

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081125\
 Data File : VL042840.D
 Acq On : 11 Aug 2025 13:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 12 02:32:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 12 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	125460	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	338612	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	299447	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	243564	10.093	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	169886	9.681	ppbv	99
3) Chlorodifluoromethane	1.476	51	229668	9.777	ppbv	98
4) Chloromethane	1.531	50	71587	9.729	ppbv	100
5) Vinyl Chloride	1.580	62	61698	8.784	ppbv	95
6) Bromomethane	1.667	94	24625	9.313	ppbv	99
7) Chloroethane	1.703	64	24818	9.353	ppbv	95
8) Dichlorotetrafluoroethane	1.554	85	139202	9.532	ppbv	99
9) Propene	1.483	41	76307	9.434	ppbv	99
10) Heptane	4.978	43	235459	12.042	ppbv	99
11) Trichlorofluoromethane	1.877	101	164049	9.346	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	130090	9.369	ppbv	99
13) Ethanol	1.722	45	5840	10.183	ppbv	92
14) Bromoethene	1.780	108	46469	9.164	ppbv	96
15) Acetone	1.835	43	138287	7.831	ppbv	98
16) 1,3-Butadiene	1.609	39	72245	9.335	ppbv	98
17) tert-Butyl alcohol	2.039	59	145934	9.563	ppbv	100
18) 1,1-Dichloroethene	2.033	96	56983	9.604	ppbv	99
19) Isopropyl Alcohol	1.884	45	83875	8.770	ppbv	100
20) Methylene Chloride	2.062	84	50815	9.803	ppbv	92
21) Allyl Chloride	2.094	41	111717	9.984	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	64986	9.698	ppbv	96
23) Vinyl Acetate	2.463	43	243861	10.764	ppbv	99
24) 1,1-Dichloroethane	2.408	63	130572	9.433	ppbv	99
25) Ethyl Acetate	2.835	43	425031	10.690	ppbv	100
26) Hexane	2.826	57	183654	10.480	ppbv	99
27) Carbon Disulfide	2.149	76	158556	9.967	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	74129	9.143	ppbv	99
29) Chloroform	2.848	83	286769	10.060	ppbv	98
30) Cyclohexane	3.855	84	148958	12.126	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	175231	10.544	ppbv	96
32) 1,1,1-Trichloroethane	3.366	97	273570	10.153	ppbv	99
34) 2-Butanone	2.557	43	271205	10.752	ppbv	100
35) Carbon Tetrachloride	3.761	117	293184	10.024	ppbv	98
36) Benzene	3.654	78	357807	11.017	ppbv	99
37) 1,2-Dichloroethane	3.217	62	217201	10.299	ppbv	99
38) Trichloroethene	4.548	130	161225	9.840	ppbv	98
39) 1,2-Dichloropropane	4.311	63	132152	10.369	ppbv	96
40) 1,4-Dioxane	4.580	88	55134	11.253	ppbv #	96
41) Tetrahydrofuran	3.052	42	145076	12.139	ppbv	99
42) Bromodichloromethane	4.486	83	302710	10.659	ppbv	99
43) Methyl Methacrylate	4.878	69	129537	12.161	ppbv	100
44) 2,2,4-Trimethylpentane	4.638	57	617679	11.331	ppbv	100
45) t-1,3-Dichloropropene	6.415	75	140066	11.953	ppbv	96

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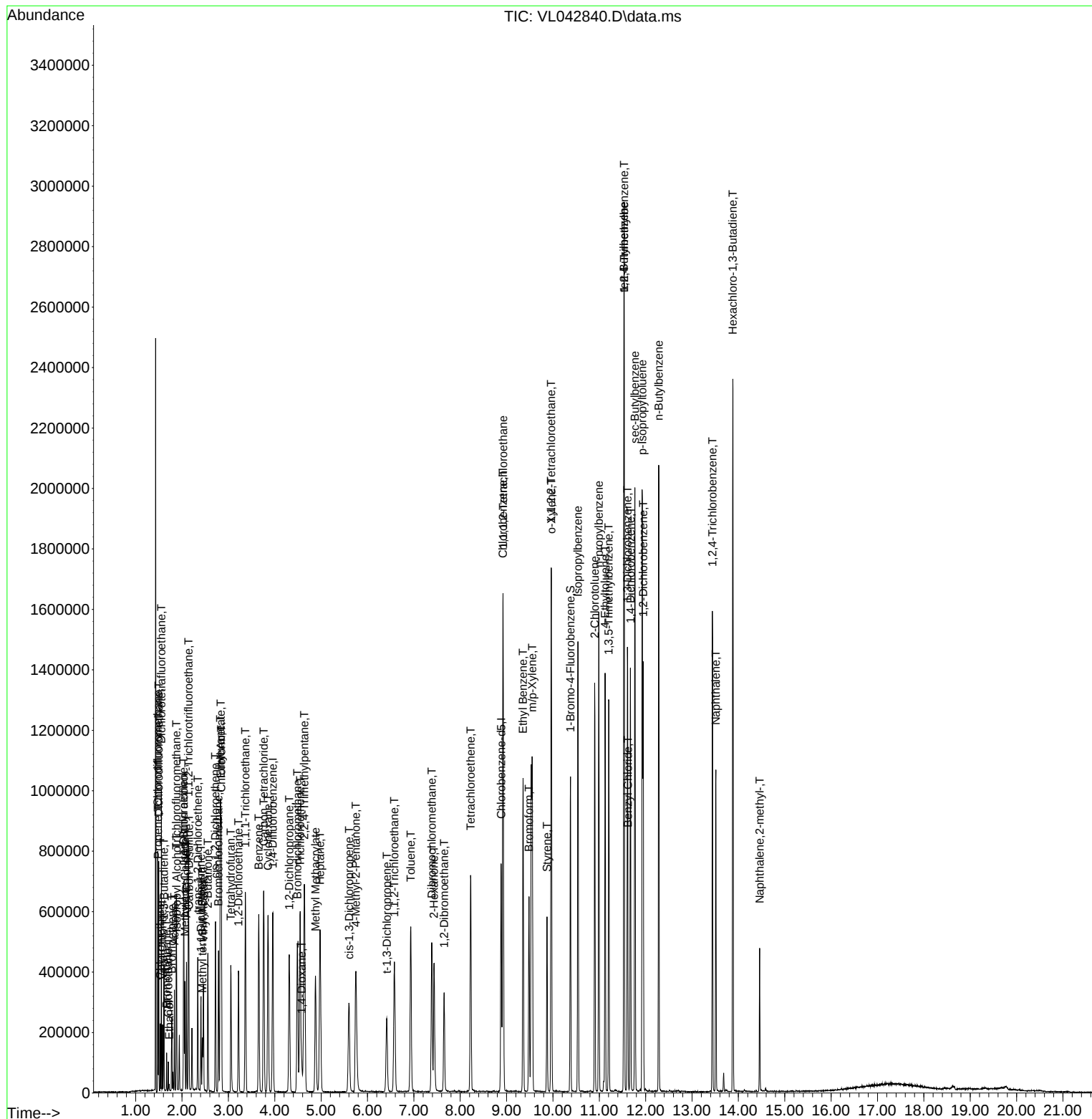
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	181353	11.565	ppbv	98
47) 1,1,2-Trichloroethane	6.580	97	142220	10.295	ppbv	100
48) Dibromochloromethane	7.386	129	240818	10.723	ppbv	98
49) Bromoform	9.484	173	215340	10.934	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	358141	12.265	ppbv	99
51) 2-Hexanone	7.435	43	282062	13.110	ppbv	99
52) Tetrachloroethene	8.224	164	127986	10.000	ppbv	99
53) Toluene	6.933	91	385073	12.593	ppbv	100
54) 1,2-Dibromoethane	7.652	107	203286	10.953	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.924	131	187607	10.195	ppbv	99
57) Chlorobenzene	8.920	112	324062	10.168	ppbv	97
58) Ethyl Benzene	9.354	91	544632	12.515	ppbv	99
59) m/p-Xylene	9.552	91	451160	12.025	ppbv #	100
60) o-Xylene	9.966	91	453682	12.321	ppbv	99
61) Styrene	9.872	104	179881	9.671	ppbv	98
62) Isopropylbenzene	10.539	105	653299	11.710	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	266936	9.728	ppbv	98
64) n-propylbenzene	10.989	120	173876	12.025	ppbv	98
65) tert-Butylbenzene	11.532	119	600574	12.163	ppbv	100
66) Benzyl Chloride	11.616	91	60327	11.412	ppbv	98
67) sec-Butylbenzene	11.769	105	839423	11.517	ppbv	99
69) p-Isopropyltoluene	11.927	119	703523	12.149	ppbv	99
70) n-Butylbenzene	12.280	91	717337	12.425	ppbv	100
71) 2-Chlorotoluene	10.901	91	495538	12.104	ppbv	100
72) 4-Ethyltoluene	11.124	105	559197	12.670	ppbv	100
73) 1,3,5-Trimethylbenzene	11.202	105	467202	12.292	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	520591	11.670	ppbv	95
75) 1,3-Dichlorobenzene	11.607	146	336566	10.498	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	327992	10.938	ppbv	97
77) 1,2-Dichlorobenzene	11.947	146	325117	9.969	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	252102	9.039	ppbv	100
79) Naphthalene	13.513	128	461927	10.627	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	115981	11.928	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	262385	12.351	ppbv	99

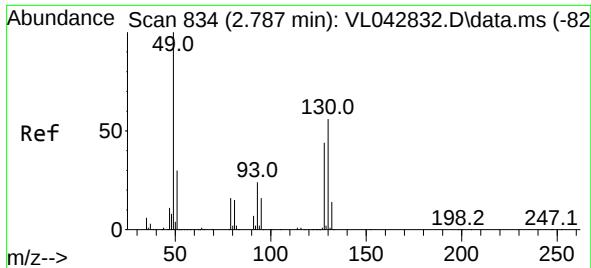
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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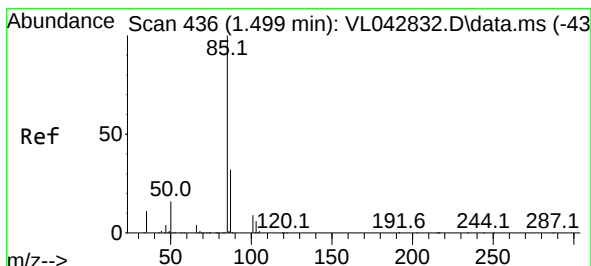
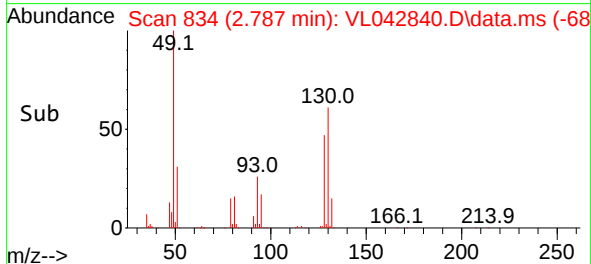
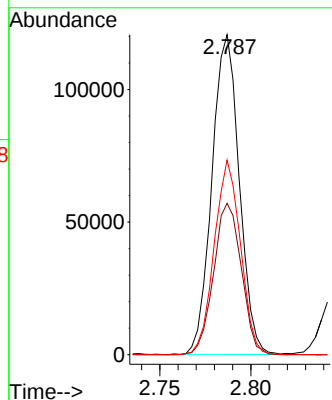
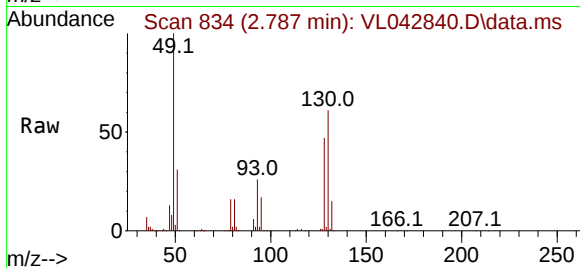




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

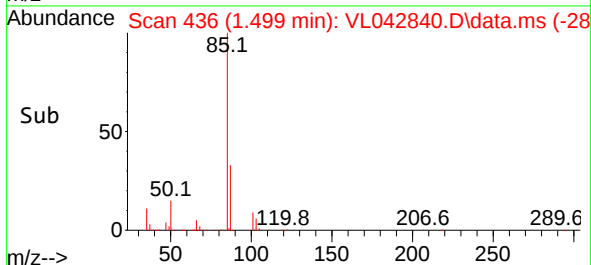
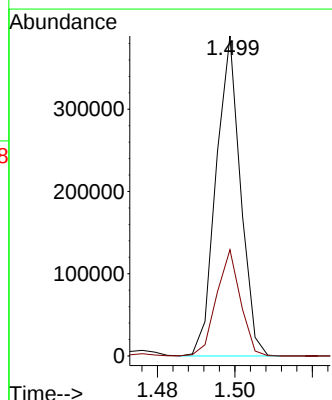
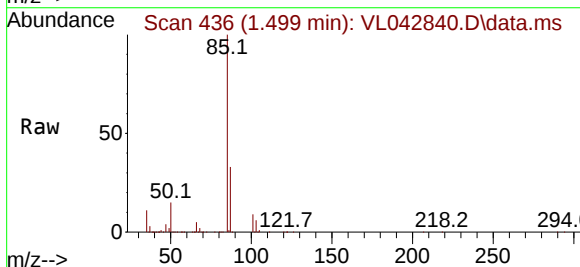
Instrument :
 MSVOA_L
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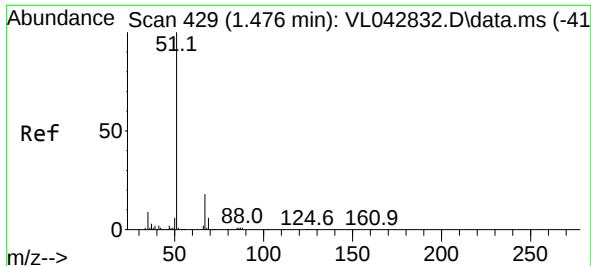
Tgt Ion: 49 Resp: 125460
 Ion Ratio Lower Upper
 49 100
 128 48.1 23.2 69.6
 130 58.5 29.0 87.1



#2
 Dichlorodifluoromethane
 Concen: 9.681 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 85 Resp: 169886
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.9 38.9

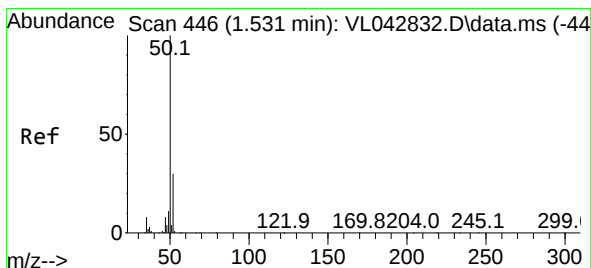
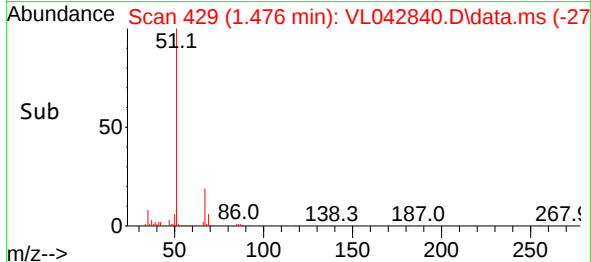
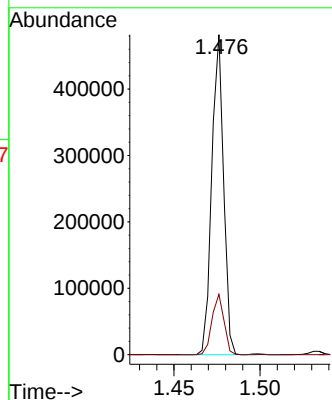
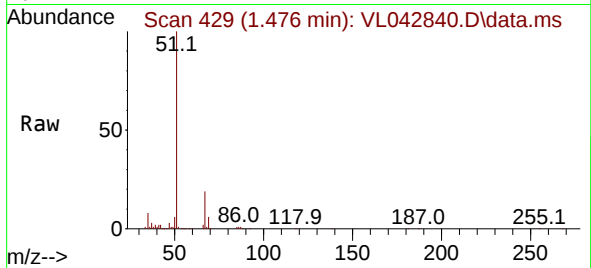




#3
Chlorodifluoromethane
Concen: 9.777 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

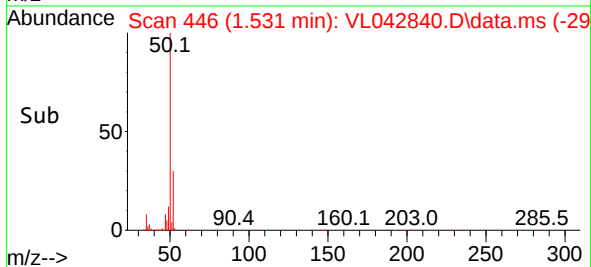
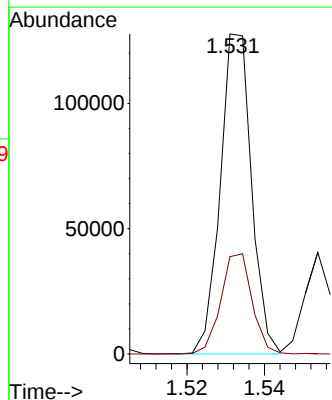
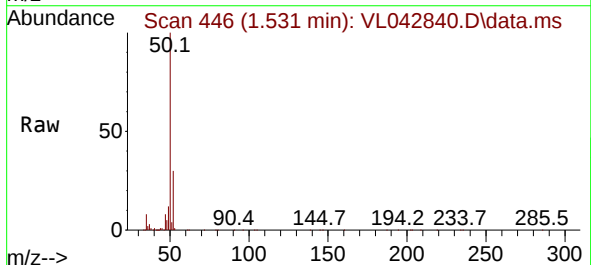
Instrument :
MSVOA_1
ClientSampleId :

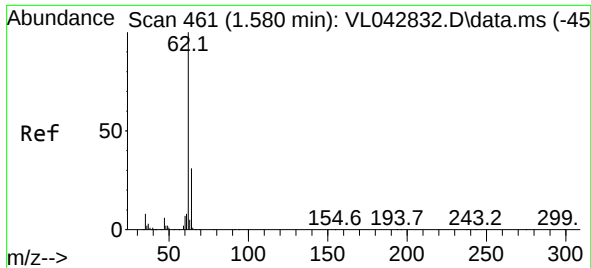
Tgt Ion: 51 Resp: 229668
Ion Ratio Lower Upper
51 100
67 19.1 14.7 22.1



#4
Chloromethane
Concen: 9.729 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 50 Resp: 71587
Ion Ratio Lower Upper
50 100
52 30.4 24.3 36.5

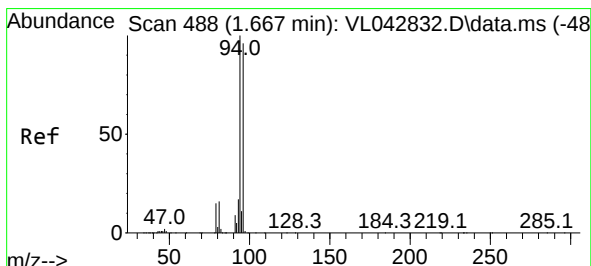
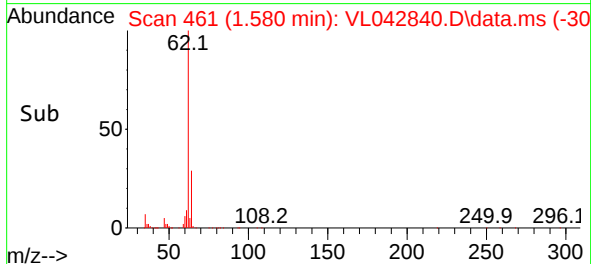
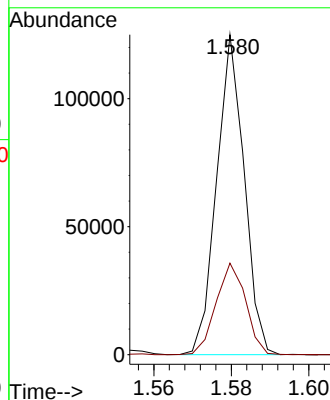
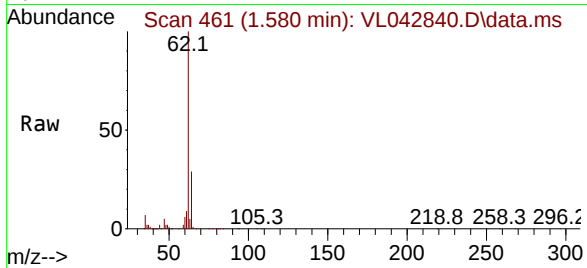




#5
 Vinyl Chloride
 Concen: 8.784 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

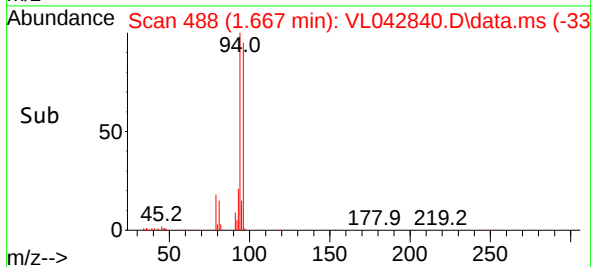
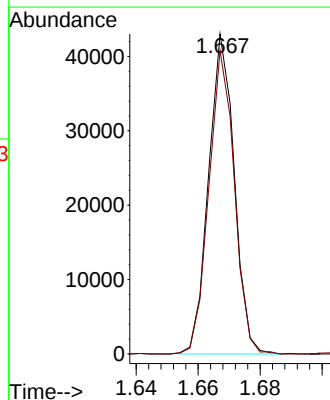
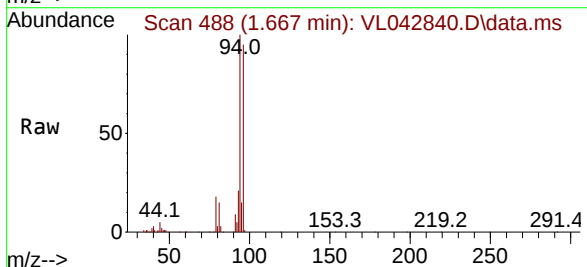
Instrument :
 MSVOA_L
 ClientSampleId :

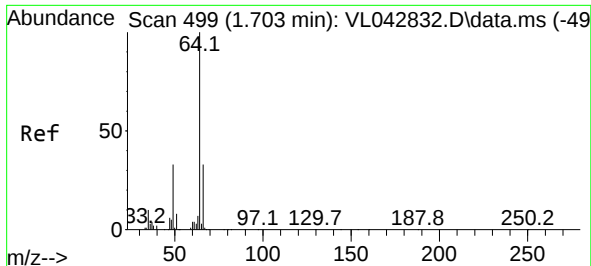
Tgt Ion: 62 Resp: 61698
 Ion Ratio Lower Upper
 62 100
 64 28.5 24.9 37.3



#6
 Bromomethane
 Concen: 9.313 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 94 Resp: 24625
 Ion Ratio Lower Upper
 94 100
 96 94.8 76.2 114.4

