

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
 Data File : VL042902.D
 Acq On : 08 Sep 2025 13:35
 Operator : SY/MD
 Sample : VL0908ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

Quant Time: Sep 09 00:55:51 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 : Tue Sep 09 00:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	139945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	365857	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	306385	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	240840	10.481	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	220085	10.731	ppbv	99
3) Chlorodifluoromethane	1.470	51	263595	11.627	ppbv	98
4) Chloromethane	1.528	50	84783	10.244	ppbv	99
5) Vinyl Chloride	1.577	62	78545	9.636	ppbv	99
6) Bromomethane	1.664	94	31405	9.636	ppbv	96
7) Chloroethane	1.700	64	30810	9.679	ppbv	94
8) Dichlorotetrafluoroethane	1.551	85	175617	10.464	ppbv	96
9) Propene	1.881	41	9206	0.940	ppbv	99
10) Heptane	4.965	43	256593	9.785	ppbv	99
11) Trichlorofluoromethane	1.871	101	206104	10.185	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.133	101	164464	10.197	ppbv	96
13) Ethanol	1.716	45	7225	8.071	ppbv	92
14) Bromoethene	1.777	108	58442	10.009	ppbv	99
15) Acetone	1.829	43	156147	8.435	ppbv	99
16) 1,3-Butadiene	1.606	39	77632	9.250	ppbv	97
17) tert-Butyl alcohol	2.036	59	176056	8.020	ppbv	99
18) 1,1-Dichloroethene	2.026	96	68830	9.707	ppbv	97
19) Isopropyl Alcohol	1.881	45	97198	8.791	ppbv	93
20) Methylene Chloride	2.056	84	62334	8.038	ppbv	93
21) Allyl Chloride	2.091	41	125191	9.573	ppbv	94
22) trans-1,2-Dichloroethene	2.334	96	82077	10.005	ppbv	98
23) Vinyl Acetate	2.454	43	270676	10.634	ppbv #	99
24) 1,1-Dichloroethane	2.402	63	164910	10.066	ppbv	99
25) Ethyl Acetate	2.826	43	458640	10.237	ppbv	99
26) Hexane	2.816	57	207705	10.043	ppbv	95
27) Carbon Disulfide	2.143	76	206751	10.273	ppbv	98
28) Methyl tert-Butyl Ether	2.431	73	95768	9.082	ppbv	93
29) Chloroform	2.839	83	311859	10.562	ppbv	97
30) Cyclohexane	3.845	84	169353	9.340	ppbv	96
31) cis-1,2-Dichloroethene	2.713	61	202349	9.796	ppbv	97
32) 1,1,1-Trichloroethane	3.357	97	293618	9.409	ppbv	96
34) 2-Butanone	2.551	43	298071	12.066	ppbv	98
35) Carbon Tetrachloride	3.748	117	297085	11.779	ppbv	98
36) Benzene	3.645	78	407263	11.625	ppbv	99
37) 1,2-Dichloroethane	3.208	62	232809	12.720	ppbv	99
38) Trichloroethene	4.532	130	166529	10.408	ppbv	96
39) 1,2-Dichloropropane	4.302	63	153042	11.961	ppbv	96
40) 1,4-Dioxane	4.567	88	61682	10.138	ppbv #	88
41) Tetrahydrofuran	3.046	42	164268	11.927	ppbv	97
42) Bromodichloromethane	4.473	83	336858	12.351	ppbv	98
43) Methyl Methacrylate	4.862	69	158457	10.979	ppbv	98
44) 2,2,4-Trimethylpentane	4.625	57	701486	11.797	ppbv	98
45) t-1,3-Dichloropropene	6.399	75	169435	10.403	ppbv	97

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

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

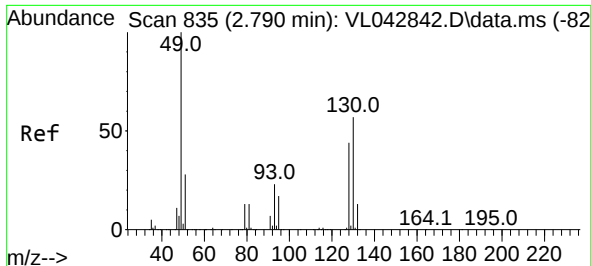
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 09 00:52:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.583	75	223871	11.031	ppbv	96
47) 1,1,2-Trichloroethane	6.564	97	156460	11.541	ppbv	95
48) Dibromochloromethane	7.373	129	256923	11.712	ppbv	99
49) Bromoform	9.474	173	203018	11.222	ppbv	99
50) 4-Methyl-2-Pentanone	5.732	43	390291	11.688	ppbv	97
51) 2-Hexanone	7.422	43	311589	11.858	ppbv #	95
52) Tetrachloroethene	8.212	164	122229	9.644	ppbv	93
53) Toluene	6.920	91	447844	10.752	ppbv	99
54) 1,2-Dibromoethane	7.639	107	223417	11.277	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.917	131	190922	12.050	ppbv	98
57) Chlorobenzene	8.911	112	345342	11.855	ppbv	99
58) Ethyl Benzene	9.344	91	618650	11.442	ppbv	99
59) m/p-Xylene	9.542	91	483410	11.407	ppbv #	100
60) o-Xylene	9.956	91	504922	11.844	ppbv	99
61) Styrene	9.862	104	212594	10.644	ppbv	100
62) Isopropylbenzene	10.532	105	717761	11.521	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.953	83	295111	12.588	ppbv	99
64) n-propylbenzene	10.982	120	186258	11.717	ppbv	94
65) tert-Butylbenzene	11.523	119	633844	11.541	ppbv	97
66) Benzyl Chloride	11.607	91	55458	7.954	ppbv	99
67) sec-Butylbenzene	11.759	105	904977	11.739	ppbv	99
69) p-Isopropyltoluene	11.918	119	743217	11.229	ppbv	98
70) n-Butylbenzene	12.274	91	793205	12.084	ppbv	97
71) 2-Chlorotoluene	10.892	91	551398	11.398	ppbv	97
72) 4-Ethyltoluene	11.118	105	613510	11.871	ppbv	99
73) 1,3,5-Trimethylbenzene	11.196	105	505222	11.496	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	562868	11.668	ppbv	99
75) 1,3-Dichlorobenzene	11.600	146	322979	11.778	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	320689	11.563	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	309433	11.524	ppbv	100
78) Hexachloro-1,3-Butadiene	13.876	225	187990	8.542	ppbv	97
79) Naphthalene	13.507	128	477313	10.914	ppbv	99
80) Naphthalene,2-methyl-	14.449	142	142381	8.713	ppbv	97
81) 1,2,4-Trichlorobenzene	13.432	180	228630	10.401	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

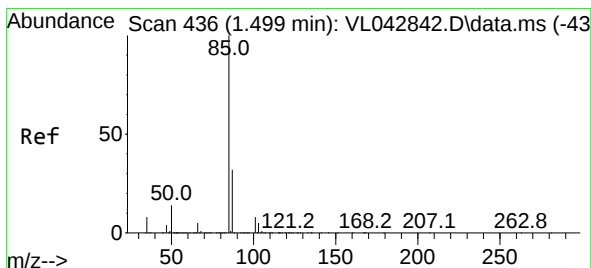
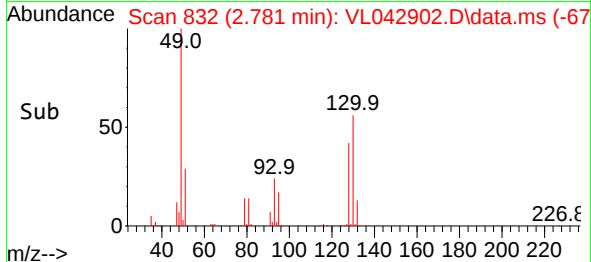
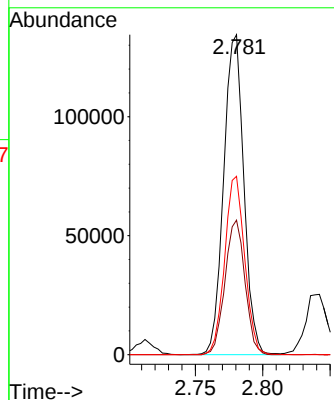
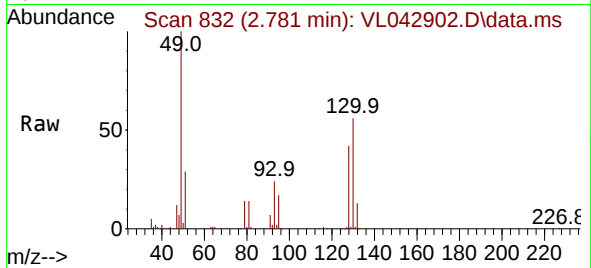
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#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

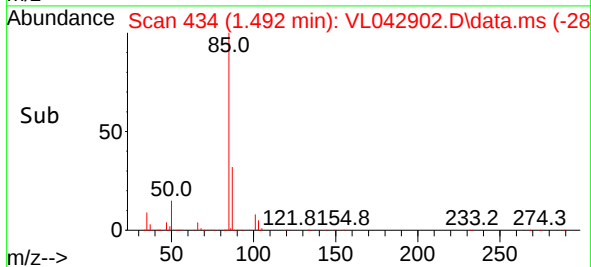
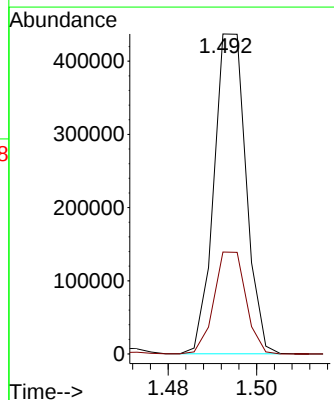
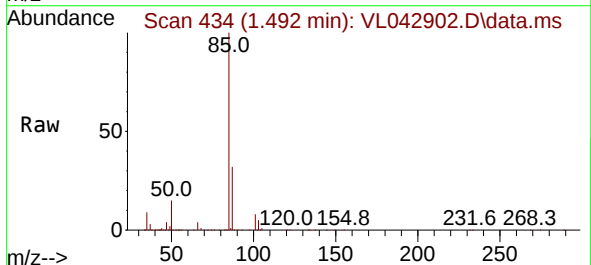
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 ClientSampleId :
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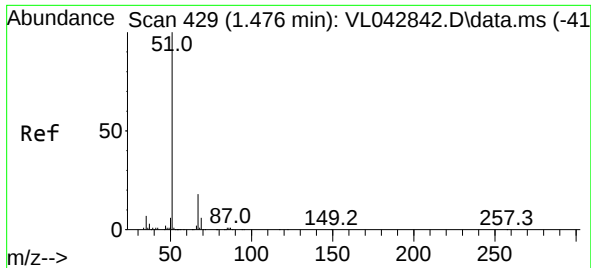
Tgt Ion: 49 Resp: 139945
 Ion Ratio Lower Upper
 49 100
 128 41.6 23.7 71.1
 130 55.2 30.6 91.6



#2
 Dichlorodifluoromethane
 Concen: 10.731 ppbv
 RT: 1.492 min Scan# 434
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 85 Resp: 220085
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.3 37.9

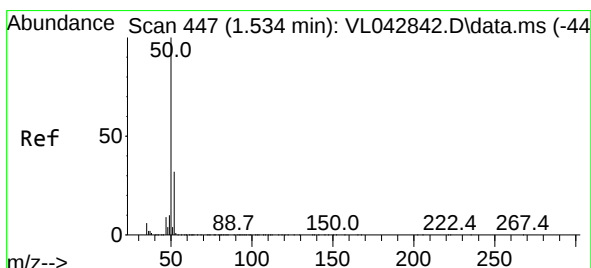
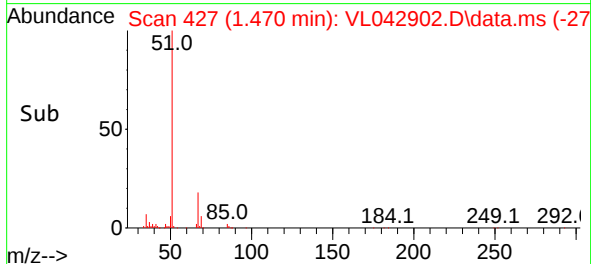
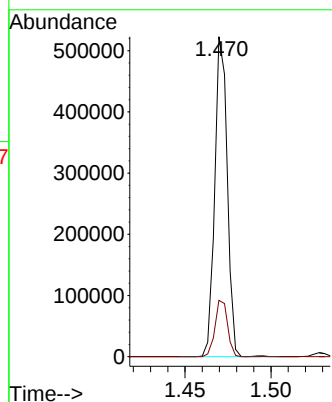
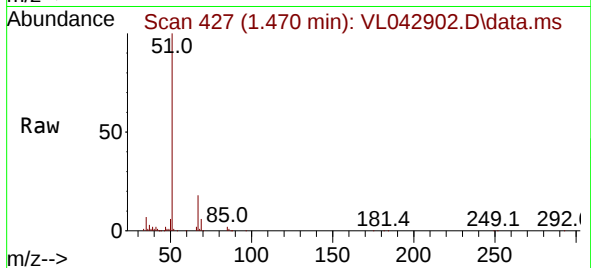




#3
Chlorodifluoromethane
Concen: 11.627 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

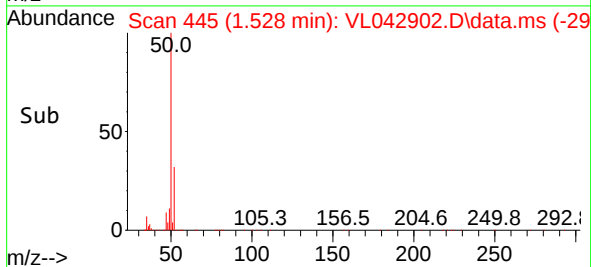
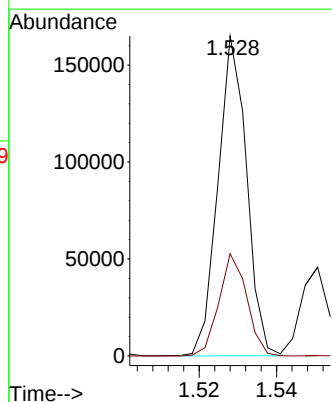
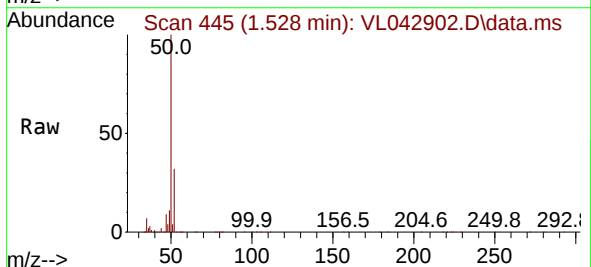
Instrument :
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ClientSampleId :
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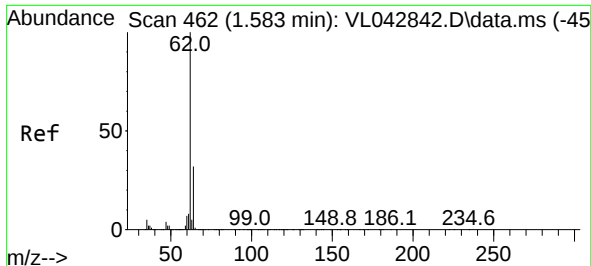
Tgt Ion: 51 Resp: 263595
Ion Ratio Lower Upper
51 100
67 17.8 14.9 22.3



#4
Chloromethane
Concen: 10.244 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 50 Resp: 84783
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

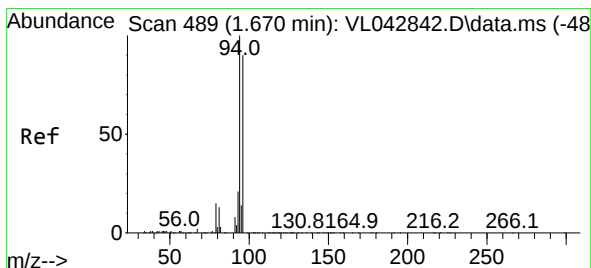
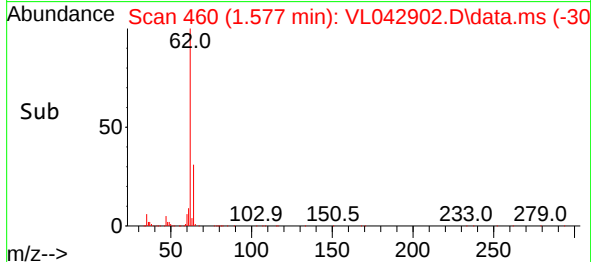
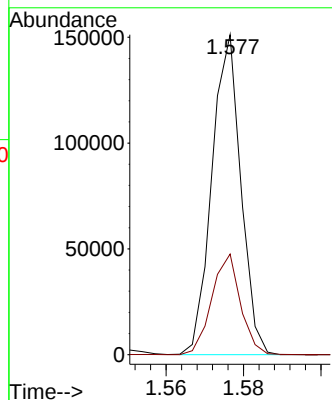
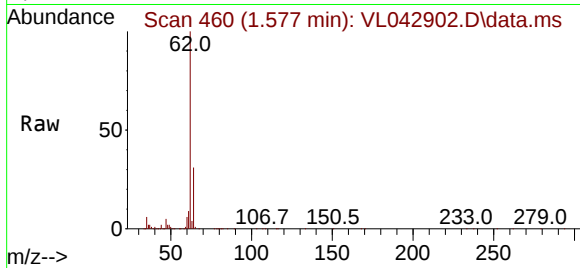




#5
 Vinyl Chloride
 Concen: 9.636 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

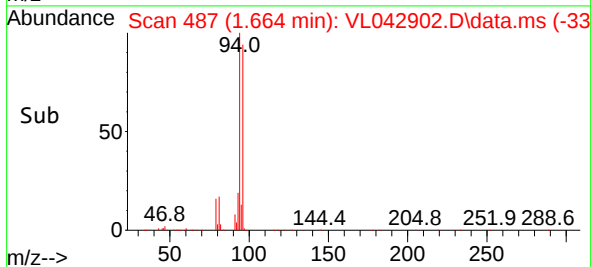
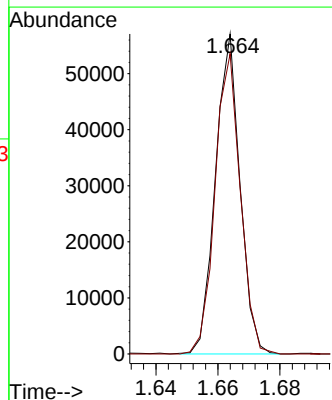
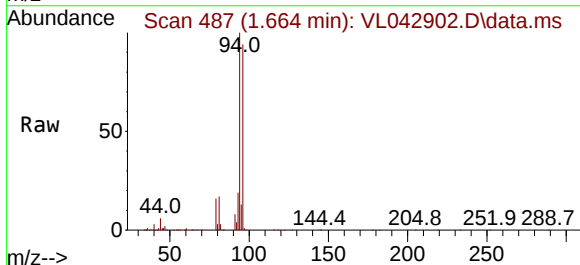
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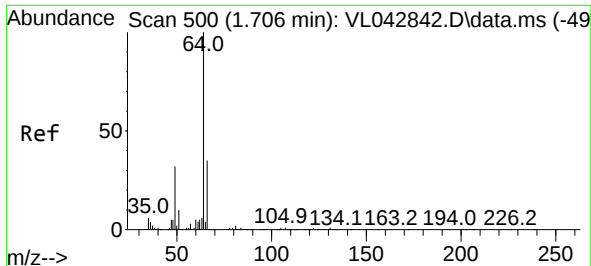
Tgt Ion: 62 Resp: 78545
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.4 38.2



#6
 Bromomethane
 Concen: 9.636 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 94 Resp: 31405
 Ion Ratio Lower Upper
 94 100
 96 93.8 72.1 108.1

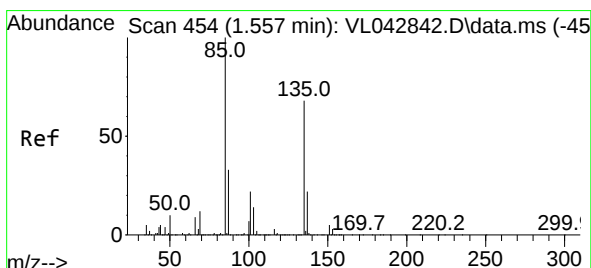
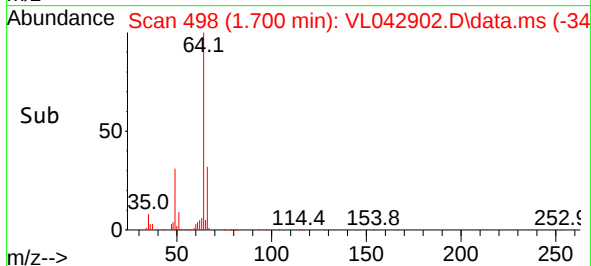
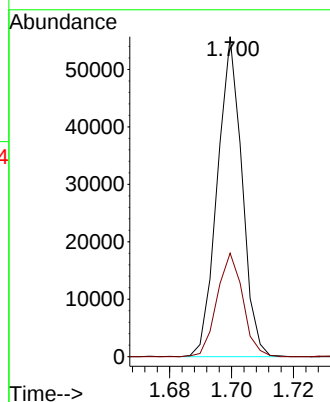
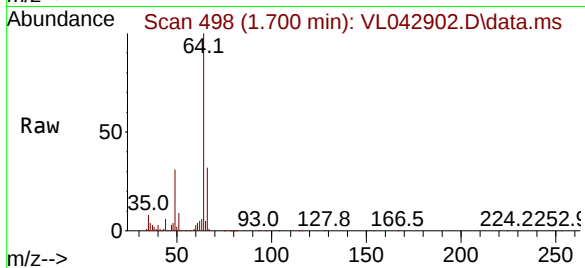




#7
Chloroethane
Concen: 9.679 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

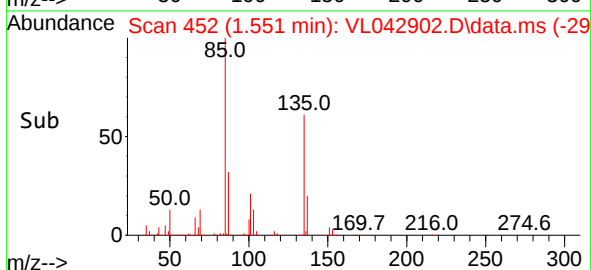
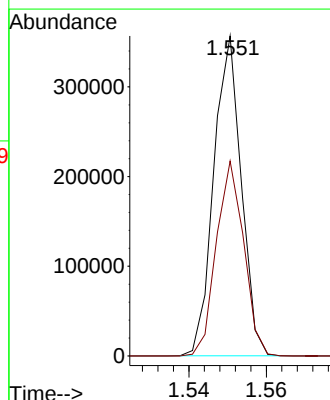
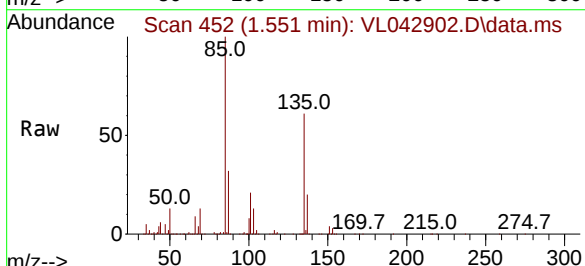
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MSVOA_1
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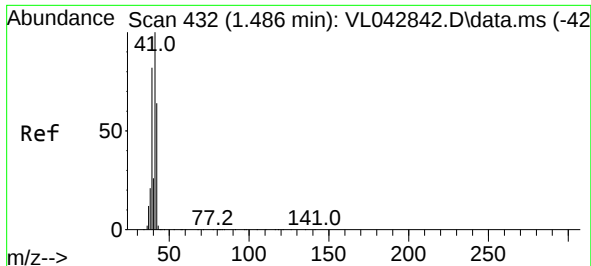
Tgt Ion: 64 Resp: 30810
Ion Ratio Lower Upper
64 100
66 32.3 28.6 42.8



