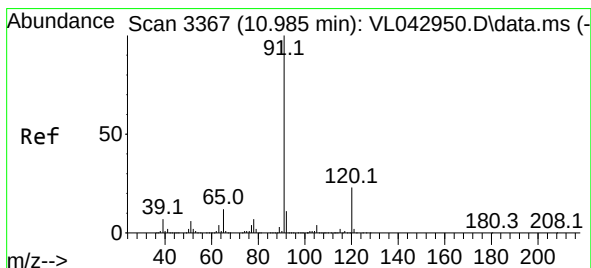
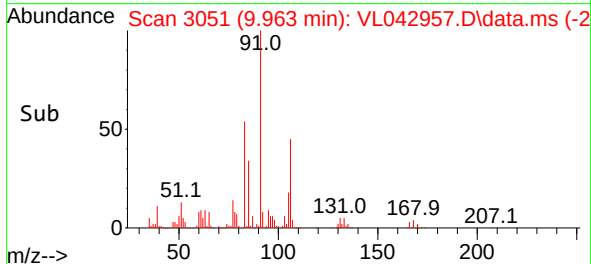
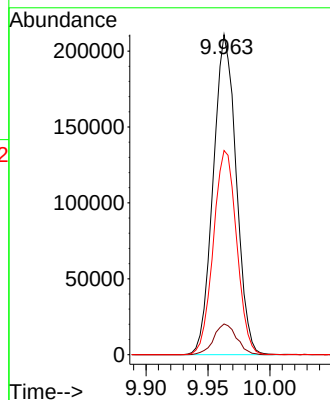
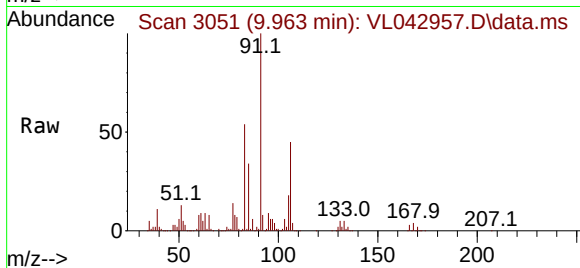
Tgt Ion: 83 Resp: 272416

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.7 32.2 96.6



#64

n-propylbenzene

Concen: 9.433 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. 0.003 min

Lab File: VL042957.D

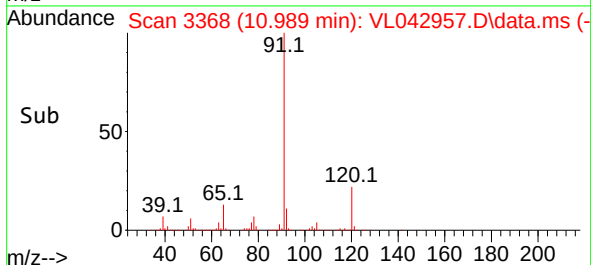
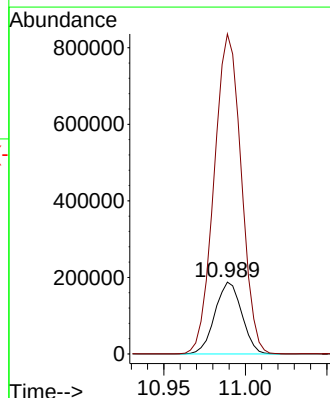
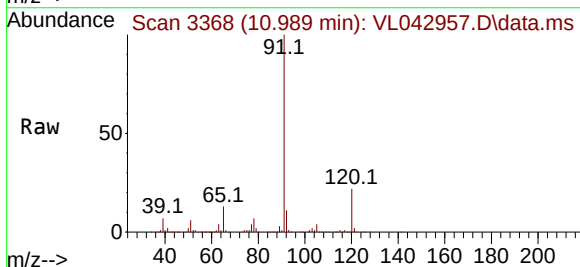
Acq: 22 Sep 2025 14:15

