

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042561.D
 Acq On : 21 May 2025 11:59
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Quant Time: May 21 23:02:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	108931	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	333676	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	285918	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	228365	9.980	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	877	0.043	ppbv	100
3) Chlorodifluoromethane	1.706	51	135	0.008	ppbv	92
4) Chloromethane	1.534	50	374	0.057	ppbv #	88
5) Vinyl Chloride	1.580	62	221	0.031	ppbv #	77
6) Bromomethane	1.670	94	161	0.039	ppbv #	60
7) Chloroethane	1.706	64	163	0.056	ppbv #	89
8) Dichlorotetrafluoroethane	1.554	85	705	0.041	ppbv	99
9) Propene	1.602	41	315	0.054	ppbv	87
10) Heptane	4.988	43	40	0.003	ppbv #	1
11) Trichlorofluoromethane	2.143	101	716	0.034	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.143	101	716	0.042	ppbv #	81
13) Ethanol	1.890	45	683	0.808	ppbv #	37
14) Bromoethene	1.784	108	257	0.040	ppbv #	63
15) Acetone	1.839	43	1693	0.112	ppbv	99
16) 1,3-Butadiene	1.612	39	177	0.029	ppbv #	65
17) tert-Butyl alcohol	2.046	59	654	0.037	ppbv #	76
18) 1,1-Dichloroethene	2.036	96	376	0.049	ppbv #	75
19) Isopropyl Alcohol	1.890	45	683	0.079	ppbv #	49
20) Methylene Chloride	2.062	84	1573	0.214	ppbv	92
21) Allyl Chloride	2.094	41	499	0.051	ppbv #	61
22) trans-1,2-Dichloroethene	2.036	96	376	0.044	ppbv	93
23) Vinyl Acetate	2.460	43	903	0.052	ppbv #	15
24) 1,1-Dichloroethane	2.412	63	617	0.042	ppbv #	86
25) Ethyl Acetate	2.836	43	323	0.011	ppbv #	74
26) Hexane	2.826	57	293	0.022	ppbv #	40
27) Carbon Disulfide	2.149	76	741	0.039	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	174	0.019	ppbv #	66
29) Chloroform	2.845	83	885	0.035	ppbv #	73
30) Cyclohexane	3.865	84	129	0.011	ppbv #	17
31) cis-1,2-Dichloroethene	2.726	61	413	0.028	ppbv #	85
32) 1,1,1-Trichloroethane	3.379	97	213	0.008	ppbv #	1
34) 2-Butanone	2.567	43	671	0.038	ppbv	96
35) Carbon Tetrachloride	3.764	117	1007	0.039	ppbv #	71
36) Benzene	3.658	78	546	0.020	ppbv #	58
37) 1,2-Dichloroethane	3.224	62	543	0.033	ppbv #	80
38) Trichloroethene	4.554	130	169	0.014	ppbv #	45
39) 1,2-Dichloropropane	3.962	63	77880	8.217	ppbv #	26
41) Tetrahydrofuran	3.065	42	65	0.008	ppbv #	33
42) Bromodichloromethane	4.489	83	395	0.017	ppbv #	78
43) Methyl Methacrylate	4.891	69	55	0.006	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	320	0.008	ppbv #	1
45) t-1,3-Dichloropropene	6.422	75	89	0.008	ppbv #	67
46) cis-1,3-Dichloropropene	5.603	75	93	0.007	ppbv #	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042561.D
 Acq On : 21 May 2025 11:59
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

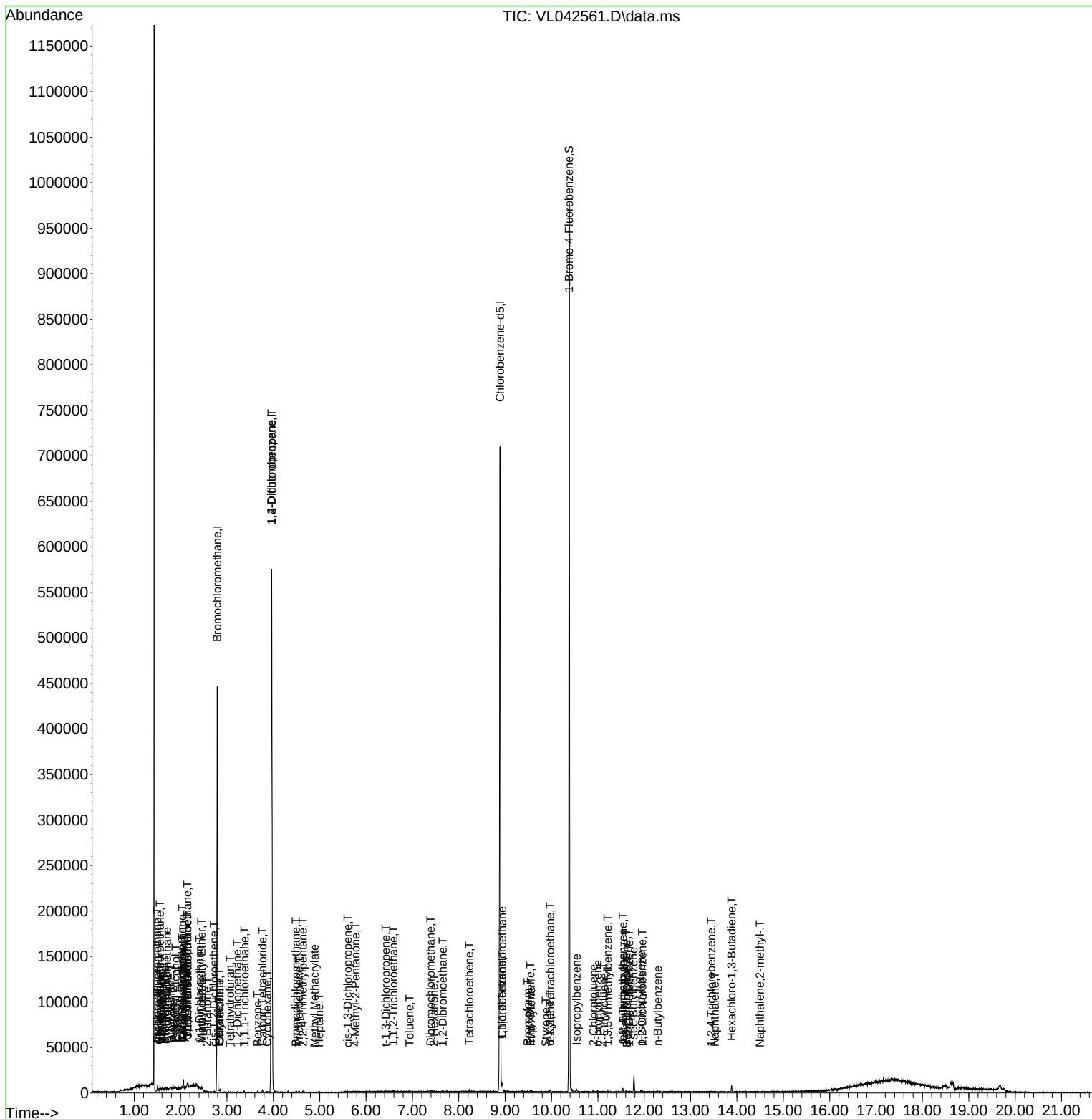
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

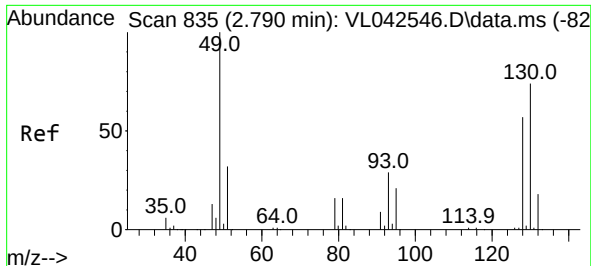
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 1,1,2-Trichloroethane	6.587	97	135	0.012	ppbv	#	46
48) Dibromochloromethane	7.390	129	355	0.018	ppbv	#	27
49) Bromoform	9.487	173	332	0.020	ppbv	#	44
50) 4-Methyl-2-Pentanone	5.774	43	73	0.003	ppbv	#	37
51) 2-Hexanone	7.461	43	107	0.007	ppbv	#	45
52) Tetrachloroethene	8.228	164	56	0.005	ppbv	#	22
53) Toluene	6.940	91	85	0.003	ppbv	#	1
54) 1,2-Dibromoethane	7.655	107	339	0.020	ppbv		93
56) 1,1,1,2-Tetrachloroethane	8.937	131	230	0.015	ppbv	#	1
57) Chlorobenzene	8.930	112	754	0.030	ppbv	#	88
58) Ethyl Benzene	9.542	91	290	0.008	ppbv		90
59) m/p-Xylene	9.558	91	277	0.009	ppbv	#	1
60) o-Xylene	9.966	91	275	0.009	ppbv		73
61) Styrene	9.879	104	160	0.013	ppbv	#	29
62) Isopropylbenzene	10.542	105	996	0.021	ppbv	#	88
63) 1,1,2,2-Tetrachloroethane	9.969	83	663	0.031	ppbv	#	93
64) n-propylbenzene	10.992	120	113	0.009	ppbv	#	1
65) tert-Butylbenzene	11.539	119	723	0.017	ppbv	#	92
66) Benzyl Chloride	11.630	91	33	0.006	ppbv	#	65
67) sec-Butylbenzene	11.769	105	902	0.015	ppbv	#	70
69) p-Isopropyltoluene	11.931	119	692	0.014	ppbv		93
70) n-Butylbenzene	12.290	91	522	0.011	ppbv	#	88
71) 2-Chlorotoluene	10.908	91	317	0.009	ppbv	#	44
72) 4-Ethyltoluene	11.134	105	531	0.014	ppbv	#	82
73) 1,3,5-Trimethylbenzene	11.212	105	244	0.007	ppbv	#	81
74) 1,2,4-Trimethylbenzene	11.539	105	789	0.019	ppbv	#	69
75) 1,3-Dichlorobenzene	11.610	146	483	0.019	ppbv		96
76) 1,4-Dichlorobenzene	11.675	146	355	0.015	ppbv		86
77) 1,2-Dichlorobenzene	11.956	146	464	0.019	ppbv		85
78) Hexachloro-1,3-Butadiene	13.882	225	704	0.034	ppbv	#	84
79) Naphthalene	13.523	128	303	0.010	ppbv	#	69
80) Naphthalene,2-methyl-	14.497	142	26	0.002	ppbv	#	77
81) 1,2,4-Trichlorobenzene	13.445	180	157	0.009	ppbv	#	49