#8
Dichlorotetrafluoroethane
Concen: 10.464 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 85 Resp: 175617
Ion Ratio Lower Upper
85 100
135 60.9 51.2 76.8





#9

Propene

Concen: 0.940 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.405 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

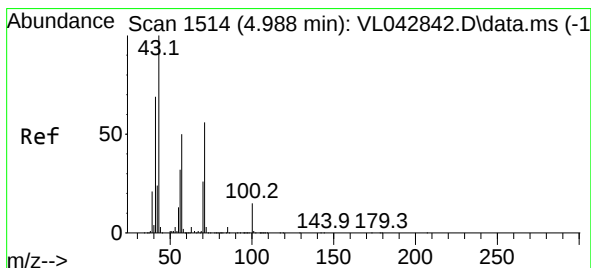
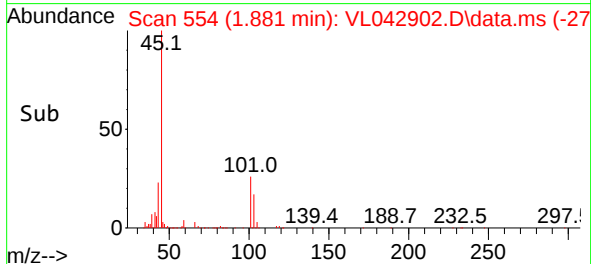
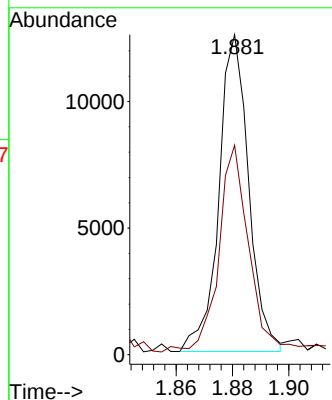
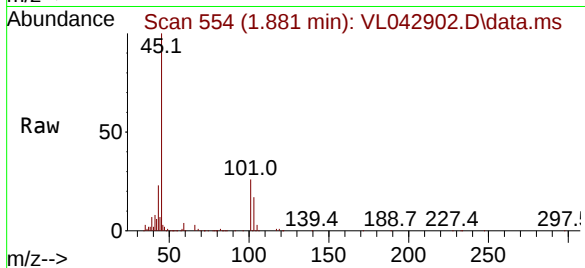
VL0908ABS01

Tgt Ion: 41 Resp: 9206

Ion Ratio Lower Upper

41 100

42 65.5 53.0 79.4



#10

Heptane

Concen: 9.785 ppbv

RT: 4.965 min Scan# 1507

Delta R.T. 0.006 min

Lab File: VL042902.D

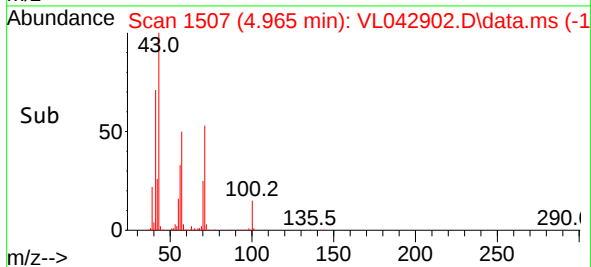
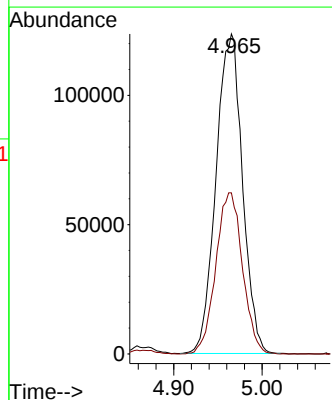
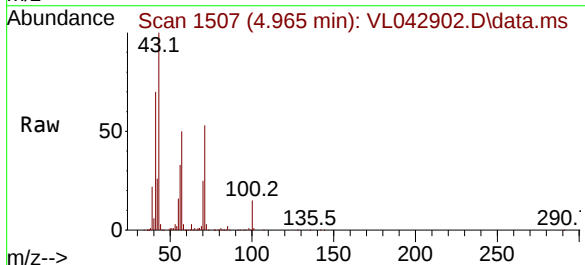
Acq: 08 Sep 2025 13:35

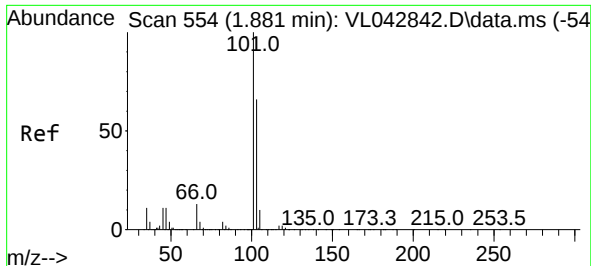
Tgt Ion: 43 Resp: 256593

Ion Ratio Lower Upper

43 100

57 50.9 41.4 62.0

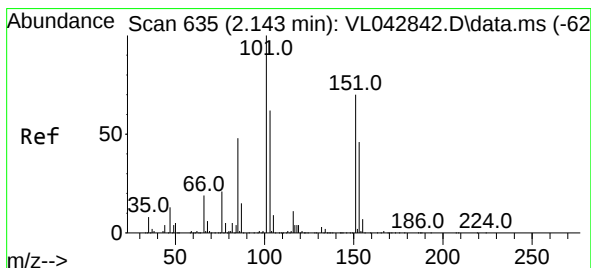
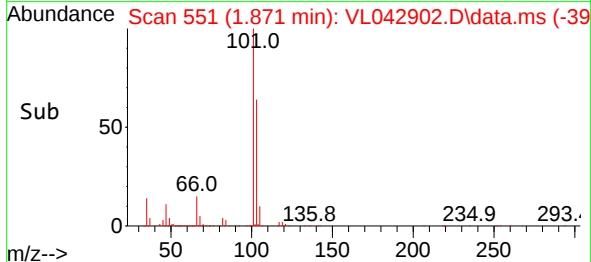
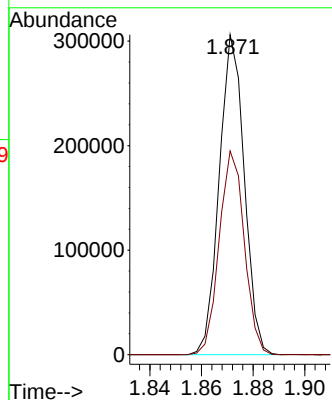
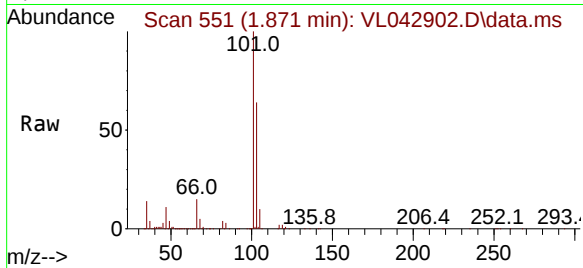




#11
Trichlorofluoromethane
Concen: 10.185 ppbv
RT: 1.871 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

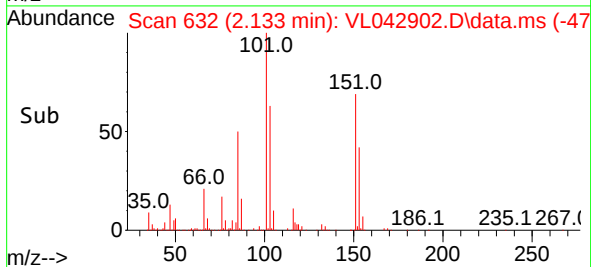
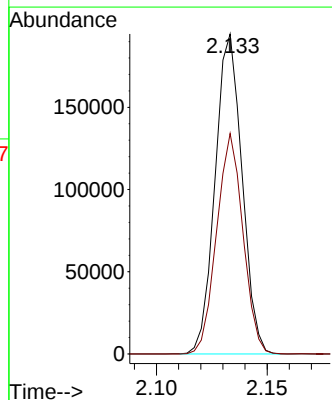
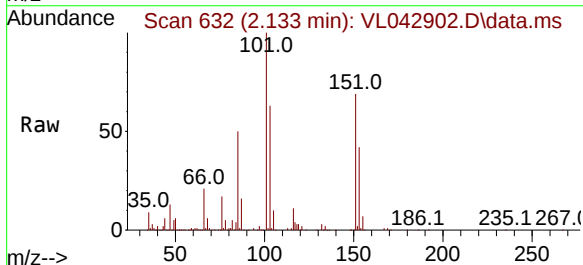
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

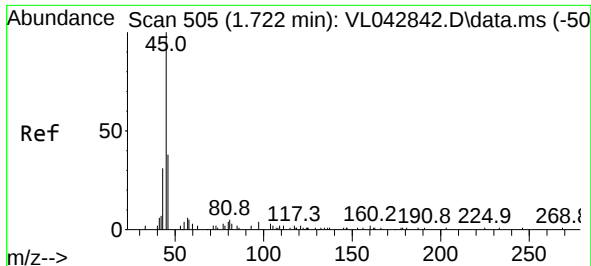
Tgt Ion:101 Resp: 206104
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.197 ppbv
RT: 2.133 min Scan# 632
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:101 Resp: 164464
Ion Ratio Lower Upper
101 100
151 67.4 56.4 84.6

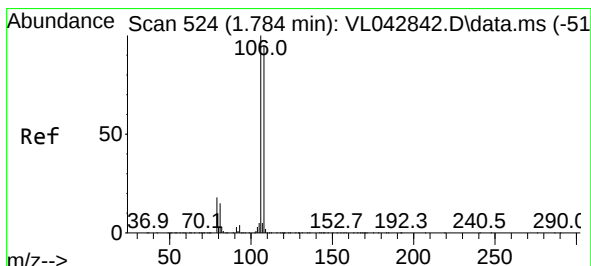
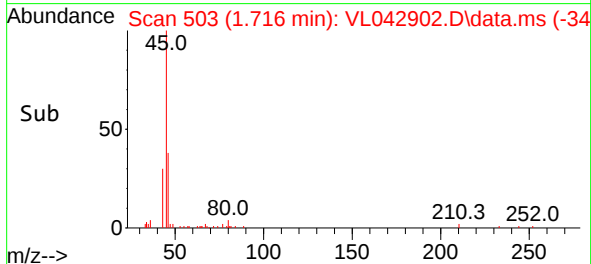
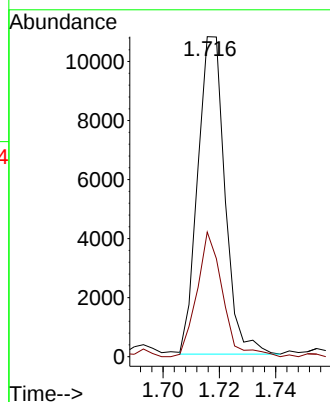
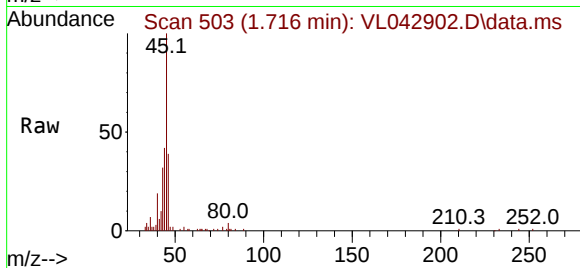




#13
 Ethanol
 Concen: 8.071 ppbv
 RT: 1.716 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

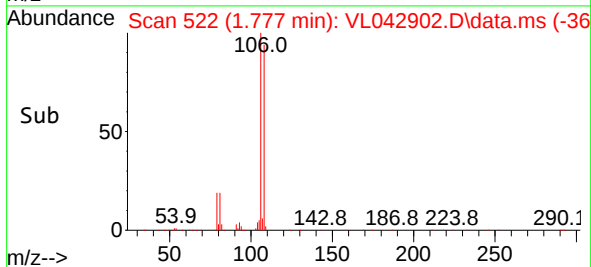
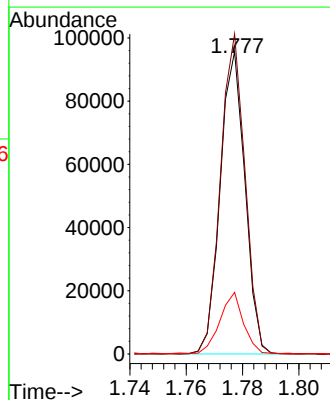
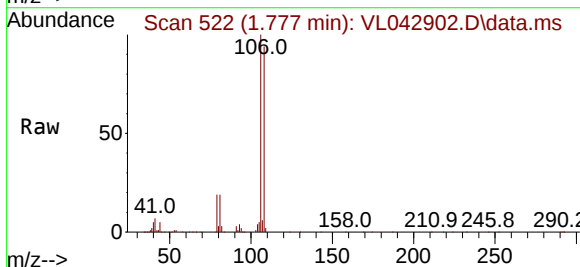
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

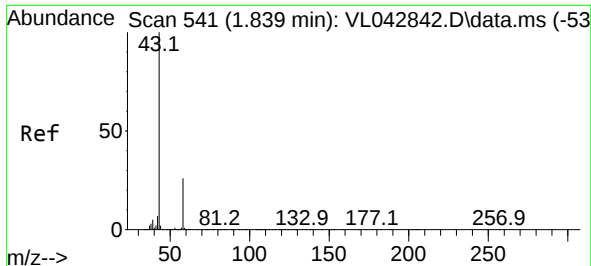
Tgt Ion: 45 Resp: 7225
 Ion Ratio Lower Upper
 45 100
 46 38.4 17.5 69.9



#14
 Bromoethene
 Concen: 10.009 ppbv
 RT: 1.777 min Scan# 522
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 108 Resp: 58442
 Ion Ratio Lower Upper
 108 100
 106 104.8 85.1 127.7
 79 20.1 16.3 24.5

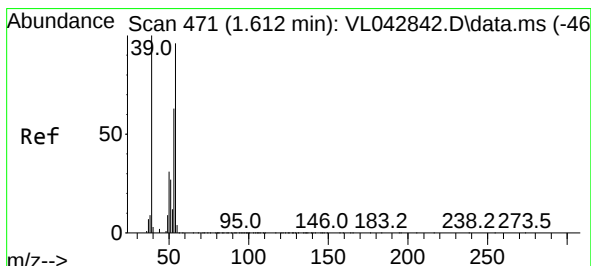
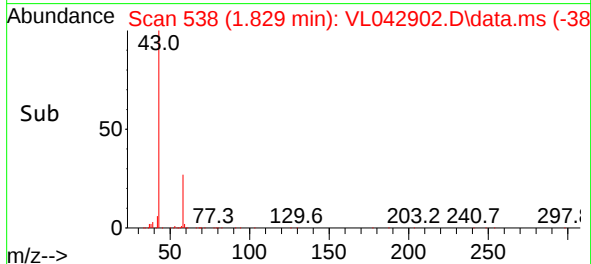
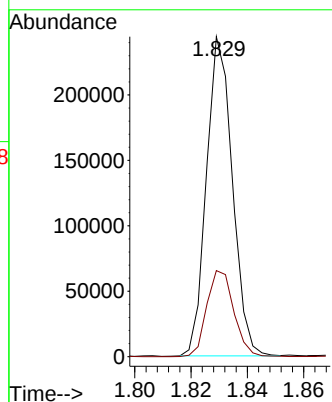
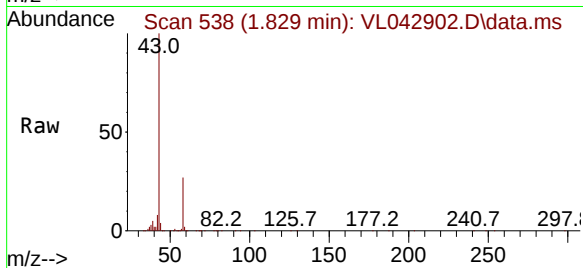




#15
Acetone
Concen: 8.435 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

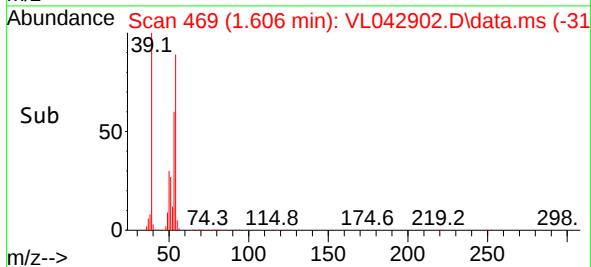
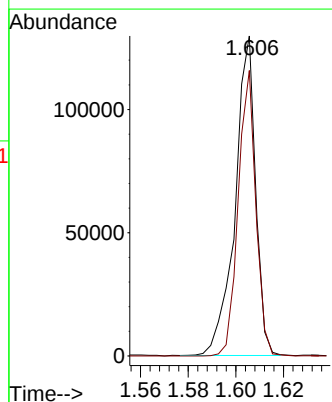
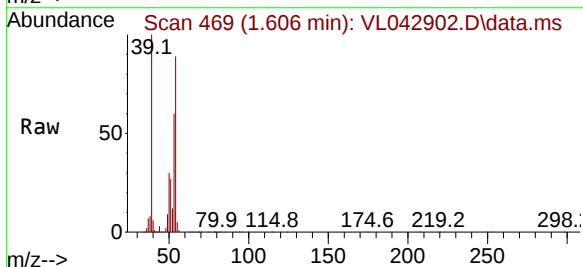
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

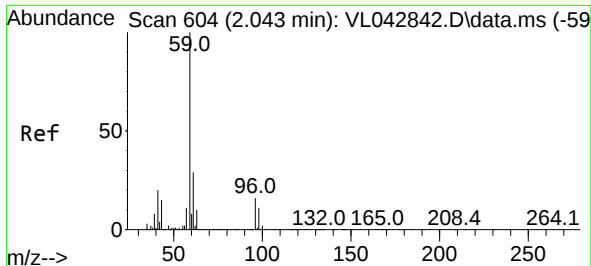
Tgt Ion: 43 Resp: 156147
Ion Ratio Lower Upper
43 100
58 28.3 22.4 33.6



#16
1,3-Butadiene
Concen: 9.250 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 39 Resp: 77632
Ion Ratio Lower Upper
39 100
54 76.8 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.020 ppbv

RT: 2.036 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

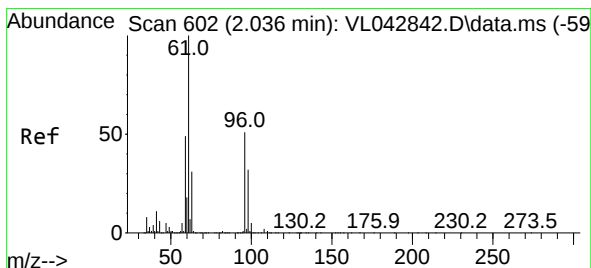
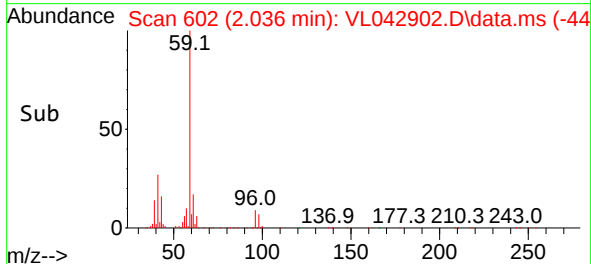
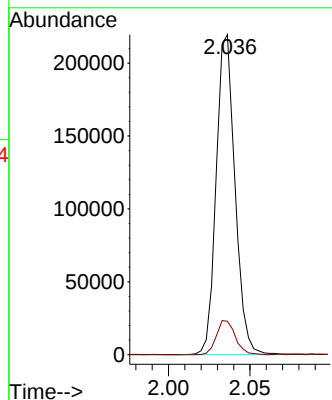
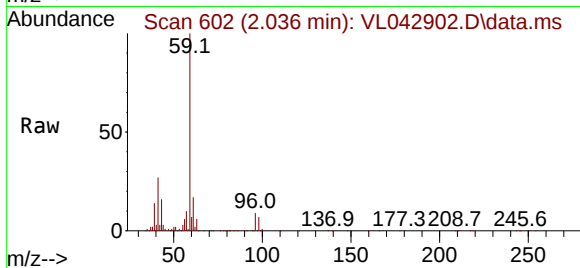
VL0908ABS01

Tgt Ion: 59 Resp: 176056

Ion Ratio Lower Upper

59 100

57 10.9 9.0 13.4



#18

1,1-Dichloroethene

Concen: 9.707 ppbv

RT: 2.026 min Scan# 599

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

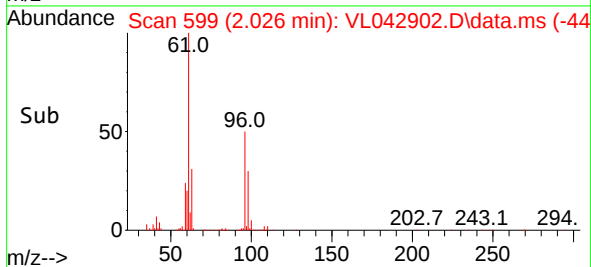
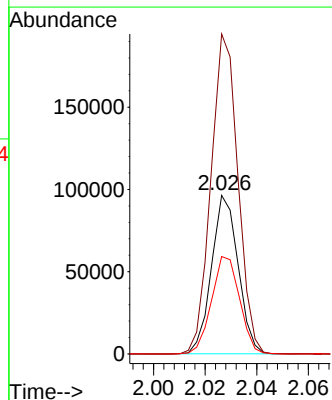
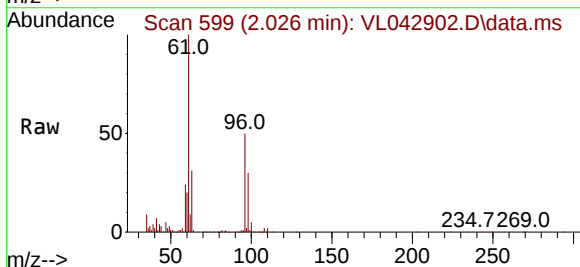
Tgt Ion: 96 Resp: 68830