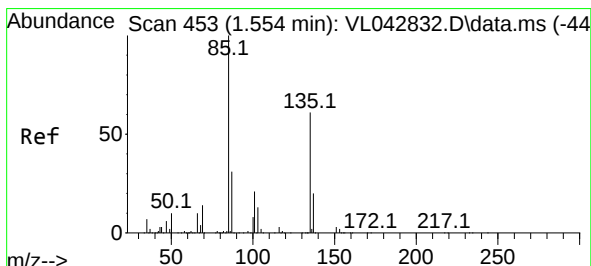
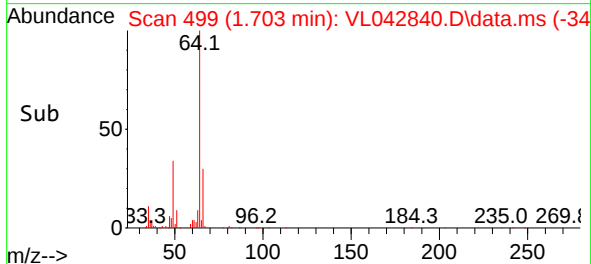
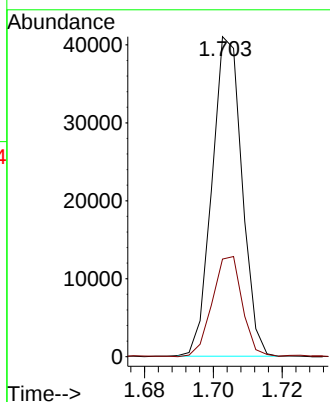
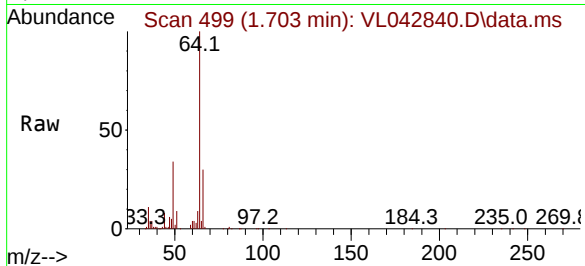




#7
Chloroethane
Concen: 9.353 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

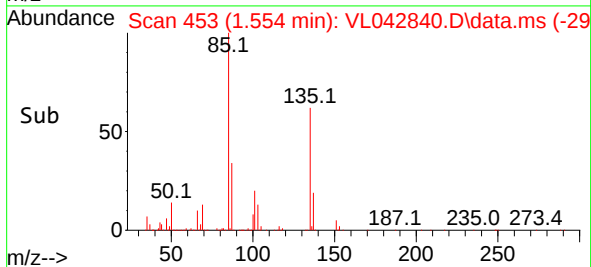
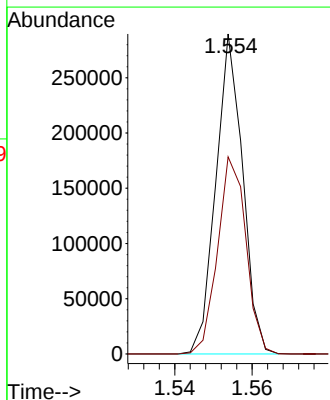
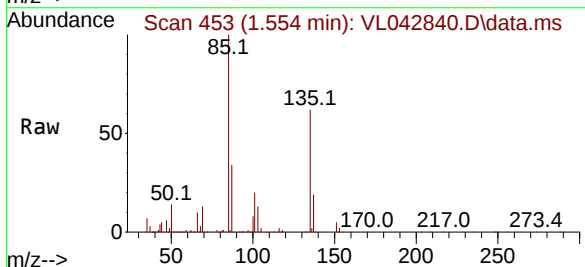
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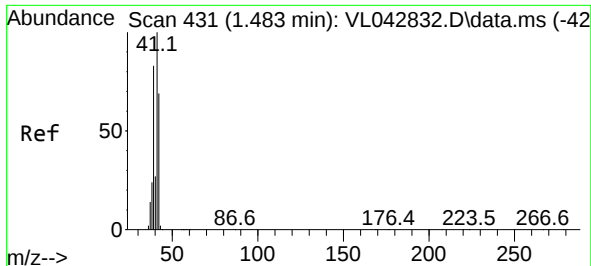
Tgt Ion: 64 Resp: 24818
Ion Ratio Lower Upper
64 100
66 30.5 26.6 40.0



#8
Dichlorotetrafluoroethane
Concen: 9.532 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 85 Resp: 139202
Ion Ratio Lower Upper
85 100
135 65.3 51.8 77.8





#9

Propene

Concen: 9.434 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

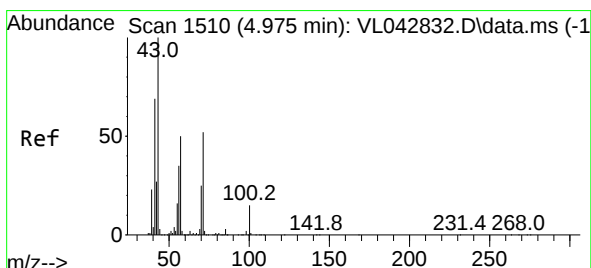
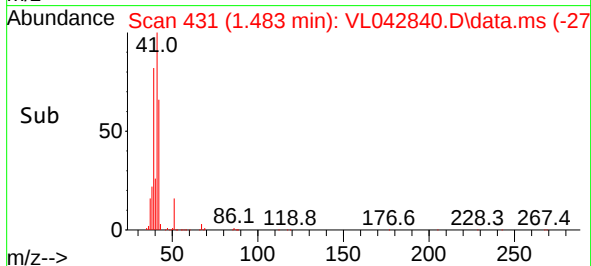
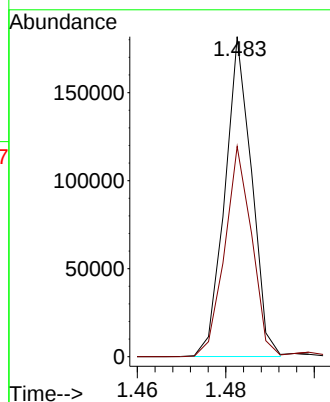
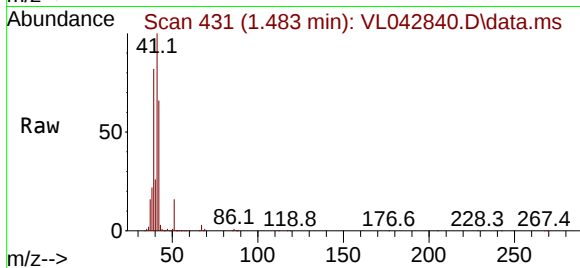
ClientSampleId :

Tgt Ion: 41 Resp: 76307

Ion Ratio Lower Upper

41 100

42 68.3 55.4 83.0



#10

Heptane

Concen: 12.042 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.003 min

Lab File: VL042840.D

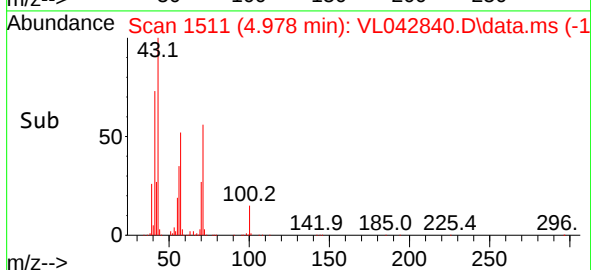
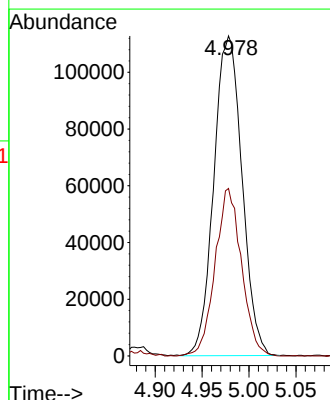
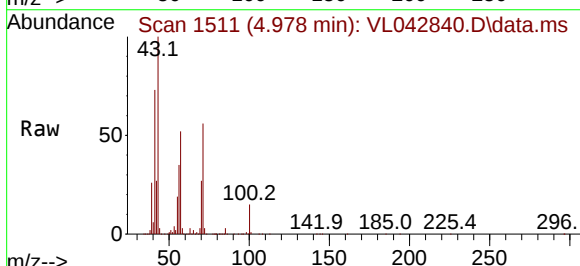
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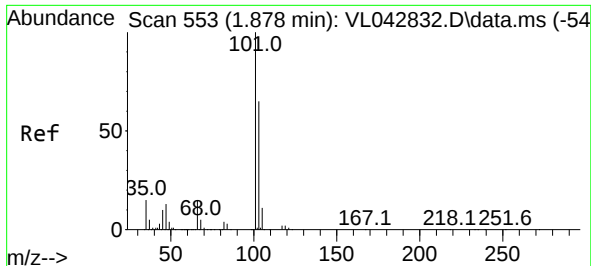
Tgt Ion: 43 Resp: 235459

Ion Ratio Lower Upper

43 100

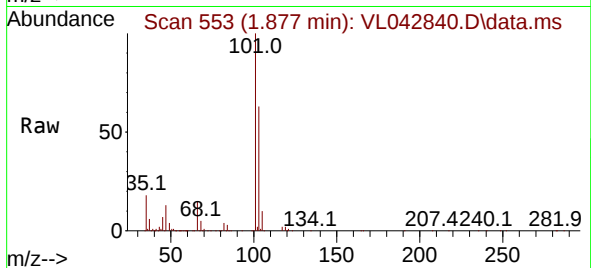
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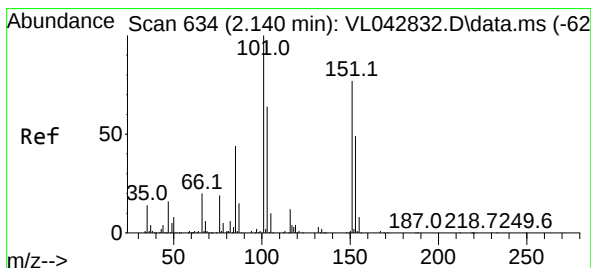
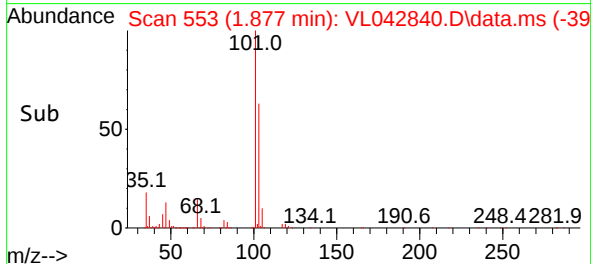
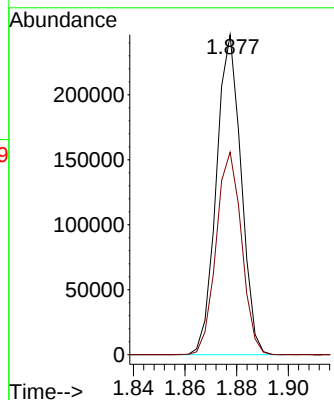


#11
 Trichlorofluoromethane
 Concen: 9.346 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Instrument :
 MSVOA_L
 ClientSampleId :

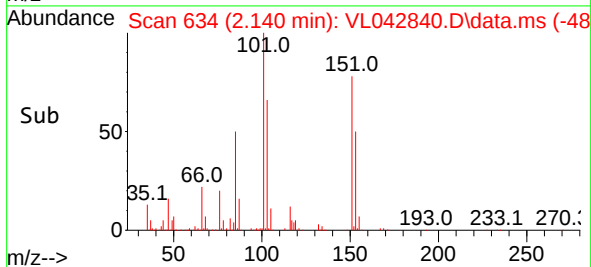
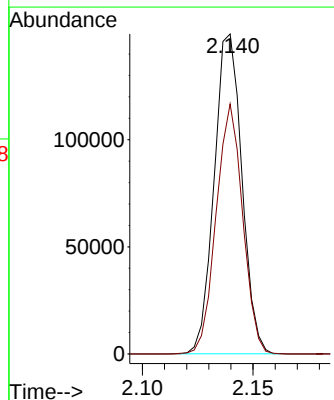
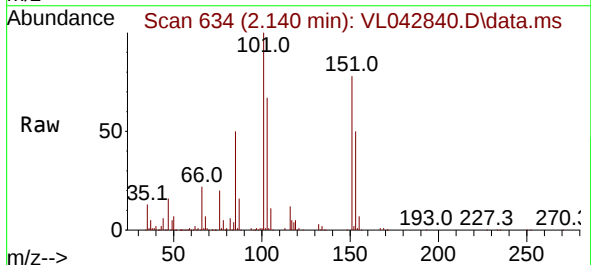


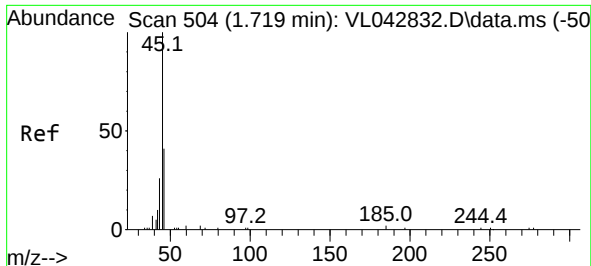
Tgt Ion:101 Resp: 164049
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.369 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion:101 Resp: 130090
 Ion Ratio Lower Upper
 101 100
 151 74.8 59.3 88.9

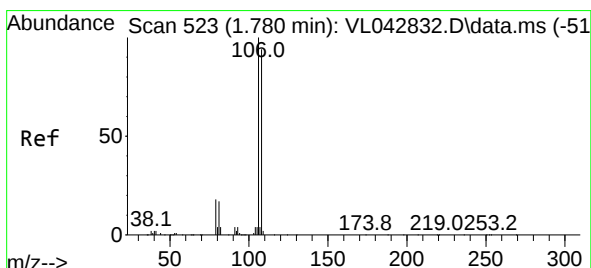
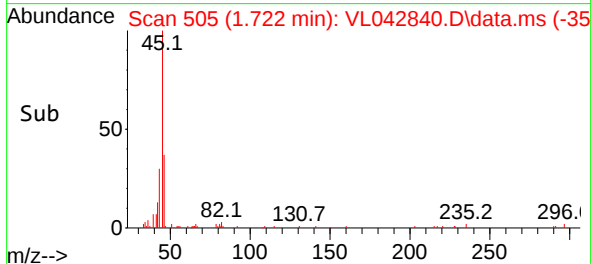
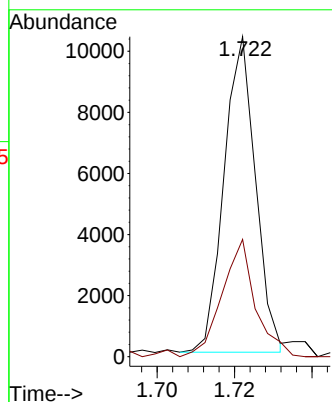
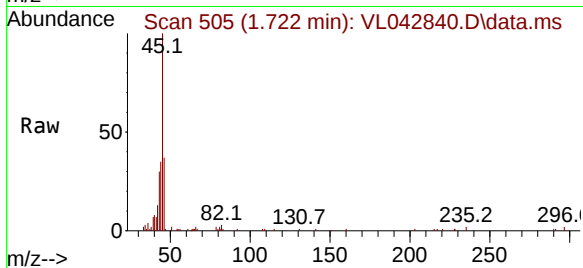




#13
Ethanol
Concen: 10.183 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

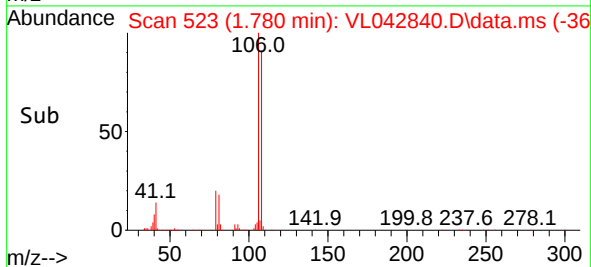
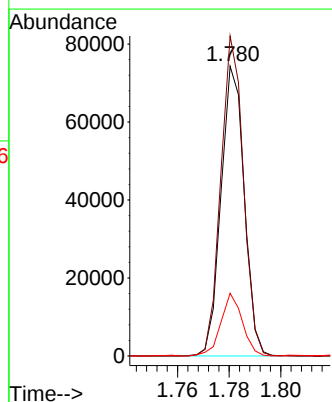
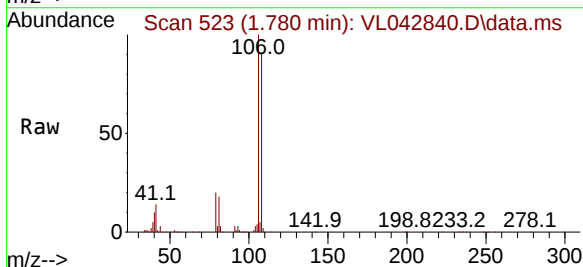
Instrument :
MSVOA_L
ClientSampleId :

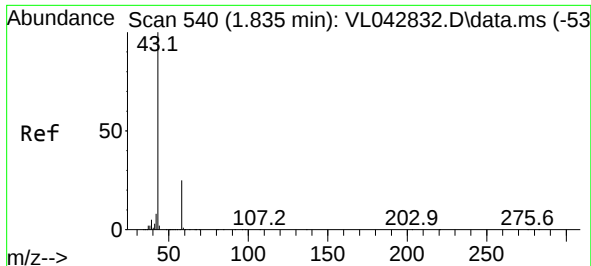
Tgt Ion: 45 Resp: 5840
Ion Ratio Lower Upper
45 100
46 40.3 18.1 72.5



#14
Bromoethene
Concen: 9.164 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 108 Resp: 46469
Ion Ratio Lower Upper
108 100
106 107.1 82.6 123.8
79 20.9 15.9 23.9

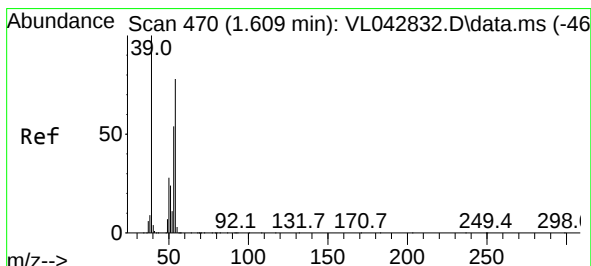
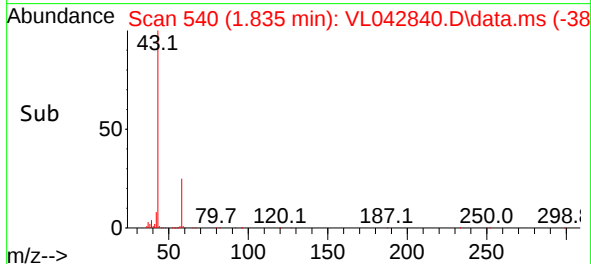
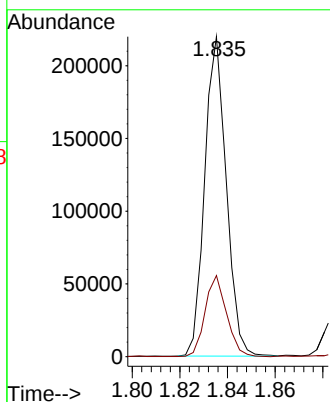
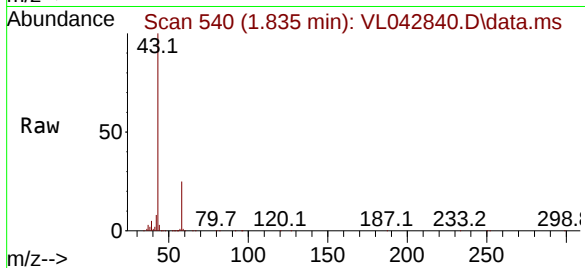




#15
Acetone
Concen: 7.831 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

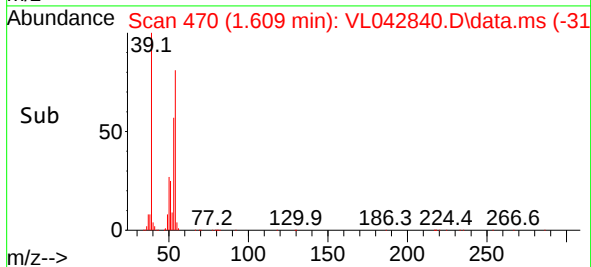
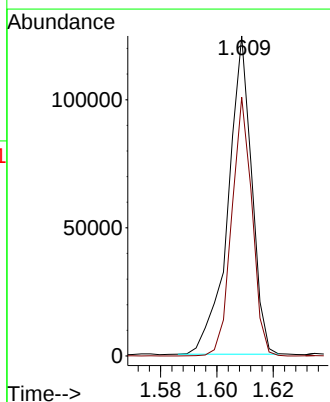
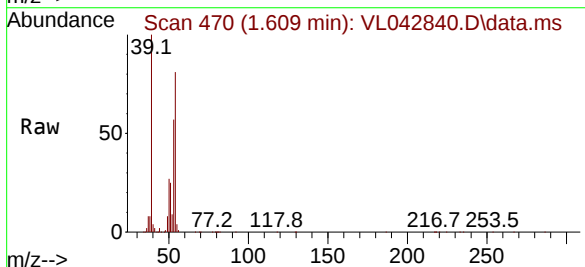
Instrument :
MSVOA_L
ClientSampleId :

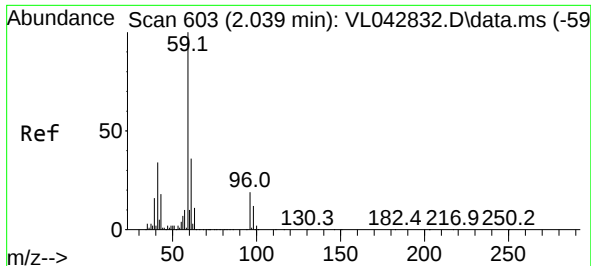
Tgt Ion: 43 Resp: 138287
Ion Ratio Lower Upper
43 100
58 25.5 19.5 29.3



#16
1,3-Butadiene
Concen: 9.335 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 39 Resp: 72245
Ion Ratio Lower Upper
39 100
54 69.4 54.1 81.1





#17

tert-Butyl alcohol

Concen: 9.563 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

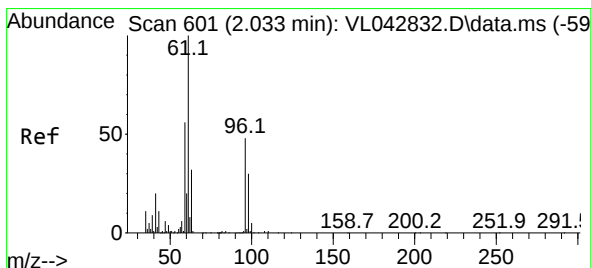
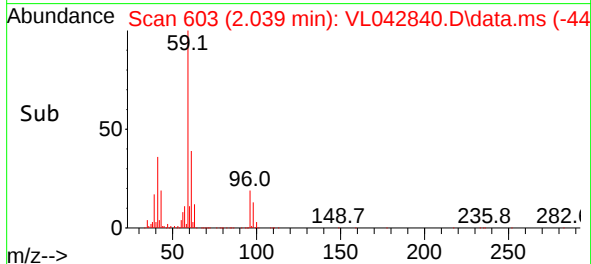
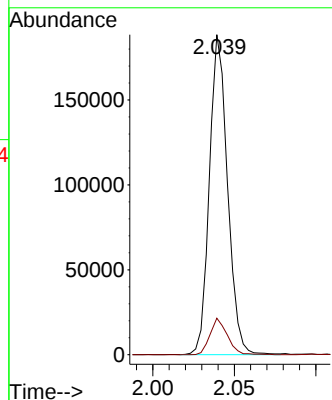
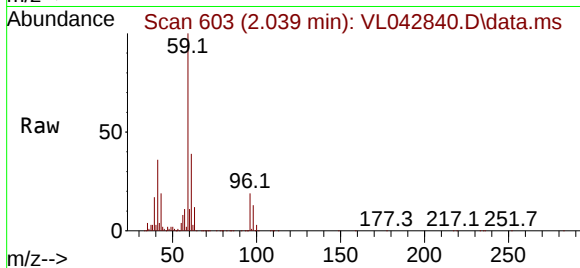
ClientSampleId :

Tgt Ion: 59 Resp: 145934

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.604 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