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

Quant Time: May 21 23:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration

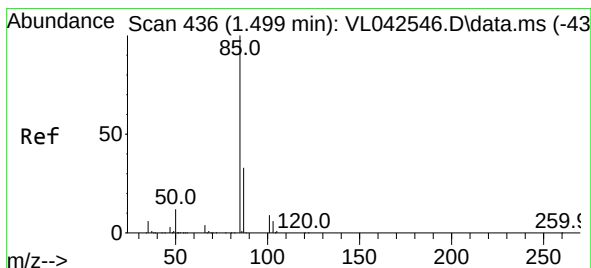
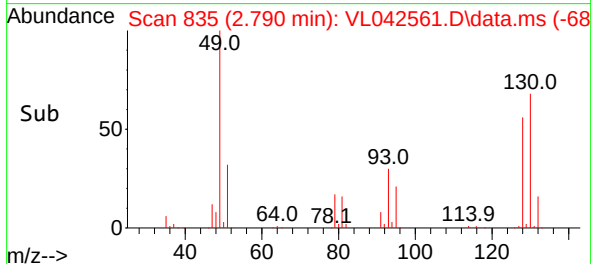
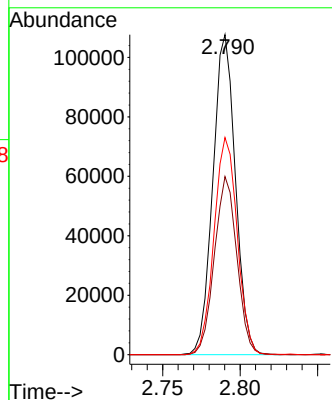
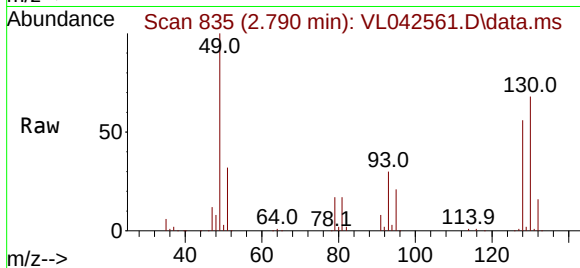




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

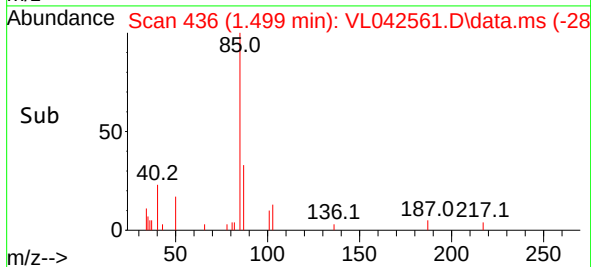
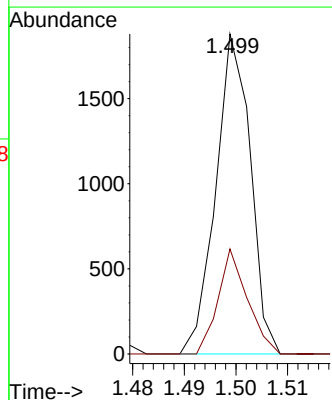
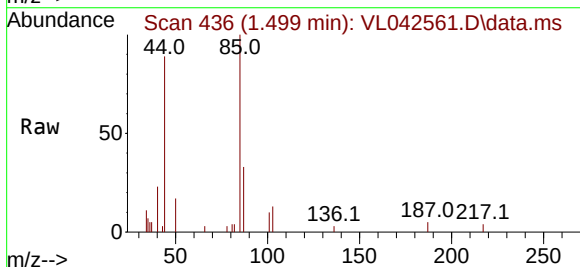
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

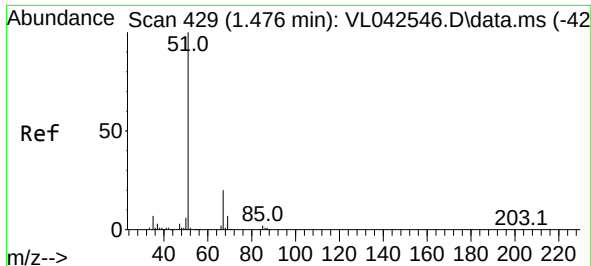
Tgt Ion: 49 Resp: 108931
Ion Ratio Lower Upper
49 100
128 55.5 28.6 85.8
130 70.0 36.6 109.8



#2
Dichlorodifluoromethane
Concen: 0.043 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 85 Resp: 877
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4

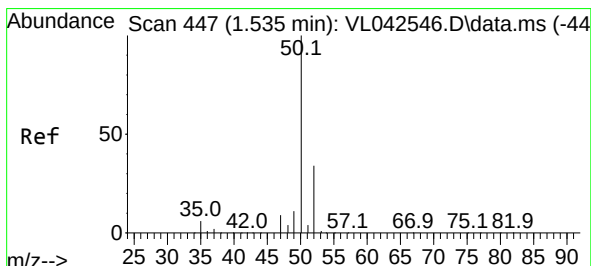
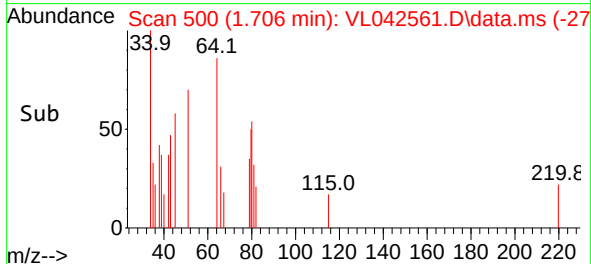
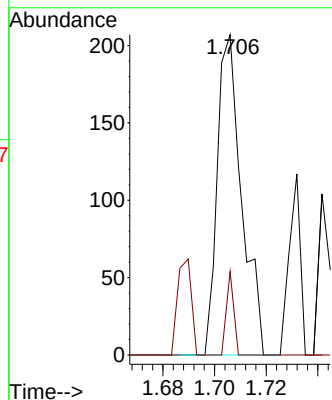
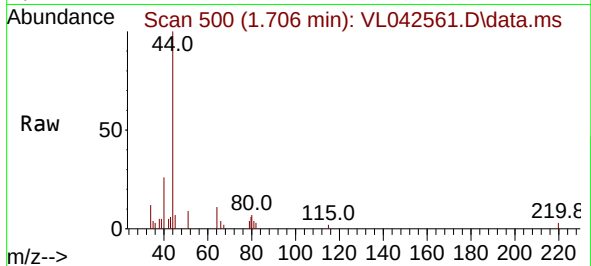




#3
Chlorodifluoromethane
Concen: 0.008 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.230 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

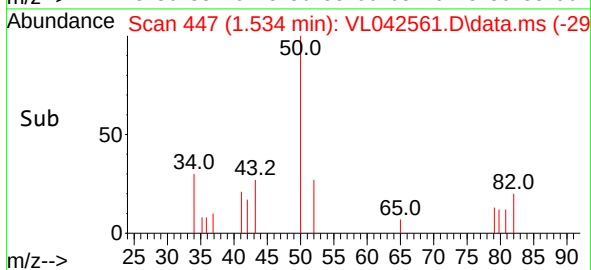
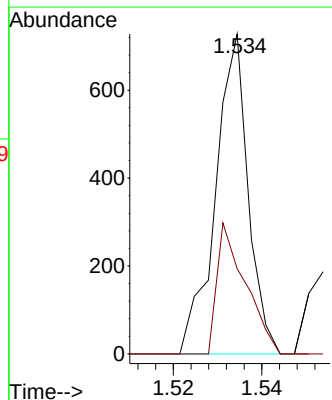
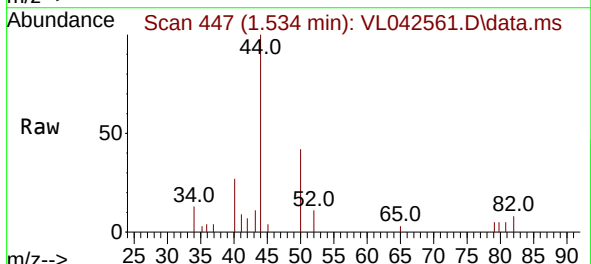
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

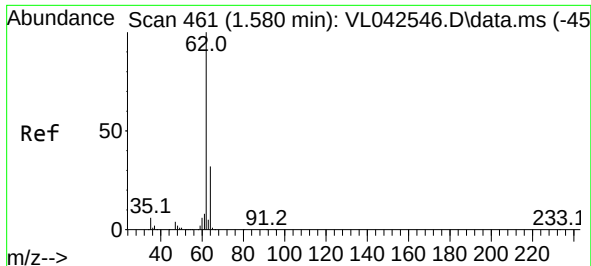
Tgt Ion: 51 Resp: 135
Ion Ratio Lower Upper
51 100
67 24.4 16.6 25.0



#4
Chloromethane
Concen: 0.057 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 26.6 26.9 40.3#

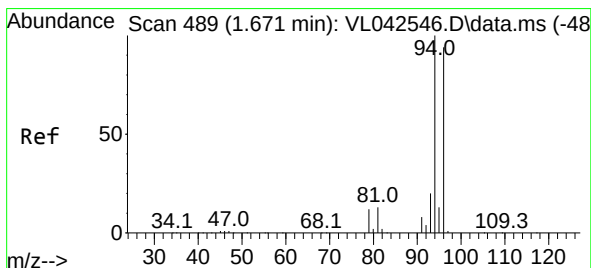
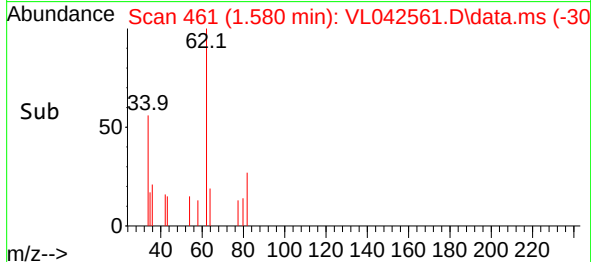
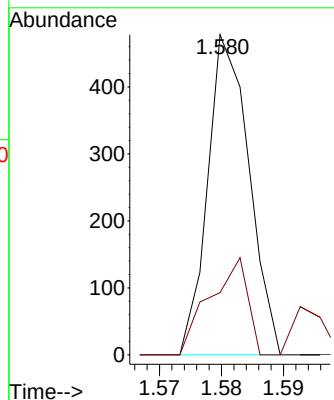
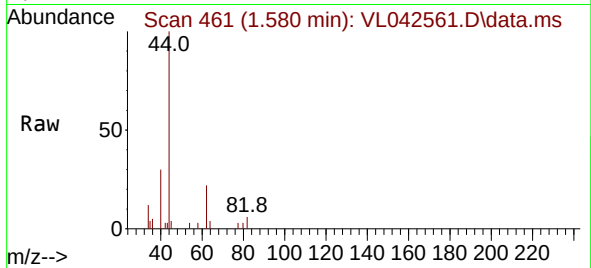




