

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042864.D
 Acq On : 13 Aug 2025 22:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 14 02:23:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	124751	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	361886	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	316740	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	253011	10.651	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	166894	9.128	ppbv	98
3) Chlorodifluoromethane	1.479	51	190356	9.419	ppbv	99
4) Chloromethane	1.538	50	64415	8.731	ppbv	99
5) Vinyl Chloride	1.583	62	61149	8.415	ppbv	94
6) Bromomethane	1.674	94	24143	8.310	ppbv	96
7) Chloroethane	1.709	64	24275	8.555	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	136775	9.142	ppbv	96
9) Propene	1.486	41	25982	2.977	ppbv	94
10) Heptane	4.998	43	202828	8.677	ppbv	100
11) Trichlorofluoromethane	1.884	101	158026	8.760	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	123853	8.614	ppbv	98
13) Ethanol	1.725	45	5850	7.331	ppbv	88
14) Bromoethene	1.787	108	46101	8.857	ppbv	99
15) Acetone	1.842	43	122464	7.421	ppbv	100
16) 1,3-Butadiene	1.612	39	60158	8.041	ppbv	99
17) tert-Butyl alcohol	2.046	59	149737	7.651	ppbv	99
18) 1,1-Dichloroethene	2.039	96	55998	8.859	ppbv	99
19) Isopropyl Alcohol	1.890	45	79487	8.064	ppbv	96
20) Methylene Chloride	2.068	84	47741	6.906	ppbv	91
21) Allyl Chloride	2.104	41	95867	8.223	ppbv	95
22) trans-1,2-Dichloroethene	2.347	96	62853	8.595	ppbv	93
23) Vinyl Acetate	2.470	43	202157	8.909	ppbv	99
24) 1,1-Dichloroethane	2.415	63	126829	8.684	ppbv	100
25) Ethyl Acetate	2.845	43	356744	8.932	ppbv	99
26) Hexane	2.836	57	167396	9.080	ppbv	98
27) Carbon Disulfide	2.156	76	151230	8.429	ppbv #	90
28) Methyl tert-Butyl Ether	2.447	73	80454	8.559	ppbv	91
29) Chloroform	2.858	83	253674	9.638	ppbv	99
30) Cyclohexane	3.871	84	142701	8.829	ppbv	99
31) cis-1,2-Dichloroethene	2.729	61	167868	9.116	ppbv	95
32) 1,1,1-Trichloroethane	3.379	97	259748	9.338	ppbv	98
34) 2-Butanone	2.567	43	233937	9.574	ppbv	99
35) Carbon Tetrachloride	3.777	117	250449	10.039	ppbv	97
36) Benzene	3.671	78	338836	9.778	ppbv	98
37) 1,2-Dichloroethane	3.230	62	196711	10.865	ppbv	99
38) Trichloroethene	4.564	130	148543	9.386	ppbv	96
39) 1,2-Dichloropropane	4.328	63	124520	9.839	ppbv	98
40) 1,4-Dioxane	4.603	88	52932	8.795	ppbv #	97
41) Tetrahydrofuran	3.065	42	129335	9.493	ppbv	99
42) Bromodichloromethane	4.506	83	276194	10.238	ppbv	98
43) Methyl Methacrylate	4.901	69	133193	9.330	ppbv	98
44) 2,2,4-Trimethylpentane	4.658	57	562365	9.561	ppbv	99
45) t-1,3-Dichloropropene	6.438	75	151624	9.411	ppbv	95

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

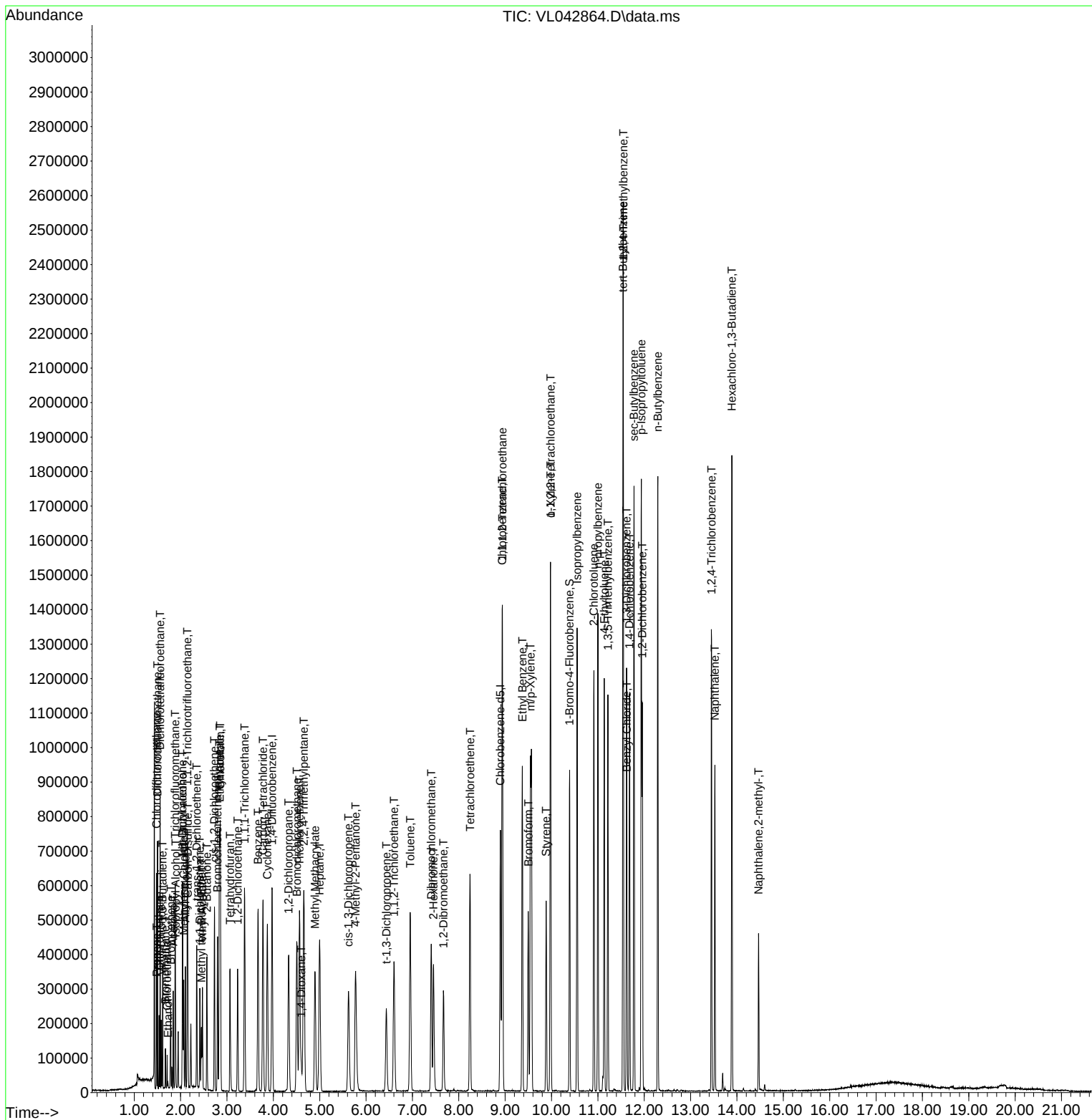
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 ClientSampleId :

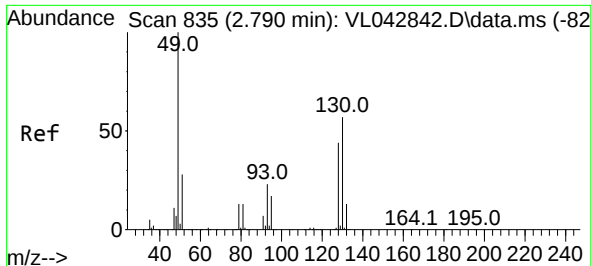
Quant Time: Aug 14 02:23:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	194664	9.697	ppbv	99
47) 1,1,2-Trichloroethane	6.603	97	133102	9.926	ppbv	96
48) Dibromochloromethane	7.406	129	216018	9.955	ppbv	99
49) Bromoform	9.500	173	172366	9.632	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	318294	9.637	ppbv	100
51) 2-Hexanone	7.454	43	253519	9.754	ppbv #	97
52) Tetrachloroethene	8.244	164	106738	8.514	ppbv	90
53) Toluene	6.953	91	390060	9.468	ppbv	99
54) 1,2-Dibromoethane	7.671	107	193235	9.860	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.940	131	158906	9.702	ppbv	99
57) Chlorobenzene	8.937	112	290153	9.634	ppbv	98
58) Ethyl Benzene	9.370	91	544607	9.743	ppbv	99
59) m/p-Xylene	9.548	91	426439	9.733	ppbv #	100
60) o-Xylene	9.979	91	433977	9.847	ppbv	99
61) Styrene	9.885	104	197351	9.558	ppbv	98
62) Isopropylbenzene	10.552	105	625694	9.715	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.979	83	234700	9.684	ppbv	99
64) n-propylbenzene	11.002	120	157395	9.578	ppbv	96
65) tert-Butylbenzene	11.542	119	533032	9.388	ppbv	95
66) Benzyl Chloride	11.626	91	52495	7.283	ppbv	98
67) sec-Butylbenzene	11.778	105	771711	9.683	ppbv	98
69) p-Isopropyltoluene	11.937	119	633258	9.255	ppbv	97
70) n-Butylbenzene	12.293	91	661296	9.745	ppbv	99
71) 2-Chlorotoluene	10.914	91	481312	9.624	ppbv	97
72) 4-Ethyltoluene	11.137	105	524389	9.815	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	434476	9.563	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	482283	9.671	ppbv	95
75) 1,3-Dichlorobenzene	11.620	146	270838	9.554	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	267746	9.339	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	257825	9.288	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	174005	7.648	ppbv	98
79) Naphthalene	13.523	128	428714	9.482	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	128201	7.589	ppbv	98
81) 1,2,4-Trichlorobenzene	13.452	180	207593	9.136	ppbv	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
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QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

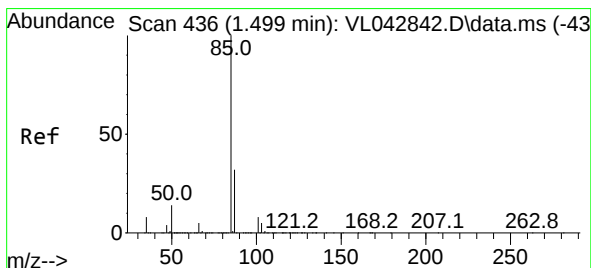
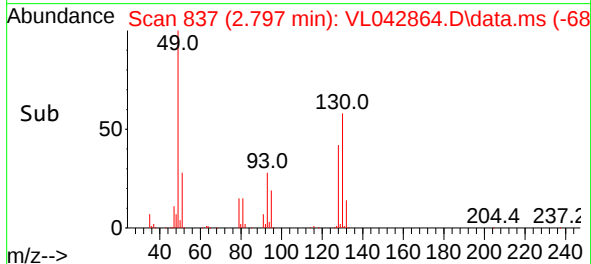
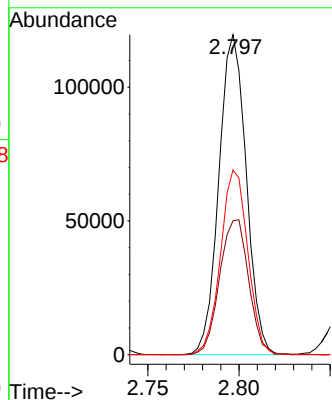
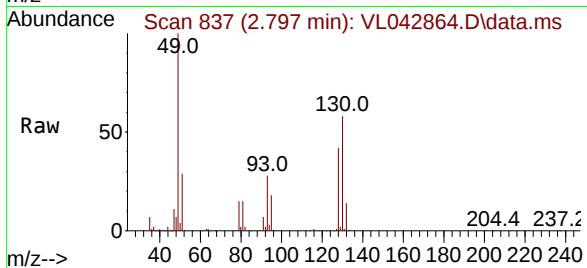




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

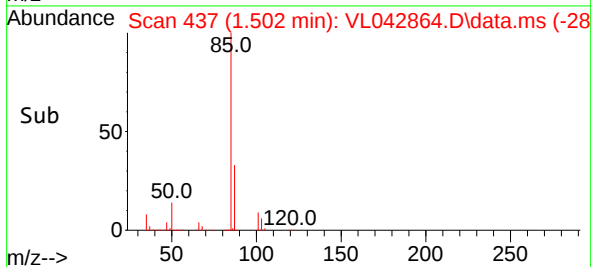
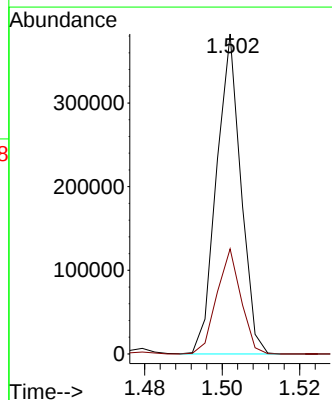
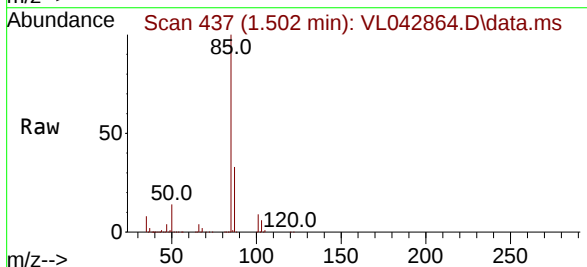
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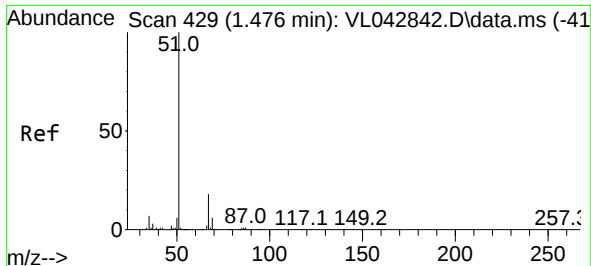
Tgt Ion: 49 Resp: 124751
 Ion Ratio Lower Upper
 49 100
 128 44.8 23.7 71.1
 130 57.6 30.6 91.6



#2
 Dichlorodifluoromethane
 Concen: 9.128 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 85 Resp: 166894
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.3 37.9

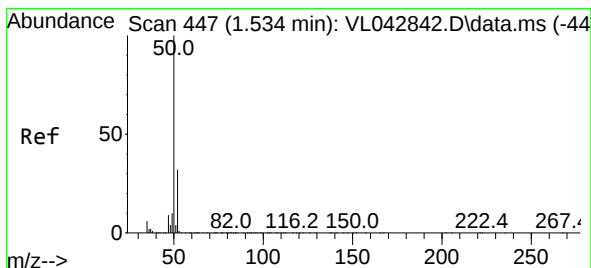
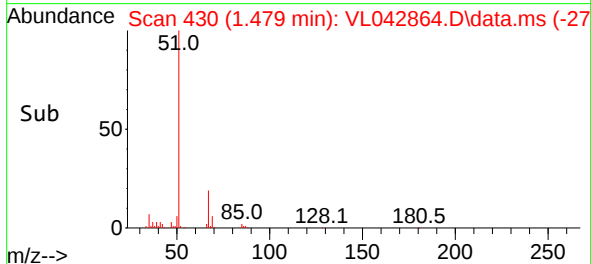
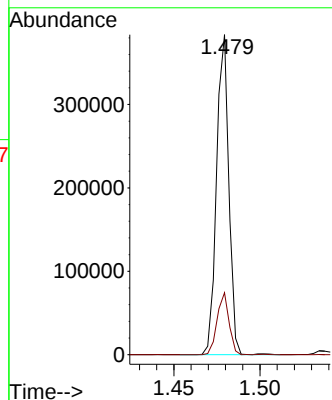
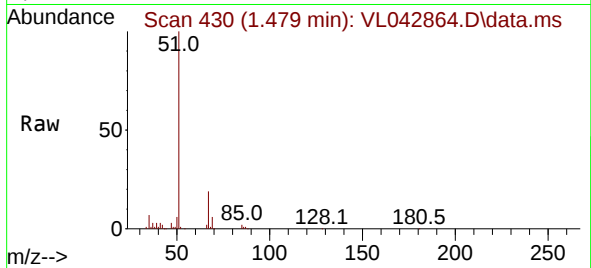




#3
Chlorodifluoromethane
Concen: 9.419 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

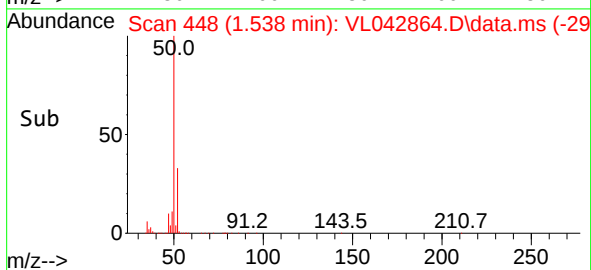
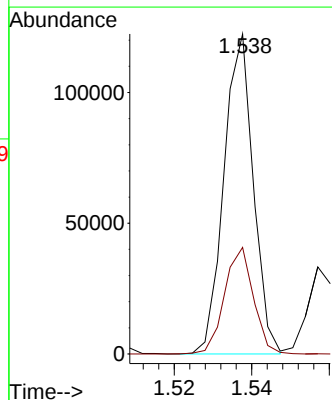
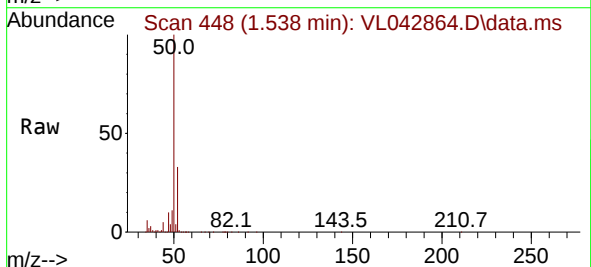
Instrument :
MSVOA_L
ClientSampleId :

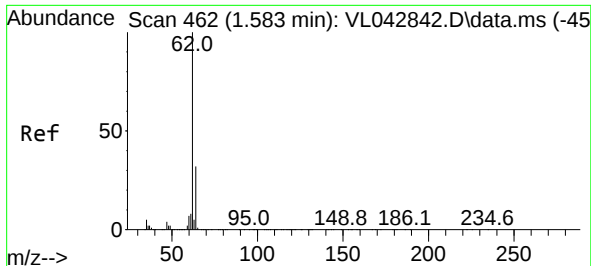
Tgt Ion: 51 Resp: 190356
Ion Ratio Lower Upper
51 100
67 18.8 14.9 22.3



#4
Chloromethane
Concen: 8.731 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 50 Resp: 64415
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

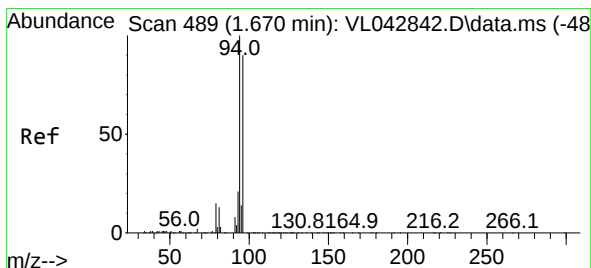
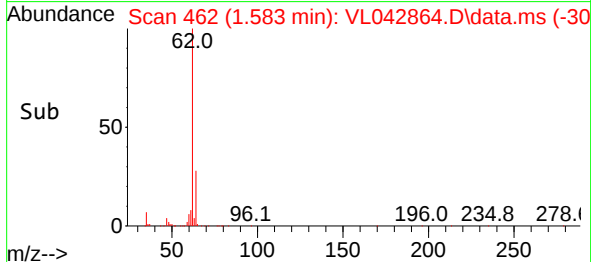
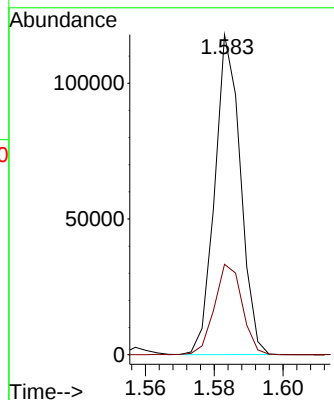
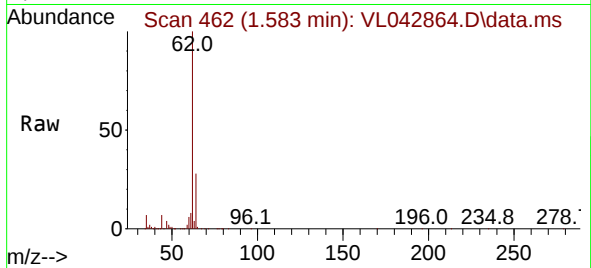




#5
 Vinyl Chloride
 Concen: 8.415 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

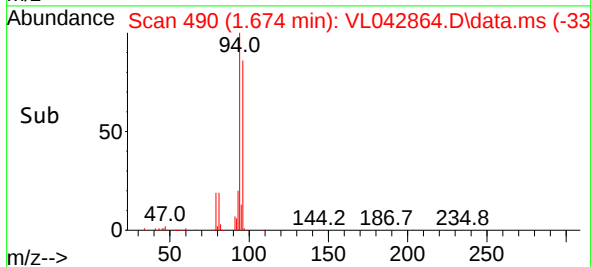
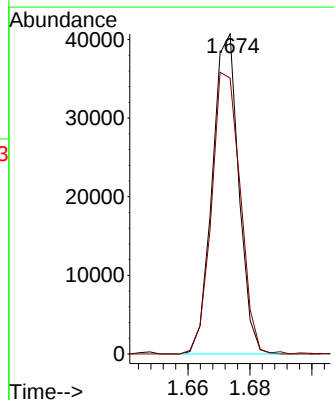
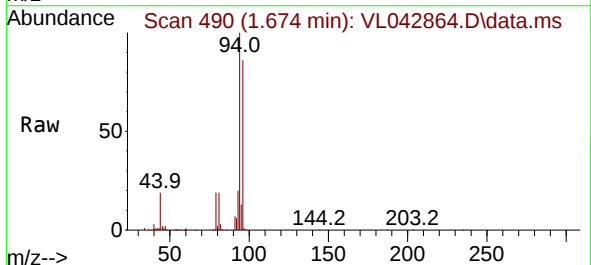
Instrument :
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 ClientSampleId :

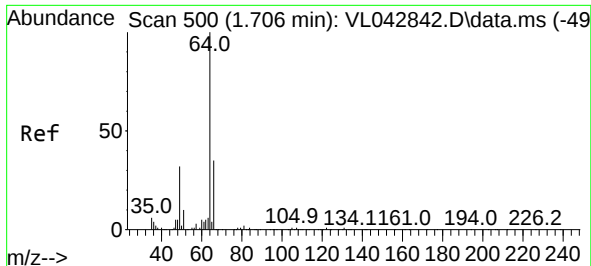
Tgt Ion: 62 Resp: 61149
 Ion Ratio Lower Upper
 62 100
 64 28.3 25.4 38.2



#6
 Bromomethane
 Concen: 8.310 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 94 Resp: 24143
 Ion Ratio Lower Upper
 94 100
 96 86.2 72.1 108.1