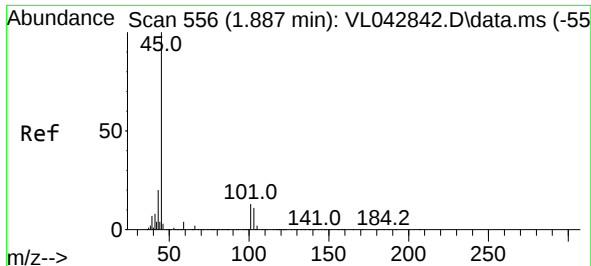
Ion Ratio Lower Upper

96 100

61 201.9 158.2 237.4

98 61.5 50.6 76.0

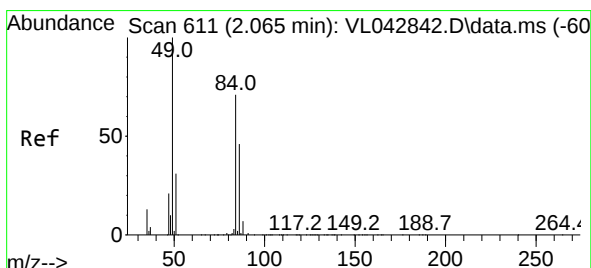
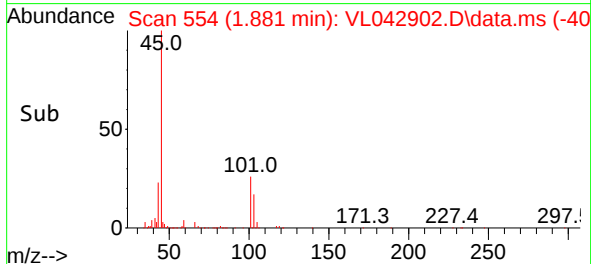
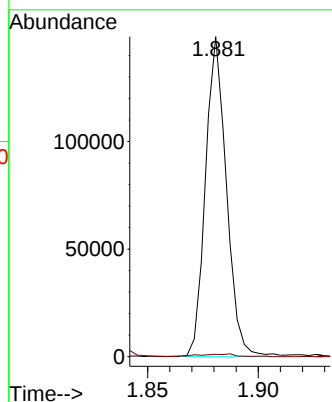
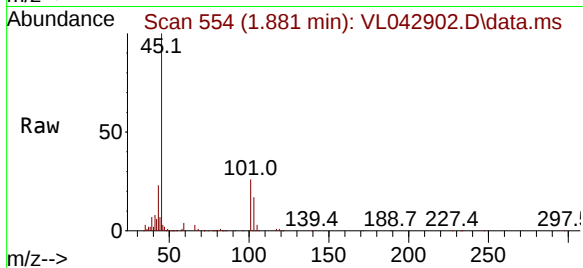




#19
Isopropyl Alcohol
Concen: 8.791 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

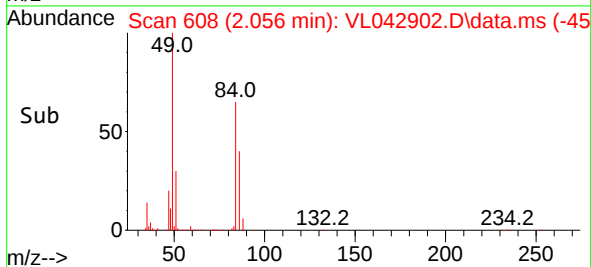
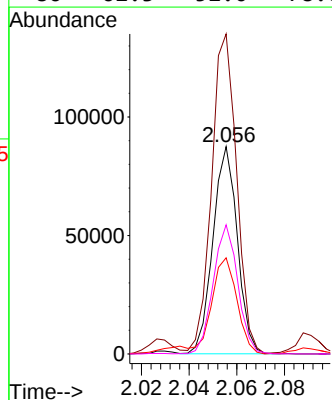
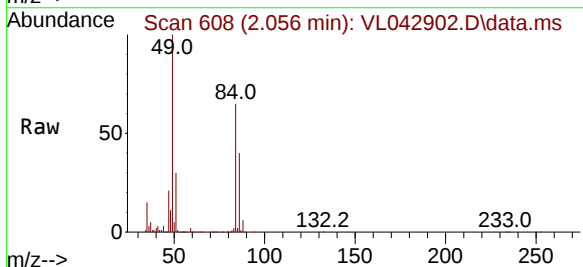
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

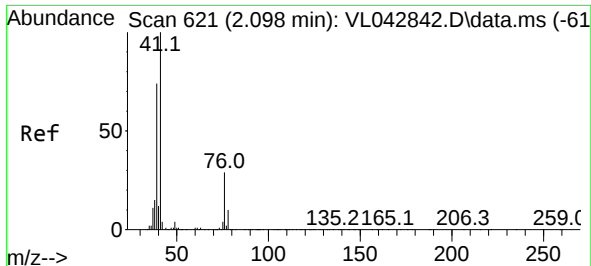
Tgt Ion: 45 Resp: 97198
Ion Ratio Lower Upper
45 100
58 45.5 32.7 49.1



#20
Methylene Chloride
Concen: 8.038 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 84 Resp: 62334
Ion Ratio Lower Upper
84 100
49 153.6 112.3 168.5
51 46.1 36.0 54.0
86 62.3 52.0 78.0

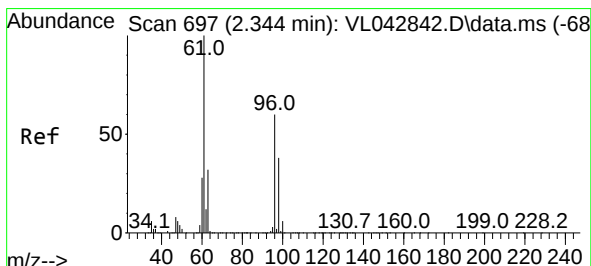
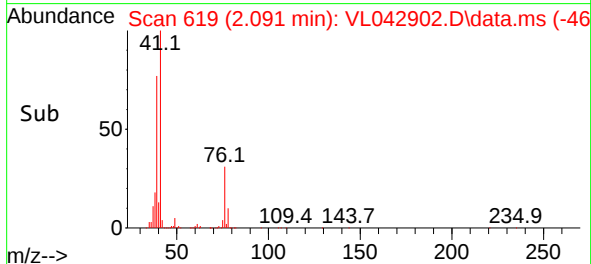
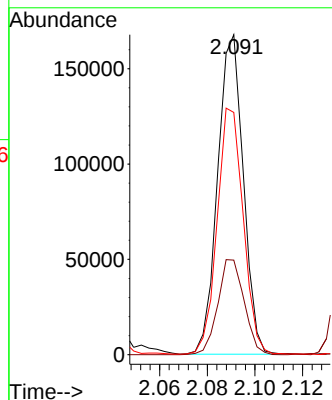
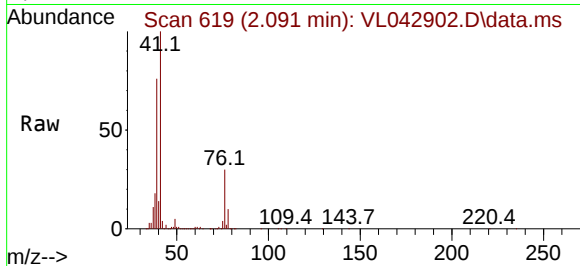




#21
 Allyl Chloride
 Concen: 9.573 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

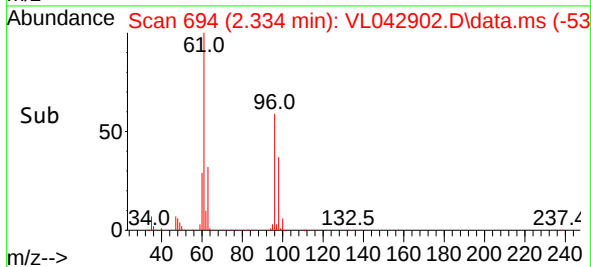
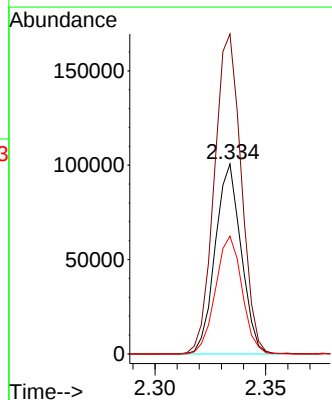
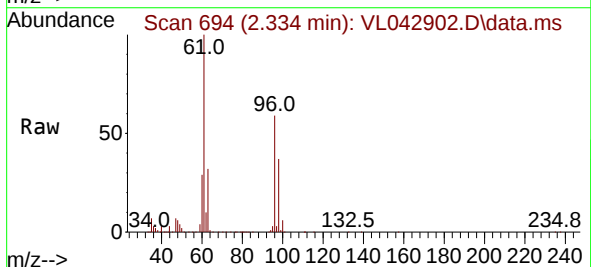
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

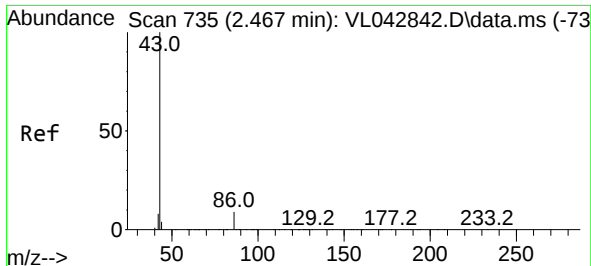
Tgt Ion: 41 Resp: 125191
 Ion Ratio Lower Upper
 41 100
 76 30.6 23.9 35.9
 39 78.4 57.8 86.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.005 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. 0.003 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 96 Resp: 82077
 Ion Ratio Lower Upper
 96 100
 61 168.5 132.6 199.0
 98 62.0 50.0 75.0



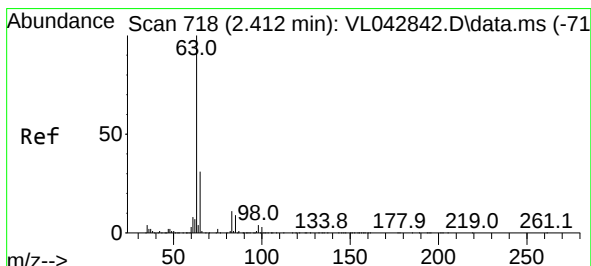
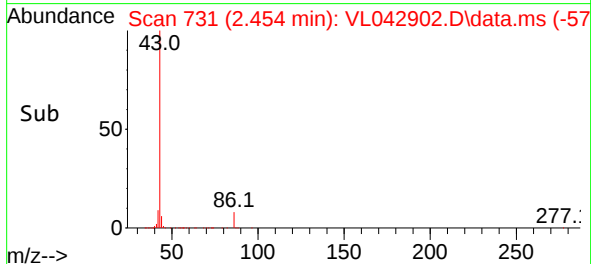
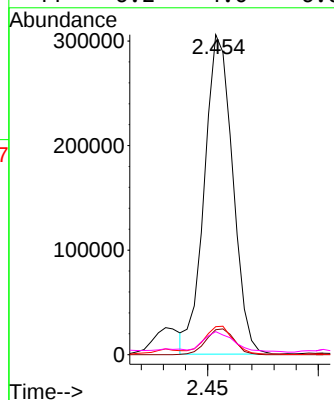
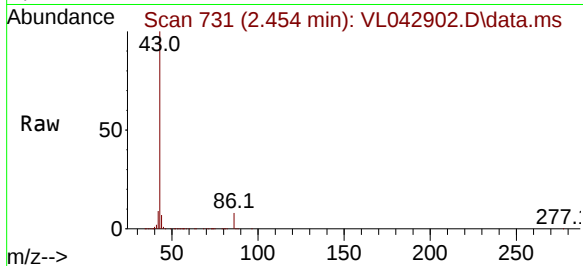


#23
 Vinyl Acetate
 Concen: 10.634 ppbv
 RT: 2.454 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

Tgt Ion: 43 Resp: 270676

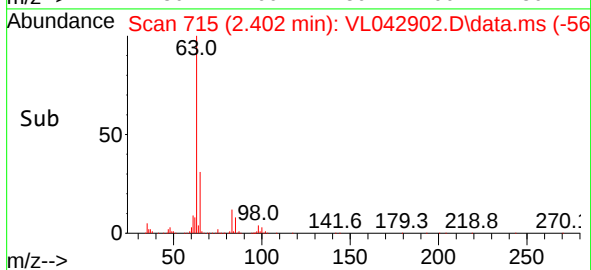
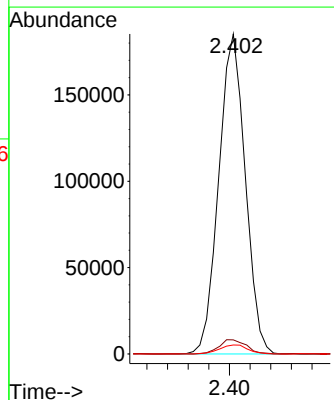
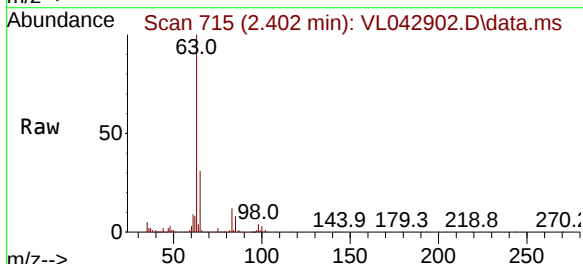
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.6	9.8
42	8.6	7.0	10.6
44	6.2	4.0	6.0



#24
 1,1-Dichloroethane
 Concen: 10.066 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 63 Resp: 164910

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.8	1.7	5.1



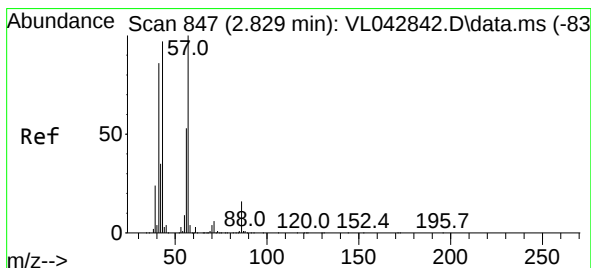
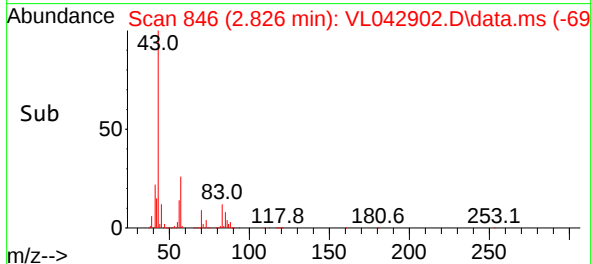
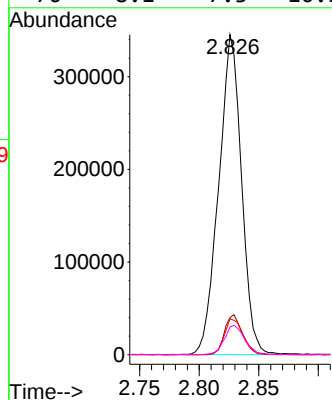
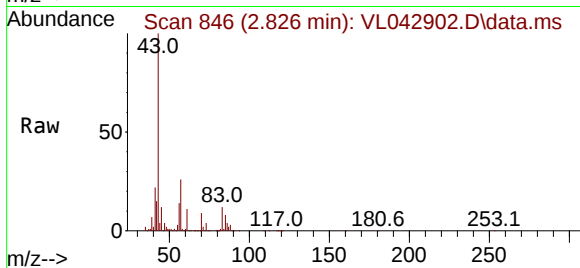


#25
Ethyl Acetate
Concen: 10.237 ppbv
RT: 2.826 min Scan# 843
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Tgt Ion: 43 Resp: 458640

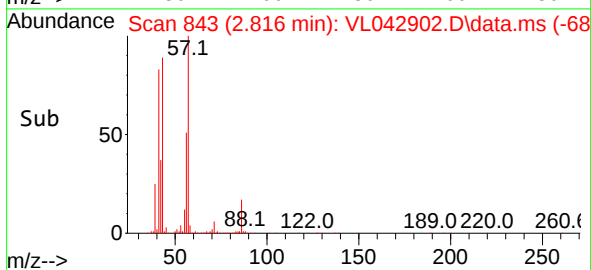
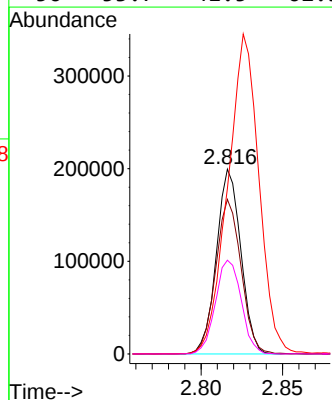
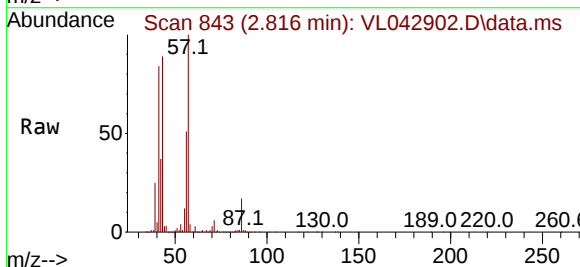
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	9.2	7.4	11.2
70	8.1	7.3	10.9

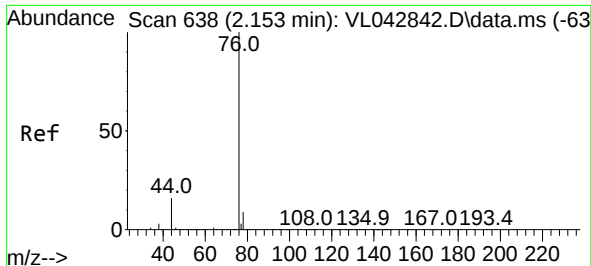


#26
Hexane
Concen: 10.043 ppbv
RT: 2.816 min Scan# 843
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 57 Resp: 207705

Ion	Ratio	Lower	Upper
57	100		
41	87.5	68.6	103.0
43	221.9	168.5	252.7
56	53.7	41.5	62.3





#27

Carbon Disulfide

Concen: 10.273 ppbv

RT: 2.143 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

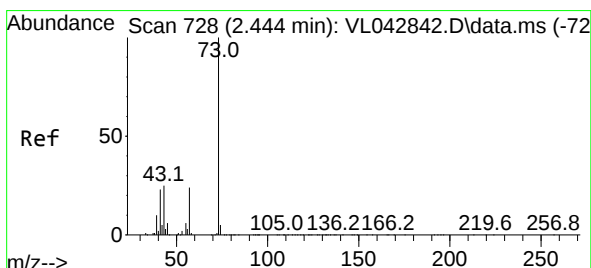
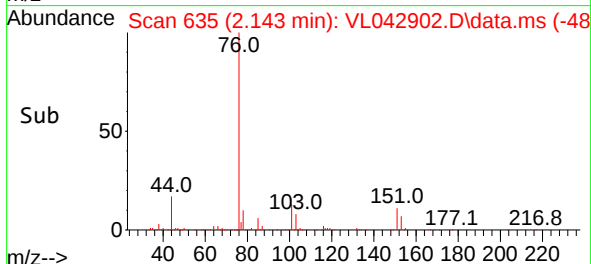
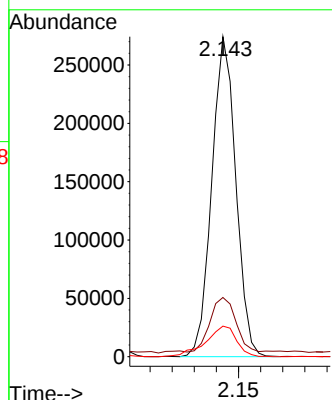
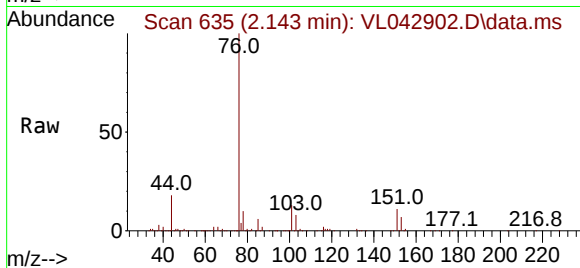
Tgt Ion: 76 Resp: 206751

Ion Ratio Lower Upper

76 100

44 20.9 15.9 23.9

78 12.3 9.5 14.3



#28

Methyl tert-Butyl Ether

Concen: 9.082 ppbv

RT: 2.431 min Scan# 724

Delta R.T. -0.000 min

Lab File: VL042902.D

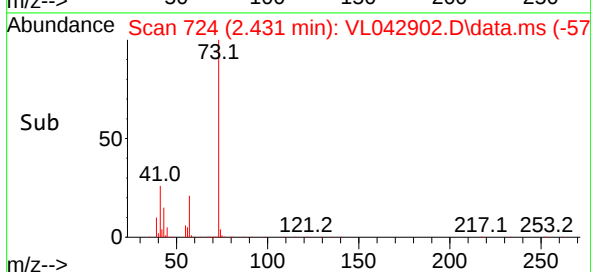
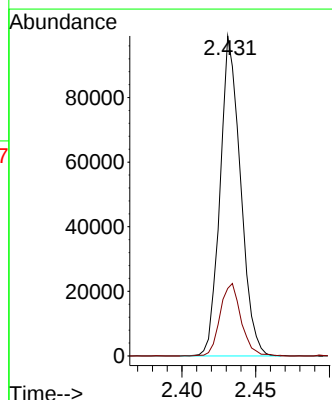
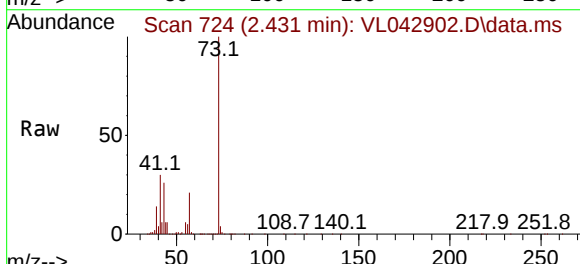
Acq: 08 Sep 2025 13:35

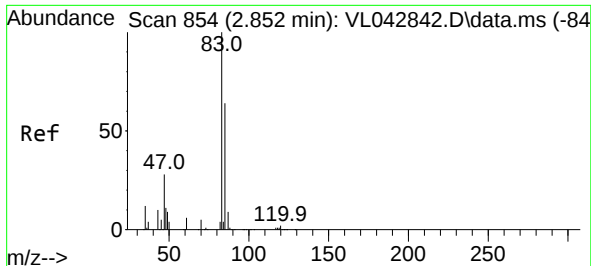
Tgt Ion: 73 Resp: 95768

Ion Ratio Lower Upper

73 100

57 23.2 21.6 32.4





#29

Chloroform

Concen: 10.562 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

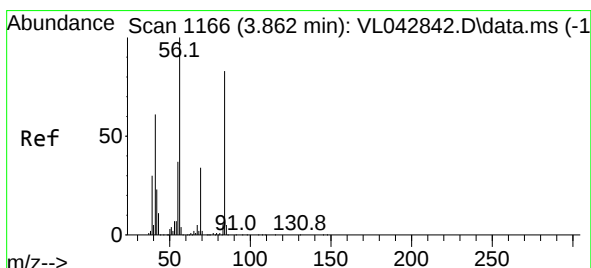
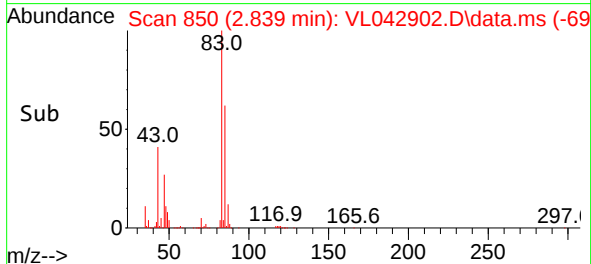
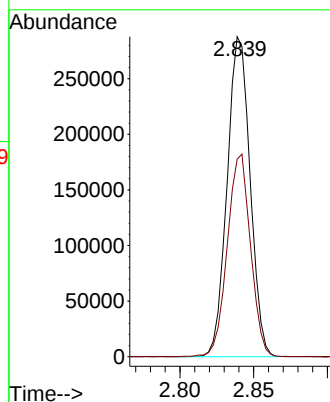
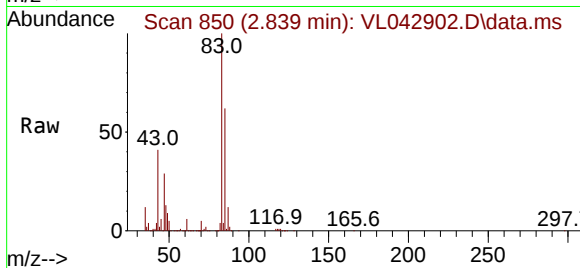
VL0908ABS01