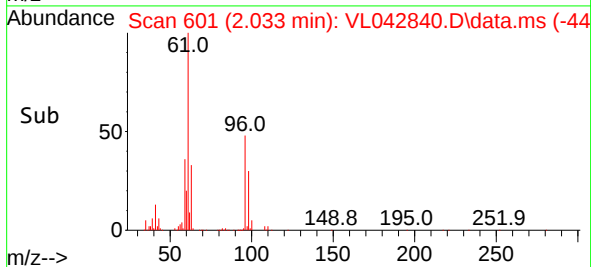
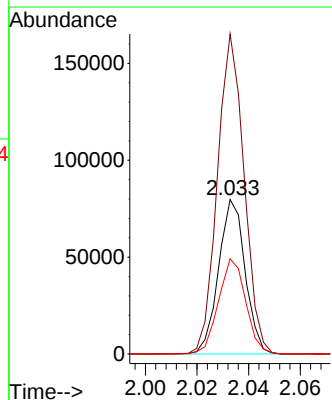
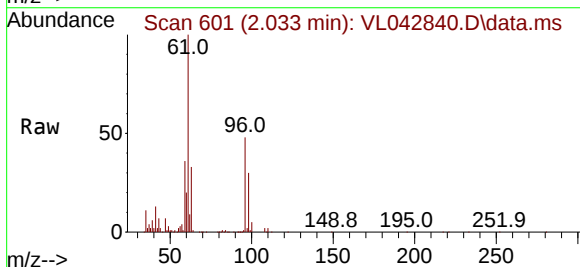
Tgt Ion: 96 Resp: 56983

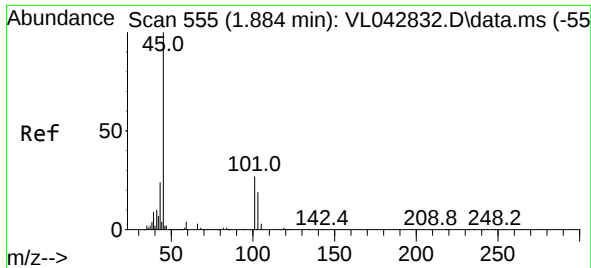
Ion Ratio Lower Upper

96 100

61 207.3 167.9 251.9

98 61.6 49.6 74.4

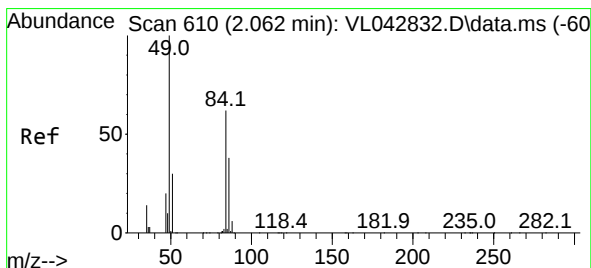
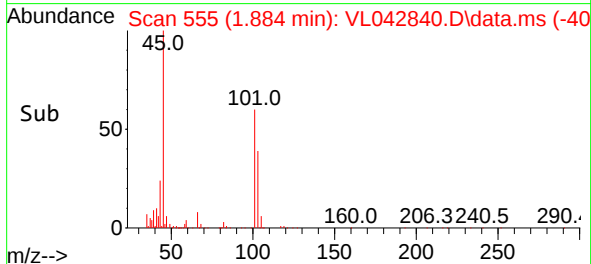
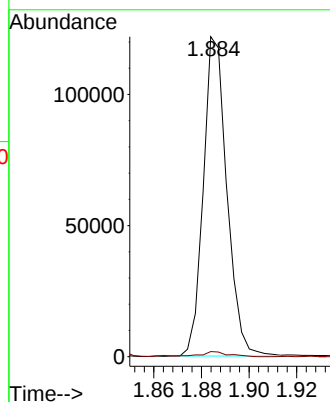
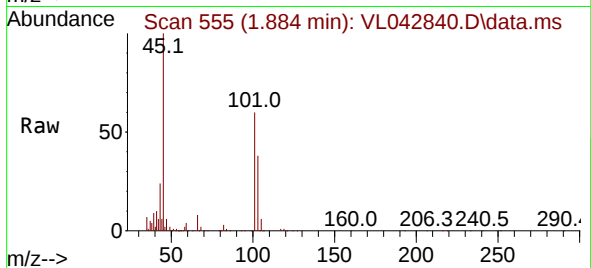




#19
Isopropyl Alcohol
Concen: 8.770 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

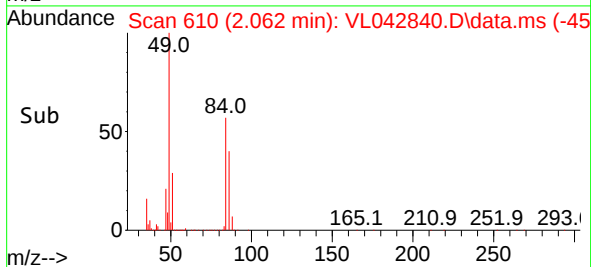
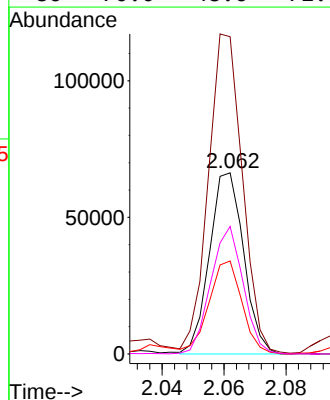
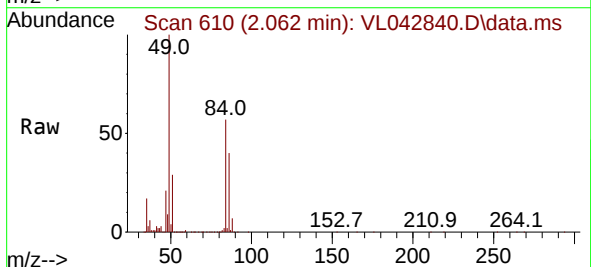
Instrument :
MSVOA_L
ClientSampleId :

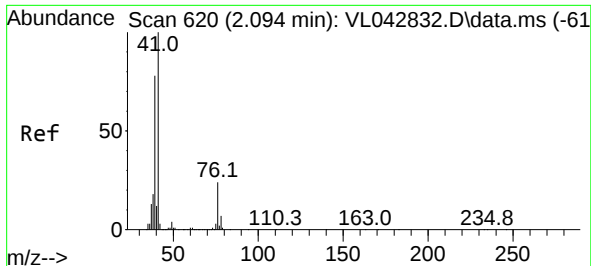
Tgt Ion: 45 Resp: 83875
Ion Ratio Lower Upper
45 100
58 2.1 1.6 2.4



#20
Methylene Chloride
Concen: 9.803 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 84 Resp: 50815
Ion Ratio Lower Upper
84 100
49 174.2 129.3 193.9
51 51.0 41.1 61.7
86 70.0 48.6 72.8

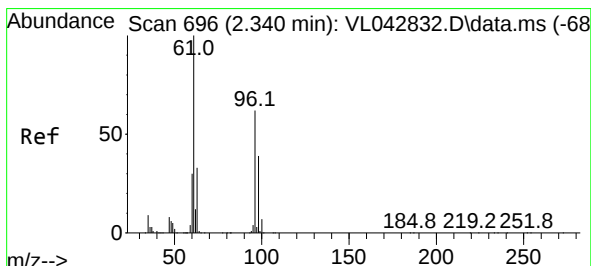
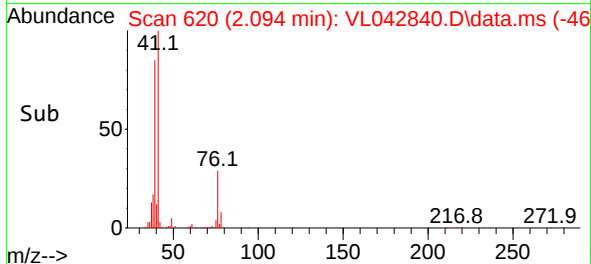
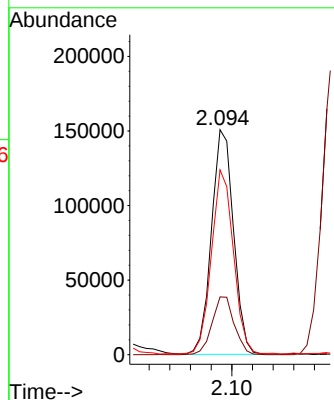
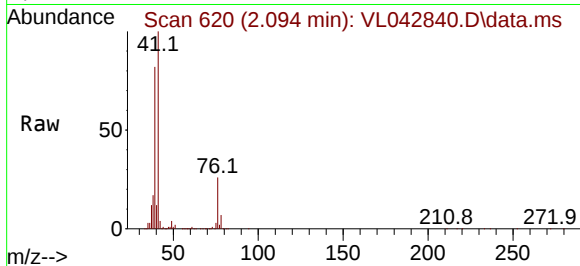




#21
 Allyl Chloride
 Concen: 9.984 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

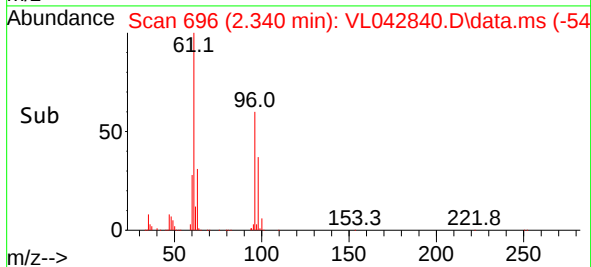
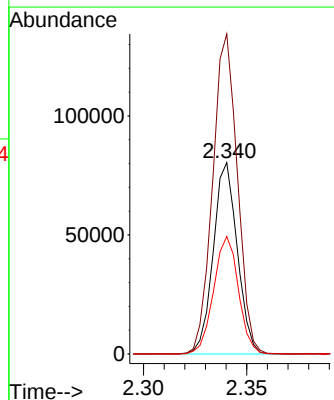
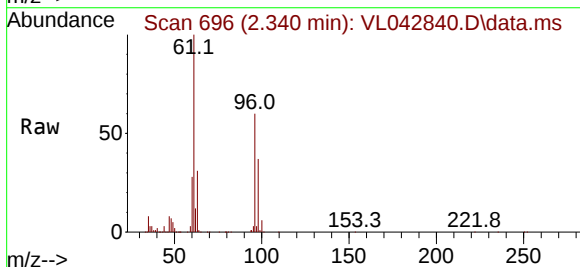
Instrument :
 MSVOA_L
 ClientSampleId :

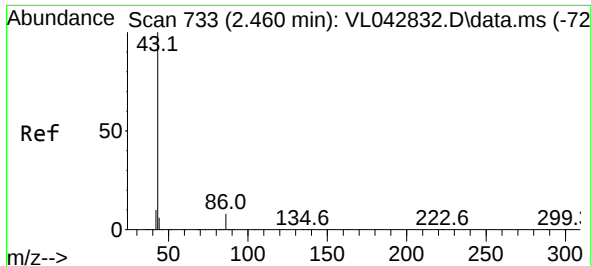
Tgt Ion: 41 Resp: 111717
 Ion Ratio Lower Upper
 41 100
 76 25.9 20.4 30.6
 39 82.5 66.2 99.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.698 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 96 Resp: 64986
 Ion Ratio Lower Upper
 96 100
 61 167.1 128.1 192.1
 98 61.4 50.2 75.4

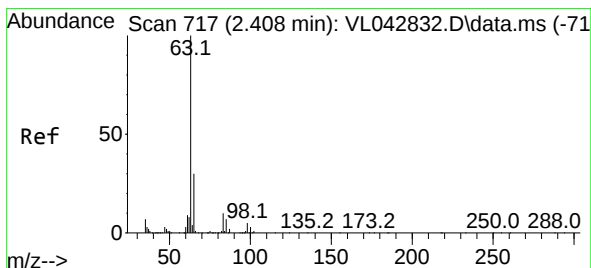
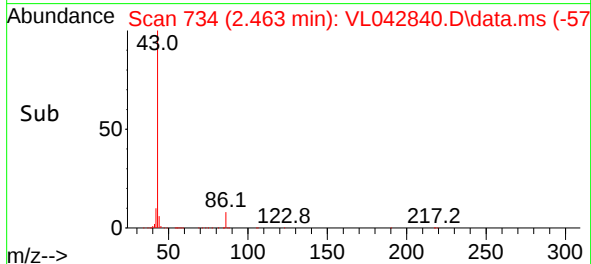
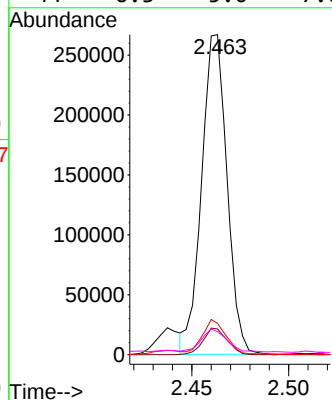
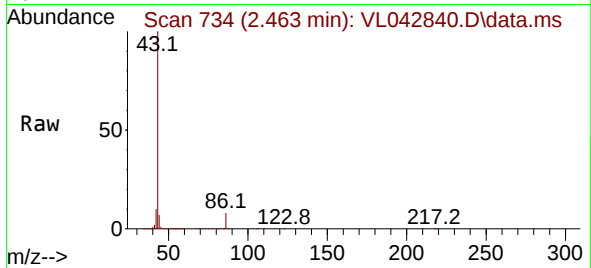




#23
 Vinyl Acetate
 Concen: 10.764 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

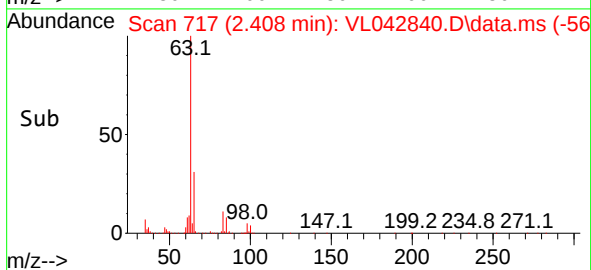
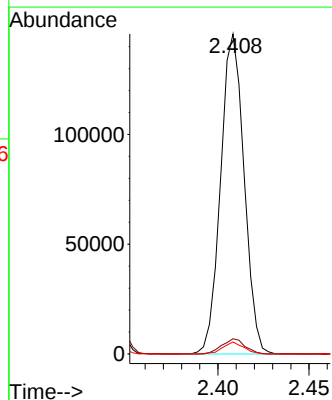
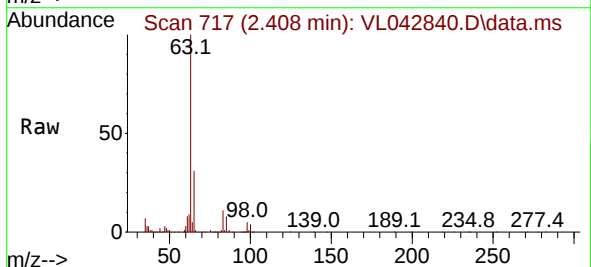
Instrument :
 MSVOA_L
 ClientSampleId :

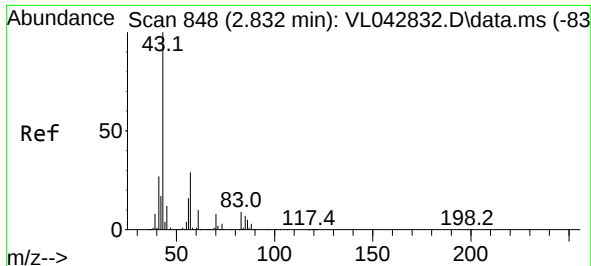
Tgt Ion:	43	Resp:	243861
Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.0	9.0
42	9.7	8.5	12.7
44	6.3	5.0	7.6



#24
 1,1-Dichloroethane
 Concen: 9.433 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion:	63	Resp:	130572
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.1
100	3.8	1.6	4.7

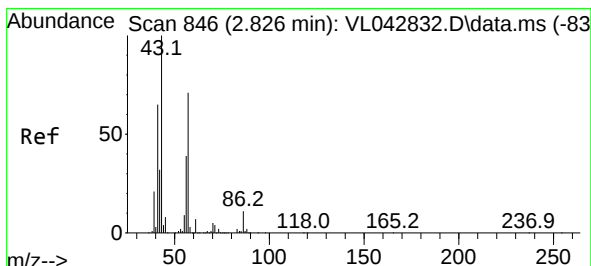
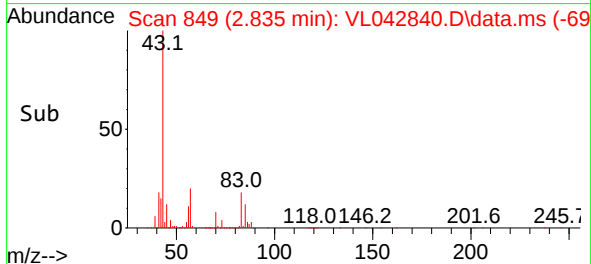
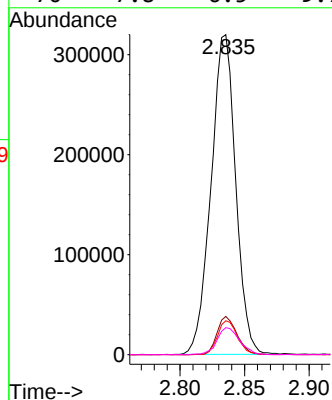
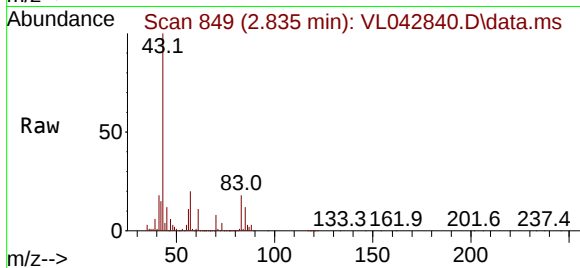




#25
Ethyl Acetate
Concen: 10.690 ppbv
RT: 2.835 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

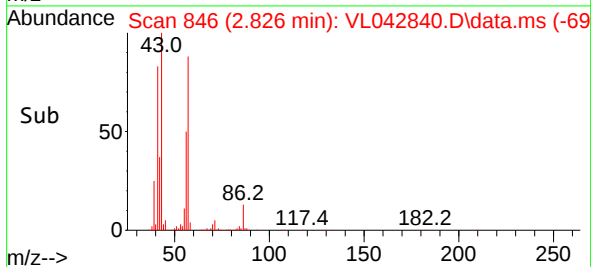
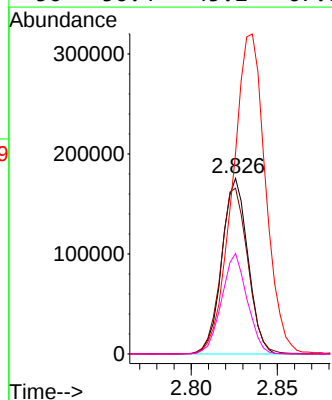
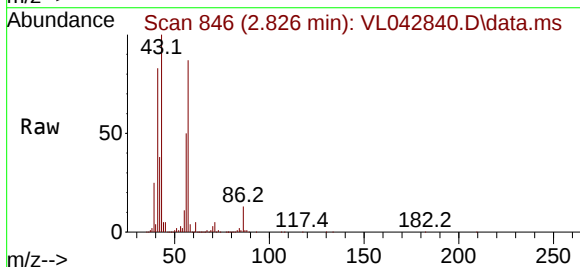
Instrument :
MSVOA_L
ClientSampleId :

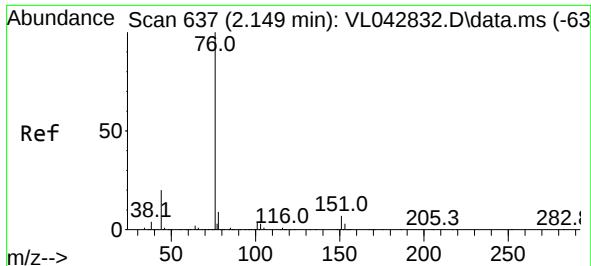
Tgt Ion: 43	Resp: 425031
Ion Ratio	Lower Upper
43 100	
45 9.7	7.8 11.8
61 8.7	7.0 10.6
70 7.8	6.5 9.7



#26
Hexane
Concen: 10.480 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 57	Resp: 183654		
Ion	Ratio	Lower	Upper
57	100		
41	98.8	76.8	115.2
43	233.5	185.4	278.2
56	56.4	45.2	67.8

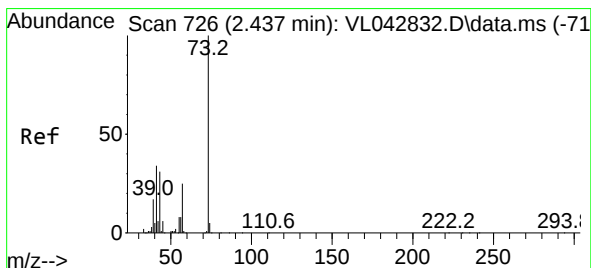
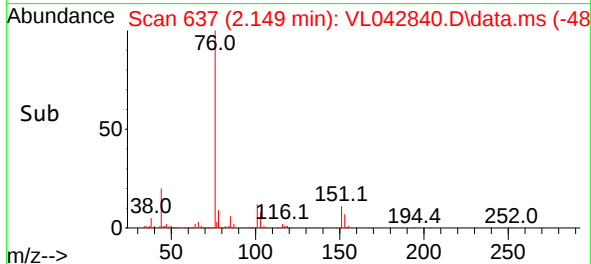
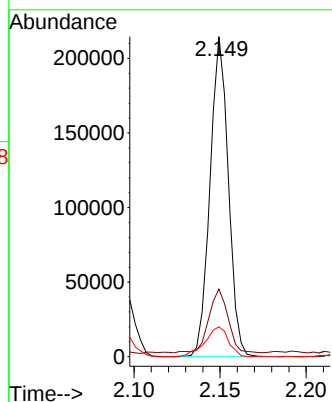
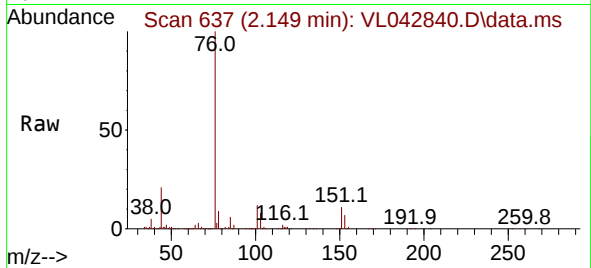




#27
Carbon Disulfide
Concen: 9.967 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

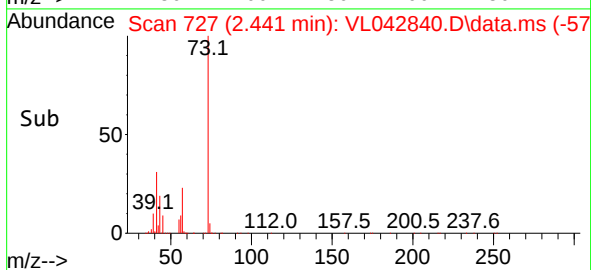
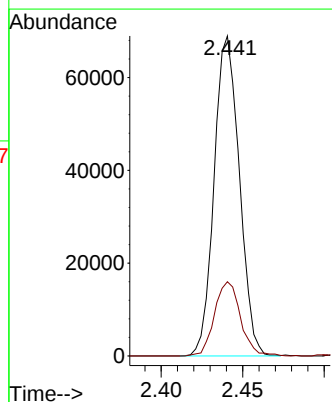
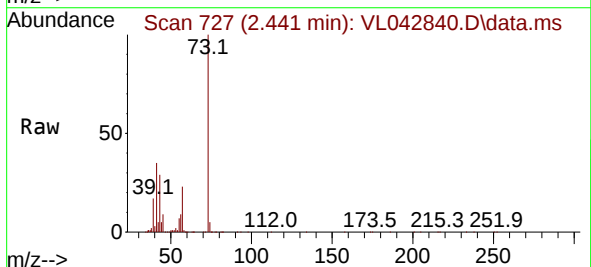
Instrument :
MSVOA_L
ClientSampleId :