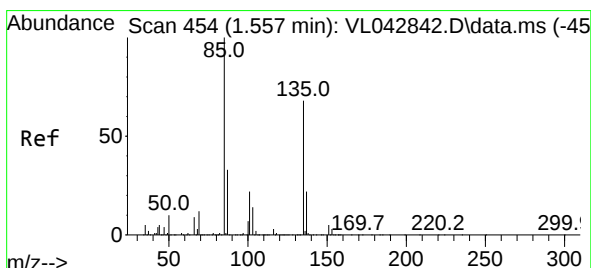
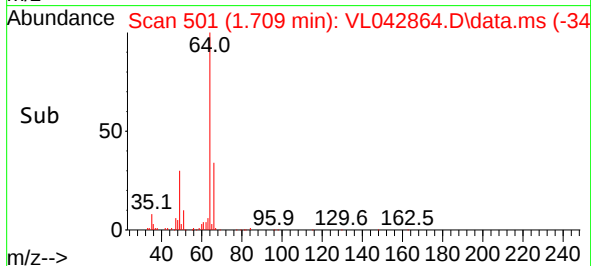
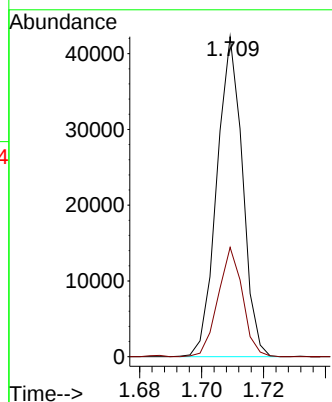
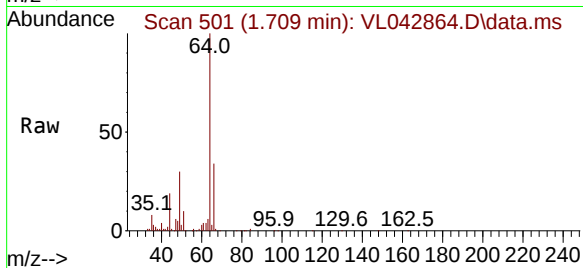




#7
Chloroethane
Concen: 8.555 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

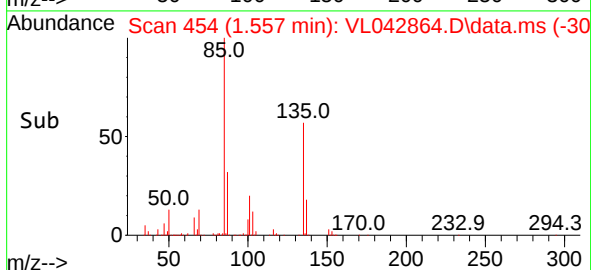
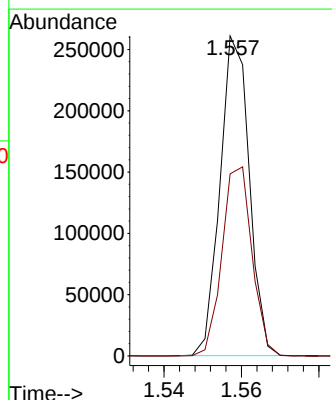
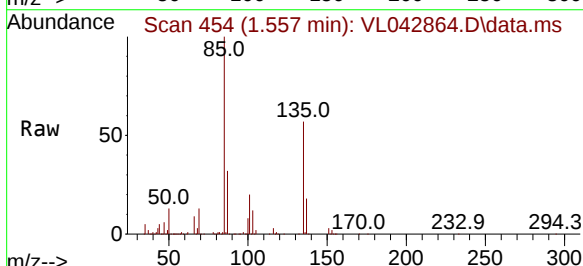
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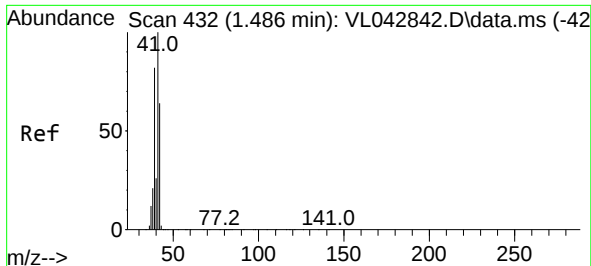
Tgt Ion: 64 Resp: 24275
Ion Ratio Lower Upper
64 100
66 34.2 28.6 42.8



#8
Dichlorotetrafluoroethane
Concen: 9.142 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 85 Resp: 136775
Ion Ratio Lower Upper
85 100
135 60.9 51.2 76.8

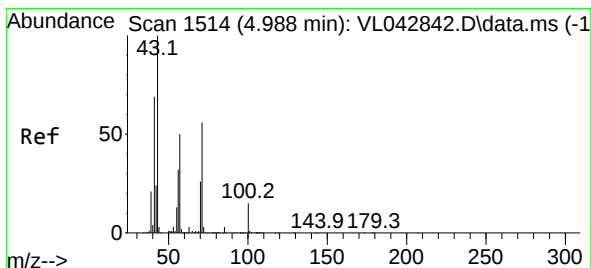
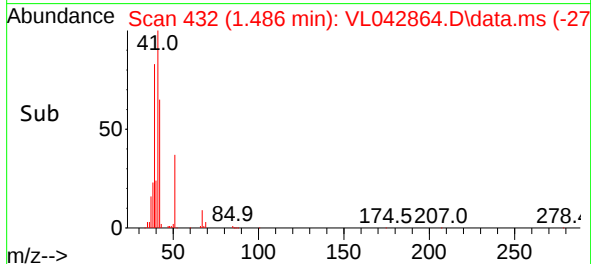
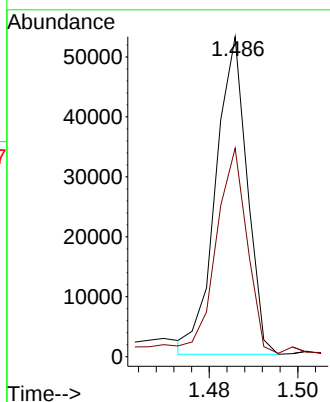
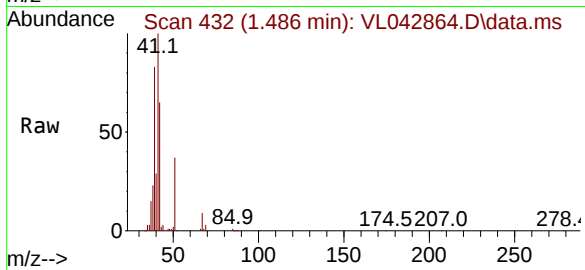




#9
Propene
Concen: 2.977 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

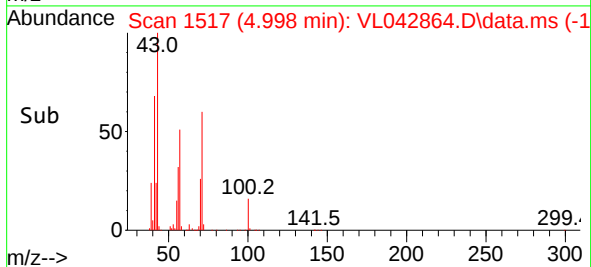
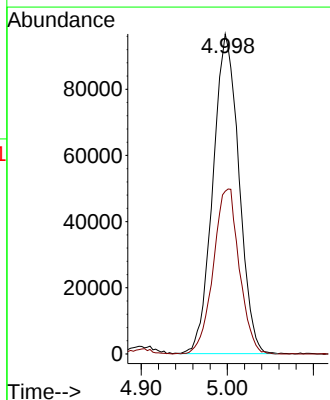
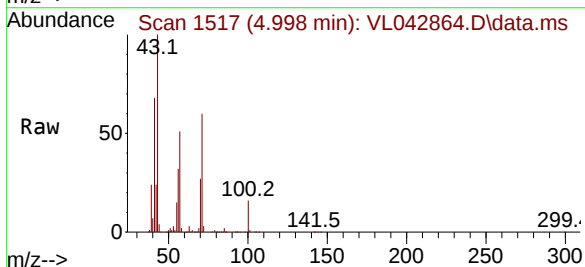
Instrument :
MSVOA_L
ClientSampleId :

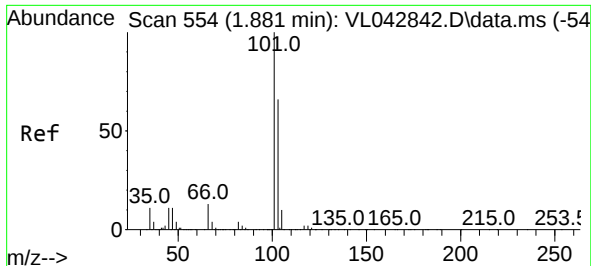
Tgt Ion: 41 Resp: 25982
Ion Ratio Lower Upper
41 100
42 71.4 53.0 79.4



#10
Heptane
Concen: 8.677 ppbv
RT: 4.998 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 43 Resp: 202828
Ion Ratio Lower Upper
43 100
57 51.7 41.4 62.0

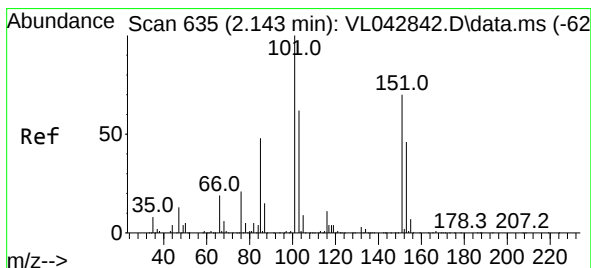
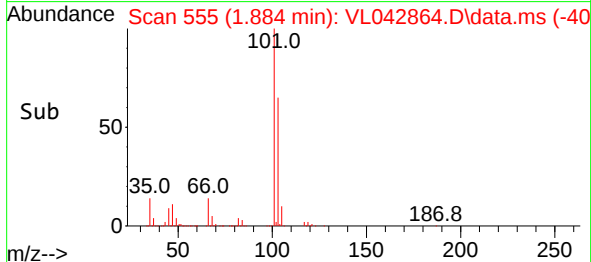
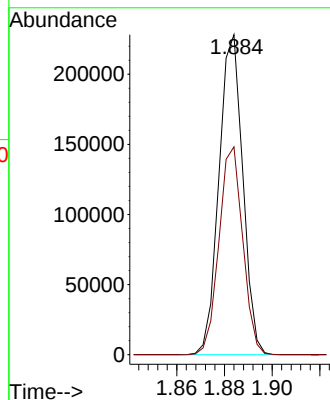
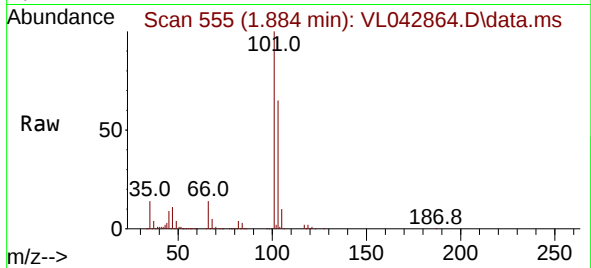




#11
 Trichlorofluoromethane
 Concen: 8.760 ppbv
 RT: 1.884 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

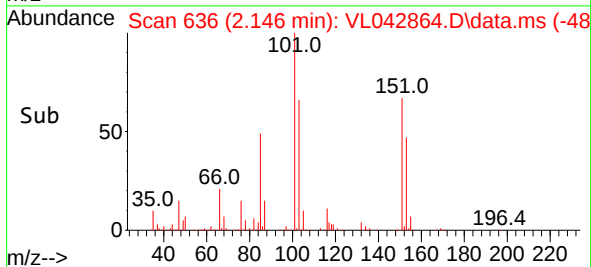
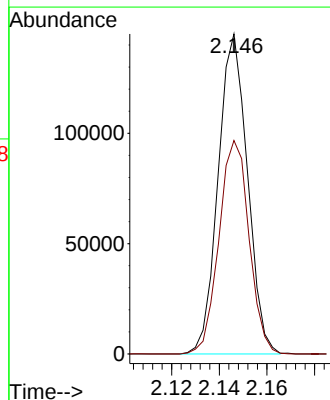
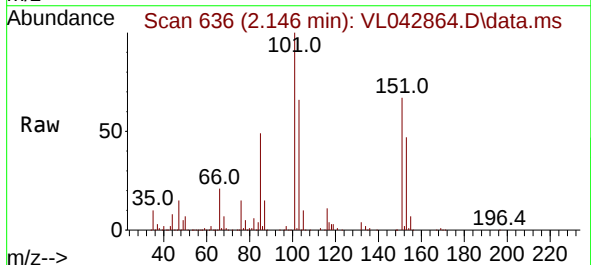
Instrument :
 MSVOA_L
 ClientSampleId :

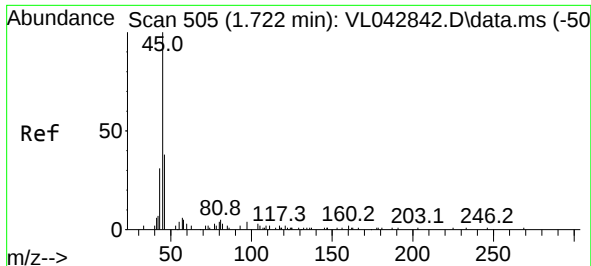
Tgt Ion:101 Resp: 158026
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.614 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion:101 Resp: 123853
 Ion Ratio Lower Upper
 101 100
 151 68.5 56.4 84.6

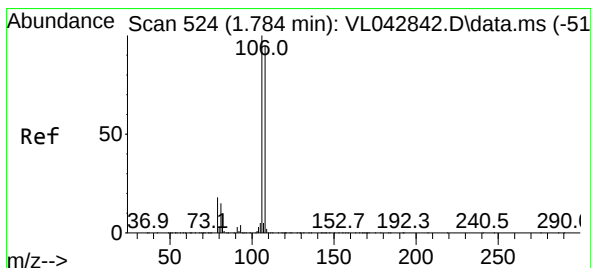
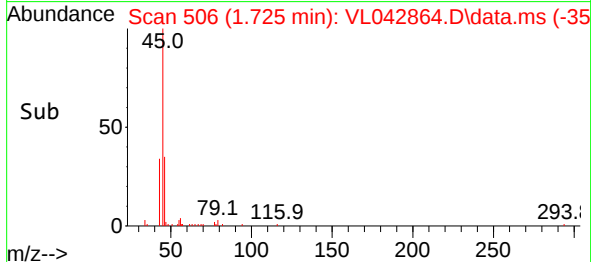
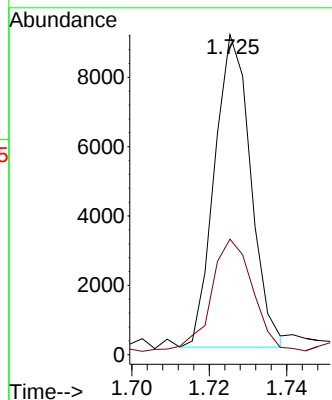
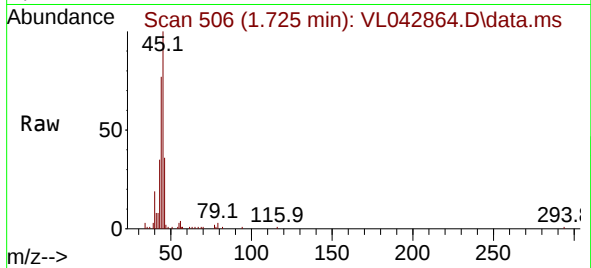




#13
Ethanol
Concen: 7.331 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

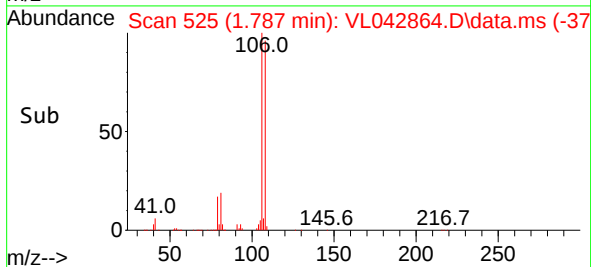
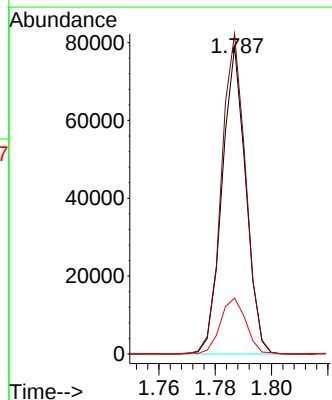
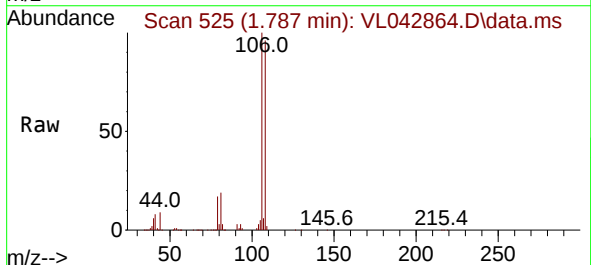
Instrument :
MSVOA_L
ClientSampleId :

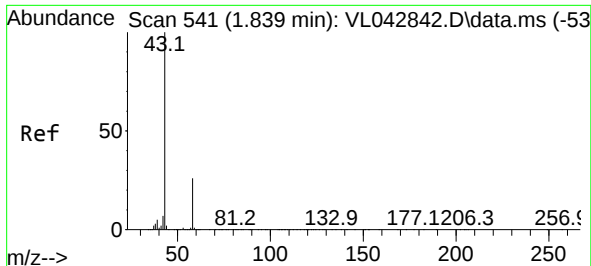
Tgt Ion: 45 Resp: 5850
Ion Ratio Lower Upper
45 100
46 51.2 17.5 69.9



#14
Bromoethene
Concen: 8.857 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 108 Resp: 46101
Ion Ratio Lower Upper
108 100
106 106.1 85.1 127.7
79 19.5 16.3 24.5

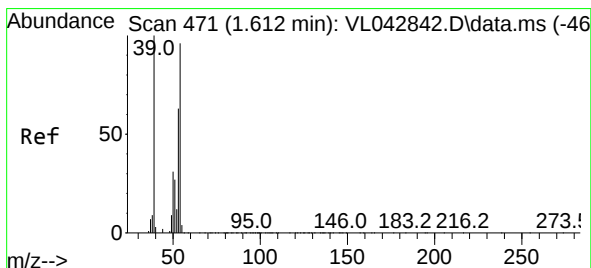
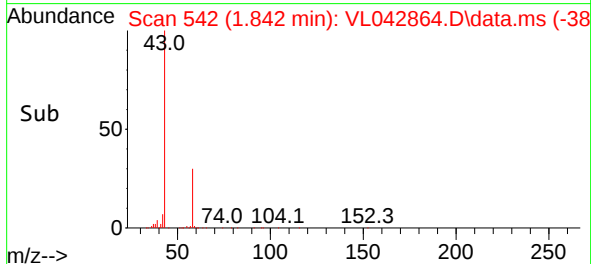
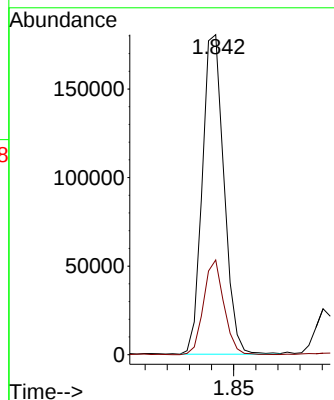
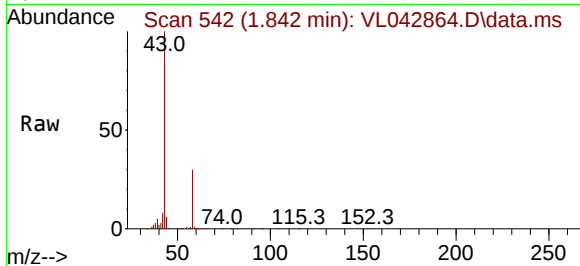




#15
Acetone
Concen: 7.421 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

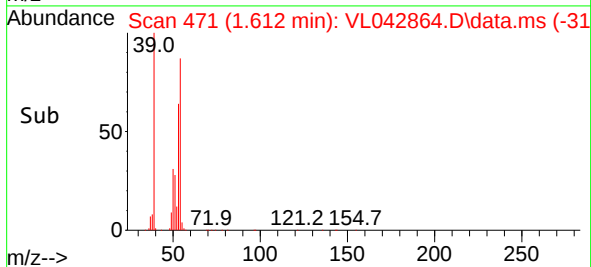
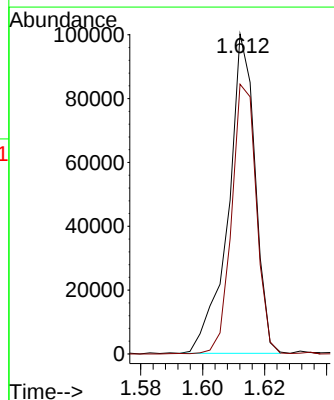
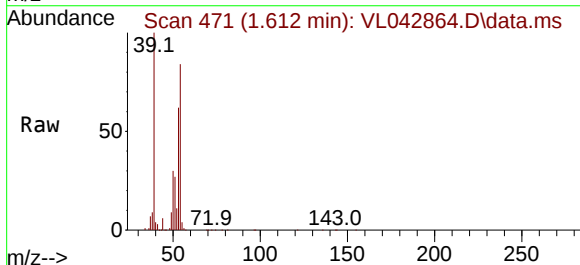
Instrument :
MSVOA_L
ClientSampleId :

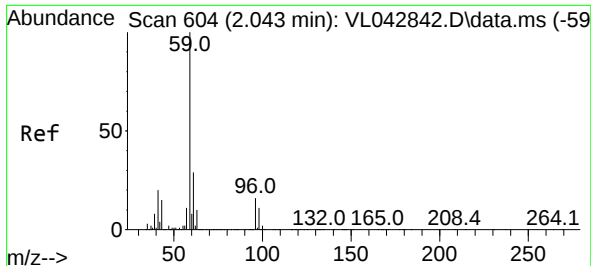
Tgt Ion: 43 Resp: 122464
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6



#16
1,3-Butadiene
Concen: 8.041 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 39 Resp: 60158
Ion Ratio Lower Upper
39 100
54 78.4 63.6 95.4





#17

tert-Butyl alcohol

Concen: 7.651 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

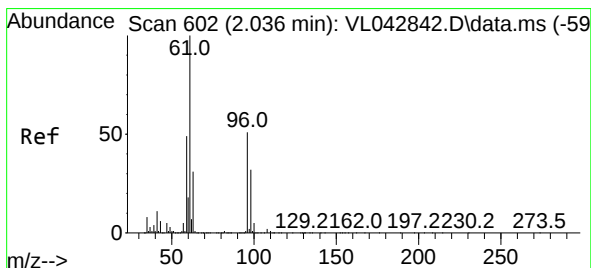
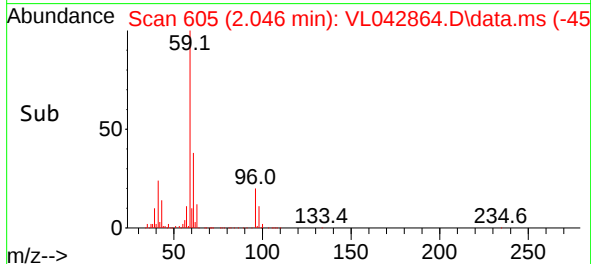
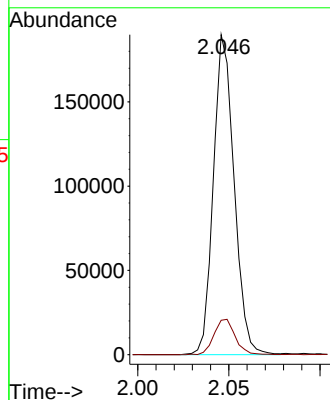
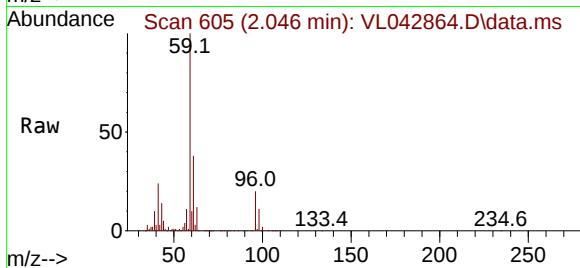
ClientSampleId :