Tgt Ion: 83 Resp: 311859

Ion Ratio Lower Upper

83 100

85 61.7 51.1 76.7



#30

Cyclohexane

Concen: 9.340 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

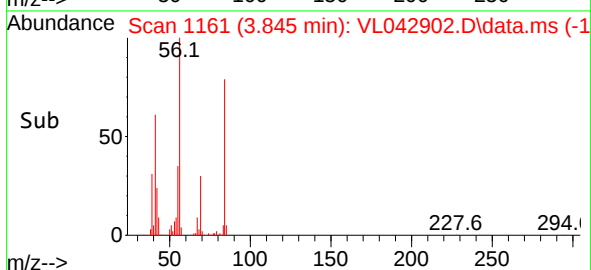
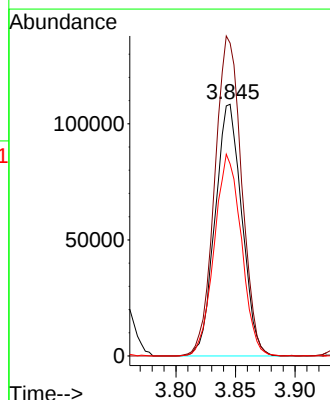
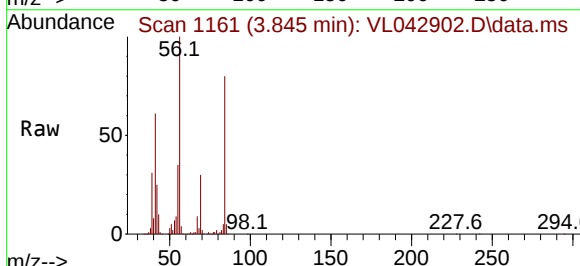
Tgt Ion: 84 Resp: 169353

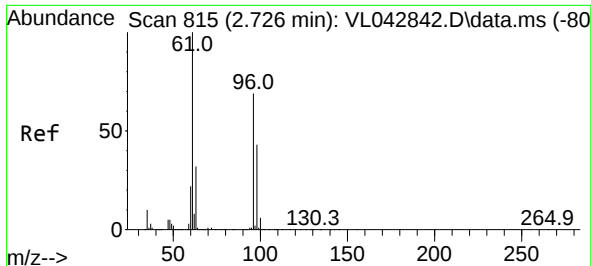
Ion Ratio Lower Upper

84 100

56 127.6 98.8 148.2

41 81.1 61.3 91.9

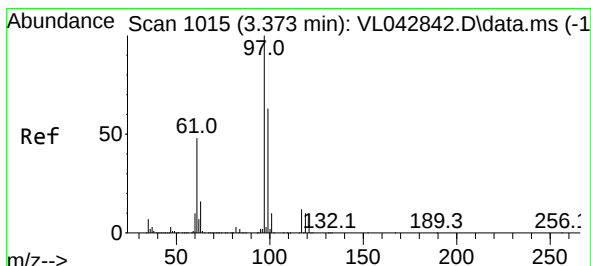
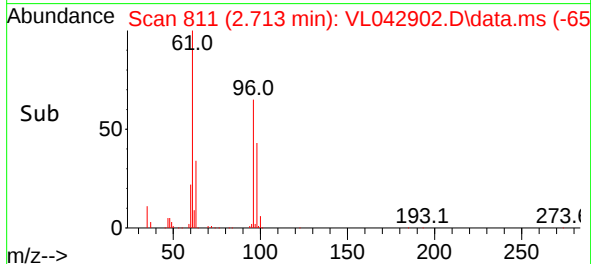
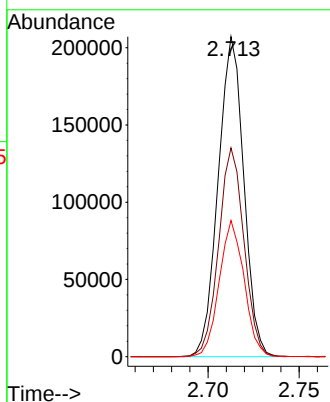
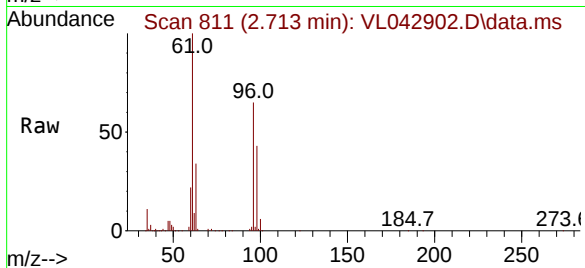




#31
 cis-1,2-Dichloroethene
 Concen: 9.796 ppbv
 RT: 2.713 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

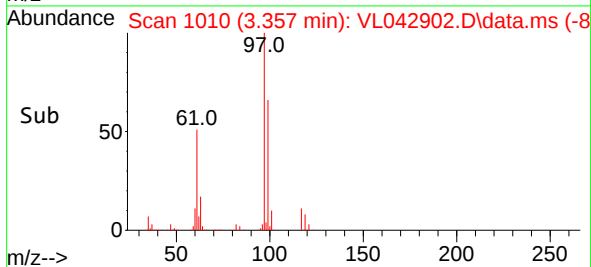
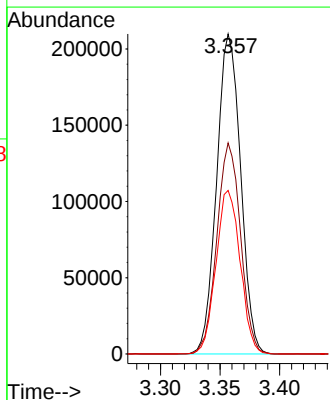
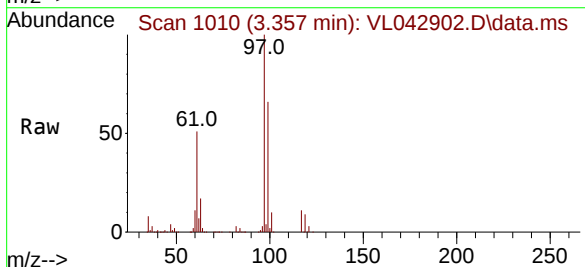
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

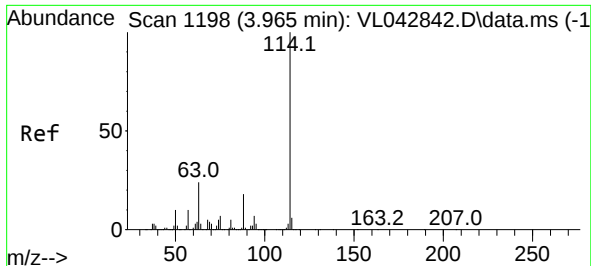
Tgt Ion: 61 Resp: 202349
 Ion Ratio Lower Upper
 61 100
 96 65.2 55.0 82.6
 98 42.5 34.3 51.5



#32
 1,1,1-Trichloroethane
 Concen: 9.409 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 97 Resp: 293618
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.0 76.6
 61 51.7 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

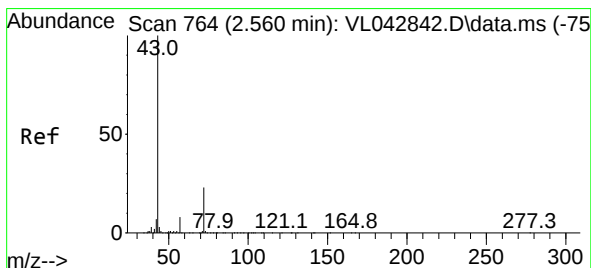
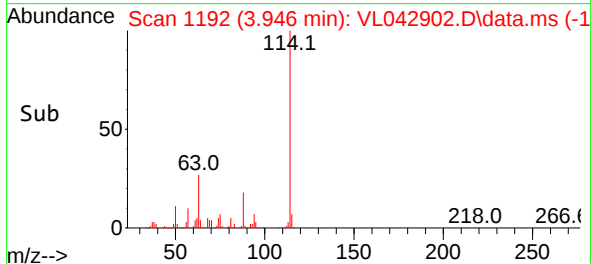
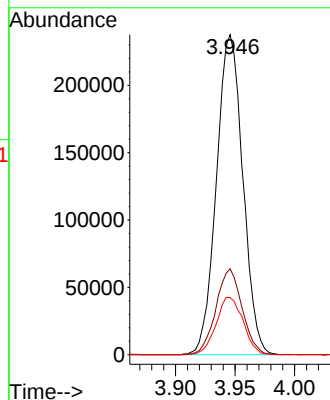
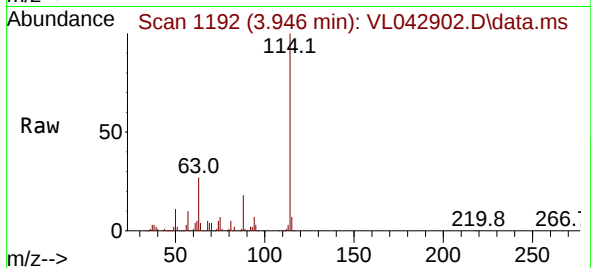
Tgt Ion:114 Resp: 365857

Ion Ratio Lower Upper

114 100

63 26.5 19.7 29.5

88 18.3 14.4 21.6



#34

2-Butanone

Concen: 12.066 ppbv

RT: 2.551 min Scan# 761

Delta R.T. 0.003 min

Lab File: VL042902.D

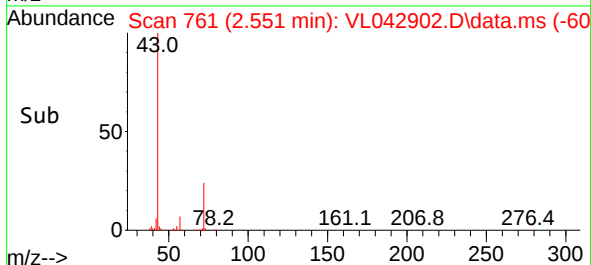
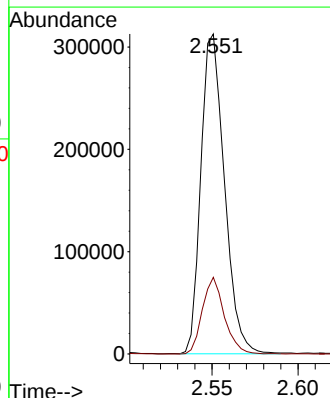
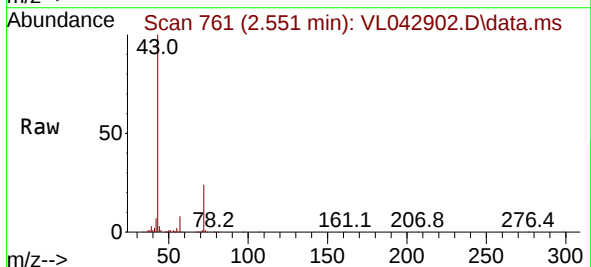
Acq: 08 Sep 2025 13:35

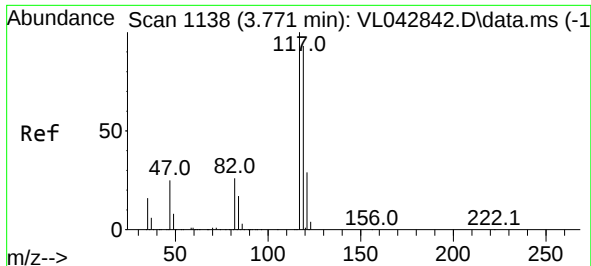
Tgt Ion: 43 Resp: 298071

Ion Ratio Lower Upper

43 100

72 22.3 18.6 28.0

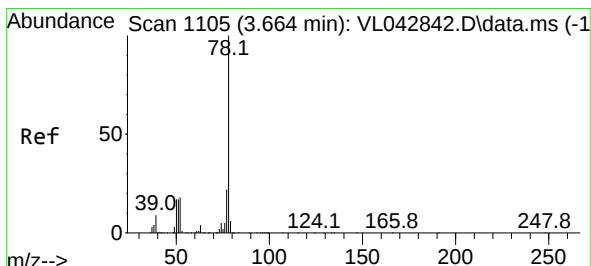
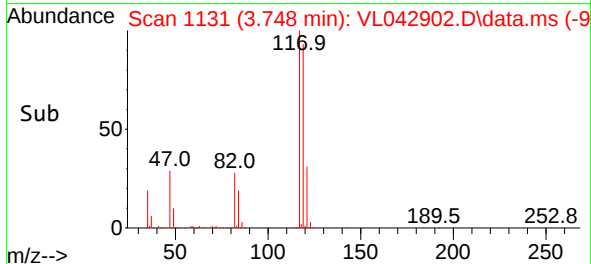
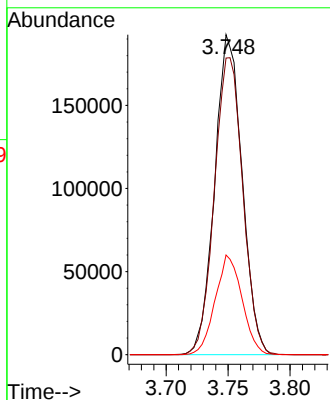
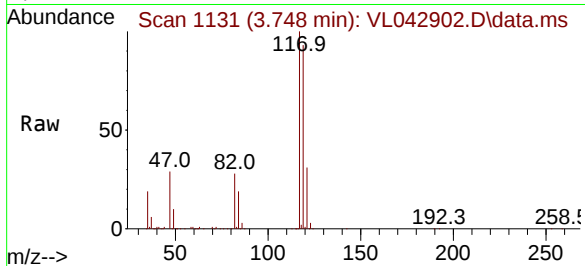




#35
Carbon Tetrachloride
Concen: 11.779 ppbv
RT: 3.748 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

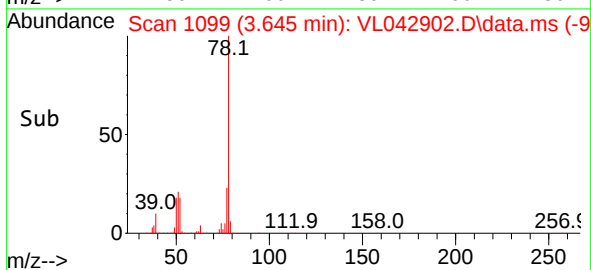
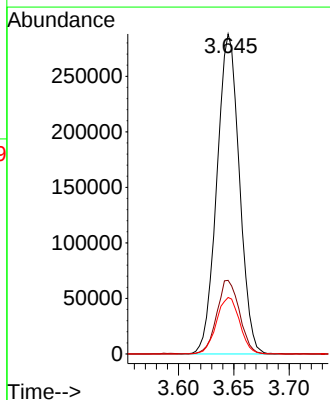
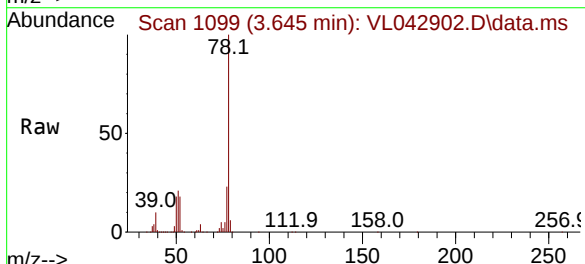
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

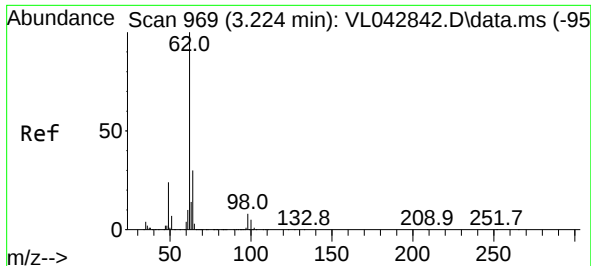
Tgt Ion:117 Resp: 297085
Ion Ratio Lower Upper
117 100
119 92.6 74.7 112.1
121 31.2 23.2 34.8



#36
Benzene
Concen: 11.625 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 78 Resp: 407263
Ion Ratio Lower Upper
78 100
77 23.0 17.7 26.5
50 17.7 13.9 20.9





#37

1,2-Dichloroethane

Concen: 12.720 ppbv

RT: 3.208 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

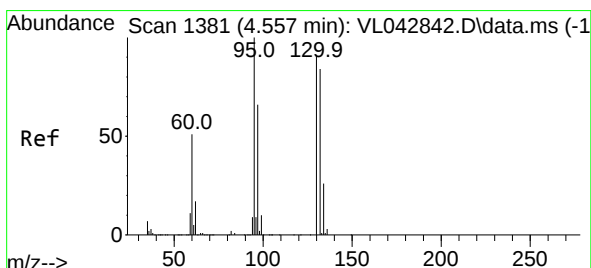
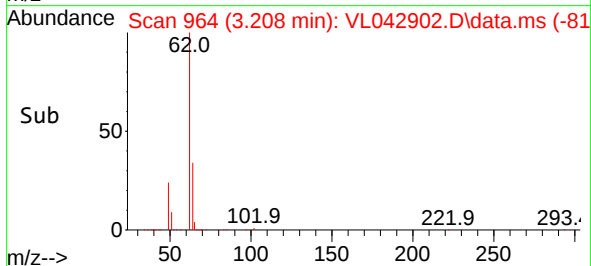
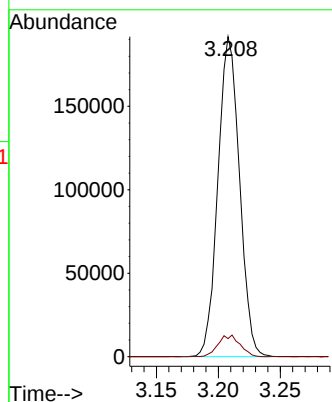
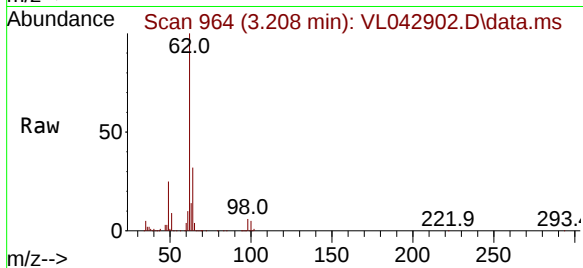
VL0908ABS01

Tgt Ion: 62 Resp: 232809

Ion Ratio Lower Upper

62 100

98 6.9 5.9 8.9



#38

Trichloroethene

Concen: 10.408 ppbv

RT: 4.532 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Tgt Ion:130 Resp: 166529

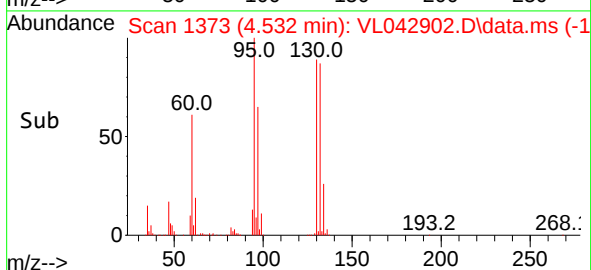
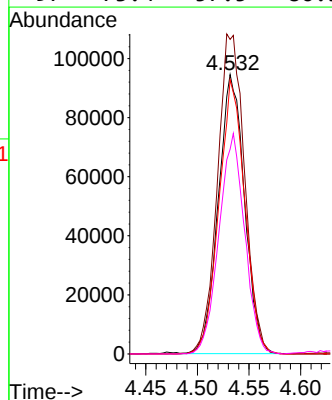
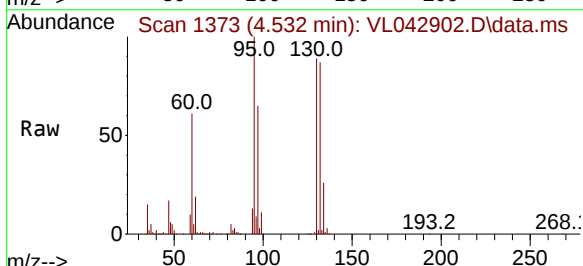
Ion Ratio Lower Upper

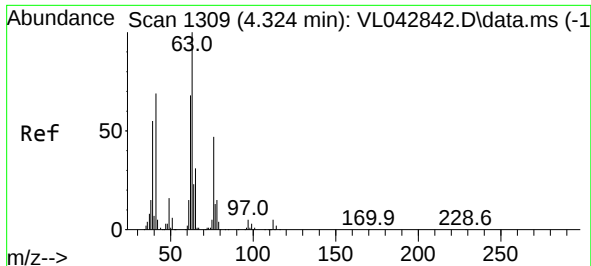
130 100

95 112.8 87.6 131.4

132 98.3 73.8 110.8

97 73.4 57.5 86.3





#39

1,2-Dichloropropane

Concen: 11.961 ppbv

RT: 4.302 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

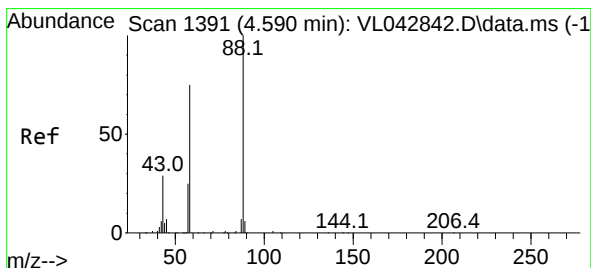
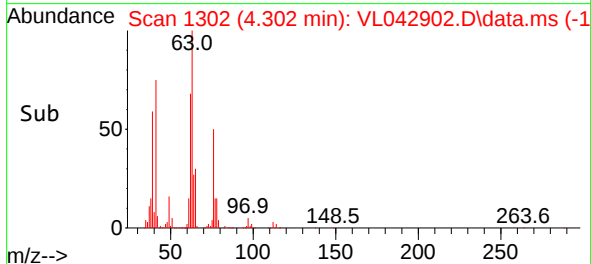
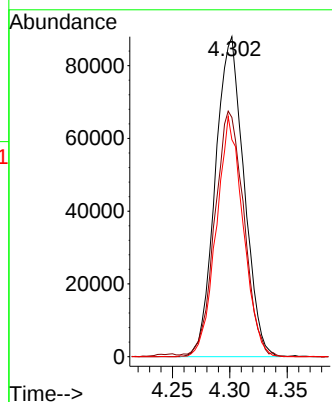
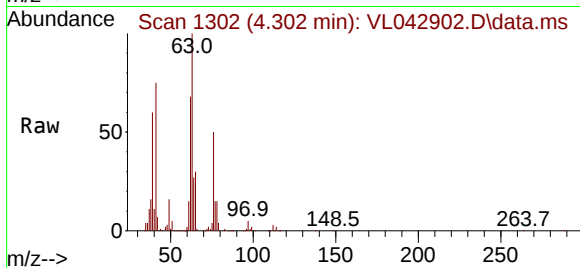
Tgt Ion: 63 Resp: 153042

