

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041862.D
 Acq On : 09 Jan 2025 12:53
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 00:16:09 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Jan 10 00:10:04 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	143127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.985	114	429322	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	397287	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.396	95	320213	9.411	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	12809	0.545	ppbv	98
3) Chlorodifluoromethane	1.483	51	13881	0.619	ppbv #	90
4) Chloromethane	1.541	50	4728	0.490	ppbv #	73
5) Vinyl Chloride	1.589	62	4803	0.493	ppbv	95
6) Bromomethane	1.674	94	2791	0.669	ppbv #	78
7) Chloroethane	1.716	64	2059	0.549	ppbv	99
8) Dichlorotetrafluoroethane	1.564	85	10699	0.528	ppbv	100
9) Propene	1.489	41	6731	0.862	ppbv	88
10) Heptane	5.011	43	8926	0.463	ppbv #	16
11) Trichlorofluoromethane	1.887	101	13013	0.545	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.153	101	10592	0.596	ppbv	99
13) Ethanol	1.732	45	907	0.884	ppbv #	56
14) Bromoethene	1.790	108	3822	0.656	ppbv #	86
15) Acetone	1.848	43	15259	0.579	ppbv	99
16) 1,3-Butadiene	1.619	39	7024	0.680	ppbv	96
17) tert-Butyl alcohol	2.056	59	14992	0.657	ppbv #	92
18) 1,1-Dichloroethene	2.046	96	4883	0.656	ppbv #	93
19) Isopropyl Alcohol	1.900	45	7509	0.607	ppbv #	34
20) Methylene Chloride	2.075	84	4849	0.644	ppbv #	84
21) Allyl Chloride	2.107	41	8675	0.639	ppbv #	84
22) trans-1,2-Dichloroethene	2.357	96	5632	0.677	ppbv	89
23) Vinyl Acetate	2.473	43	7040	0.859	ppbv #	87
24) 1,1-Dichloroethane	2.421	63	10611	0.583	ppbv	98
25) Ethyl Acetate	2.855	43	31455	0.712	ppbv	98
26) Hexane	2.845	57	13451	0.877	ppbv	95
27) Carbon Disulfide	2.162	76	12466	0.856	ppbv #	38
28) Methyl tert-Butyl Ether	2.460	73	10251	0.887	ppbv #	62
29) Chloroform	2.865	83	18316	0.643	ppbv	96
30) Cyclohexane	3.884	84	7160	0.616	ppbv #	35
31) cis-1,2-Dichloroethene	2.735	61	13045	0.826	ppbv	97
32) 1,1,1-Trichloroethane	3.389	97	17819	0.690	ppbv	98
34) 2-Butanone	2.577	43	19019	0.562	ppbv	99
35) Carbon Tetrachloride	3.787	117	15737	0.485	ppbv	97
36) Benzene	3.680	78	25621	0.625	ppbv	97
37) 1,2-Dichloroethane	3.237	62	14429	0.535	ppbv #	93
38) Trichloroethene	4.577	130	5766	0.366	ppbv #	82
39) 1,2-Dichloropropane	4.344	63	5652	0.356	ppbv	84
40) 1,4-Dioxane	4.638	88	3986	0.649	ppbv #	98
41) Tetrahydrofuran	3.085	42	11404	0.716	ppbv	97
42) Bromodichloromethane	4.525	83	18000	0.569	ppbv #	93
43) Methyl Methacrylate	4.923	69	7420	0.576	ppbv #	50
44) 2,2,4-Trimethylpentane	4.668	57	40802	0.604	ppbv #	89
45) t-1,3-Dichloropropene	6.451	75	10609	0.844	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 00:16:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

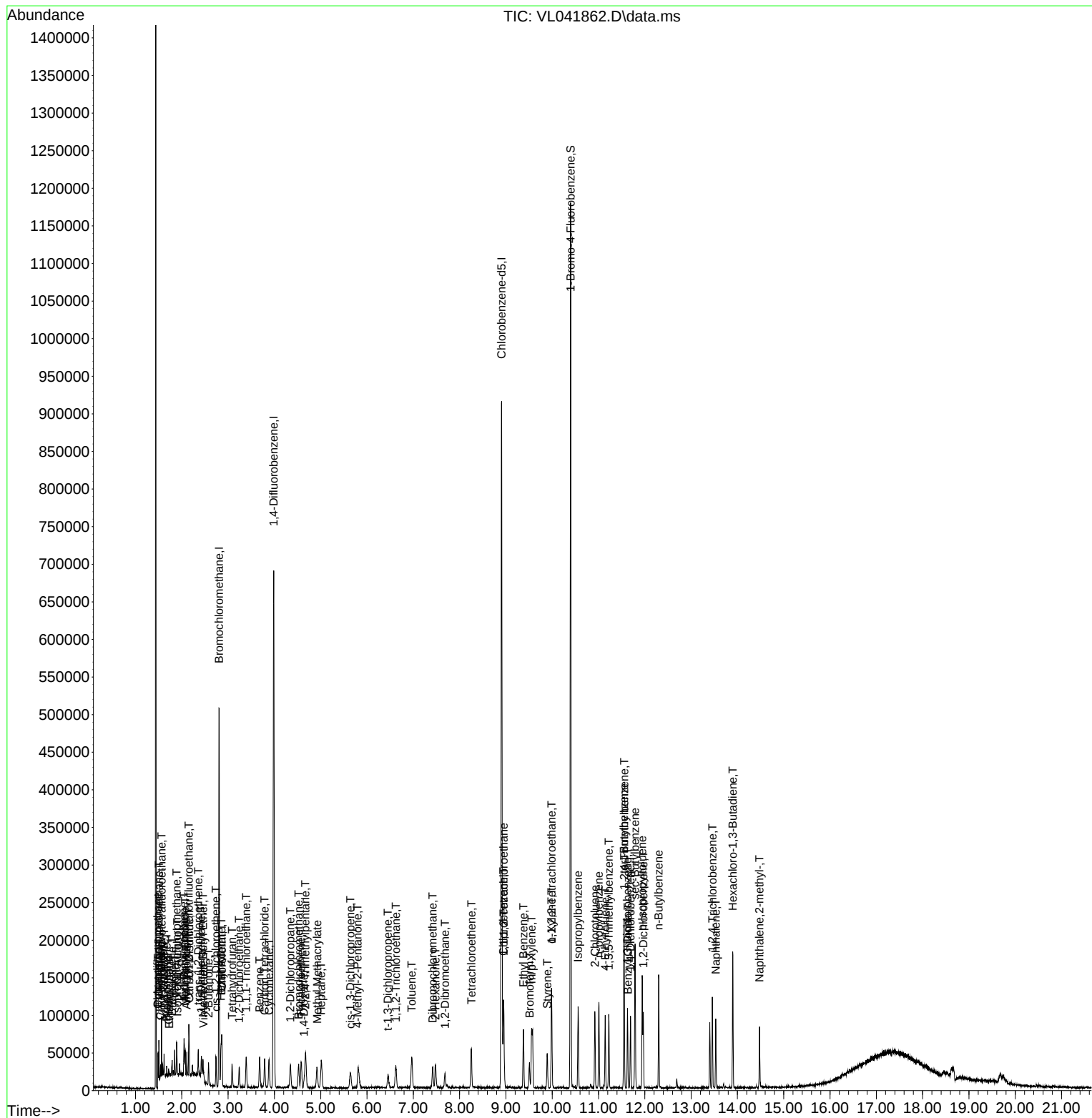
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.642	75	13758	0.831	ppbv	98
47) 1,1,2-Trichloroethane	6.626	97	7651	0.457	ppbv	95
48) Dibromochloromethane	7.419	129	13671	0.640	ppbv	97
49) Bromoform	9.510	173	11202	0.654	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	5841	0.149	ppbv #	38
51) 2-Hexanone	7.480	43	22189	0.750	ppbv #	98
52) Tetrachloroethene	8.254	164	9543	0.785	ppbv	89
53) Toluene	6.966	91	30969	0.848	ppbv	97
54) 1,2-Dibromoethane	7.684	107	13281	0.646	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.950	131	12299	0.543	ppbv	90
57) Chlorobenzene	8.946	112	23264	0.560	ppbv #	97
58) Ethyl Benzene	9.380	91	41863	0.773	ppbv	89
59) m/p-Xylene	9.555	91	35867	0.752	ppbv #	100
60) o-Xylene	9.985	91	34021	0.732	ppbv	98
61) Styrene	9.891	104	16798	0.931	ppbv	98
62) Isopropylbenzene	10.558	105	50575	0.692	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.985	83	20172	0.495	ppbv	98
64) n-propylbenzene	11.008	120	13351	0.712	ppbv	98
65) tert-Butylbenzene	11.552	119	46079	0.700	ppbv	98
66) Benzyl Chloride	11.633	91	4858	0.881	ppbv	96
67) sec-Butylbenzene	11.788	105	65001	0.677	ppbv	98
69) p-Isopropyltoluene	11.944	119	53789	0.713	ppbv	98
70) n-Butylbenzene	12.300	91	55556	0.733	ppbv	99
71) 2-Chlorotoluene	10.921	91	40116	0.757	ppbv	99
72) 4-Ethyltoluene	11.144	105	40352	0.718	ppbv	98
73) 1,3,5-Trimethylbenzene	11.222	105	34365	0.698	ppbv	94
74) 1,2,4-Trimethylbenzene	11.555	105	37910	0.665	ppbv #	87
75) 1,3-Dichlorobenzene	11.626	146	23642	0.619	ppbv	97
76) 1,4-Dichlorobenzene	11.691	146	23242	0.633	ppbv	99
77) 1,2-Dichlorobenzene	11.966	146	22337	0.561	ppbv	100
78) Hexachloro-1,3-Butadiene	13.902	225	19853	0.703	ppbv	97
79) Naphthalene	13.533	128	42331	1.007	ppbv #	95
80) Naphthalene,2-methyl-	14.478	142	23705	1.524	ppbv	96
81) 1,2,4-Trichlorobenzene	13.458	180	19980	0.858	ppbv	97

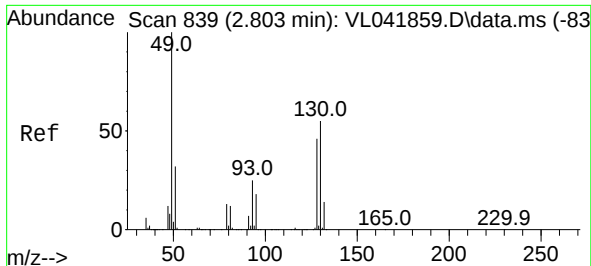
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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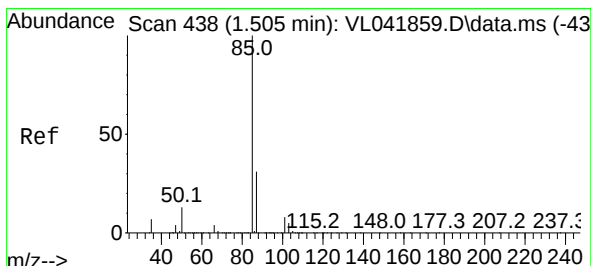
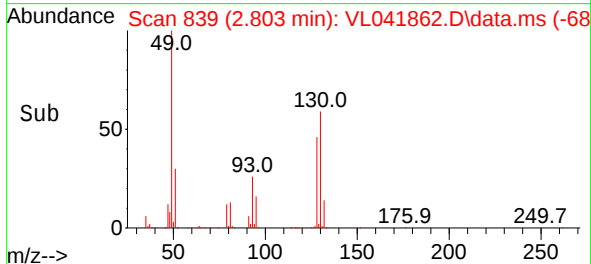
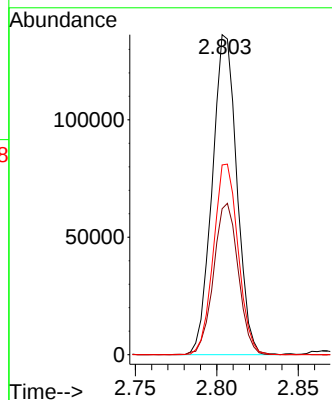
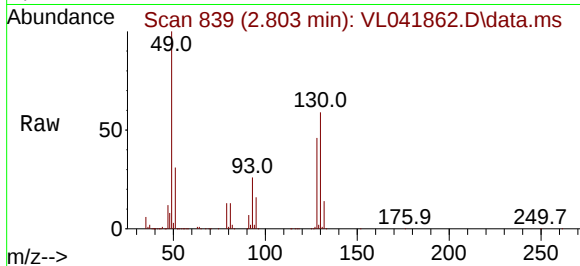




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 839
Delta R.T. 0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

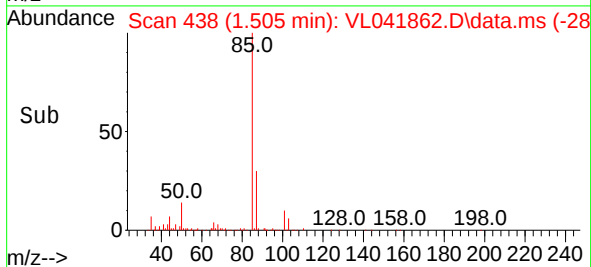
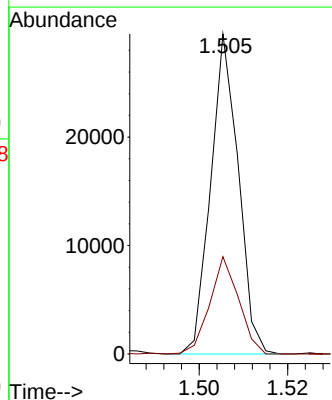
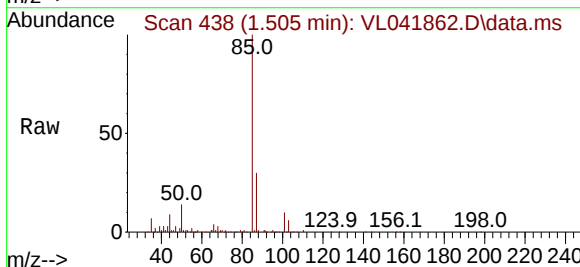
Instrument :
MSVOA_L
ClientSampleId :

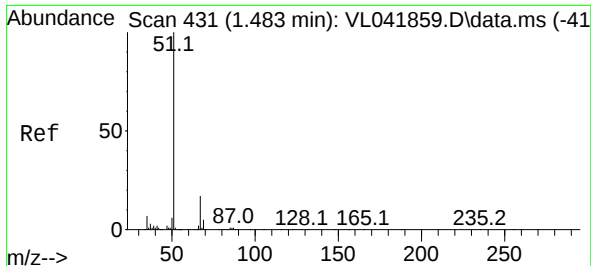
Tgt Ion: 49 Resp: 143127
Ion Ratio Lower Upper
49 100
128 47.3 23.2 69.5
130 59.7 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.545 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion: 85 Resp: 12809
Ion Ratio Lower Upper
85 100
87 30.4 25.2 37.8

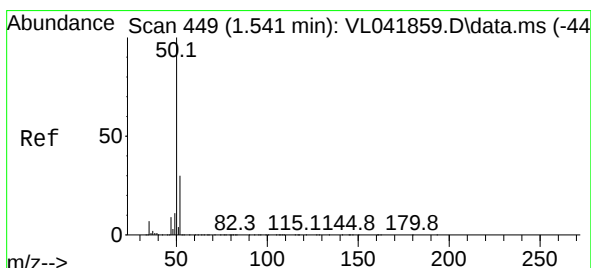
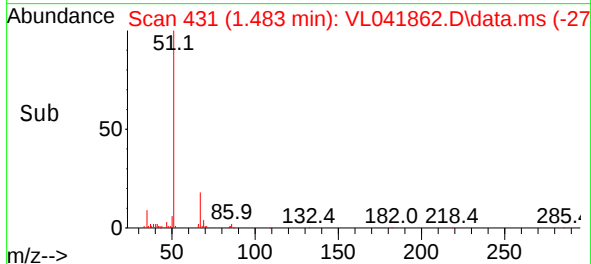
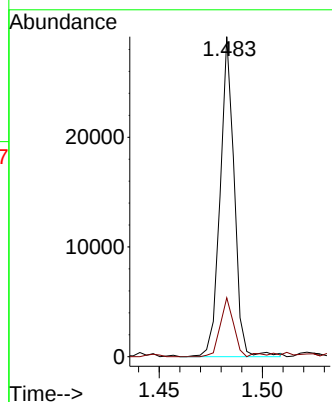
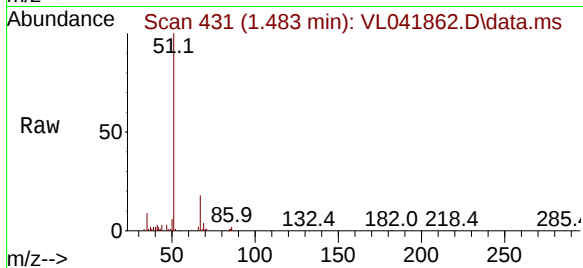




#3
Chlorodifluoromethane
Concen: 0.619 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

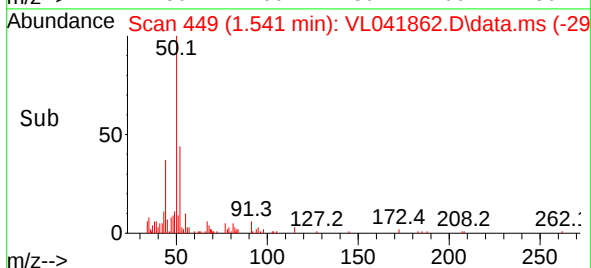
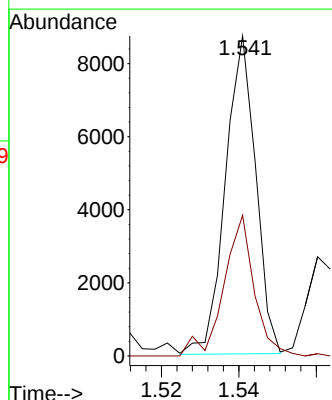
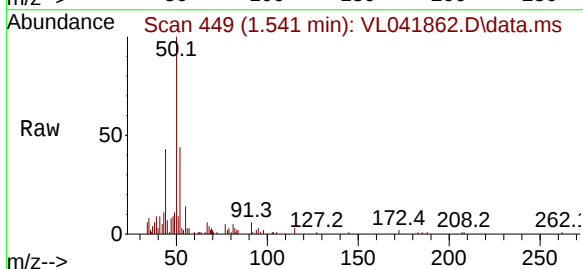
Instrument :
MSVOA_L
ClientSampleId :

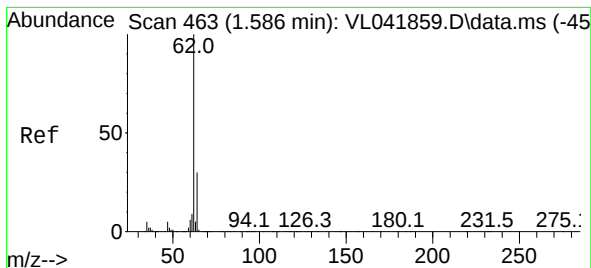
Tgt Ion: 51 Resp: 13881
Ion Ratio Lower Upper
51 100
67 21.6 13.8 20.8#



#4
Chloromethane
Concen: 0.490 ppbv
RT: 1.541 min Scan# 449
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion: 50 Resp: 4728
Ion Ratio Lower Upper
50 100
52 44.3 23.9 35.9#





#5

Vinyl Chloride

Concen: 0.493 ppbv

RT: 1.589 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

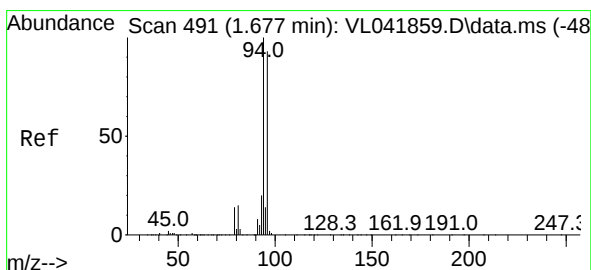
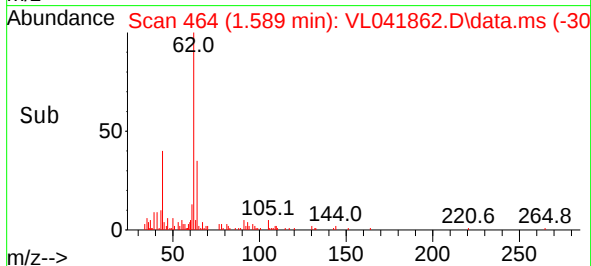
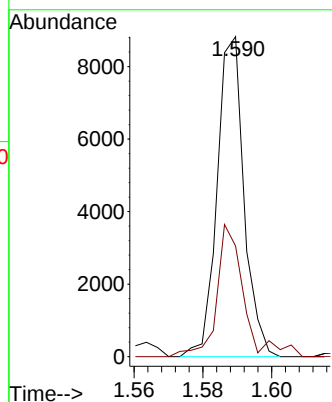
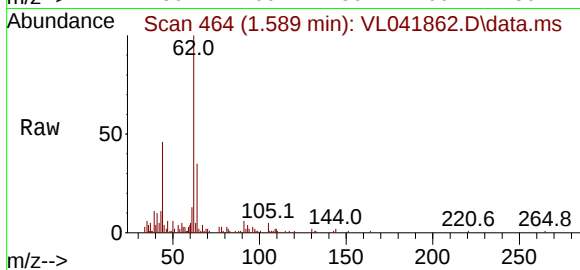
ClientSampleId :

Tgt Ion: 62 Resp: 4803

Ion Ratio Lower Upper

62 100

64 33.0 24.1 36.1



#6

Bromomethane

Concen: 0.669 ppbv

RT: 1.674 min Scan# 490

Delta R.T. -0.003 min

Lab File: VL041862.D

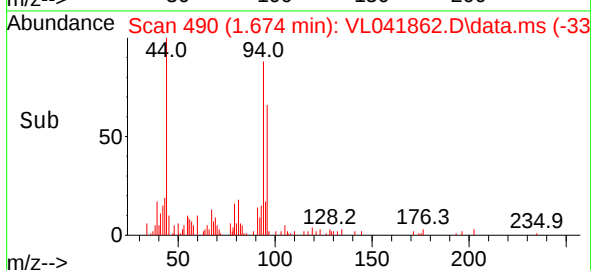
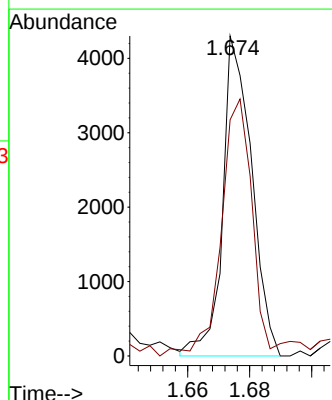
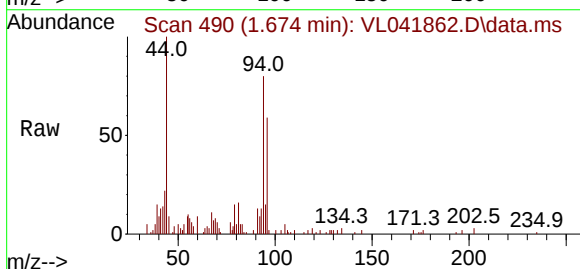
Acq: 09 Jan 2025 12:53