Tgt Ion: 59 Resp: 149737

Ion Ratio Lower Upper

59 100

57 11.4 9.0 13.4



#18

1,1-Dichloroethene

Concen: 8.859 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

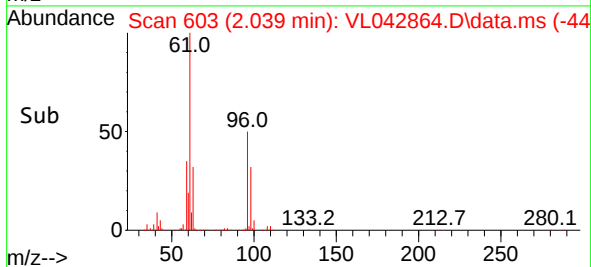
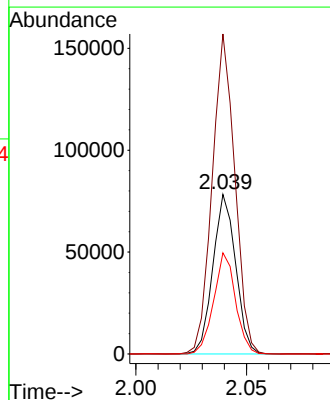
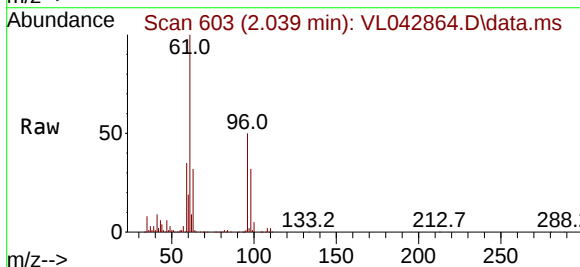
Tgt Ion: 96 Resp: 55998

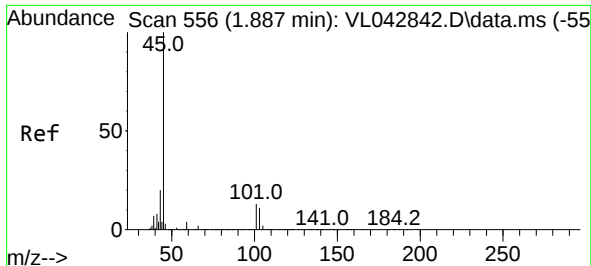
Ion Ratio Lower Upper

96 100

61 200.6 158.2 237.4

98 63.4 50.6 76.0

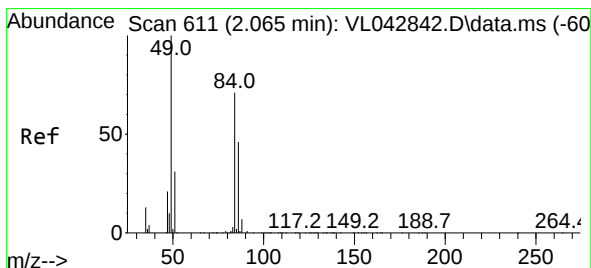
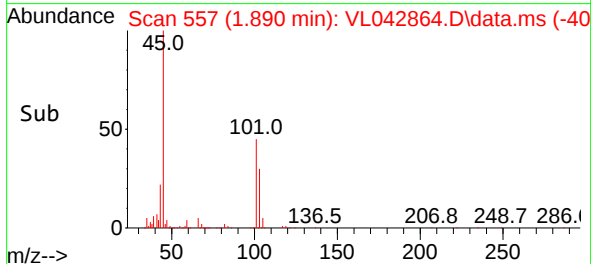
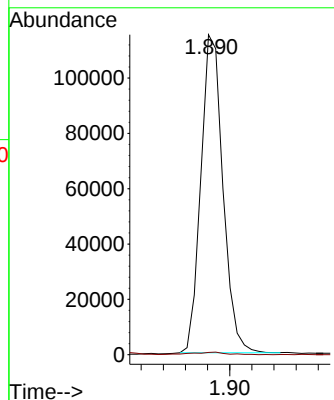
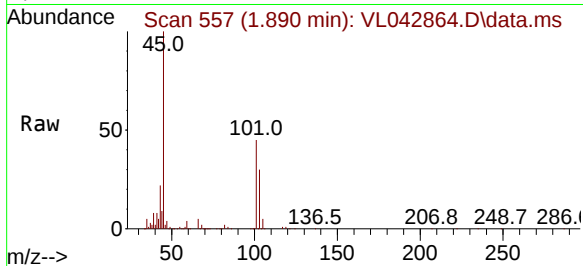




#19
Isopropyl Alcohol
Concen: 8.064 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

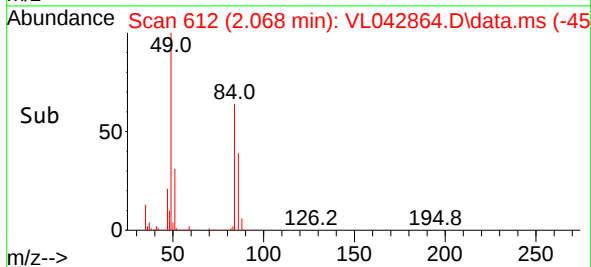
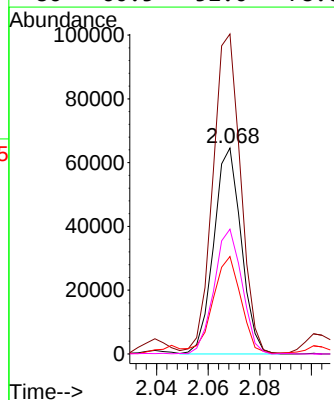
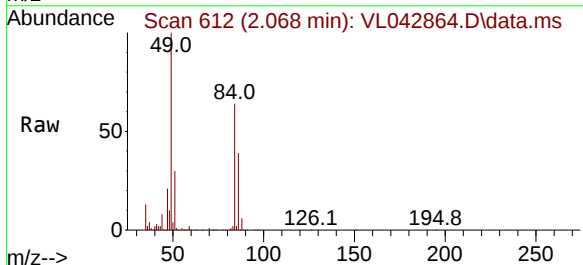
Instrument :
MSVOA_L
ClientSampleId :

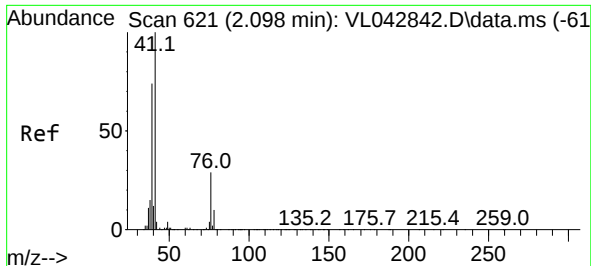
Tgt Ion: 45 Resp: 79487
Ion Ratio Lower Upper
45 100
58 43.3 32.7 49.1



#20
Methylene Chloride
Concen: 6.906 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 84 Resp: 47741
Ion Ratio Lower Upper
84 100
49 155.0 112.3 168.5
51 47.0 36.0 54.0
86 60.5 52.0 78.0

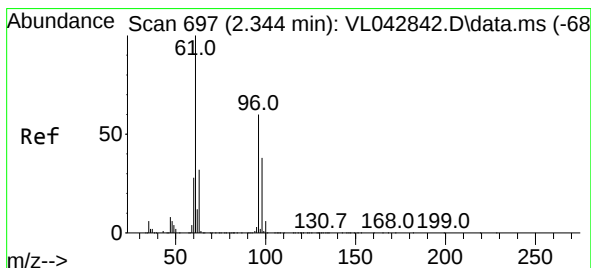
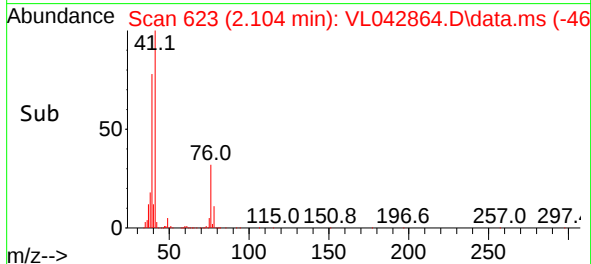
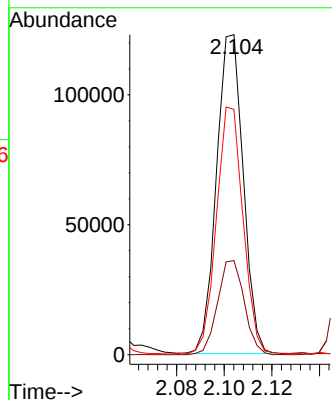
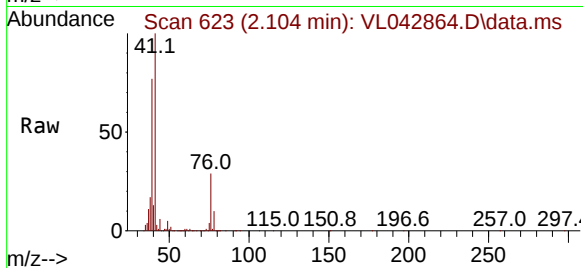




#21
 Allyl Chloride
 Concen: 8.223 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

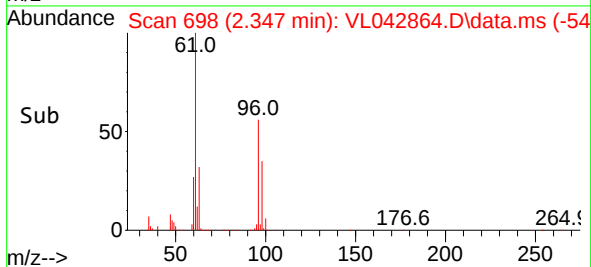
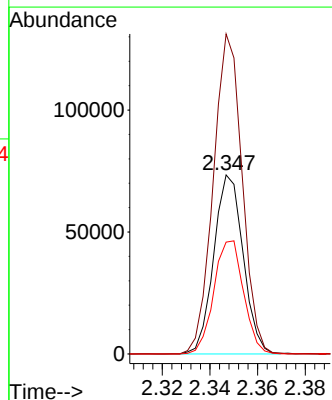
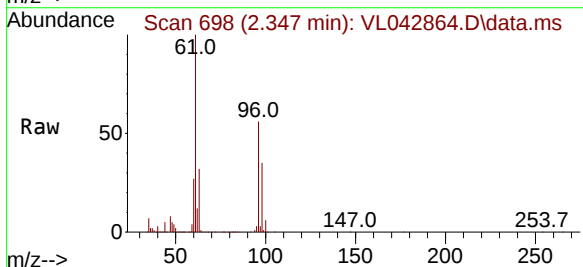
Instrument :
 MSVOA_L
 ClientSampleId :

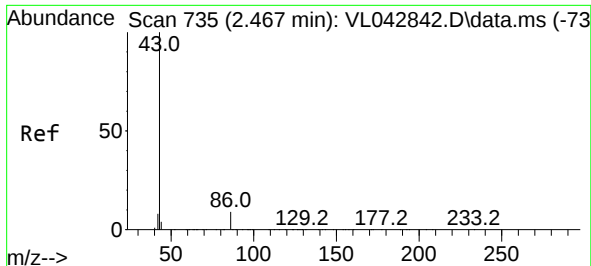
Tgt Ion: 41 Resp: 95867
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.9 35.9
 39 77.2 57.8 86.6



#22
 trans-1,2-Dichloroethene
 Concen: 8.595 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 96 Resp: 62853
 Ion Ratio Lower Upper
 96 100
 61 178.7 132.6 199.0
 98 62.5 50.0 75.0



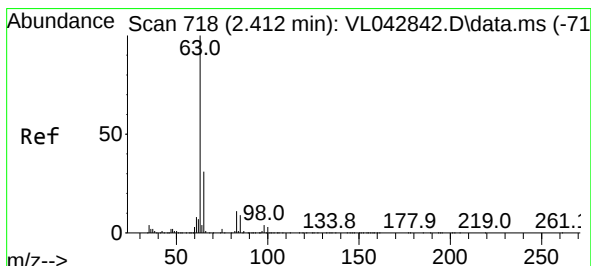
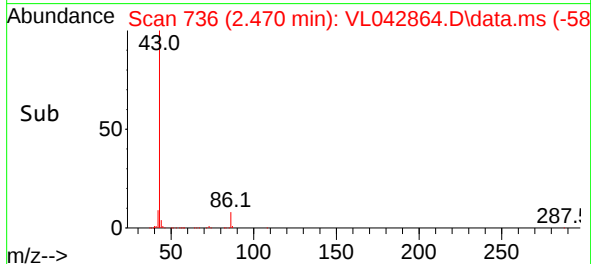
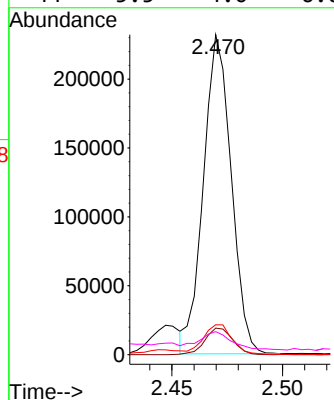
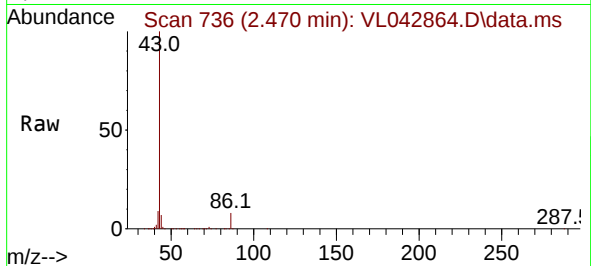


#23
 Vinyl Acetate
 Concen: 8.909 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 202157

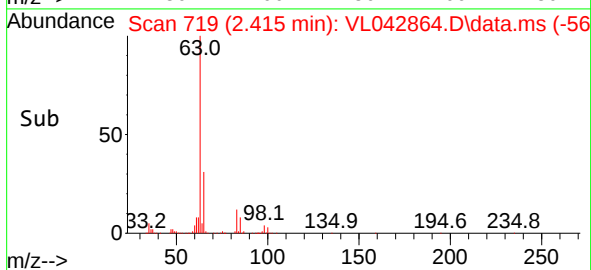
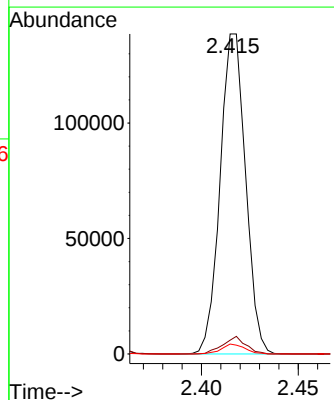
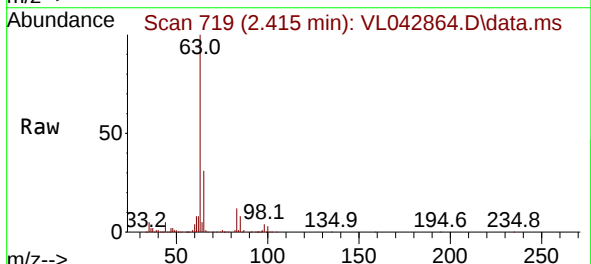
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.6	9.8
42	9.2	7.0	10.6
44	5.5	4.0	6.0

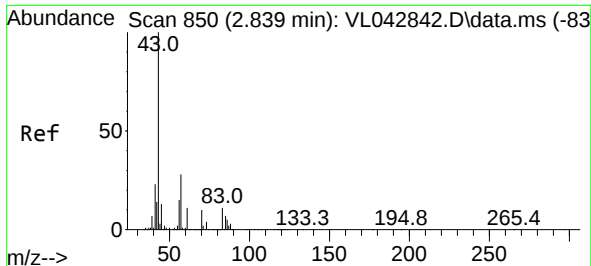


#24
 1,1-Dichloroethane
 Concen: 8.684 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 63 Resp: 126829

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	3.1	1.7	5.1





#25

Ethyl Acetate

Concen: 8.932 ppbv

RT: 2.845 min Scan# 81

Delta R.T. 0.006 min

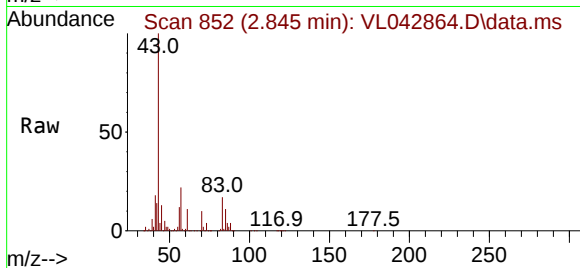
Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 356744

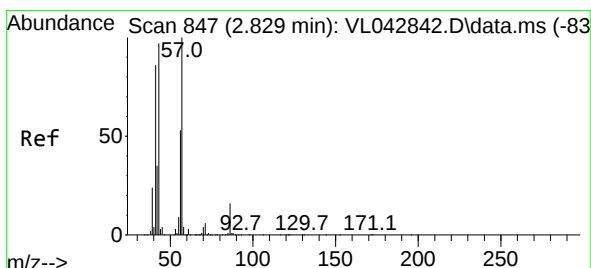
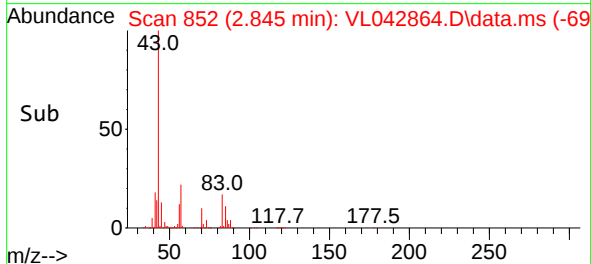
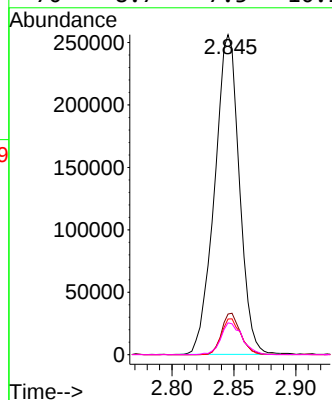
Ion Ratio Lower Upper

43 100

45 10.0 8.1 12.1

61 9.0 7.4 11.2

70 8.7 7.3 10.9



#26

Hexane

Concen: 9.080 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Tgt Ion: 57 Resp: 167396

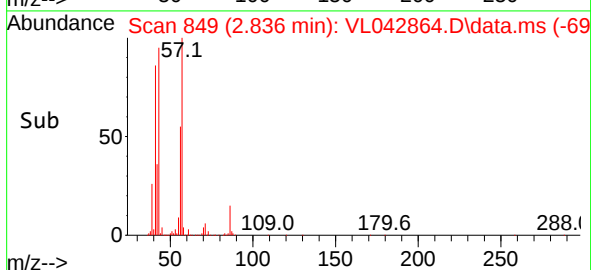
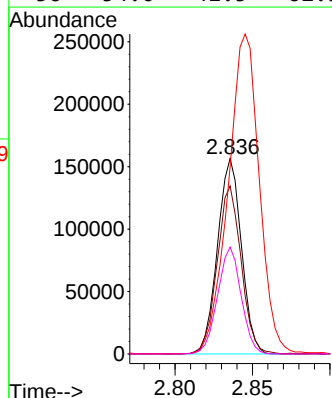
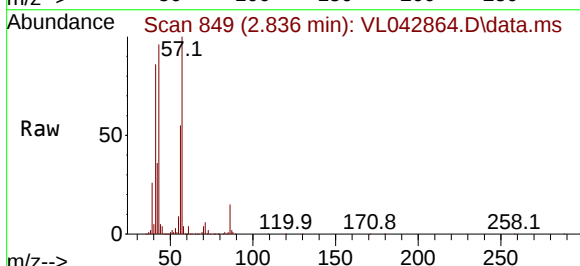
Ion Ratio Lower Upper

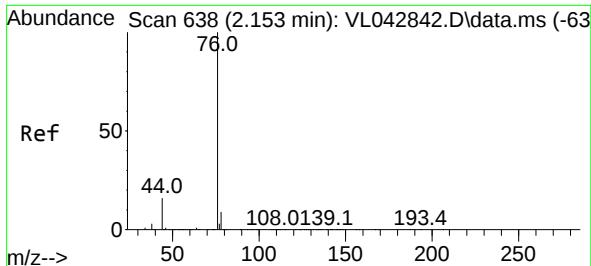
57 100

41 86.6 68.6 103.0

43 214.0 168.5 252.7

56 54.0 41.5 62.3

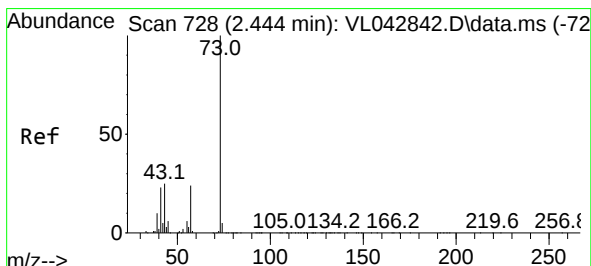
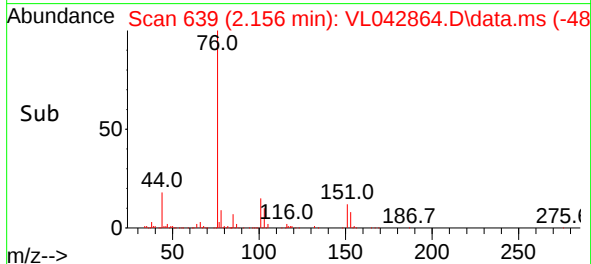
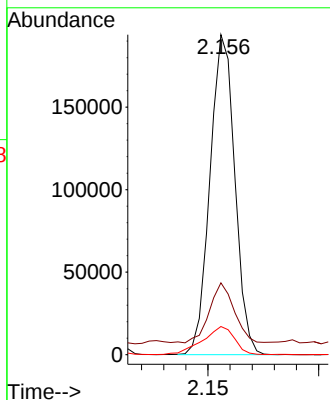
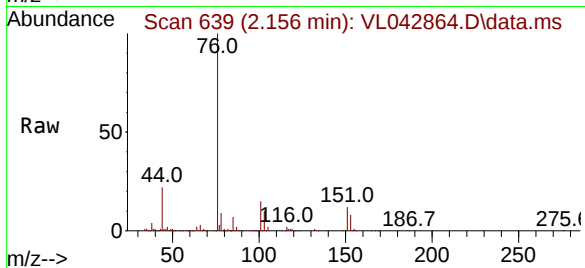




#27
Carbon Disulfide
Concen: 8.429 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

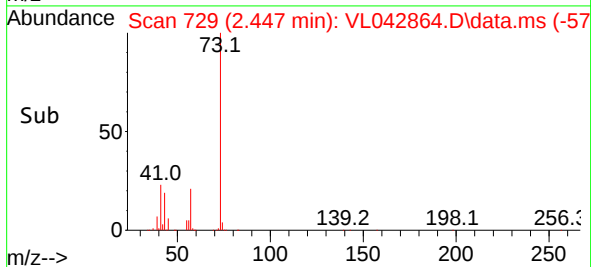
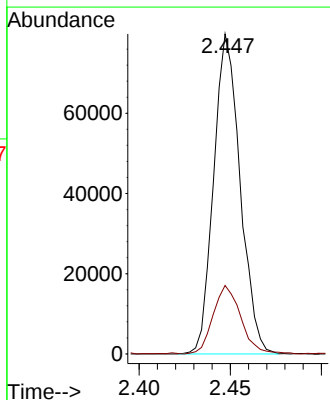
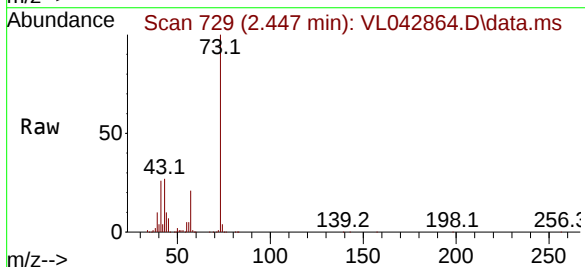
Instrument :
MSVOA_L
ClientSampleId :