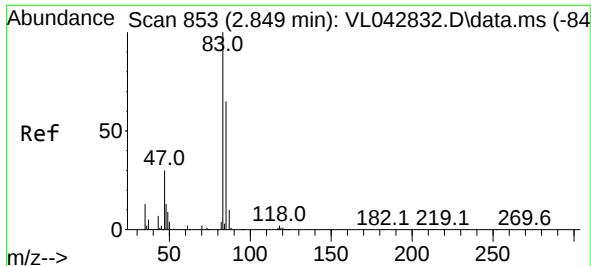
Tgt Ion: 76 Resp: 158556
Ion Ratio Lower Upper
76 100
44 23.6 19.4 29.0
78 12.0 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 9.143 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 73 Resp: 74129
Ion Ratio Lower Upper
73 100
57 23.9 18.9 28.3





#29

Chloroform

Concen: 10.060 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

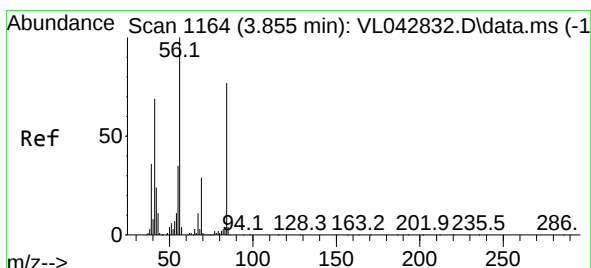
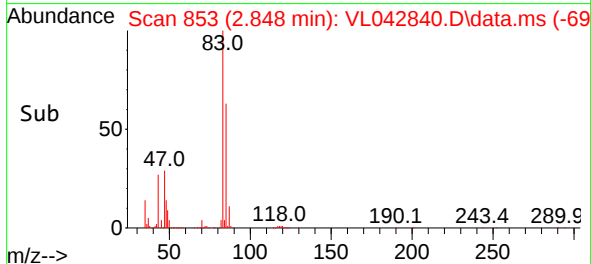
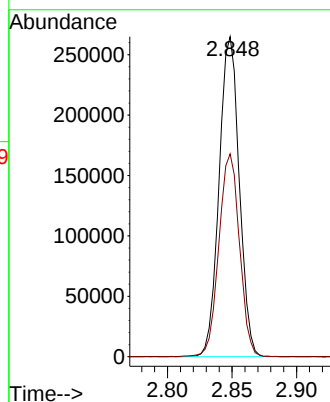
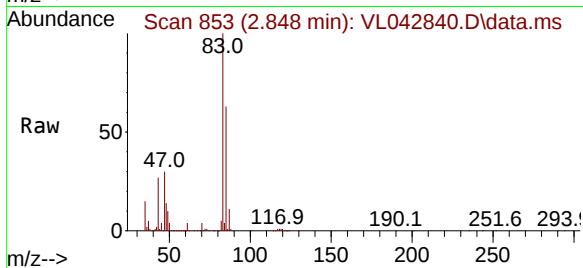
ClientSampleId :

Tgt Ion: 83 Resp: 286769

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9



#30

Cyclohexane

Concen: 12.126 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

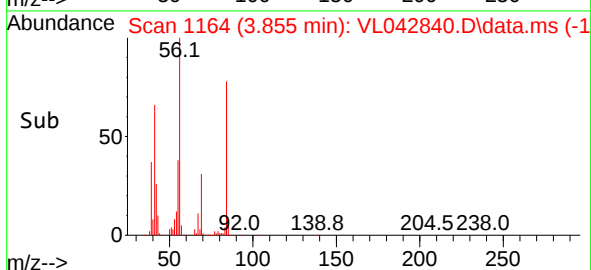
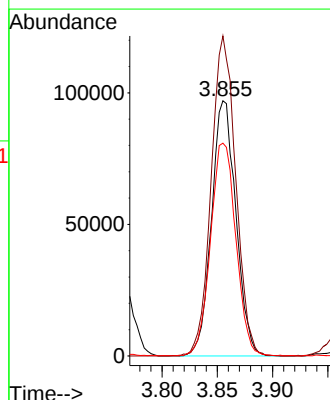
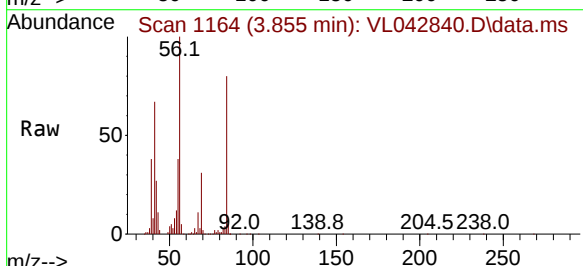
Tgt Ion: 84 Resp: 148958

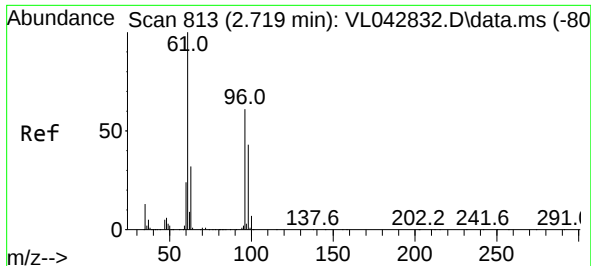
Ion Ratio Lower Upper

84 100

56 125.8 102.9 154.3

41 86.4 72.2 108.4

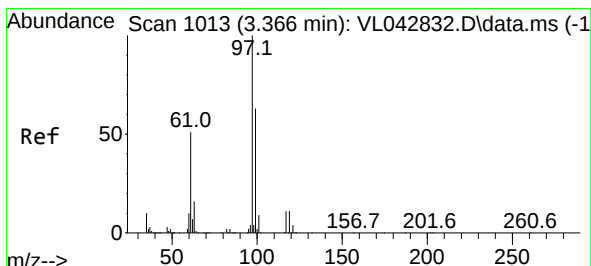
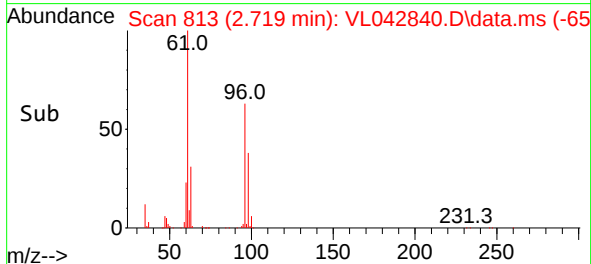
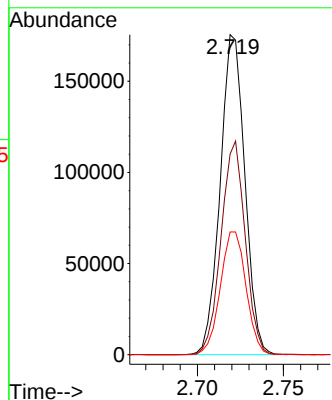
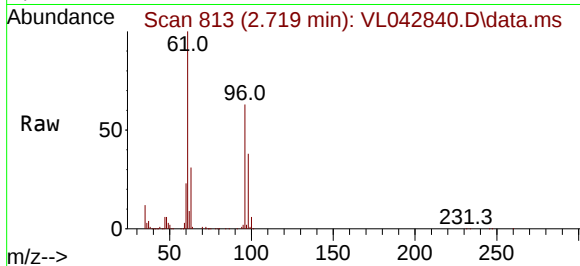




#31
 cis-1,2-Dichloroethene
 Concen: 10.544 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

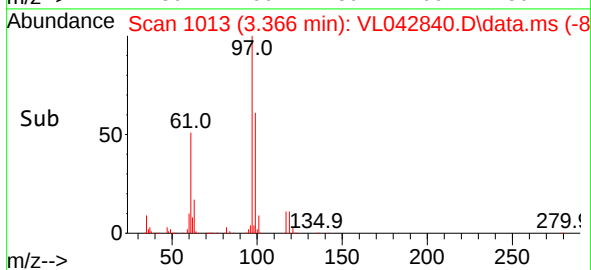
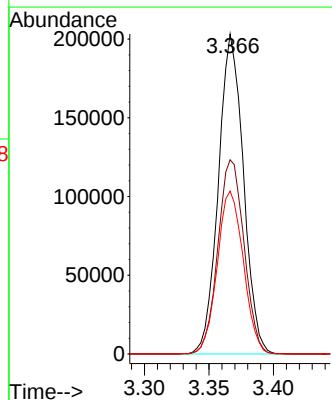
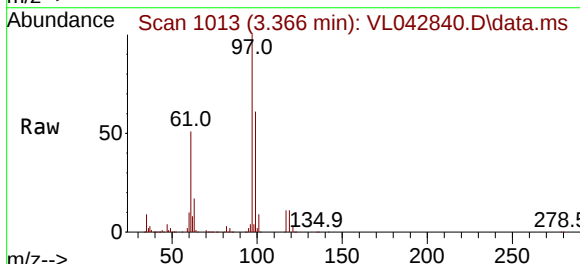
Instrument :
 MSVOA_L
 ClientSampleId :

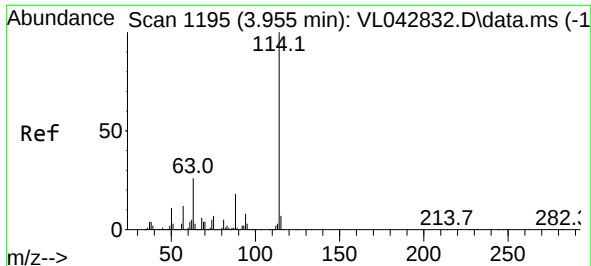
Tgt Ion: 61 Resp: 175231
 Ion Ratio Lower Upper
 61 100
 96 62.7 49.1 73.7
 98 38.3 34.2 51.4



#32
 1,1,1-Trichloroethane
 Concen: 10.153 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 97 Resp: 273570
 Ion Ratio Lower Upper
 97 100
 99 63.3 50.7 76.1
 61 53.3 42.0 63.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

ClientSampleId :

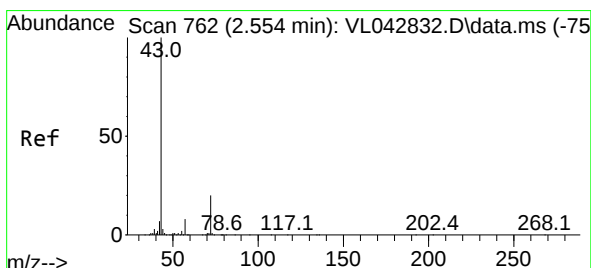
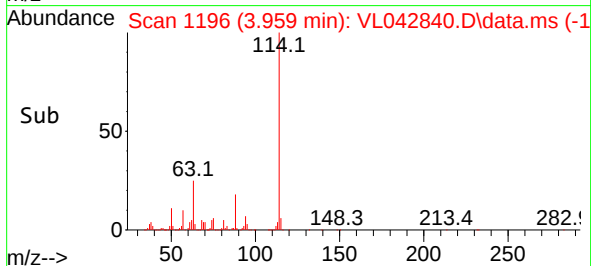
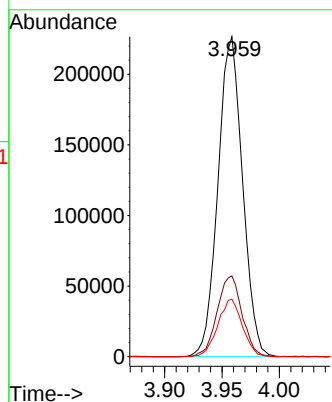
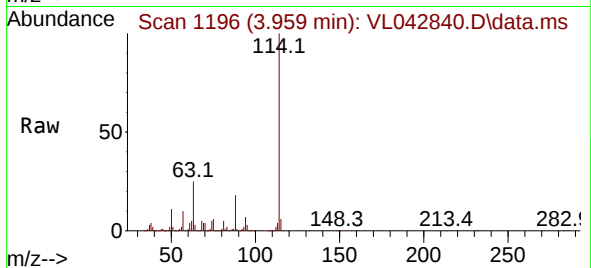
Tgt Ion:114 Resp: 338612

Ion Ratio Lower Upper

114 100

63 25.6 21.0 31.6

88 17.9 13.8 20.8



#34

2-Butanone

Concen: 10.752 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042840.D

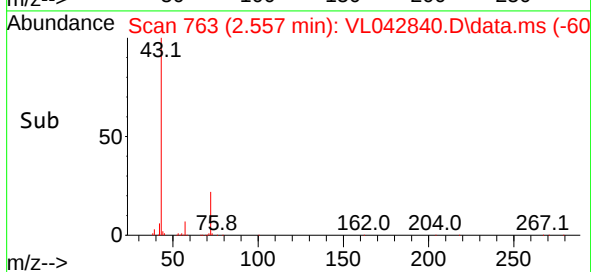
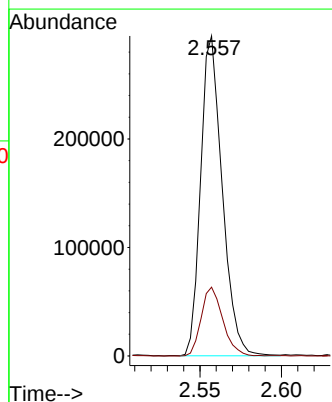
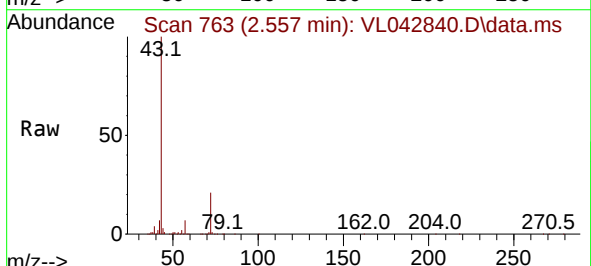
Acq: 11 Aug 2025 13:57

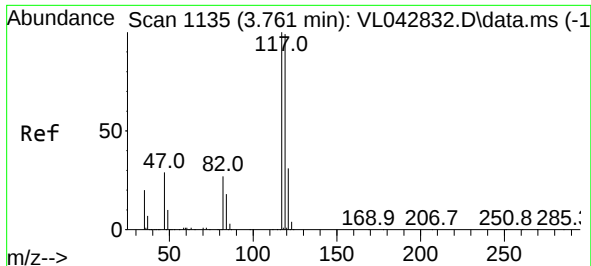
Tgt Ion: 43 Resp: 271205

Ion Ratio Lower Upper

43 100

72 21.6 17.2 25.8

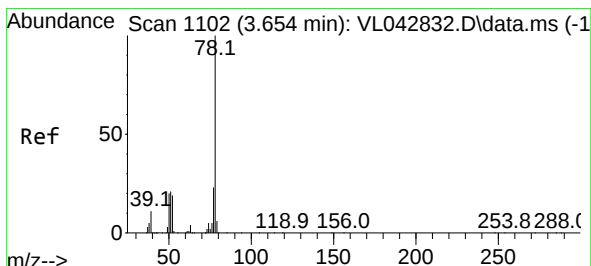
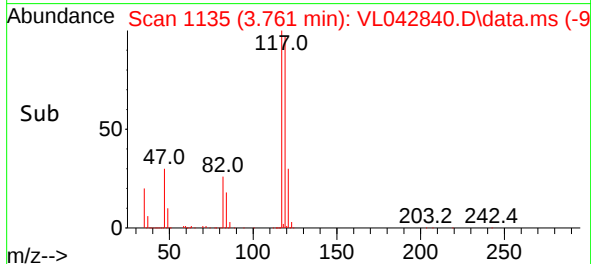
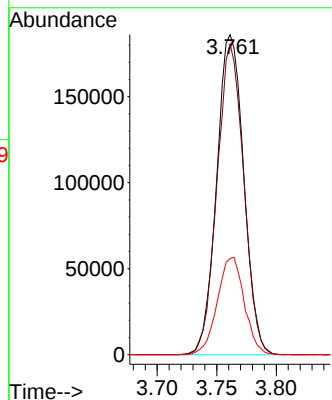
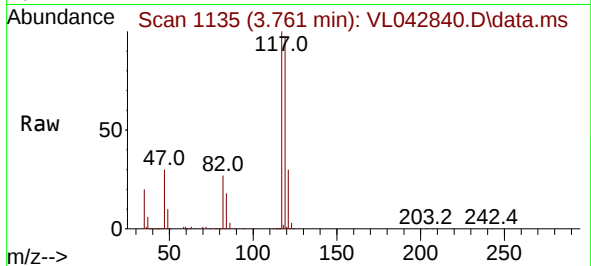




#35
Carbon Tetrachloride
Concen: 10.024 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

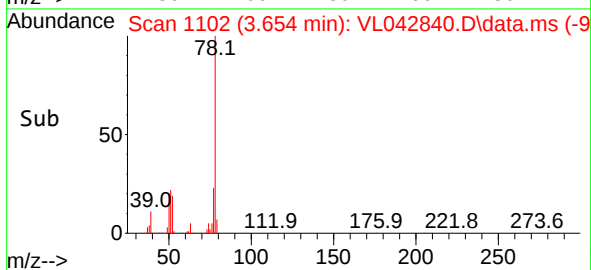
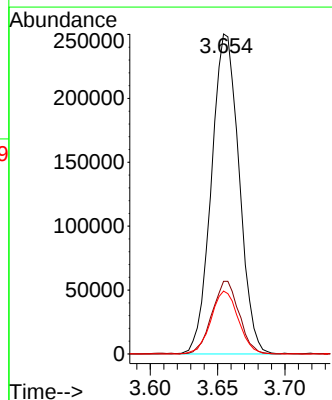
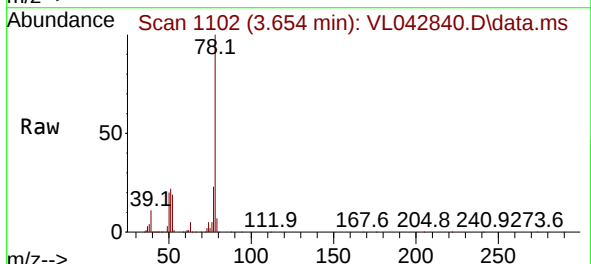
Instrument :
MSVOA_L
ClientSampleId :

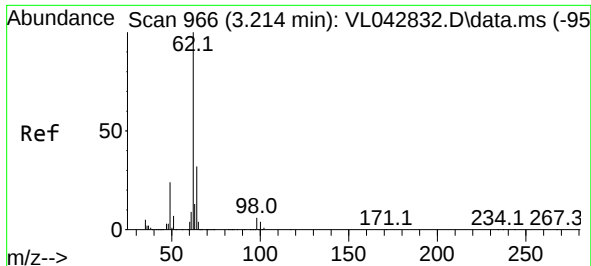
Tgt Ion:117 Resp: 293184
Ion Ratio Lower Upper
117 100
119 97.1 79.3 118.9
121 30.0 25.0 37.4



#36
Benzene
Concen: 11.017 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 78 Resp: 357807
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7
50 19.6 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.299 ppbv

RT: 3.217 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

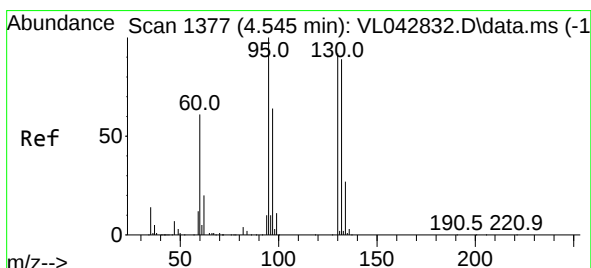
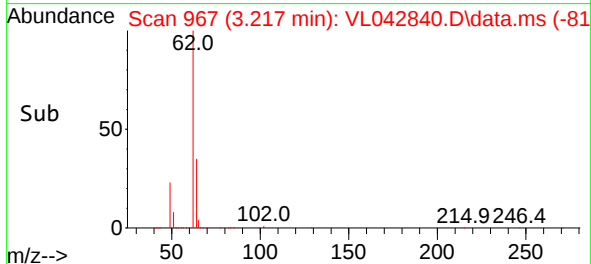
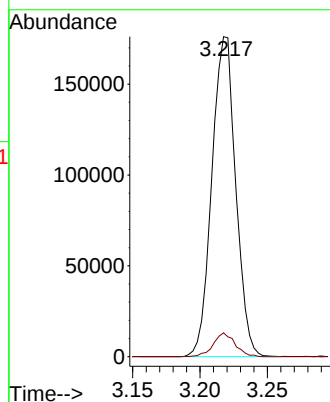
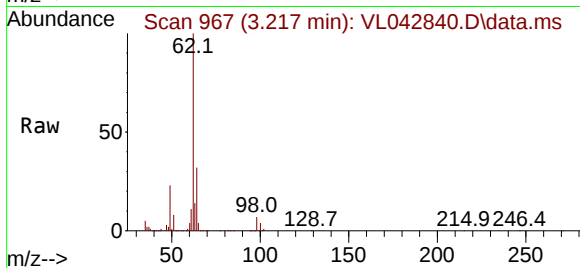
ClientSampleId :

Tgt Ion: 62 Resp: 217201

Ion Ratio Lower Upper

62 100

98 6.8 5.1 7.7



#38

Trichloroethene

Concen: 9.840 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Tgt Ion:130 Resp: 161225

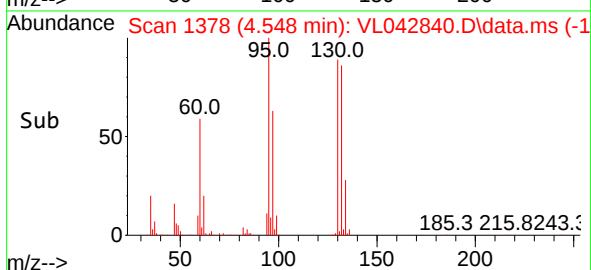
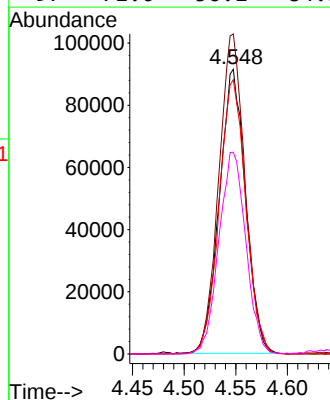
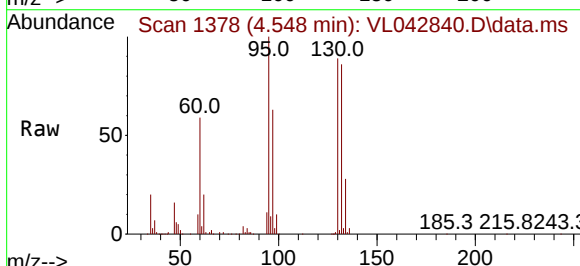
Ion Ratio Lower Upper

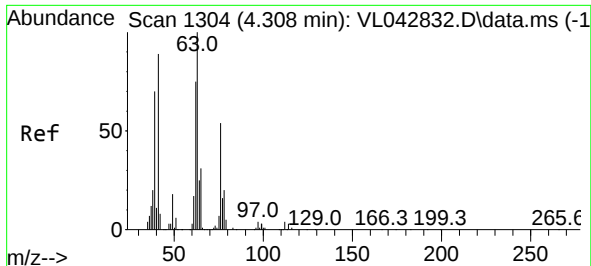
130 100

95 112.5 87.4 131.2

132 96.5 77.8 116.6

97 71.0 56.1 84.1





#39

1,2-Dichloropropane

Concen: 10.369 ppbv

RT: 4.311 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

ClientSampleId :