#5
 Vinyl Chloride
 Concen: 0.031 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

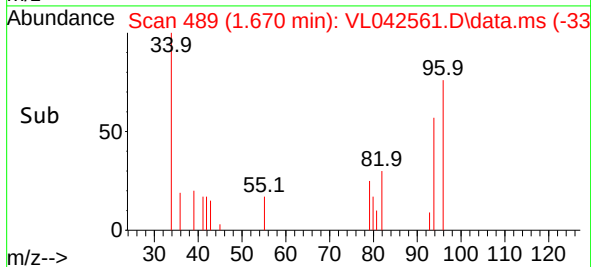
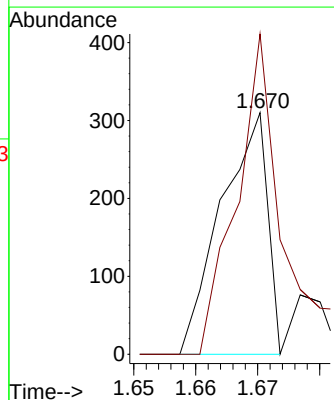
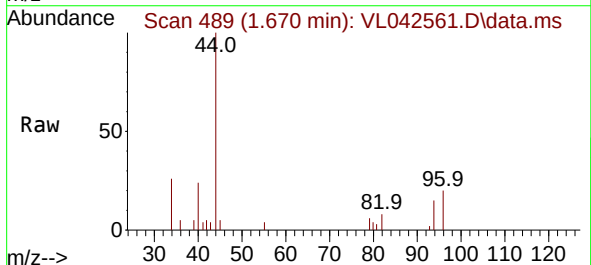
Instrument :
 MSVOA_L
 ClientSampleId :
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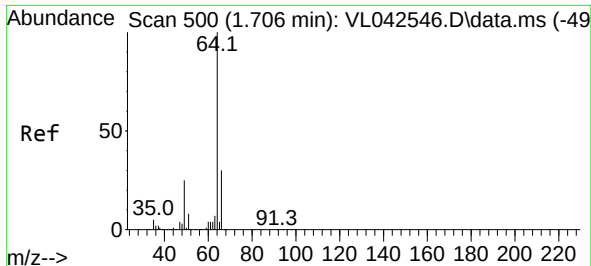
Tgt Ion: 62 Resp: 221
 Ion Ratio Lower Upper
 62 100
 64 19.5 25.7 38.5#



#6
 Bromomethane
 Concen: 0.039 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion: 94 Resp: 161
 Ion Ratio Lower Upper
 94 100
 96 132.6 74.9 112.3#

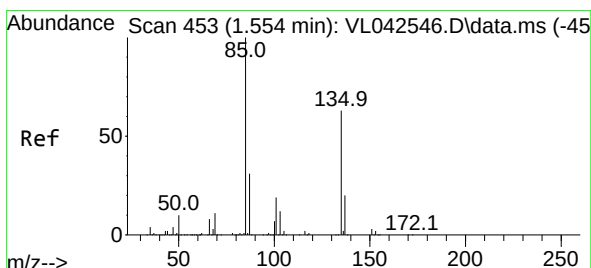
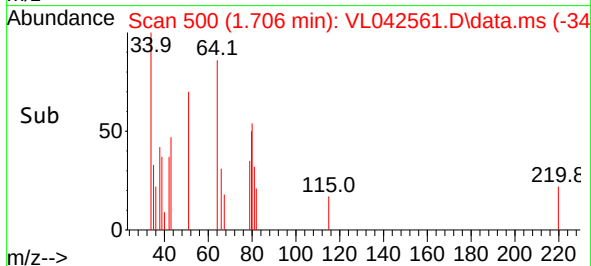
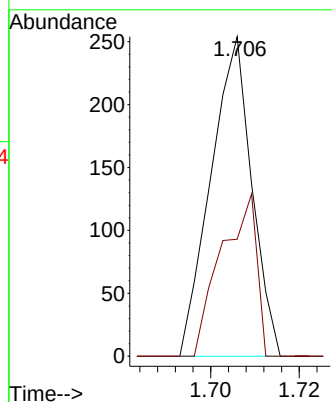
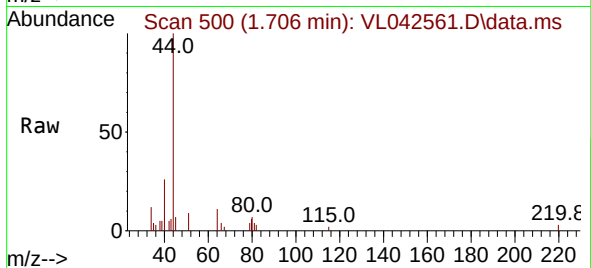




#7
Chloroethane
Concen: 0.056 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

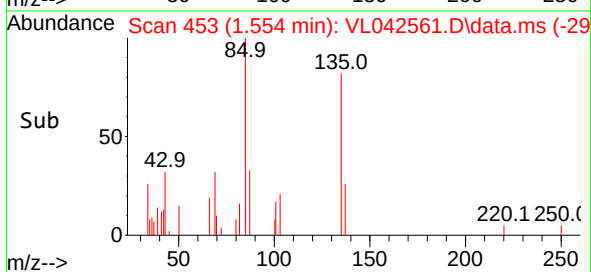
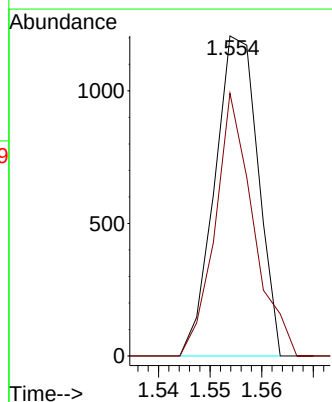
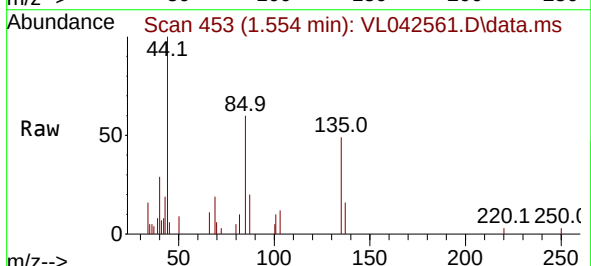
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

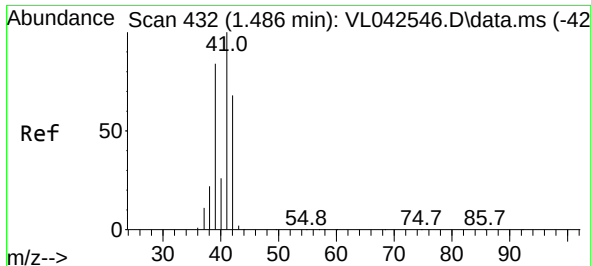
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 36.6 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 85 Resp: 705
Ion Ratio Lower Upper
85 100
135 72.3 57.2 85.8





#9

Propene

Concen: 0.054 ppbv

RT: 1.602 min Scan# 4

Delta R.T. 0.116 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

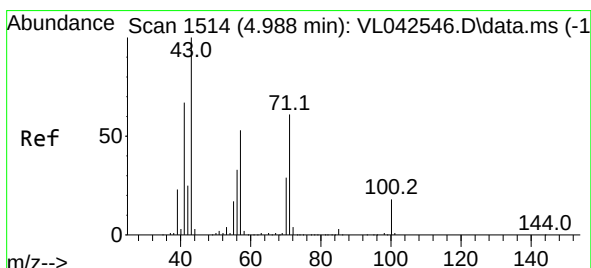
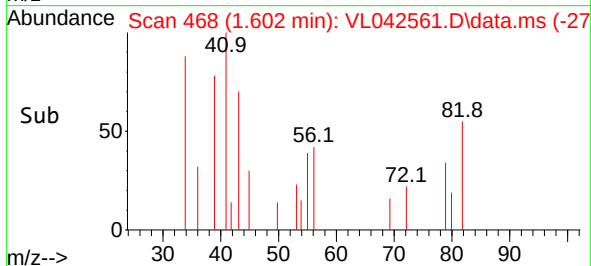
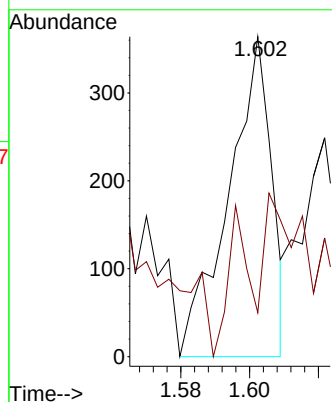
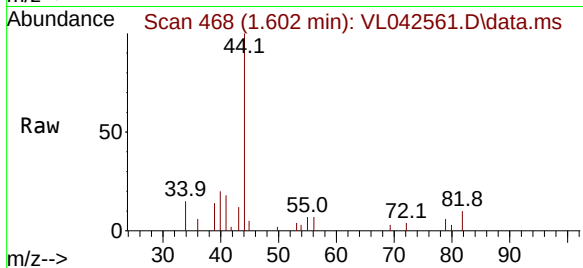
MDL 0.03

Tgt Ion: 41 Resp: 315

Ion Ratio Lower Upper

41 100

42 79.0 55.0 82.4



#10

Heptane

Concen: 0.003 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VL042561.D

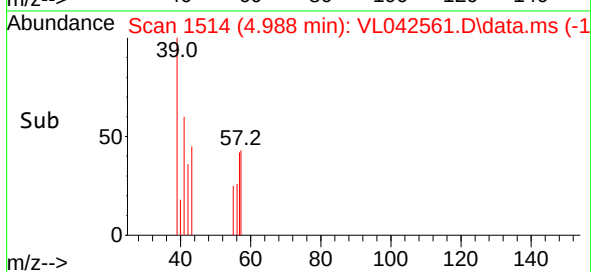
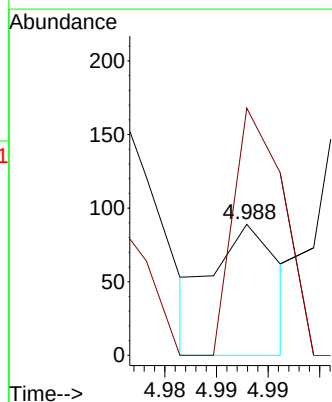
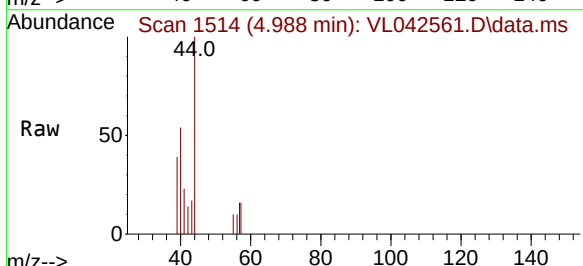
Acq: 21 May 2025 11:59