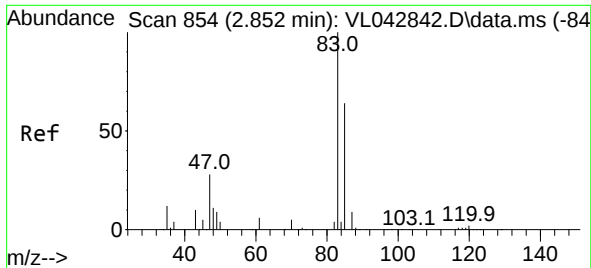
Tgt Ion: 76 Resp: 151230
Ion Ratio Lower Upper
76 100
44 27.2 15.9 23.9#
78 11.4 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 8.559 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 73 Resp: 80454
Ion Ratio Lower Upper
73 100
57 22.3 21.6 32.4





#29

Chloroform

Concen: 9.638 ppbv

RT: 2.858 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

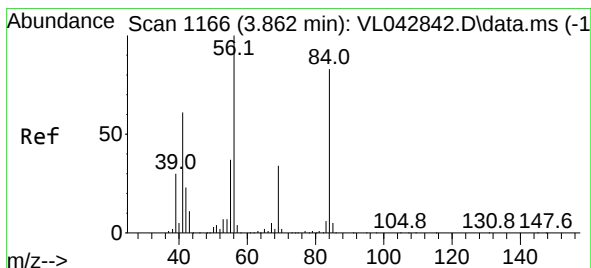
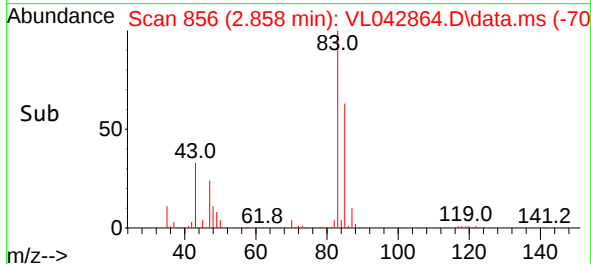
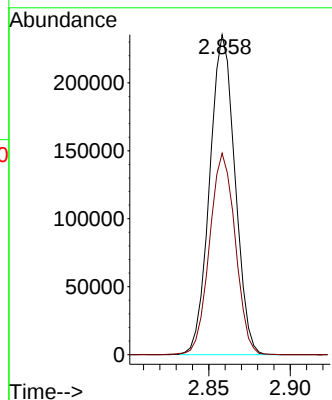
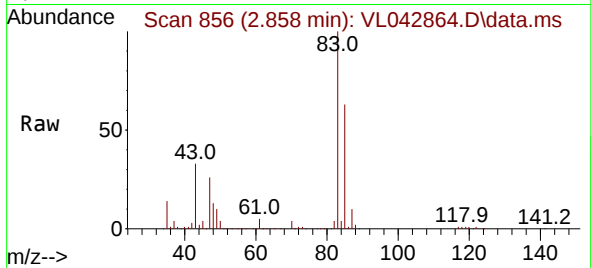
ClientSampleId :

Tgt Ion: 83 Resp: 253674

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7



#30

Cyclohexane

Concen: 8.829 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

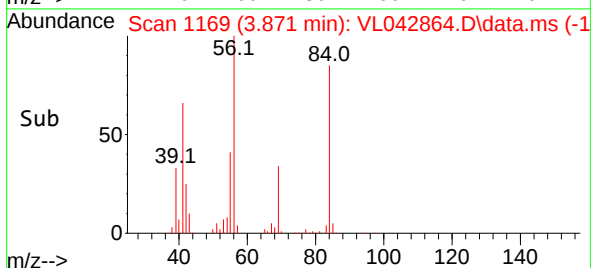
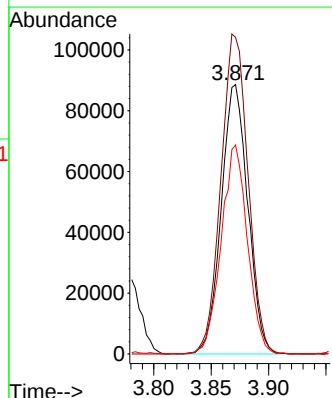
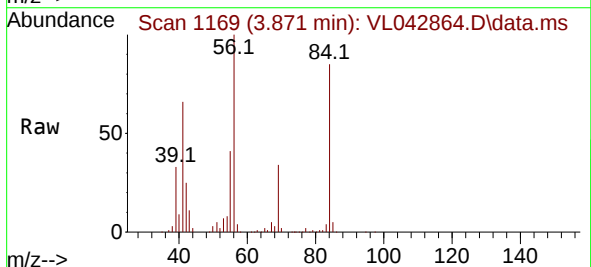
Tgt Ion: 84 Resp: 142701

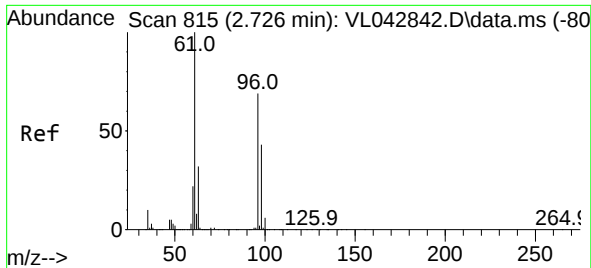
Ion Ratio Lower Upper

84 100

56 121.3 98.8 148.2

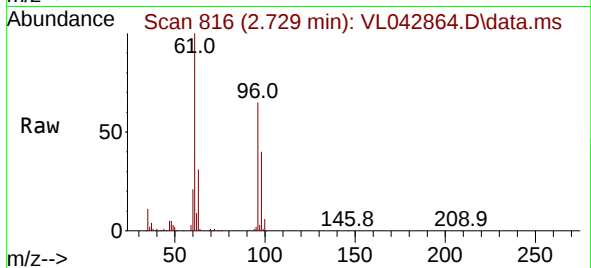
41 76.3 61.3 91.9



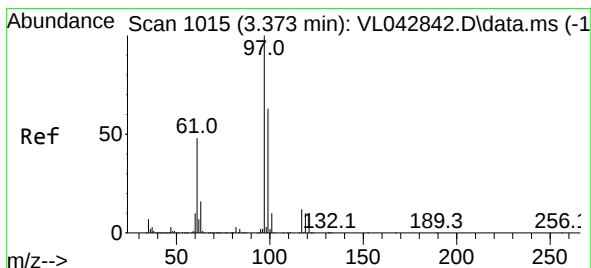
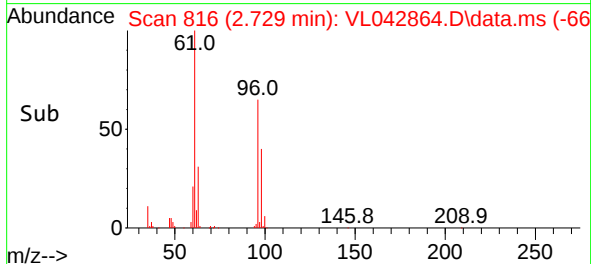
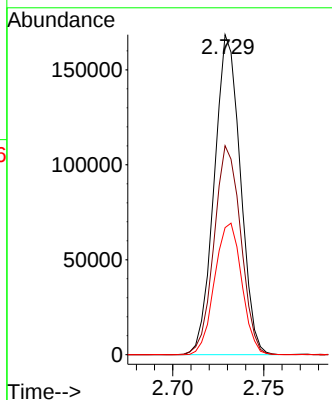


#31
 cis-1,2-Dichloroethene
 Concen: 9.116 ppbv
 RT: 2.729 min Scan# 815
 Delta R.T. 0.003 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Instrument :
 MSVOA_L
 ClientSampleId :

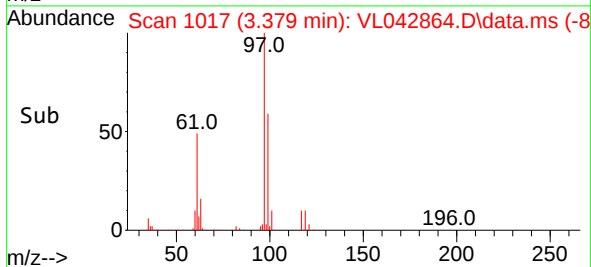
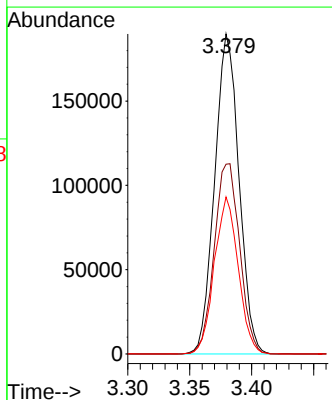
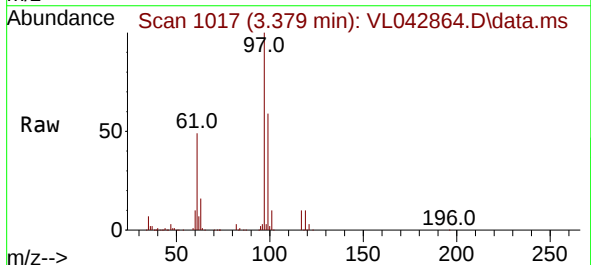


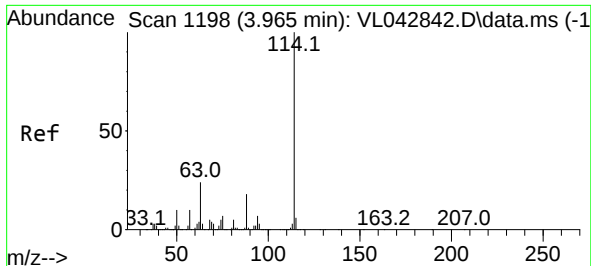
Tgt Ion: 61 Resp: 167868
 Ion Ratio Lower Upper
 61 100
 96 65.3 55.0 82.6
 98 39.7 34.3 51.5



#32
 1,1,1-Trichloroethane
 Concen: 9.338 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 97 Resp: 259748
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.0 76.6
 61 48.2 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :

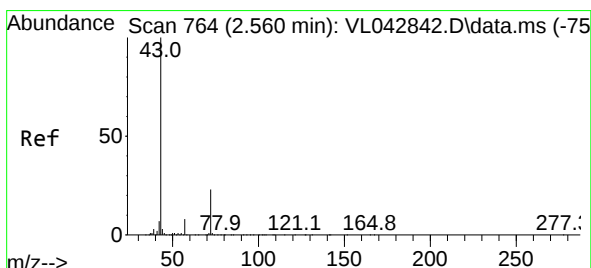
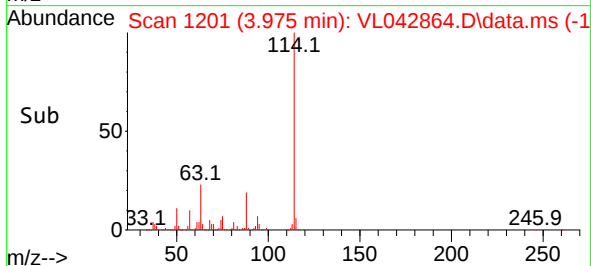
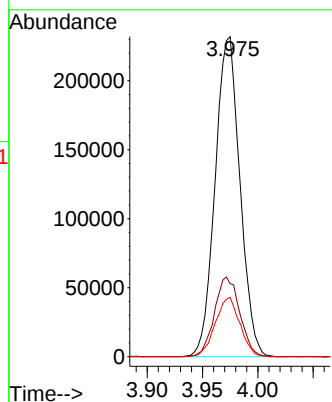
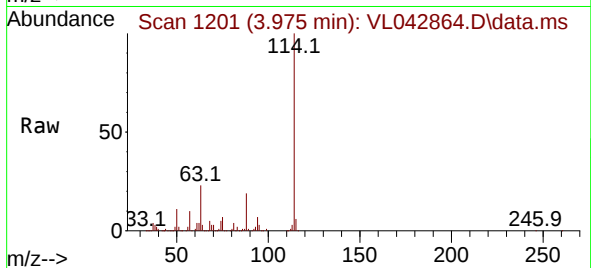
Tgt Ion:114 Resp: 361886

Ion Ratio Lower Upper

114 100

63 25.4 19.7 29.5

88 18.4 14.4 21.6



#34

2-Butanone

Concen: 9.574 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.006 min

Lab File: VL042864.D

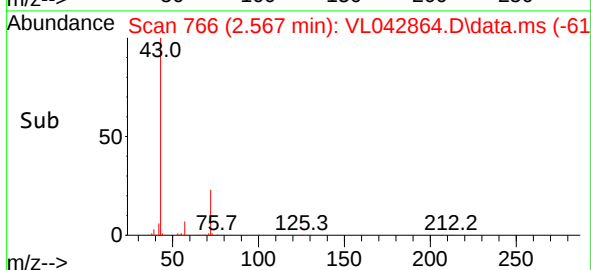
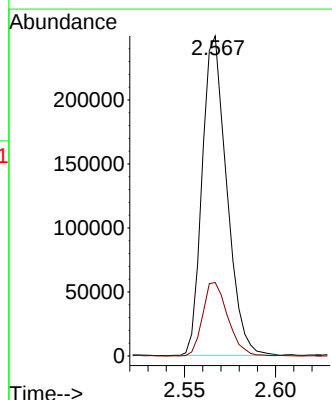
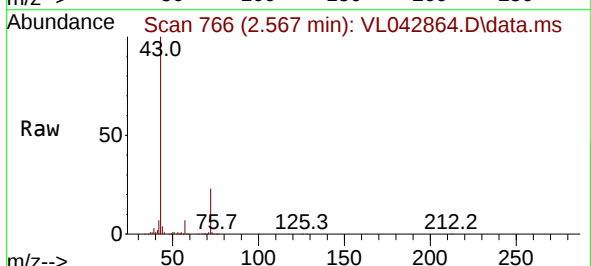
Acq: 13 Aug 2025 22:39

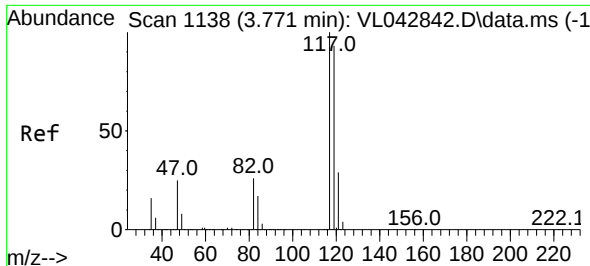
Tgt Ion: 43 Resp: 233937

Ion Ratio Lower Upper

43 100

72 23.7 18.6 28.0

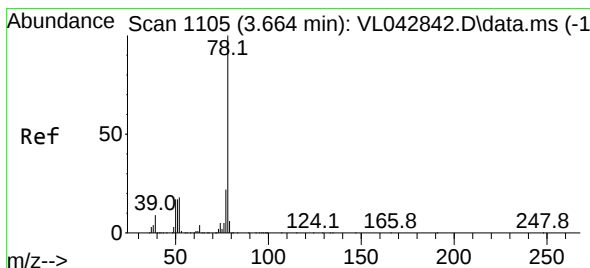
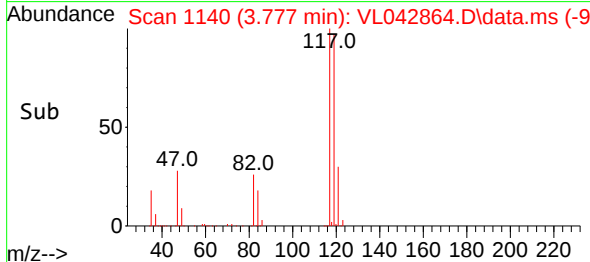
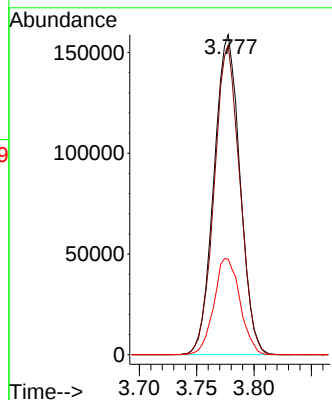
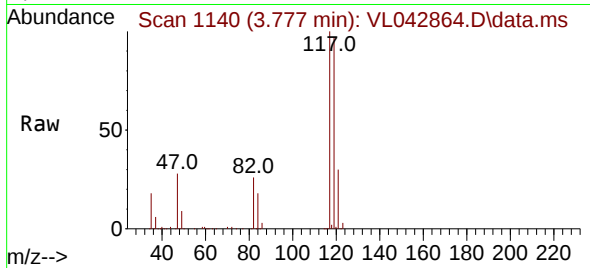




#35
Carbon Tetrachloride
Concen: 10.039 ppbv
RT: 3.777 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

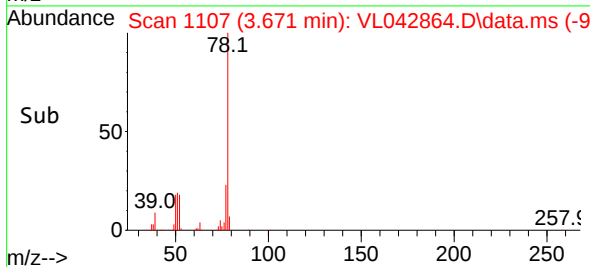
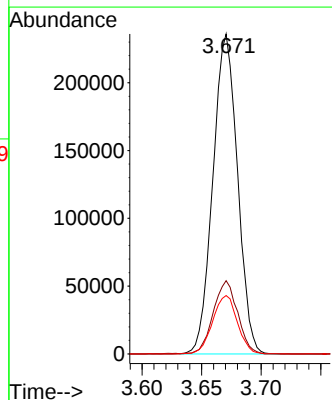
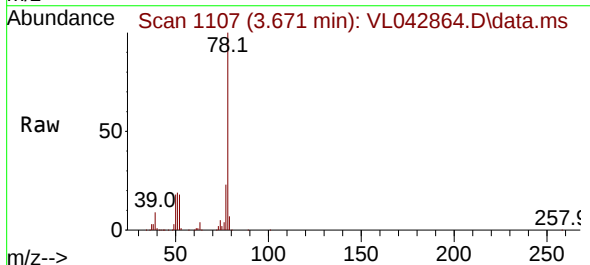
Instrument :
MSVOA_L
ClientSampleId :

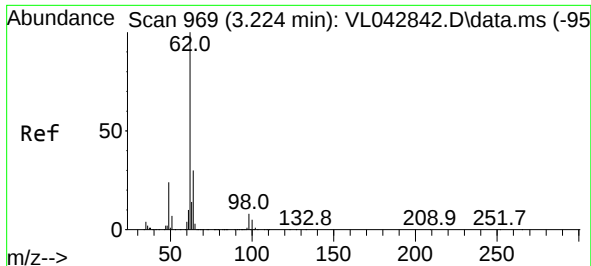
Tgt Ion:117 Resp: 250449
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
121 29.9 23.2 34.8



#36
Benzene
Concen: 9.778 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 78 Resp: 338836
Ion Ratio Lower Upper
78 100
77 22.8 17.7 26.5
50 18.3 13.9 20.9





#37

1,2-Dichloroethane

Concen: 10.865 ppbv

RT: 3.230 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

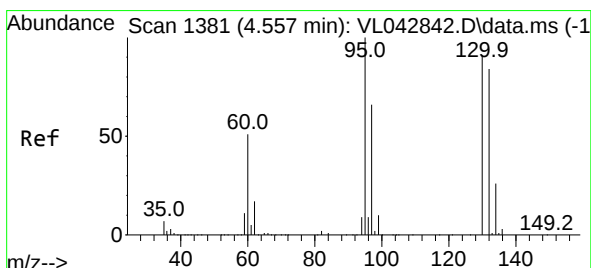
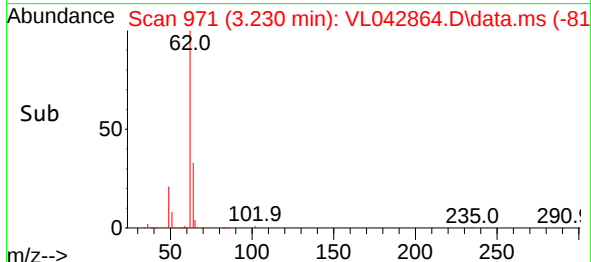
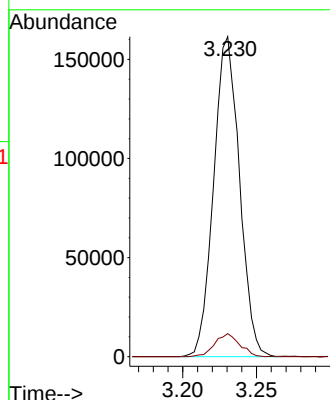
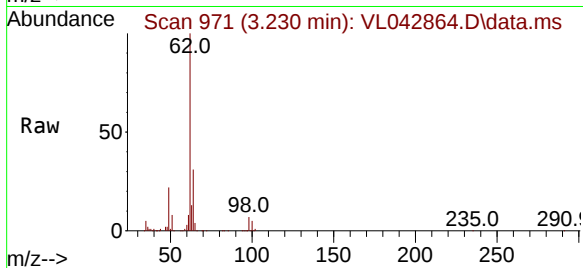
ClientSampleId :

Tgt Ion: 62 Resp: 196711

Ion Ratio Lower Upper

62 100

98 7.0 5.9 8.9



#38

Trichloroethene

Concen: 9.386 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Tgt Ion:130 Resp: 148543

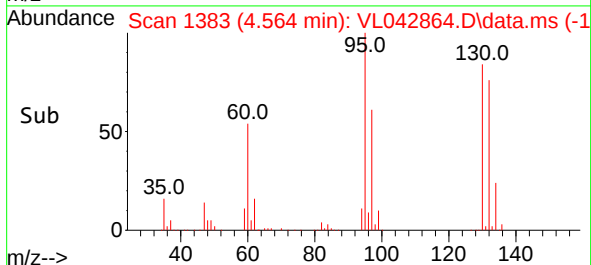
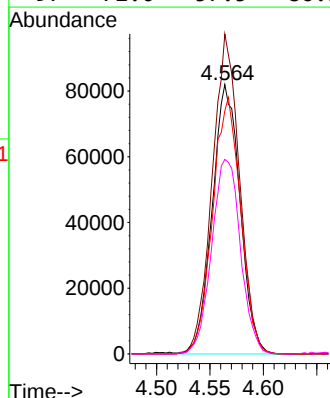
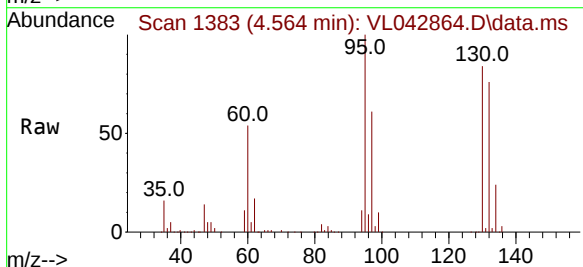
Ion Ratio Lower Upper

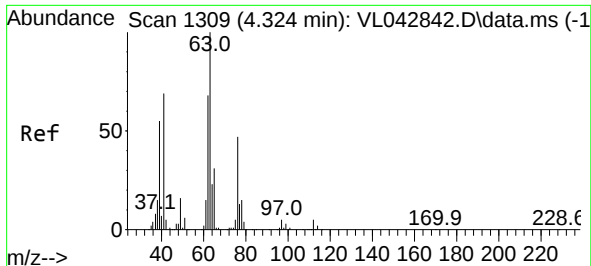
130 100

95 118.7 87.6 131.4

132 90.1 73.8 110.8

97 72.0 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.839 ppbv

RT: 4.328 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :

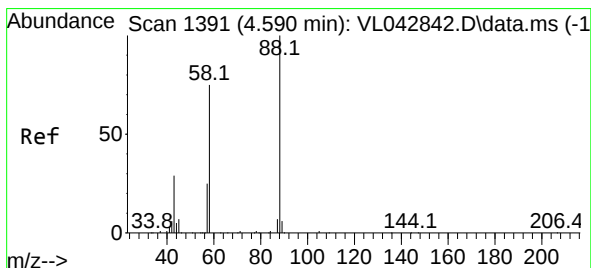
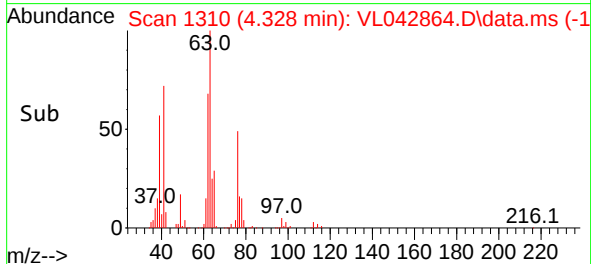
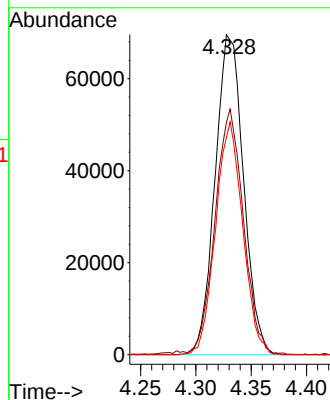
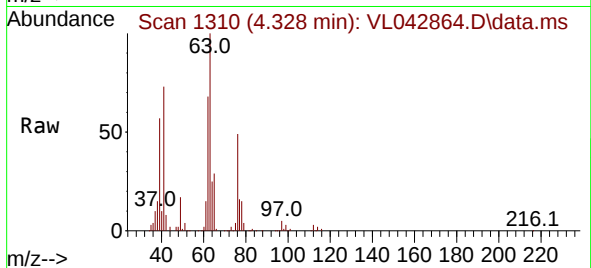
Tgt Ion: 63 Resp: 124520

Ion Ratio Lower Upper

63 100

41 72.1 55.0 82.4

62 67.8 54.4 81.6



#40

1,4-Dioxane

Concen: 8.795 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. 0.013 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Tgt Ion: 88 Resp: 52932

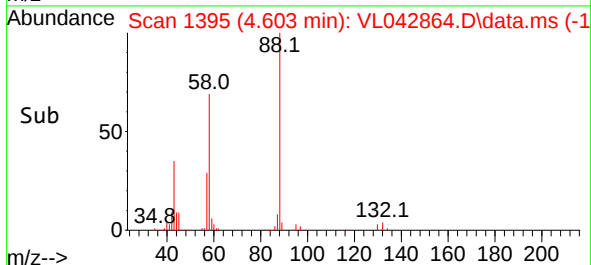
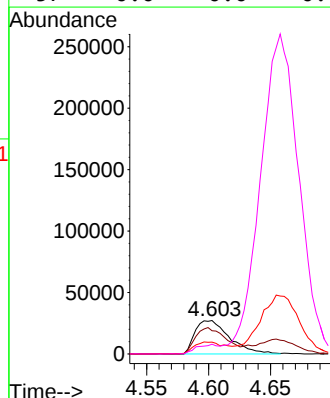
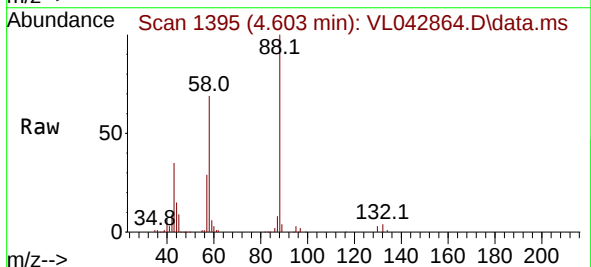
Ion Ratio Lower Upper

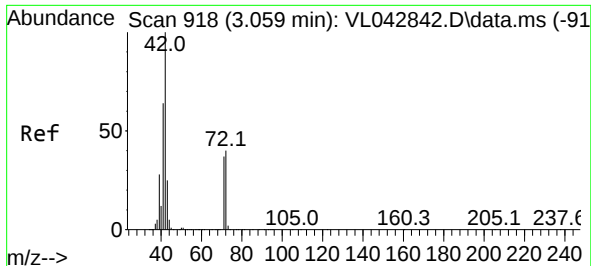
88 100

58 69.2 53.8 80.6

43 30.8 22.8 34.2

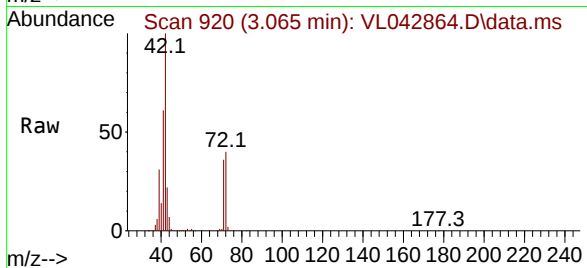
57 0.0 0.0 0.0



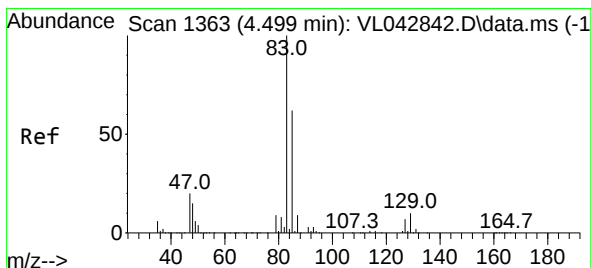
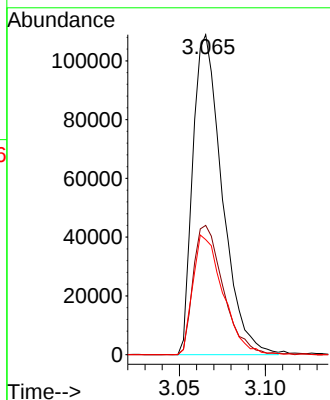
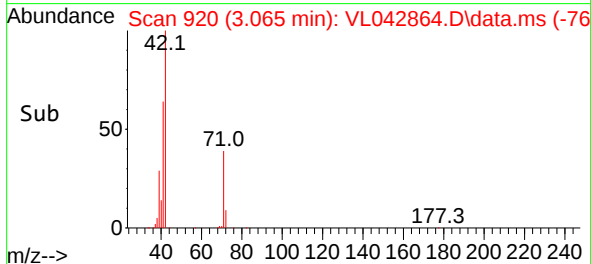


#41
Tetrahydrofuran
Concen: 9.493 ppbv
RT: 3.065 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

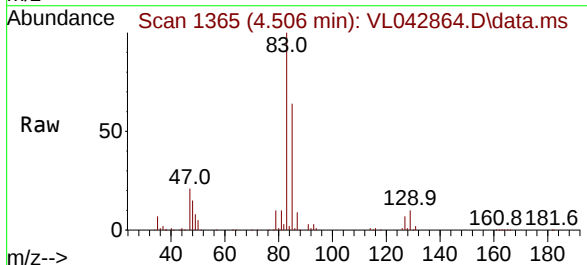
Instrument :
MSVOA_L
ClientSampleId :



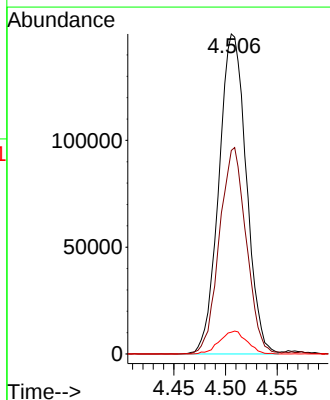
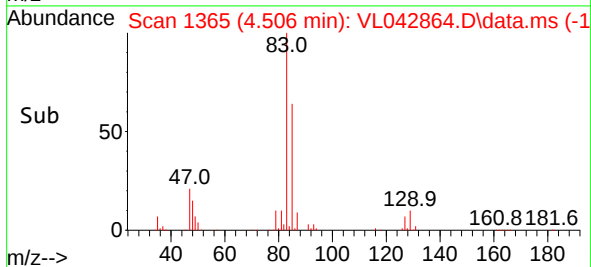
Tgt Ion: 42 Resp: 129335
Ion Ratio Lower Upper
42 100
72 41.5 32.6 48.8
71 38.4 30.0 45.0

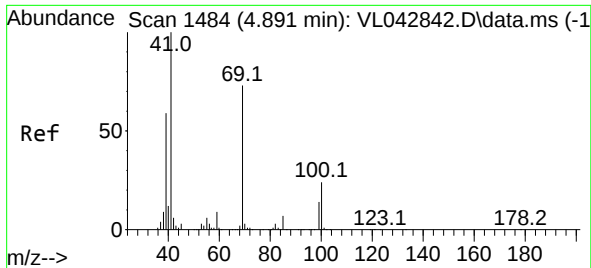


#42
Bromodichloromethane
Concen: 10.238 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39



Tgt Ion: 83 Resp: 276194
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.8
127 6.8 5.8 8.6

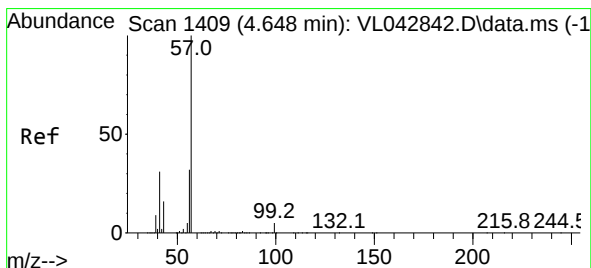
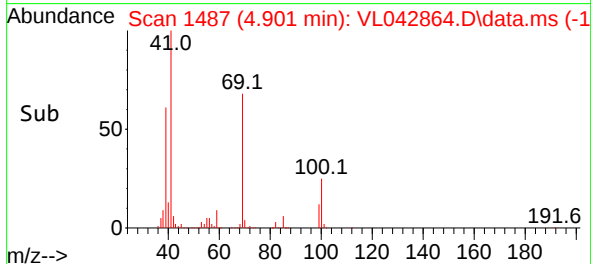
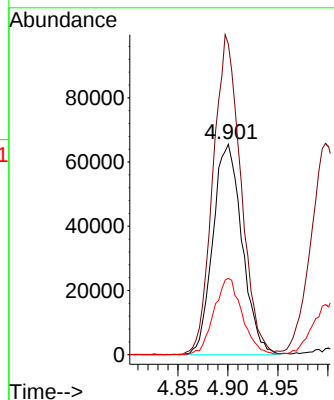
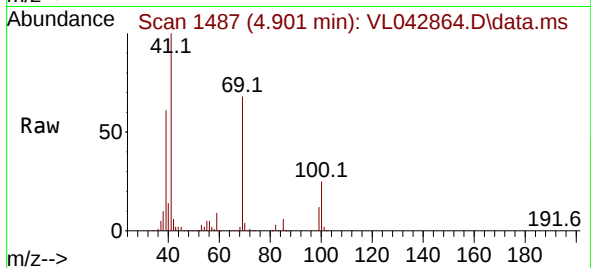




#43
Methyl Methacrylate
Concen: 9.330 ppbv
RT: 4.901 min Scan# 1412
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

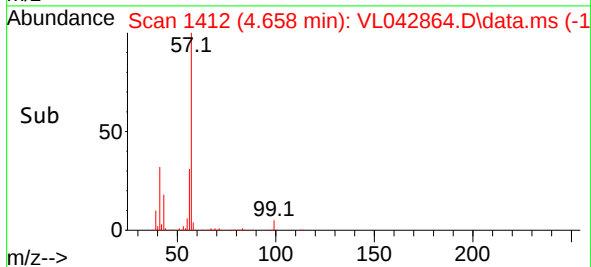
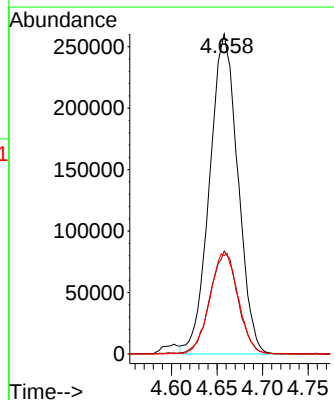
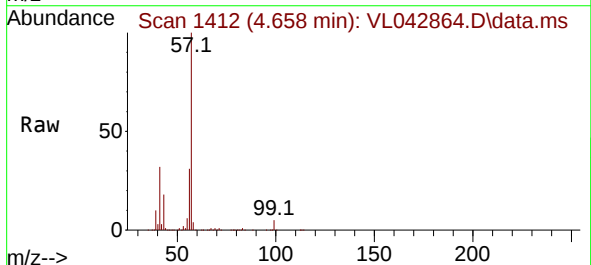
Instrument :
MSVOA_L
ClientSampleId :

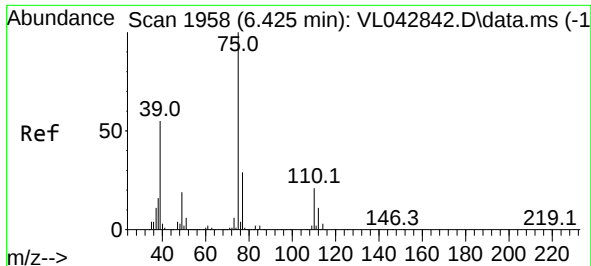
Tgt Ion: 69 Resp: 133193
Ion Ratio Lower Upper
69 100
41 144.6 114.6 172.0
100 34.9 30.2 45.4



#44
2,2,4-Trimethylpentane
Concen: 9.561 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 57 Resp: 562365
Ion Ratio Lower Upper
57 100
41 32.1 24.8 37.2
56 31.8 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.411 ppbv

RT: 6.438 min Scan# 1958

Delta R.T. 0.013 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

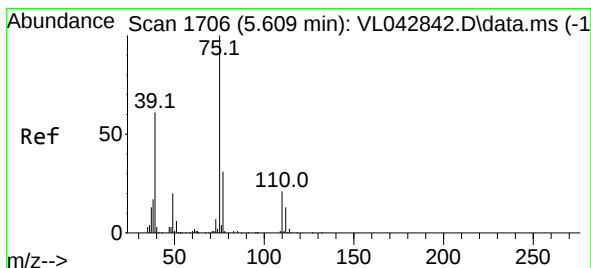
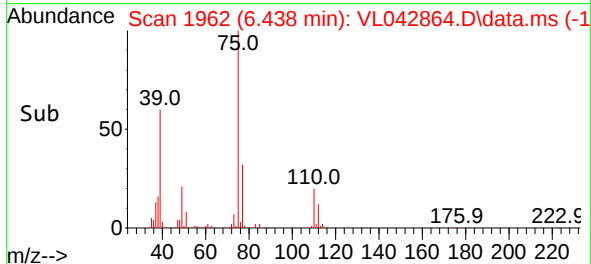
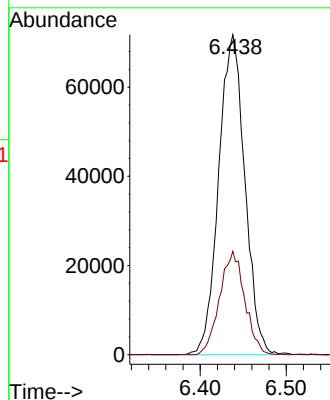
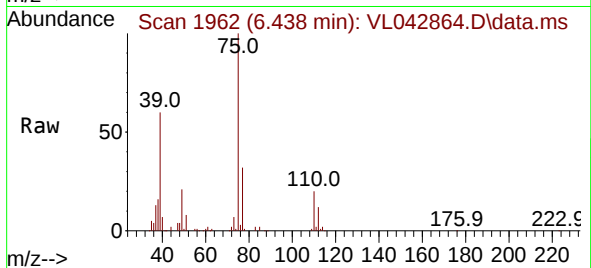
ClientSampleId :

Tgt Ion: 75 Resp: 151624

Ion Ratio Lower Upper

75 100

77 32.3 23.8 35.6



#46

cis-1,3-Dichloropropene

Concen: 9.697 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. 0.013 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

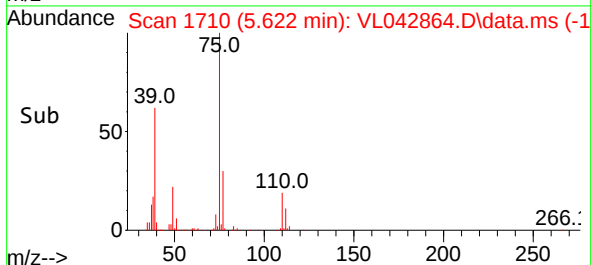
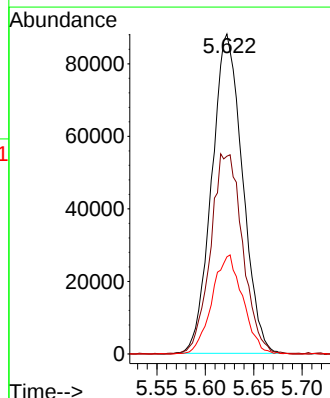
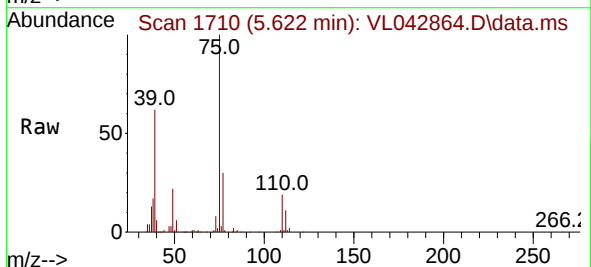
Tgt Ion: 75 Resp: 194664

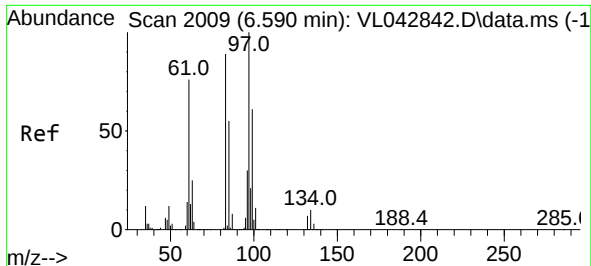
Ion Ratio Lower Upper

75 100

39 61.6 48.9 73.3

77 30.3 24.9 37.3

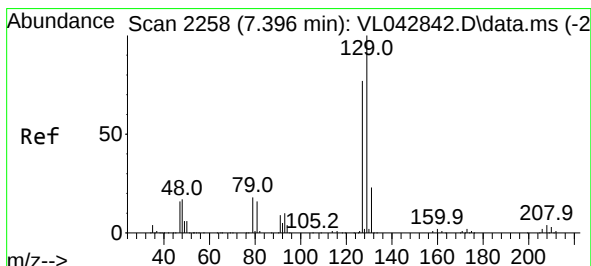
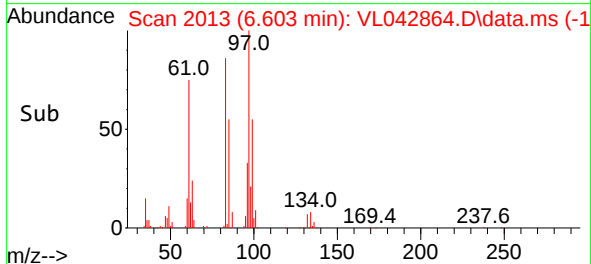
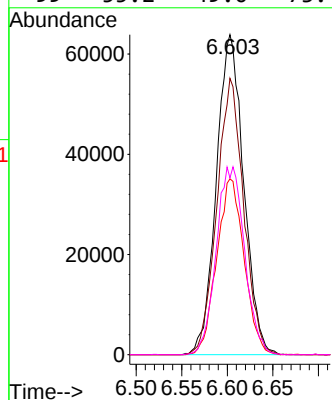
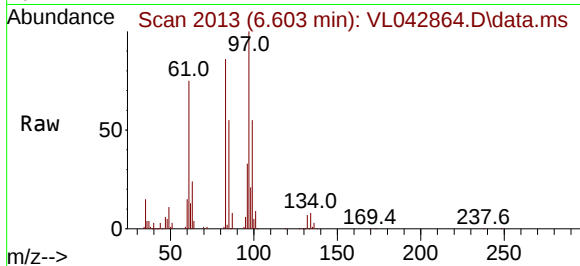




#47
1,1,2-Trichloroethane
Concen: 9.926 ppbv
RT: 6.603 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

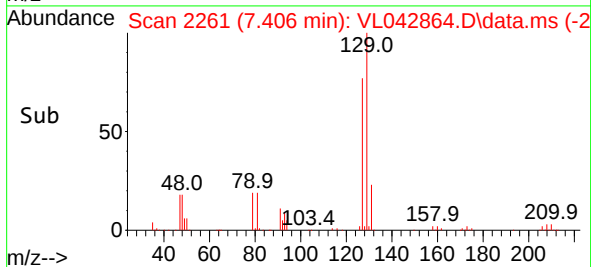
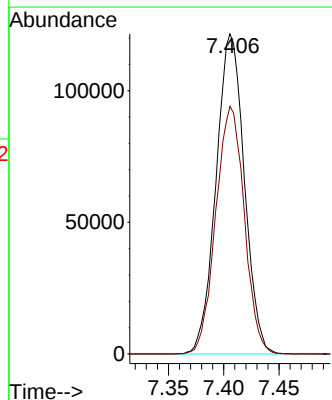
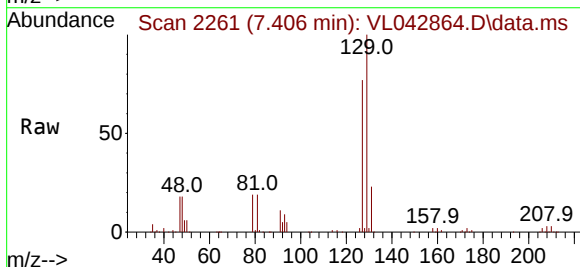
Instrument :
MSVOA_L
ClientSampleId :

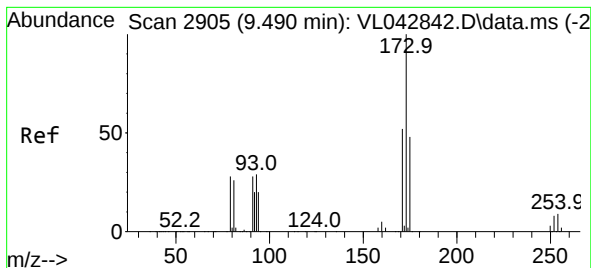
Tgt Ion: 97 Resp: 133102
Ion Ratio Lower Upper
97 100
83 86.3 71.0 106.4
85 54.9 43.6 65.4
99 55.2 49.0 73.4



#48
Dibromochloromethane
Concen: 9.955 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 129 Resp: 216018
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2