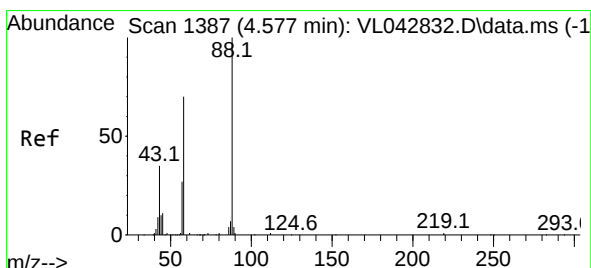
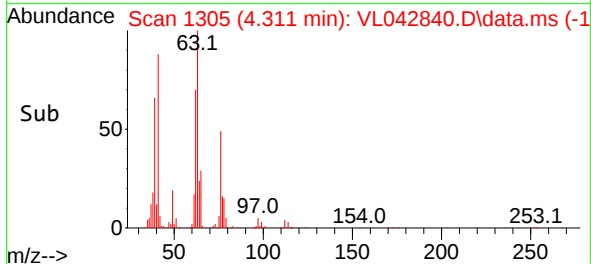
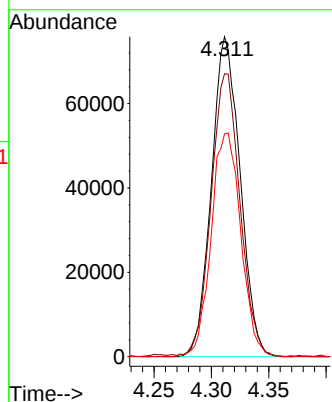
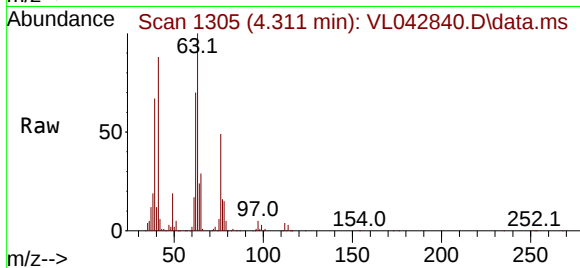
Tgt Ion: 63 Resp: 132152

Ion Ratio Lower Upper

63 100

41 88.2 71.8 107.8

62 69.5 60.0 90.0



#40

1,4-Dioxane

Concen: 11.253 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Tgt Ion: 88 Resp: 55134

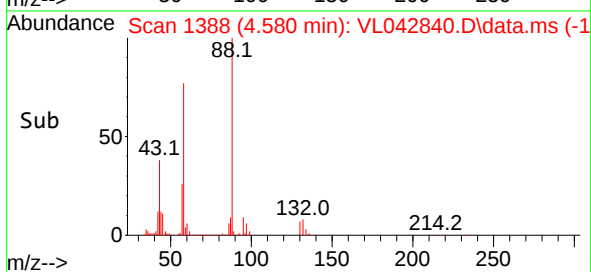
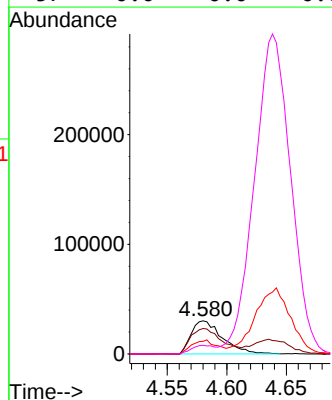
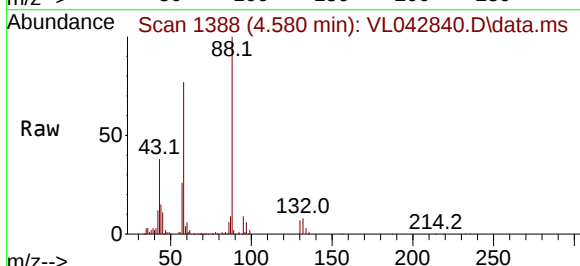
Ion Ratio Lower Upper

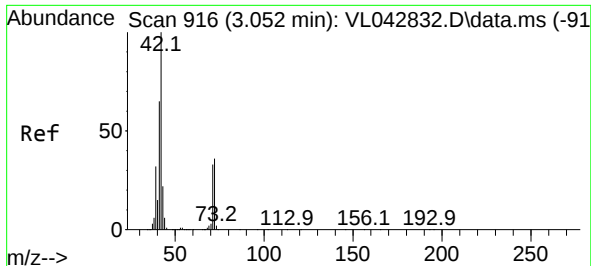
88 100

58 73.7 61.4 92.2

43 33.0 28.6 43.0

57 0.0 0.0 0.0

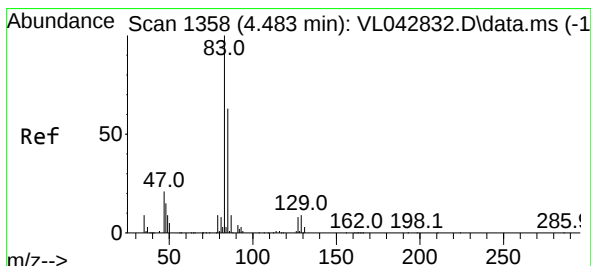
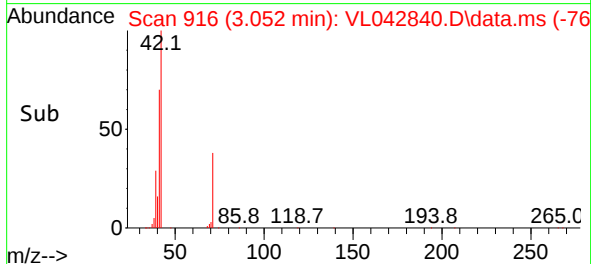
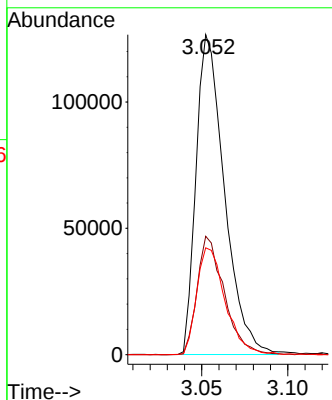
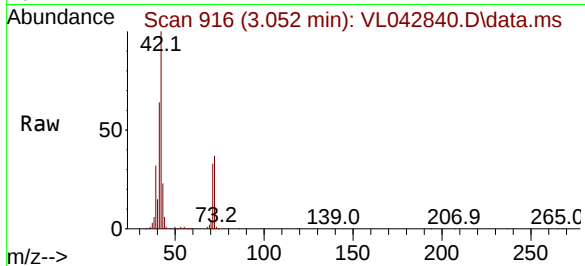




#41
Tetrahydrofuran
Concen: 12.139 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

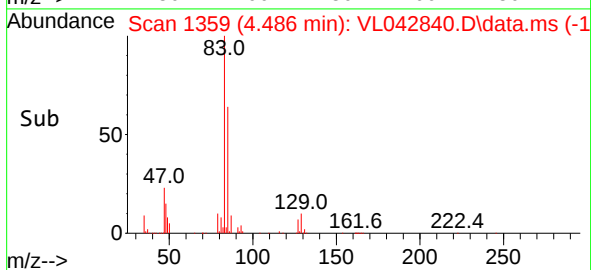
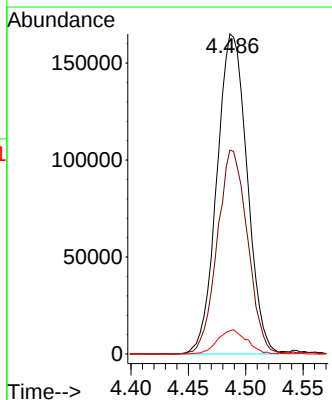
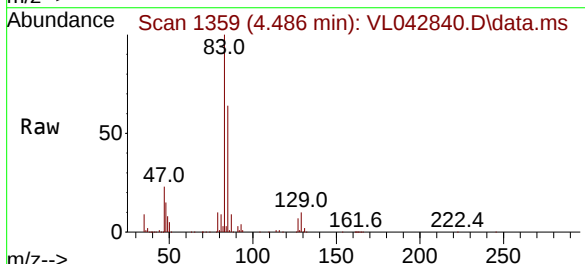
Instrument :
MSVOA_L
ClientSampleId :

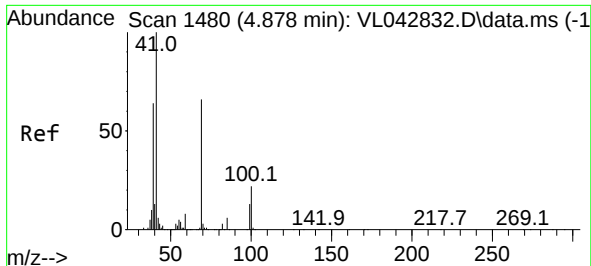
Tgt Ion: 42 Resp: 145076
Ion Ratio Lower Upper
42 100
72 35.5 29.4 44.2
71 33.8 27.4 41.0



#42
Bromodichloromethane
Concen: 10.659 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 83 Resp: 302710
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 7.2 6.2 9.4

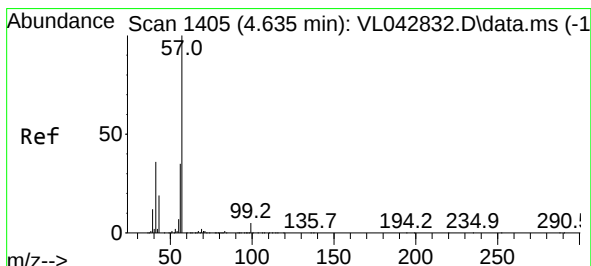
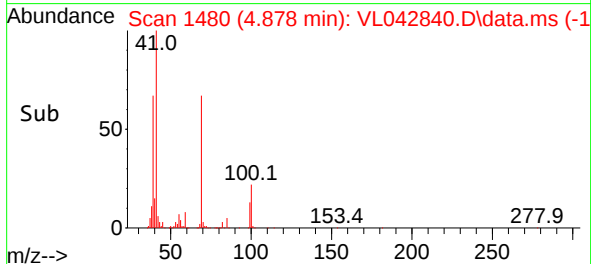
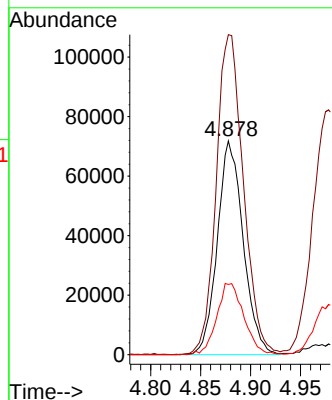
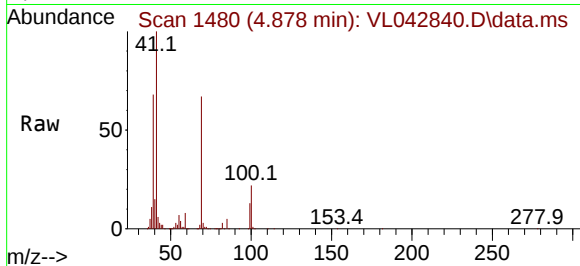




#43
Methyl Methacrylate
Concen: 12.161 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

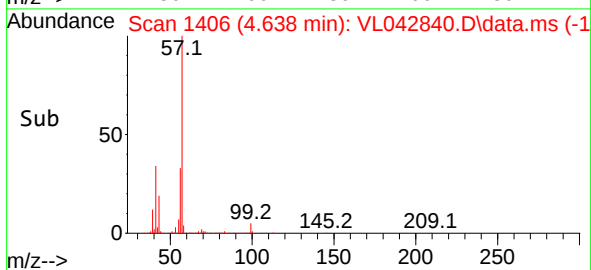
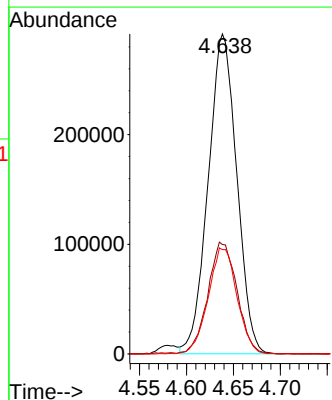
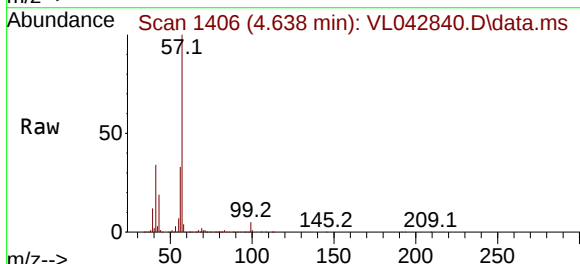
Instrument :
MSVOA_L
ClientSampleId :

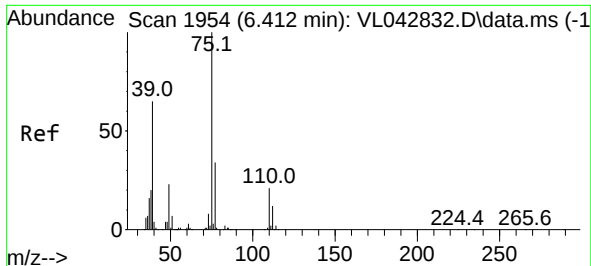
Tgt Ion: 69 Resp: 129537
Ion Ratio Lower Upper
69 100
41 157.1 125.6 188.4
100 35.0 27.4 41.2



#44
2,2,4-Trimethylpentane
Concen: 11.331 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 57 Resp: 617679
Ion Ratio Lower Upper
57 100
41 35.8 28.7 43.1
56 33.5 26.6 39.8

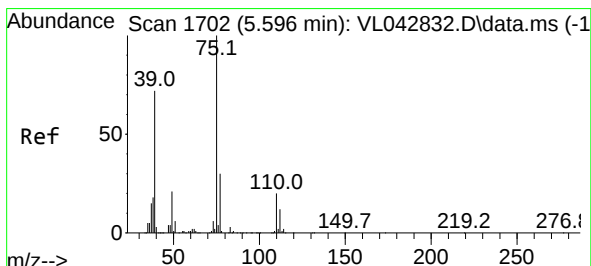
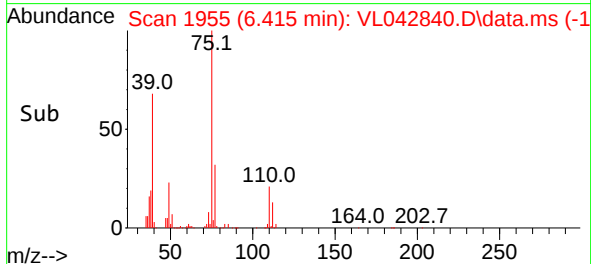
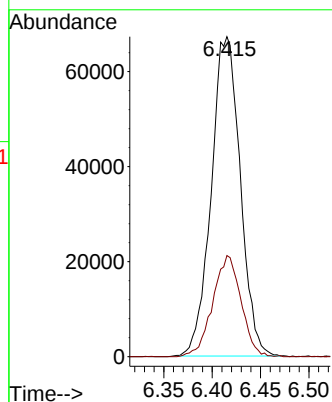
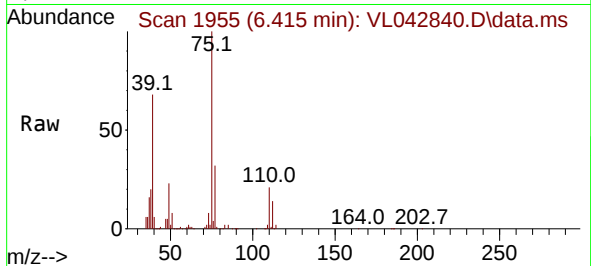




#45
 t-1,3-Dichloropropene
 Concen: 11.953 ppbv
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

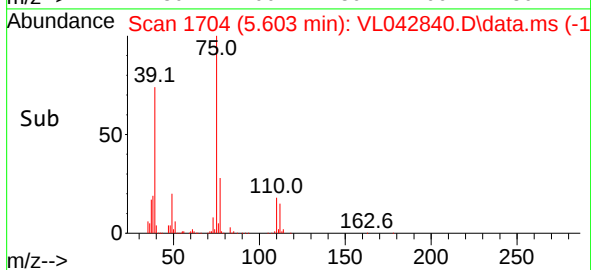
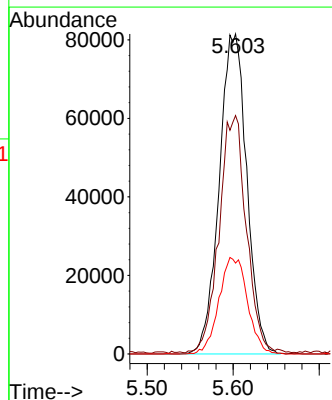
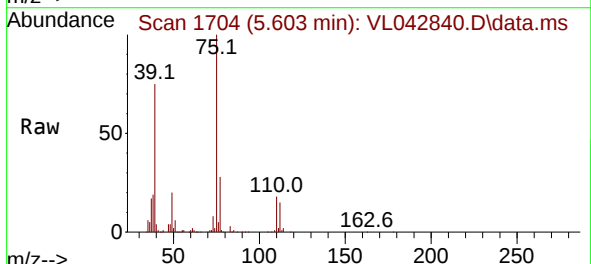
Instrument :
 MSVOA_L
 ClientSampleId :

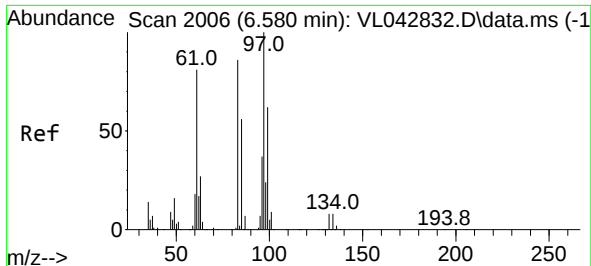
Tgt Ion: 75 Resp: 140066
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.9 40.3



#46
 cis-1,3-Dichloropropene
 Concen: 11.565 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. 0.006 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 75 Resp: 181353
 Ion Ratio Lower Upper
 75 100
 39 73.9 57.6 86.4
 77 28.4 23.6 35.4

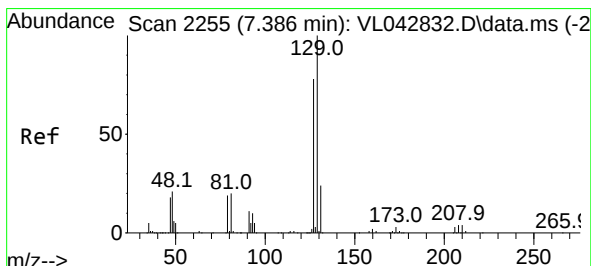
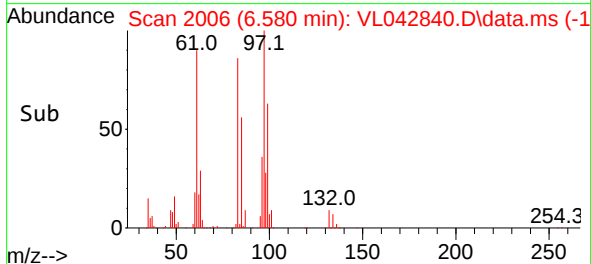
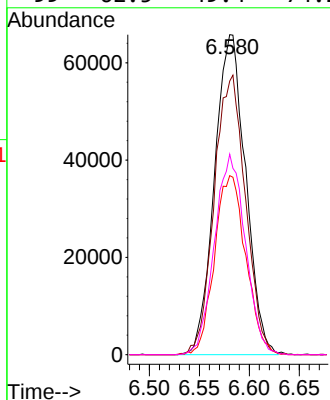
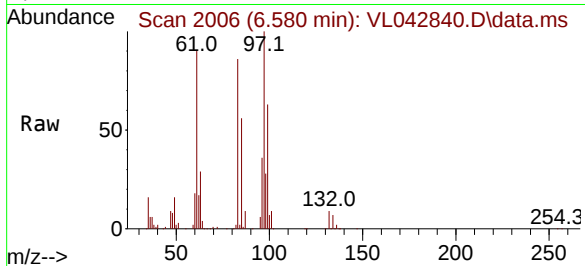




#47
 1,1,2-Trichloroethane
 Concen: 10.295 ppbv
 RT: 6.580 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

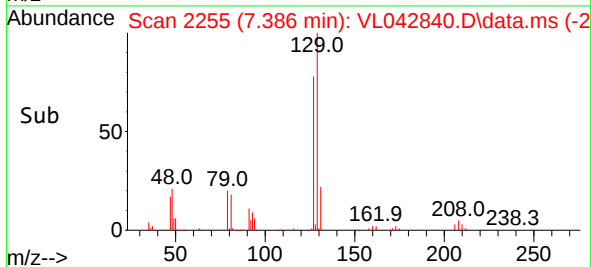
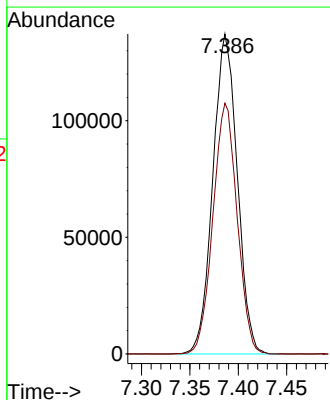
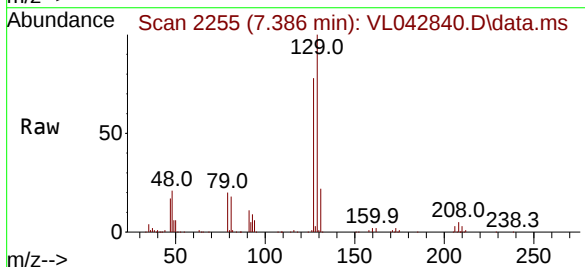
Instrument :
 MSVOA_L
 ClientSampleId :

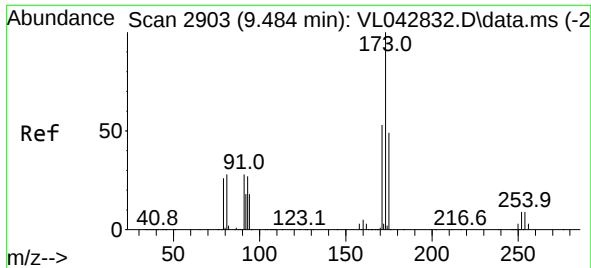
Tgt Ion: 97	Resp: 142220
Ion Ratio	Lower Upper
97 100	
83 85.5	68.5 102.7
85 55.8	44.4 66.6
99 62.5	49.4 74.2



#48
 Dibromochloromethane
 Concen: 10.723 ppbv
 RT: 7.386 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion:129	Resp: 240818		
Ion Ratio	Lower	Upper	
129 100			
127 77.7	39.8	119.3	

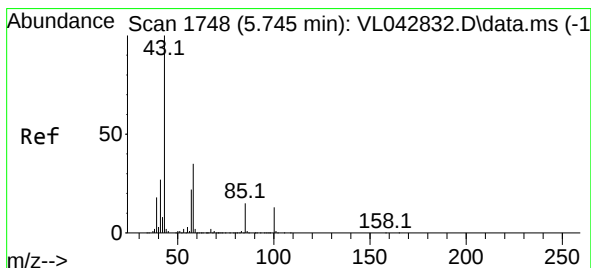
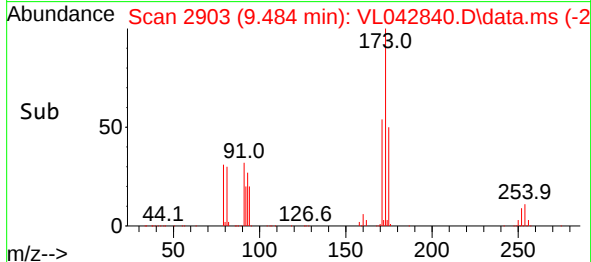
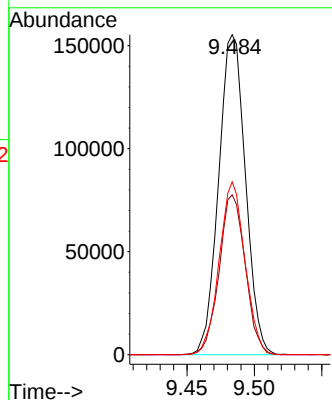
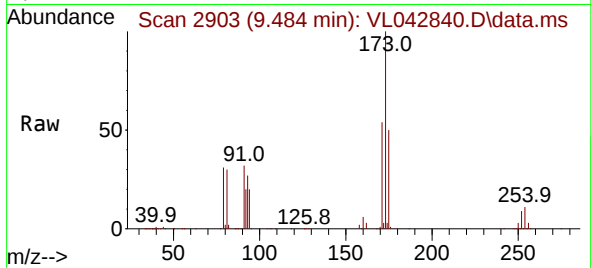