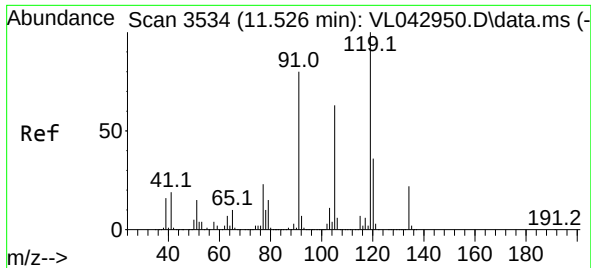
Tgt Ion: 120 Resp: 214374

Ion Ratio Lower Upper

120 100

91 452.3 364.9 547.3

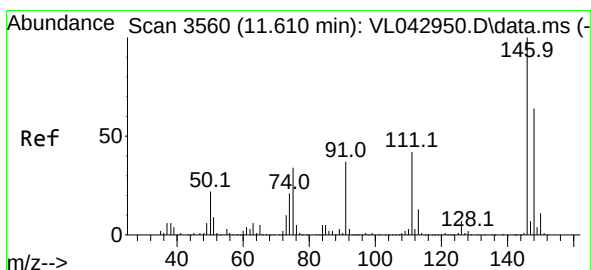
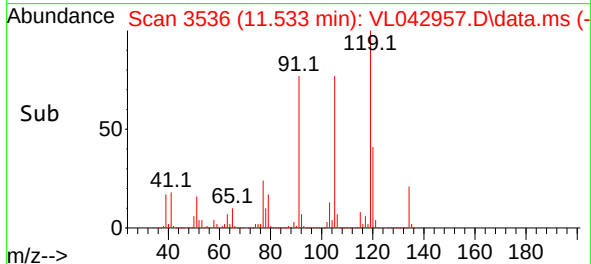
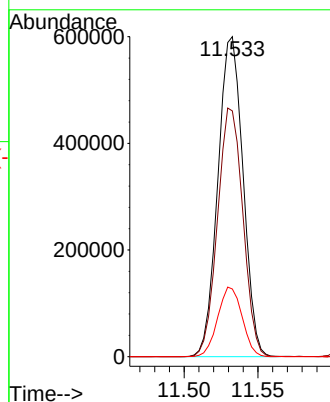
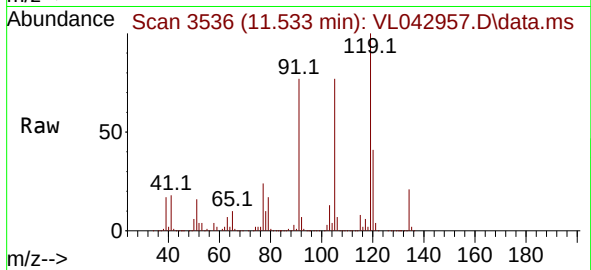




#65
tert-Butylbenzene
Concen: 9.196 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

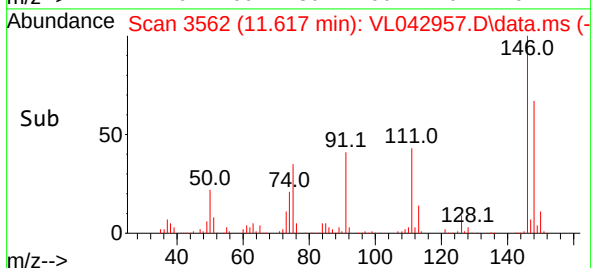
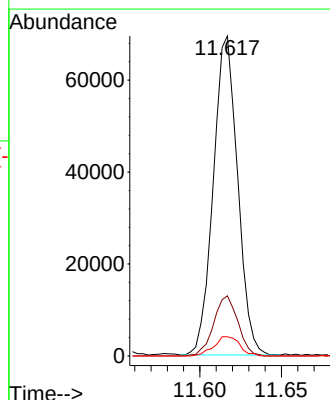
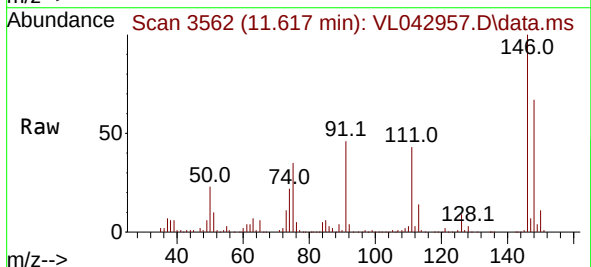
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

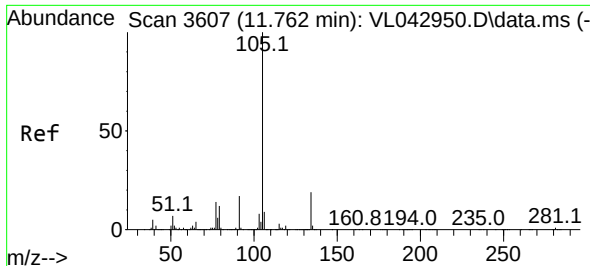
Tgt Ion:119 Resp: 711319
Ion Ratio Lower Upper
119 100
91 78.3 63.1 94.7
134 21.1 17.0 25.6



#66
Benzyl Chloride
Concen: 8.858 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion: 91 Resp: 71896
Ion Ratio Lower Upper
91 100
126 18.8 14.6 21.8
128 6.4 5.0 7.4

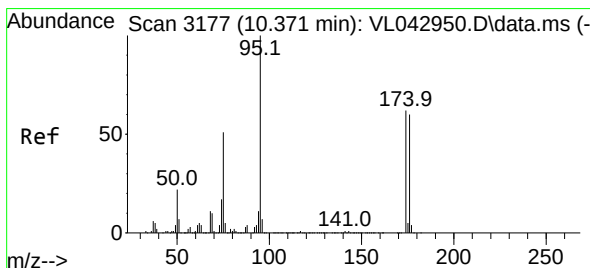
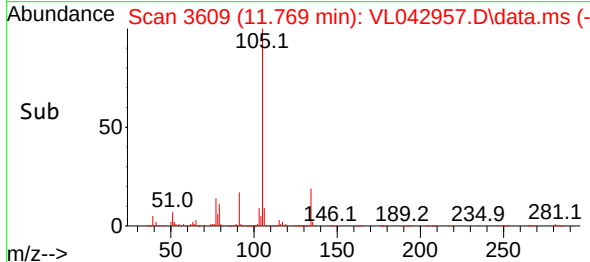
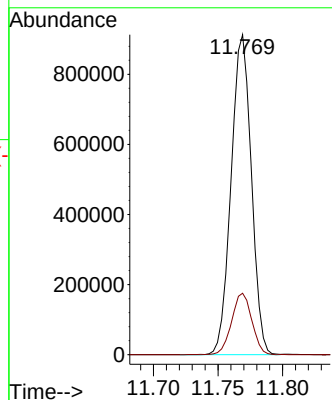
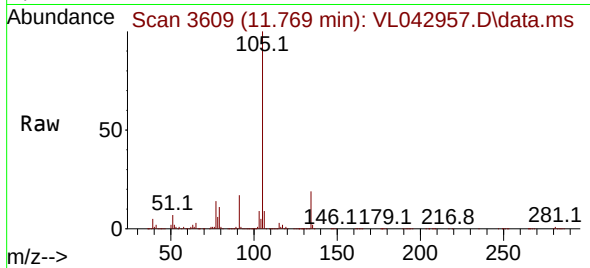