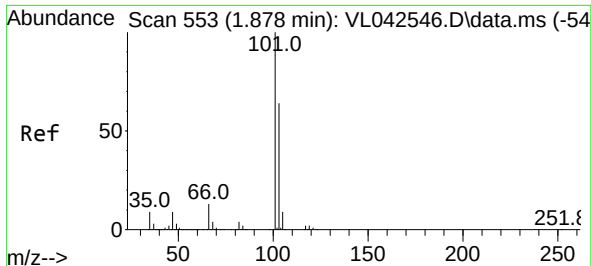
Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

57 220.0 43.4 65.0#

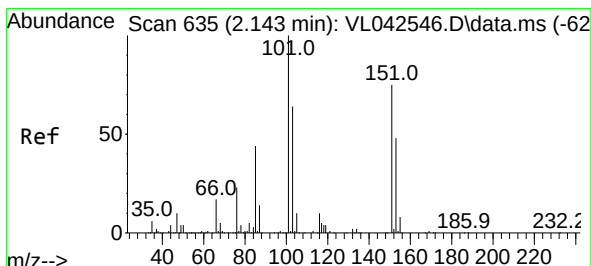
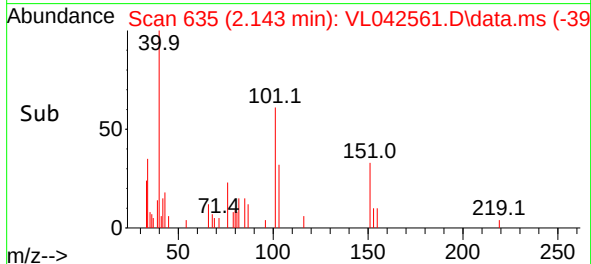
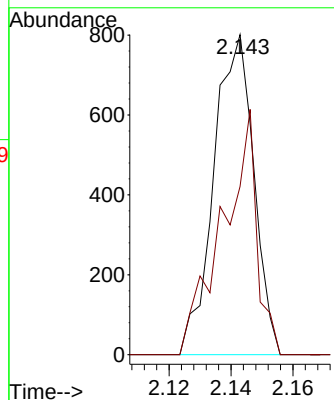
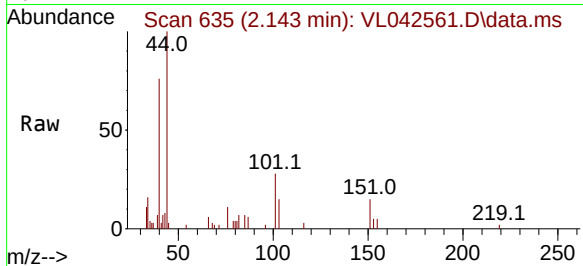




#11
Trichlorofluoromethane
Concen: 0.034 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.265 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

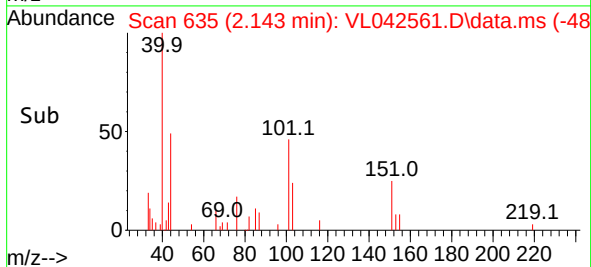
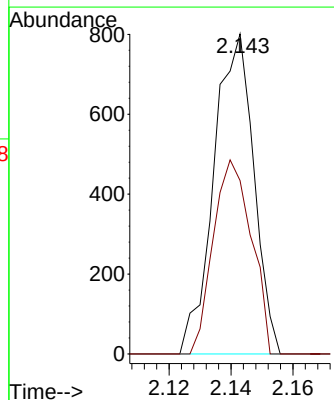
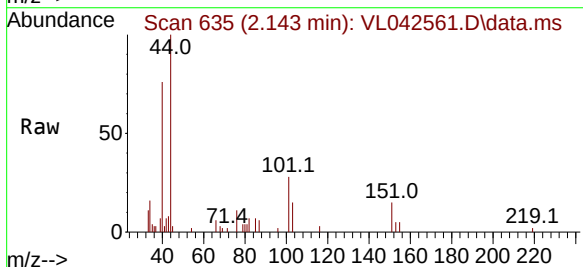
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

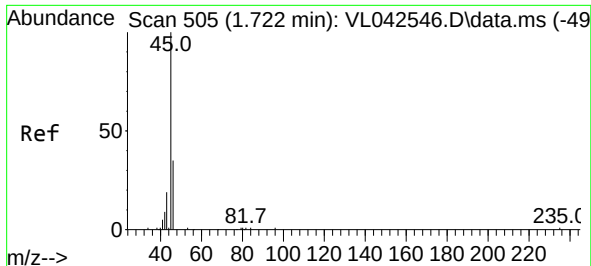
Tgt Ion:101 Resp: 716
Ion Ratio Lower Upper
101 100
103 52.6 51.5 77.3



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.042 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:101 Resp: 716
Ion Ratio Lower Upper
101 100
151 58.0 59.5 89.3#

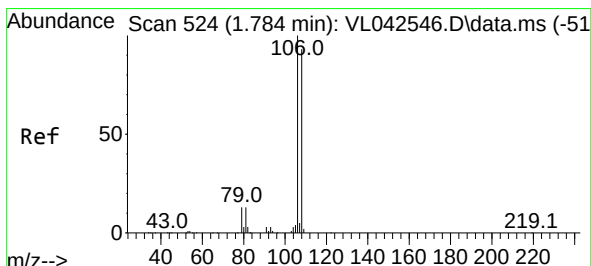
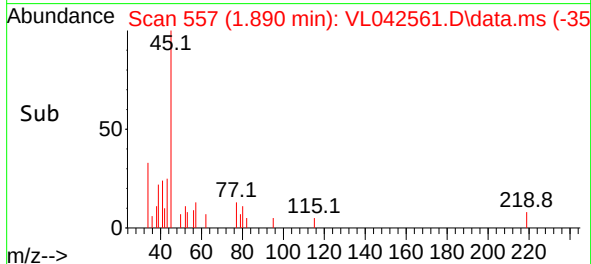
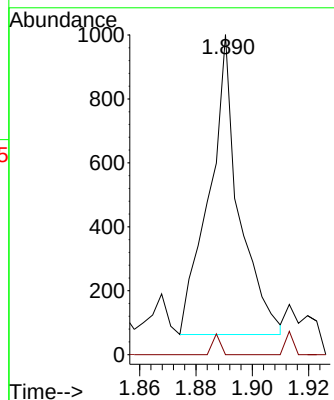
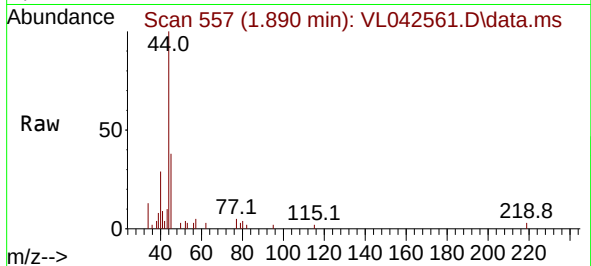




#13
Ethanol
Concen: 0.808 ppbv
RT: 1.890 min Scan# 505
Delta R.T. 0.168 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

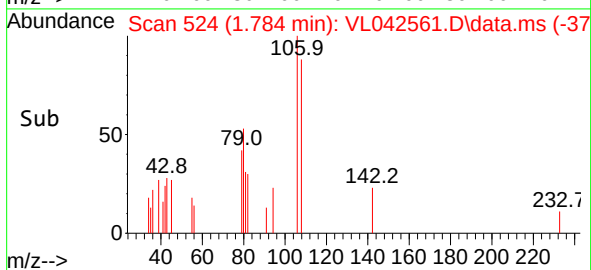
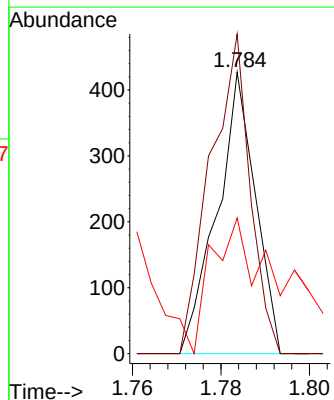
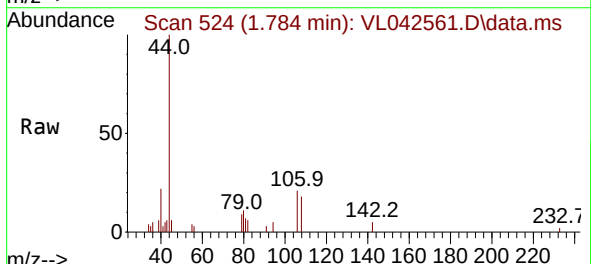
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

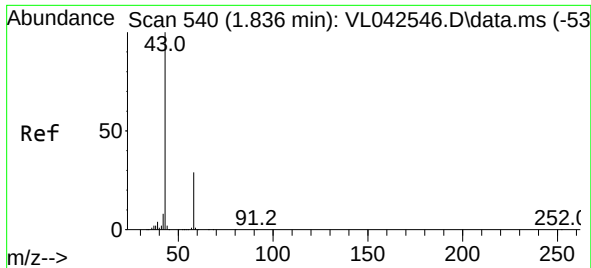
Tgt Ion: 45 Resp: 683
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.040 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:108 Resp: 257
Ion Ratio Lower Upper
108 100
106 116.3 86.4 129.6
79 118.7 11.9 17.9#