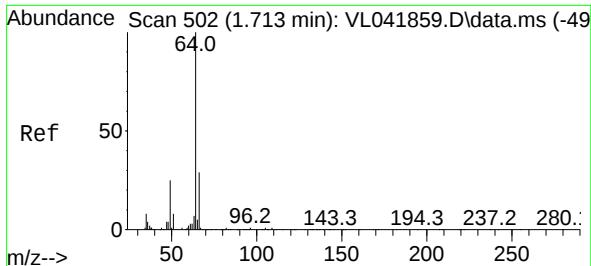
Tgt Ion: 94 Resp: 2791

Ion Ratio Lower Upper

94 100

96 71.9 74.8 112.2#

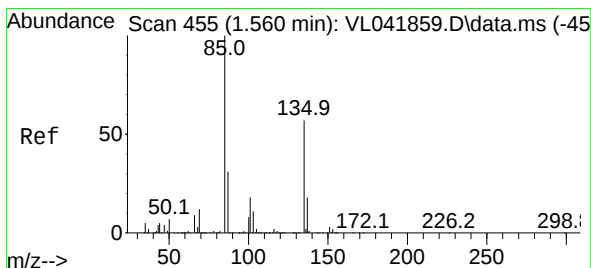
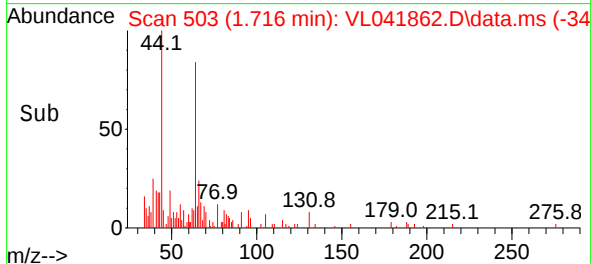
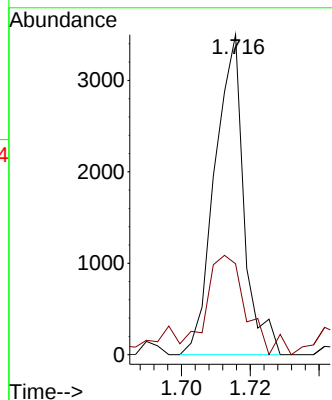
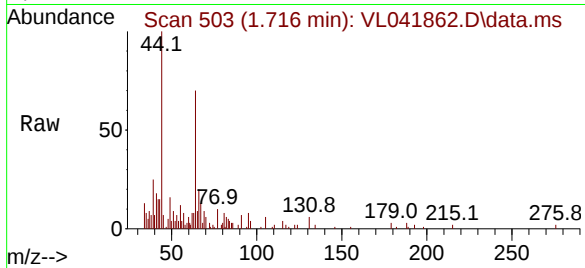




#7
Chloroethane
Concen: 0.549 ppbv
RT: 1.716 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

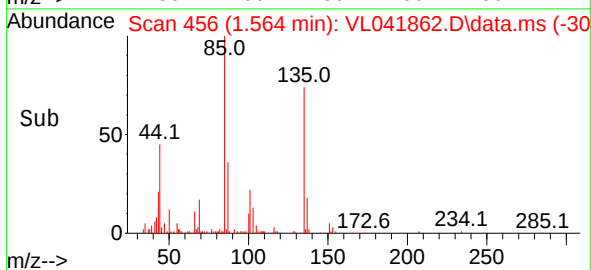
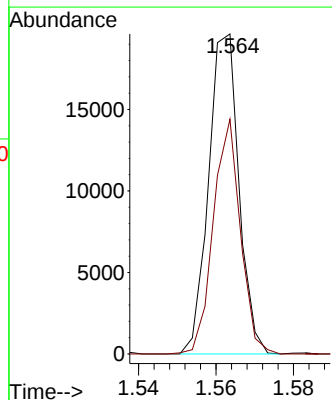
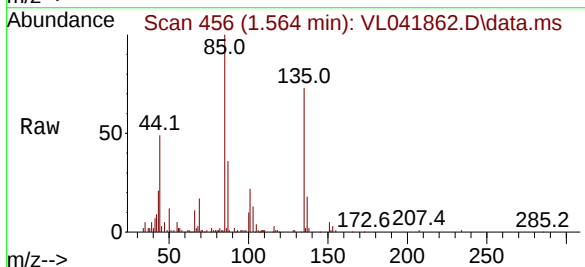
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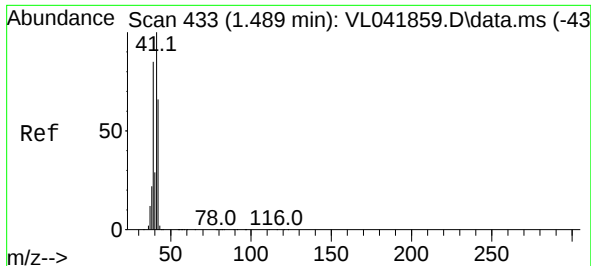
Tgt Ion: 64 Resp: 2059
Ion Ratio Lower Upper
64 100
66 28.4 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 0.528 ppbv
RT: 1.564 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion: 85 Resp: 10699
Ion Ratio Lower Upper
85 100
135 65.4 52.2 78.4





#9

Propene

Concen: 0.862 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

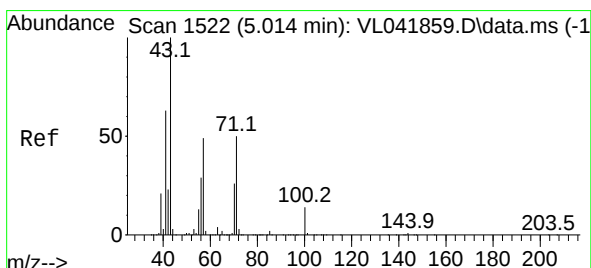
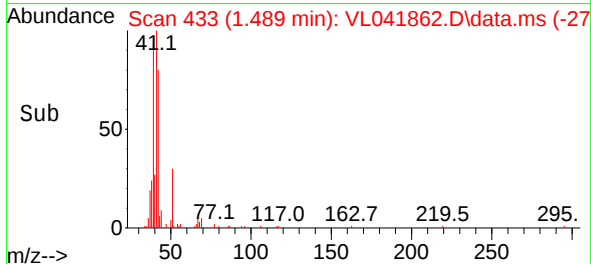
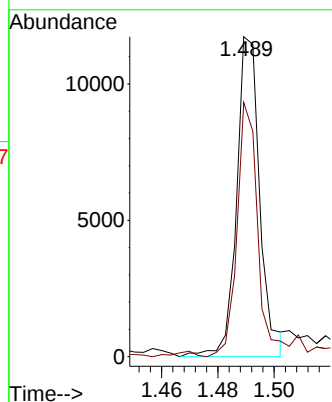
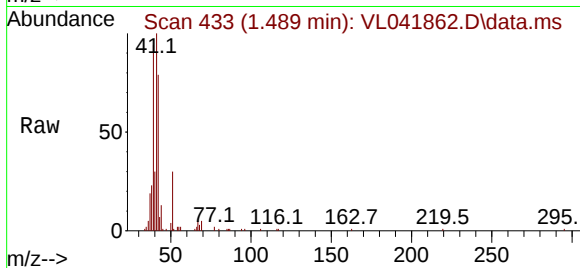
ClientSampleId :

Tgt Ion: 41 Resp: 6731

Ion Ratio Lower Upper

41 100

42 76.2 53.0 79.6



#10

Heptane

Concen: 0.463 ppbv

RT: 5.011 min Scan# 1521

Delta R.T. -0.003 min

Lab File: VL041862.D

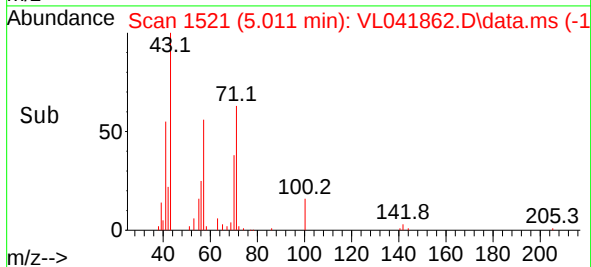
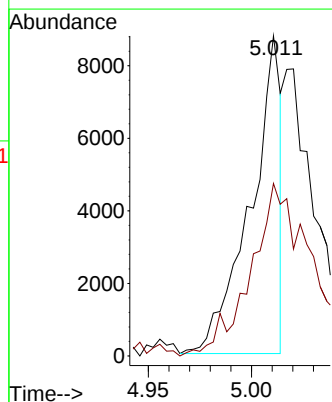
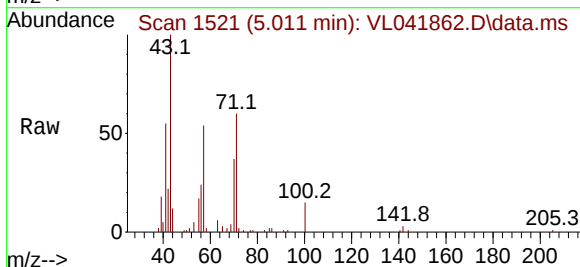
Acq: 09 Jan 2025 12:53

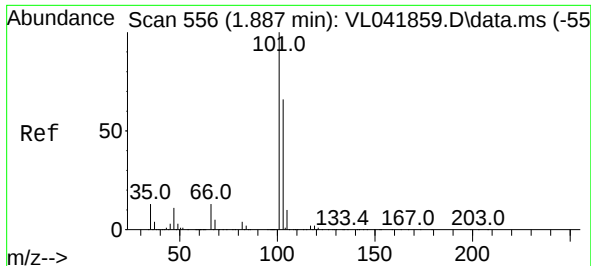
Tgt Ion: 43 Resp: 8926

Ion Ratio Lower Upper

43 100

57 107.9 40.2 60.2#

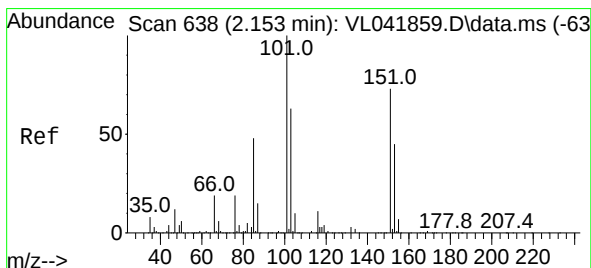
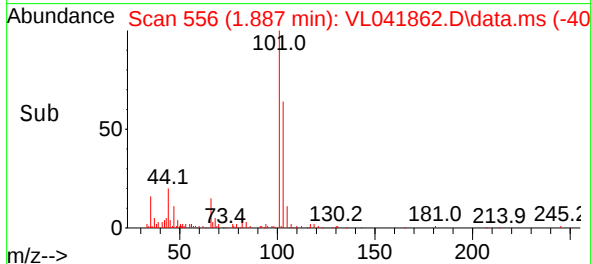
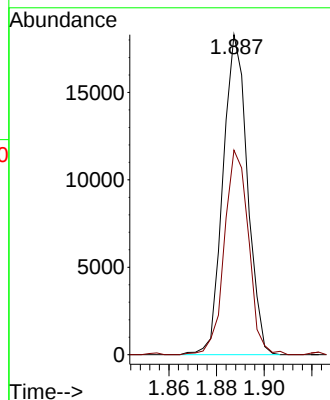
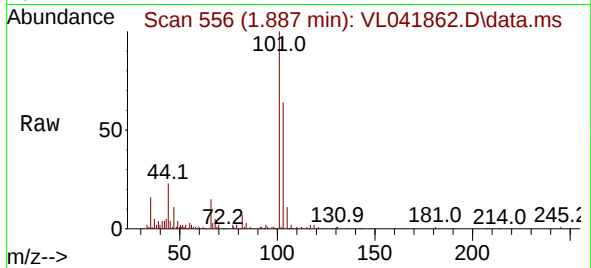




#11
 Trichlorofluoromethane
 Concen: 0.545 ppbv
 RT: 1.887 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

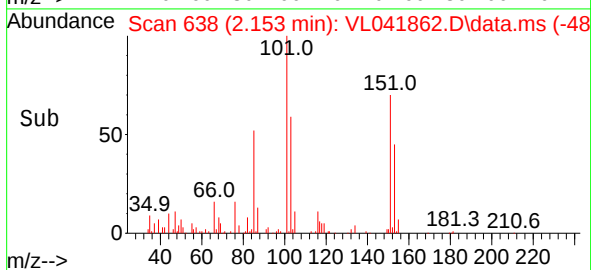
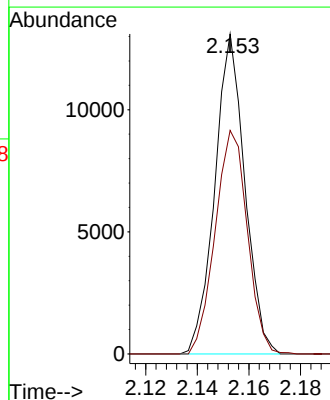
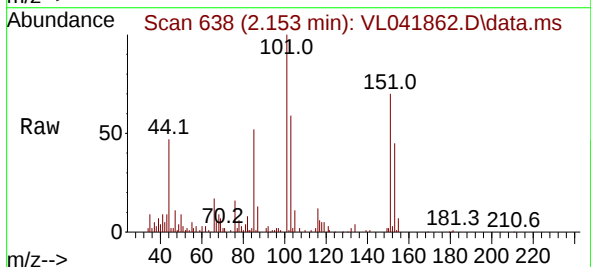
Instrument :
 MSVOA_L
 ClientSampleId :

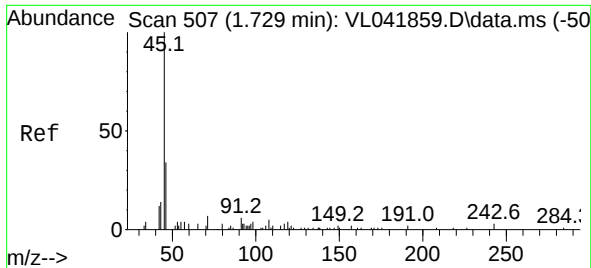
Tgt Ion:101 Resp: 13013
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.596 ppbv
 RT: 2.153 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

Tgt Ion:101 Resp: 10592
 Ion Ratio Lower Upper
 101 100
 151 74.7 59.4 89.0





#13

Ethanol

Concen: 0.884 ppbv

RT: 1.732 min Scan# 507

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

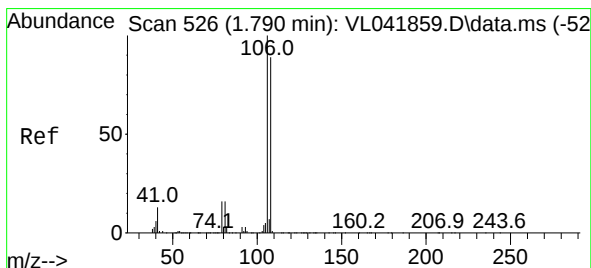
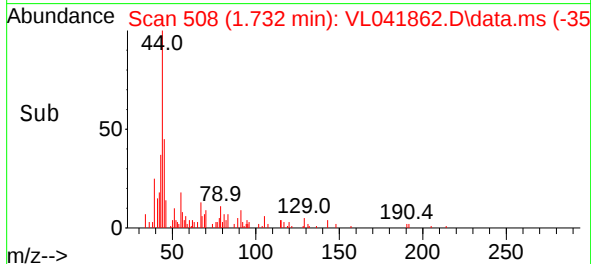
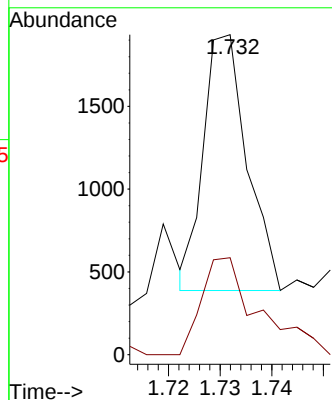
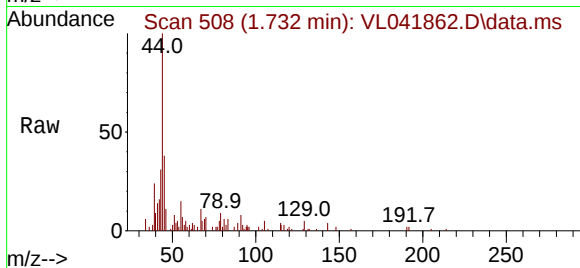
ClientSampleId :

Tgt Ion: 45 Resp: 907

Ion Ratio Lower Upper

45 100

46 77.0 19.0 76.0#



#14

Bromoethene

Concen: 0.656 ppbv

RT: 1.790 min Scan# 526

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

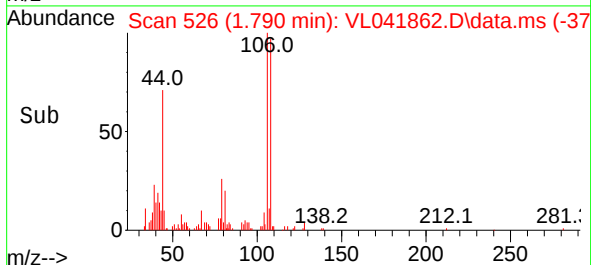
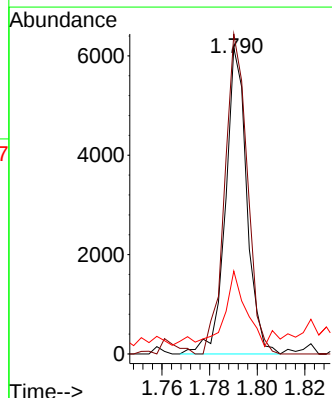
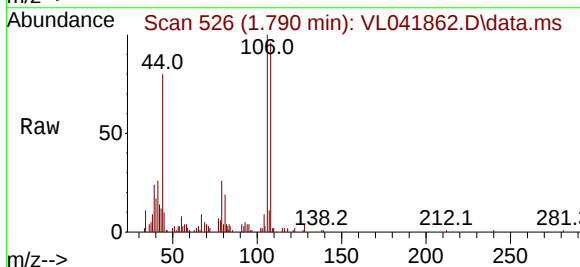
Tgt Ion: 108 Resp: 3822

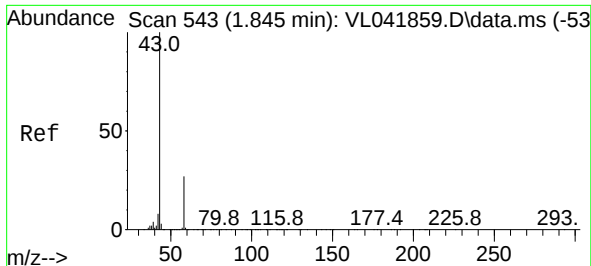
Ion Ratio Lower Upper

108 100

106 114.8 86.9 130.3

79 45.0 15.6 23.4#





#15

Acetone

Concen: 0.579 ppbv

RT: 1.848 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

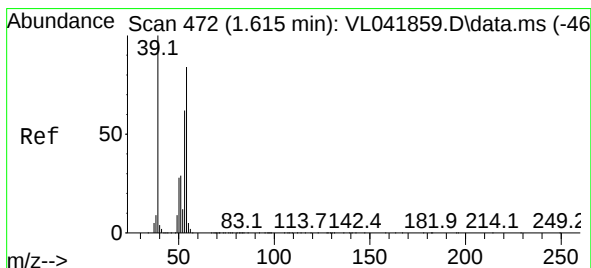
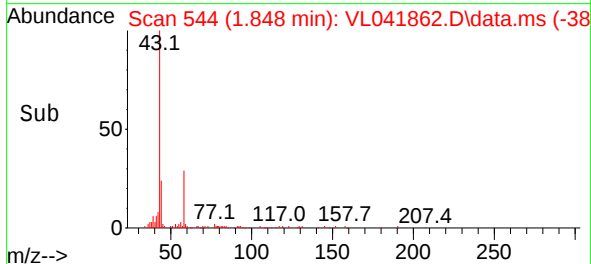
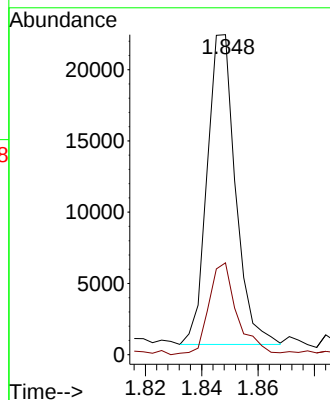
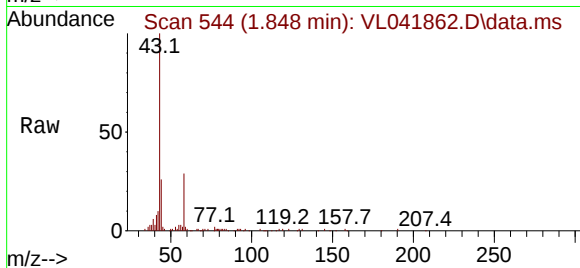
ClientSampleId :

Tgt Ion: 43 Resp: 15259

Ion Ratio Lower Upper

43 100

58 28.7 22.7 34.1



#16

1,3-Butadiene

Concen: 0.680 ppbv

RT: 1.619 min Scan# 473

Delta R.T. 0.003 min

Lab File: VL041862.D

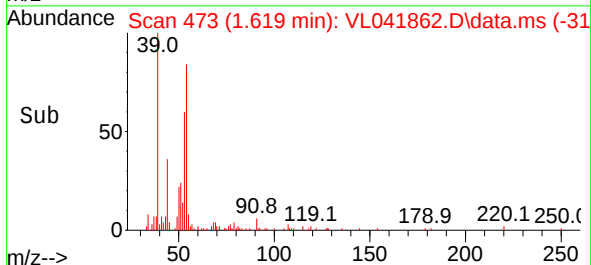
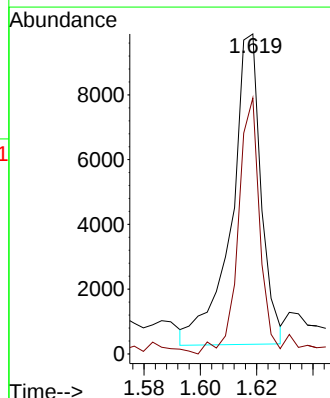
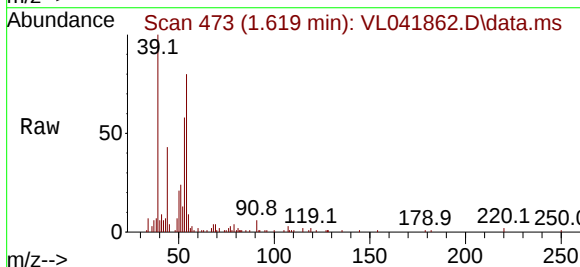
Acq: 09 Jan 2025 12:53

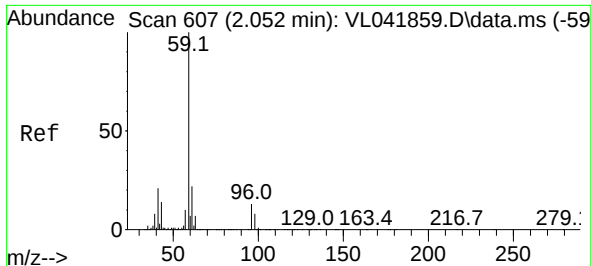
Tgt Ion: 39 Resp: 7024

Ion Ratio Lower Upper

39 100

54 72.0 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.657 ppbv

RT: 2.056 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

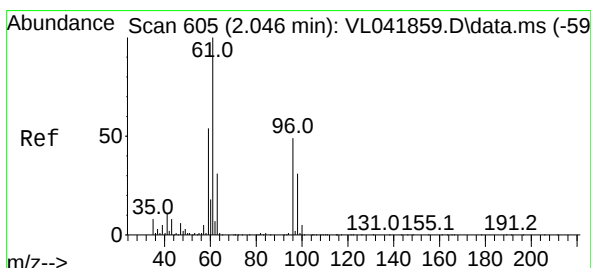
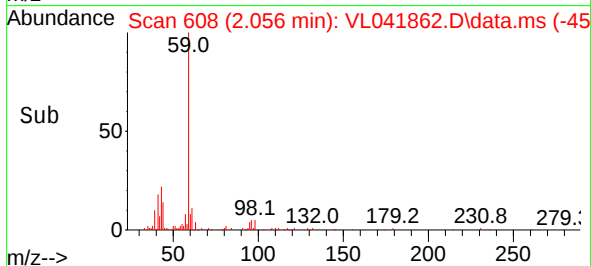
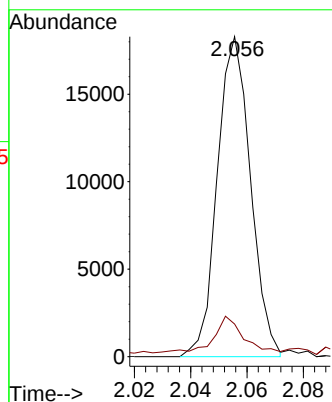
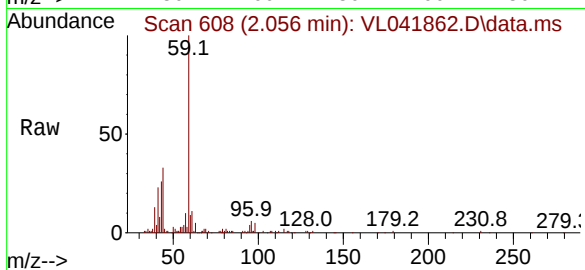
ClientSampleId :