#67
 sec-Butylbenzene
 Concen: 9.235 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. 0.007 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

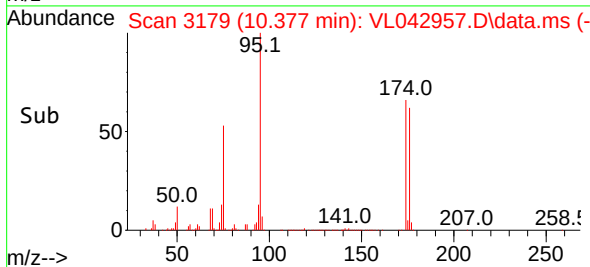
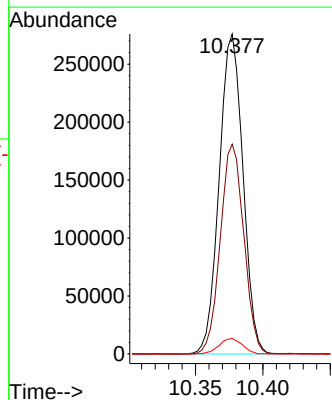
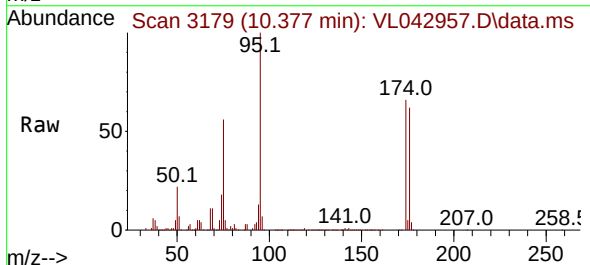
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092225

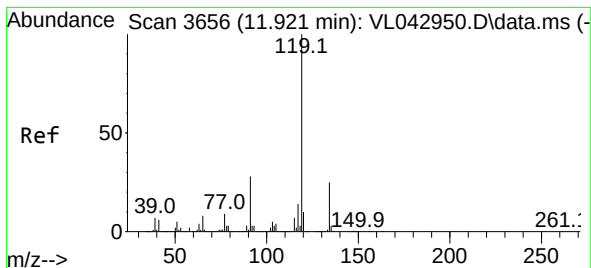
Tgt Ion:105 Resp: 995407
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.7 23.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.043 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.007 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Tgt Ion: 95 Resp: 338071
 Ion Ratio Lower Upper
 95 100
 174 65.0 51.4 77.2
 175 4.8 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.316 ppbv

RT: 11.928 min Scan# 3658

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092225

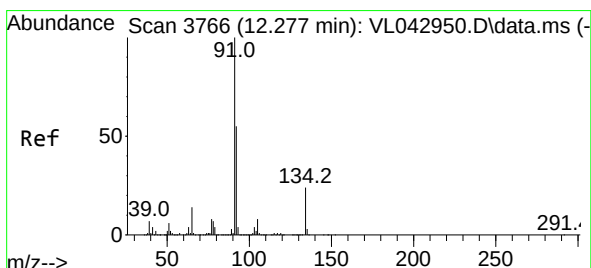
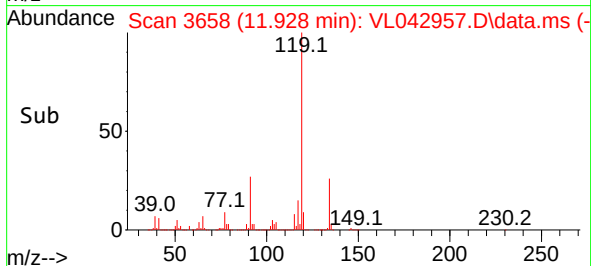
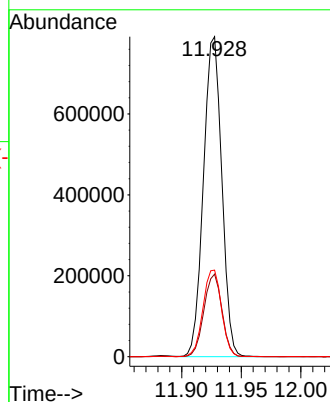
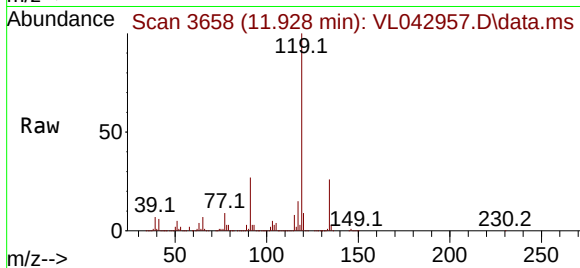
Tgt Ion:119 Resp: 848196