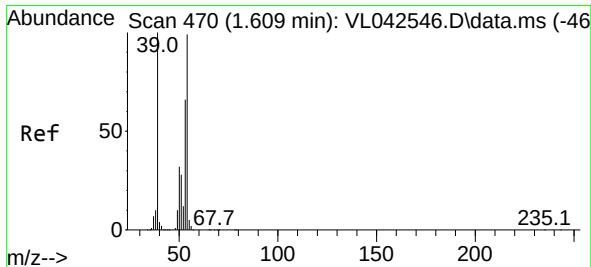
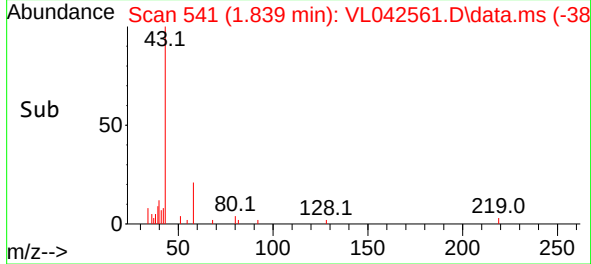
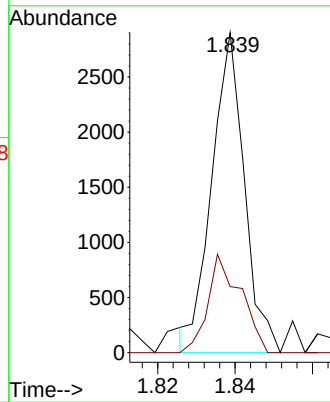
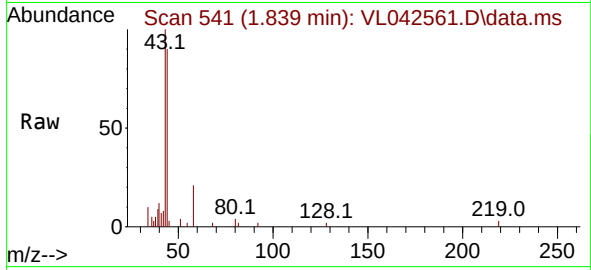




#15
Acetone
Concen: 0.112 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

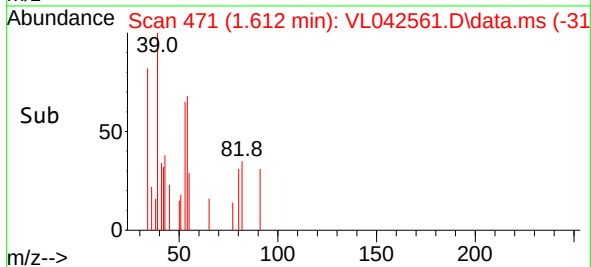
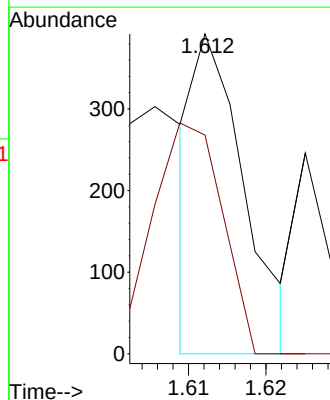
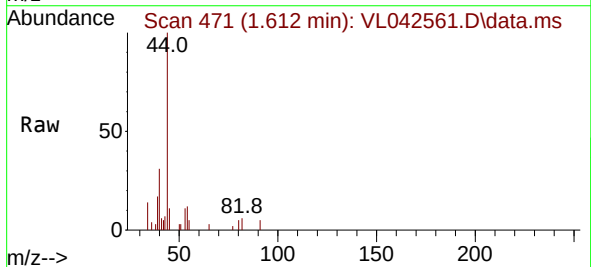
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

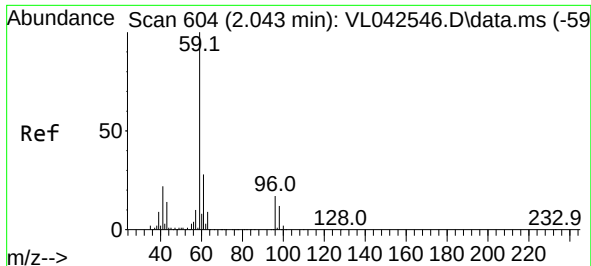
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2



#16
1,3-Butadiene
Concen: 0.029 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 39 Resp: 177
Ion Ratio Lower Upper
39 100
54 122.6 71.8 107.8#





#17

tert-Butyl alcohol

Concen: 0.037 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

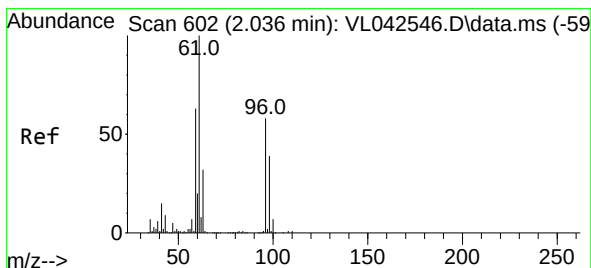
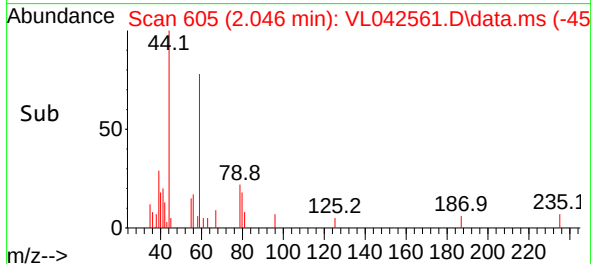
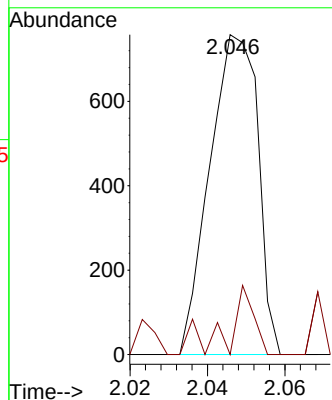
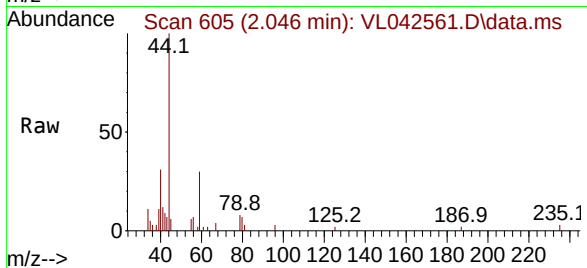
MDL 0.03

Tgt Ion: 59 Resp: 654

Ion Ratio Lower Upper

59 100

57 19.1 8.2 12.2#



#18

1,1-Dichloroethene

Concen: 0.049 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

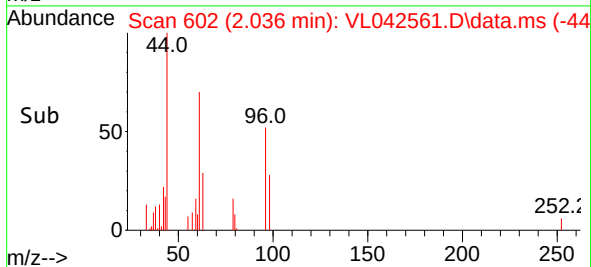
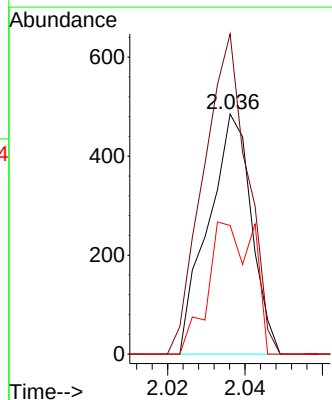
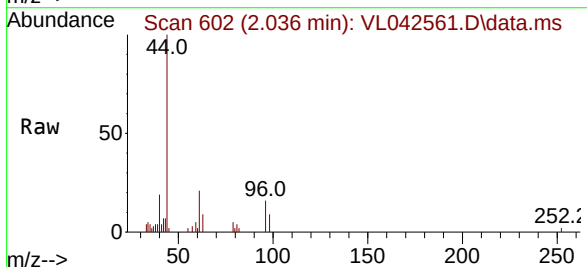
Tgt Ion: 96 Resp: 376

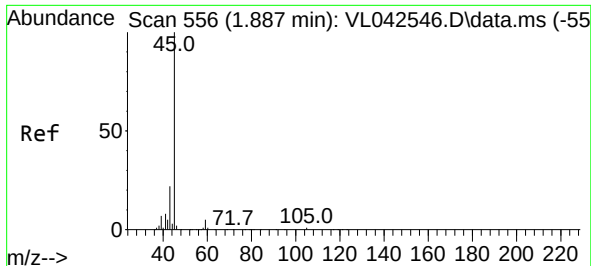
Ion Ratio Lower Upper

96 100

61 133.4 137.5 206.3#

98 53.6 53.2 79.8





#19

Isopropyl Alcohol

Concen: 0.079 ppbv

RT: 1.890 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

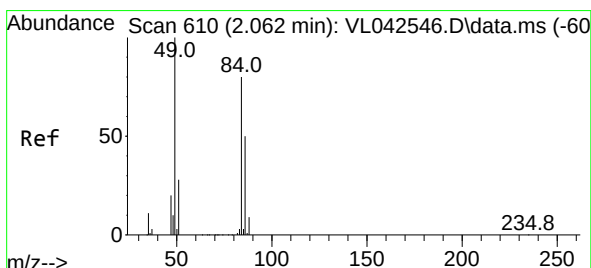
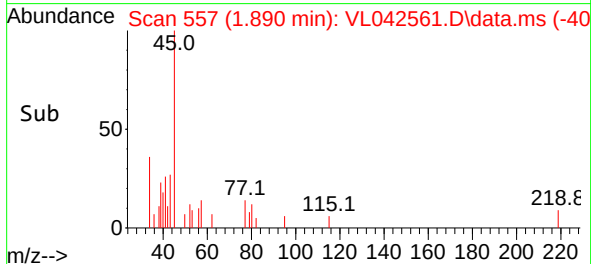
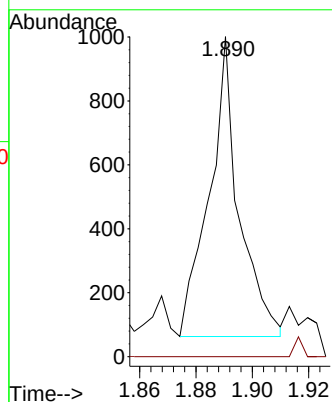
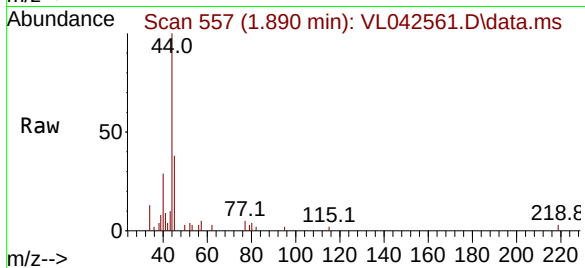
MDL 0.03