#49

Bromoform

Concen: 9.632 ppbv

RT: 9.500 min Scan# 2905

Delta R.T. 0.010 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

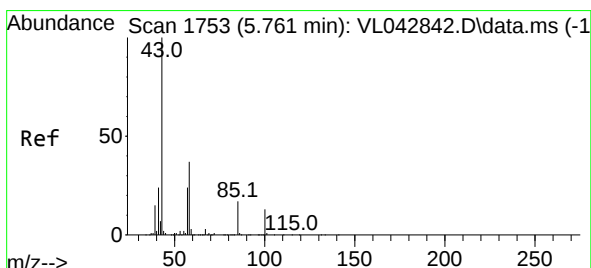
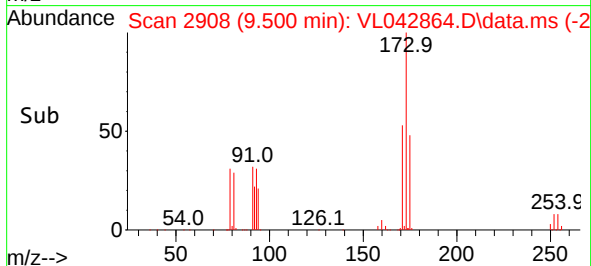
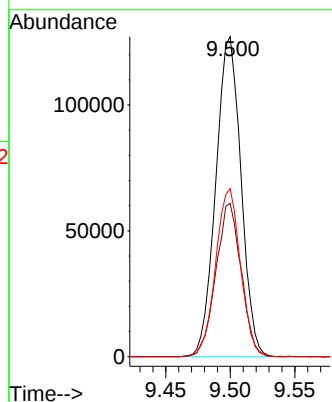
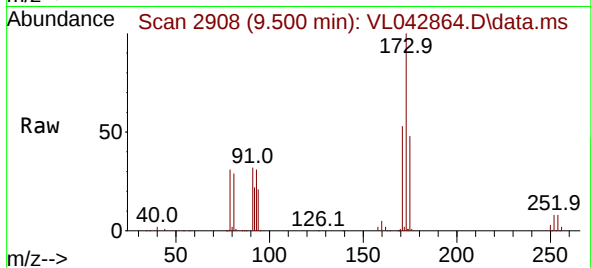
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173 Resp: 172366

Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.2	58.8
171	51.8	41.3	61.9



#50

4-Methyl-2-Pentanone

Concen: 9.637 ppbv

RT: 5.774 min Scan# 1757

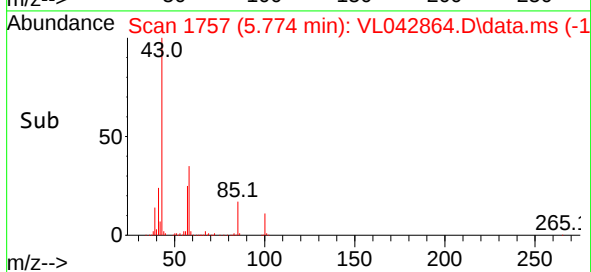
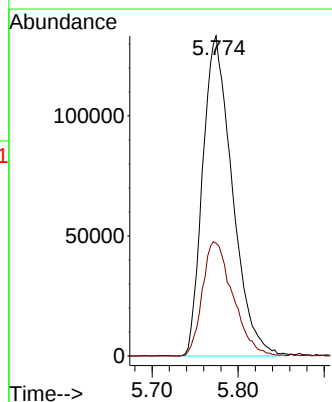
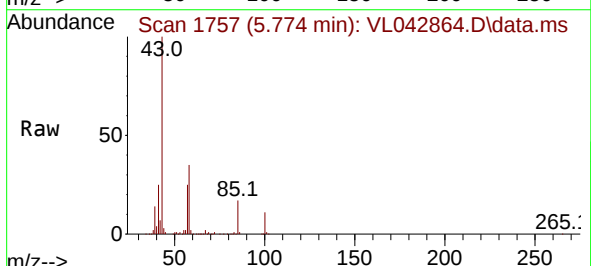
Delta R.T. 0.013 min

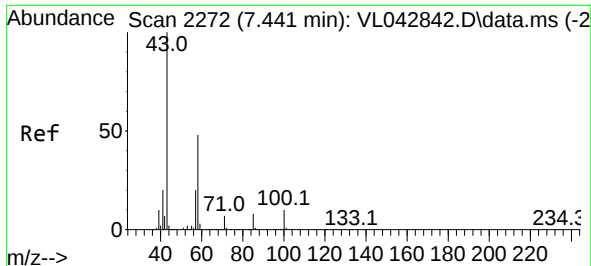
Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Tgt Ion: 43 Resp: 318294

Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.8	44.8

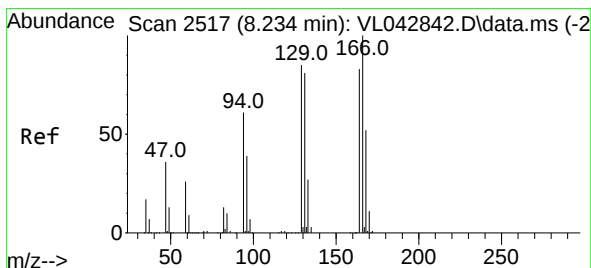
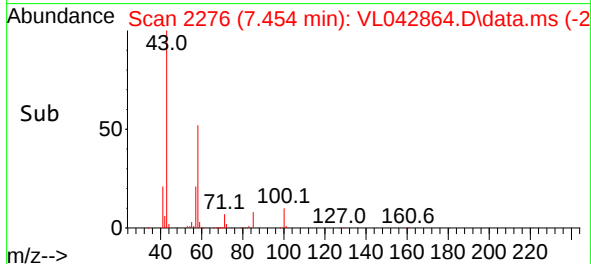
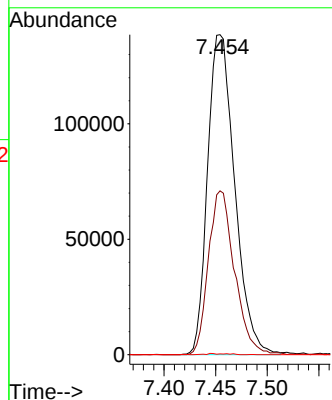
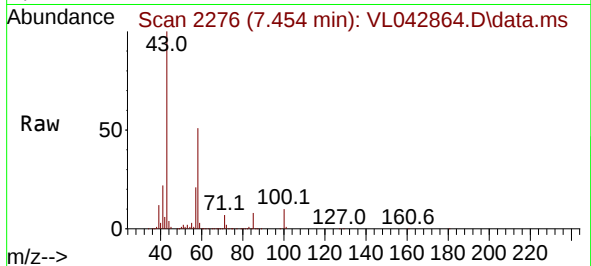




#51
2-Hexanone
Concen: 9.754 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

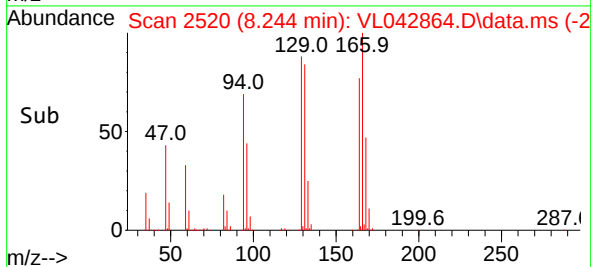
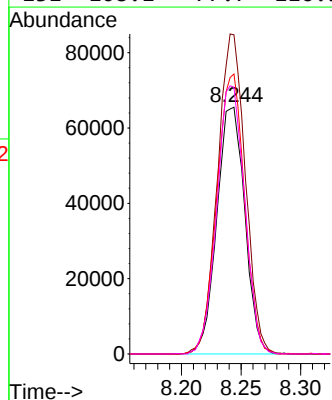
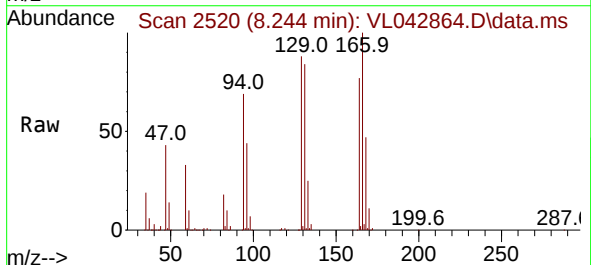
Instrument :
MSVOA_L
ClientSampleId :

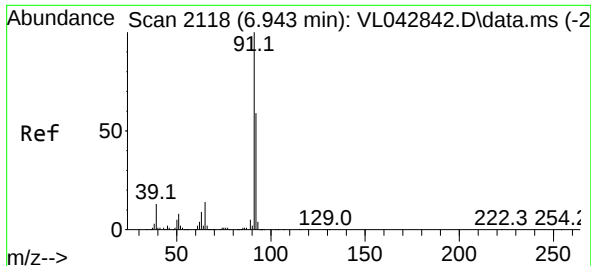
Tgt Ion: 43 Resp: 253519
Ion Ratio Lower Upper
43 100
58 49.4 41.0 61.6
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.514 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 164 Resp: 106738
Ion Ratio Lower Upper
164 100
166 129.4 96.5 144.7
129 113.5 81.8 122.6
131 108.1 77.7 116.5

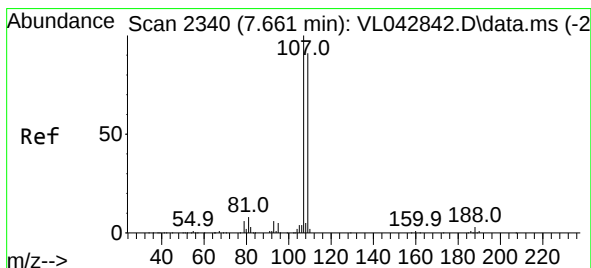
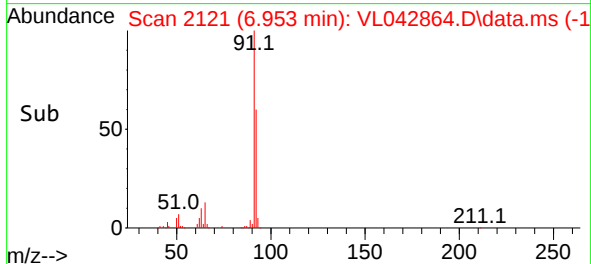
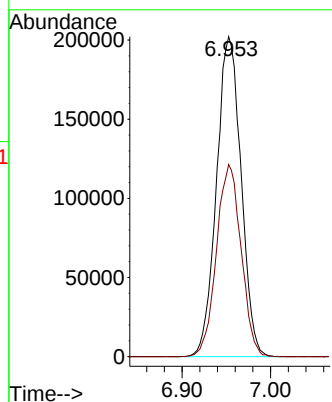
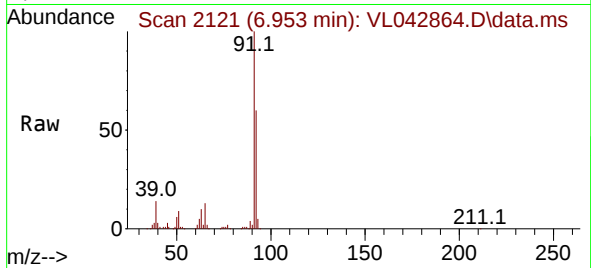




#53
Toluene
Concen: 9.468 ppbv
RT: 6.953 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

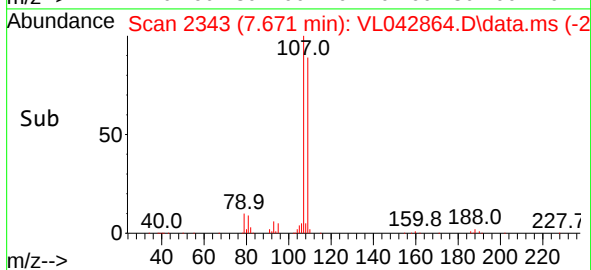
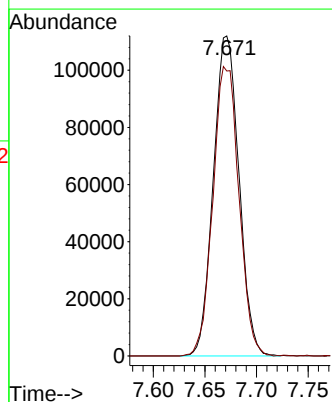
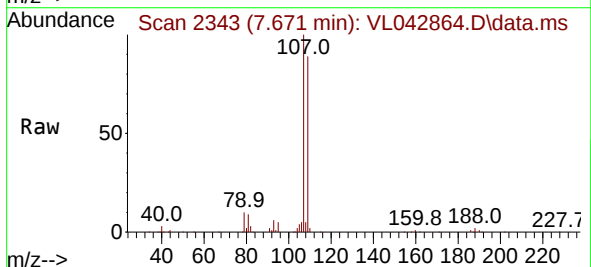
Instrument :
MSVOA_L
ClientSampleId :

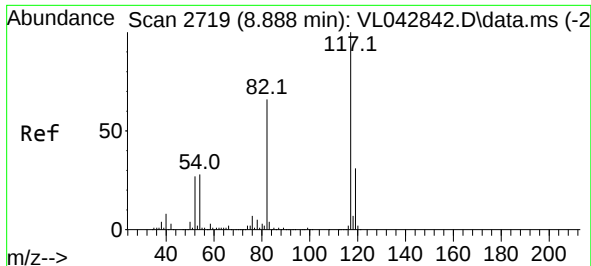
Tgt Ion: 91 Resp: 390060
Ion Ratio Lower Upper
91 100
92 60.2 47.8 71.6



#54
1,2-Dibromoethane
Concen: 9.860 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

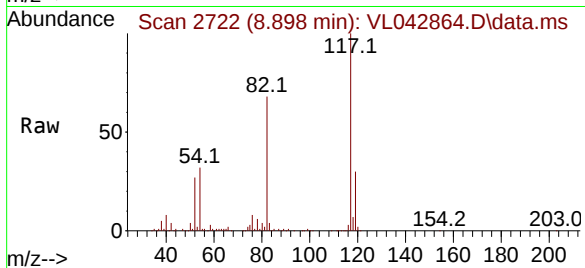
Tgt Ion: 107 Resp: 193235
Ion Ratio Lower Upper
107 100
109 89.0 72.5 108.7



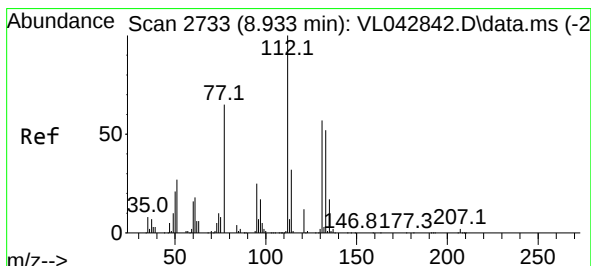
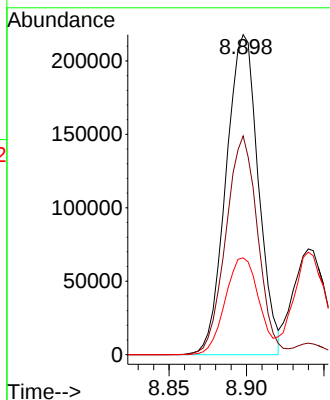
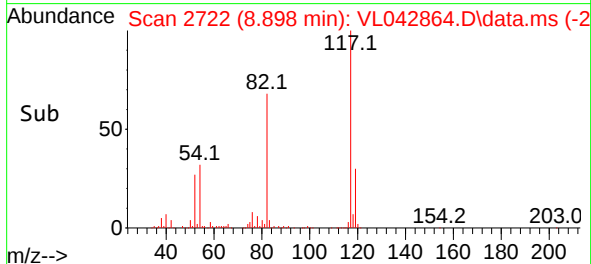


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2719
Delta R.T. 0.010 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Instrument :
MSVOA_L
ClientSampleId :

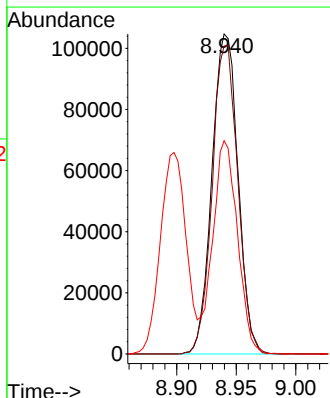
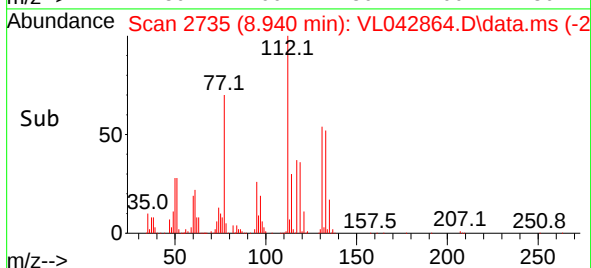
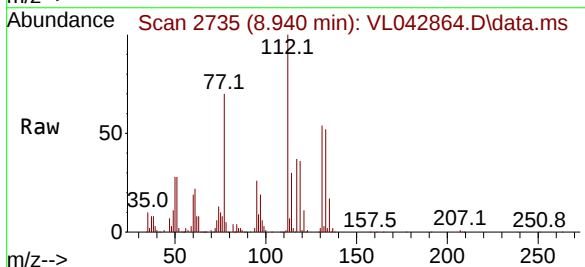


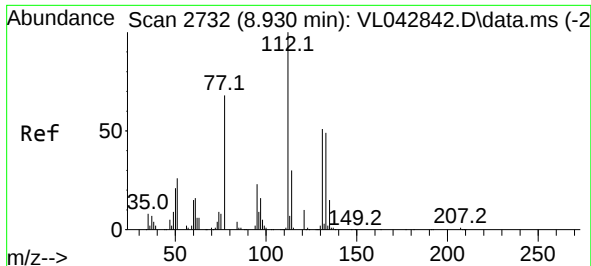
Tgt Ion:117 Resp: 316740
Ion Ratio Lower Upper
117 100
82 70.6 54.6 81.8
119 33.1 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 9.702 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion:131 Resp: 158906
Ion Ratio Lower Upper
131 100
133 95.2 77.4 116.0
119 63.8 51.2 76.8

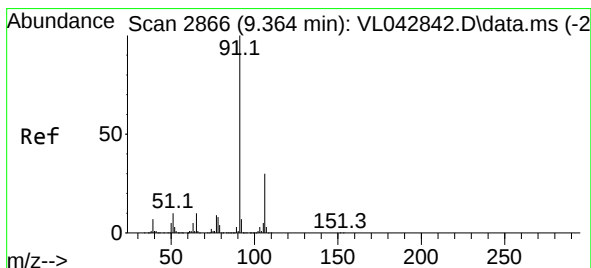
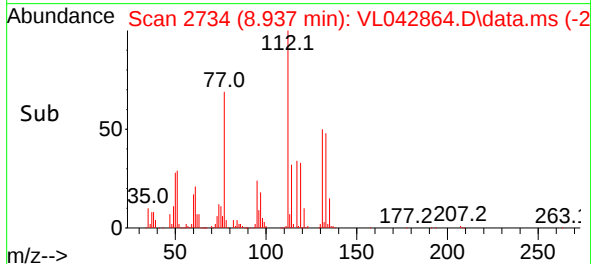
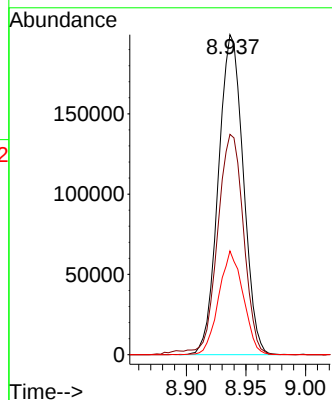
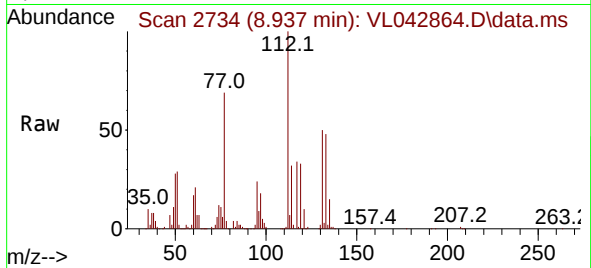




#57
Chlorobenzene
Concen: 9.634 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

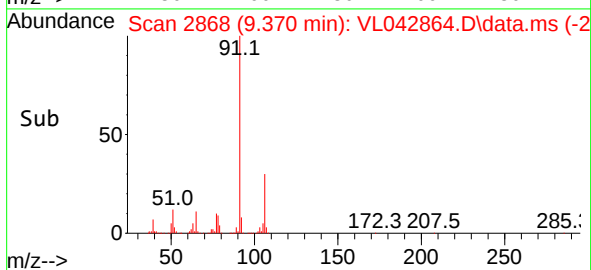
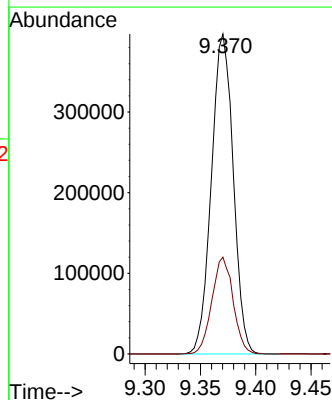
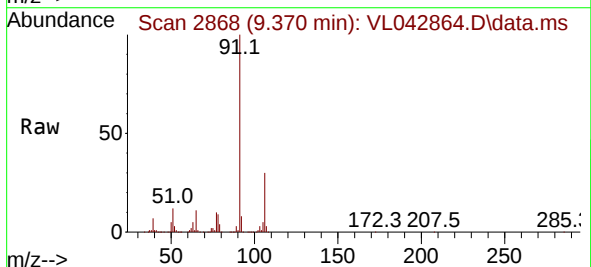
Instrument :
MSVOA_L
ClientSampleId :

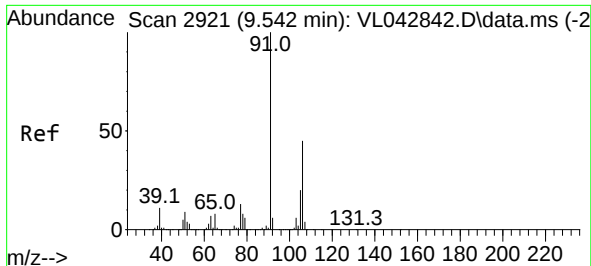
Tgt Ion:112 Resp: 290153
Ion Ratio Lower Upper
112 100
77 68.8 55.5 83.3
114 32.4 27.2 33.2



#58
Ethyl Benzene
Concen: 9.743 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 91 Resp: 544607
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9





#59

m/p-Xylene

Concen: 9.733 ppbv

RT: 9.548 min Scan# 2921

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

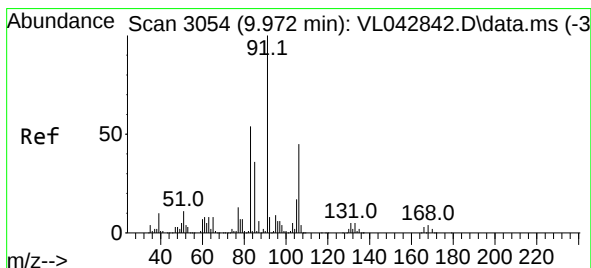
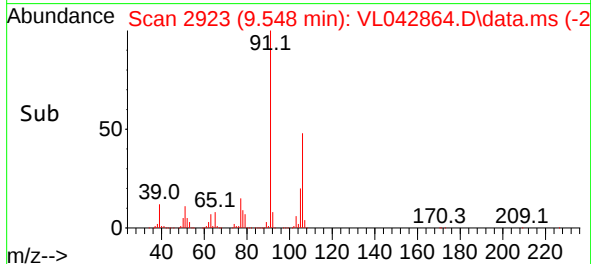
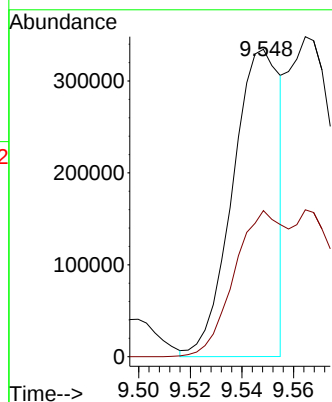
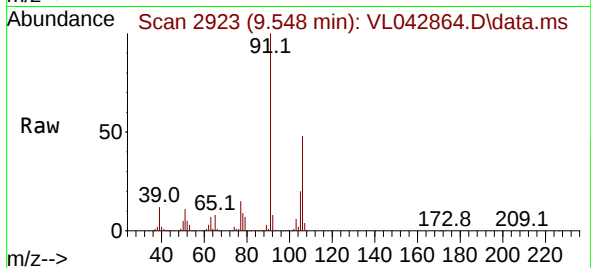
ClientSampleId :

Tgt Ion: 91 Resp: 426439

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 9.847 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.006 min