Ion Ratio Lower Upper

119 100

134 25.6 21.0 31.4

91 27.5 22.3 33.5



#70

n-Butylbenzene

Concen: 9.392 ppbv

RT: 12.280 min Scan# 3767

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

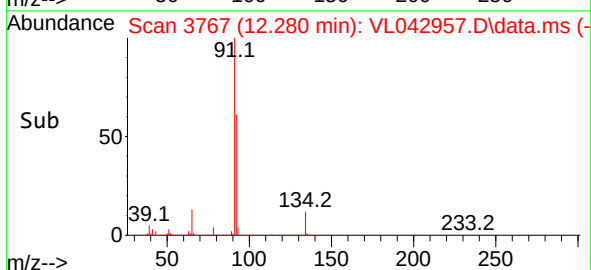
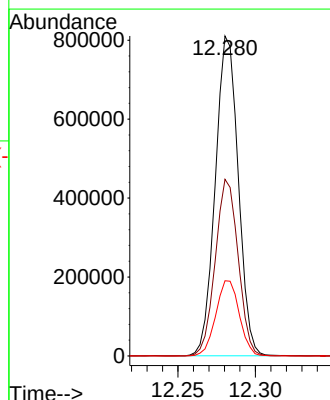
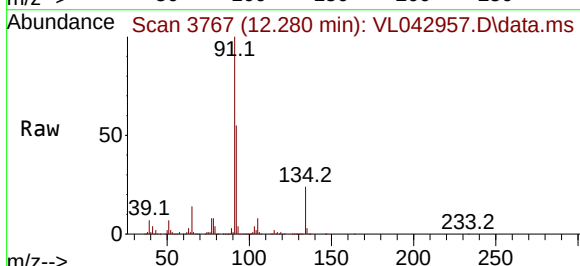
Tgt Ion: 91 Resp: 834882

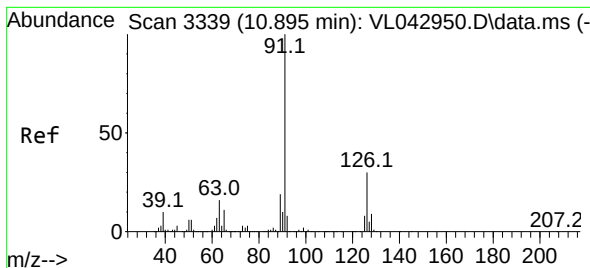
Ion Ratio Lower Upper

91 100

92 55.2 44.0 66.0

134 24.2 19.4 29.2





#71

2-Chlorotoluene

Concen: 9.315 ppbv

RT: 10.902 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

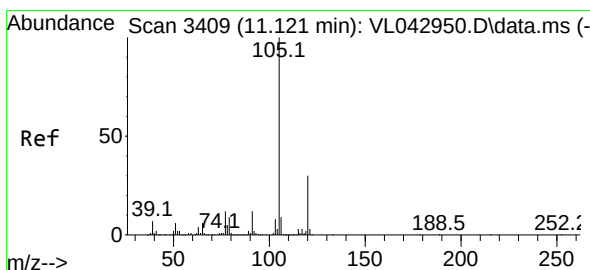
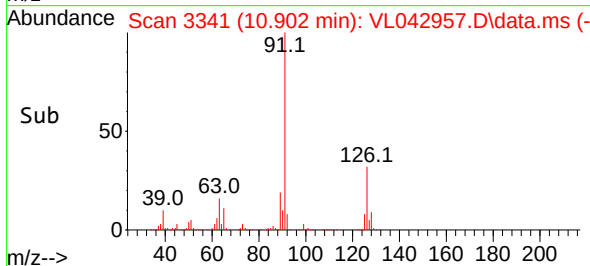
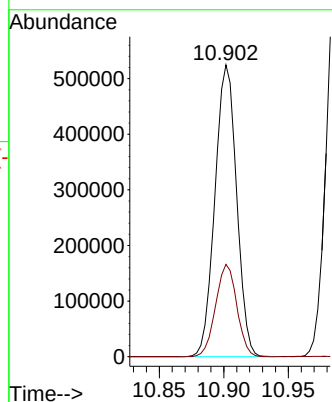
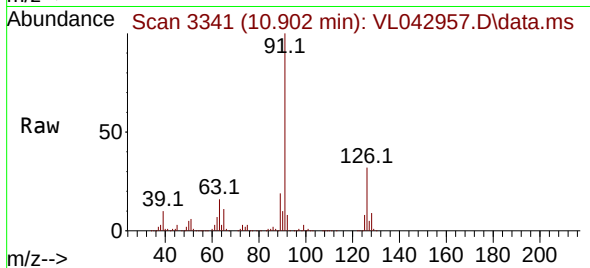
ICVVL092225