Tgt Ion: 59 Resp: 14992

Ion Ratio Lower Upper

59 100

57 13.1 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.656 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

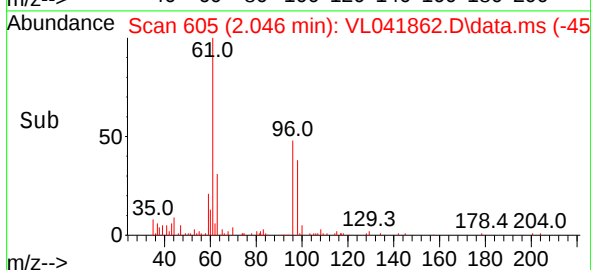
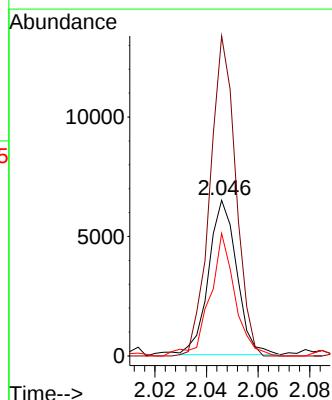
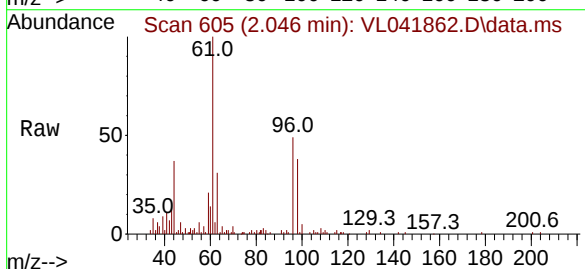
Tgt Ion: 96 Resp: 4883

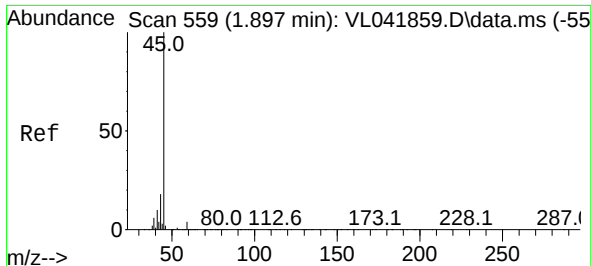
Ion Ratio Lower Upper

96 100

61 207.4 161.7 242.5

98 79.4 51.0 76.4#





#19

Isopropyl Alcohol

Concen: 0.607 ppbv

RT: 1.900 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

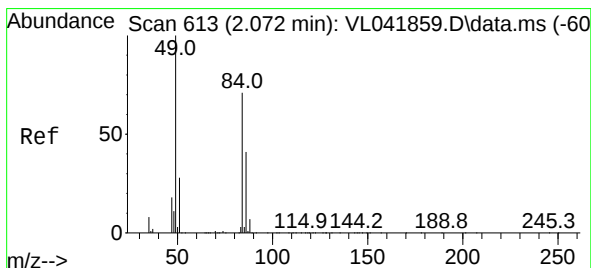
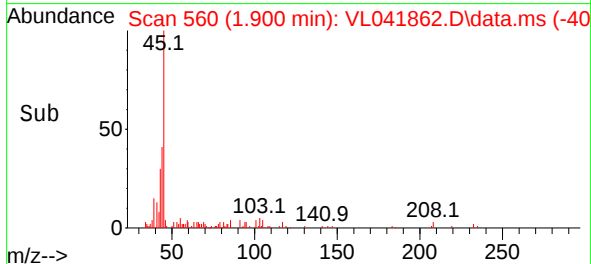
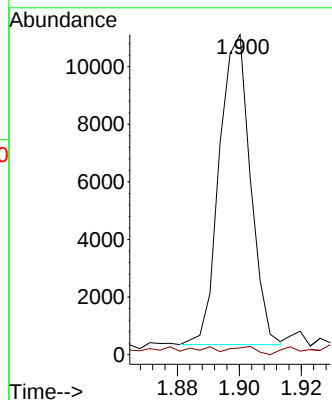
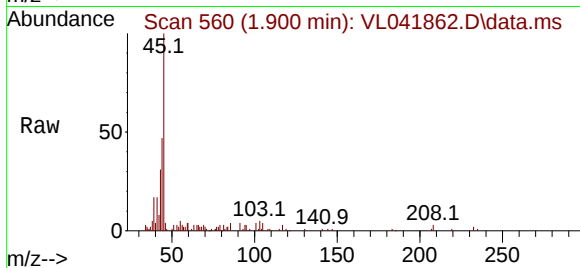
ClientSampleId :

Tgt Ion: 45 Resp: 7509

Ion Ratio Lower Upper

45 100

58 2.7 37.0 55.6#



#20

Methylene Chloride

Concen: 0.644 ppbv

RT: 2.075 min Scan# 614

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion: 84 Resp: 4849

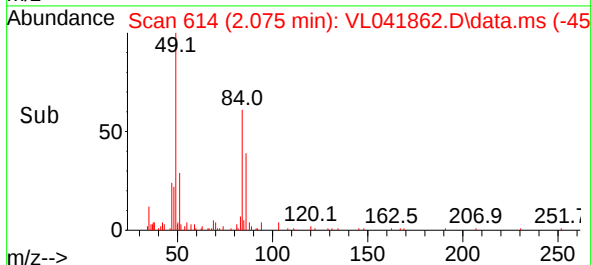
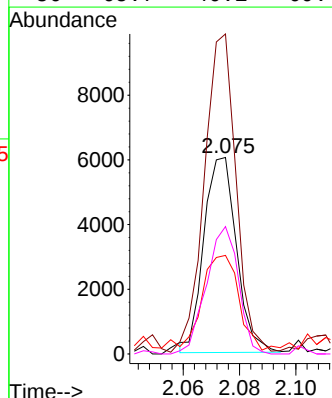
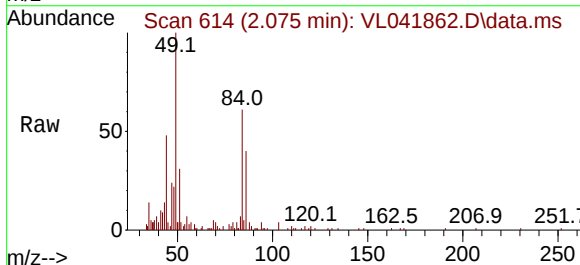
Ion Ratio Lower Upper

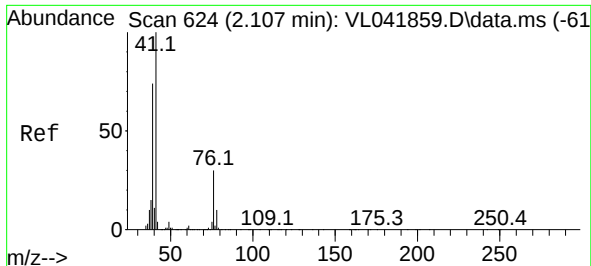
84 100

49 163.2 113.8 170.8

51 54.4 33.5 50.3#

86 65.7 46.2 69.4





#21

Allyl Chloride

Concen: 0.639 ppbv

RT: 2.107 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041862.D

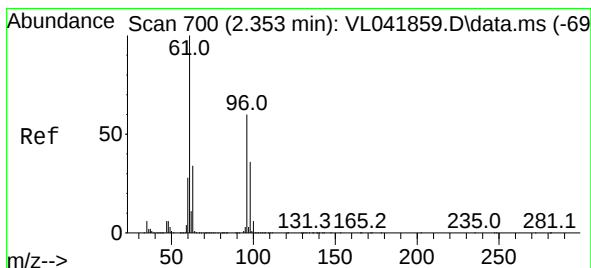
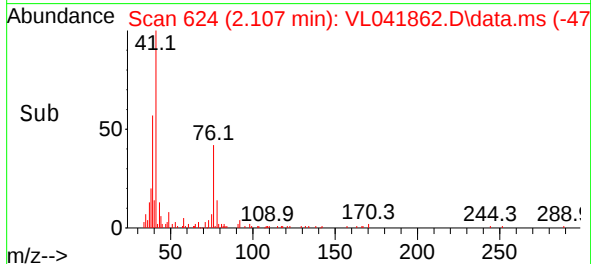
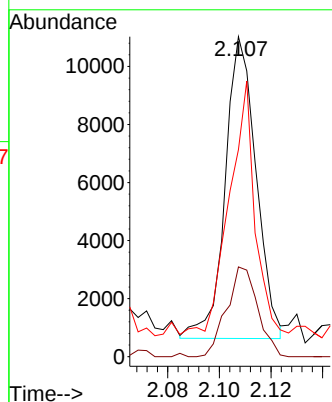
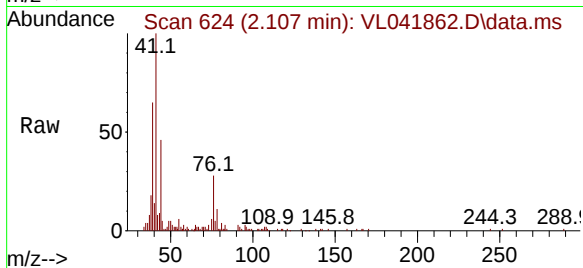
Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 8675
Ion Ratio	Lower Upper
41	100
76	31.2 24.6 36.8
39	94.1 60.1 90.1#



#22

trans-1,2-Dichloroethene

Concen: 0.677 ppbv

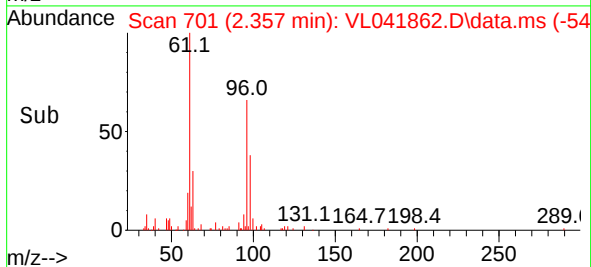
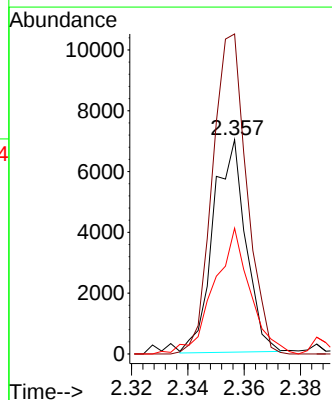
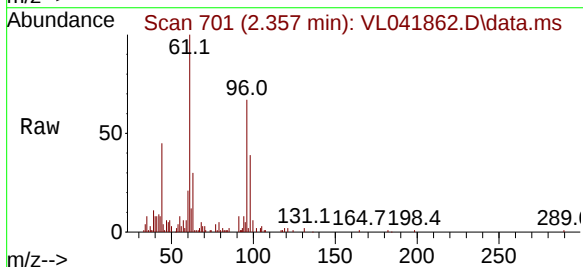
RT: 2.357 min Scan# 701

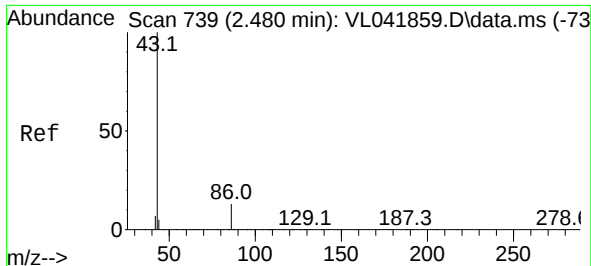
Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

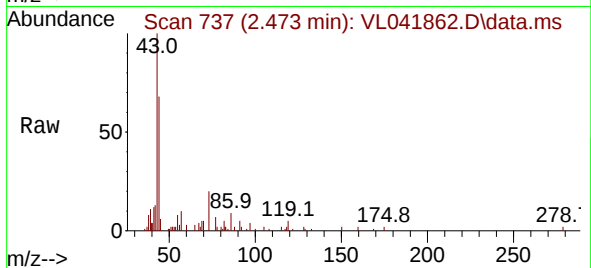
Tgt Ion: 96	Resp: 5632
Ion Ratio	Lower Upper
96	100
61	150.4 134.2 201.4
98	55.2 49.0 73.4





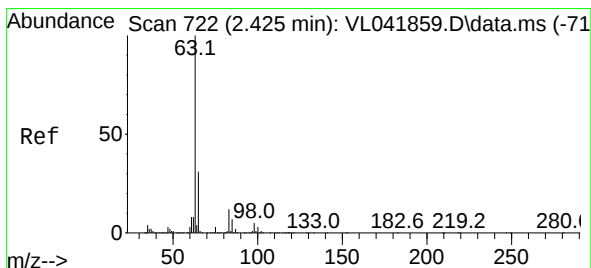
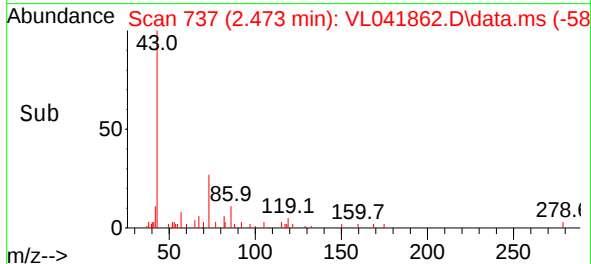
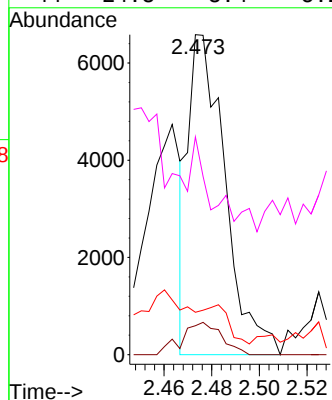
#23
 Vinyl Acetate
 Concen: 0.859 ppbv
 RT: 2.473 min Scan# 740
 Delta R.T. -0.006 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 7040

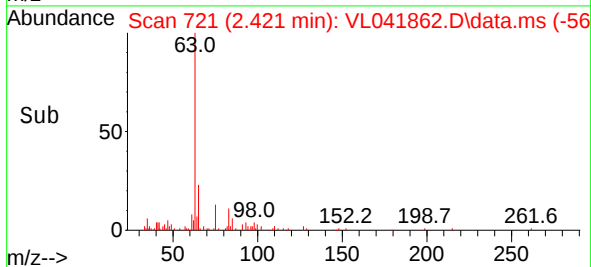
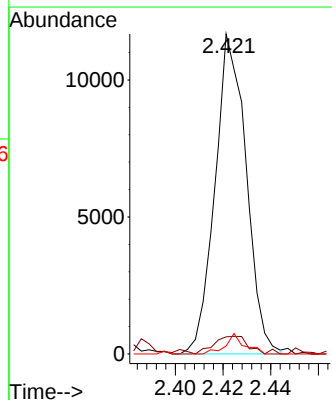
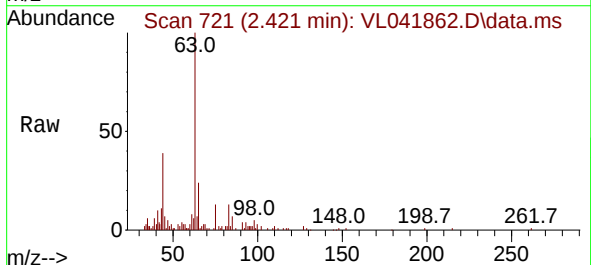
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.8	11.6
42	9.3	7.0	10.4
44	24.3	3.4	5.2

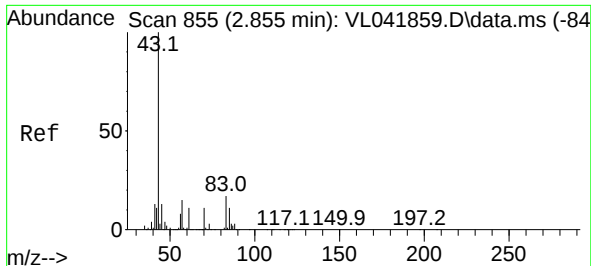


#24
 1,1-Dichloroethane
 Concen: 0.583 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

Tgt Ion: 63 Resp: 10611

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.3	6.9
100	2.5	1.3	3.8





#25

Ethyl Acetate

Concen: 0.712 ppbv

RT: 2.855 min Scan# 855

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 31455

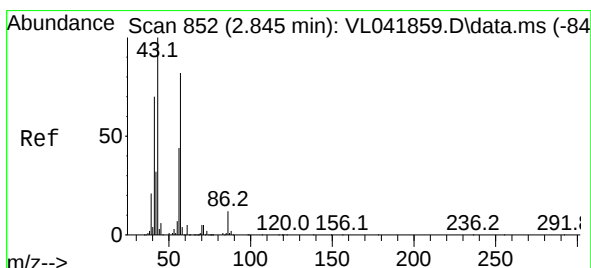
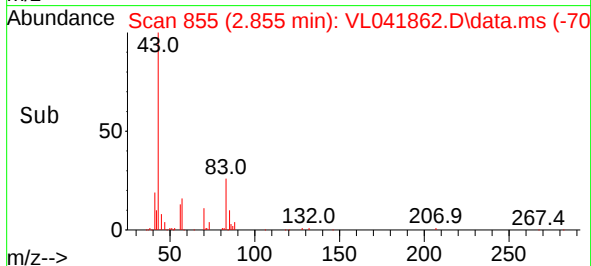
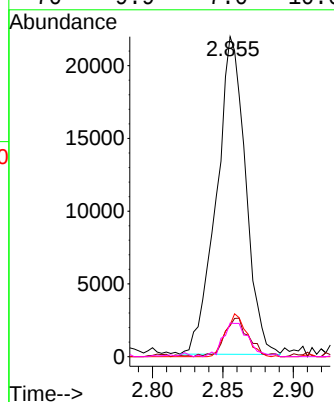
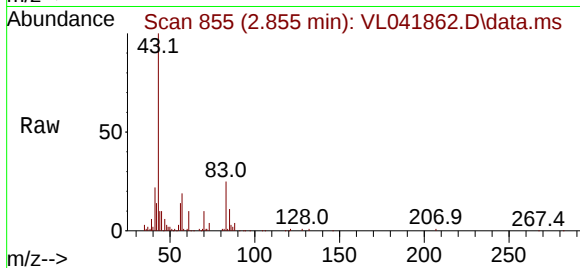
Ion Ratio Lower Upper

43 100

45 10.4 8.4 12.6

61 9.9 7.3 10.9

70 9.9 7.0 10.6



#26

Hexane

Concen: 0.877 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion: 57 Resp: 13451

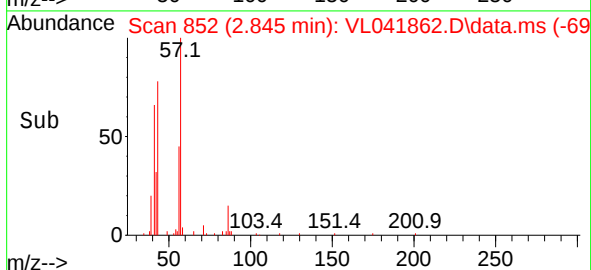
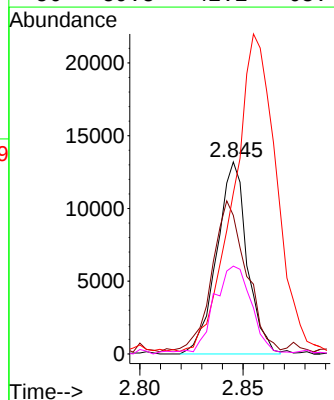
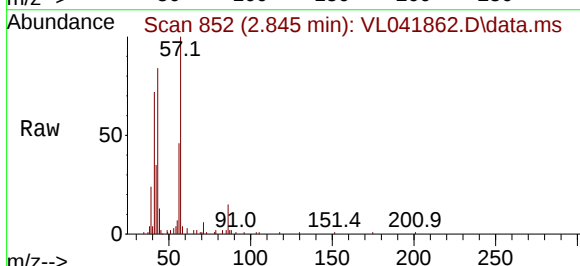
Ion Ratio Lower Upper

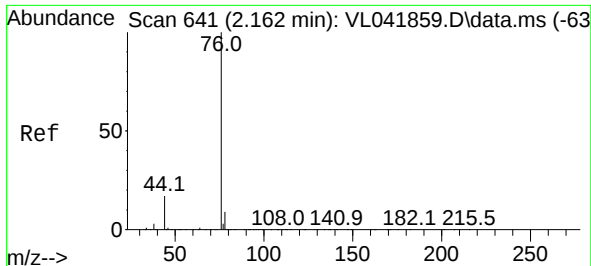
57 100

41 92.8 71.5 107.3

43 243.3 200.2 300.4

56 59.8 42.2 63.4





#27

Carbon Disulfide

Concen: 0.856 ppbv

RT: 2.162 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041862.D

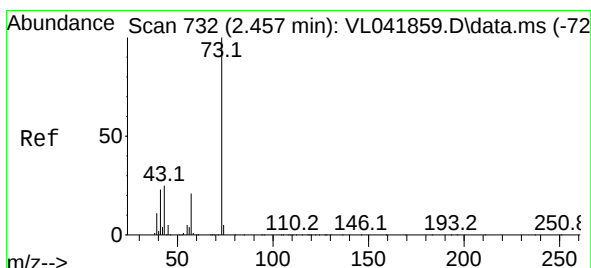
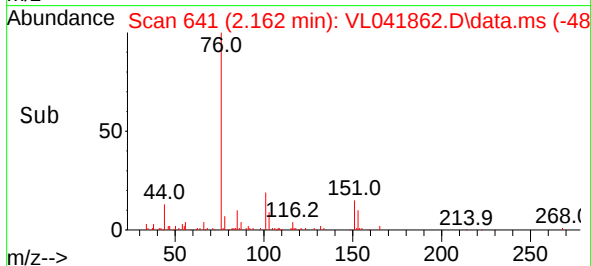
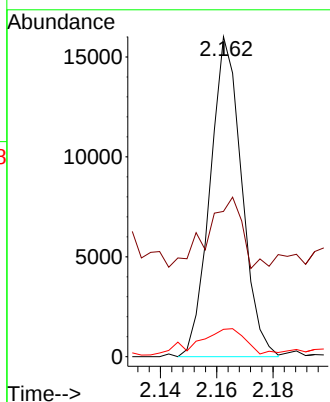
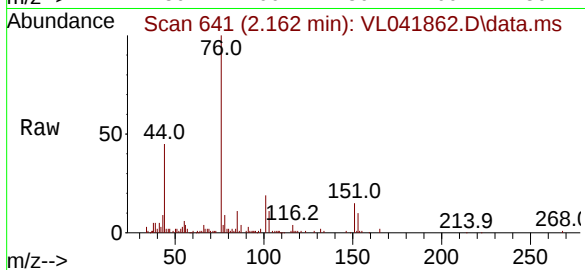
Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	76	Resp:	12466
Ion Ratio	Lower	Upper	
76	100		
44	57.5	13.1	19.7#
78	17.8	9.5	14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.887 ppbv