Tgt Ion: 45 Resp: 683

Ion Ratio Lower Upper

45 100

58 76.9 35.3 52.9#



#20

Methylene Chloride

Concen: 0.214 ppbv

RT: 2.062 min Scan# 610

Delta R.T. -0.000 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Tgt Ion: 84 Resp: 1573

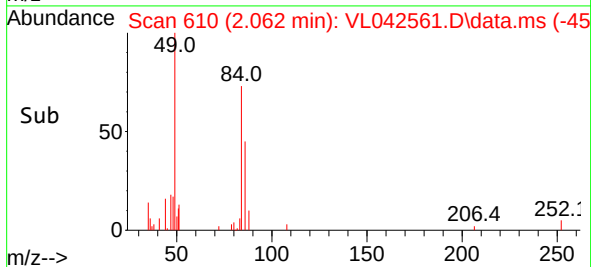
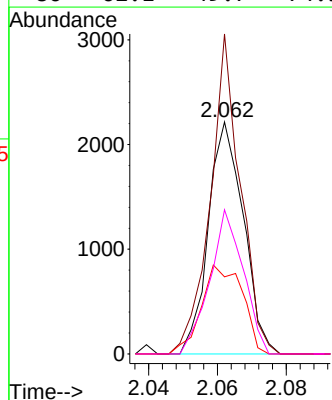
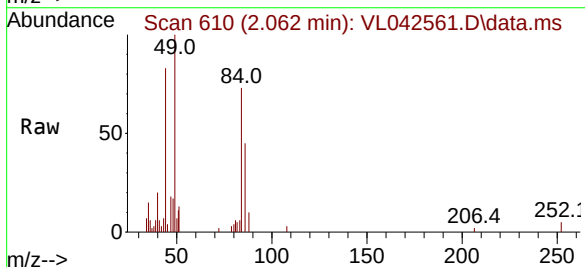
Ion Ratio Lower Upper

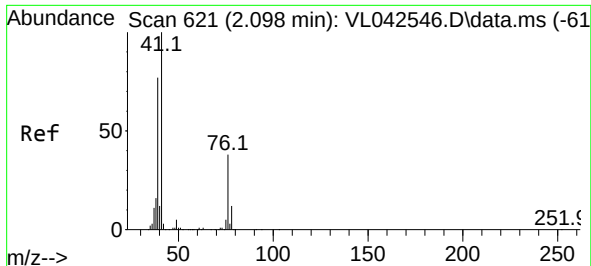
84 100

49 137.9 99.7 149.5

51 33.2 29.7 44.5

86 62.1 49.7 74.5

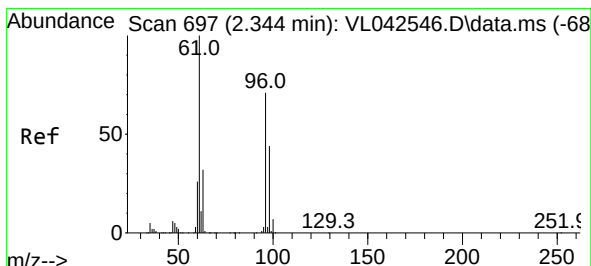
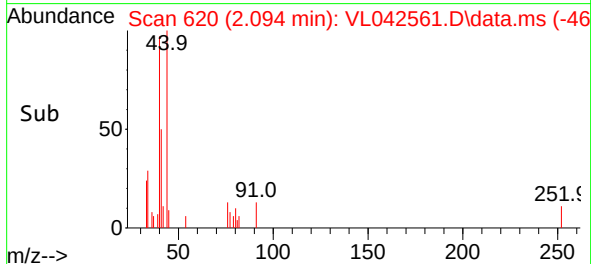
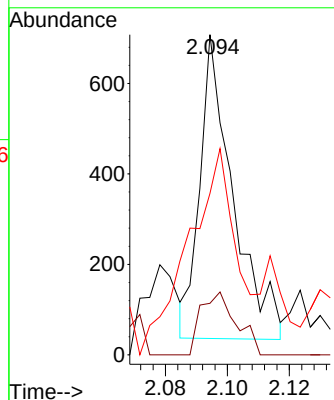
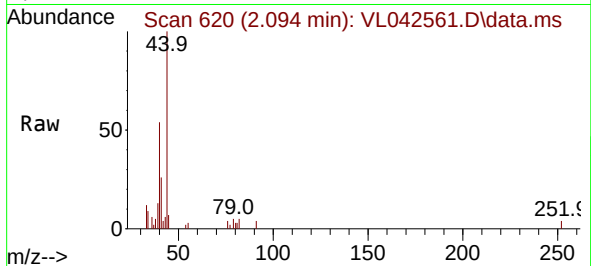




#21
 Allyl Chloride
 Concen: 0.051 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

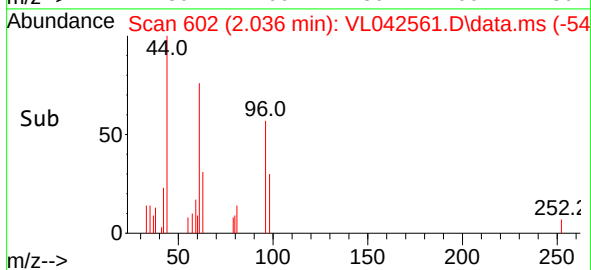
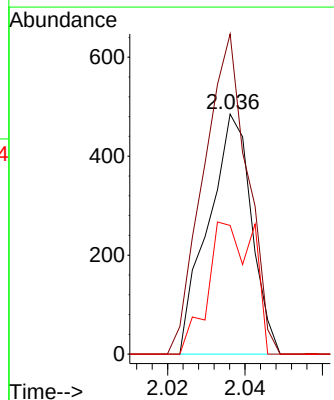
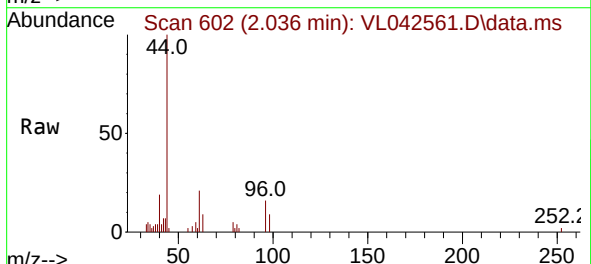
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

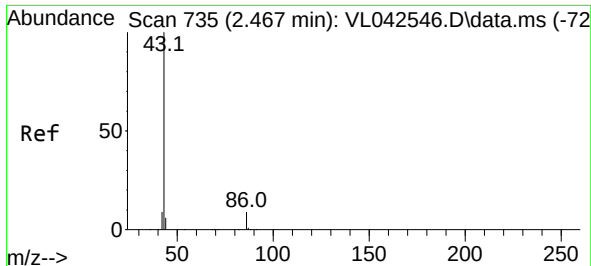
Tgt Ion: 41 Resp: 499
 Ion Ratio Lower Upper
 41 100
 76 22.0 30.2 45.4#
 39 117.8 62.5 93.7#



#22
 trans-1,2-Dichloroethene
 Concen: 0.044 ppbv
 RT: 2.036 min Scan# 602
 Delta R.T. -0.308 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion: 96 Resp: 376
 Ion Ratio Lower Upper
 96 100
 61 133.4 112.5 168.7
 98 53.6 49.0 73.4

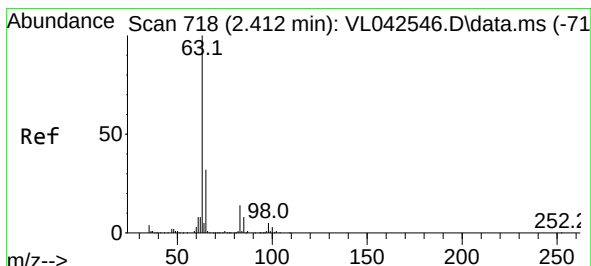
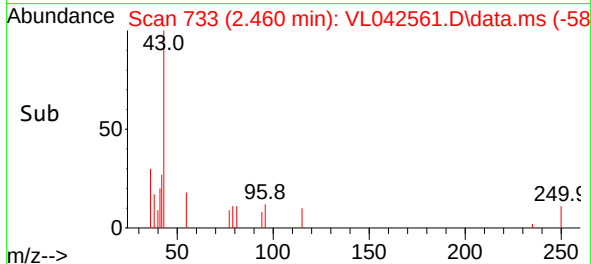
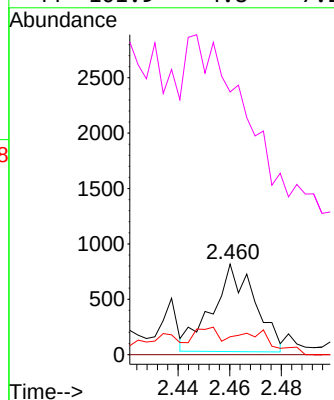
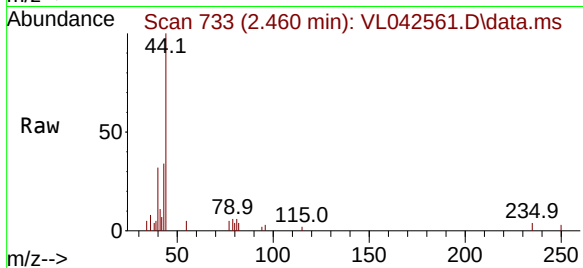




#23
 Vinyl Acetate
 Concen: 0.052 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