Tgt Ion: 91 Resp: 611697

Ion Ratio Lower Upper

91 100

126 30.9 12.3 49.3



#72

4-Ethyltoluene

Concen: 9.391 ppbv

RT: 11.125 min Scan# 3410

Delta R.T. 0.003 min

Lab File: VL042957.D

Acq: 22 Sep 2025 14:15

Tgt Ion: 105 Resp: 686229

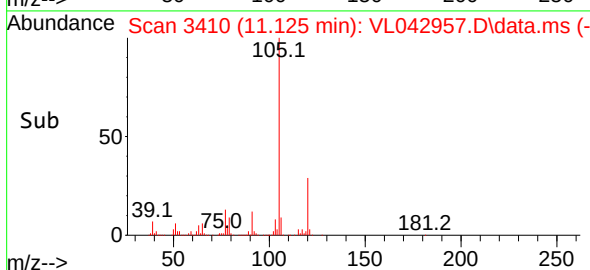
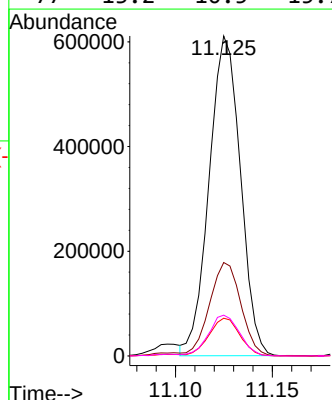
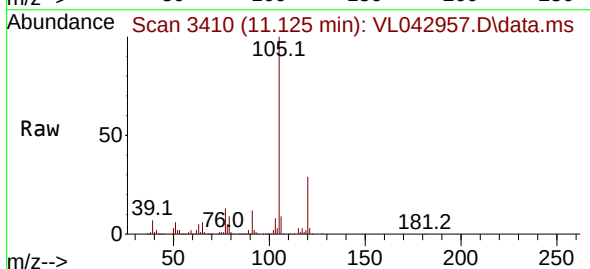
Ion Ratio Lower Upper

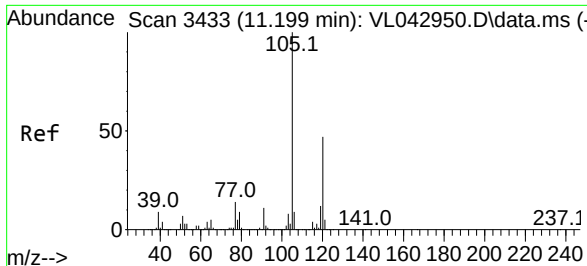
105 100

120 30.2 24.2 36.2

91 12.2 10.0 15.0

77 13.2 10.5 15.7

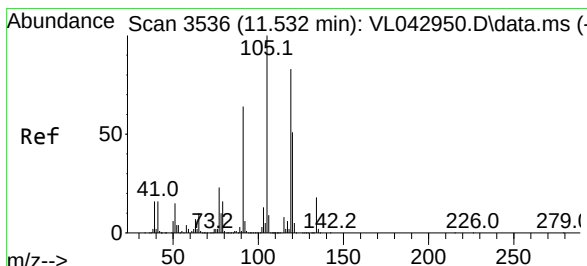
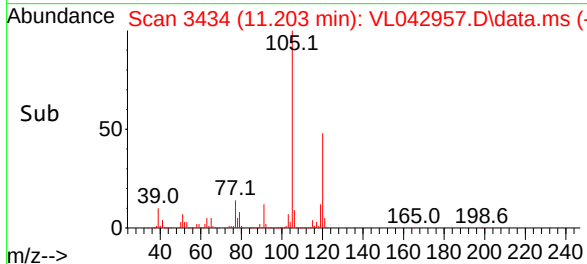
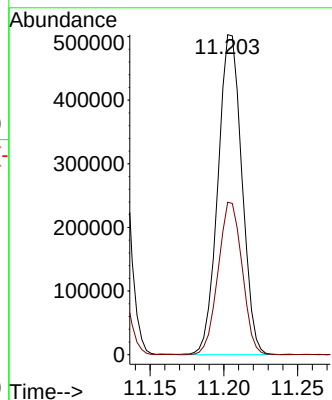
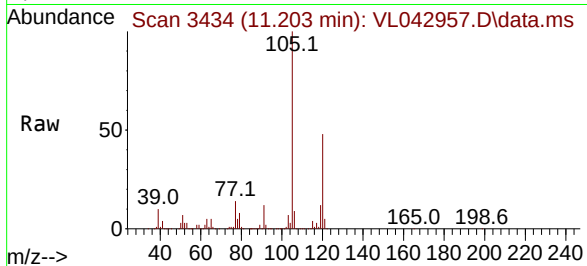




#73
1,3,5-Trimethylbenzene
Concen: 9.582 ppbv
RT: 11.203 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