Ion Ratio Lower Upper

63 100

41 74.6 55.0 82.4

62 67.7 54.4 81.6



#40

1,4-Dioxane

Concen: 10.138 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Tgt Ion: 88 Resp: 61682

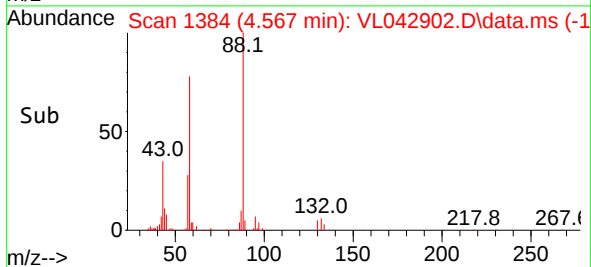
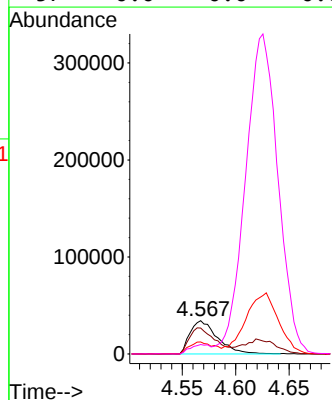
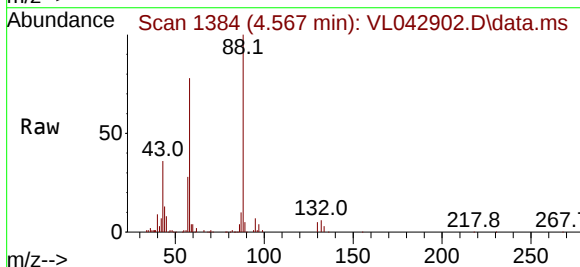
Ion Ratio Lower Upper

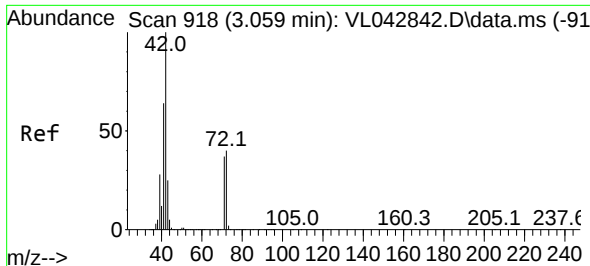
88 100

58 75.9 53.8 80.6

43 36.0 22.8 34.2#

57 0.0 0.0 0.0

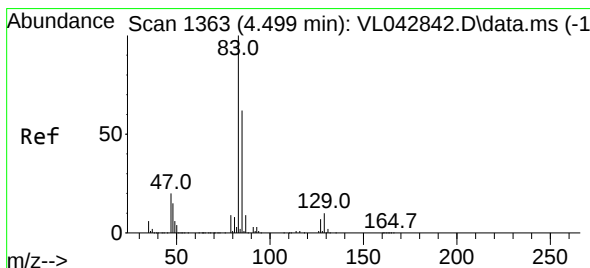
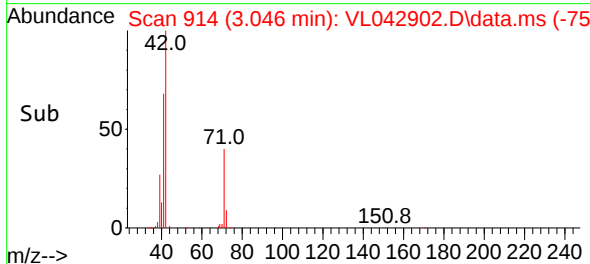
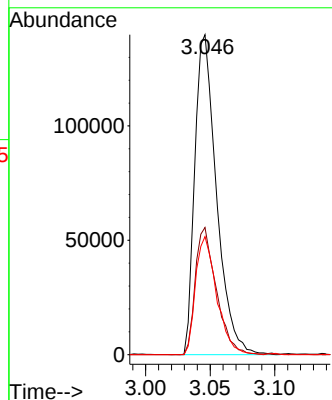
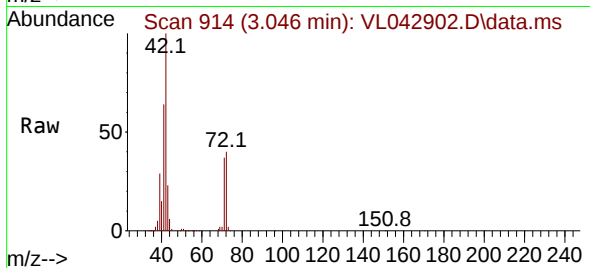




#41
Tetrahydrofuran
Concen: 11.927 ppbv
RT: 3.046 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

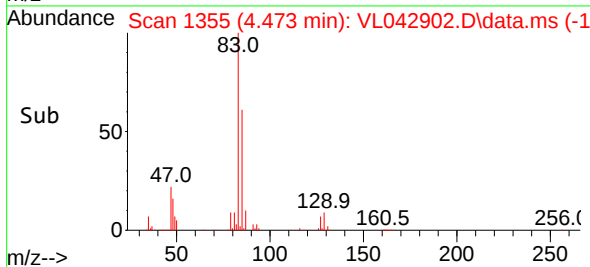
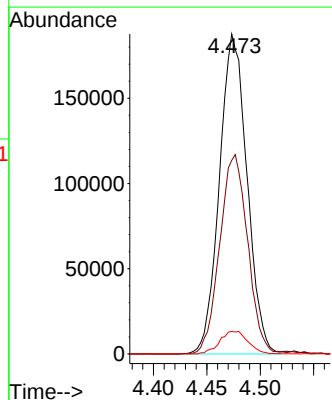
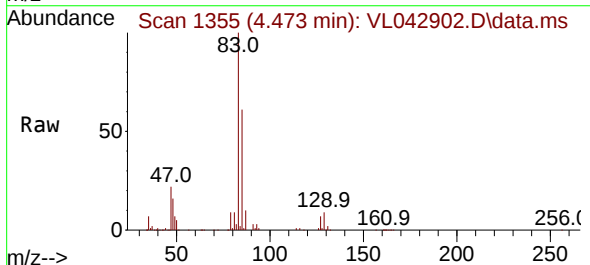
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

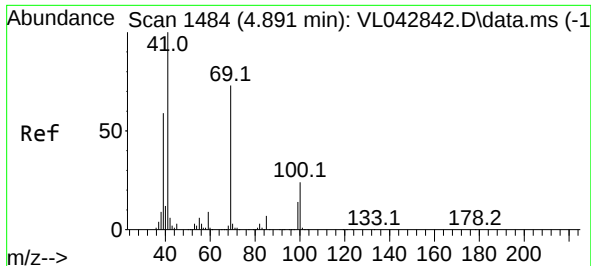
Tgt Ion: 42 Resp: 164268
Ion Ratio Lower Upper
42 100
72 38.6 32.6 48.8
71 36.0 30.0 45.0



#42
Bromodichloromethane
Concen: 12.351 ppbv
RT: 4.473 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 83 Resp: 336858
Ion Ratio Lower Upper
83 100
85 60.5 49.8 74.8
127 7.0 5.8 8.6





#43

Methyl Methacrylate

Concen: 10.979 ppbv

RT: 4.862 min Scan# 1484

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

VL0908ABS01

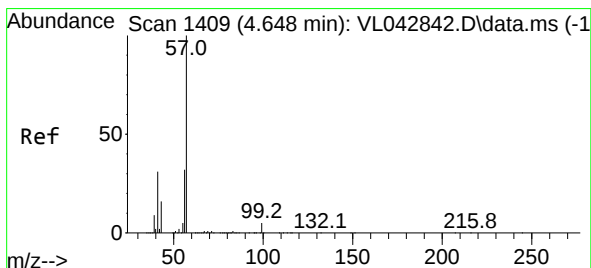
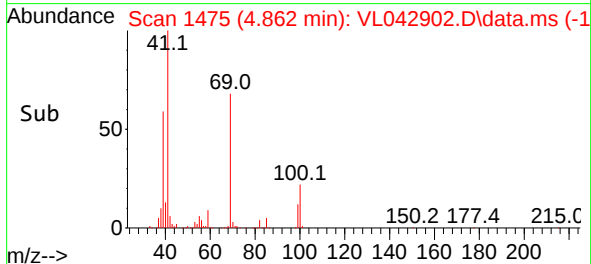
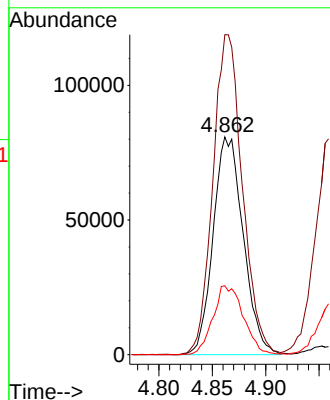
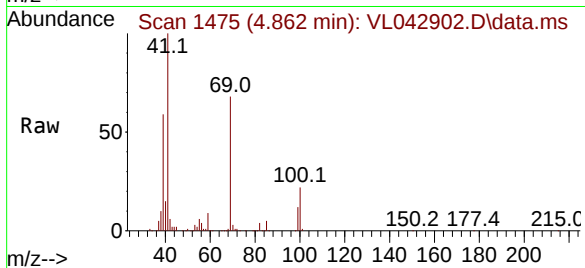
Tgt Ion: 69 Resp: 158457

Ion Ratio Lower Upper

69 100

41 143.9 114.6 172.0

100 32.1 30.2 45.4



#44

2,2,4-Trimethylpentane

Concen: 11.797 ppbv

RT: 4.625 min Scan# 1402

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

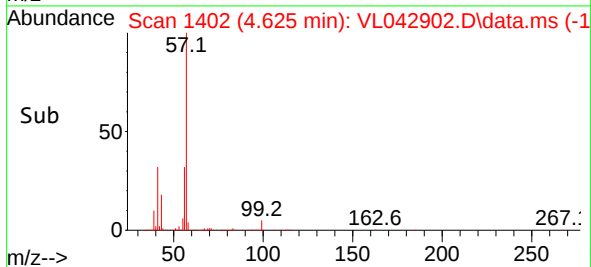
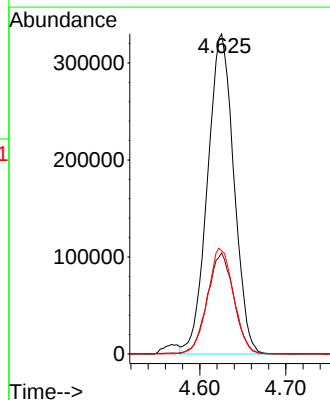
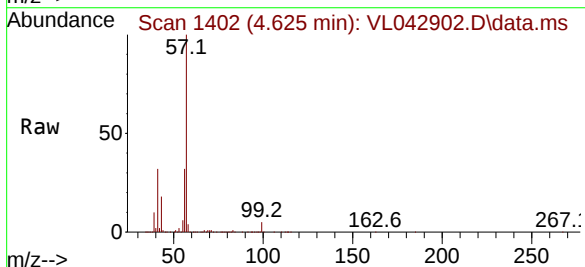
Tgt Ion: 57 Resp: 701486

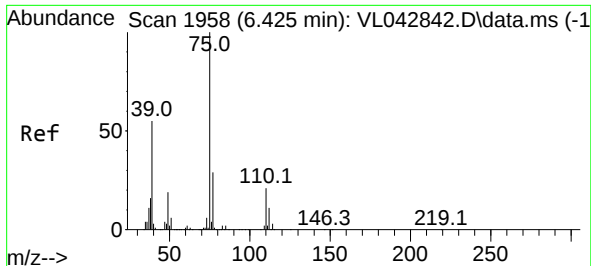
Ion Ratio Lower Upper

57 100

41 31.8 24.8 37.2

56 32.7 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.403 ppbv

RT: 6.399 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

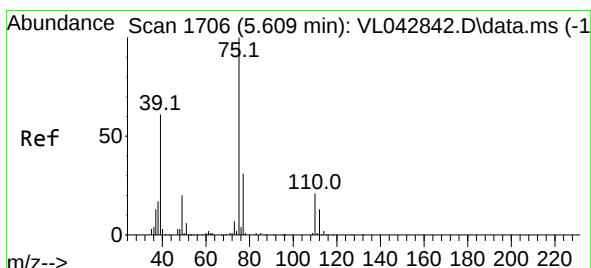
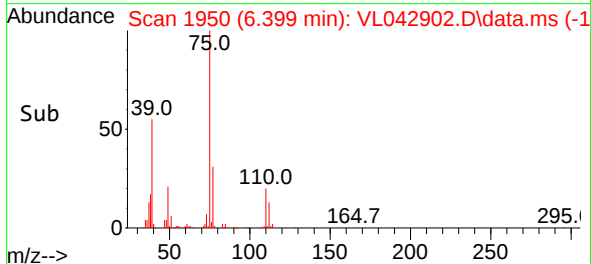
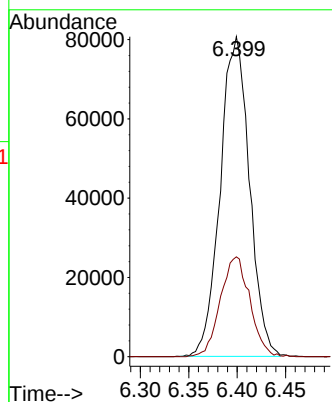
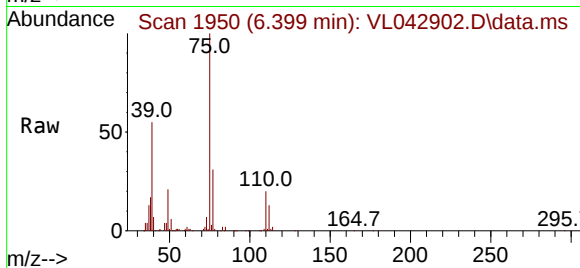
VL0908ABS01

Tgt Ion: 75 Resp: 169435

Ion Ratio Lower Upper

75 100

77 31.2 23.8 35.6



#46

cis-1,3-Dichloropropene

Concen: 11.031 ppbv

RT: 5.583 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

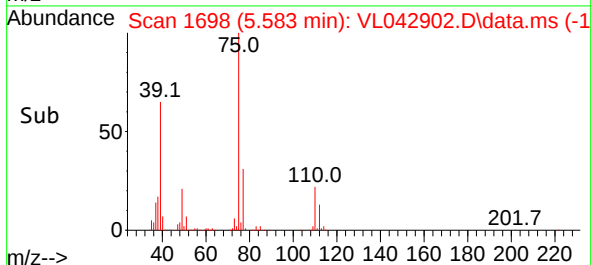
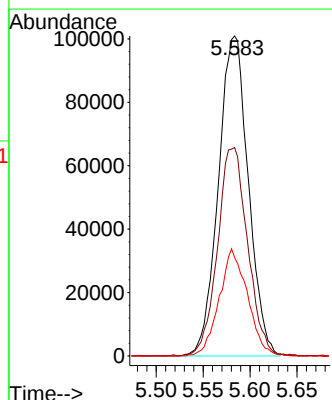
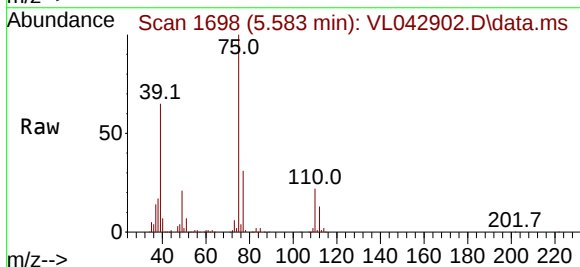
Tgt Ion: 75 Resp: 223871

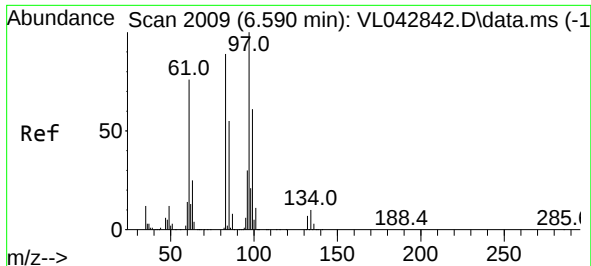
Ion Ratio Lower Upper

75 100

39 65.0 48.9 73.3

77 30.8 24.9 37.3

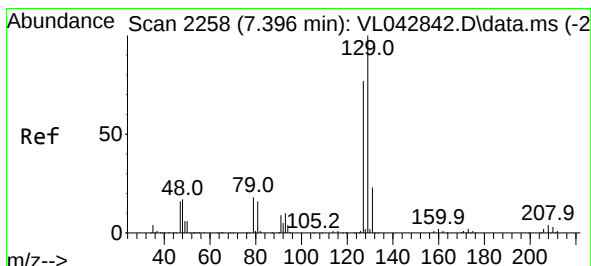
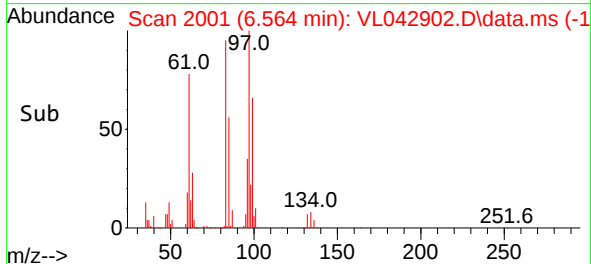
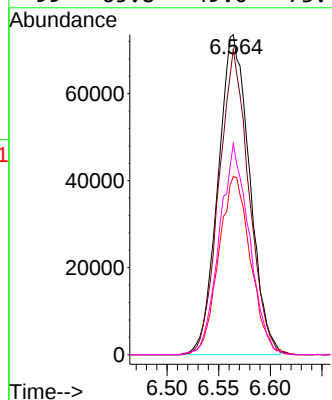
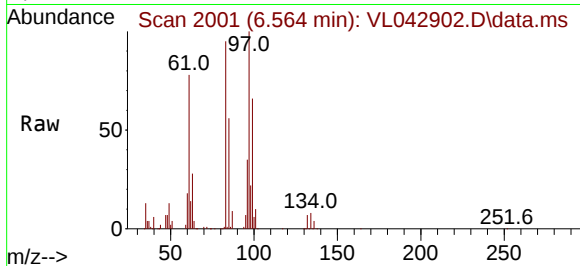




#47
1,1,2-Trichloroethane
Concen: 11.541 ppbv
RT: 6.564 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

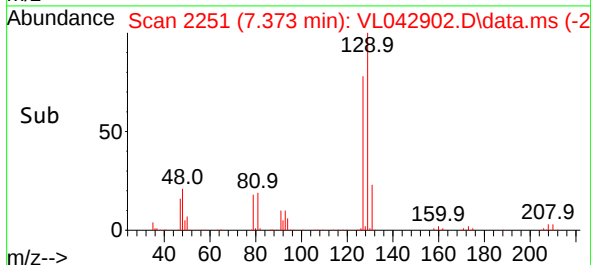
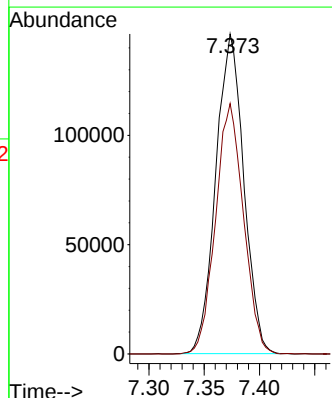
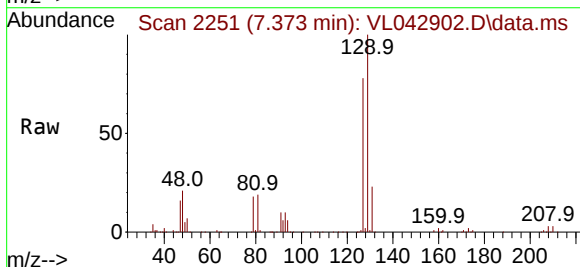
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

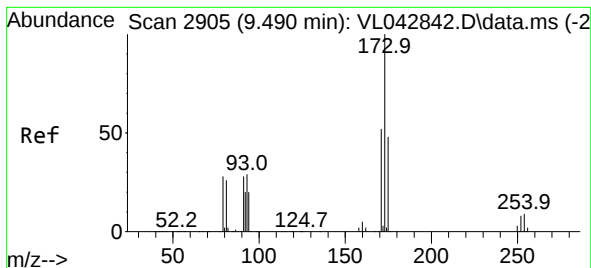
Tgt Ion: 97	Resp: 156460
Ion Ratio	Lower Upper
97 100	
83 95.5	71.0 106.4
85 55.6	43.6 65.4
99 65.8	49.0 73.4



#48
Dibromochloromethane
Concen: 11.712 ppbv
RT: 7.373 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:129	Resp: 256923
Ion Ratio	Lower Upper
129 100	
127 78.3	39.4 118.2





#49

Bromoform

Concen: 11.222 ppbv

RT: 9.474 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

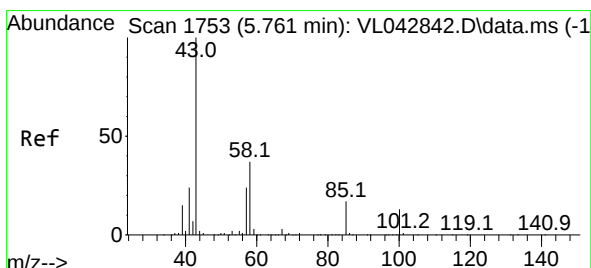
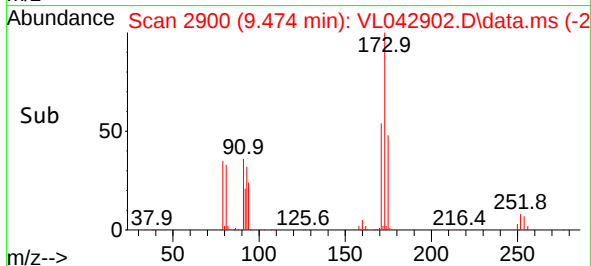
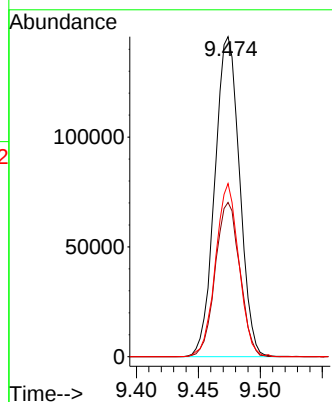
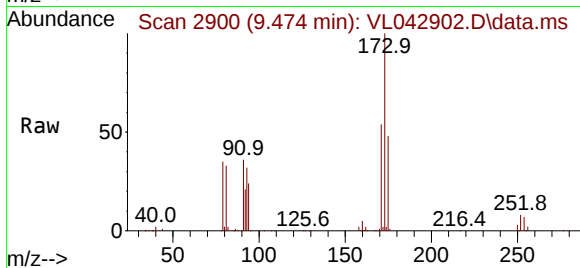
Tgt Ion:173 Resp: 203018