Lab File: VL042864.D

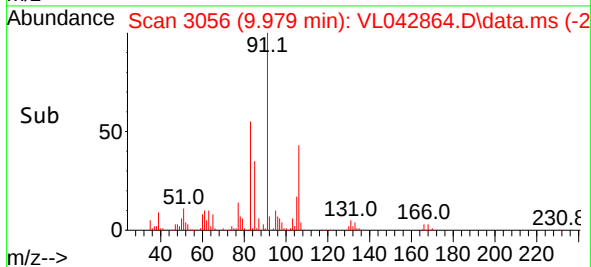
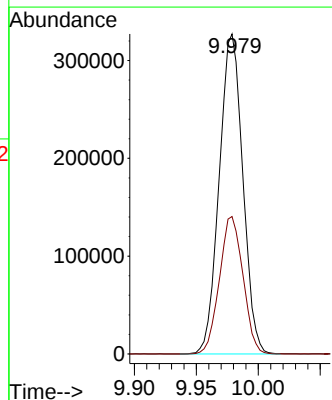
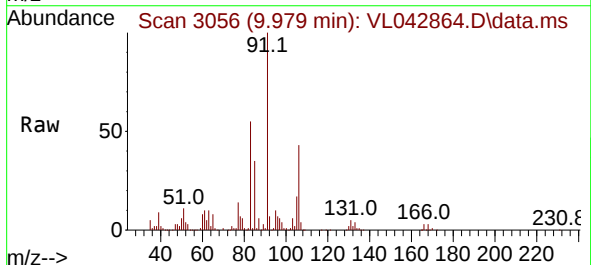
Acq: 13 Aug 2025 22:39

Tgt Ion: 91 Resp: 433977

Ion Ratio Lower Upper

91 100

106 42.8 21.8 65.4

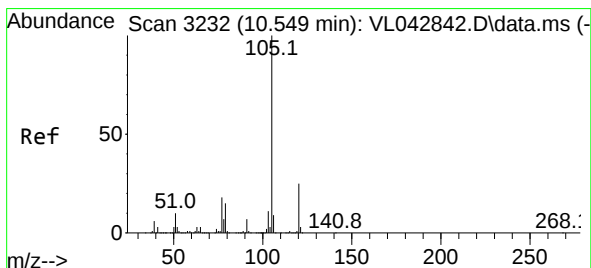
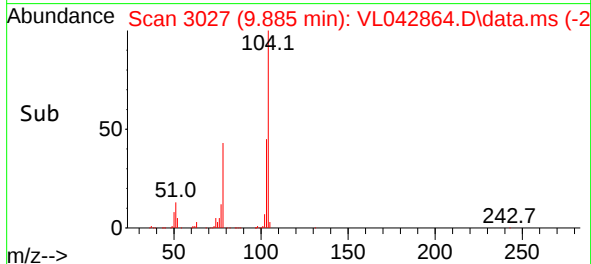
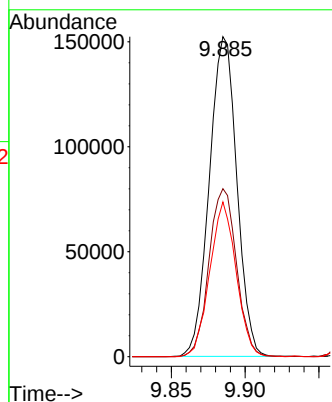
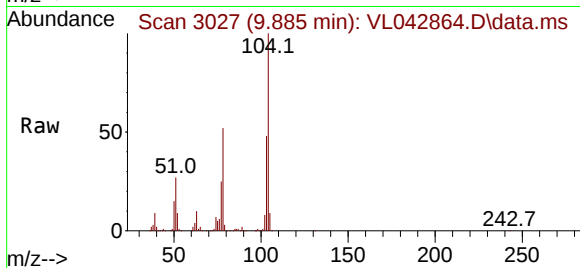




#61
Styrene
Concen: 9.558 ppbv
RT: 9.885 min Scan# 3025
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

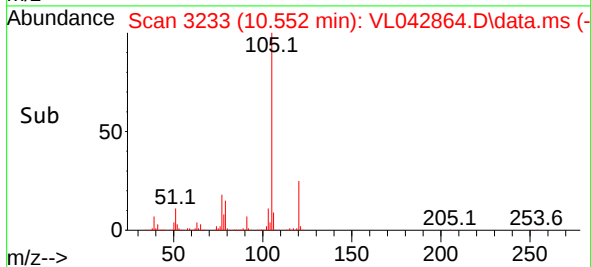
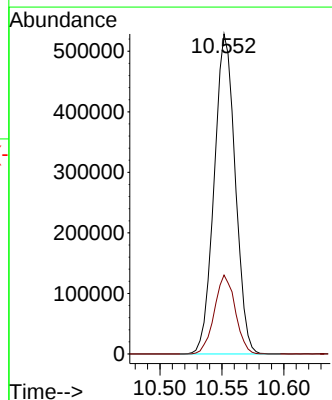
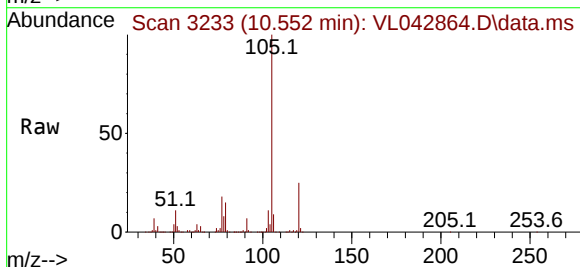
Instrument :
MSVOA_L
ClientSampleId :

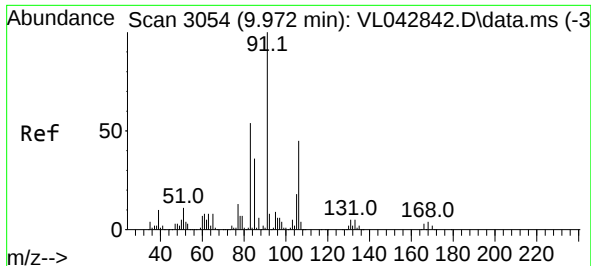
Tgt Ion:104 Resp: 197351
Ion Ratio Lower Upper
104 100
78 52.7 40.6 61.0
103 46.5 37.7 56.5



#62
Isopropylbenzene
Concen: 9.715 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion:105 Resp: 625694
Ion Ratio Lower Upper
105 100
120 24.4 20.6 30.8

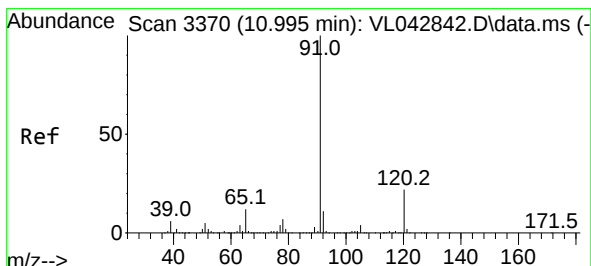
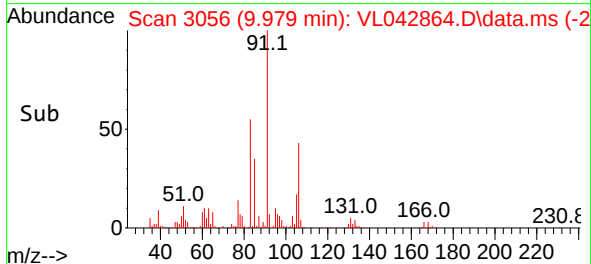
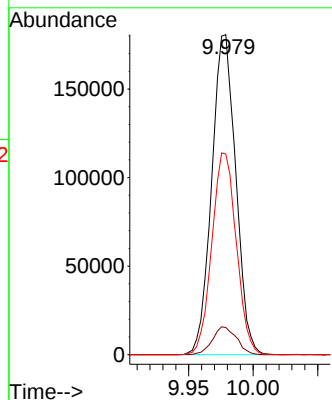
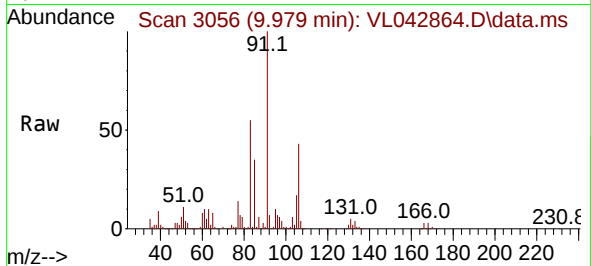




#63
1,1,2,2-Tetrachloroethane
Concen: 9.684 ppbv
RT: 9.979 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

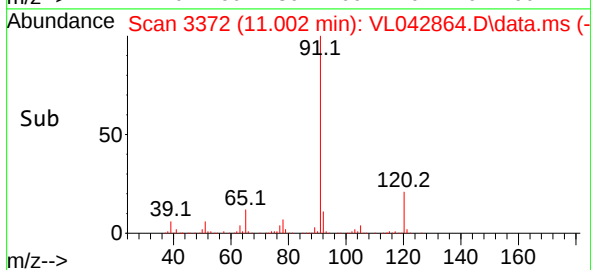
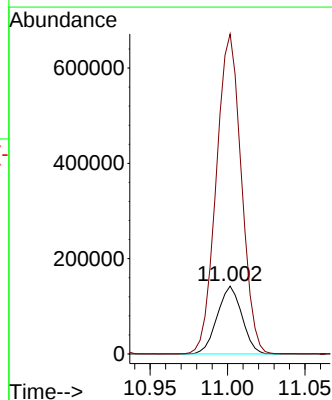
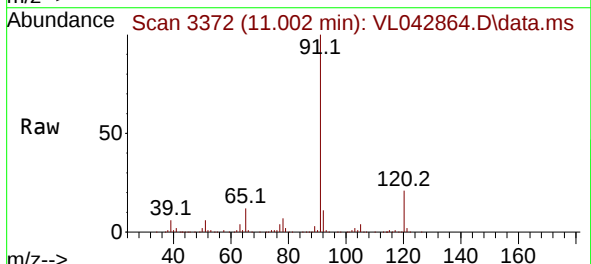
Instrument :
MSVOA_L
ClientSampleId :

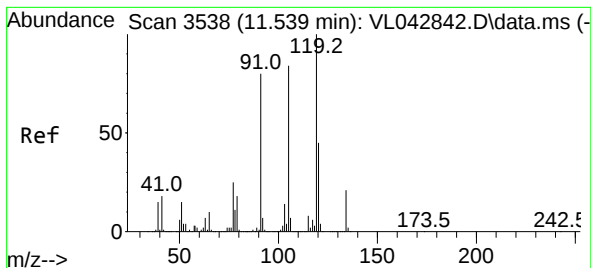
Tgt Ion: 83 Resp: 234700
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 64.0 32.3 96.8



#64
n-propylbenzene
Concen: 9.578 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion:120 Resp: 157395
Ion Ratio Lower Upper
120 100
91 481.5 375.8 563.6

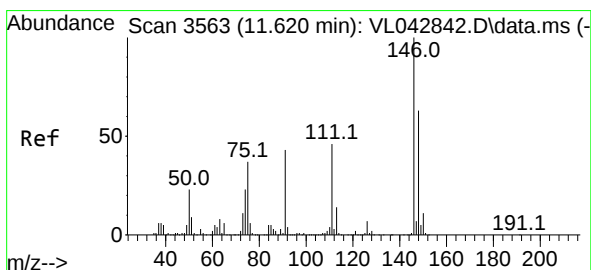
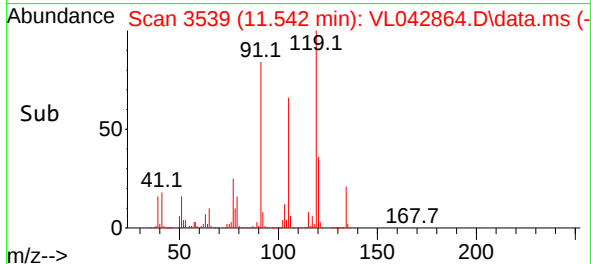
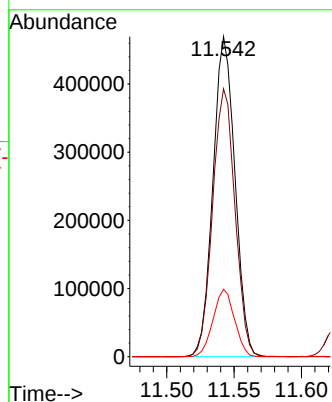
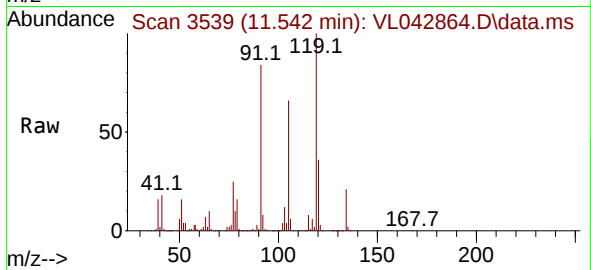




#65
tert-Butylbenzene
Concen: 9.388 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

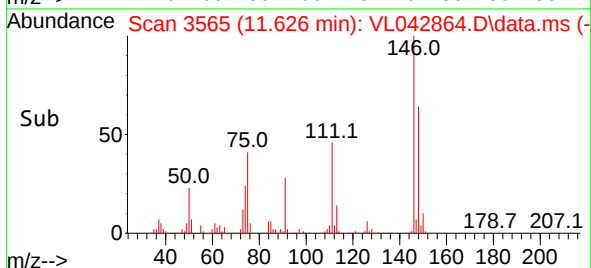
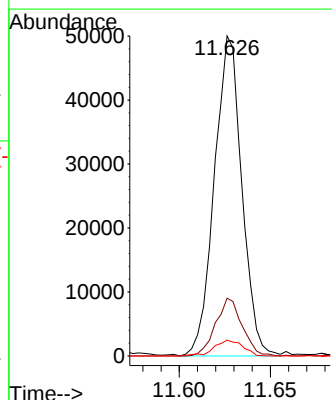
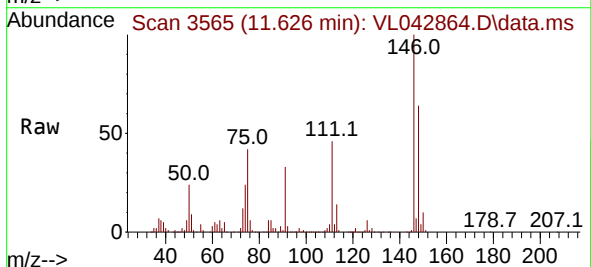
Instrument :
MSVOA_L
ClientSampleId :

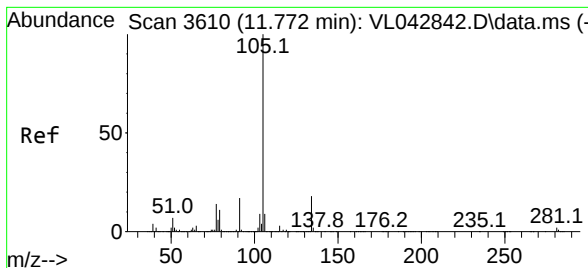
Tgt Ion:119 Resp: 533032
Ion Ratio Lower Upper
119 100
91 85.2 63.9 95.9
134 20.5 17.0 25.4



#66
Benzyl Chloride
Concen: 7.283 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 91 Resp: 52495
Ion Ratio Lower Upper
91 100
126 17.4 14.2 21.4
128 5.2 5.0 7.6

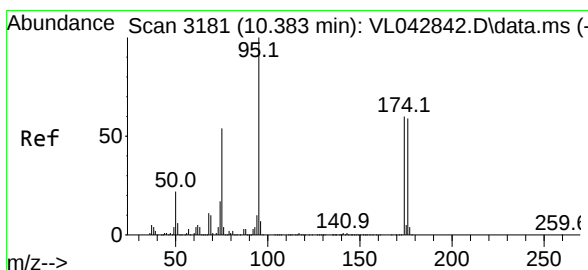
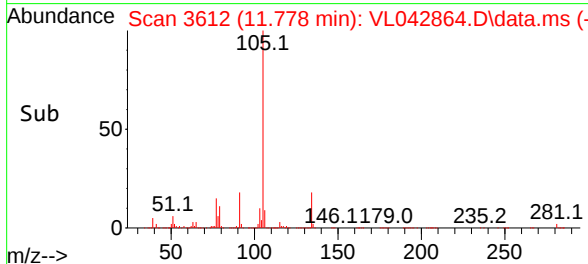
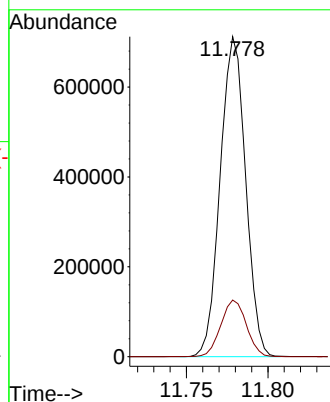
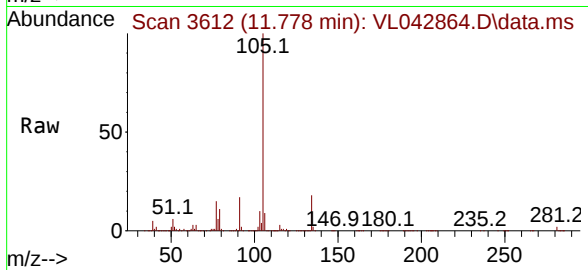




#67
 sec-Butylbenzene
 Concen: 9.683 ppbv
 RT: 11.778 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

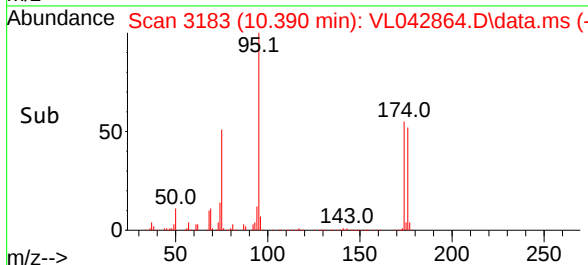
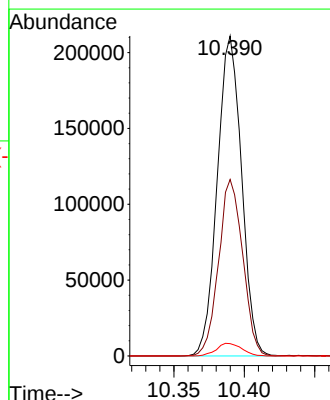
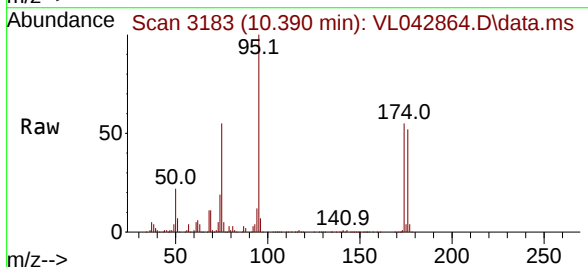
Instrument :
 MSVOA_L
 ClientSampleId :

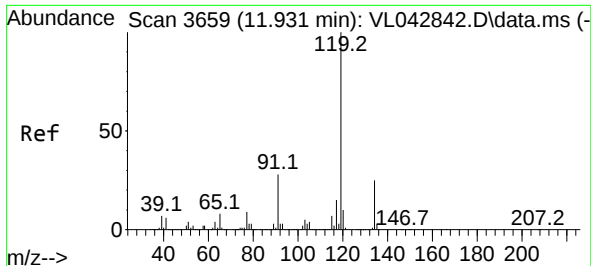
Tgt Ion:105 Resp: 771711
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.651 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.006 min
 Lab File: VL042864.D
 Acq: 13 Aug 2025 22:39

Tgt Ion: 95 Resp: 253011
 Ion Ratio Lower Upper
 95 100
 174 54.7 48.4 72.6
 175 4.1 3.8 5.8

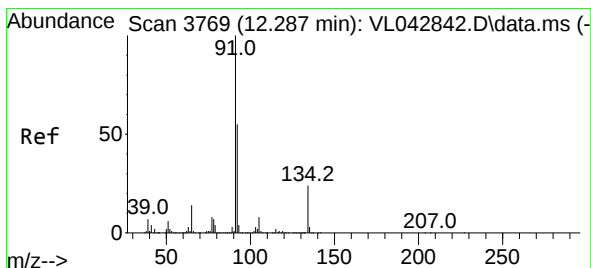
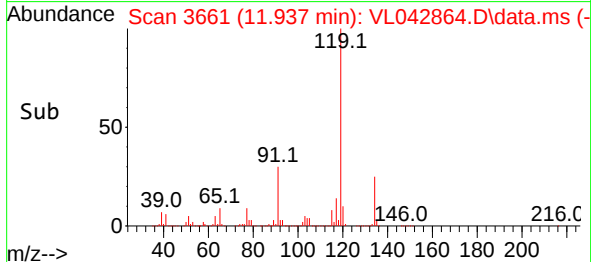
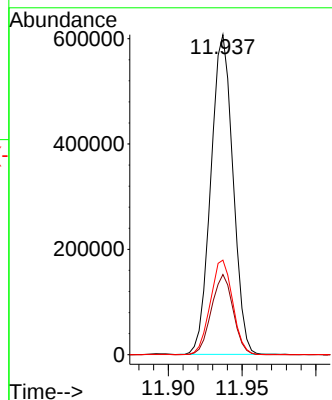
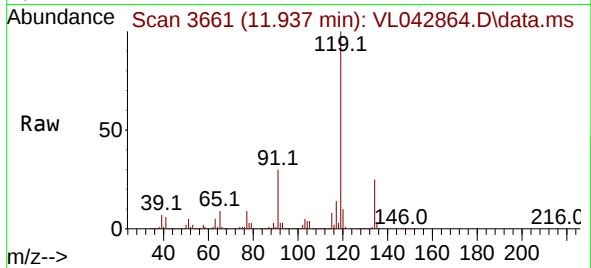




#69
p-Isopropyltoluene
Concen: 9.255 ppbv
RT: 11.937 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

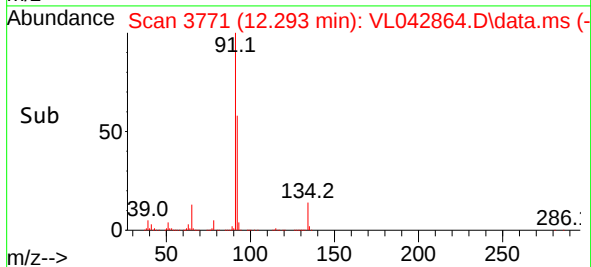
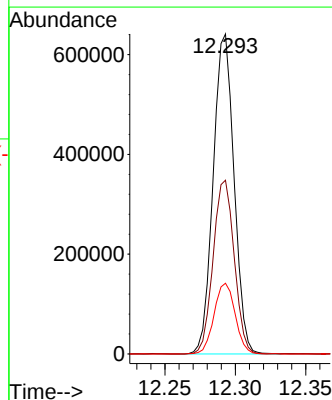
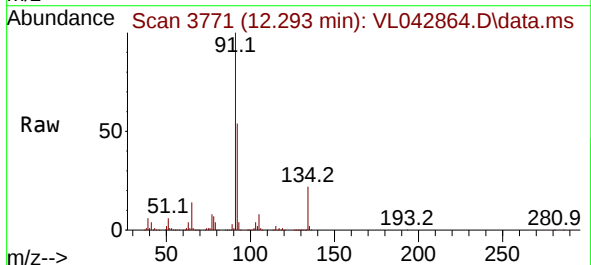
Instrument :
MSVOA_L
ClientSampleId :