#49
Bromoform
Concen: 10.934 ppbv
RT: 9.484 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

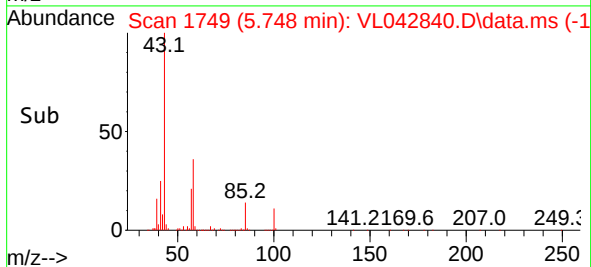
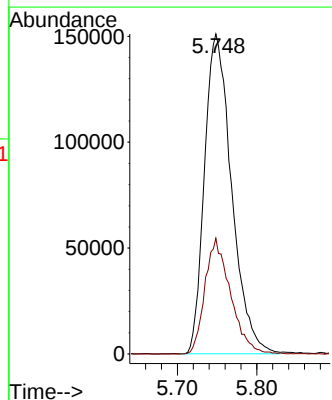
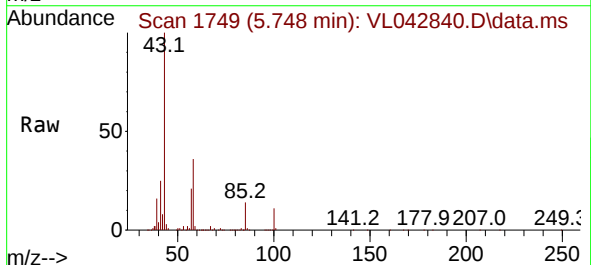
Instrument :
MSVOA_L
ClientSampleId :

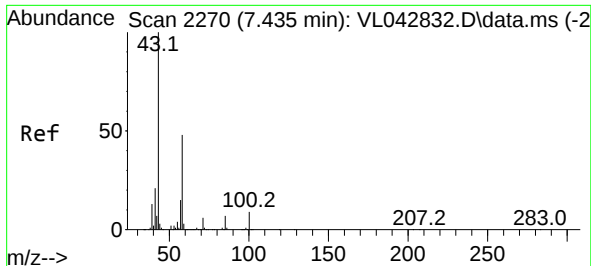
Tgt Ion:173 Resp: 215340
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.0
171 51.8 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 12.265 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 43 Resp: 358141
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1

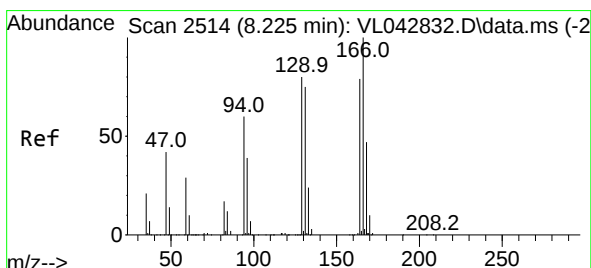
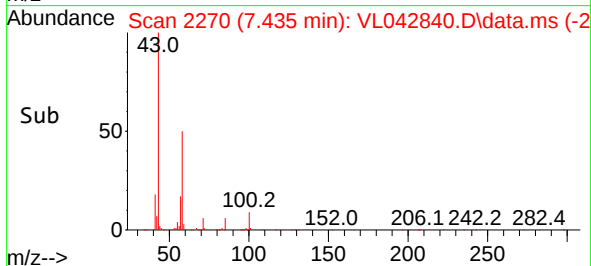
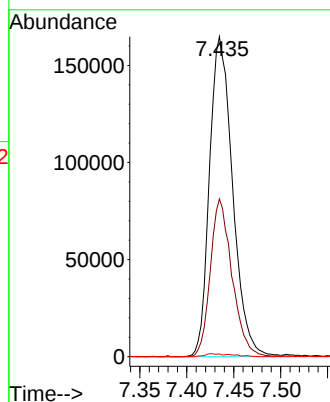
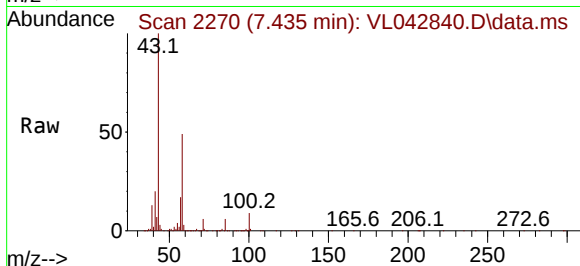




#51
2-Hexanone
Concen: 13.110 ppbv
RT: 7.435 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

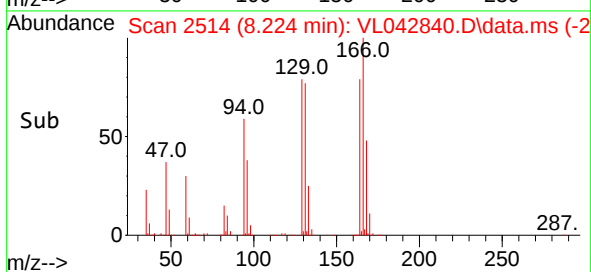
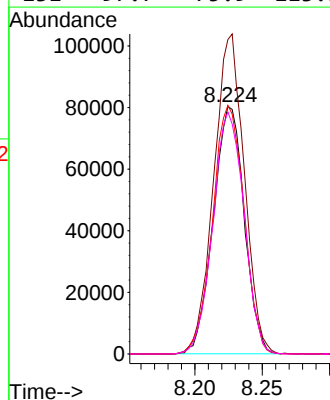
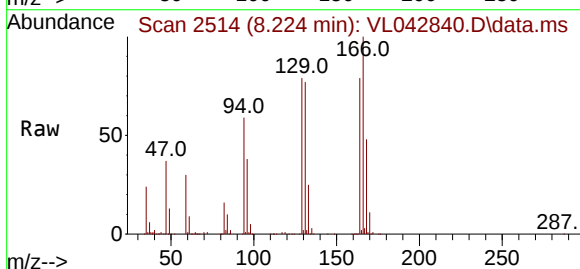
Instrument :
MSVOA_L
ClientSampleId :

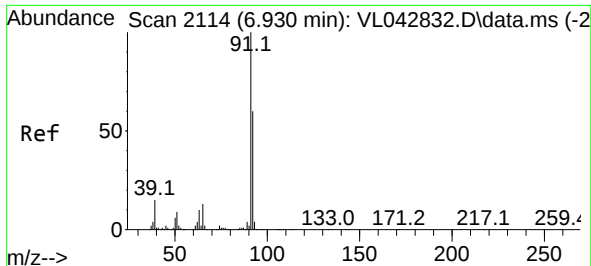
Tgt Ion: 43 Resp: 282062
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8
98 1.1 0.8 1.2



#52
Tetrachloroethene
Concen: 10.000 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 164 Resp: 127986
Ion Ratio Lower Upper
164 100
166 127.2 101.0 151.4
129 100.4 80.9 121.3
131 97.7 75.9 113.9

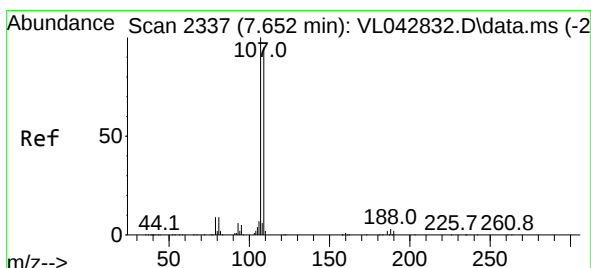
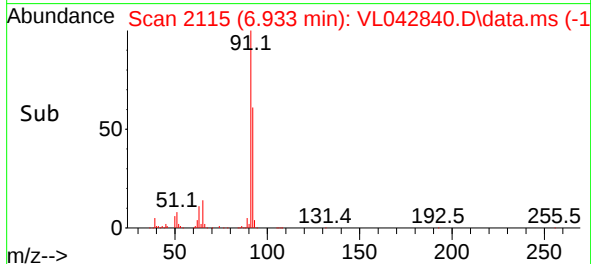
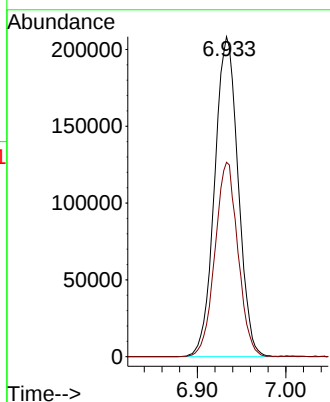
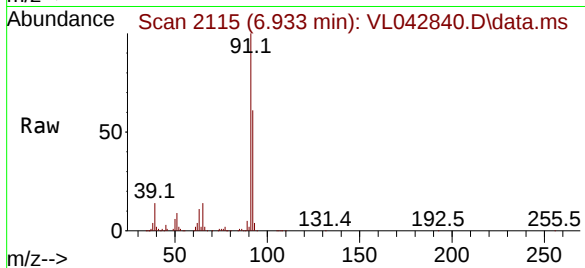




#53
Toluene
Concen: 12.593 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

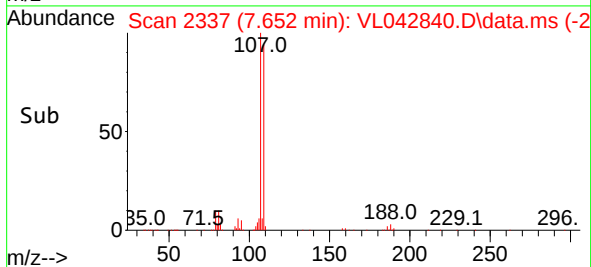
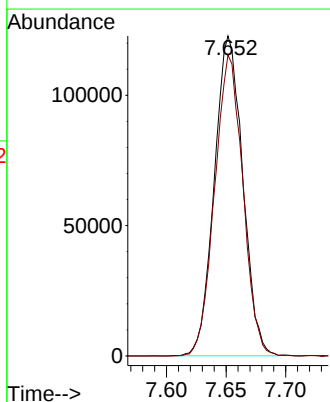
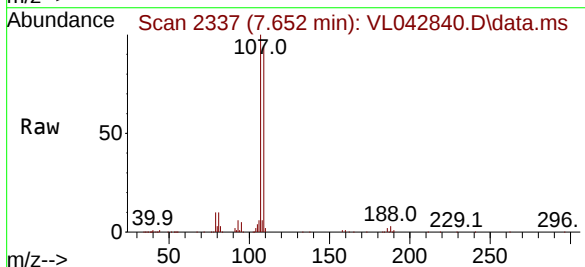
Instrument :
MSVOA_L
ClientSampleId :

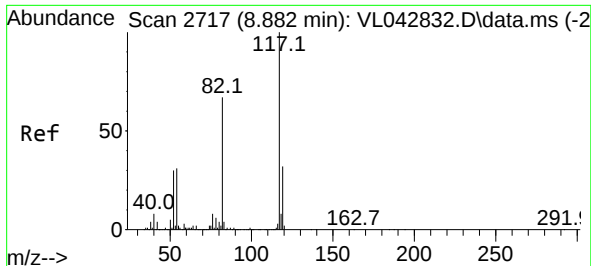
Tgt Ion: 91 Resp: 385073
Ion Ratio Lower Upper
91 100
92 59.5 47.8 71.8



#54
1,2-Dibromoethane
Concen: 10.953 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 107 Resp: 203286
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

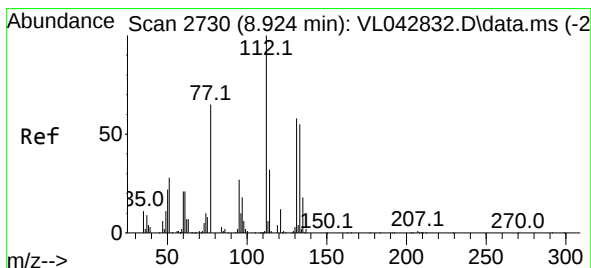
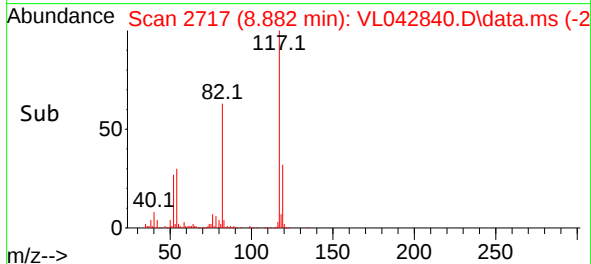
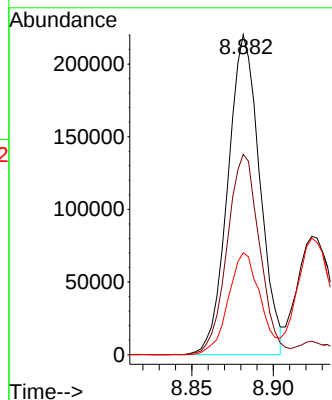
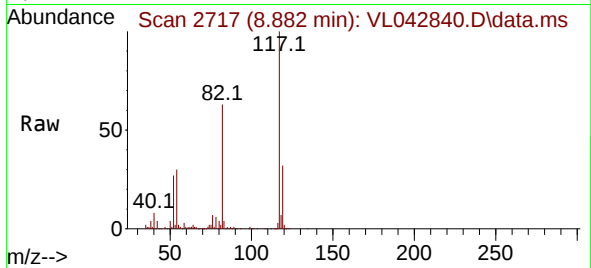




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.882 min Scan# 2717
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

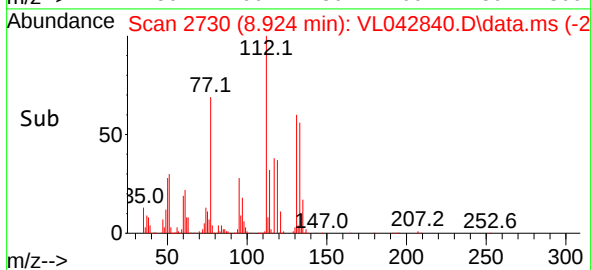
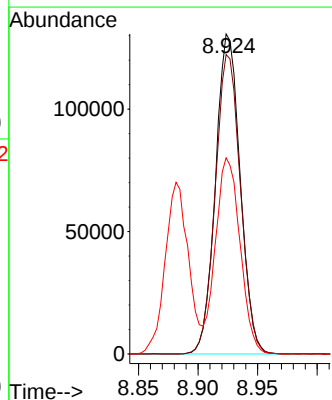
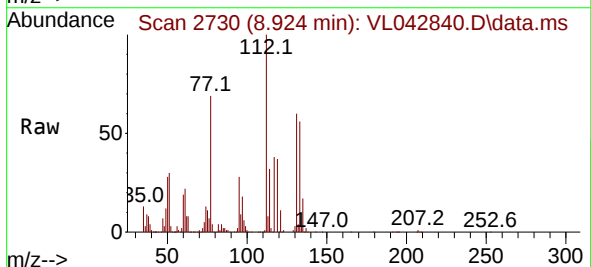
Instrument :
 MSVOA_L
 ClientSampleId :

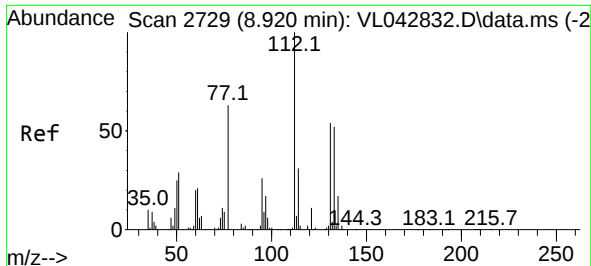
Tgt Ion:117 Resp: 299447
 Ion Ratio Lower Upper
 117 100
 82 67.8 55.7 83.5
 119 32.3 26.7 40.1



#56
 1,1,1,2-Tetrachloroethane
 Concen: 10.195 ppbv
 RT: 8.924 min Scan# 2730
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion:131 Resp: 187607
 Ion Ratio Lower Upper
 131 100
 133 95.6 77.0 115.6
 119 62.2 50.5 75.7

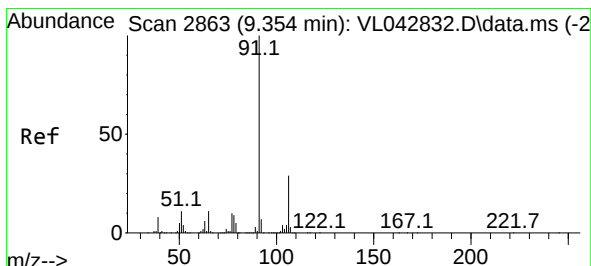
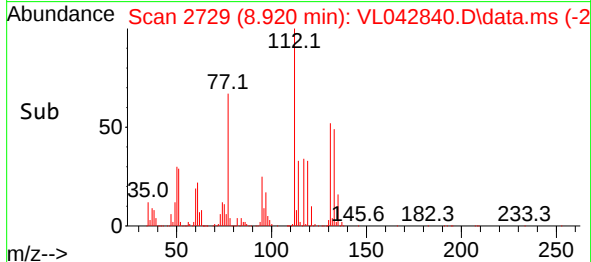
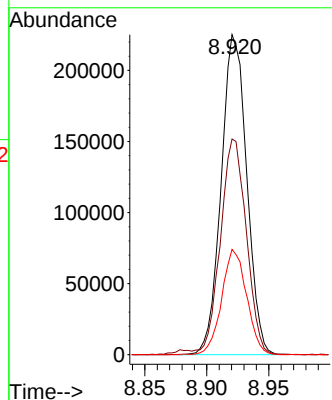
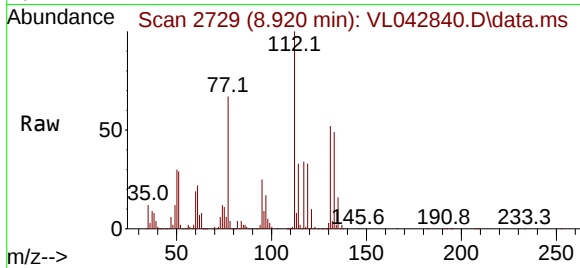




#57
Chlorobenzene
Concen: 10.168 ppbv
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

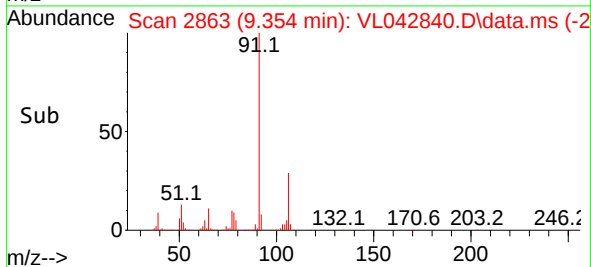
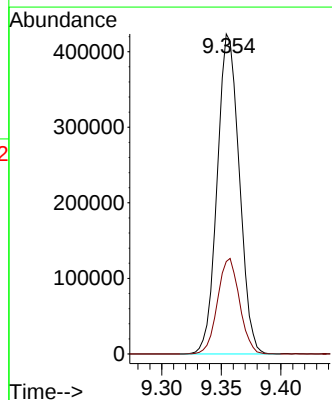
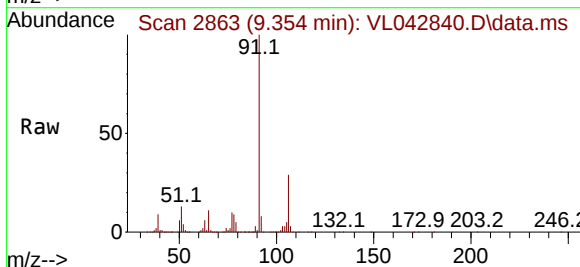
Instrument :
MSVOA_L
ClientSampleId :

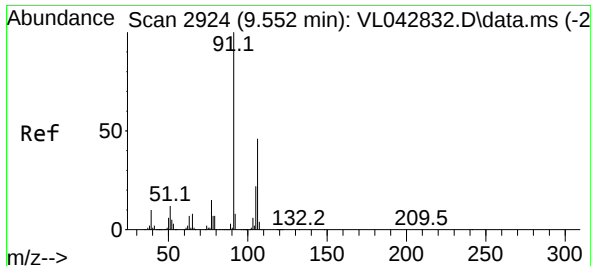
Tgt Ion:112 Resp: 324062
Ion Ratio Lower Upper
112 100
77 67.2 51.5 77.3
114 32.9 28.3 34.5



#58
Ethyl Benzene
Concen: 12.515 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 91 Resp: 544632
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.2





#59

m/p-Xylene

Concen: 12.025 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

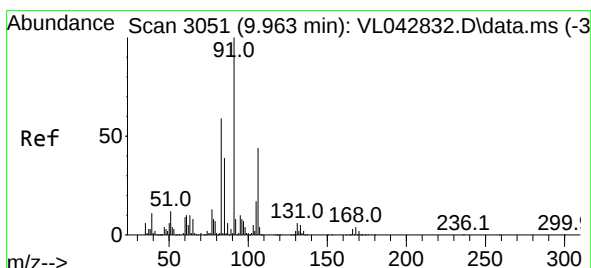
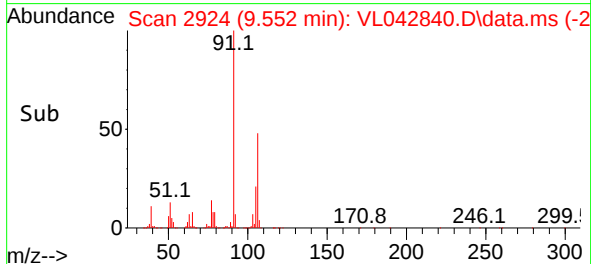
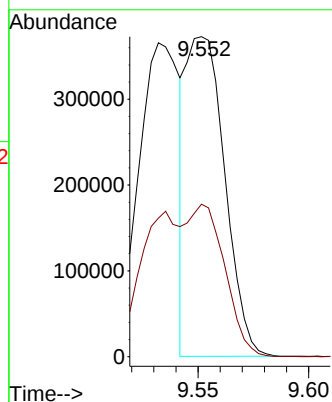
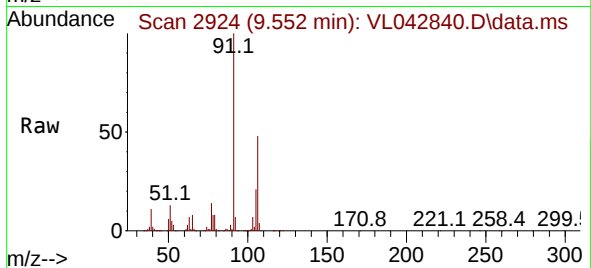
ClientSampleId :