Ion Ratio Lower Upper

173 100

175 47.9 39.2 58.8

171 51.1 41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 11.688 ppbv

RT: 5.732 min Scan# 1744

Delta R.T. 0.003 min

Lab File: VL042902.D

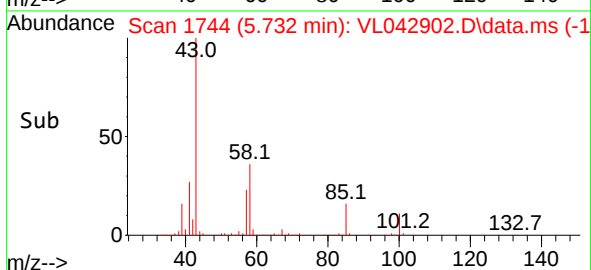
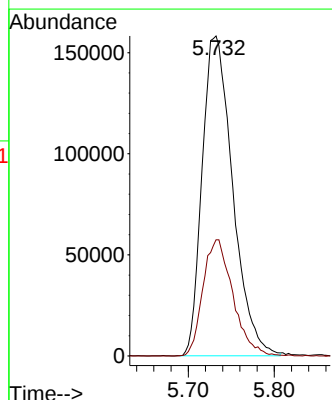
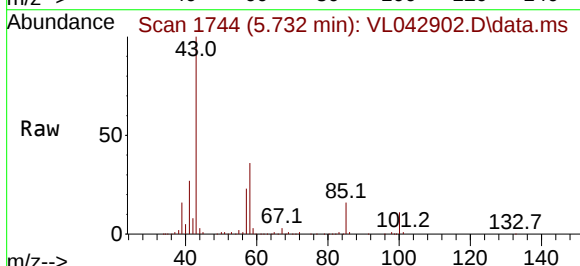
Acq: 08 Sep 2025 13:35

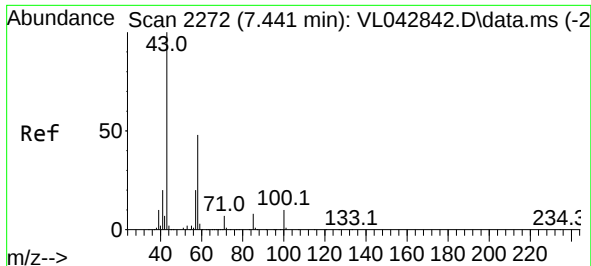
Tgt Ion: 43 Resp: 390291

Ion Ratio Lower Upper

43 100

58 35.7 29.8 44.8

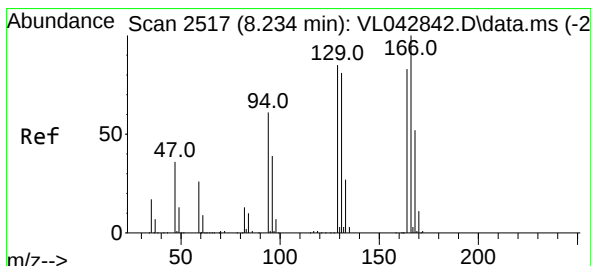
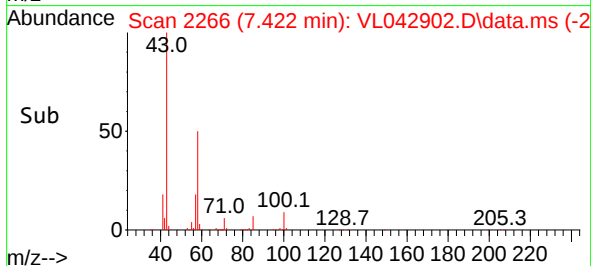
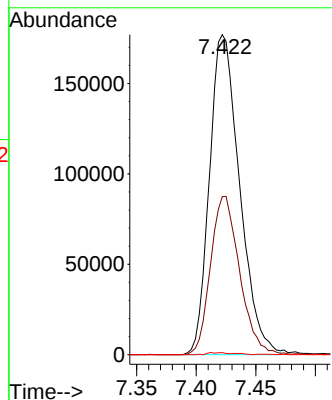
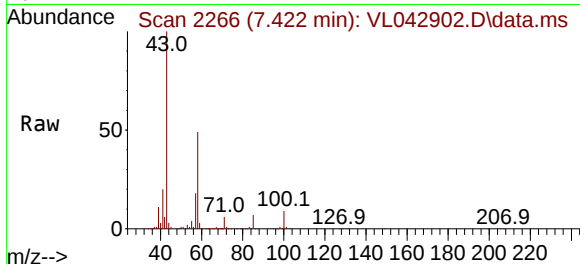




#51
2-Hexanone
Concen: 11.858 ppbv
RT: 7.422 min Scan# 211589
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

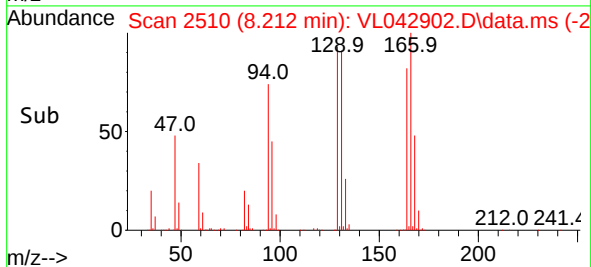
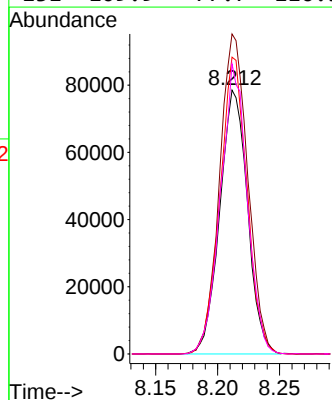
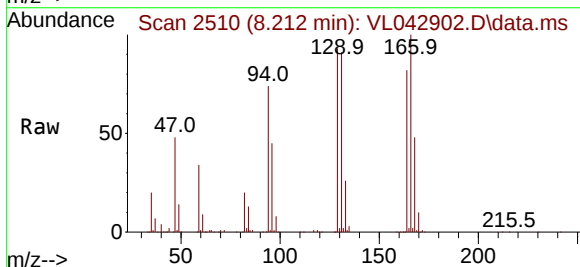
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

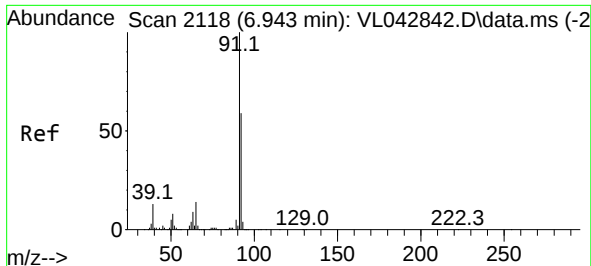
Tgt Ion: 43 Resp: 311589
Ion Ratio Lower Upper
43 100
58 47.8 41.0 61.6
98 0.6 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.644 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:164 Resp: 122229
Ion Ratio Lower Upper
164 100
166 121.3 96.5 144.7
129 112.5 81.8 122.6
131 109.9 77.7 116.5

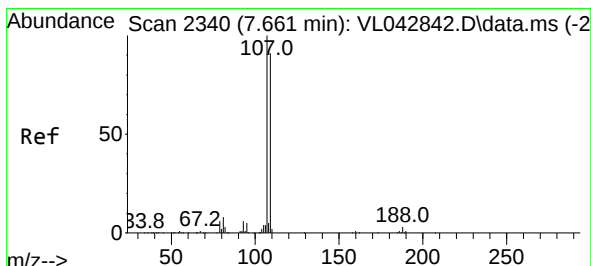
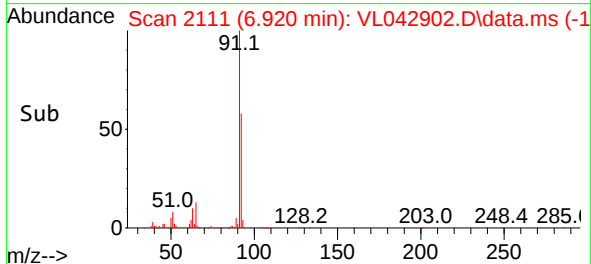
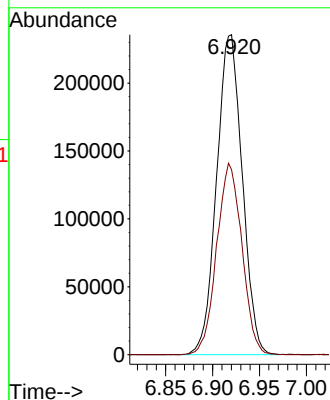
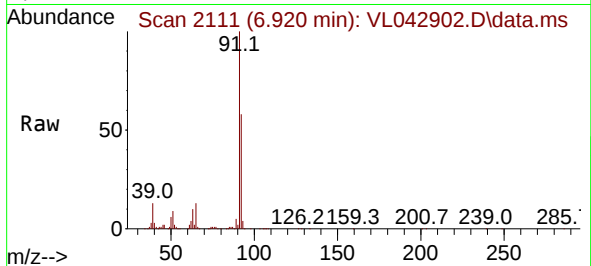




#53
Toluene
Concen: 10.752 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

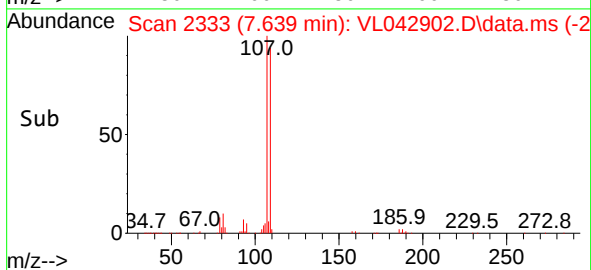
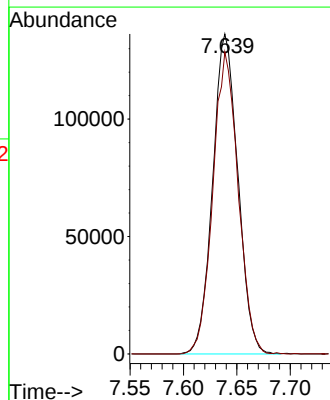
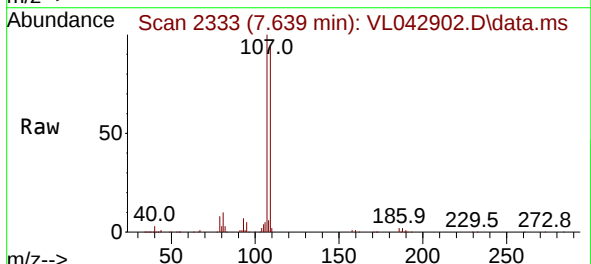
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

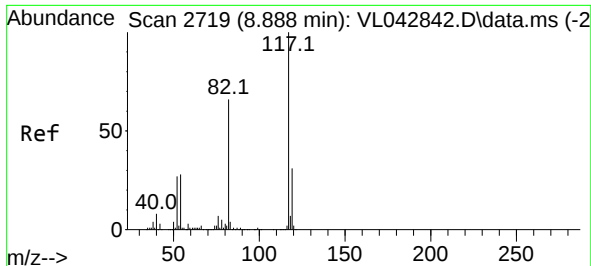
Tgt Ion: 91 Resp: 447844
Ion Ratio Lower Upper
91 100
92 58.9 47.8 71.6



#54
1,2-Dibromoethane
Concen: 11.277 ppbv
RT: 7.639 min Scan# 2333
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 107 Resp: 223417
Ion Ratio Lower Upper
107 100
109 94.3 72.5 108.7

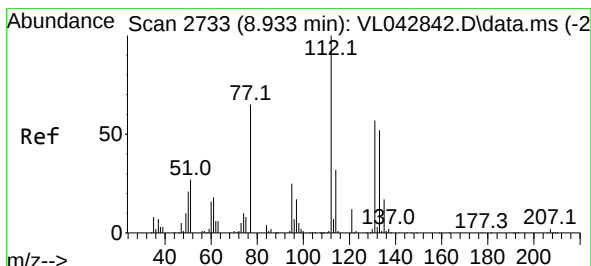
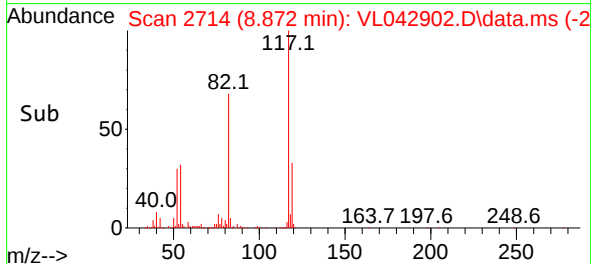
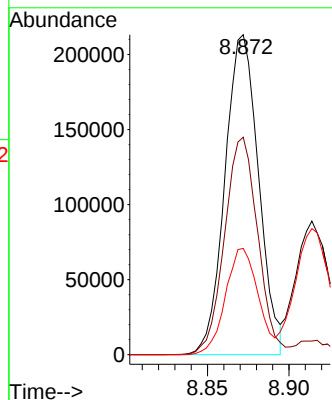
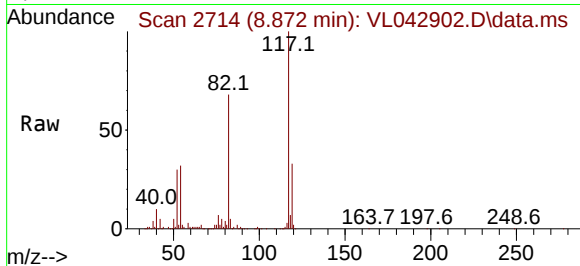




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

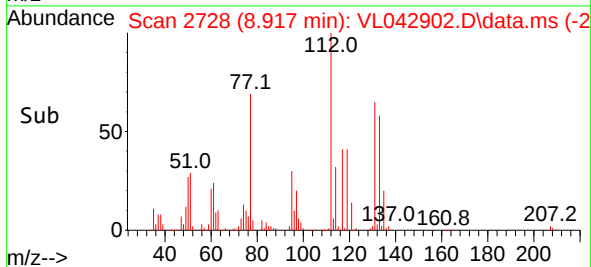
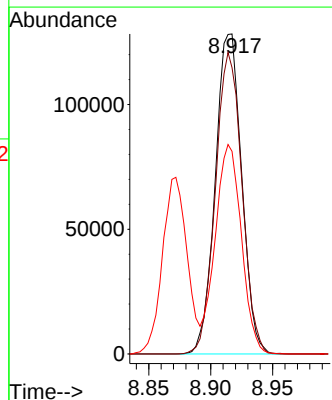
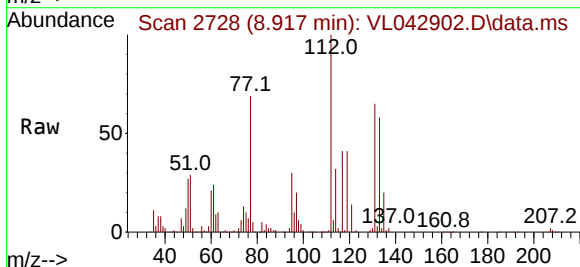
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

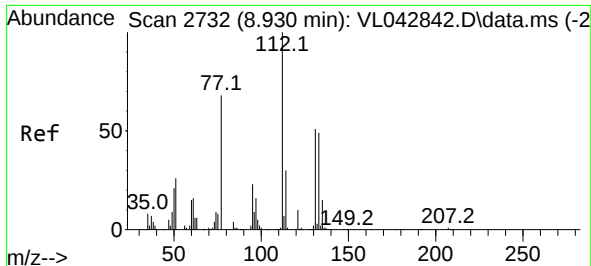
Tgt Ion:117 Resp: 306385
Ion Ratio Lower Upper
117 100
82 71.5 54.6 81.8
119 32.3 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 12.050 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:131 Resp: 190922
Ion Ratio Lower Upper
131 100
133 94.5 77.4 116.0
119 64.9 51.2 76.8

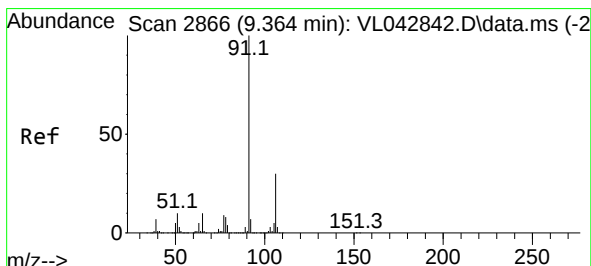
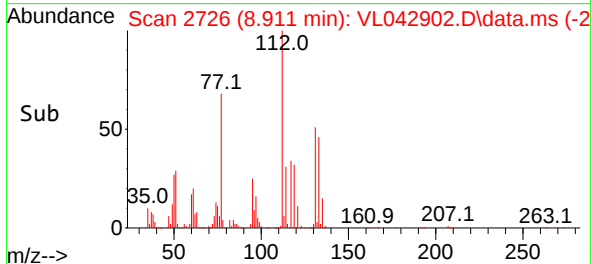
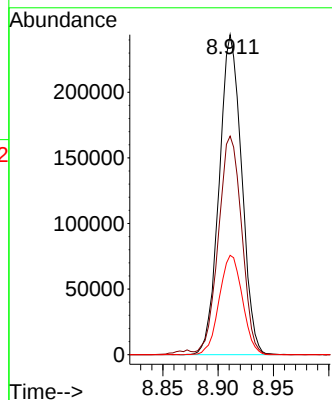
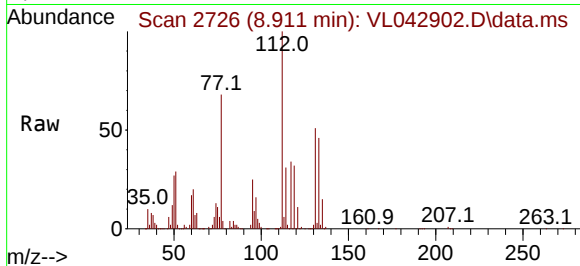




#57
Chlorobenzene
Concen: 11.855 ppbv
RT: 8.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

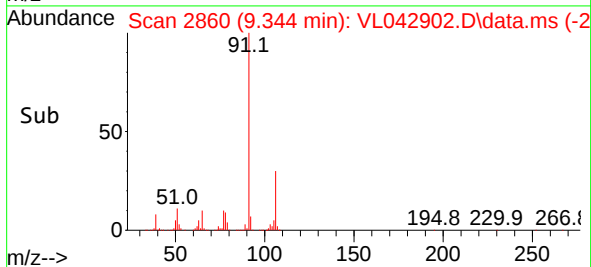
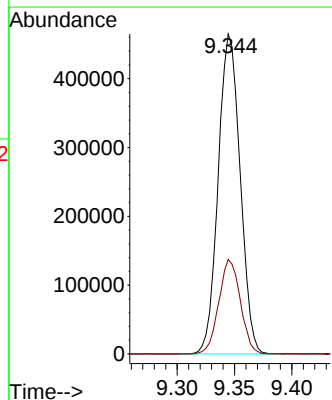
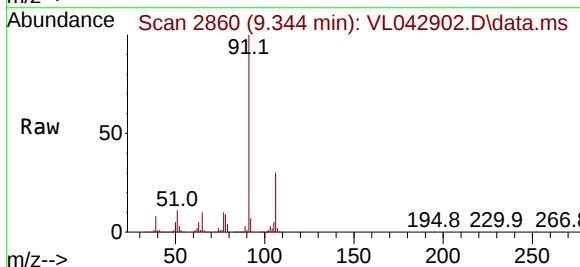
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

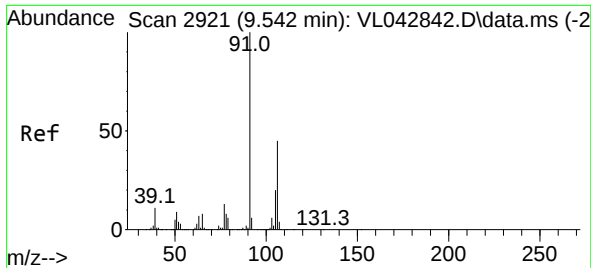
Tgt Ion:112 Resp: 345342
Ion Ratio Lower Upper
112 100
77 68.3 55.5 83.3
114 31.0 27.2 33.2



#58
Ethyl Benzene
Concen: 11.442 ppbv
RT: 9.344 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 91 Resp: 618650
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9

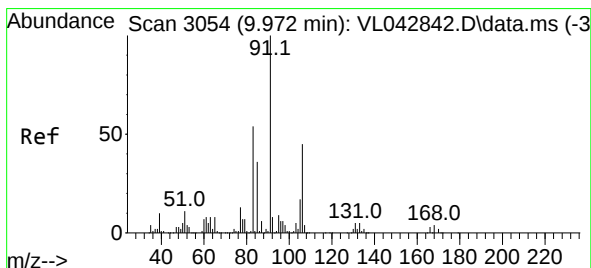
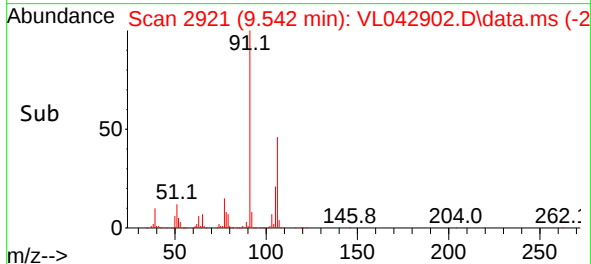
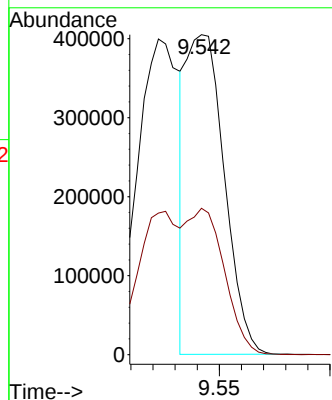
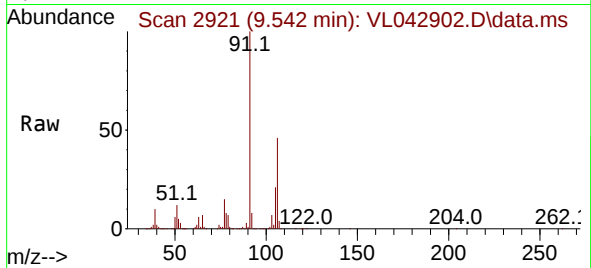




#59
m/p-Xylene
Concen: 11.407 ppbv
RT: 9.542 min Scan# 2921
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

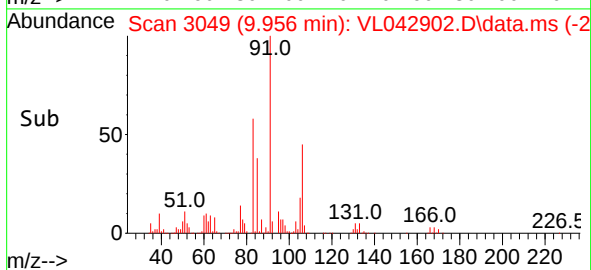
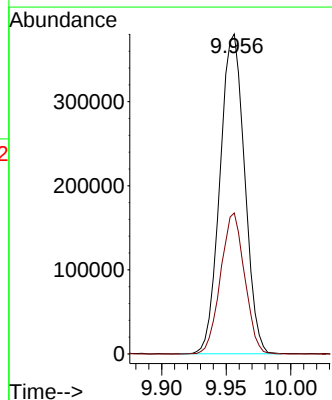
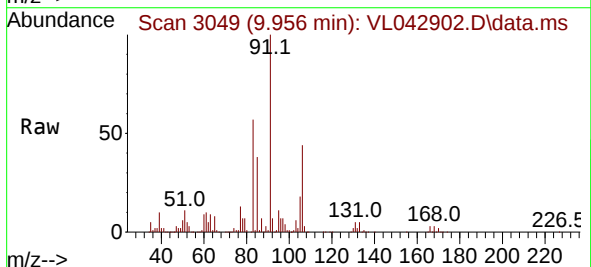
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