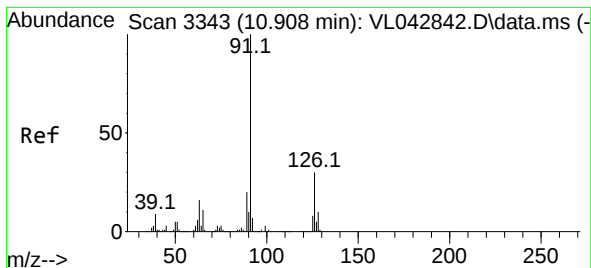
Tgt Ion:119 Resp: 633258
Ion Ratio Lower Upper
119 100
134 24.7 20.6 30.8
91 30.0 22.6 34.0



#70
n-Butylbenzene
Concen: 9.745 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion: 91 Resp: 661296
Ion Ratio Lower Upper
91 100
92 55.0 44.6 66.8
134 22.4 19.0 28.4

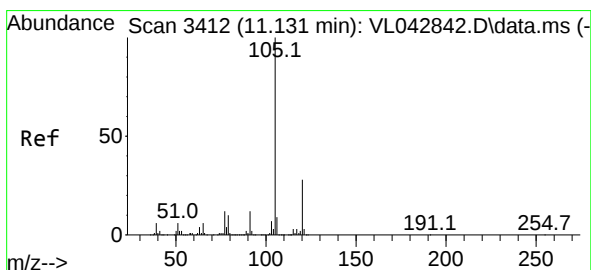
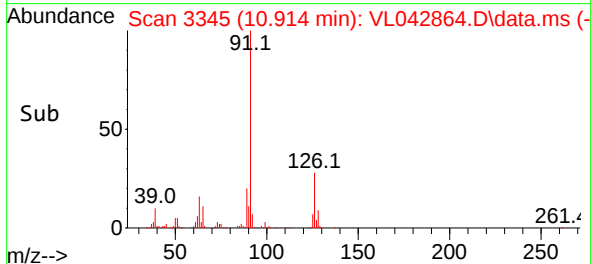
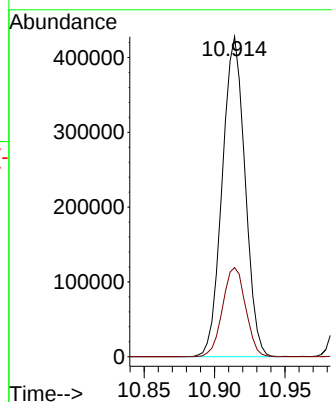
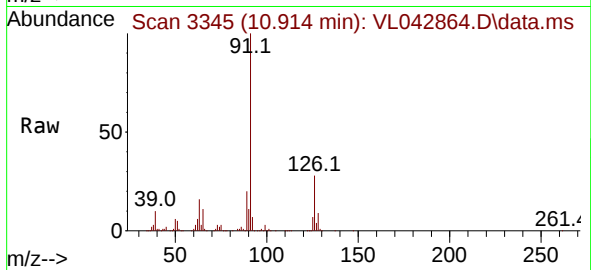




#71
2-Chlorotoluene
Concen: 9.624 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

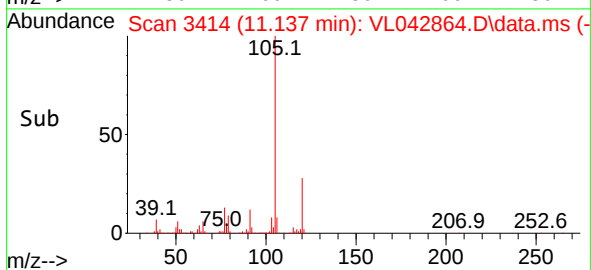
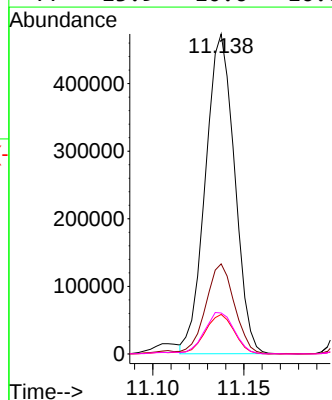
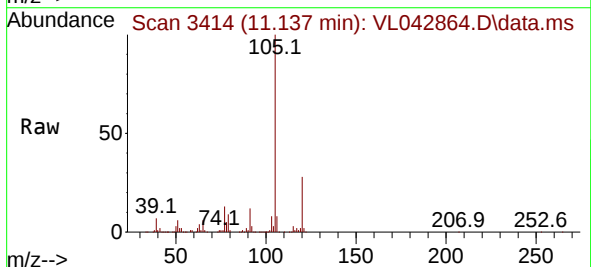
Instrument :
MSVOA_L
ClientSampleId :

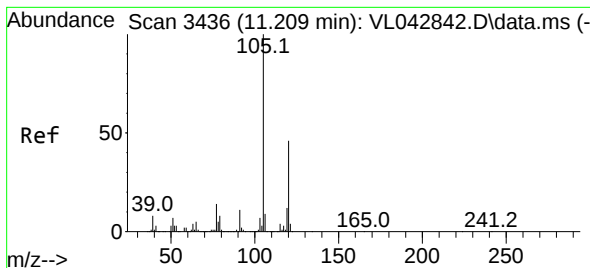
Tgt Ion: 91 Resp: 481312
Ion Ratio Lower Upper
91 100
126 28.1 12.0 47.8



#72
4-Ethyltoluene
Concen: 9.815 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion:105 Resp: 524389
Ion Ratio Lower Upper
105 100
120 28.7 23.4 35.2
91 13.0 9.8 14.6
77 13.9 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.563 ppbv

RT: 11.215 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

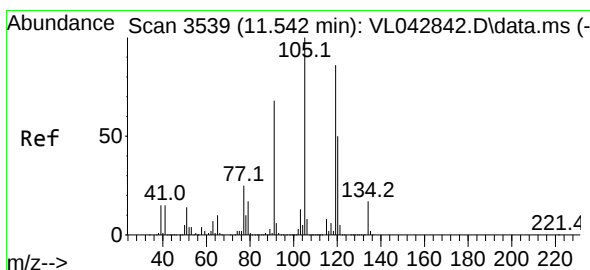
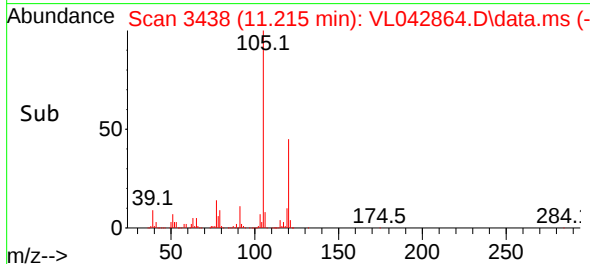
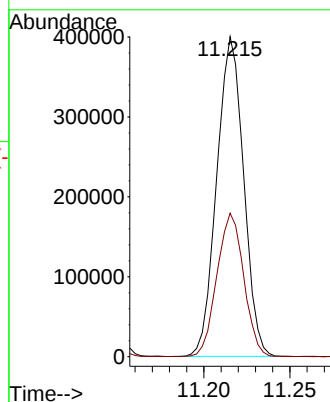
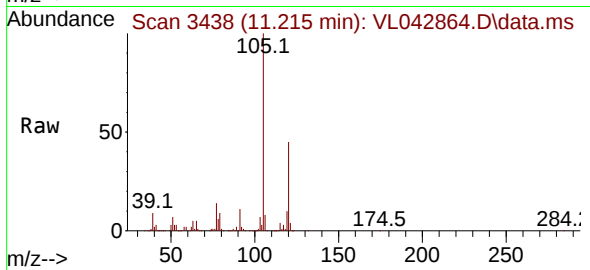
ClientSampleId :

Tgt Ion:105 Resp: 434476

Ion Ratio Lower Upper

105 100

120 44.8 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 9.671 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Tgt Ion:105 Resp: 482283

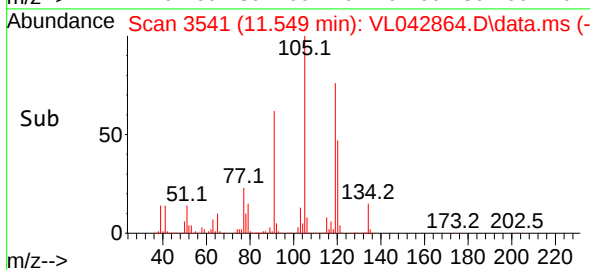
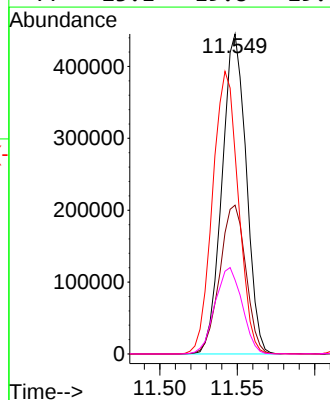
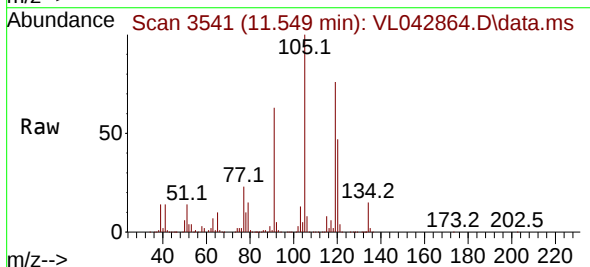
Ion Ratio Lower Upper

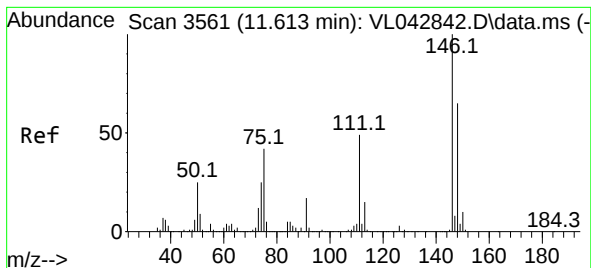
105 100

120 46.5 39.8 59.6

91 62.6 54.2 81.4

77 23.1 19.8 29.6





#75

1,3-Dichlorobenzene

Concen: 9.554 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :

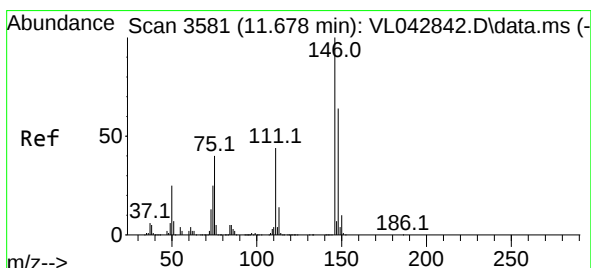
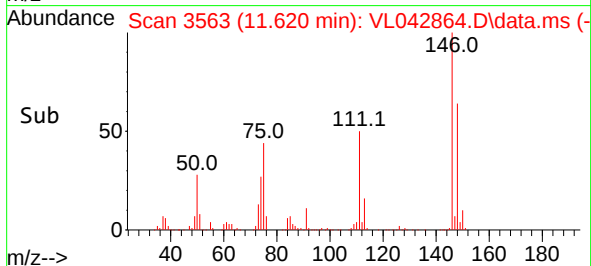
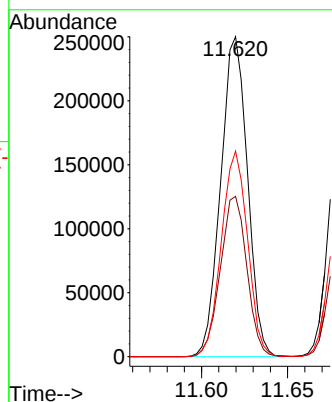
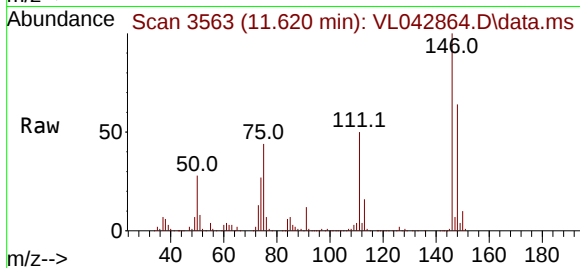
Tgt Ion:146 Resp: 270838

Ion Ratio Lower Upper

146 100

111 49.6 23.9 71.7

148 63.0 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 9.339 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. 0.003 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

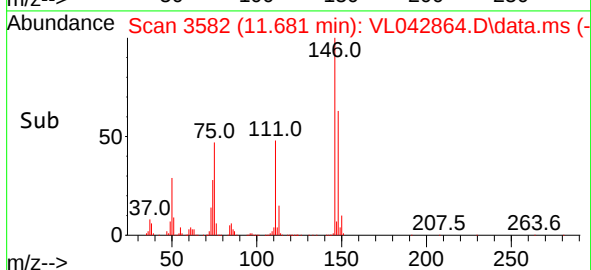
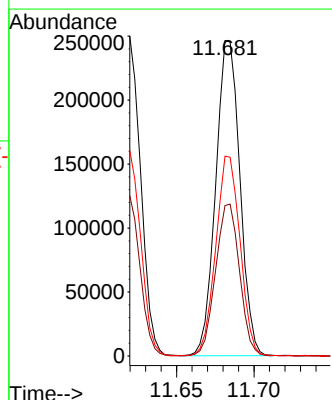
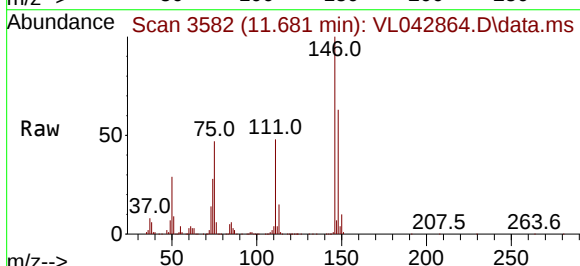
Tgt Ion:146 Resp: 267746

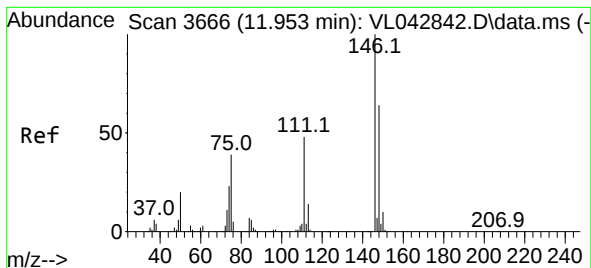
Ion Ratio Lower Upper

146 100

111 47.8 22.7 68.1

148 63.7 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 9.288 ppbv

RT: 11.960 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :

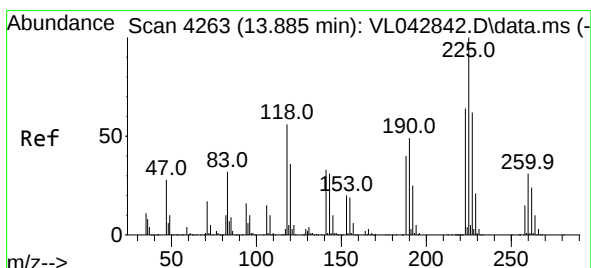
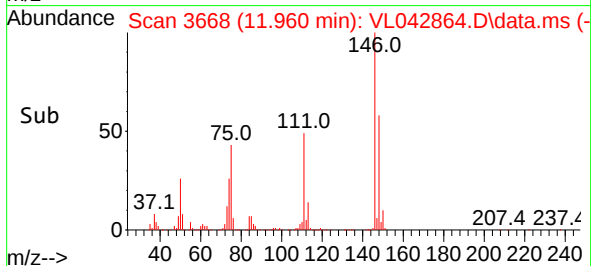
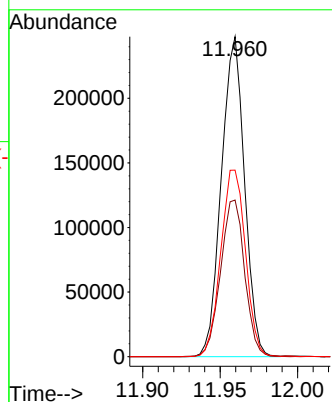
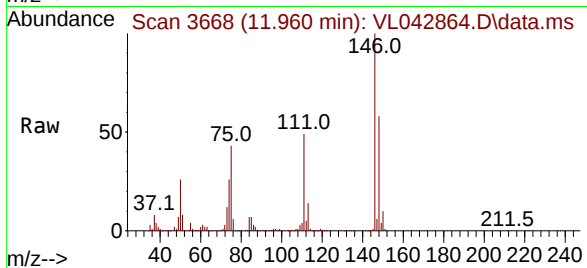
Tgt Ion:146 Resp: 257825

Ion Ratio Lower Upper

146 100

111 51.0 24.6 74.0

148 62.4 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 7.648 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. 0.003 min

Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

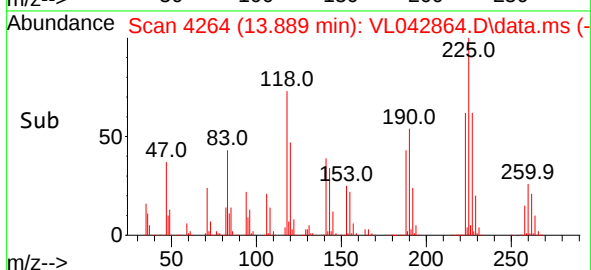
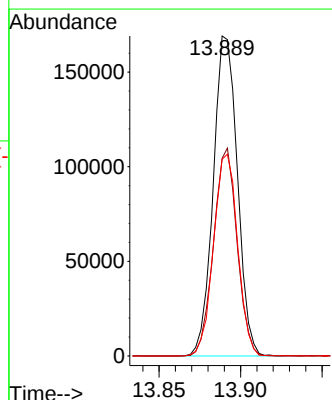
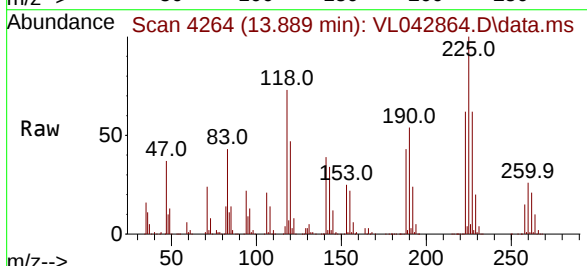
Tgt Ion:225 Resp: 174005

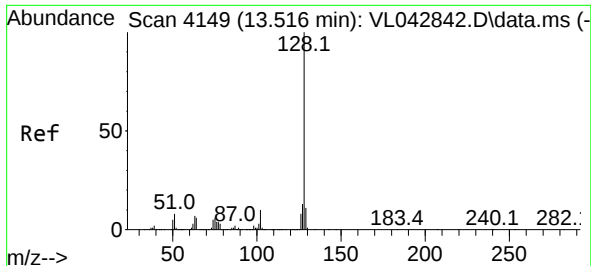
Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

227 63.0 51.9 77.9

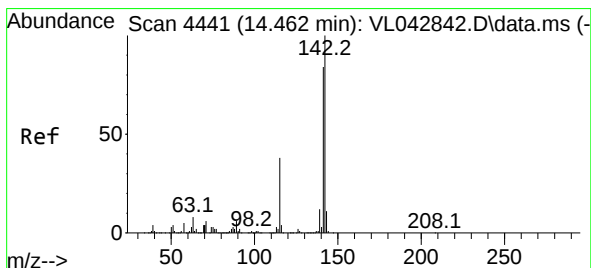
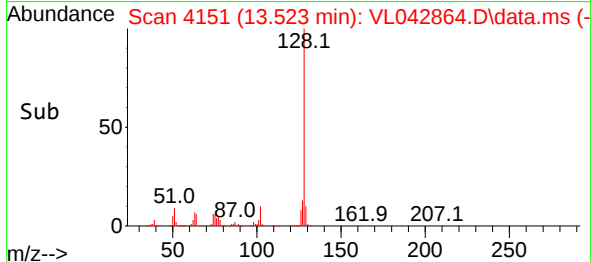
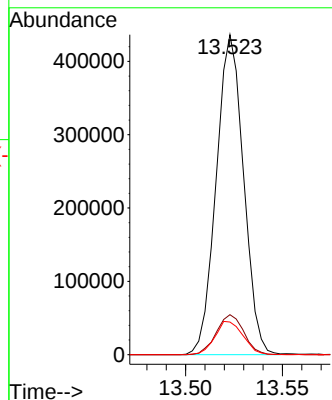
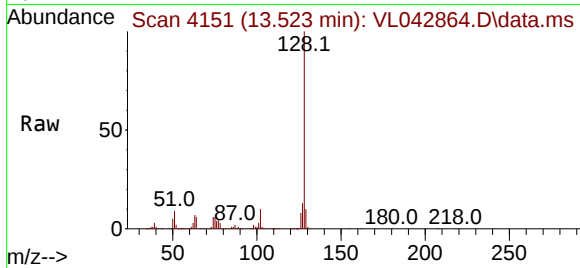




#79
Naphthalene
Concen: 9.482 ppbv
RT: 13.523 min Scan# 4149
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

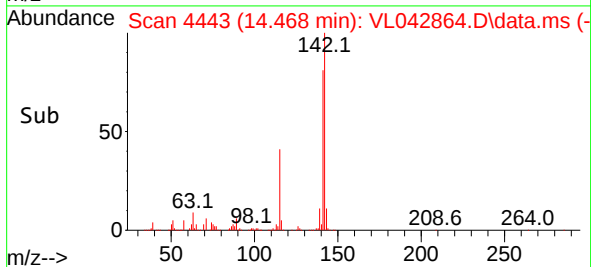
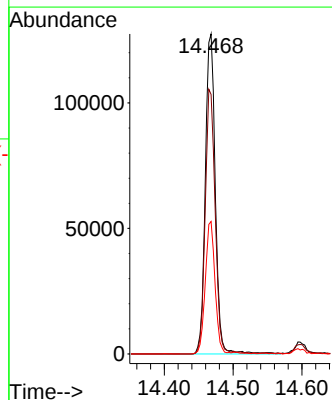
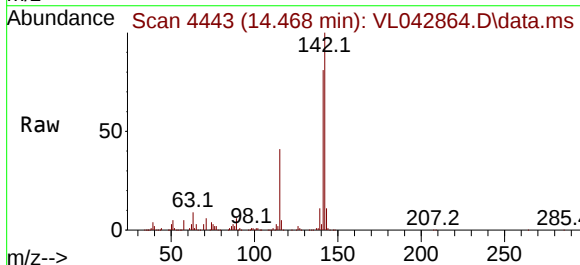
Instrument :
MSVOA_L
ClientSampleId :

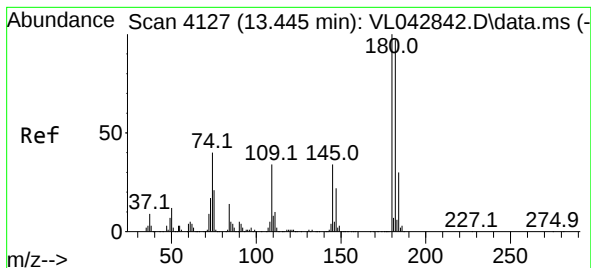
Tgt Ion:128 Resp: 428714
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.2 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 7.589 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.006 min
Lab File: VL042864.D
Acq: 13 Aug 2025 22:39

Tgt Ion:142 Resp: 128201
Ion Ratio Lower Upper
142 100
141 83.1 67.0 100.6
115 41.0 30.9 46.3





#81

1,2,4-Trichlorobenzene

Concen: 9.136 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.006 min

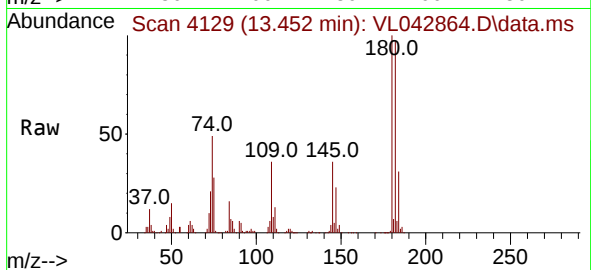
Lab File: VL042864.D

Acq: 13 Aug 2025 22:39

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 207593

Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

184 29.4 24.5 36.7