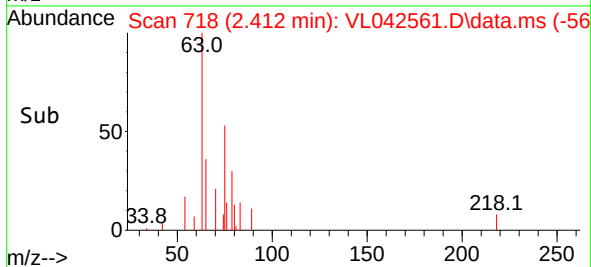
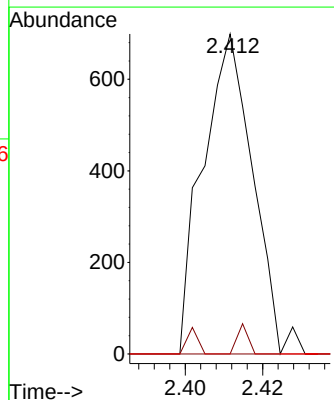
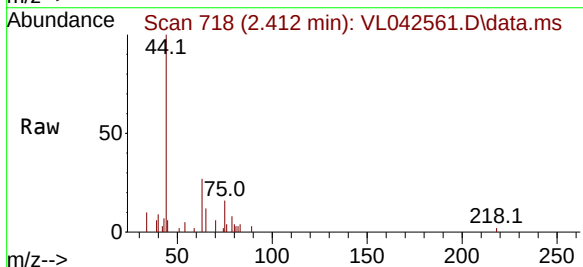
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

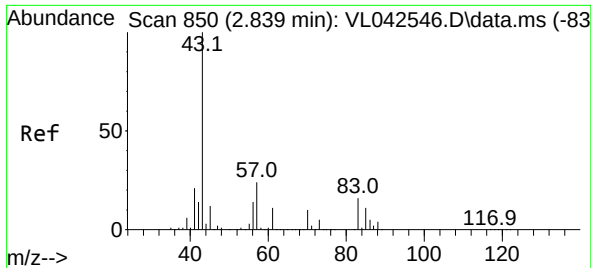
Tgt Ion:	43	Resp:	903
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.6#
42	14.3	7.4	11.2#
44	101.9	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.042 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion:	63	Resp:	617
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	7.8#
100	0.0	1.8	5.3#

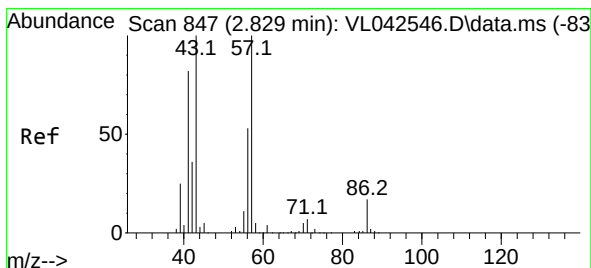
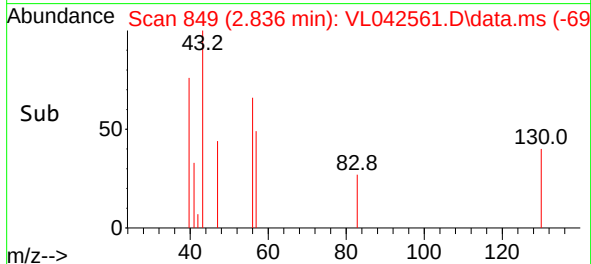
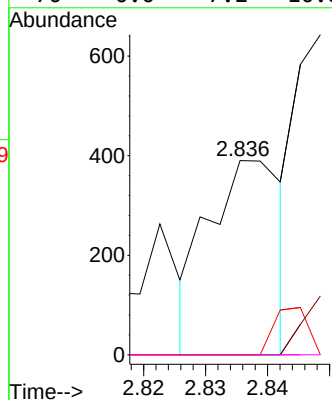
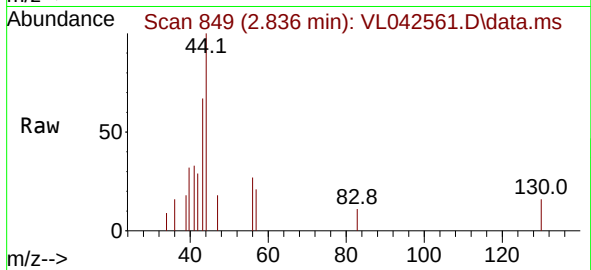




#25
Ethyl Acetate
Concen: 0.011 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

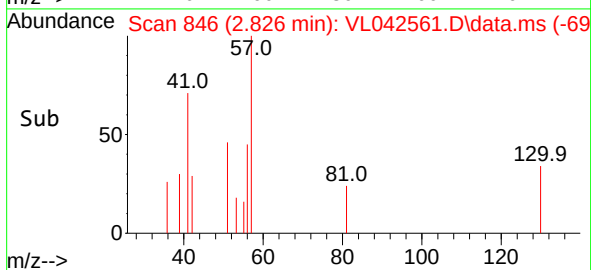
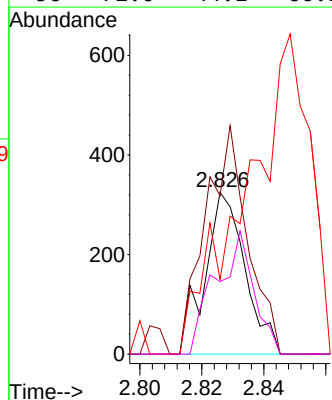
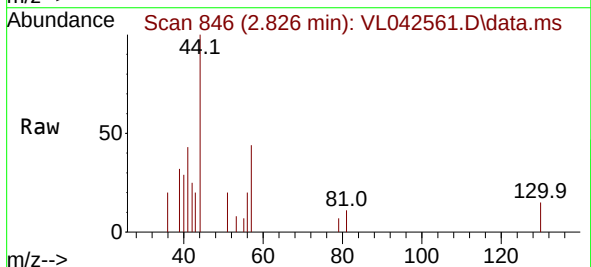
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.03

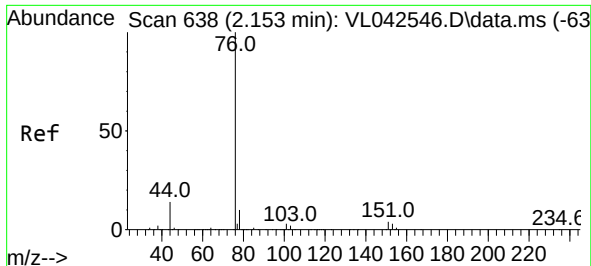
Tgt Ion:	43	Resp:	323
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	7.2	10.8#



#26
Hexane
Concen: 0.022 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:	57	Resp:	293
Ion	Ratio	Lower	Upper
57	100		
41	154.3	69.0	103.4#
43	319.1	174.2	261.2#
56	72.0	44.1	66.1#





#27

Carbon Disulfide

Concen: 0.039 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

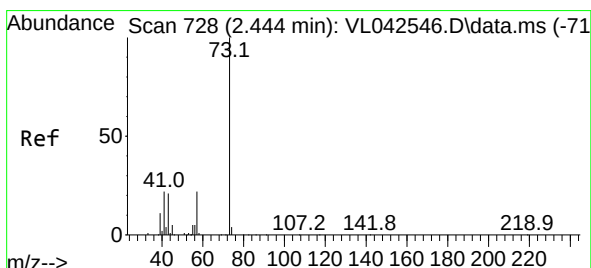
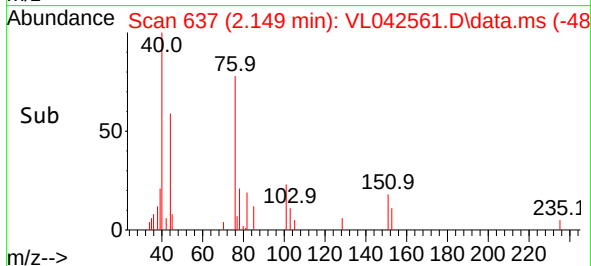
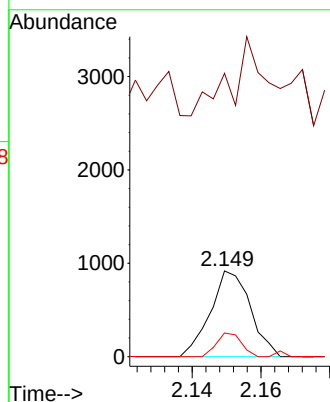
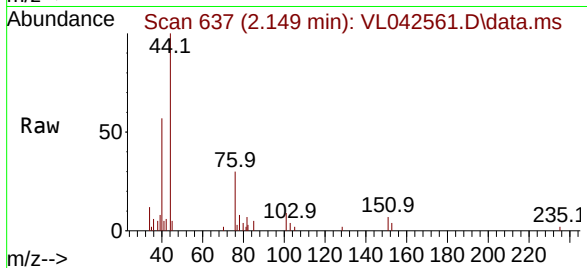
Tgt Ion: 76 Resp: 741

Ion Ratio Lower Upper

76 100

44 690.0 14.0 21.0#

78 18.9 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.019 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.003 min

Lab File: VL042561.D

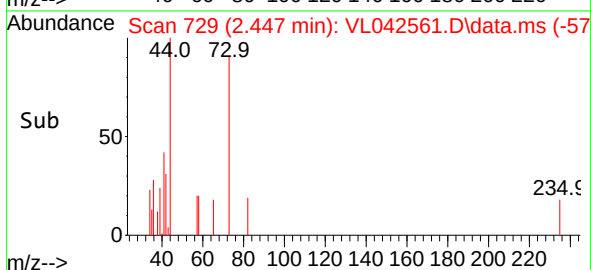
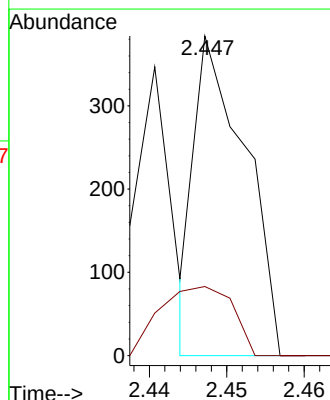
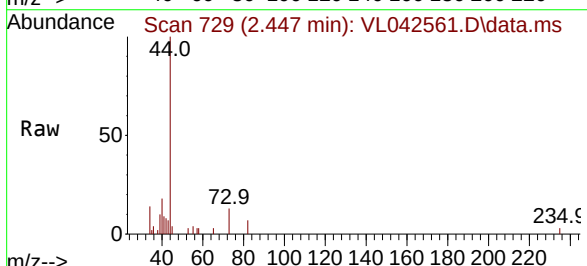
Acq: 21 May 2025 11:59