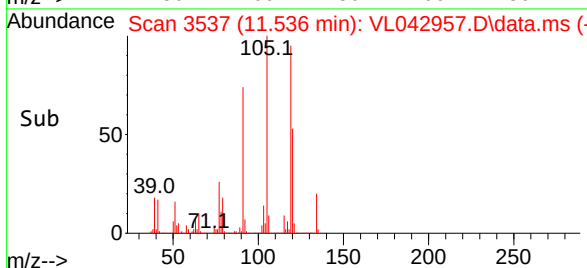
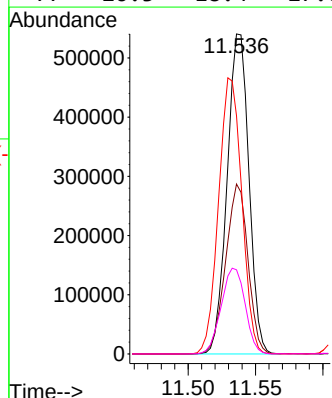
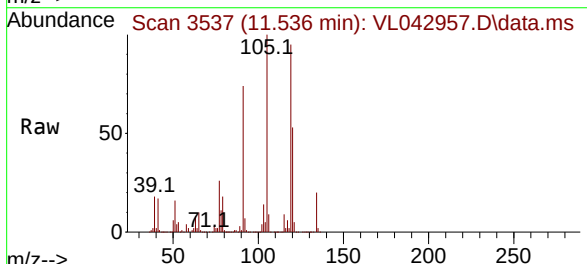
Instrument :
MSVOA_1
ClientSampleId :
ICVVL092225

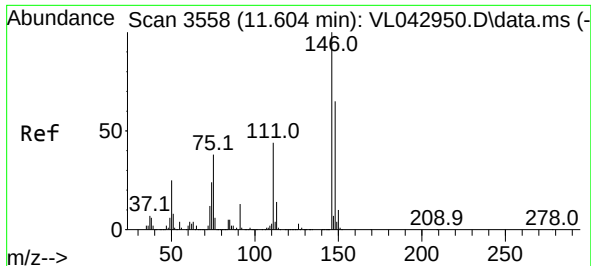
Tgt Ion:105 Resp: 567874
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0



#74
1,2,4-Trimethylbenzene
Concen: 9.277 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:105 Resp: 607159
Ion Ratio Lower Upper
105 100
120 53.1 40.9 61.3
91 74.4 51.2 76.8
77 26.3 18.4 27.6

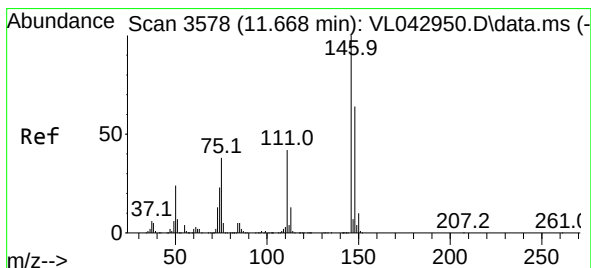
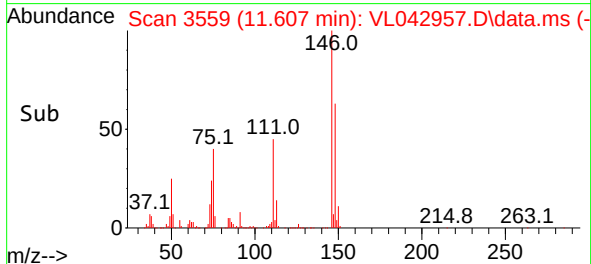
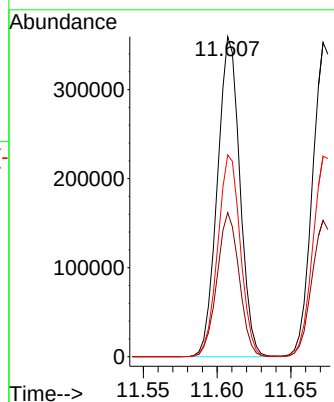
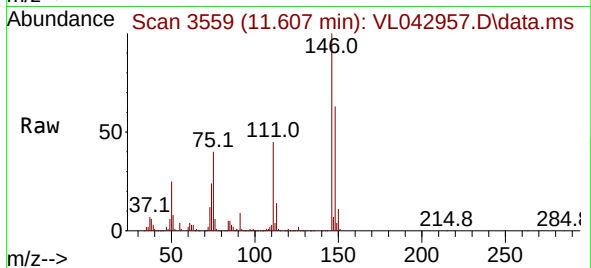




#75
1,3-Dichlorobenzene
Concen: 9.382 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

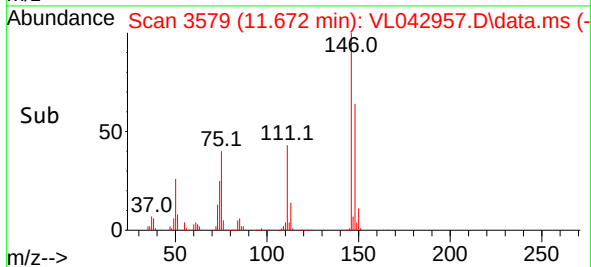
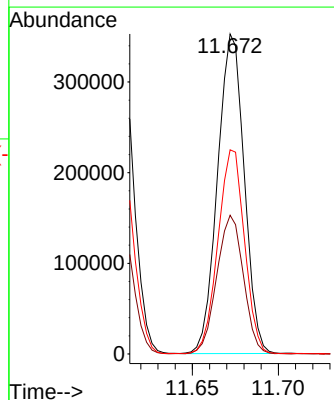
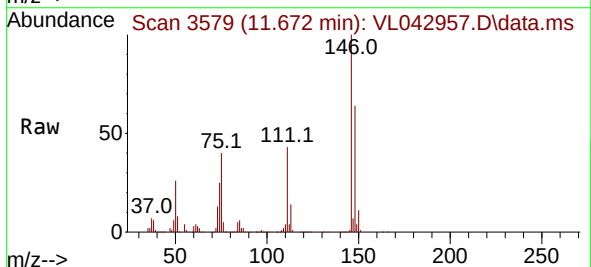
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