Tgt Ion: 91 Resp: 483410
Ion Ratio Lower Upper
91 100
106 95.0 0.0 0.0#



#60
o-Xylene
Concen: 11.844 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 91 Resp: 504922
Ion Ratio Lower Upper
91 100
106 43.0 21.8 65.4

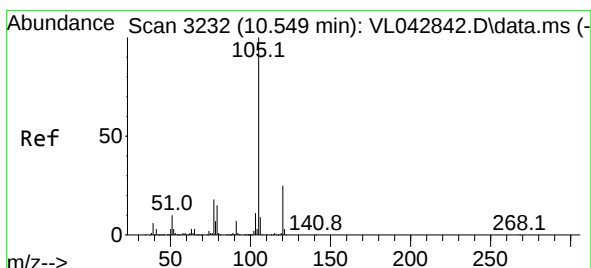
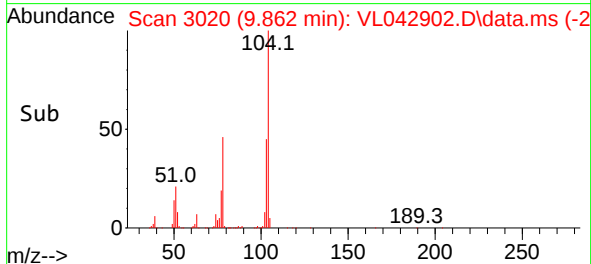
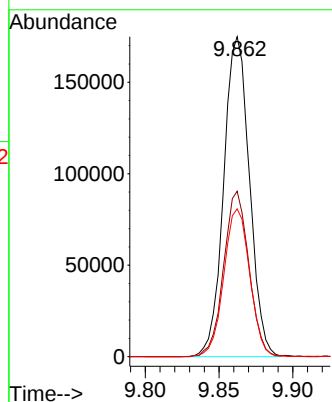
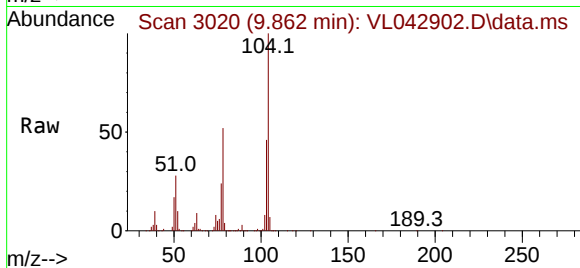




#61
Styrene
Concen: 10.644 ppbv
RT: 9.862 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

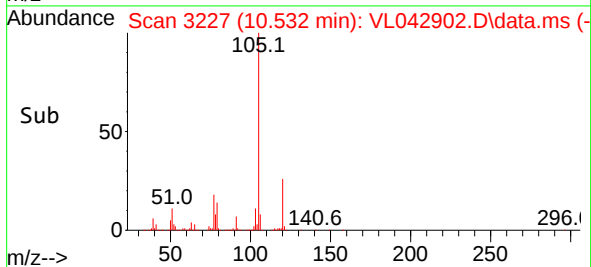
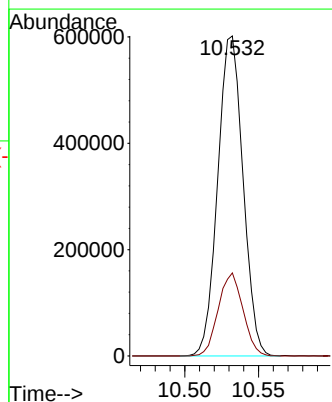
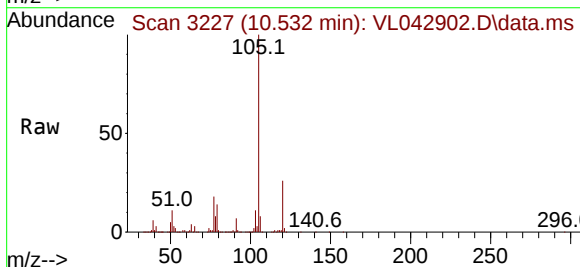
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

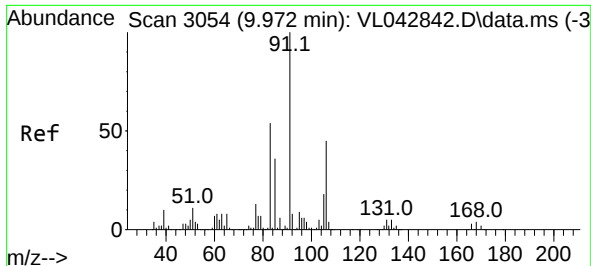
Tgt Ion:104 Resp: 212594
Ion Ratio Lower Upper
104 100
78 50.7 40.6 61.0
103 46.6 37.7 56.5



#62
Isopropylbenzene
Concen: 11.521 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:105 Resp: 717761
Ion Ratio Lower Upper
105 100
120 25.3 20.6 30.8

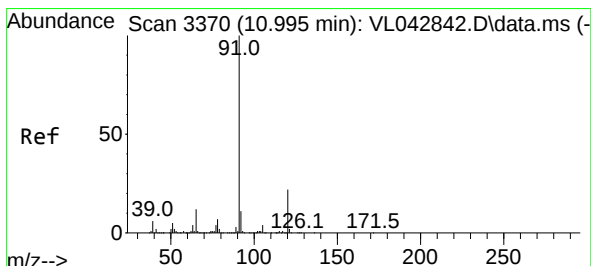
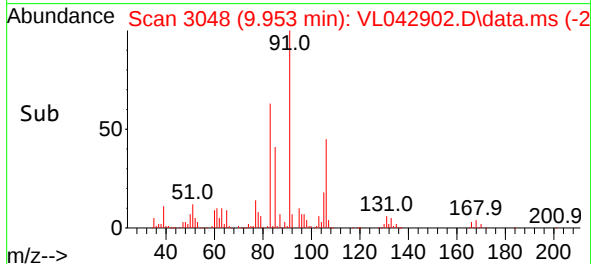
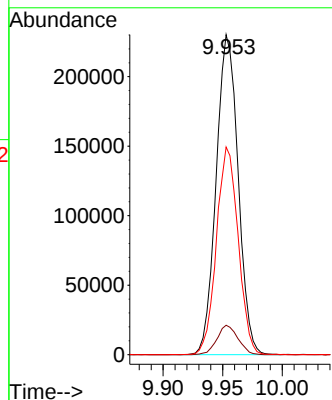
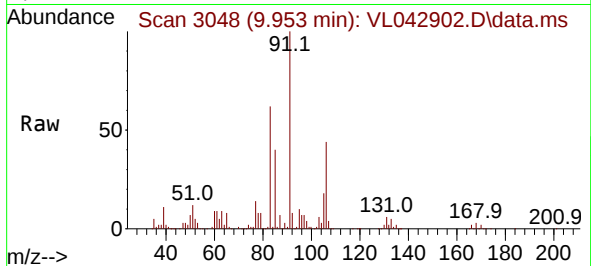




#63
1,1,2,2-Tetrachloroethane
Concen: 12.588 ppbv
RT: 9.953 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

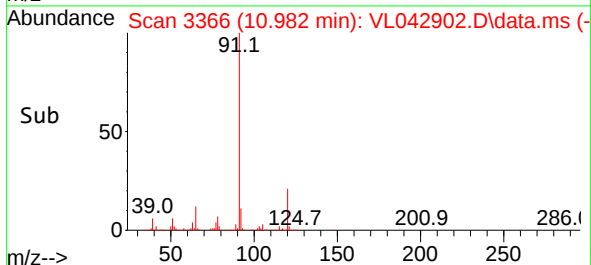
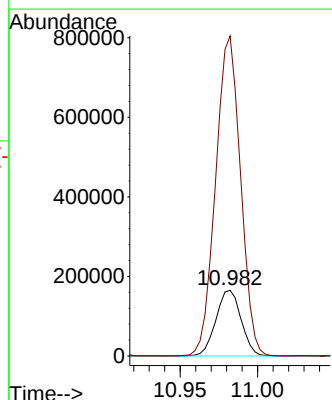
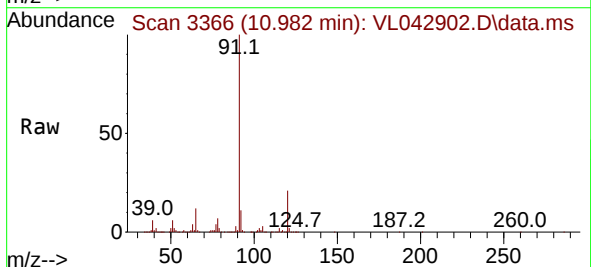
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

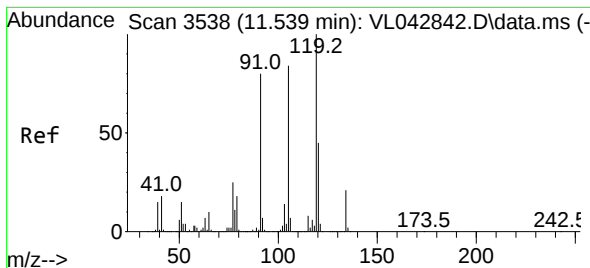
Tgt Ion: 83 Resp: 295111
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 64.3 32.3 96.8



#64
n-propylbenzene
Concen: 11.717 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:120 Resp: 186258
Ion Ratio Lower Upper
120 100
91 484.6 375.8 563.6

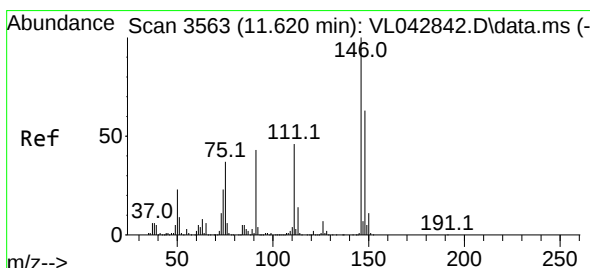
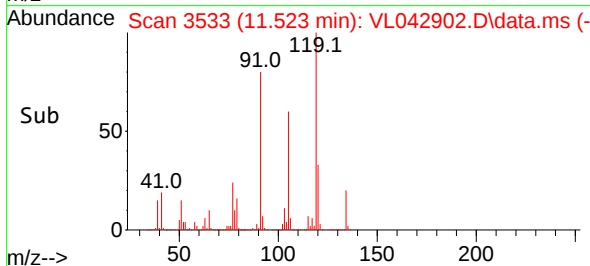
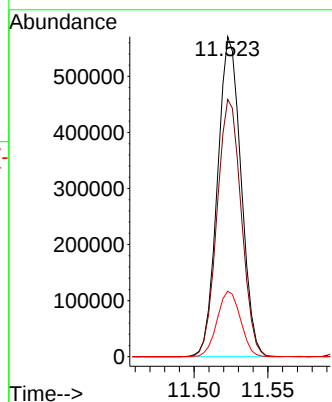
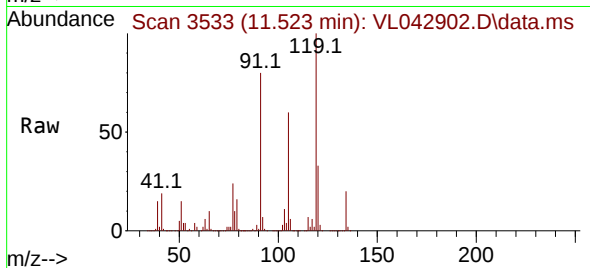




#65
tert-Butylbenzene
Concen: 11.541 ppbv
RT: 11.523 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

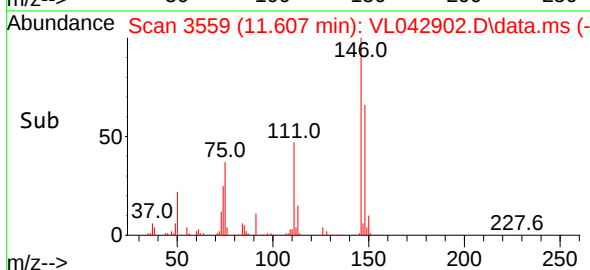
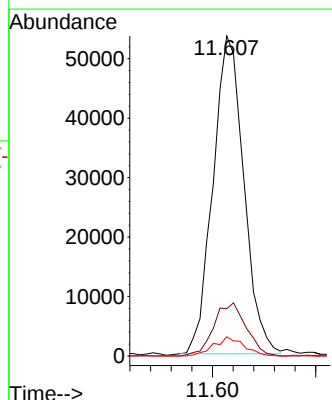
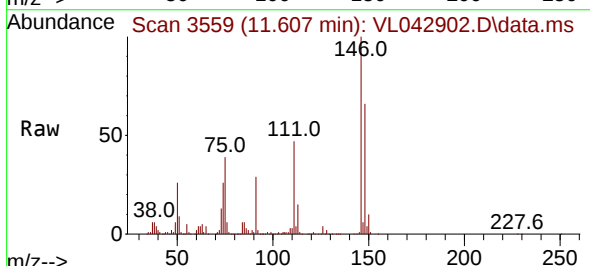
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

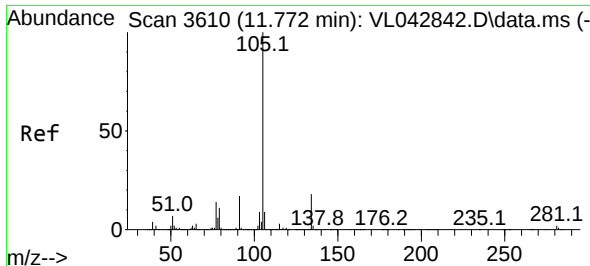
Tgt Ion:119 Resp: 633844
Ion Ratio Lower Upper
119 100
91 82.5 63.9 95.9
134 20.3 17.0 25.4



#66
Benzyl Chloride
Concen: 7.954 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 91 Resp: 55458
Ion Ratio Lower Upper
91 100
126 17.6 14.2 21.4
128 5.9 5.0 7.6

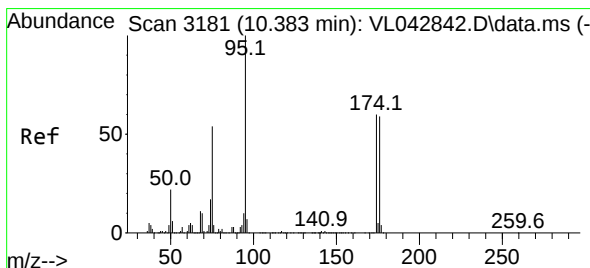
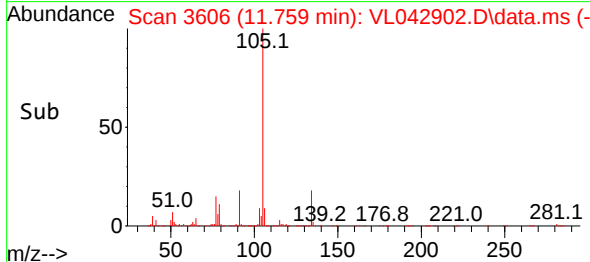
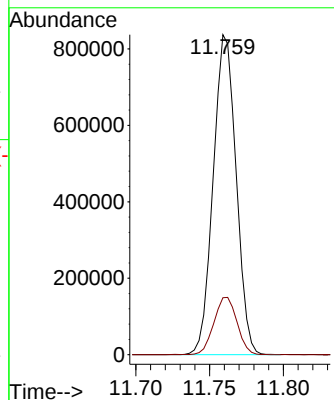
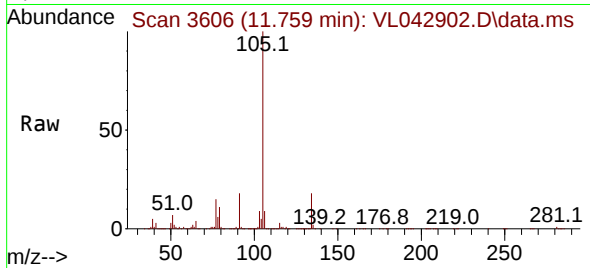




#67
 sec-Butylbenzene
 Concen: 11.739 ppbv
 RT: 11.759 min Scan# 3176
 Delta R.T. -0.000 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

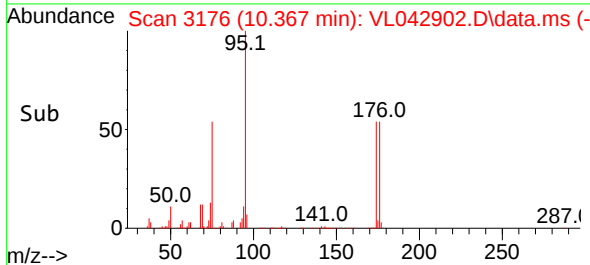
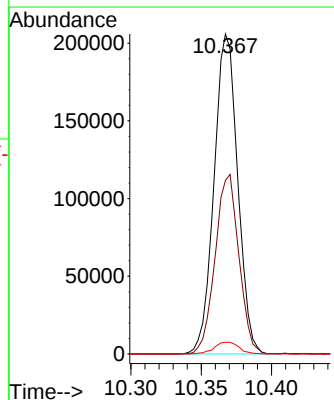
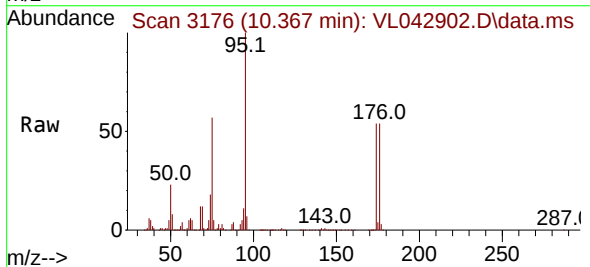
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABS01

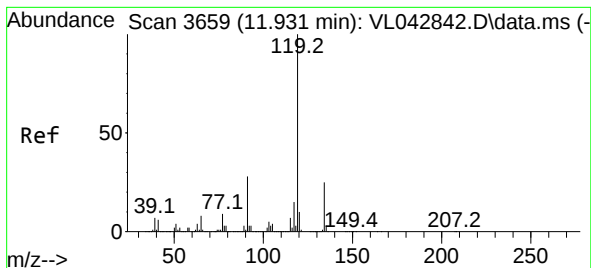
Tgt Ion:105 Resp: 904977
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.481 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. 0.003 min
 Lab File: VL042902.D
 Acq: 08 Sep 2025 13:35

Tgt Ion: 95 Resp: 240840
 Ion Ratio Lower Upper
 95 100
 174 56.6 48.4 72.6
 175 3.8 3.8 5.8





#69

p-Isopropyltoluene

Concen: 11.229 ppbv

RT: 11.918 min Scan# 3

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

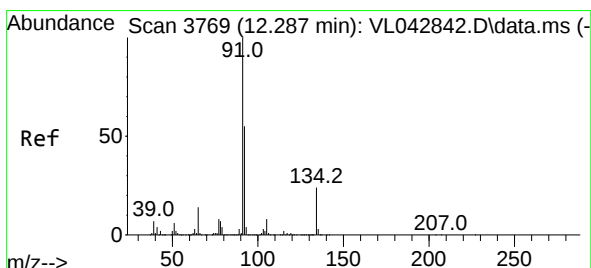
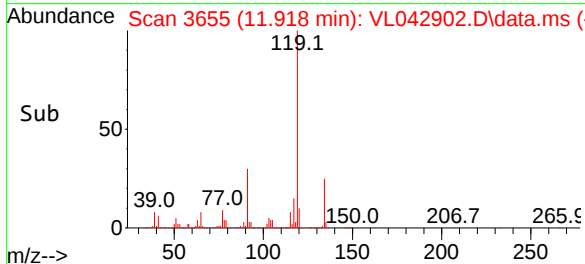
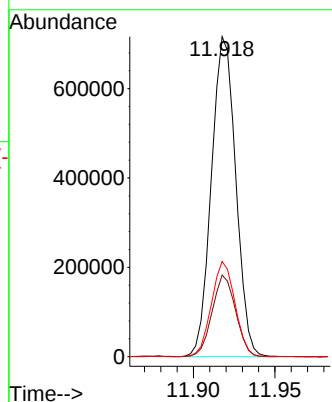
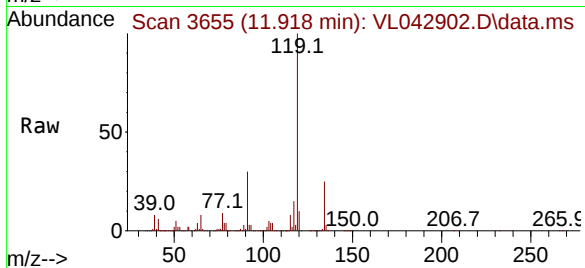
Tgt Ion:119 Resp: 743217

Ion Ratio Lower Upper

119 100

134 24.6 20.6 30.8

91 28.9 22.6 34.0



#70

n-Butylbenzene

Concen: 12.084 ppbv

RT: 12.274 min Scan# 3765

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

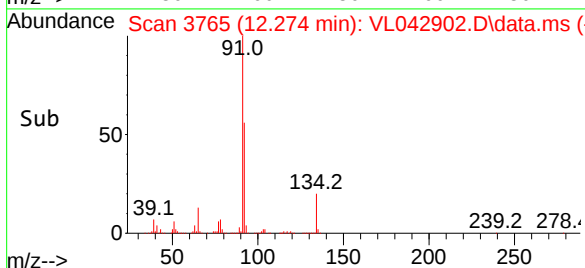
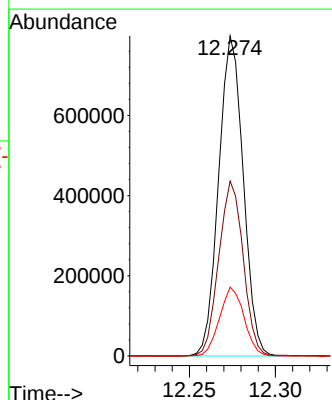
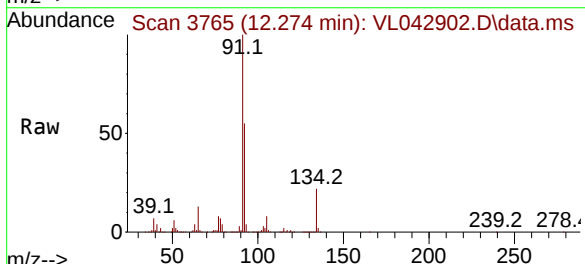
Tgt Ion: 91 Resp: 793205