Tgt Ion: 91 Resp: 451160

Ion Ratio Lower Upper

91 100

106 94.7 0.0 0.0#



#60

o-Xylene

Concen: 12.321 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL042840.D

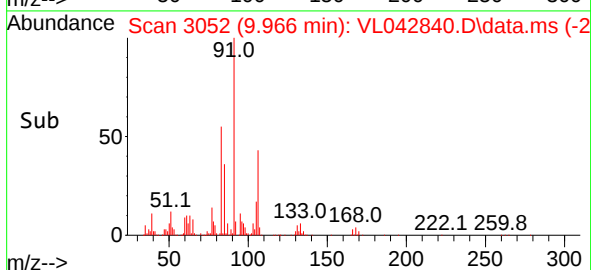
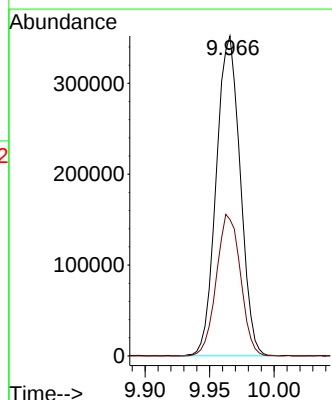
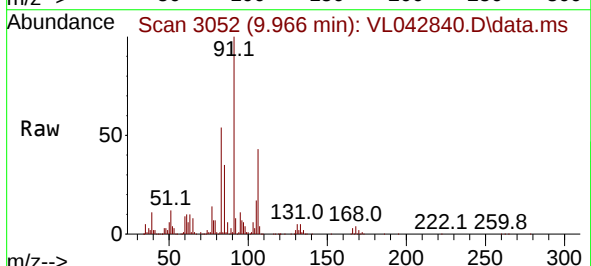
Acq: 11 Aug 2025 13:57

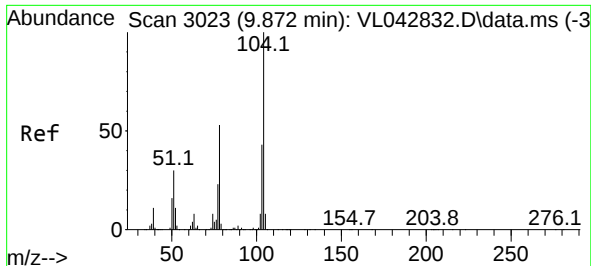
Tgt Ion: 91 Resp: 453682

Ion Ratio Lower Upper

91 100

106 44.6 21.9 65.7

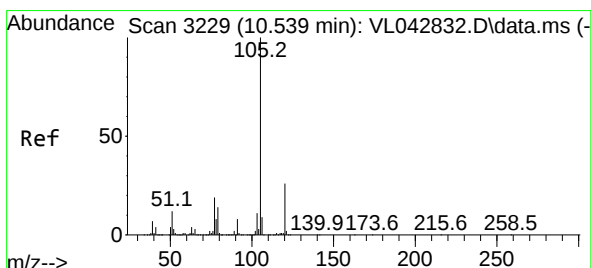
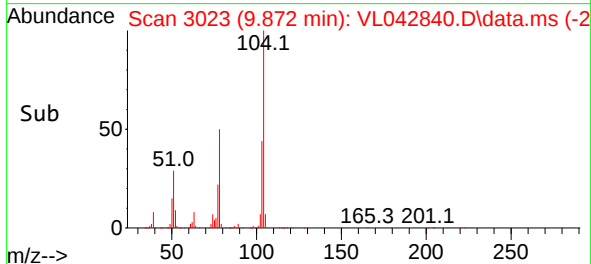
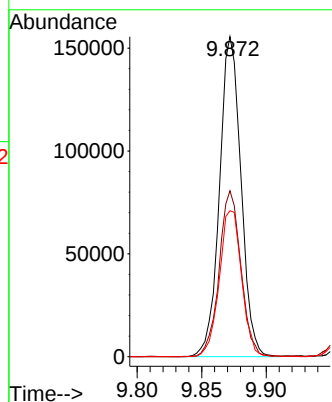
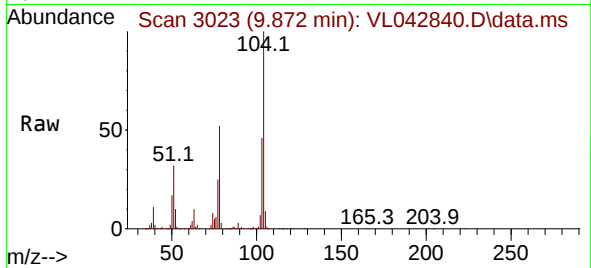




#61
Styrene
Concen: 9.671 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

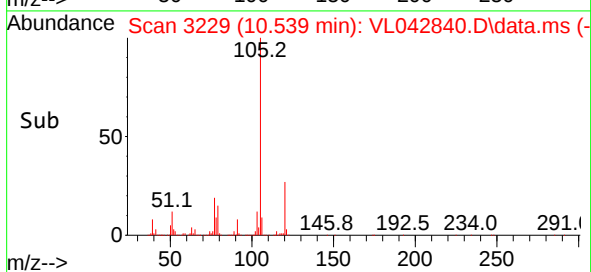
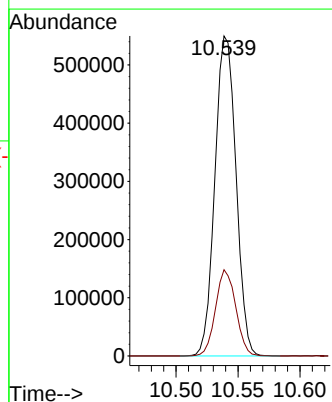
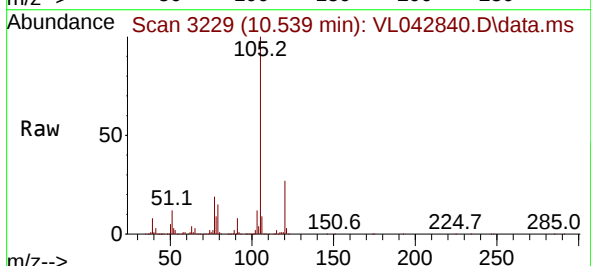
Instrument :
MSVOA_L
ClientSampleId :

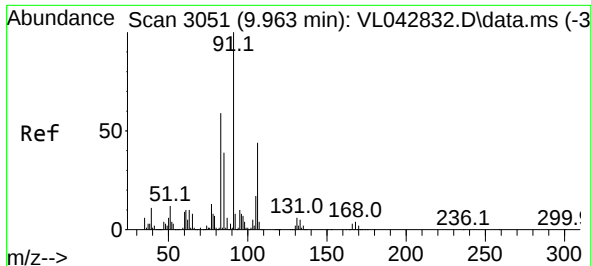
Tgt Ion:104 Resp: 179881
Ion Ratio Lower Upper
104 100
78 52.4 41.4 62.2
103 47.7 36.9 55.3



#62
Isopropylbenzene
Concen: 11.710 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion:105 Resp: 653299
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6

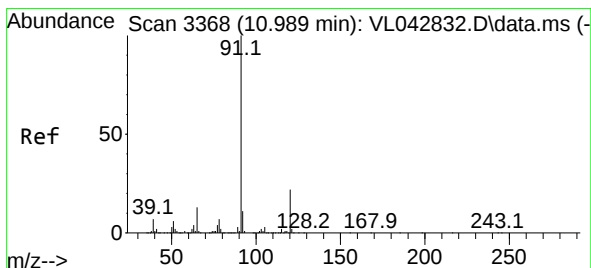
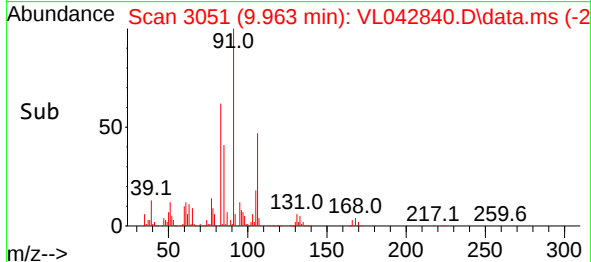
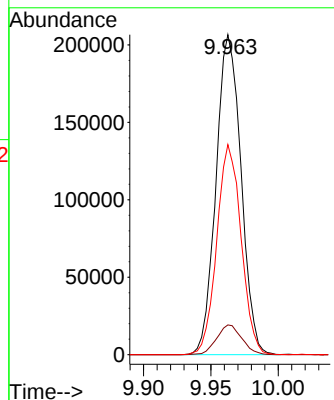
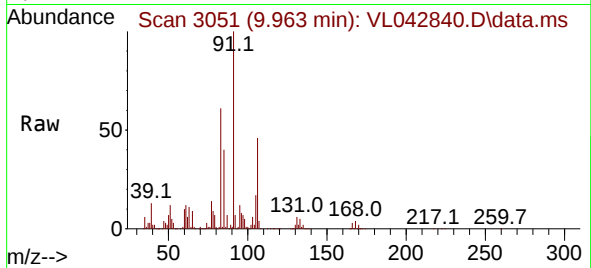




#63
1,1,2,2-Tetrachloroethane
Concen: 9.728 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

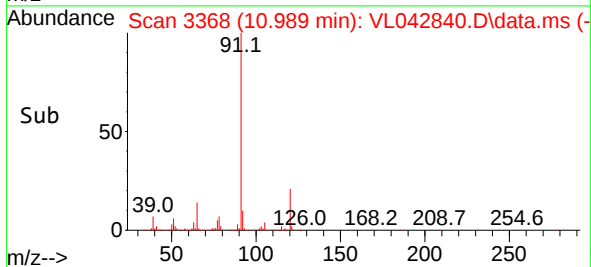
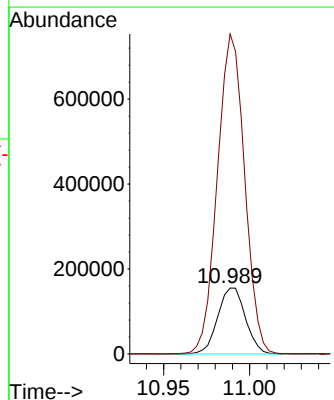
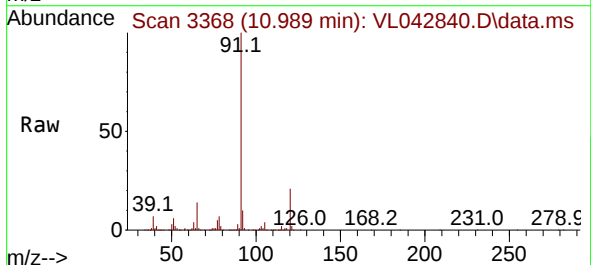
Instrument :
MSVOA_L
ClientSampleId :

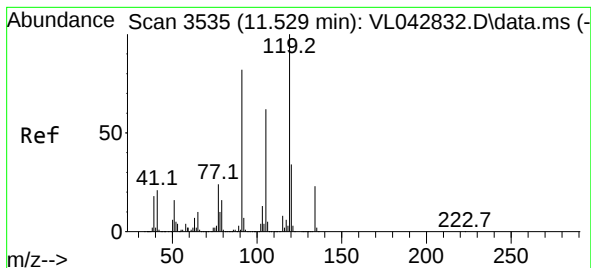
Tgt Ion: 83 Resp: 266936
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.6
85 63.9 32.6 97.8



#64
n-propylbenzene
Concen: 12.025 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 120 Resp: 173876
Ion Ratio Lower Upper
120 100
91 478.7 379.2 568.8





#65

tert-Butylbenzene

Concen: 12.163 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

ClientSampleId :

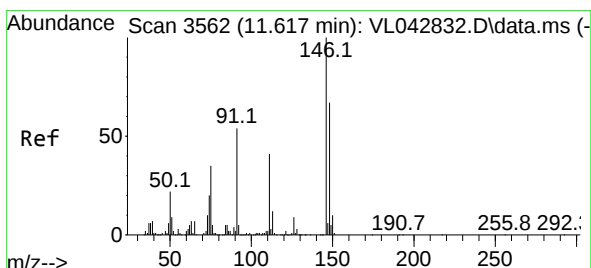
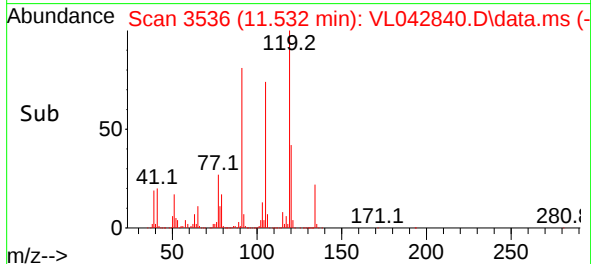
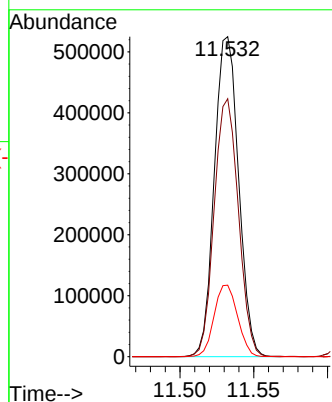
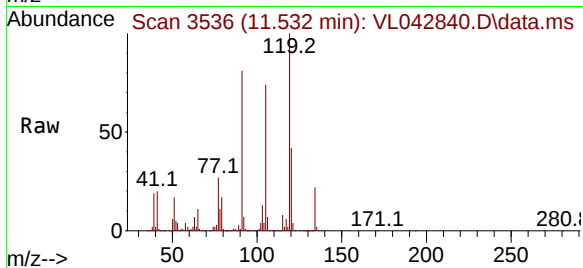
Tgt Ion:119 Resp: 600574

Ion Ratio Lower Upper

119 100

91 80.5 64.6 96.8

134 21.7 17.1 25.7



#66

Benzyl Chloride

Concen: 11.412 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

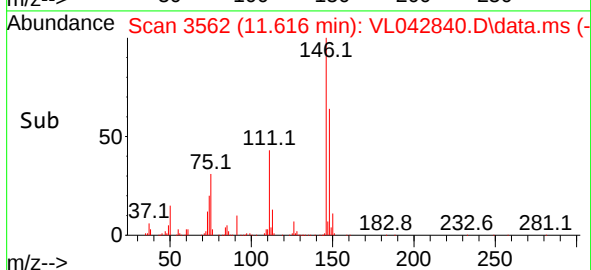
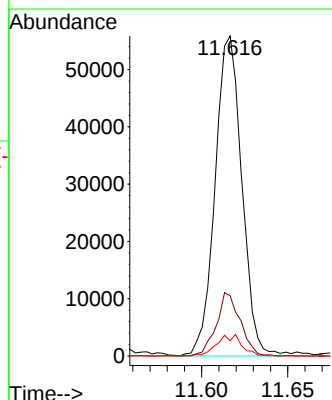
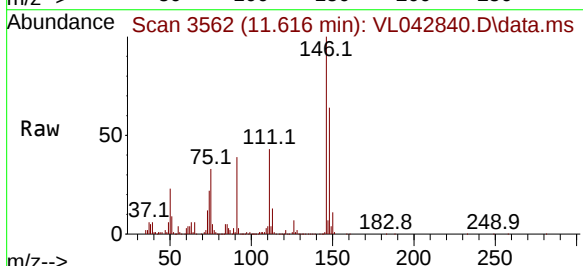
Tgt Ion: 91 Resp: 60327

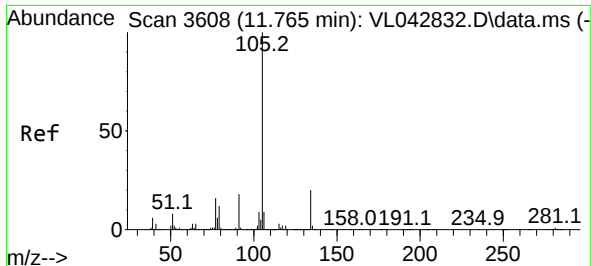
Ion Ratio Lower Upper

91 100

126 17.7 13.6 20.4

128 6.3 4.7 7.1

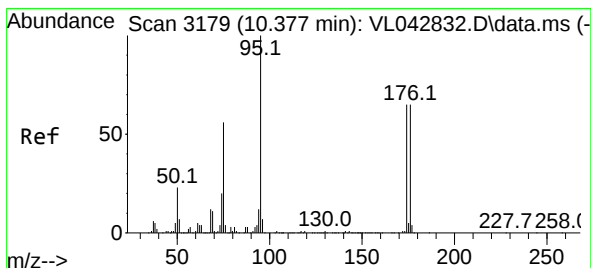
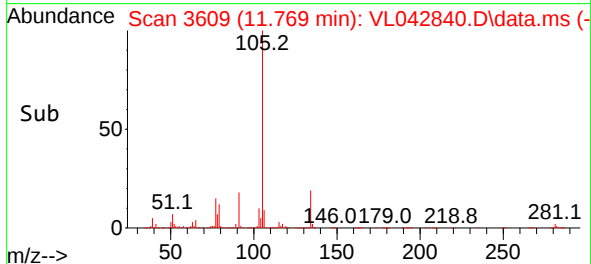
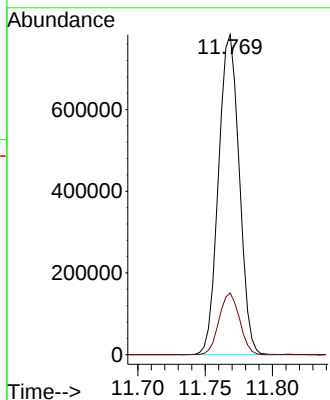
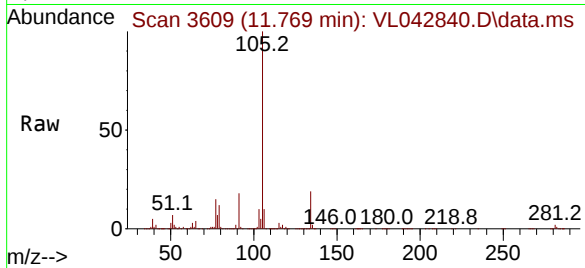




#67
 sec-Butylbenzene
 Concen: 11.517 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

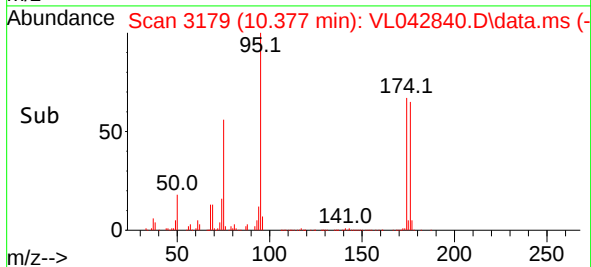
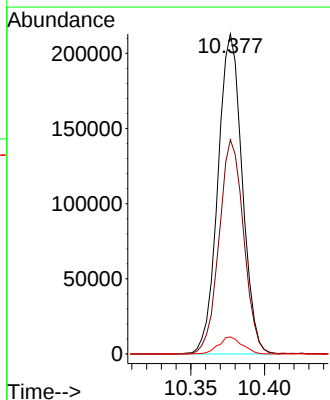
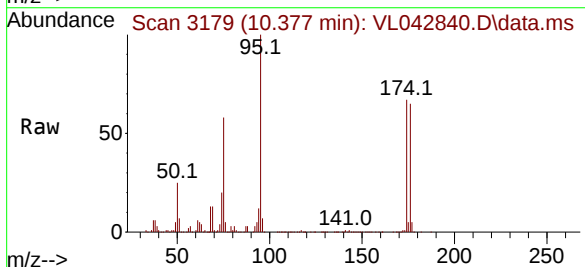
Instrument :
 MSVOA_L
 ClientSampleId :

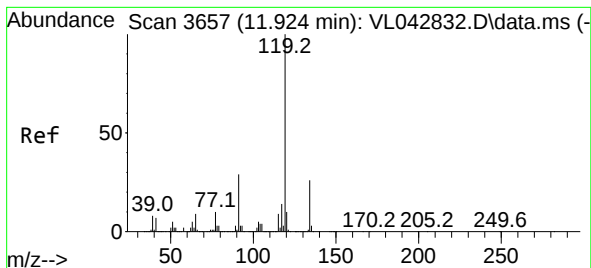
Tgt Ion:105 Resp: 839423
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.7 23.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.093 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion: 95 Resp: 243564
 Ion Ratio Lower Upper
 95 100
 174 68.0 52.6 78.8
 175 5.2 3.9 5.9

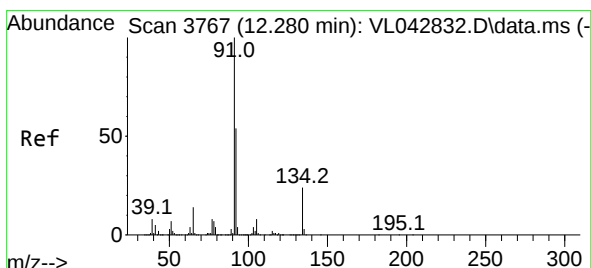
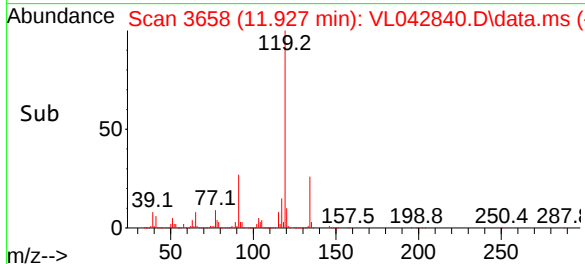
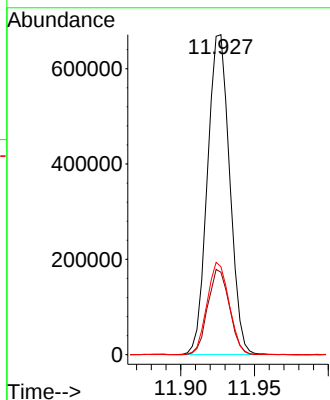
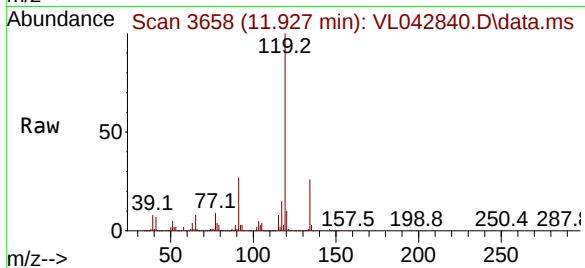




#69
p-Isopropyltoluene
Concen: 12.149 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

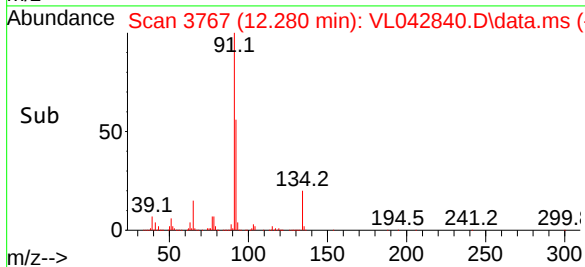
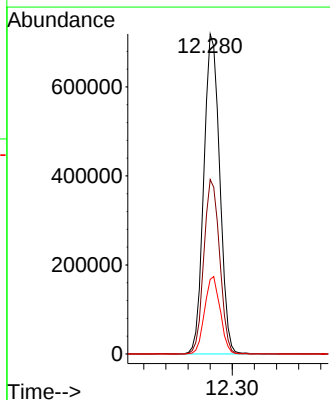
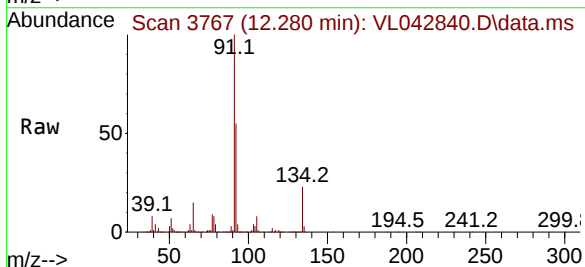
Instrument :
MSVOA_L
ClientSampleId :