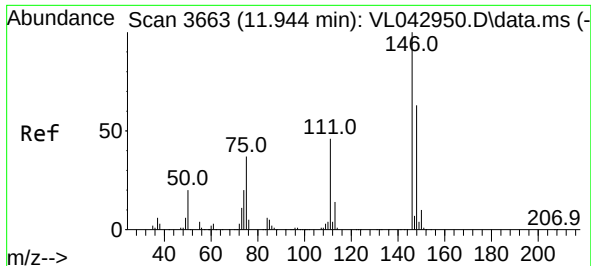
Tgt Ion:146 Resp: 380822
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.9
148 63.5 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 9.429 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:146 Resp: 380109
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 64.0 31.9 95.5

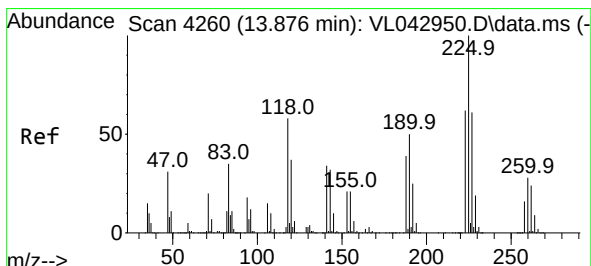
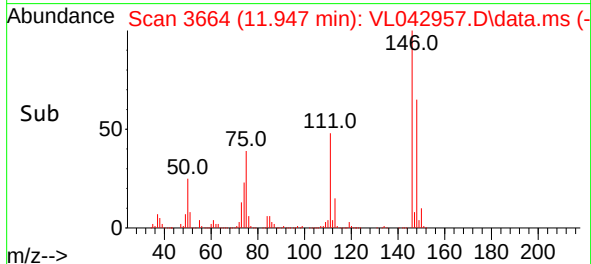
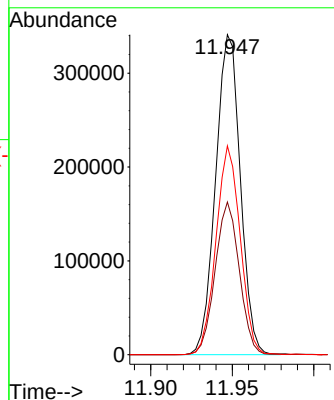
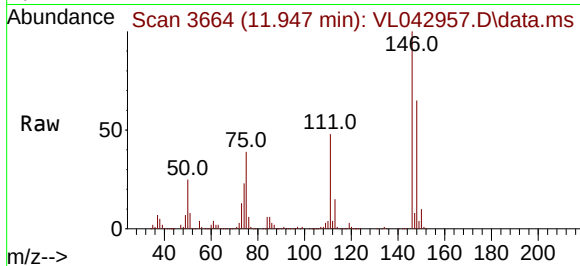




#77
1,2-Dichlorobenzene
Concen: 9.322 ppbv
RT: 11.947 min Scan# 3663
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

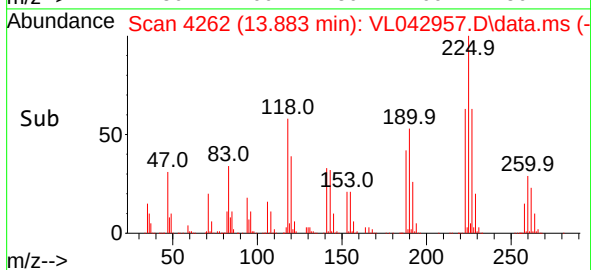
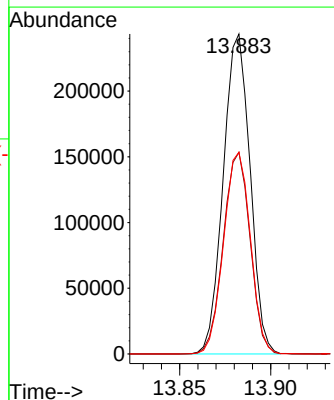
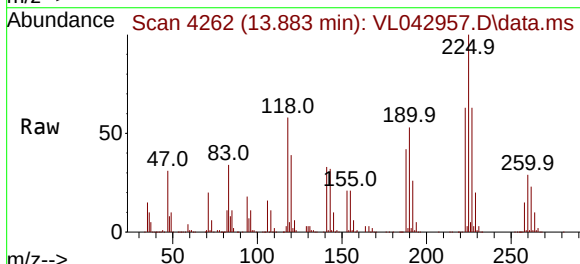
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

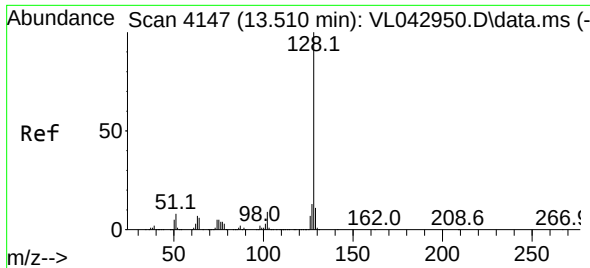
Tgt Ion:146 Resp: 359995
Ion Ratio Lower Upper
146 100
111 46.7 23.1 69.3
148 63.9 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.248 ppbv
RT: 13.883 min Scan# 4262
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:225 Resp: 249142
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.0 50.4 75.6