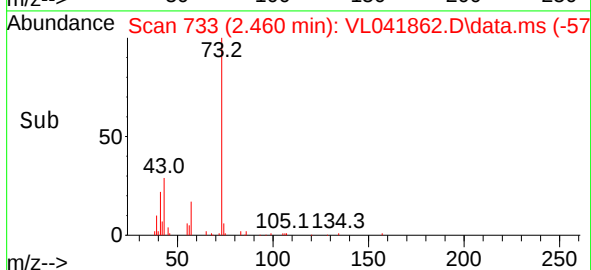
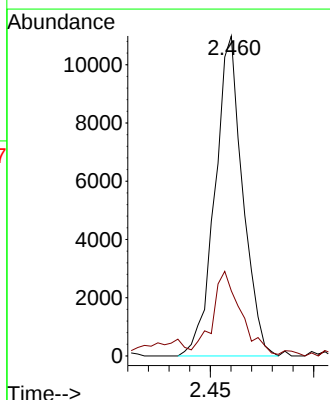
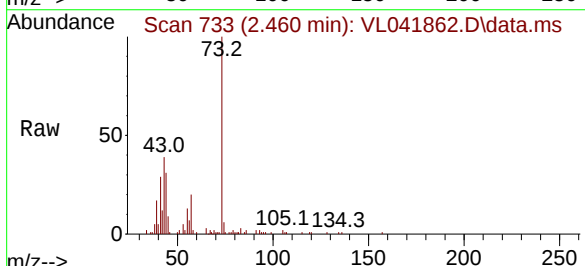
RT: 2.460 min Scan# 733

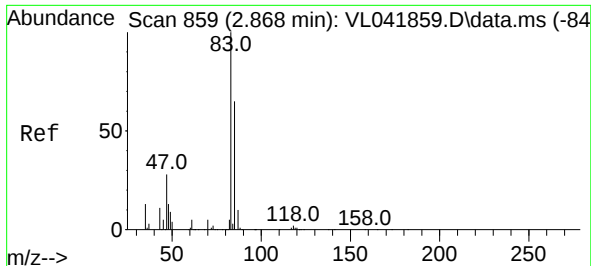
Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion:	73	Resp:	10251
Ion Ratio	Lower	Upper	
73	100		
57	39.8	17.5	26.3#





#29

Chloroform

Concen: 0.643 ppbv

RT: 2.865 min Scan# 859

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

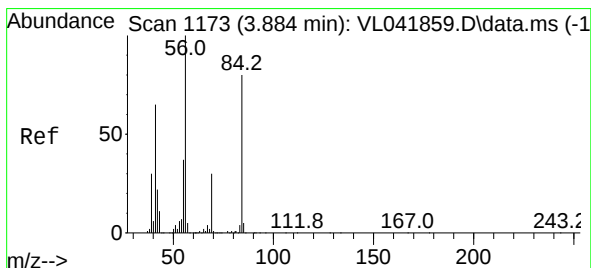
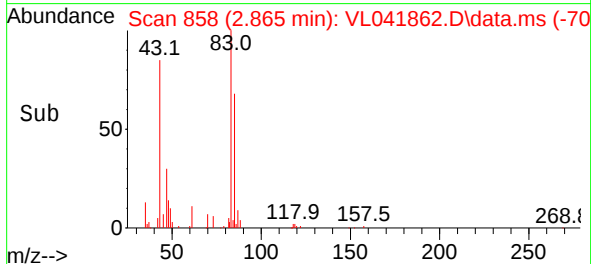
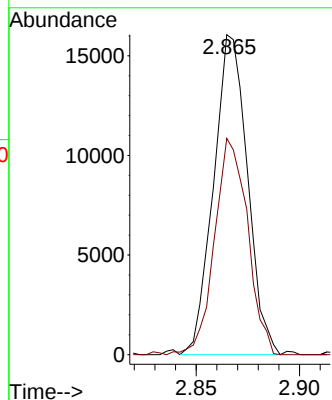
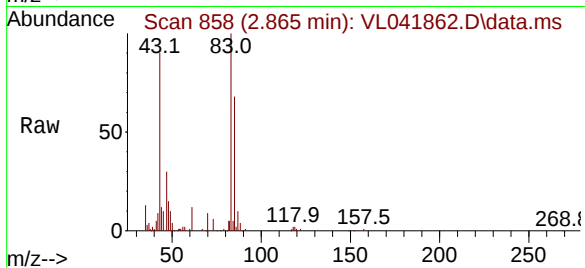
ClientSampleId :

Tgt Ion: 83 Resp: 18316

Ion Ratio Lower Upper

83 100

85 67.6 51.7 77.5



#30

Cyclohexane

Concen: 0.616 ppbv

RT: 3.884 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

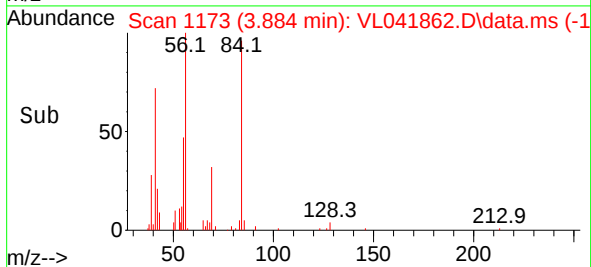
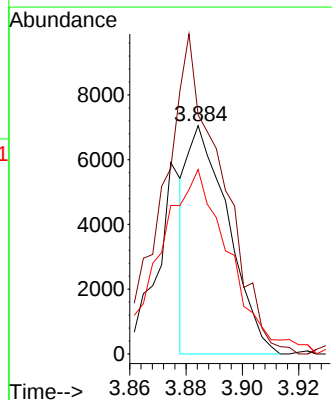
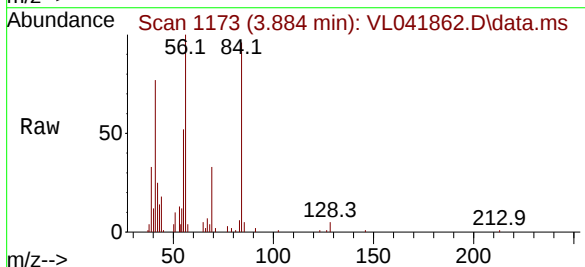
Tgt Ion: 84 Resp: 7160

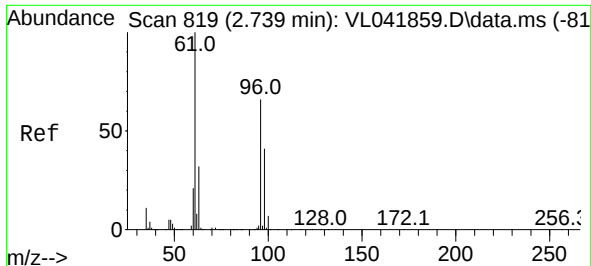
Ion Ratio Lower Upper

84 100

56 205.1 100.7 151.1#

41 128.9 62.8 94.2#

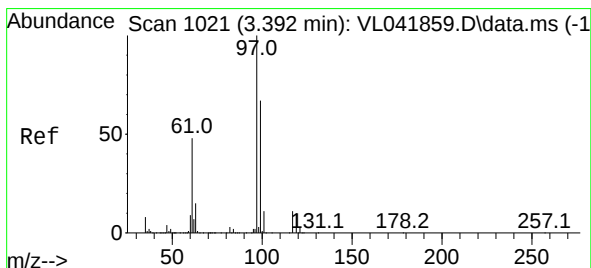
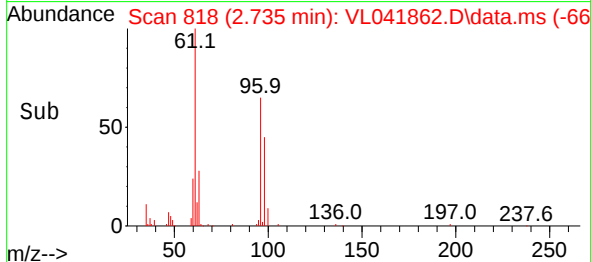
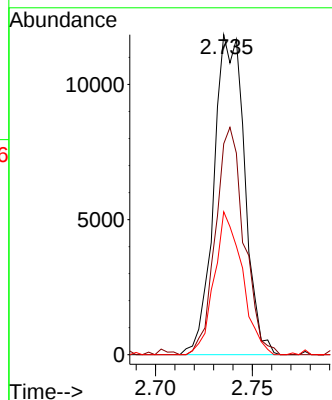
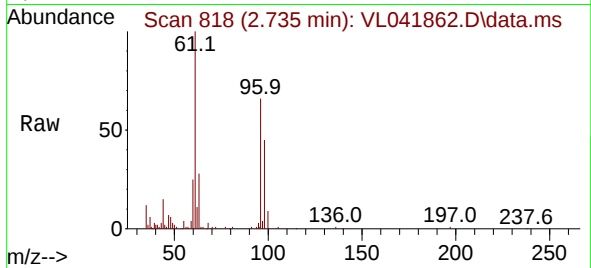




#31
 cis-1,2-Dichloroethene
 Concen: 0.826 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

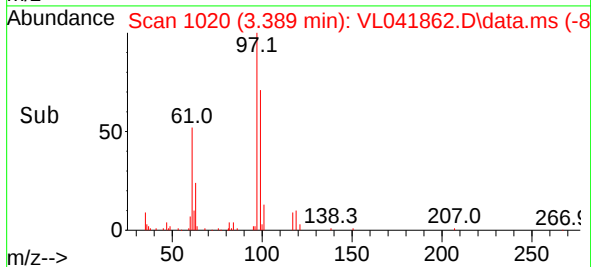
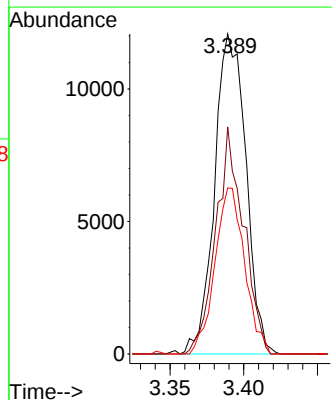
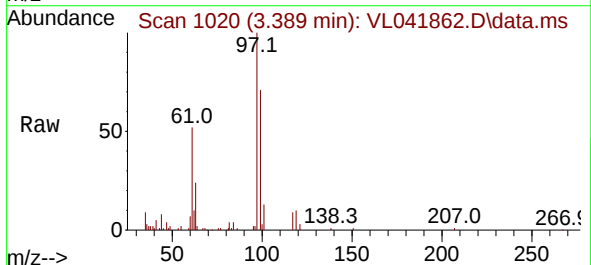
Instrument :
 MSVOA_L
 ClientSampleId :

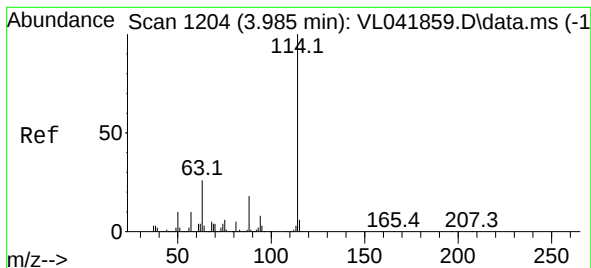
Tgt Ion: 61 Resp: 13045
 Ion Ratio Lower Upper
 61 100
 96 65.9 53.2 79.8
 98 44.7 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.690 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041862.D
 Acq: 09 Jan 2025 12:53

Tgt Ion: 97 Resp: 17819
 Ion Ratio Lower Upper
 97 100
 99 62.8 52.0 78.0
 61 49.4 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.985 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

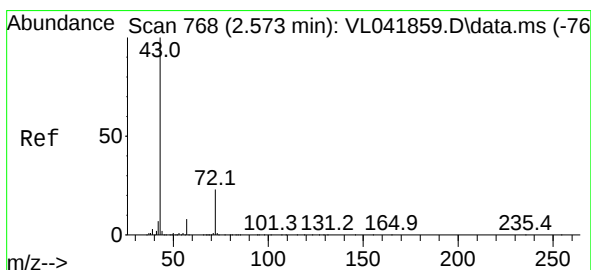
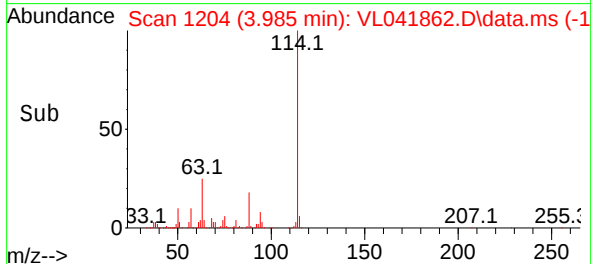
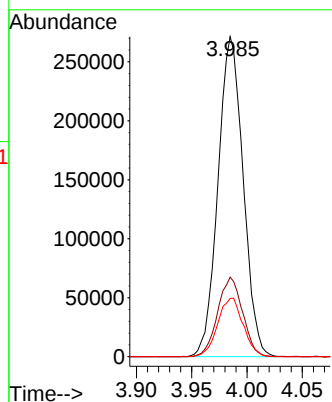
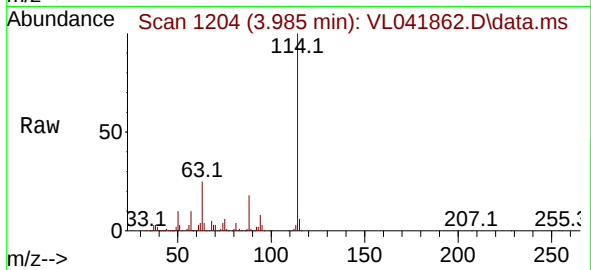
Tgt Ion:114 Resp: 429322

Ion Ratio Lower Upper

114 100

63 24.6 20.3 30.5

88 18.5 14.6 21.8



#34

2-Butanone

Concen: 0.562 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041862.D

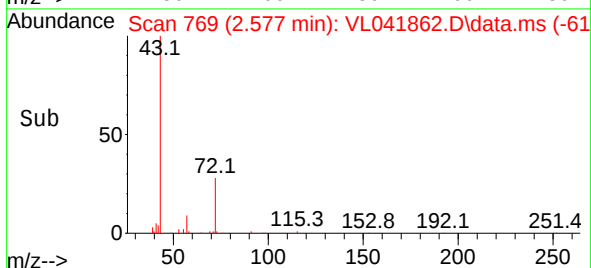
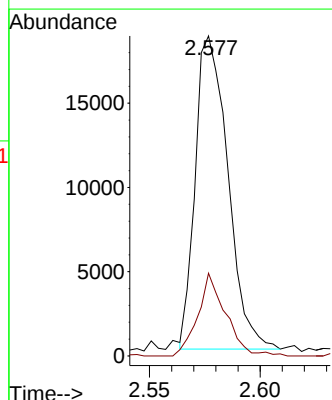
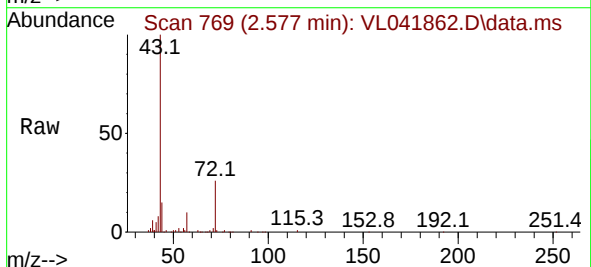
Acq: 09 Jan 2025 12:53

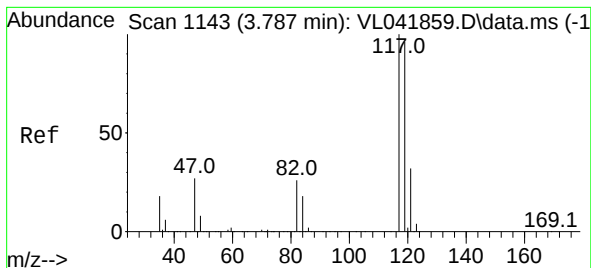
Tgt Ion: 43 Resp: 19019

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7





#35

Carbon Tetrachloride

Concen: 0.485 ppbv

RT: 3.787 min Scan# 1143

Delta R.T. -0.000 min

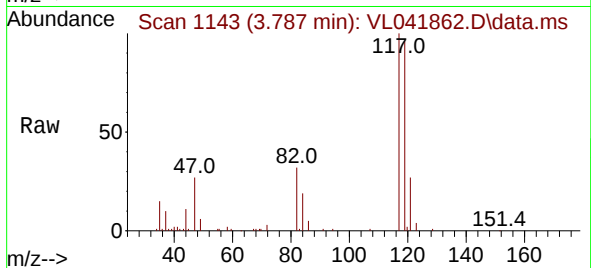
Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :



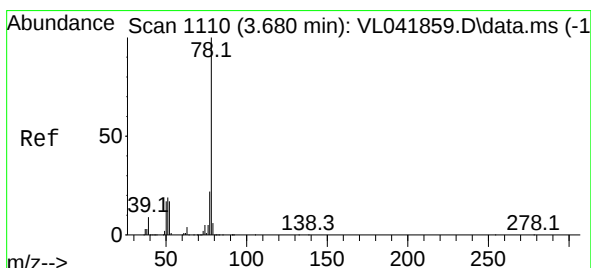
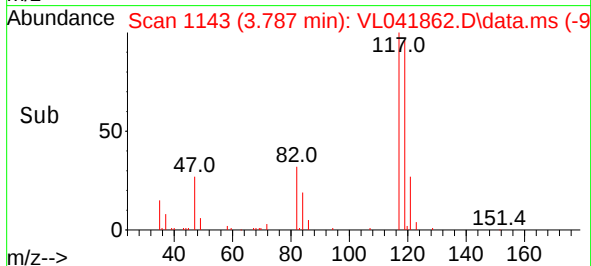
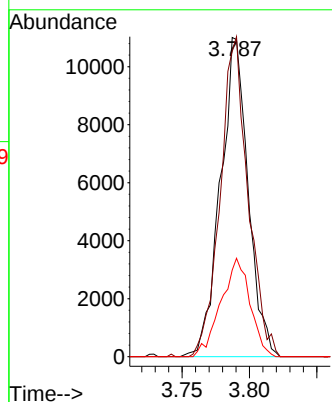
Tgt Ion:117 Resp: 15737

Ion Ratio Lower Upper

117 100

119 95.7 76.9 115.3

121 27.1 25.9 38.9



#36

Benzene

Concen: 0.625 ppbv

RT: 3.680 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

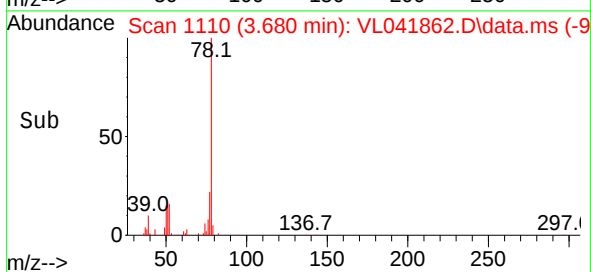
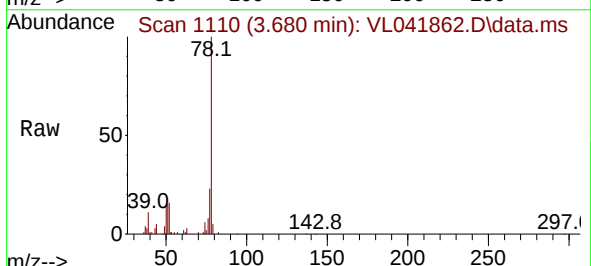
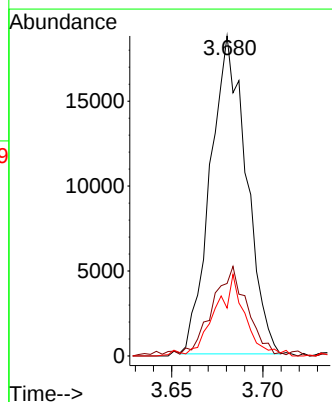
Tgt Ion: 78 Resp: 25621

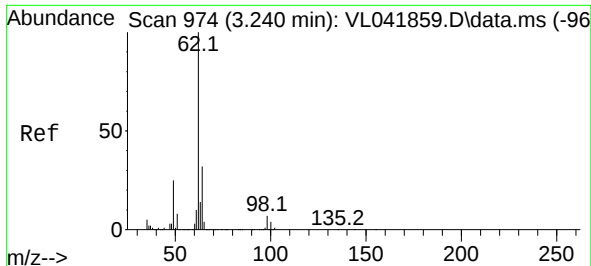
Ion Ratio Lower Upper

78 100

77 22.2 17.9 26.9

50 14.1 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.535 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

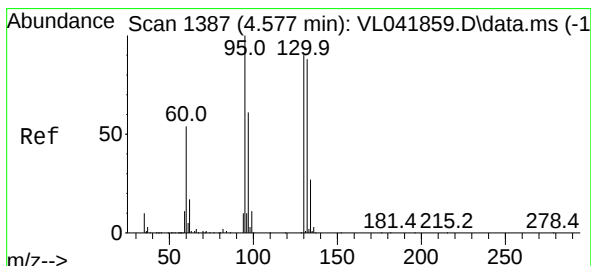
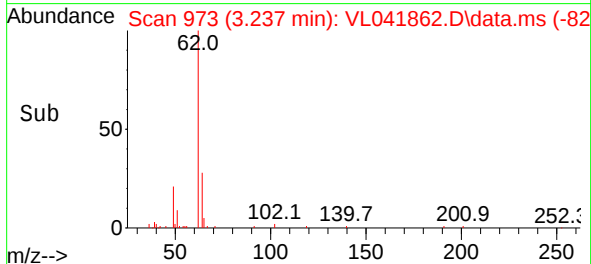
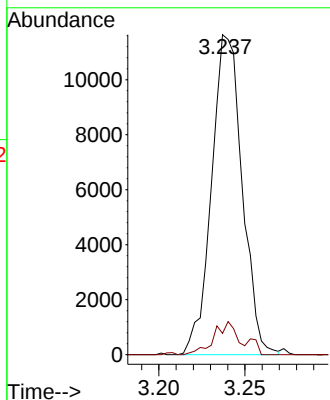
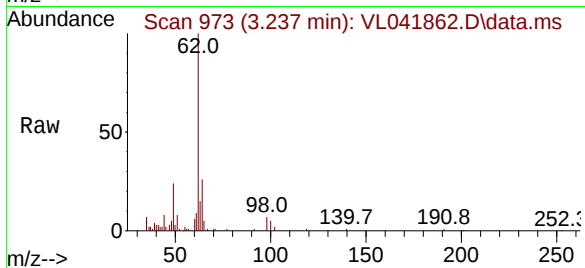
ClientSampleId :

Tgt Ion: 62 Resp: 14429

Ion Ratio Lower Upper

62 100

98 9.4 5.6 8.4#



#38

Trichloroethene

Concen: 0.366 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion:130 Resp: 5766

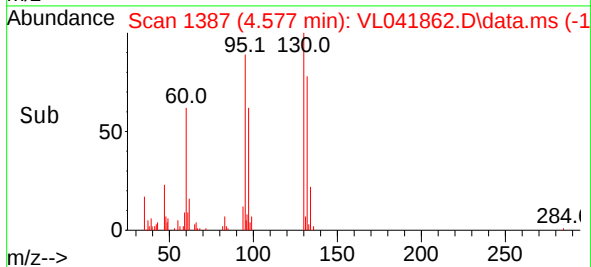
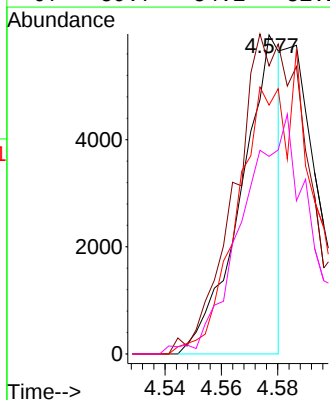
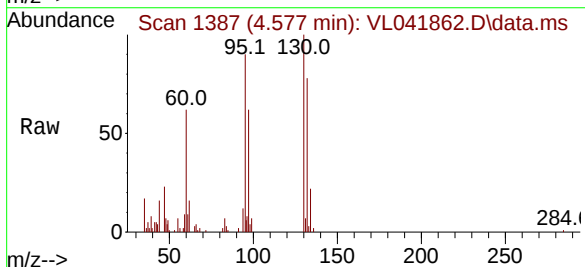
Ion Ratio Lower Upper