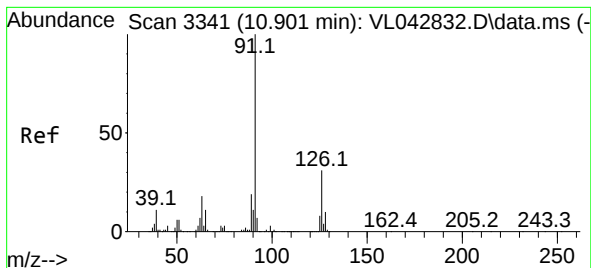
Tgt Ion:119 Resp: 703523
Ion Ratio Lower Upper
119 100
134 26.1 20.5 30.7
91 28.5 23.2 34.8



#70
n-Butylbenzene
Concen: 12.425 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion: 91 Resp: 717337
Ion Ratio Lower Upper
91 100
92 54.2 43.2 64.8
134 23.7 19.0 28.6

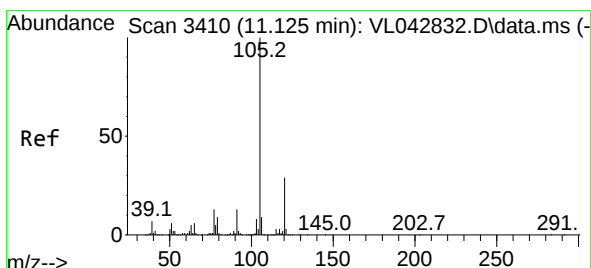
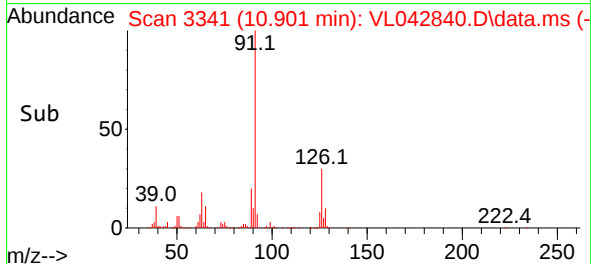
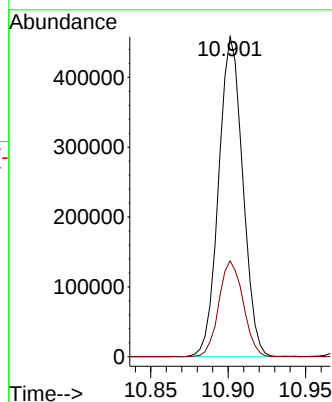
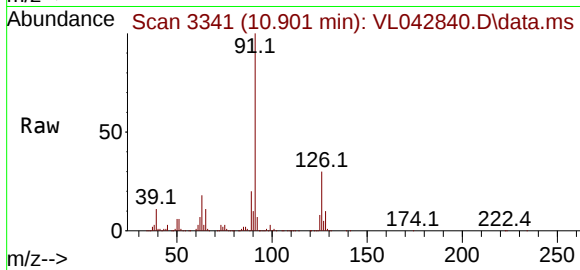




#71
2-Chlorotoluene
Concen: 12.104 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

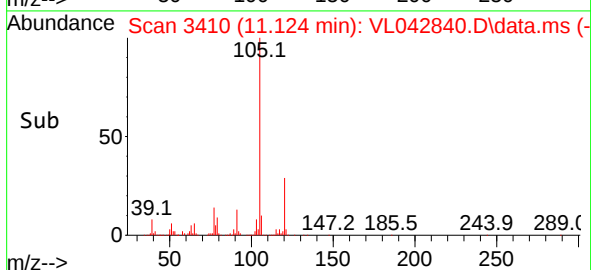
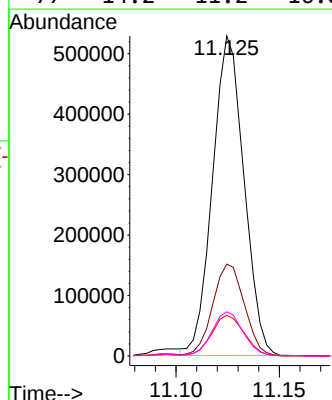
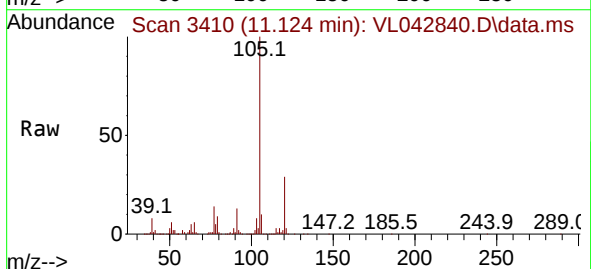
Instrument :
MSVOA_L
ClientSampleId :

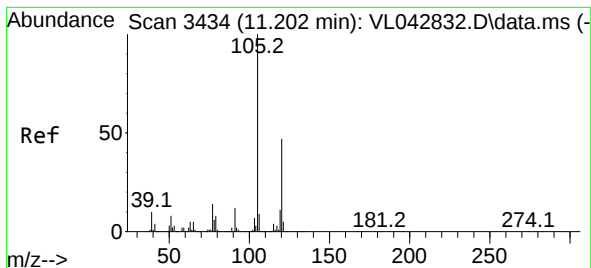
Tgt Ion: 91 Resp: 495538
Ion Ratio Lower Upper
91 100
126 30.2 12.2 48.6



#72
4-Ethyltoluene
Concen: 12.670 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

Tgt Ion:105 Resp: 559197
Ion Ratio Lower Upper
105 100
120 29.7 23.9 35.9
91 13.6 10.7 16.1
77 14.2 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 12.292 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

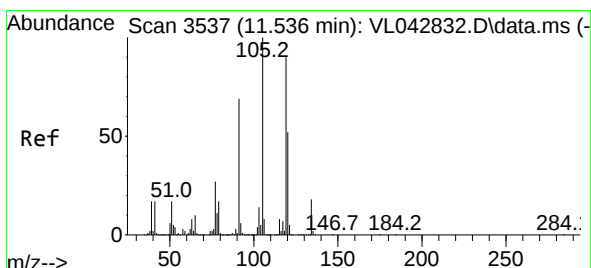
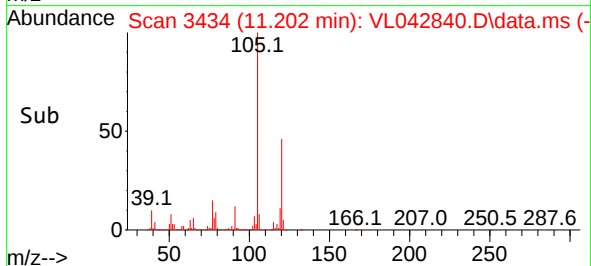
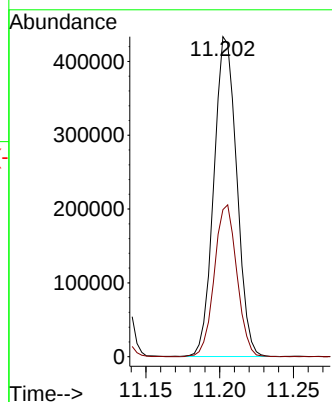
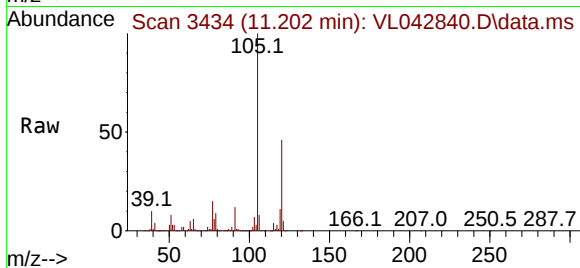
ClientSampleId :

Tgt Ion:105 Resp: 467202

Ion Ratio Lower Upper

105 100

120 46.0 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 11.670 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Tgt Ion:105 Resp: 520591

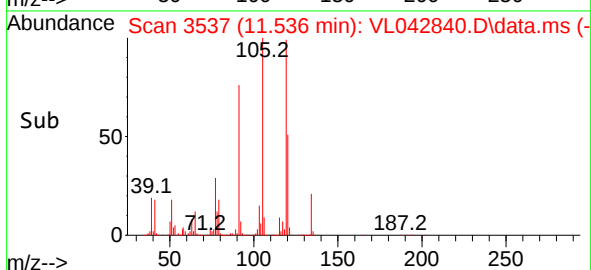
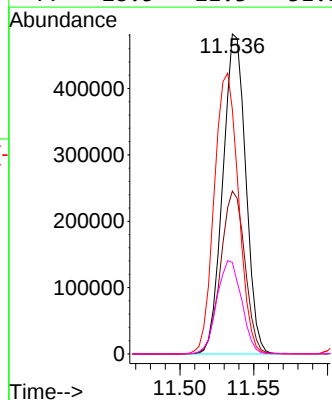
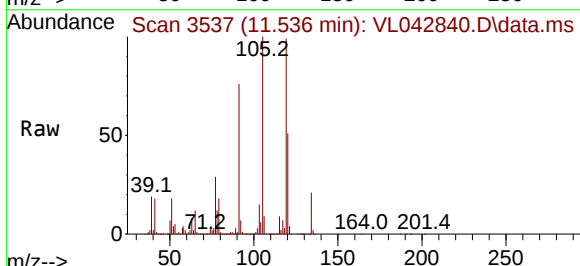
Ion Ratio Lower Upper

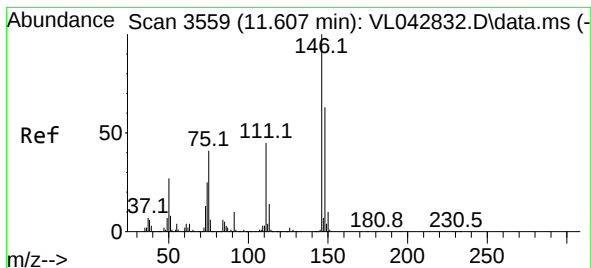
105 100

120 50.9 41.9 62.9

91 76.3 55.5 83.3

77 28.5 21.3 31.9





#75

1,3-Dichlorobenzene

Concen: 10.498 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

Instrument :

MSVOA_L

ClientSampleId :

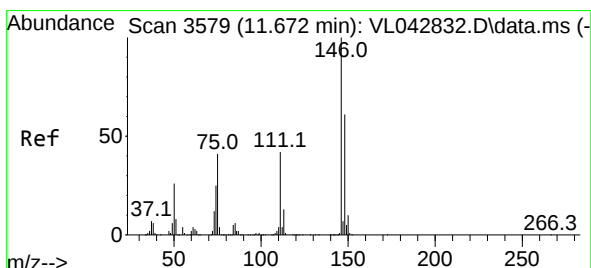
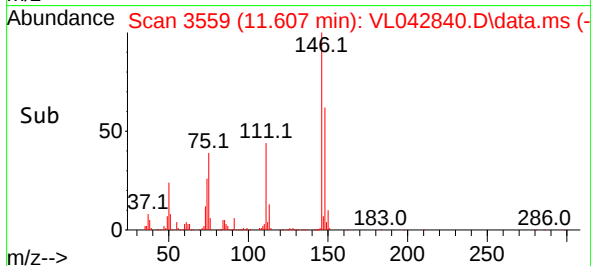
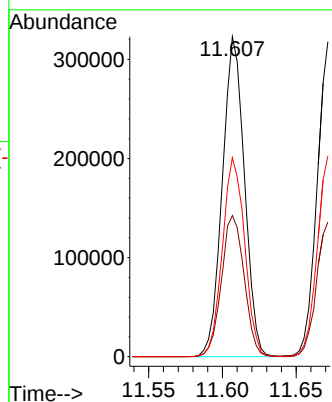
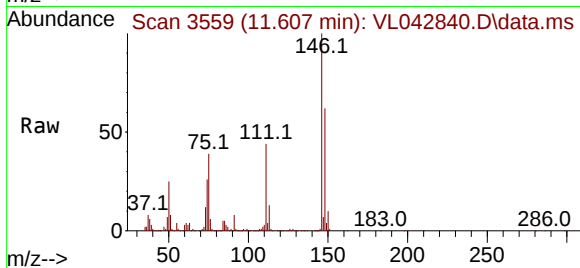
Tgt Ion:146 Resp: 336566

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

148 62.6 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 10.938 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. -0.000 min

Lab File: VL042840.D

Acq: 11 Aug 2025 13:57

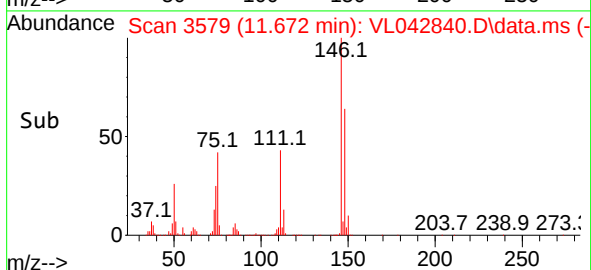
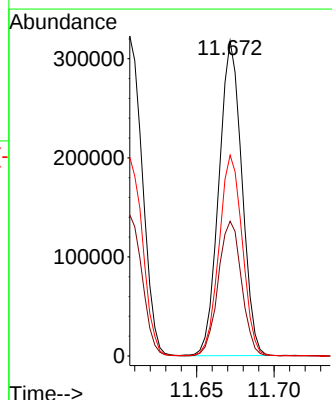
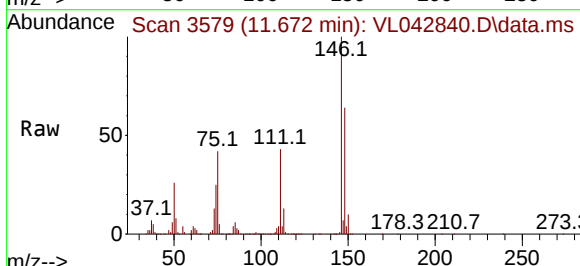
Tgt Ion:146 Resp: 327992

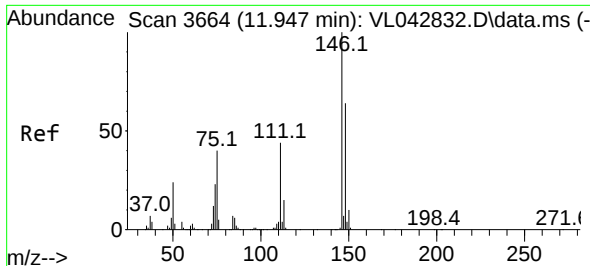
Ion Ratio Lower Upper

146 100

111 43.6 21.1 63.1

148 64.8 31.3 93.8

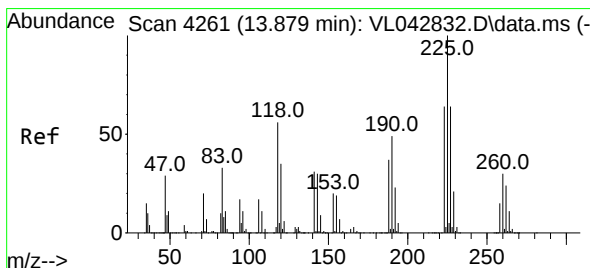
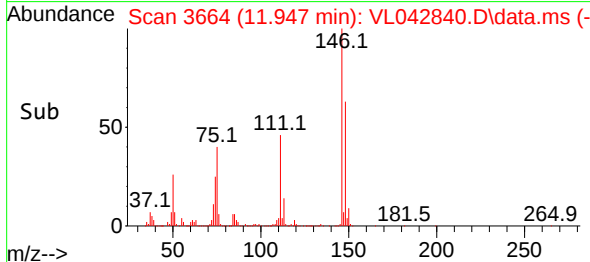
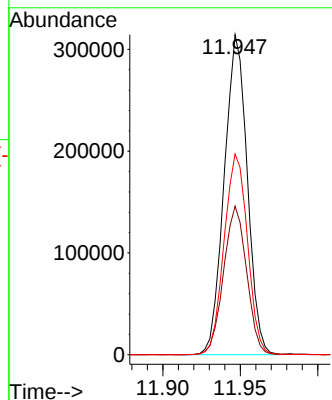
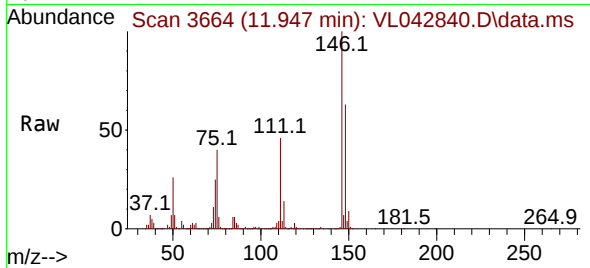




#77
 1,2-Dichlorobenzene
 Concen: 9.969 ppbv
 RT: 11.947 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

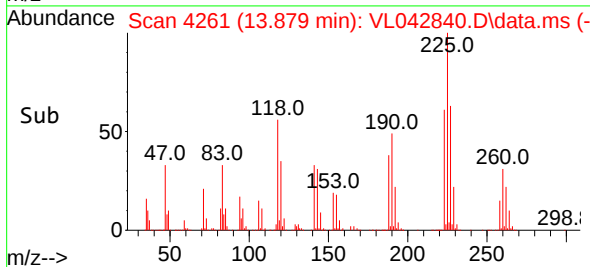
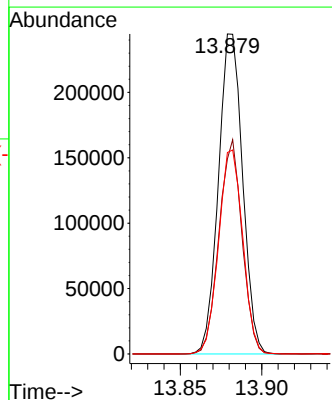
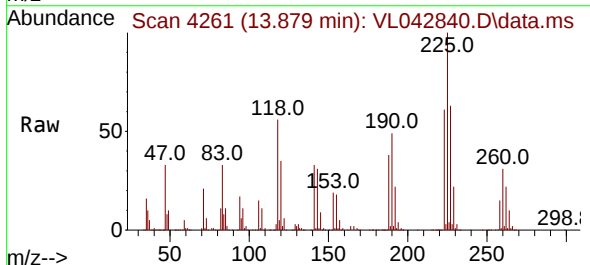
Instrument :
 MSVOA_L
 ClientSampleId :

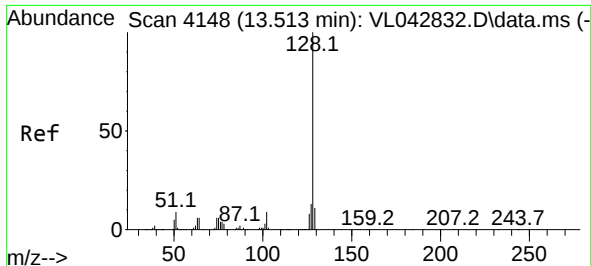
Tgt Ion:146 Resp: 325117
 Ion Ratio Lower Upper
 146 100
 111 46.6 23.2 69.6
 148 63.8 31.6 95.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.039 ppbv
 RT: 13.879 min Scan# 4261
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Tgt Ion:225 Resp: 252102
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.1 76.7
 227 63.8 50.9 76.3

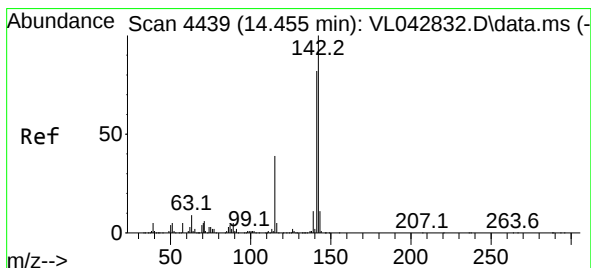
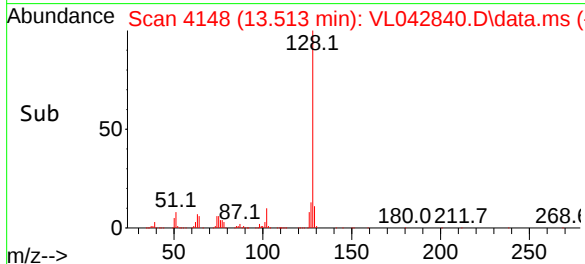
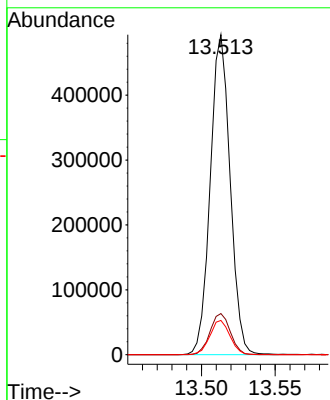
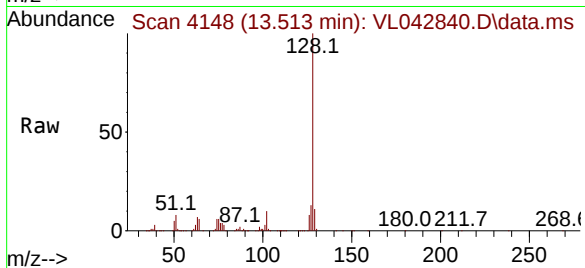




#79
Naphthalene
Concen: 10.627 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

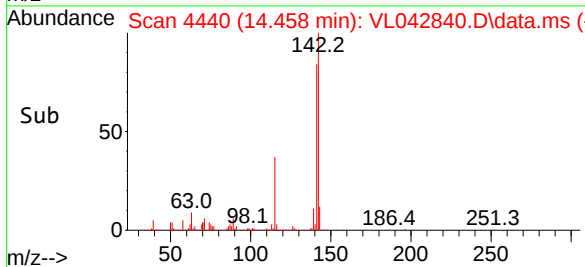
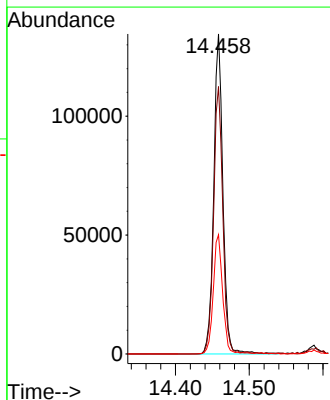
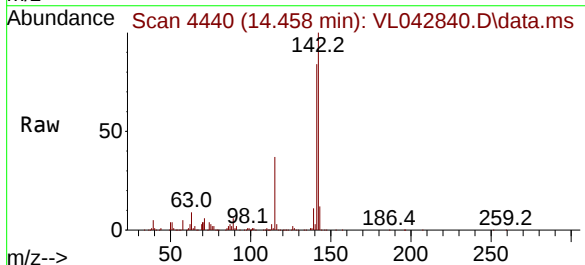
Instrument :
MSVOA_L
ClientSampleId :

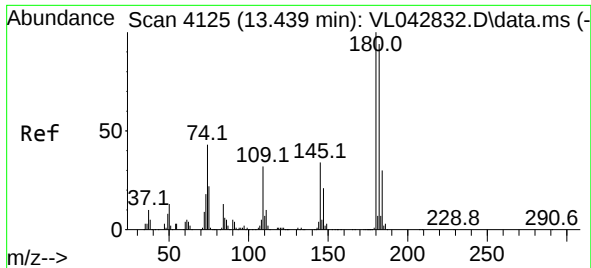
Tgt Ion:128 Resp: 461927
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 11.928 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042840.D
Acq: 11 Aug 2025 13:57

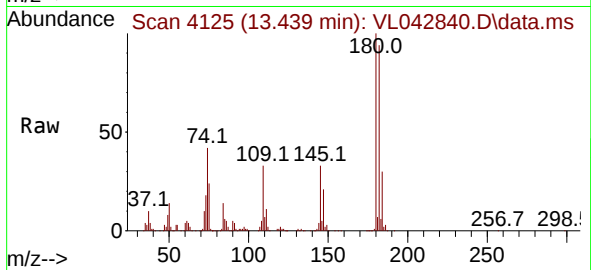
Tgt Ion:142 Resp: 115981
Ion Ratio Lower Upper
142 100
141 84.5 66.4 99.6
115 38.8 30.8 46.2





#81
 1,2,4-Trichlorobenzene
 Concen: 12.351 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042840.D
 Acq: 11 Aug 2025 13:57

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 262385
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 184 30.5 24.0 36.0