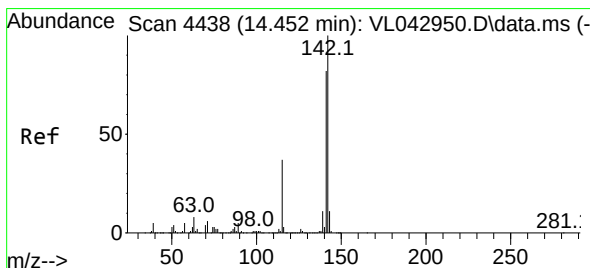
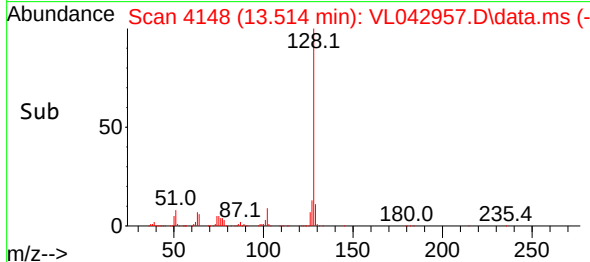
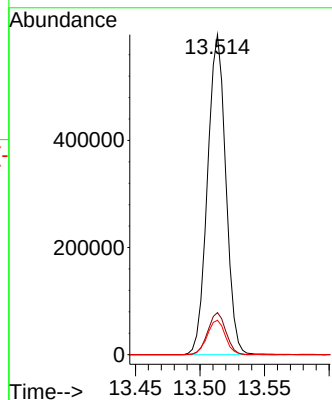
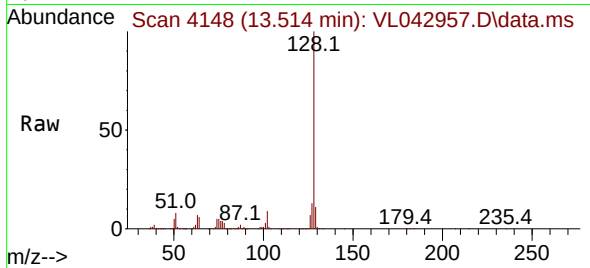




#79
Naphthalene
Concen: 10.208 ppbv
RT: 13.514 min Scan# 4147
Delta R.T. 0.003 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

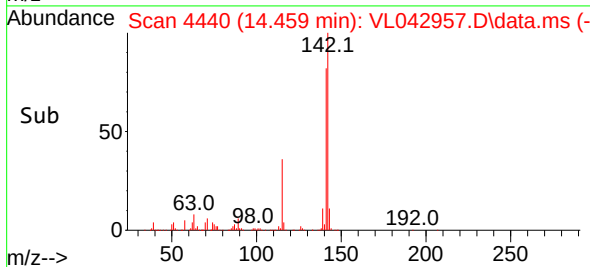
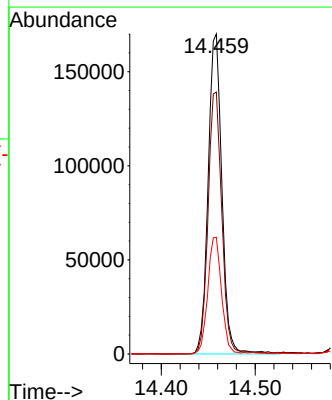
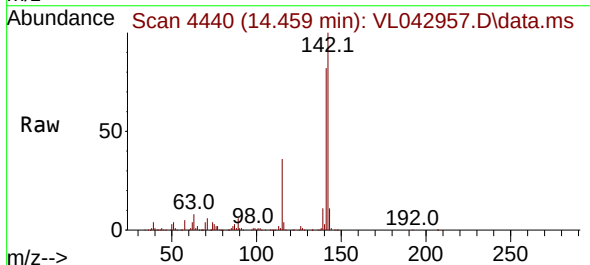
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

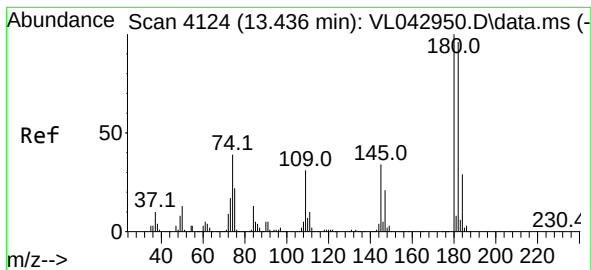
Tgt Ion:128 Resp: 590759
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 9.0 13.6



#80
Naphthalene,2-methyl-
Concen: 9.678 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. 0.007 min
Lab File: VL042957.D
Acq: 22 Sep 2025 14:15

Tgt Ion:142 Resp: 173023
Ion Ratio Lower Upper
142 100
141 82.7 65.1 97.7
115 37.5 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.845 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042957.D
 Acq: 22 Sep 2025 14:15

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092225

Tgt Ion:180 Resp: 304647
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.7 113.5
 184 29.9 23.9 35.9