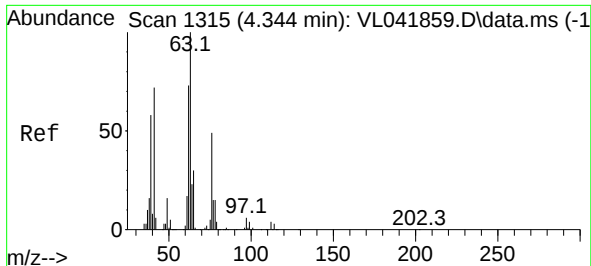
130 100

95 90.9 88.5 132.7

132 75.8 78.2 117.2#

97 59.7 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.356 ppbv

RT: 4.344 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

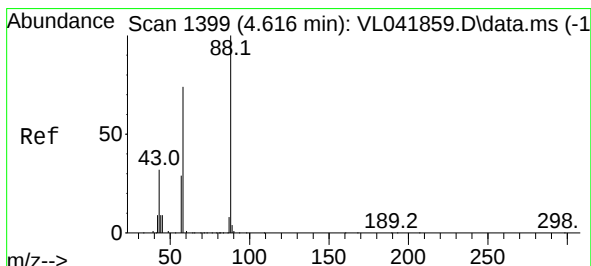
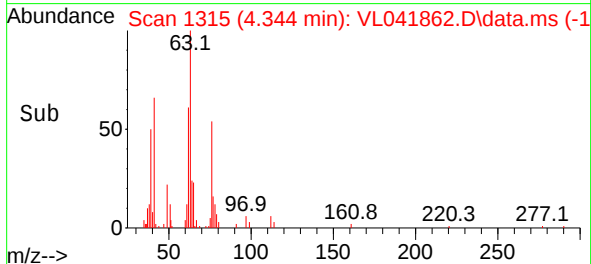
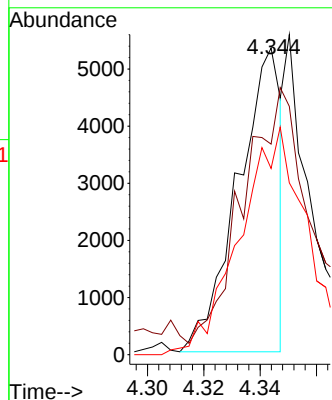
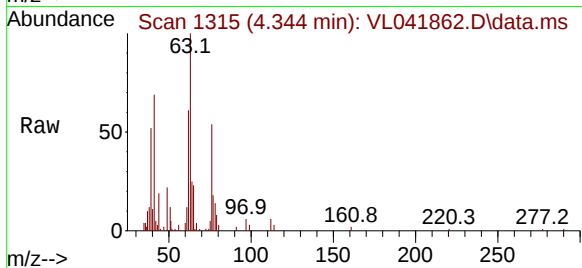
Tgt Ion: 63 Resp: 5652

Ion Ratio Lower Upper

63 100

41 59.0 58.0 87.0

62 60.2 58.6 87.8



#40

1,4-Dioxane

Concen: 0.649 ppbv

RT: 4.638 min Scan# 1406

Delta R.T. 0.023 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion: 88 Resp: 3986

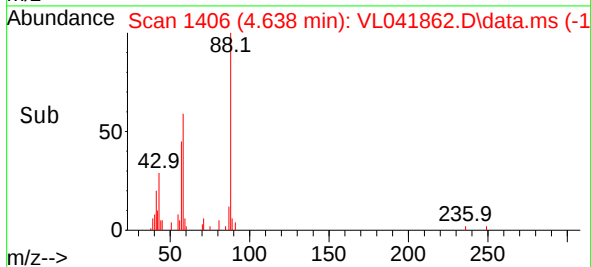
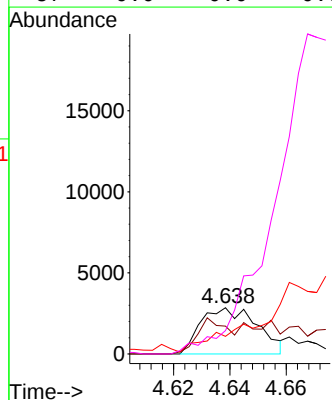
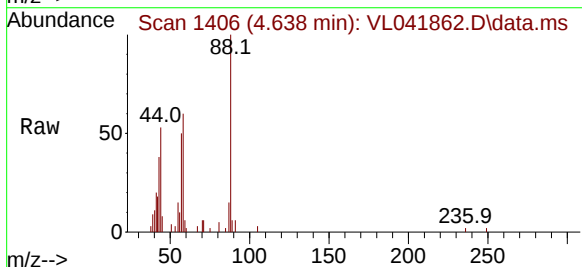
Ion Ratio Lower Upper

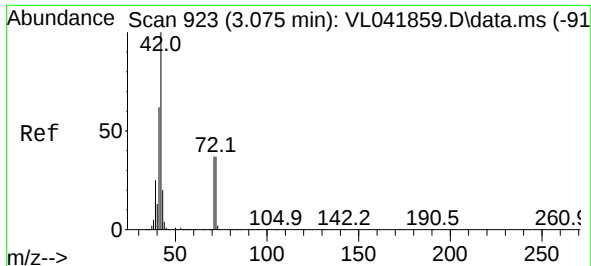
88 100

58 66.8 52.2 78.4

43 0.0 0.0 0.0

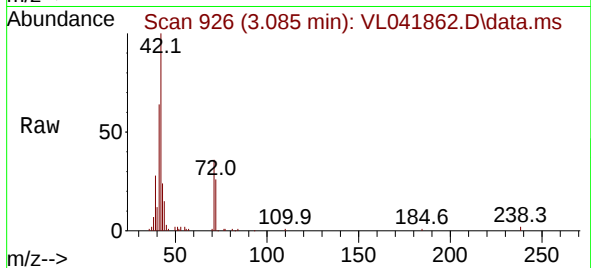
57 0.0 0.0 0.0



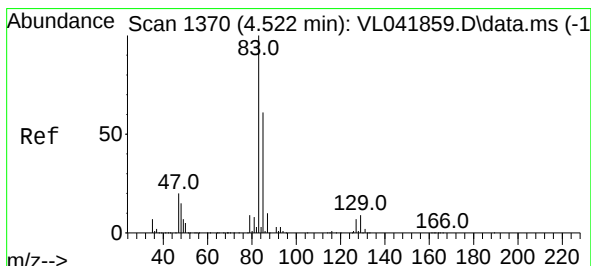
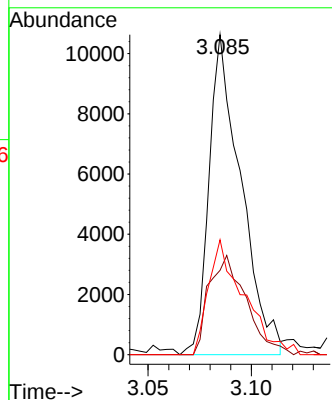
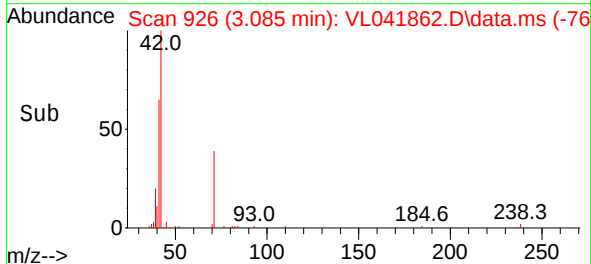


#41
Tetrahydrofuran
Concen: 0.716 ppbv
RT: 3.085 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

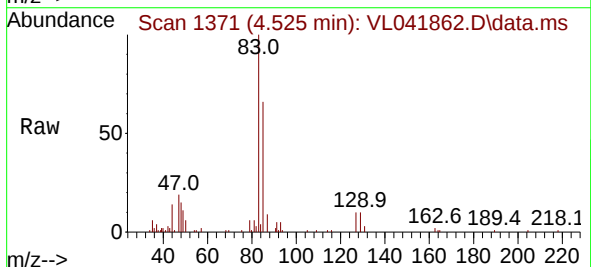
Instrument :
MSVOA_L
ClientSampleId :



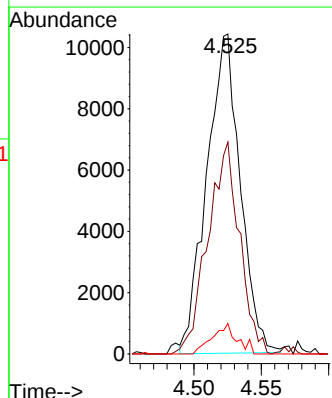
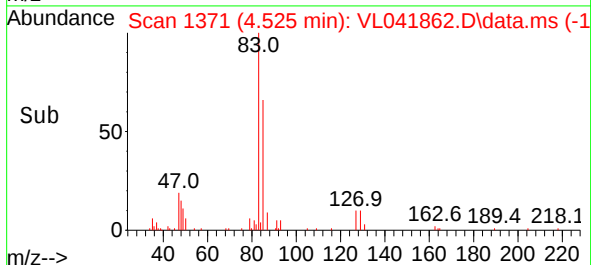
Tgt Ion: 42 Resp: 11404
Ion Ratio Lower Upper
42 100
72 36.8 30.8 46.2
71 39.9 30.1 45.1

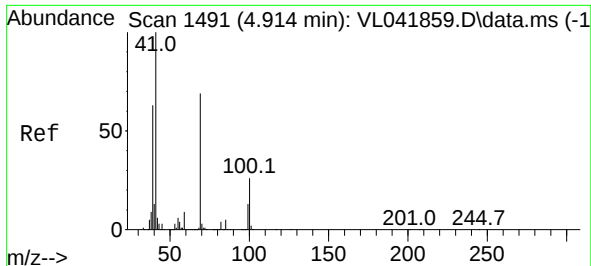


#42
Bromodichloromethane
Concen: 0.569 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. 0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53



Tgt Ion: 83 Resp: 18000
Ion Ratio Lower Upper
83 100
85 66.5 48.9 73.3
127 9.6 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.576 ppbv

RT: 4.923 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VL041862.D

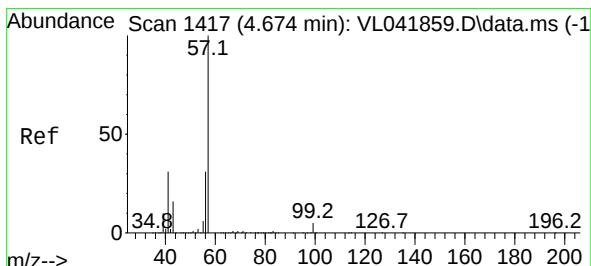
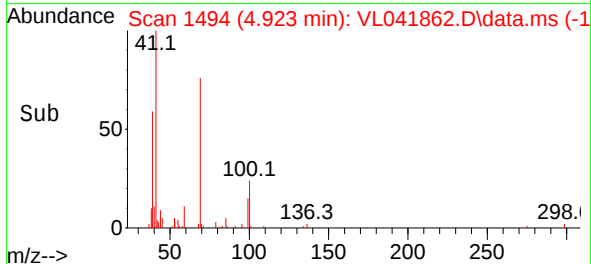
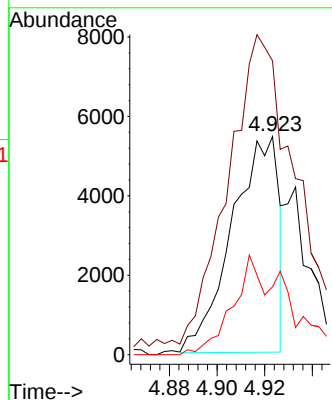
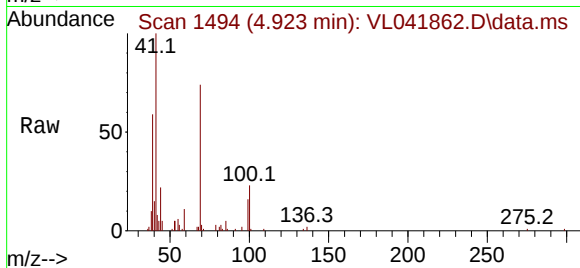
Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	7420
Ion Ratio	Lower	Upper	
69	100		
41	214.9	116.2	174.4#
100	54.1	29.8	44.8#



#44

2,2,4-Trimethylpentane

Concen: 0.604 ppbv

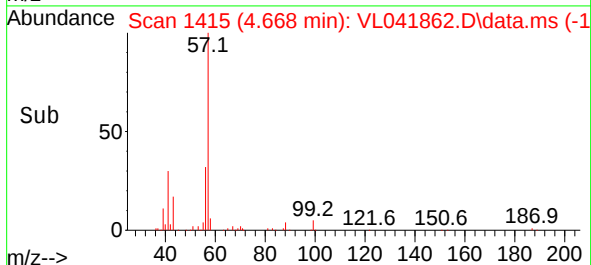
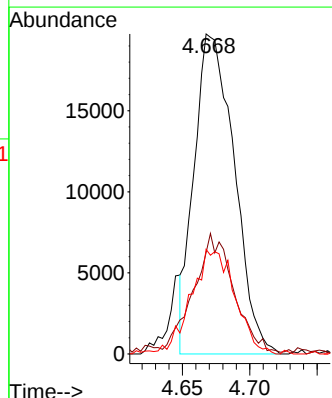
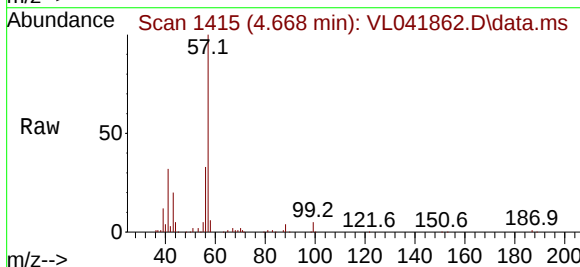
RT: 4.668 min Scan# 1415

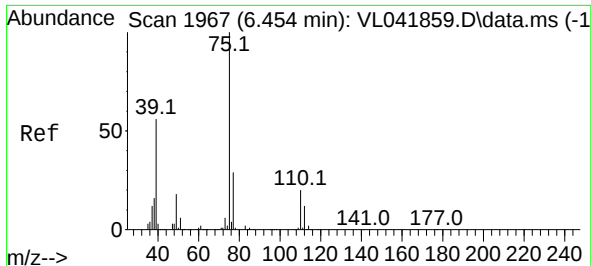
Delta R.T. -0.006 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion:	57	Resp:	40802
Ion Ratio	Lower	Upper	
57	100		
41	39.6	25.5	38.3#
56	36.1	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 0.844 ppbv

RT: 6.451 min Scan# 1966

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

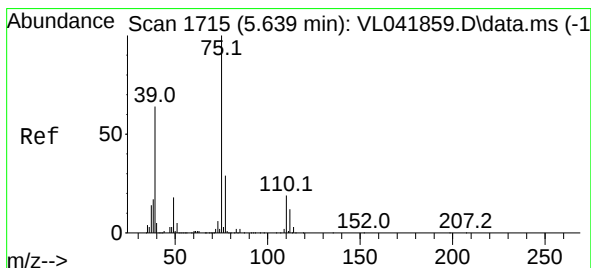
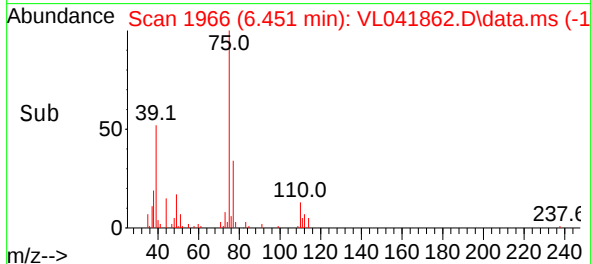
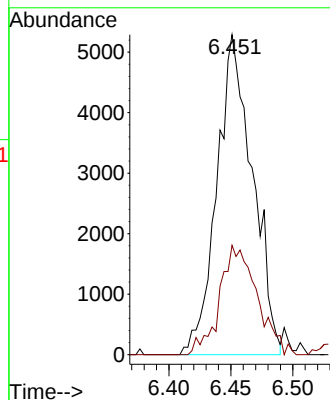
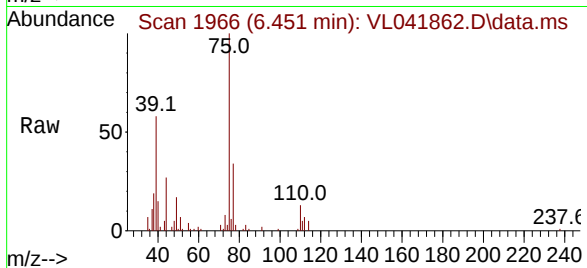
ClientSampleId :

Tgt Ion: 75 Resp: 10609

Ion Ratio Lower Upper

75 100

77 34.1 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 0.831 ppbv

RT: 5.642 min Scan# 1716

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

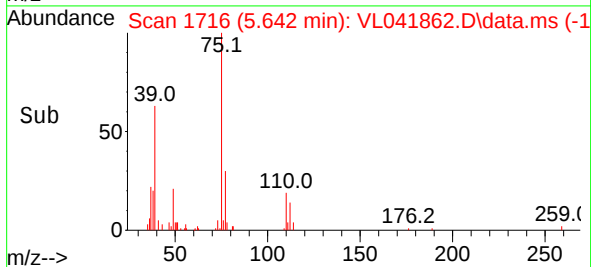
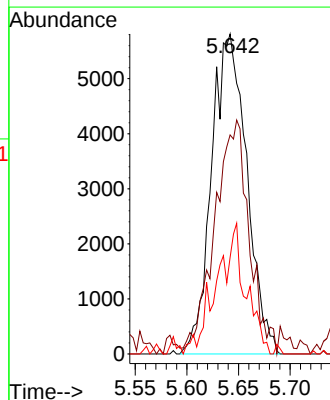
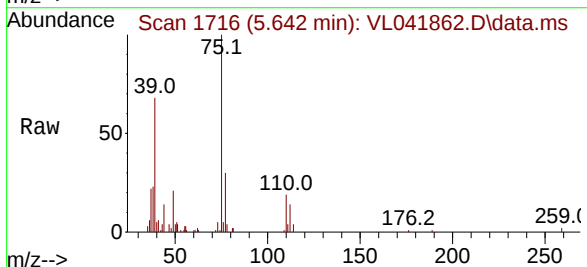
Tgt Ion: 75 Resp: 13758

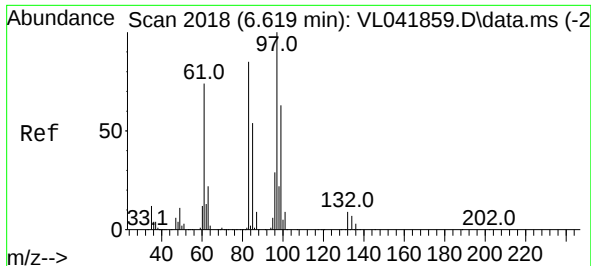
Ion Ratio Lower Upper

75 100

39 66.6 51.4 77.2

77 28.6 23.0 34.4

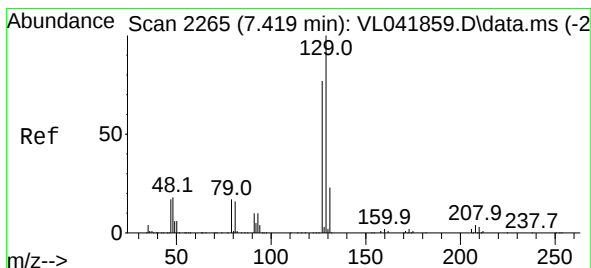
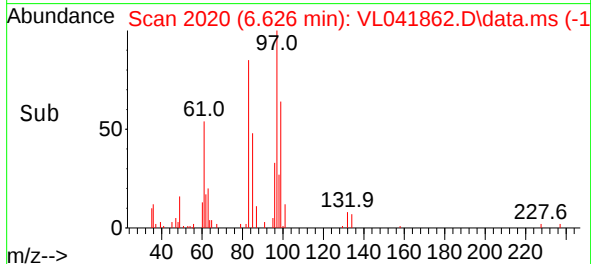
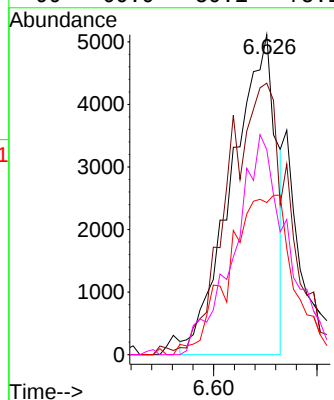
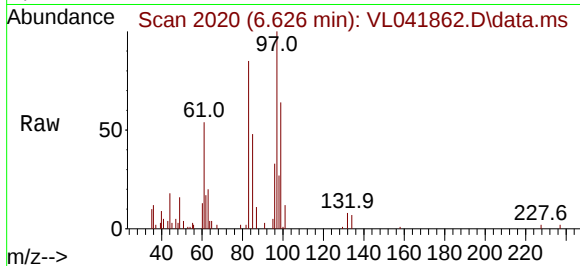




#47
1,1,2-Trichloroethane
Concen: 0.457 ppbv
RT: 6.626 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

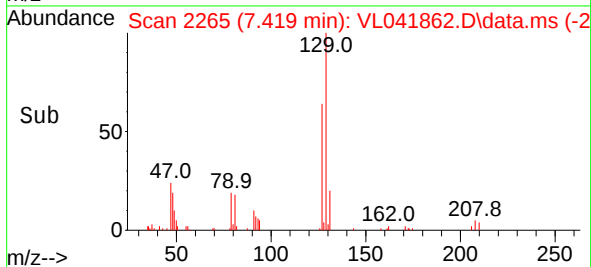
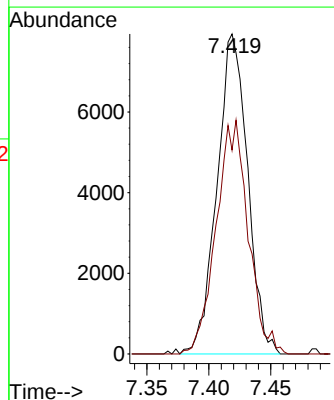
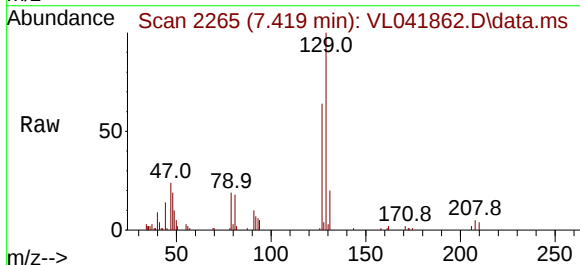
Instrument :
MSVOA_L
ClientSampleId :

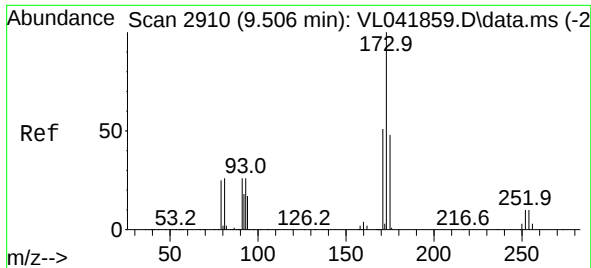
Tgt Ion: 97	Resp: 7651
Ion Ratio	Lower Upper
97 100	
83 86.2	68.1 102.1
85 46.3	43.4 65.2
99 66.9	50.1 75.1



#48
Dibromochloromethane
Concen: 0.640 ppbv
RT: 7.419 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion:129	Resp: 13671
Ion Ratio	Lower Upper
129 100	
127 76.3	39.4 118.1