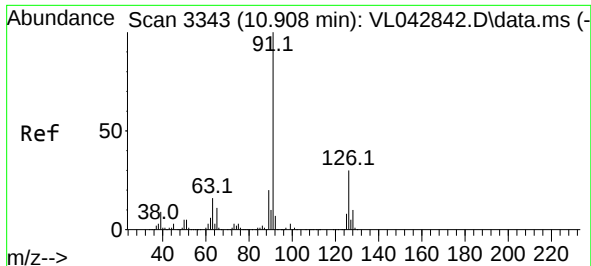
Ion Ratio Lower Upper

91 100

92 54.3 44.6 66.8

134 21.4 19.0 28.4

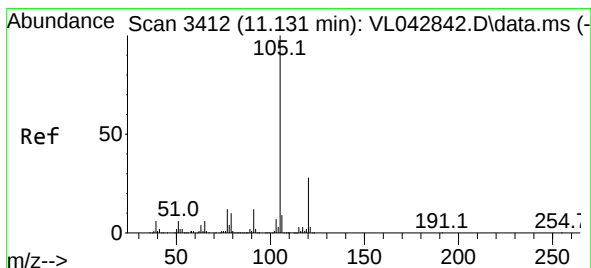
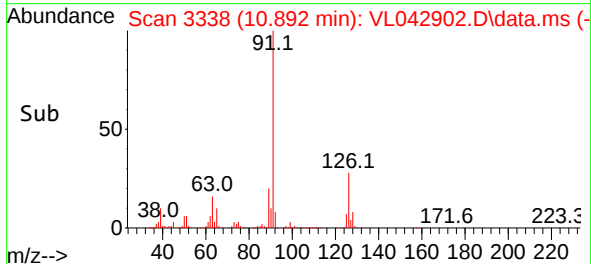
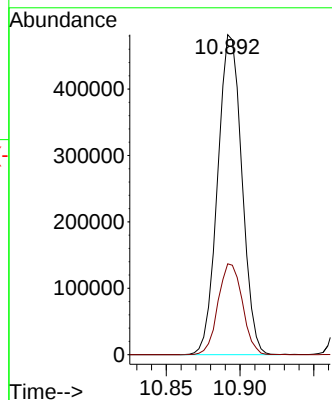
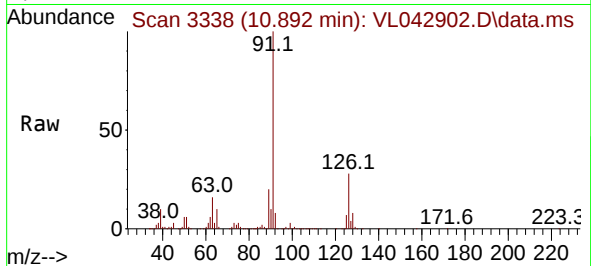




#71
2-Chlorotoluene
Concen: 11.398 ppbv
RT: 10.892 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

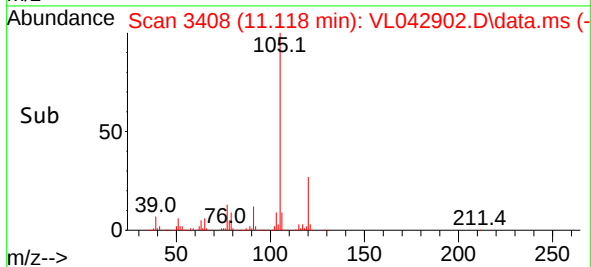
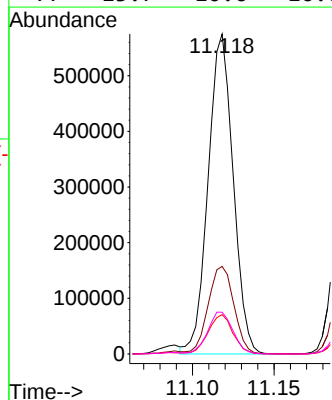
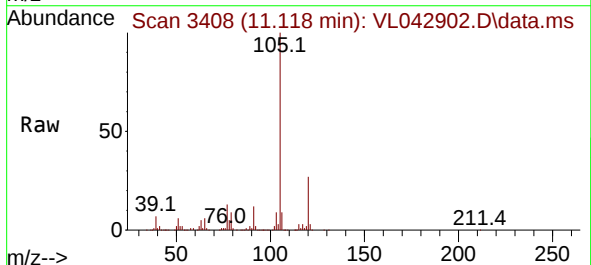
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

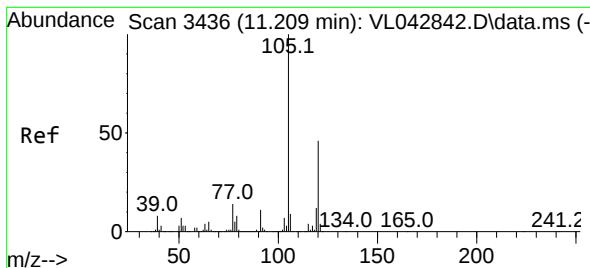
Tgt Ion: 91 Resp: 551398
Ion Ratio Lower Upper
91 100
126 28.5 12.0 47.8



#72
4-Ethyltoluene
Concen: 11.871 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion: 105 Resp: 613510
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.2
91 12.5 9.8 14.6
77 13.7 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 11.496 ppbv

RT: 11.196 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

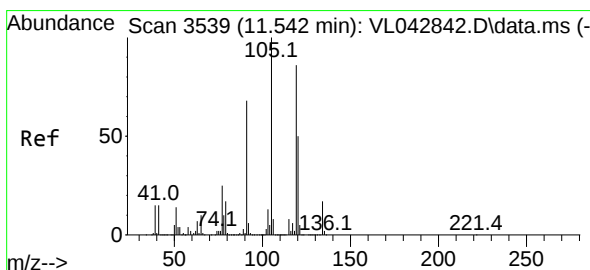
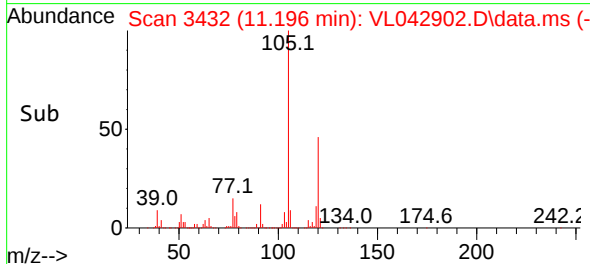
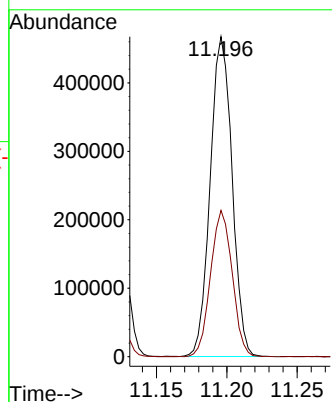
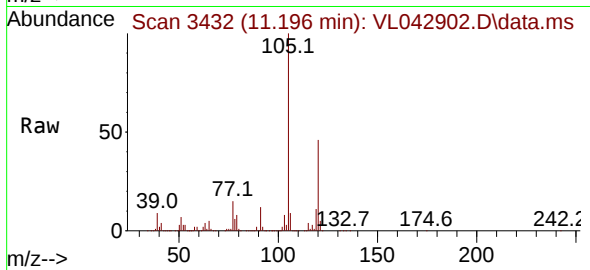
VL0908ABS01

Tgt Ion:105 Resp: 505222

Ion Ratio Lower Upper

105 100

120 45.7 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 11.668 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Tgt Ion:105 Resp: 562868

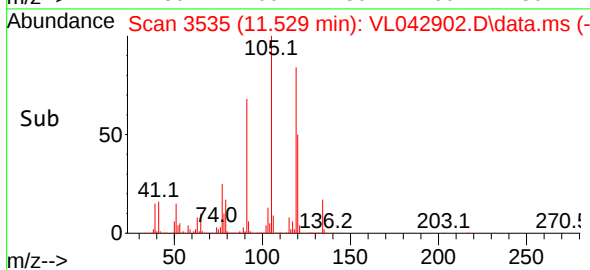
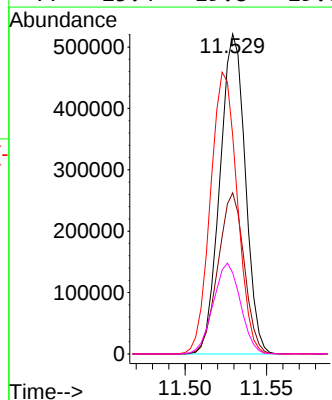
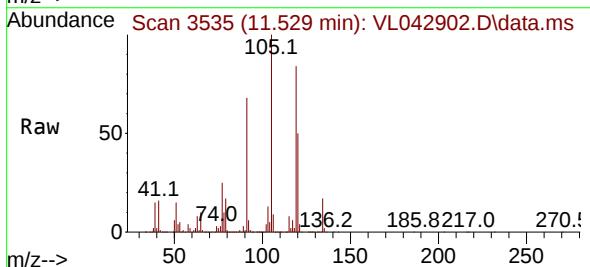
Ion Ratio Lower Upper

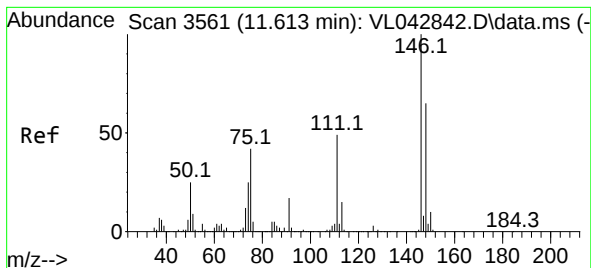
105 100

120 50.3 39.8 59.6

91 68.3 54.2 81.4

77 25.4 19.8 29.6





#75

1,3-Dichlorobenzene

Concen: 11.778 ppbv

RT: 11.600 min Scan# 3557

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

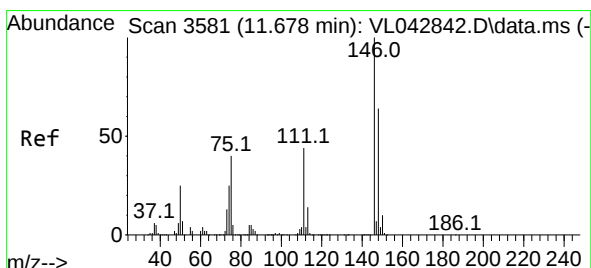
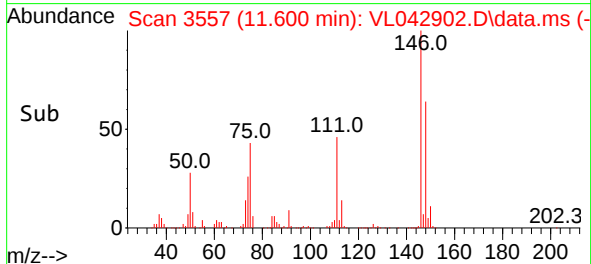
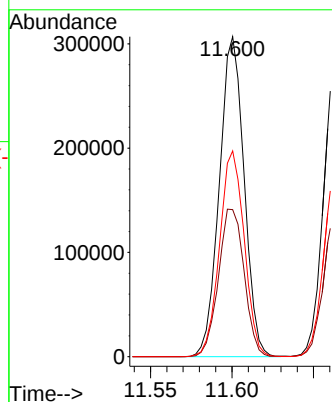
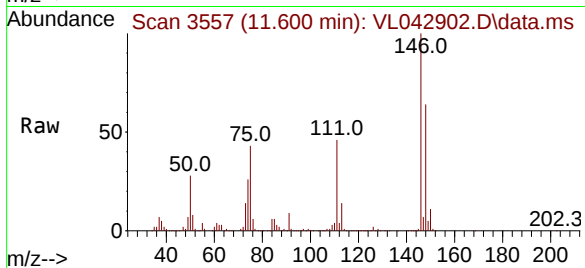
Tgt Ion:146 Resp: 322979

Ion Ratio Lower Upper

146 100

111 48.0 23.9 71.7

148 64.2 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 11.563 ppbv

RT: 11.665 min Scan# 3577

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

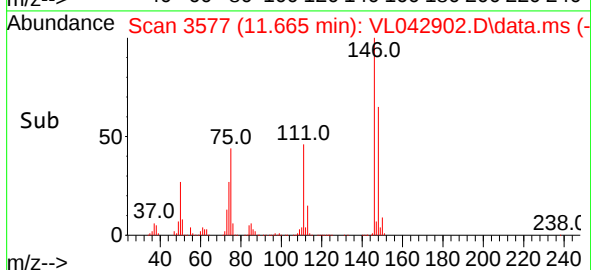
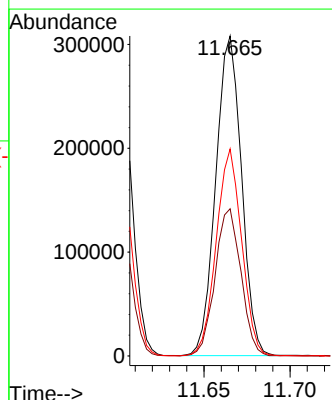
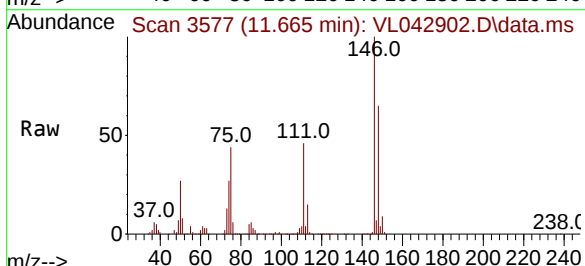
Tgt Ion:146 Resp: 320689

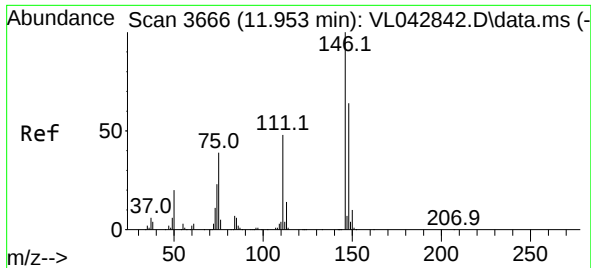
Ion Ratio Lower Upper

146 100

111 46.3 22.7 68.1

148 64.1 31.8 95.3

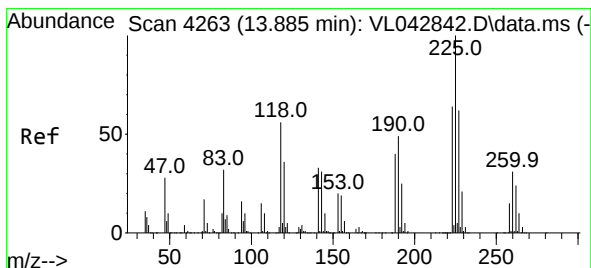
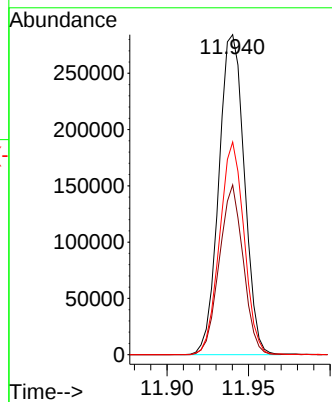
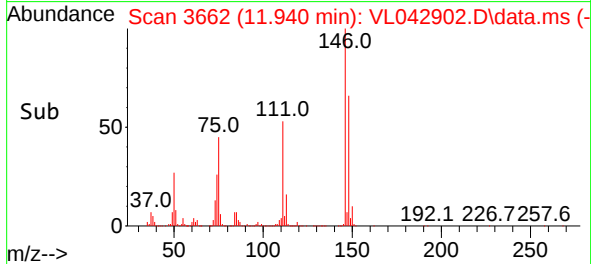
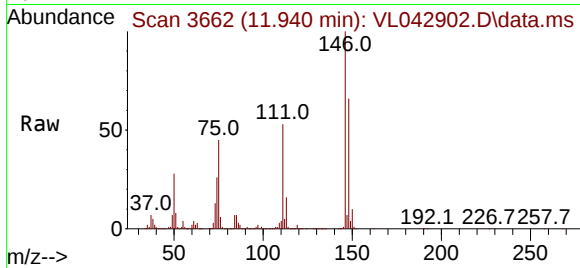




#77
1,2-Dichlorobenzene
Concen: 11.524 ppbv
RT: 11.940 min Scan# 309433
Delta R.T. -0.000 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

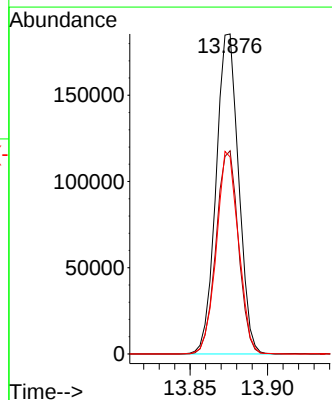
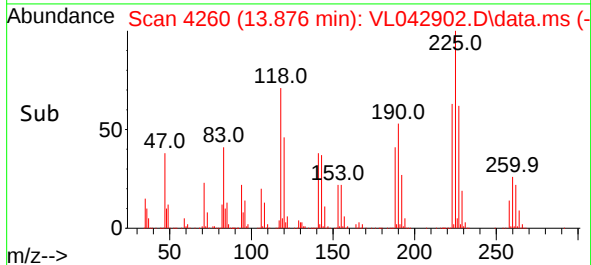
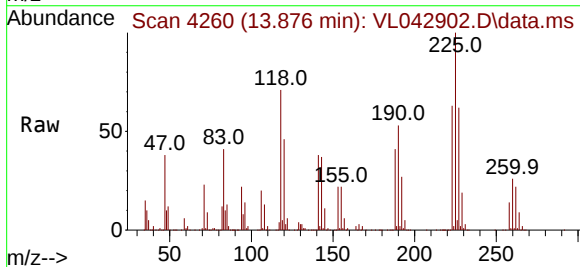
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABS01

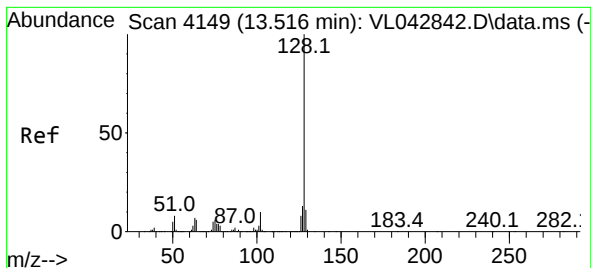
Tgt Ion:146 Resp: 309433
Ion Ratio Lower Upper
146 100
111 49.7 24.6 74.0
148 63.7 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.542 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. 0.003 min
Lab File: VL042902.D
Acq: 08 Sep 2025 13:35

Tgt Ion:225 Resp: 187990
Ion Ratio Lower Upper
225 100
223 63.0 51.4 77.2
227 62.1 51.9 77.9





#79

Naphthalene

Concen: 10.914 ppbv

RT: 13.507 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01

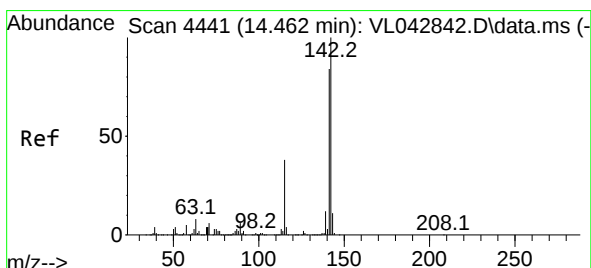
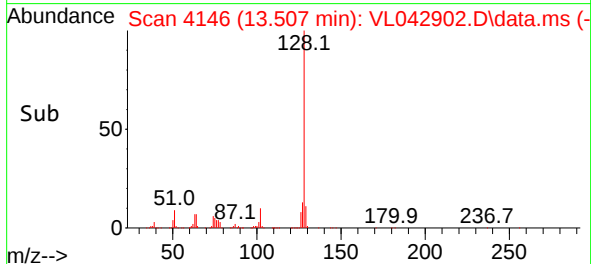
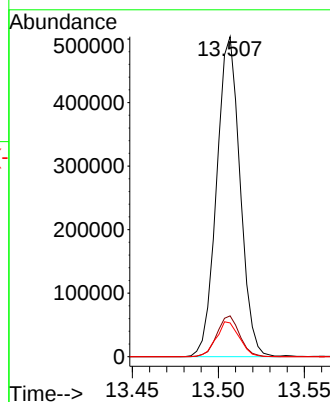
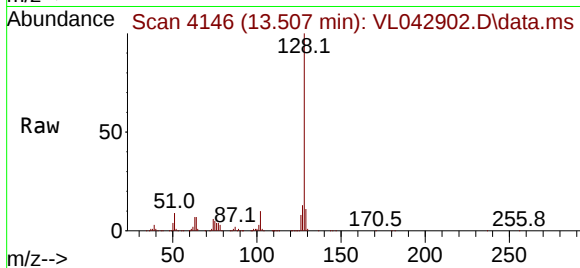
Tgt Ion:128 Resp: 477313

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.6 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 8.713 ppbv

RT: 14.449 min Scan# 4437

Delta R.T. -0.000 min

Lab File: VL042902.D

Acq: 08 Sep 2025 13:35

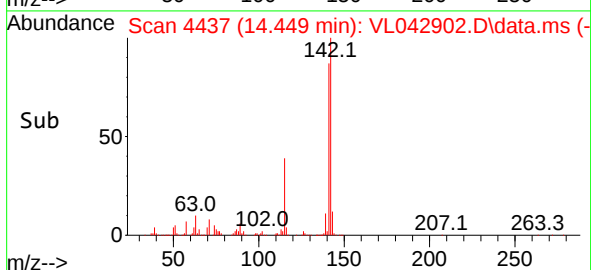
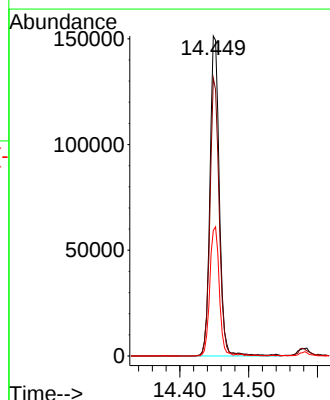
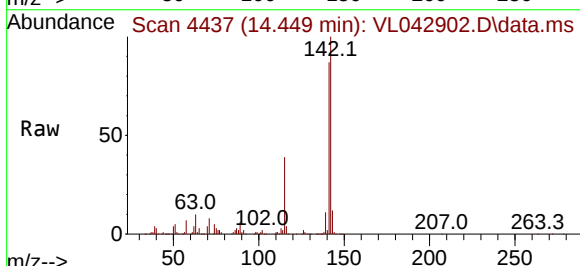
Tgt Ion:142 Resp: 142381

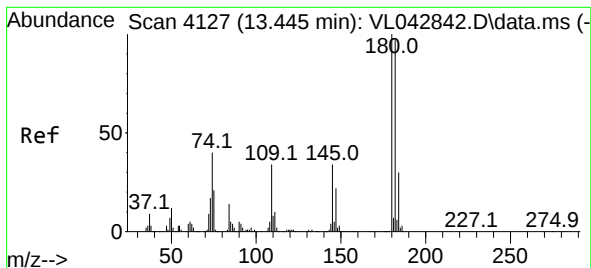
Ion Ratio Lower Upper

142 100

141 85.9 67.0 100.6

115 41.3 30.9 46.3





#81

1,2,4-Trichlorobenzene

Concen: 10.401 ppbv

RT: 13.432 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042902.D

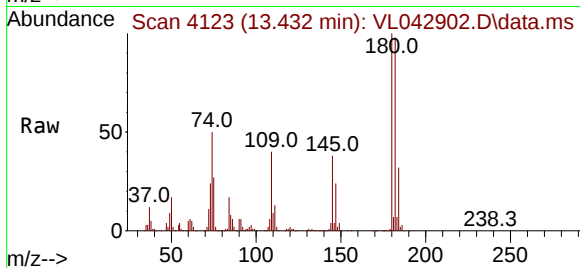
Acq: 08 Sep 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABS01



Tgt Ion:180 Resp: 228630

Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

184 30.0 24.5 36.7