#49

Bromoform

Concen: 0.654 ppbv

RT: 9.510 min Scan# 2910

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

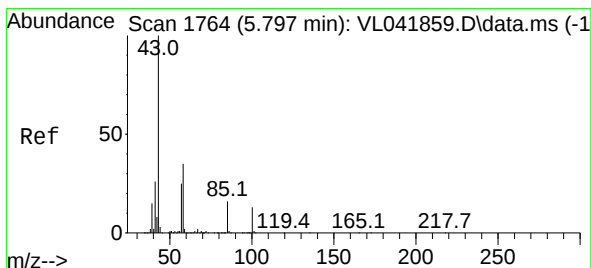
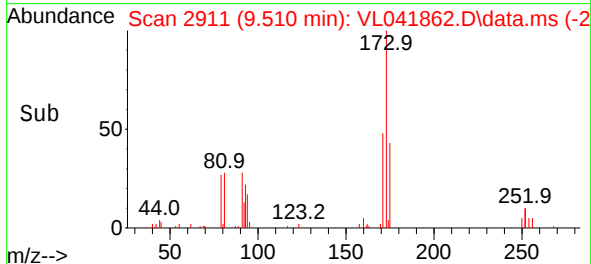
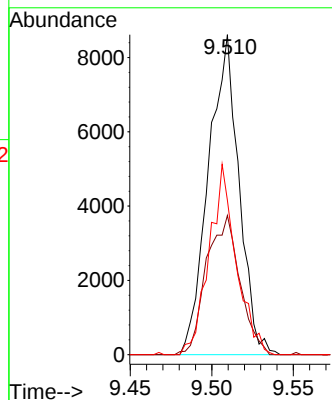
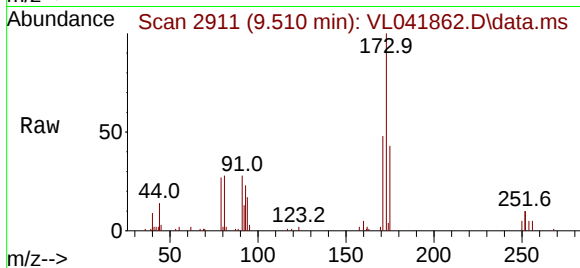
Tgt Ion:173 Resp: 11202

Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

171 53.0 41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 0.149 ppbv

RT: 5.797 min Scan# 1764

Delta R.T. -0.000 min

Lab File: VL041862.D

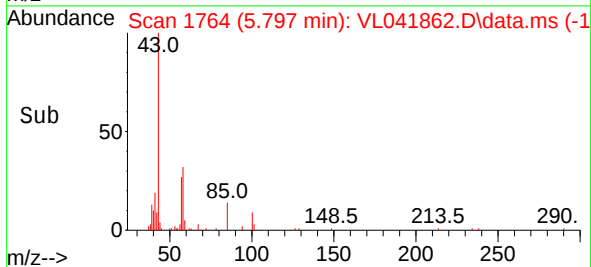
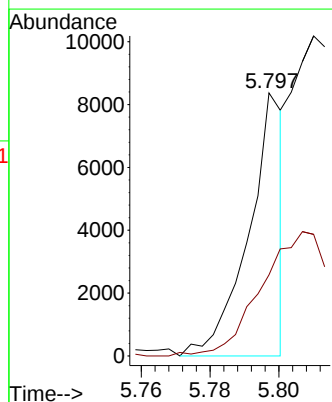
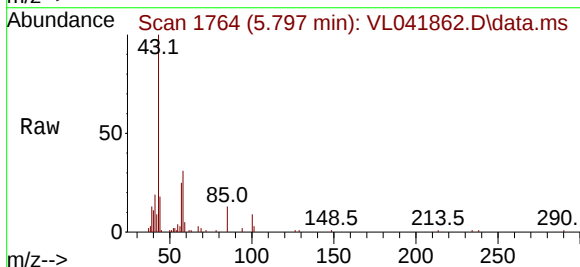
Acq: 09 Jan 2025 12:53

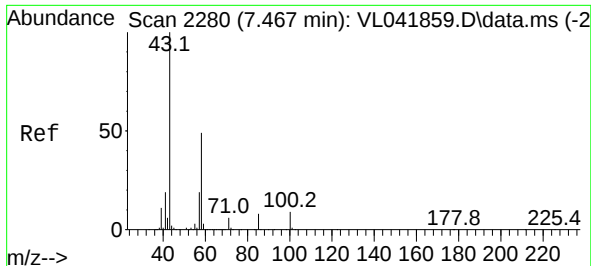
Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#

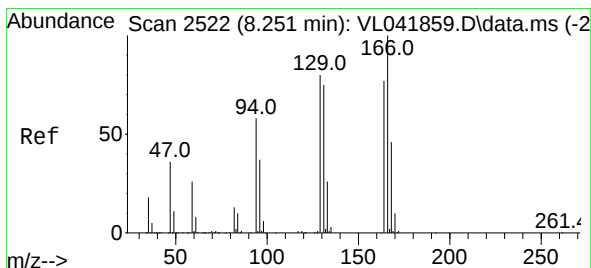
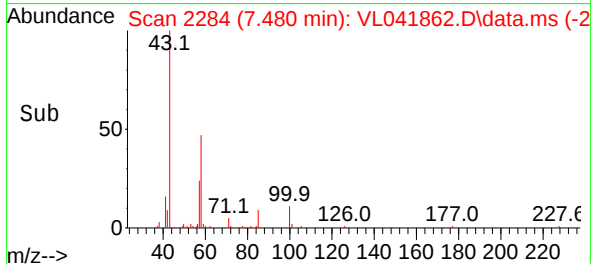
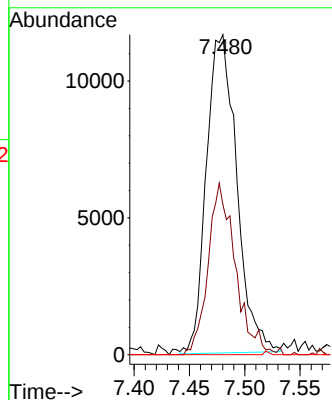
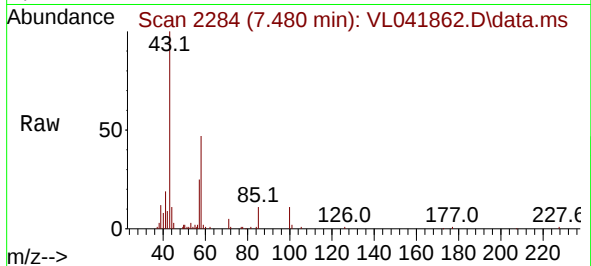




#51
2-Hexanone
Concen: 0.750 ppbv
RT: 7.480 min Scan# 2280
Delta R.T. 0.013 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

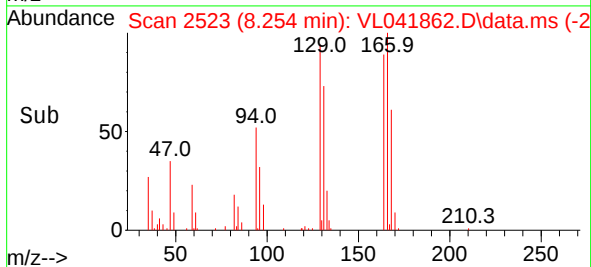
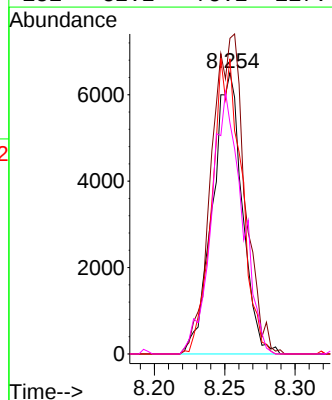
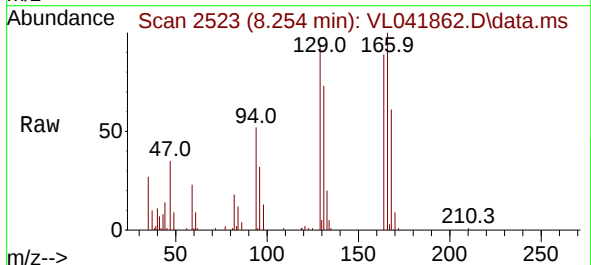
Instrument :
MSVOA_L
ClientSampleId :

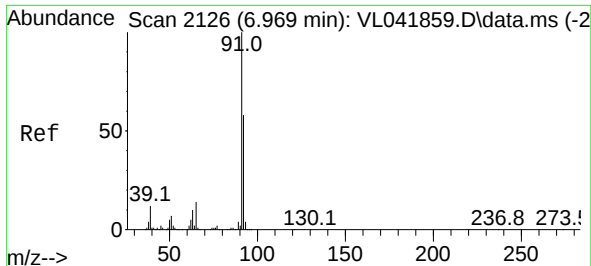
Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 48.7 40.0 60.0
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.785 ppbv
RT: 8.254 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion: 164 Resp: 9543
Ion Ratio Lower Upper
164 100
166 112.2 103.6 155.4
129 105.0 82.6 123.8
131 82.2 78.2 117.4





#53

Toluene

Concen: 0.848 ppbv

RT: 6.966 min Scan# 2126

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

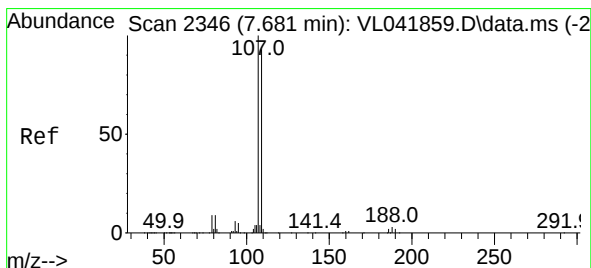
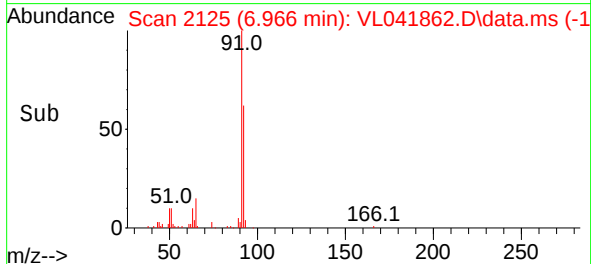
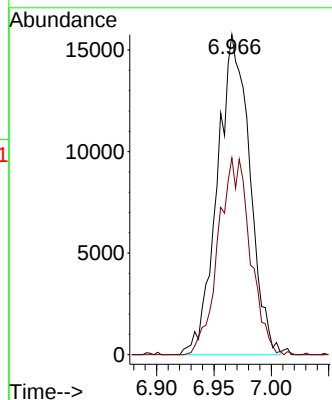
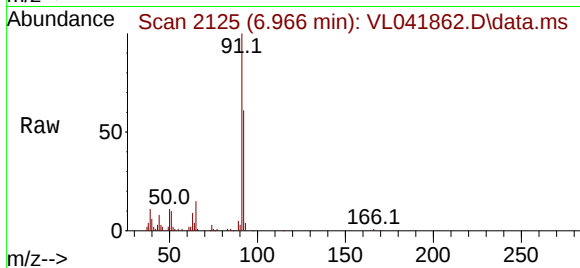
ClientSampleId :

Tgt Ion: 91 Resp: 30969

Ion Ratio Lower Upper

91 100

92 60.9 47.2 70.8



#54

1,2-Dibromoethane

Concen: 0.646 ppbv

RT: 7.684 min Scan# 2347

Delta R.T. 0.003 min

Lab File: VL041862.D

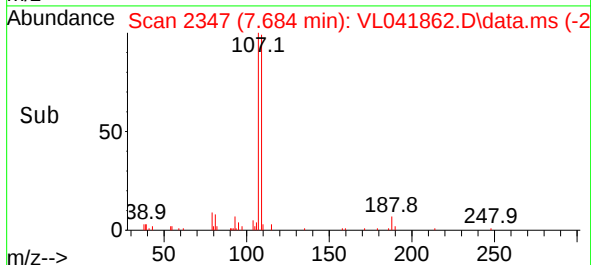
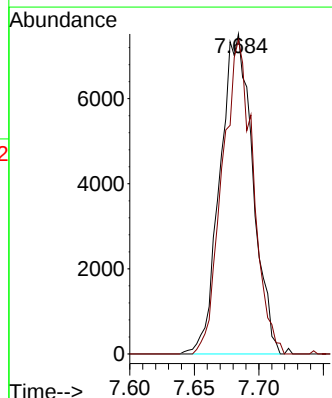
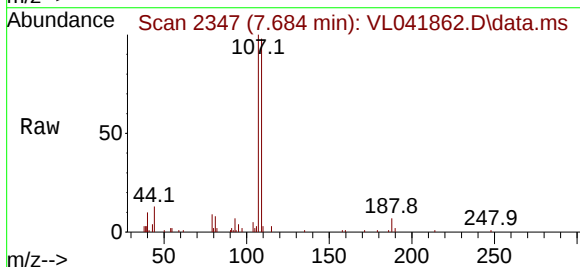
Acq: 09 Jan 2025 12:53

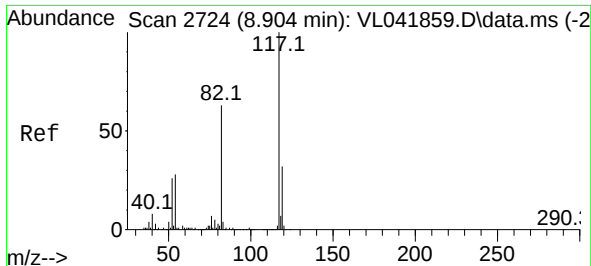
Tgt Ion: 107 Resp: 13281

Ion Ratio Lower Upper

107 100

109 98.2 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

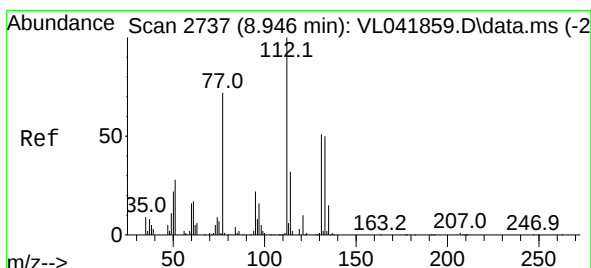
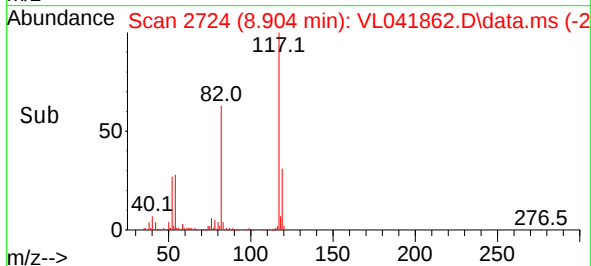
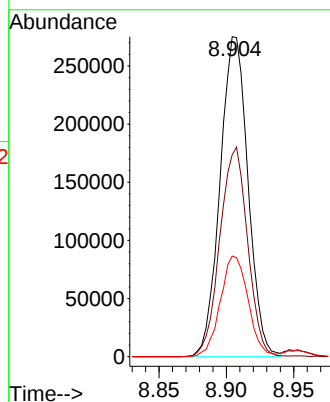
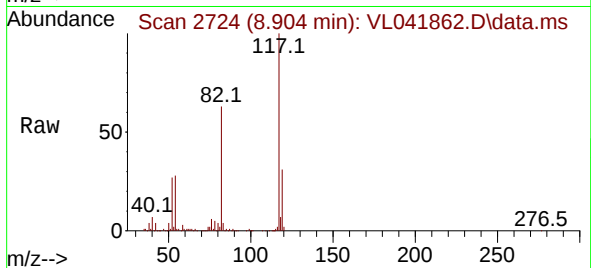
Tgt Ion:117 Resp: 397287

Ion Ratio Lower Upper

117 100

82 65.1 54.5 81.7

119 31.5 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.543 ppbv

RT: 8.950 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

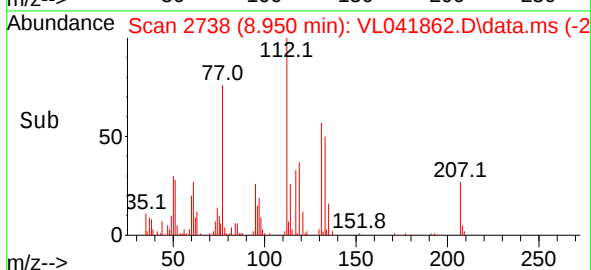
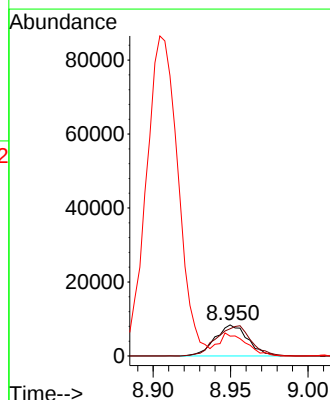
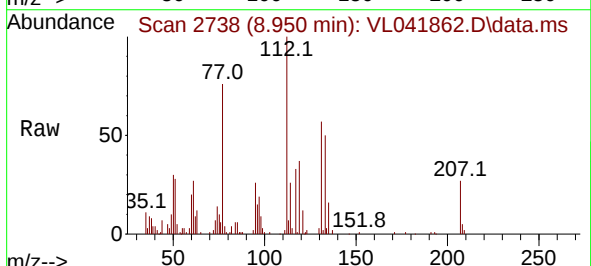
Tgt Ion:131 Resp: 12299

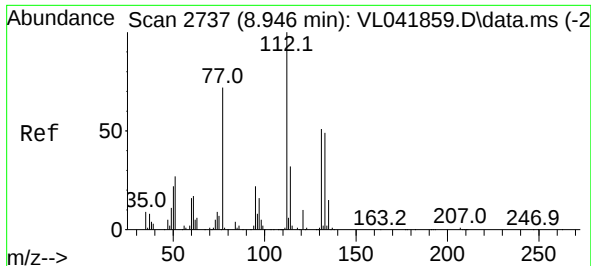
Ion Ratio Lower Upper

131 100

133 103.3 77.4 116.2

119 50.8 49.4 74.0





#57

Chlorobenzene

Concen: 0.560 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VL041862.D

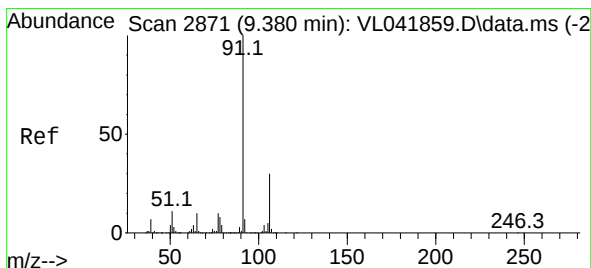
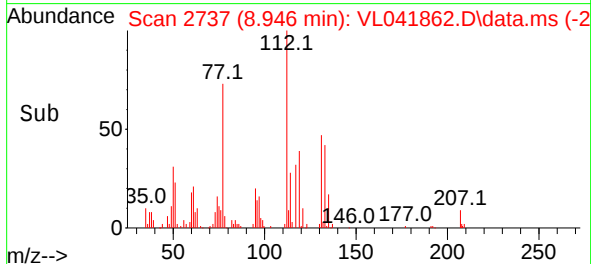
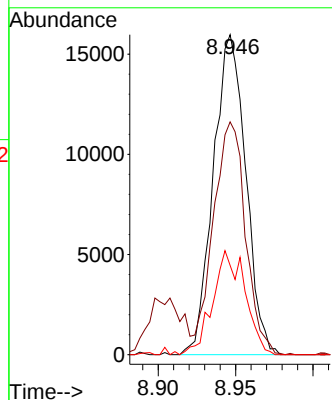
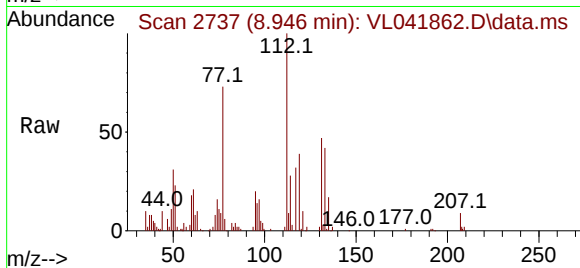
Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	23264
Ion Ratio	Lower	Upper
112	100	
77	72.3	58.3 87.5
114	27.9	28.9 35.3#



#58

Ethyl Benzene

Concen: 0.773 ppbv

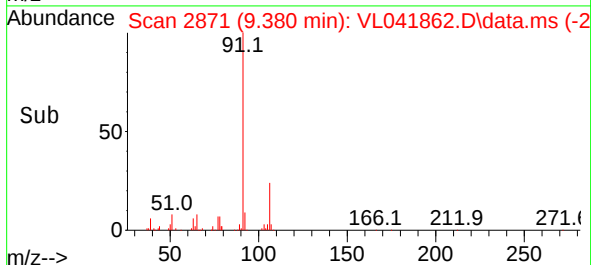
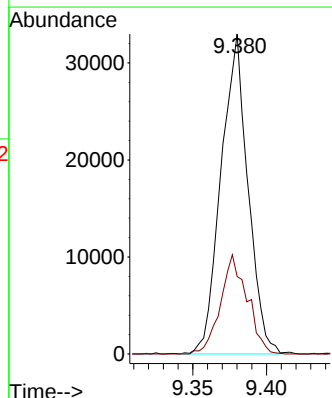
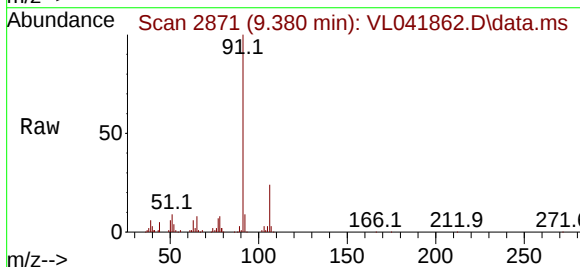
RT: 9.380 min Scan# 2871

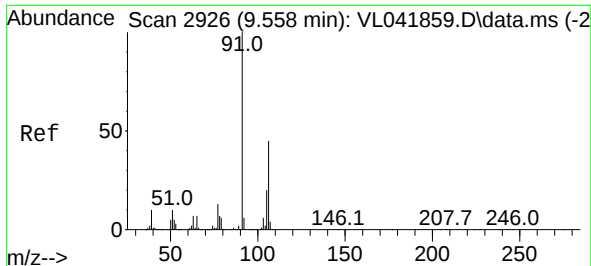
Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion: 91	Resp:	41863
Ion Ratio	Lower	Upper
91	100	
106	24.2	24.2 36.2





#59

m/p-Xylene

Concen: 0.752 ppbv

RT: 9.555 min Scan# 2926

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

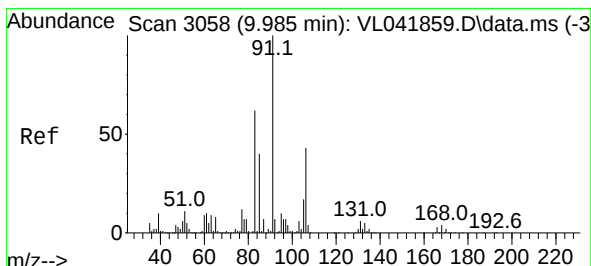
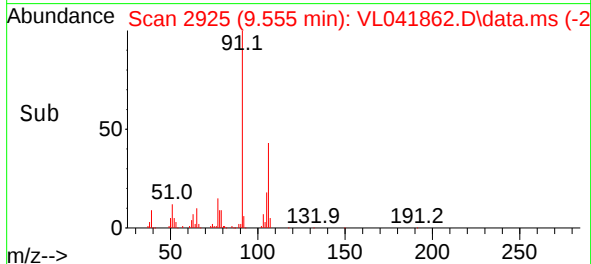
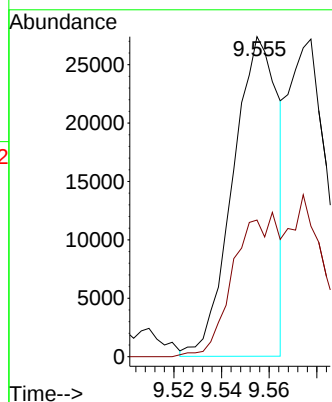
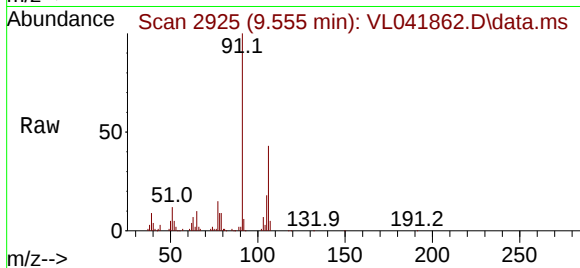
ClientSampleId :

Tgt Ion: 91 Resp: 35867

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.732 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041862.D

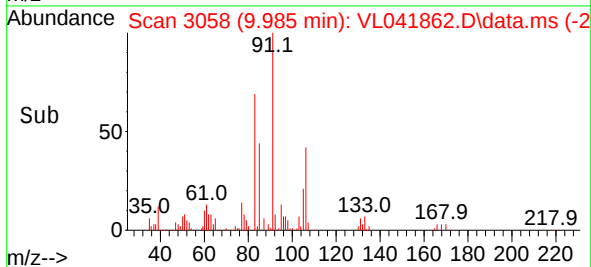
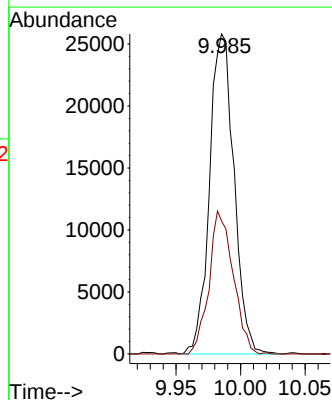
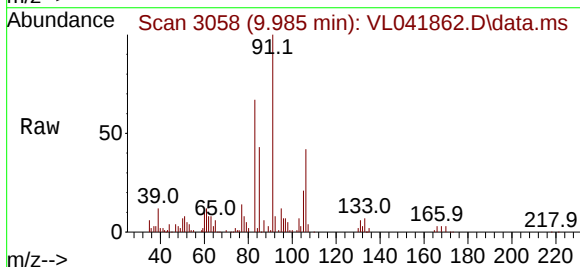
Acq: 09 Jan 2025 12:53

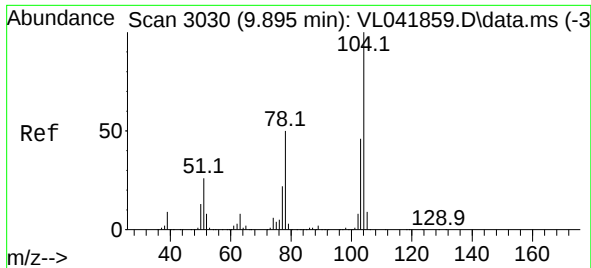
Tgt Ion: 91 Resp: 34021

Ion Ratio Lower Upper

91 100

106 44.1 21.4 64.3

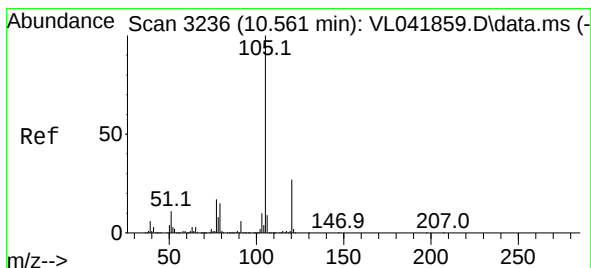
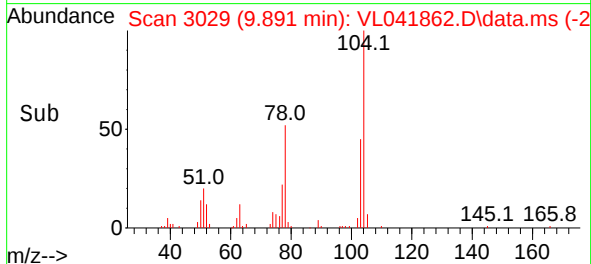
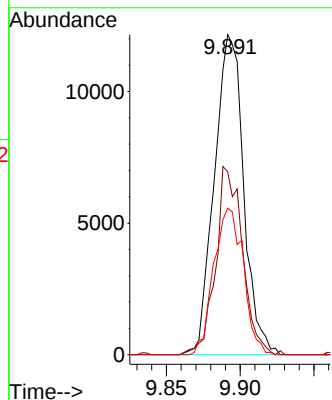
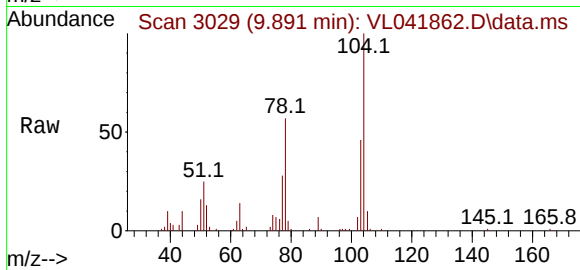




#61
Styrene
Concen: 0.931 ppbv
RT: 9.891 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

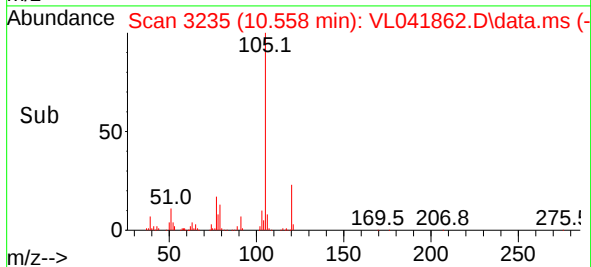
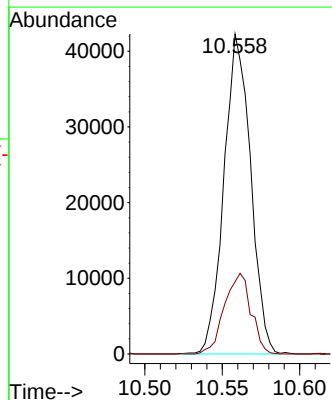
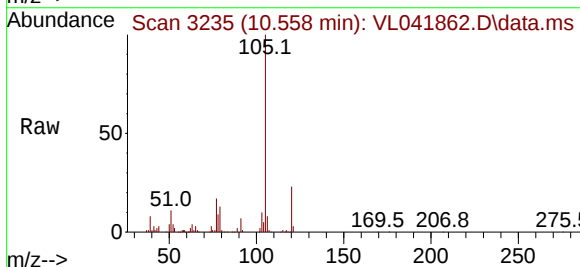
Instrument :
MSVOA_L
ClientSampleId :

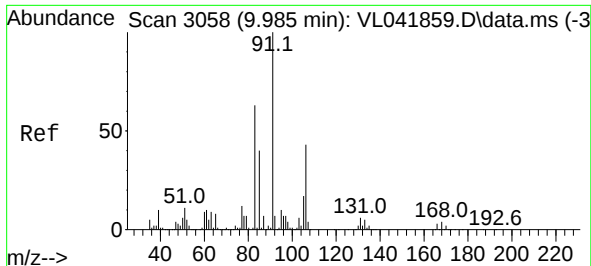
Tgt Ion:104 Resp: 16798
Ion Ratio Lower Upper
104 100
78 53.7 40.7 61.1
103 46.2 37.0 55.6



#62
Isopropylbenzene
Concen: 0.692 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion:105 Resp: 50575
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.495 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

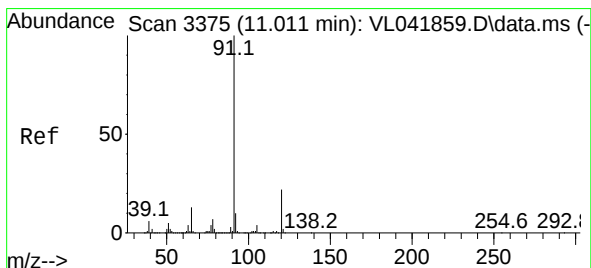
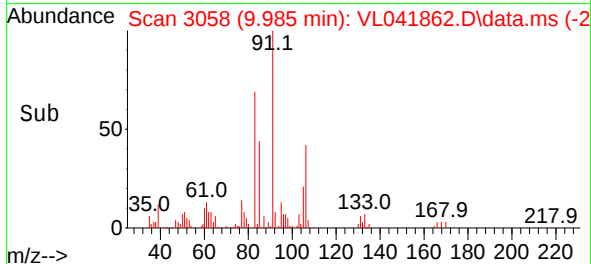
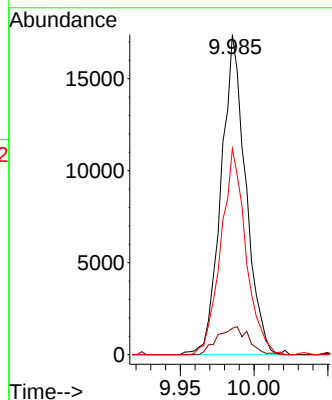
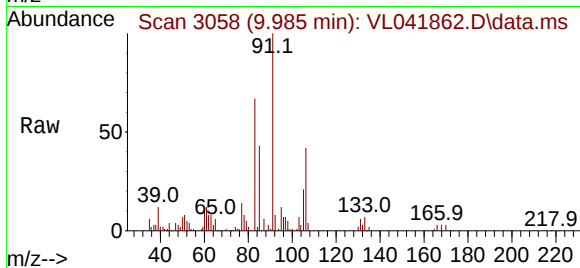
Tgt Ion: 83 Resp: 20172

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.3

85 65.7 32.1 96.3



#64

n-propylbenzene

Concen: 0.712 ppbv

RT: 11.008 min Scan# 3374

Delta R.T. -0.003 min

Lab File: VL041862.D

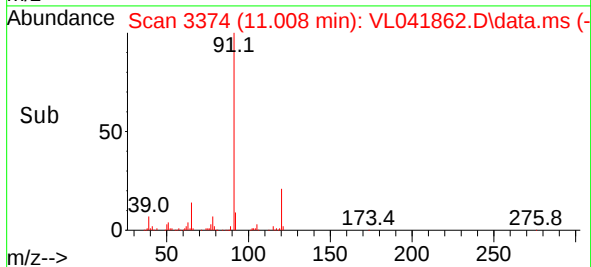
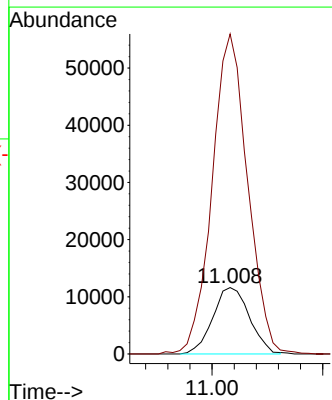
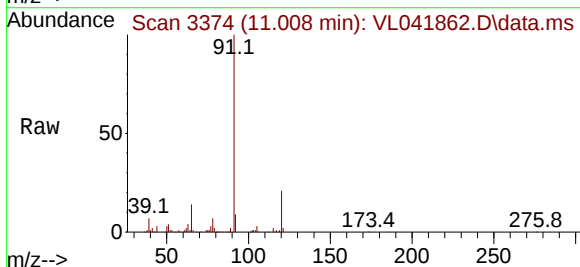
Acq: 09 Jan 2025 12:53

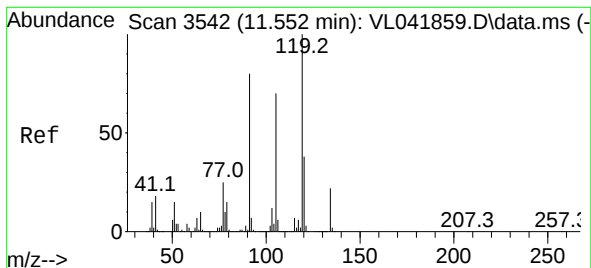
Tgt Ion: 120 Resp: 13351

Ion Ratio Lower Upper

120 100

91 466.9 376.9 565.3

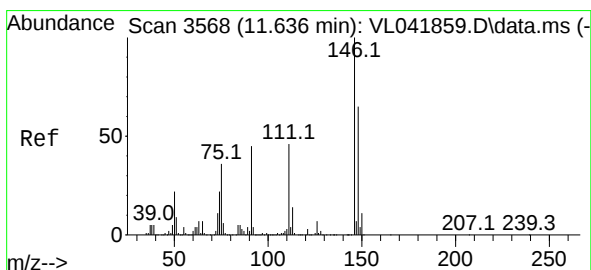
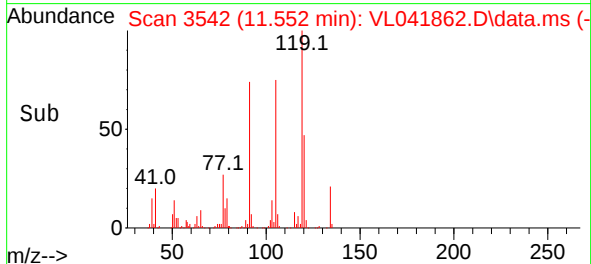
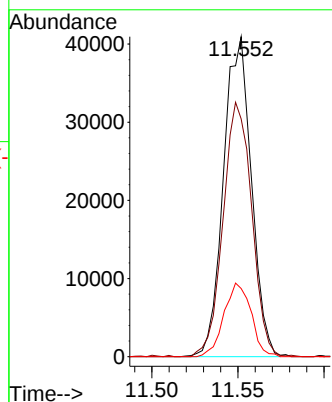
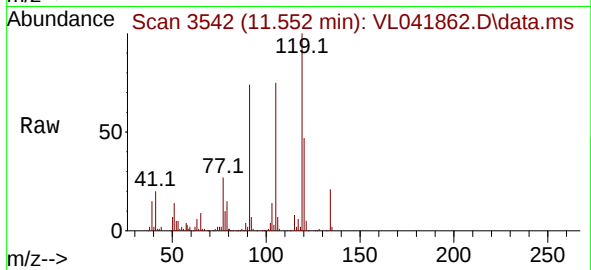




#65
tert-Butylbenzene
Concen: 0.700 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

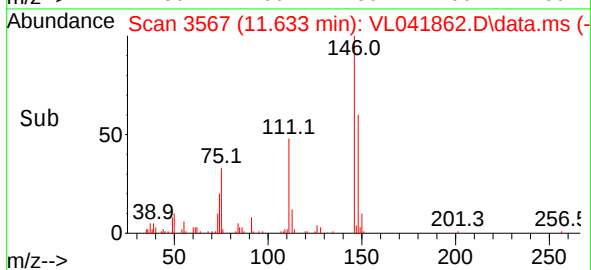
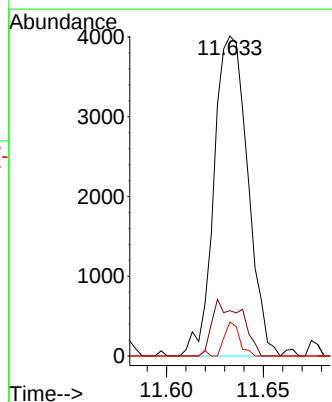
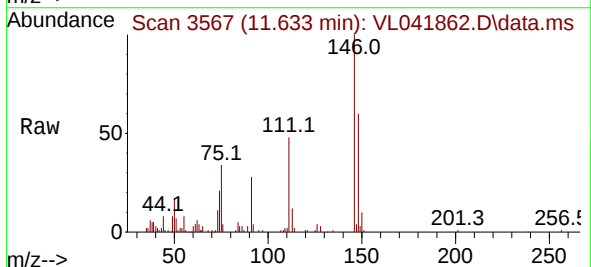
Instrument :
MSVOA_L
ClientSampleId :

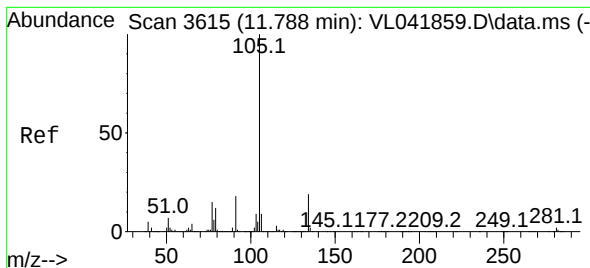
Tgt Ion:119 Resp: 46079
Ion Ratio Lower Upper
119 100
91 82.2 64.6 97.0
134 22.4 16.9 25.3



#66
Benzyl Chloride
Concen: 0.881 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion: 91 Resp: 4858
Ion Ratio Lower Upper
91 100
126 15.4 13.9 20.9
128 5.0 4.8 7.2





#67

sec-Butylbenzene

Concen: 0.677 ppbv

RT: 11.788 min Scan# 3615

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

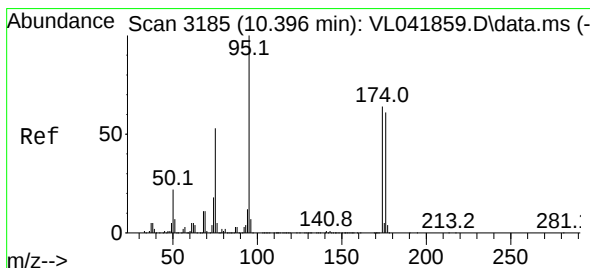
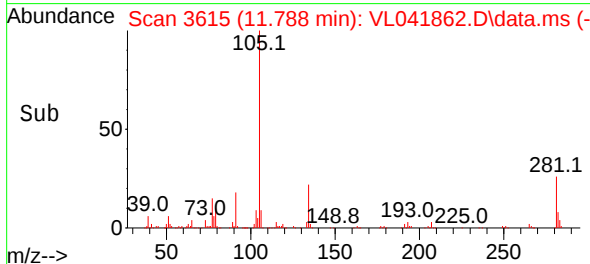
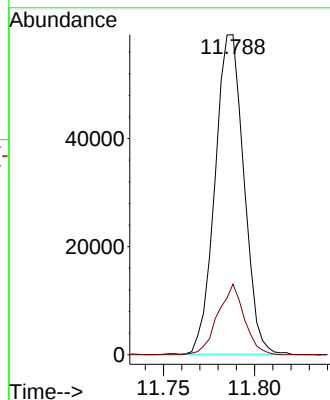
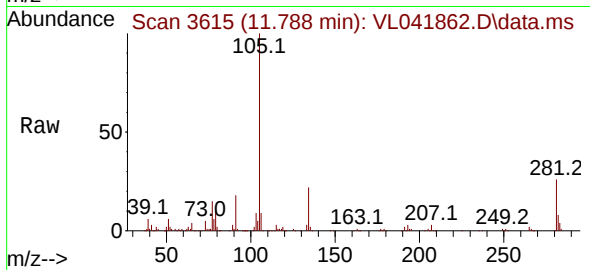
ClientSampleId :

Tgt Ion:105 Resp: 65001

Ion Ratio Lower Upper

105 100

134 20.3 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.411 ppbv

RT: 10.396 min Scan# 3185

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

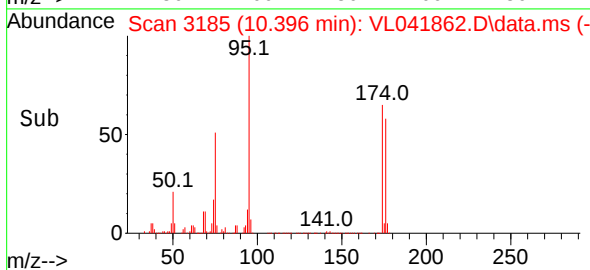
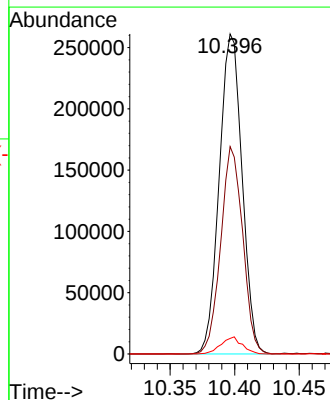
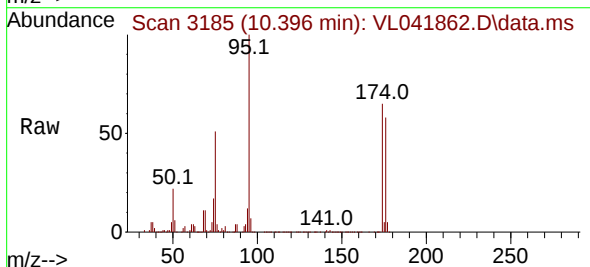
Tgt Ion: 95 Resp: 320213

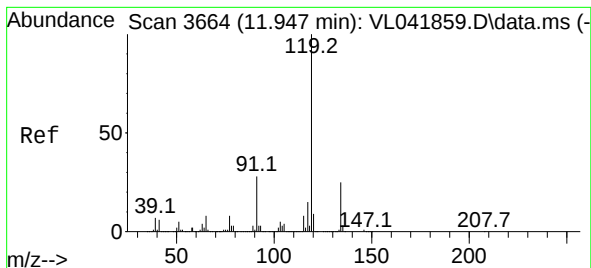
Ion Ratio Lower Upper

95 100

174 62.5 51.1 76.7

175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.713 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

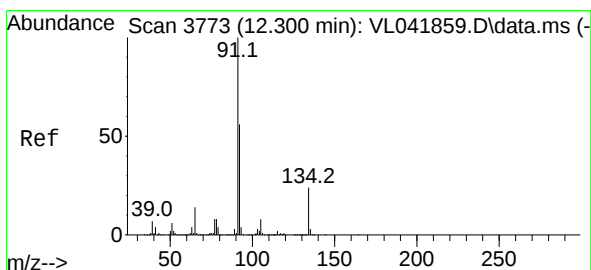
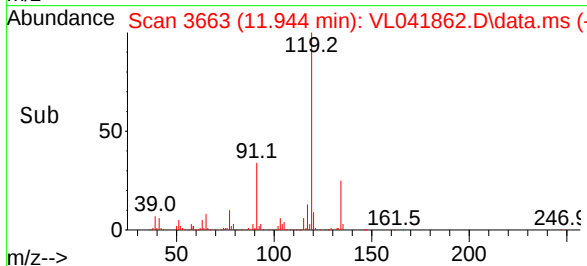
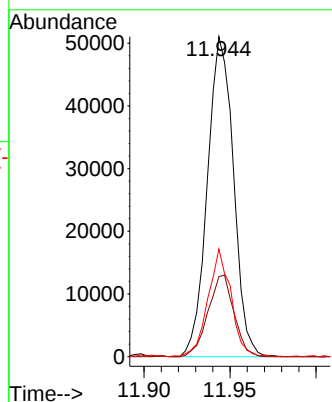
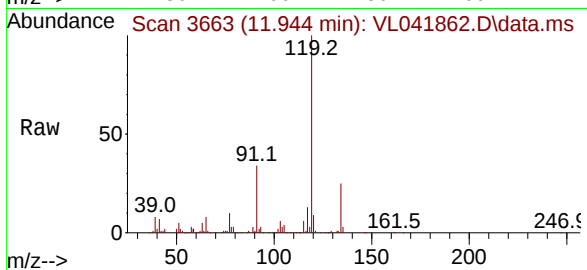
Tgt Ion:119 Resp: 53789

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

91 30.3 22.6 34.0



#70

n-Butylbenzene

Concen: 0.733 ppbv

RT: 12.300 min Scan# 3773

Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

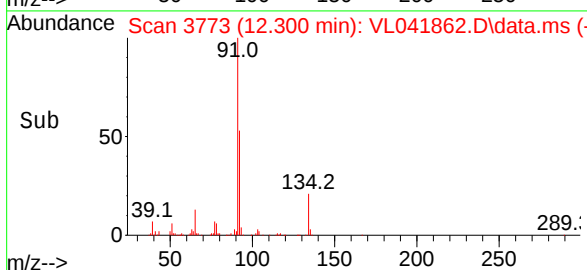
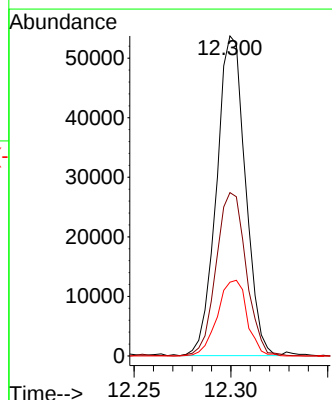
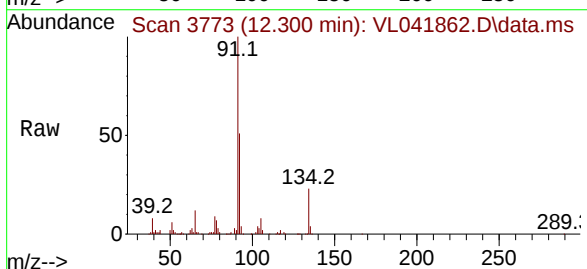
Tgt Ion: 91 Resp: 55556

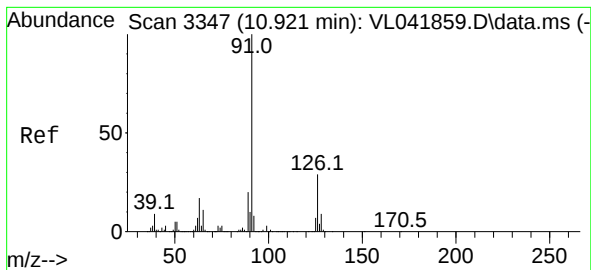
Ion Ratio Lower Upper

91 100

92 53.5 43.8 65.8

134 24.3 19.3 28.9

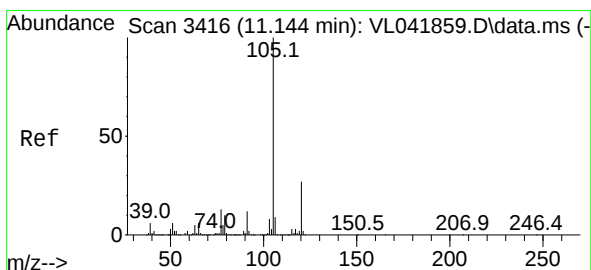
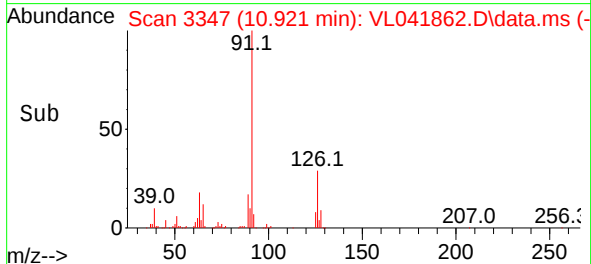
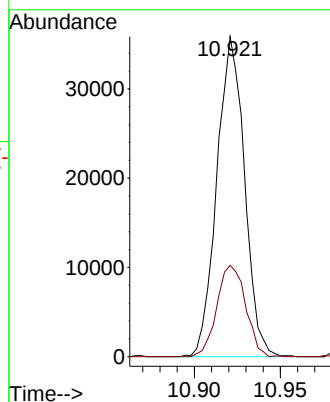
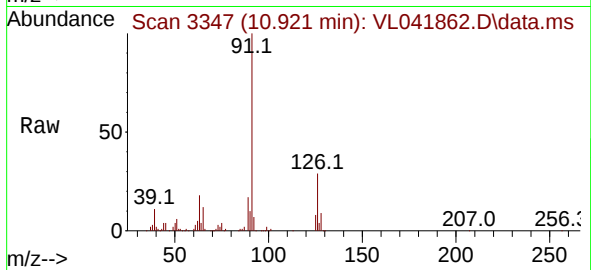




#71
2-Chlorotoluene
Concen: 0.757 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

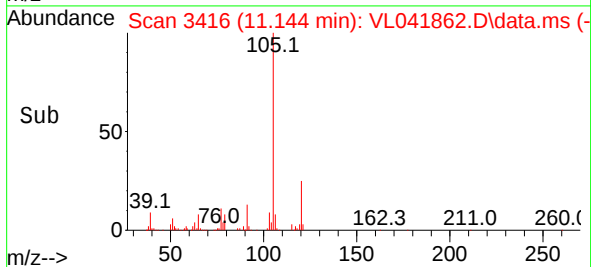
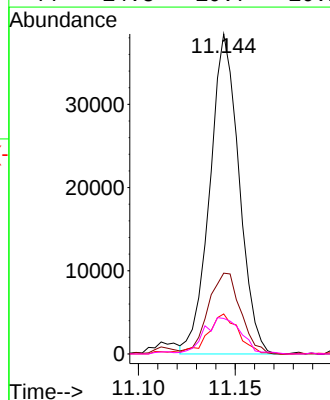
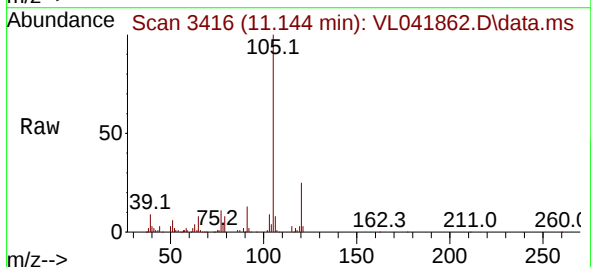
Instrument :
MSVOA_L
ClientSampleId :

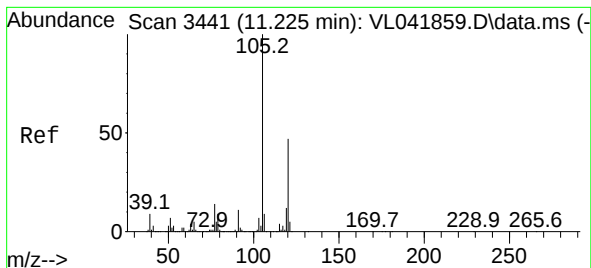
Tgt Ion: 91 Resp: 40116
Ion Ratio Lower Upper
91 100
126 29.6 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.718 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

Tgt Ion:105 Resp: 40352
Ion Ratio Lower Upper
105 100
120 29.5 23.5 35.3
91 13.7 9.8 14.8
77 14.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.698 ppbv

RT: 11.222 min Scan# 3441

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

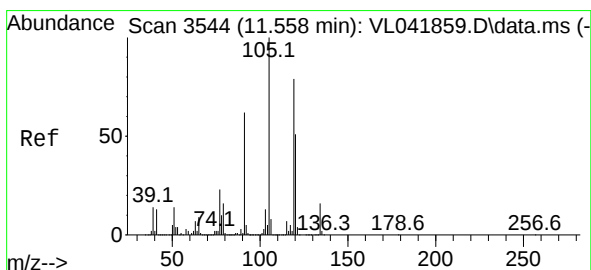
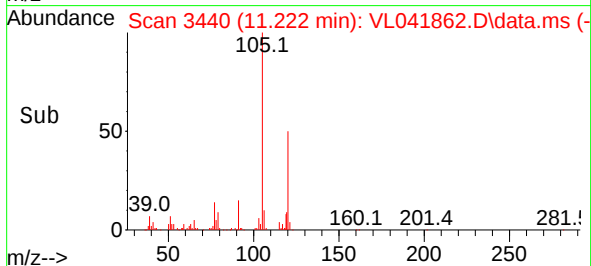
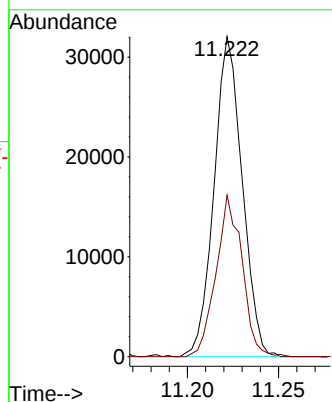
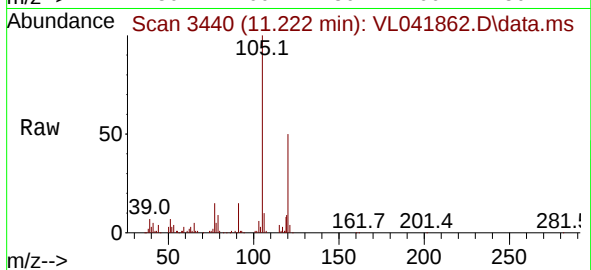
ClientSampleId :

Tgt Ion:105 Resp: 34365

Ion Ratio Lower Upper

105 100

120 50.4 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.665 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. -0.003 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion:105 Resp: 37910

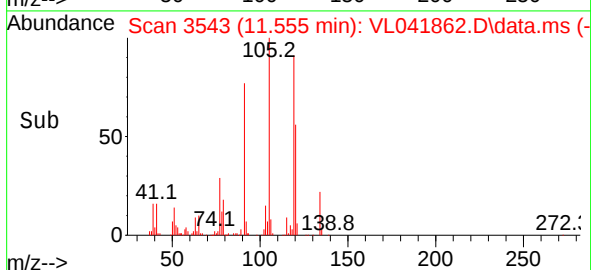
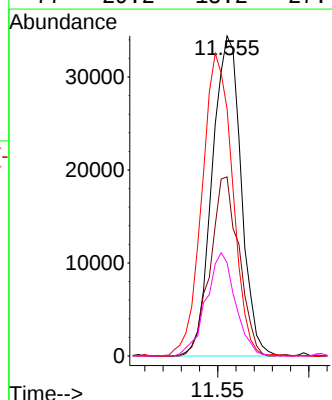
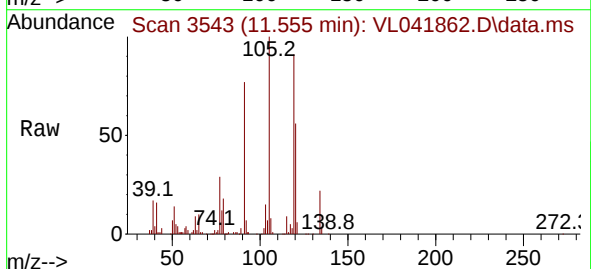
Ion Ratio Lower Upper

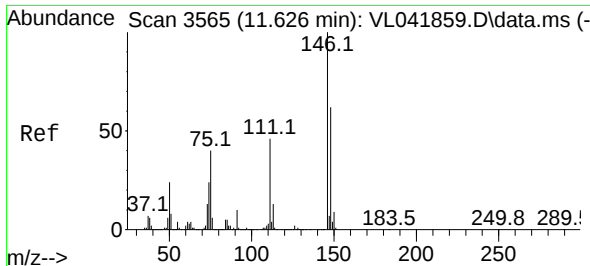
105 100

120 55.8 41.1 61.7

91 77.1 50.0 75.0#

77 29.2 18.2 27.4#

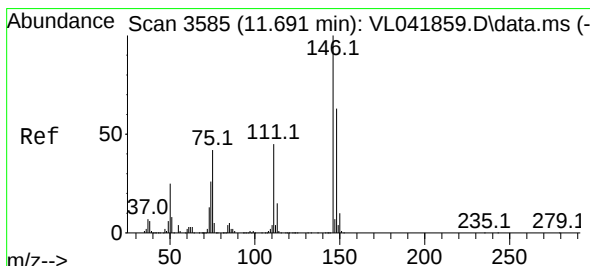
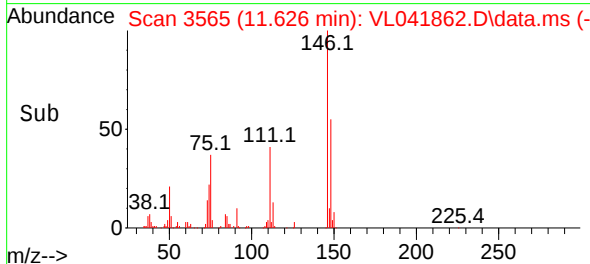
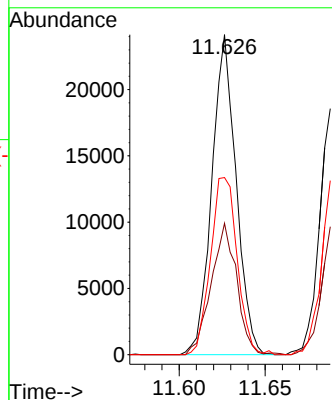
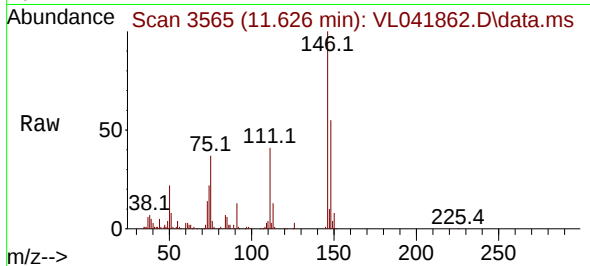




#75
1,3-Dichlorobenzene
Concen: 0.619 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

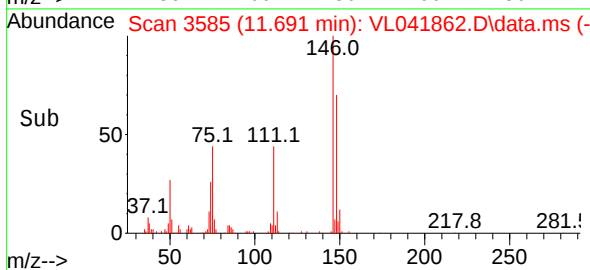
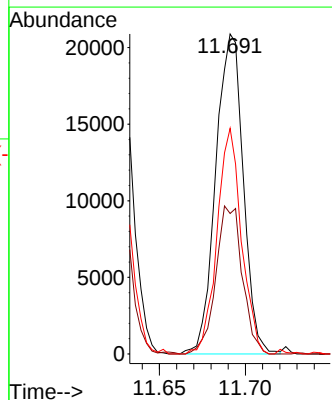
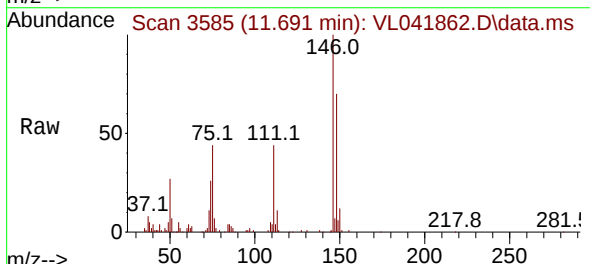
Instrument :
MSVOA_L
ClientSampleId :

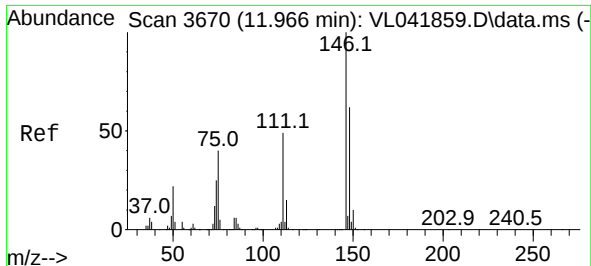
Tgt Ion:146 Resp: 23642
Ion Ratio Lower Upper
146 100
111 43.3 23.2 69.5
148 61.0 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.633 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

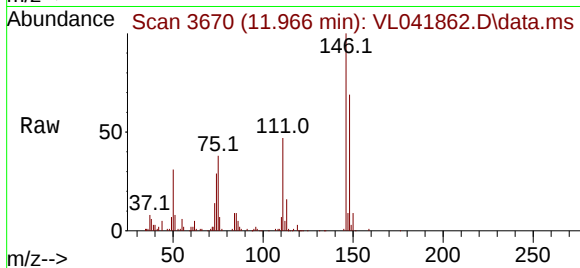
Tgt Ion:146 Resp: 23242
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.1
148 63.2 31.2 93.6



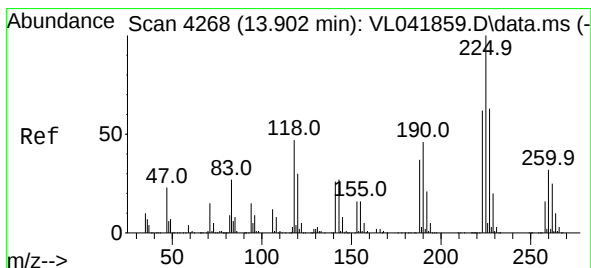
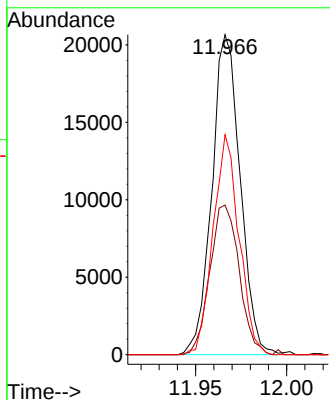
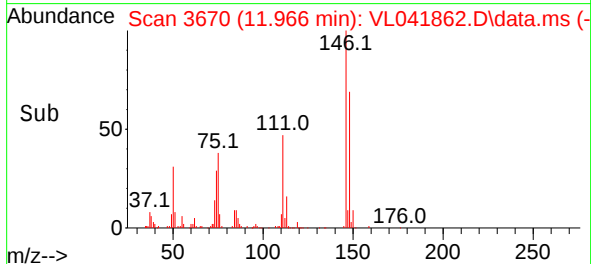


#77
1,2-Dichlorobenzene
Concen: 0.561 ppbv
RT: 11.966 min Scan# 3670
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53

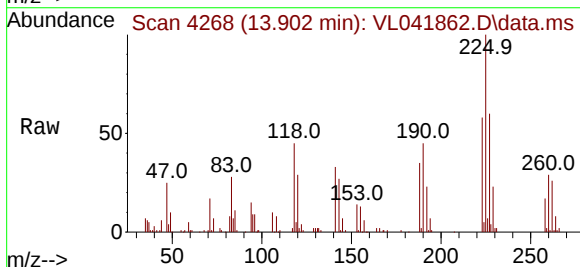
Instrument :
MSVOA_L
ClientSampleId :



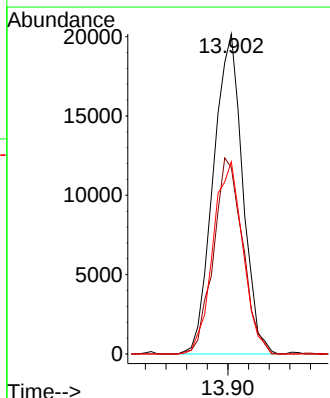
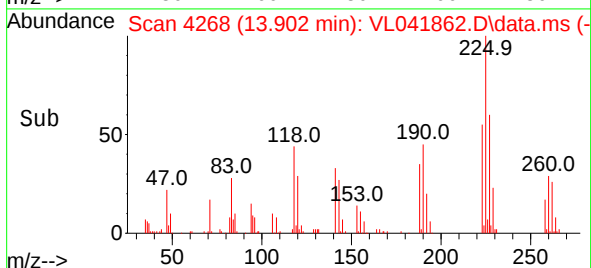
Tgt Ion:146 Resp: 22337
Ion Ratio Lower Upper
146 100
111 48.7 24.1 72.3
148 62.9 31.5 94.5

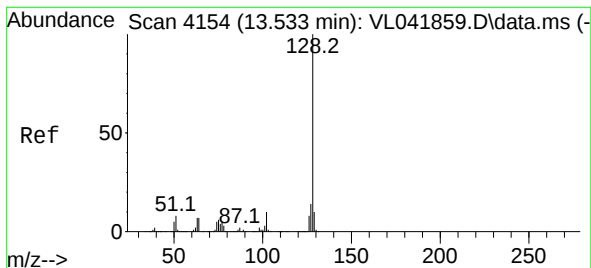


#78
Hexachloro-1,3-Butadiene
Concen: 0.703 ppbv
RT: 13.902 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041862.D
Acq: 09 Jan 2025 12:53



Tgt Ion:225 Resp: 19853
Ion Ratio Lower Upper
225 100
223 61.4 50.6 75.8
227 61.1 50.9 76.3





#79

Naphthalene

Concen: 1.007 ppbv

RT: 13.533 min Scan# 4154

Delta R.T. -0.000 min

Lab File: VL041862.D

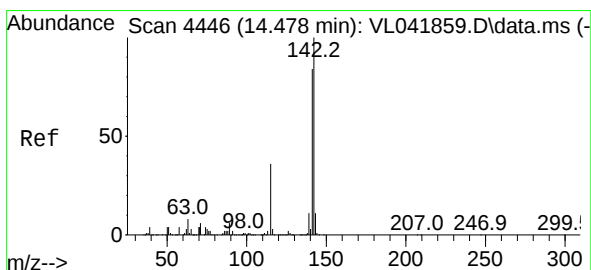
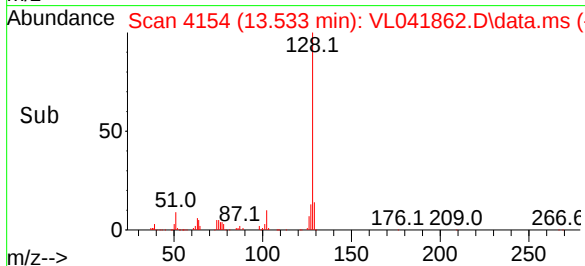
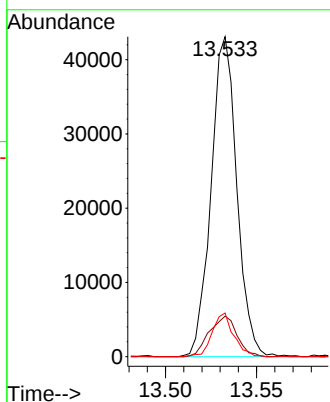
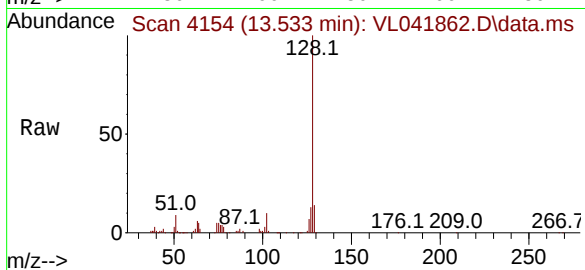
Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	42331
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	13.7	8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 1.524 ppbv

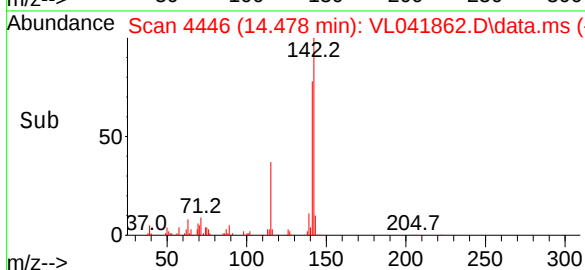
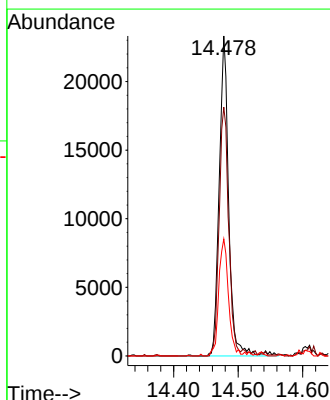
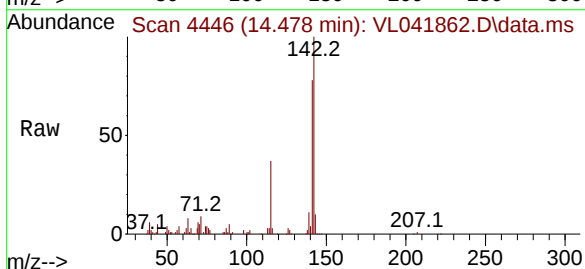
RT: 14.478 min Scan# 4446

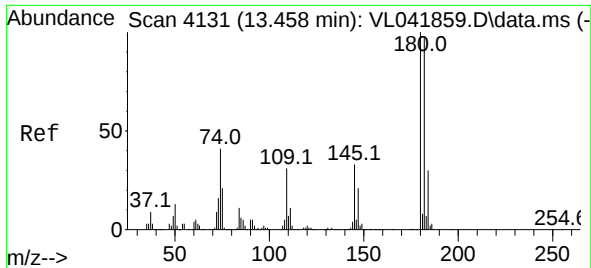
Delta R.T. -0.000 min

Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Tgt Ion:142	Resp:	23705
Ion Ratio	Lower	Upper
142	100	
141	80.4	68.2 102.4
115	38.1	29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.858 ppbv

RT: 13.458 min Scan# 41

Delta R.T. -0.000 min

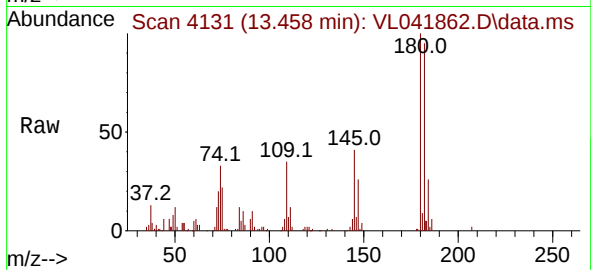
Lab File: VL041862.D

Acq: 09 Jan 2025 12:53

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	180	Resp:	19980
Ion Ratio	Lower	Upper	
180	100		
182	97.0	75.8	113.8
184	28.1	24.1	36.1