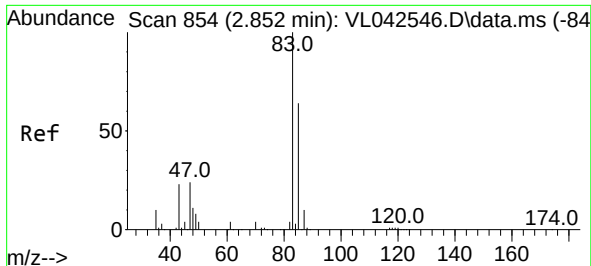
Tgt Ion: 73 Resp: 174

Ion Ratio Lower Upper

73 100

57 37.4 17.2 25.8#





#29

Chloroform

Concen: 0.035 ppbv

RT: 2.845 min Scan# 8

Delta R.T. -0.007 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

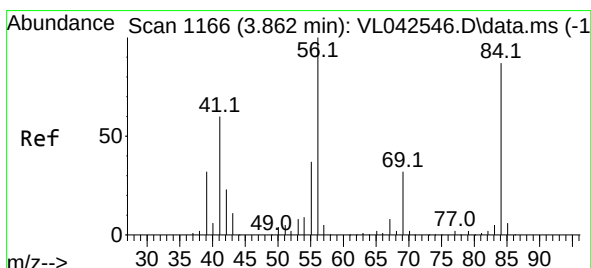
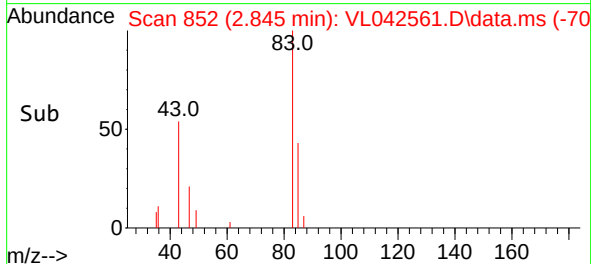
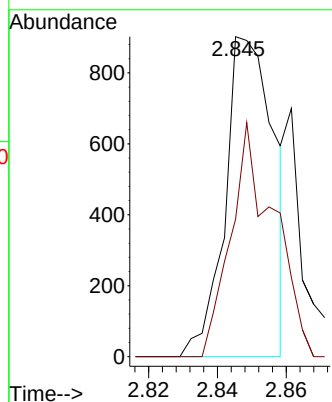
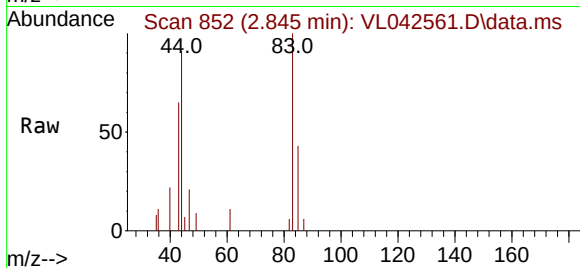
MDL 0.03

Tgt Ion: 83 Resp: 885

Ion Ratio Lower Upper

83 100

85 42.9 51.6 77.4#



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

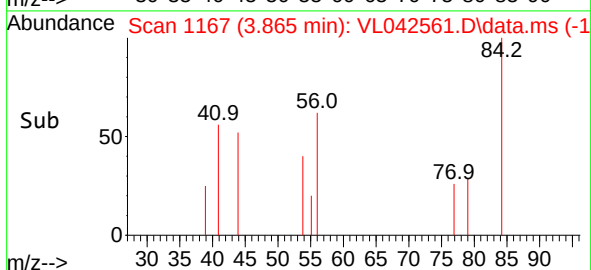
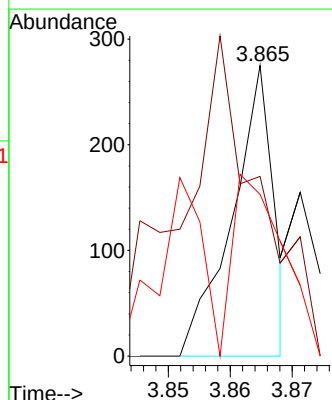
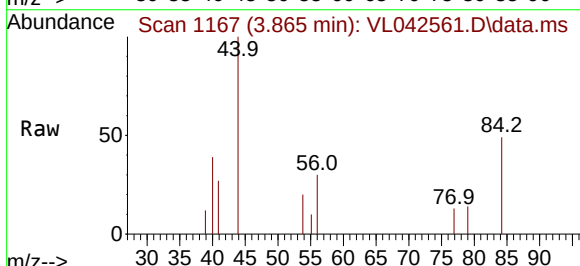
Tgt Ion: 84 Resp: 129

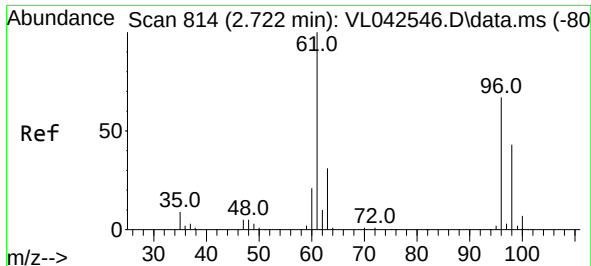
Ion Ratio Lower Upper

84 100

56 205.4 92.3 138.5#

41 139.5 57.0 85.4#

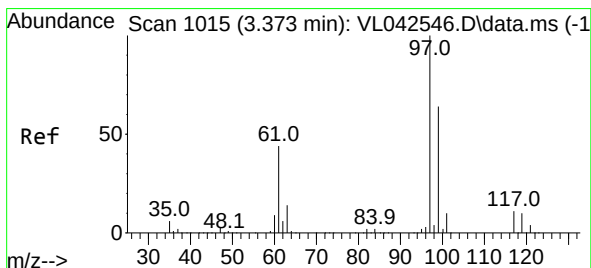
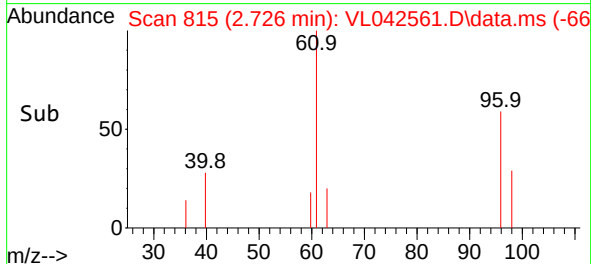
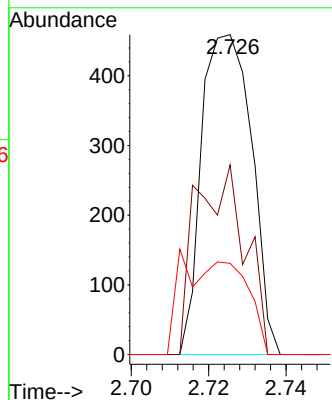
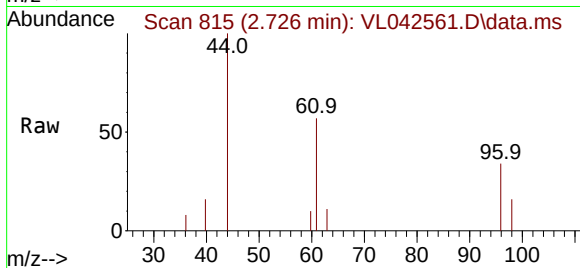




#31
 cis-1,2-Dichloroethene
 Concen: 0.028 ppbv
 RT: 2.726 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

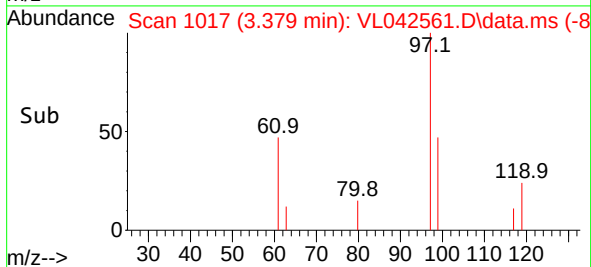
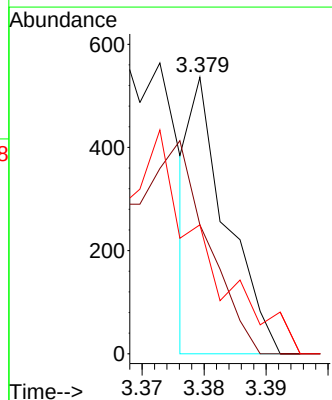
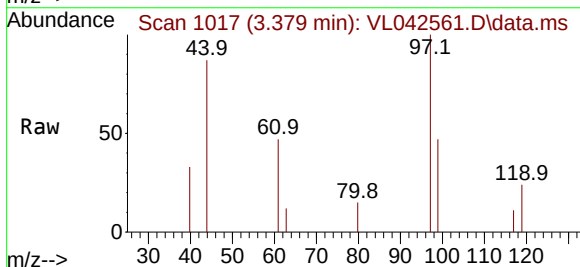
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

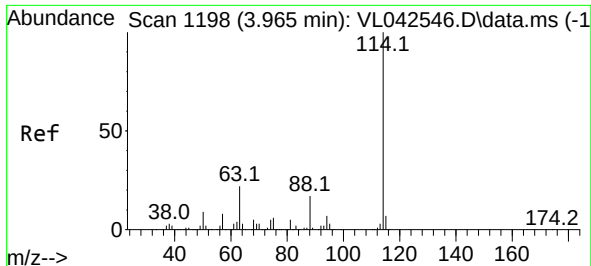
Tgt Ion: 61 Resp: 413
 Ion Ratio Lower Upper
 61 100
 96 59.3 53.8 80.8
 98 28.5 34.5 51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.008 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion: 97 Resp: 213
 Ion Ratio Lower Upper
 97 100
 99 220.2 51.5 77.3#
 61 194.4 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1198

Delta R.T. -0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

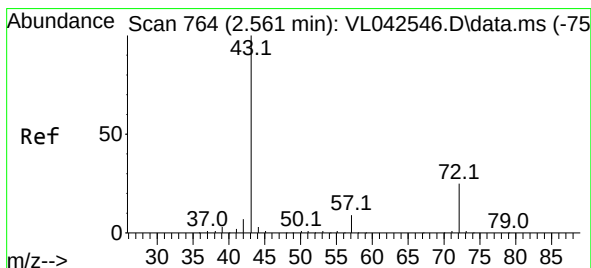
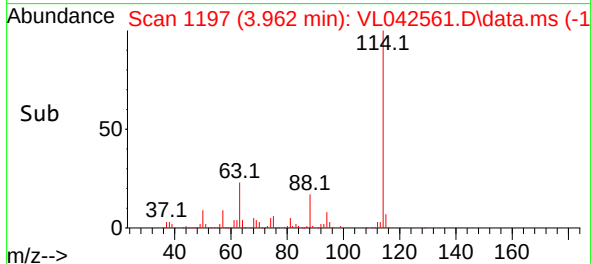
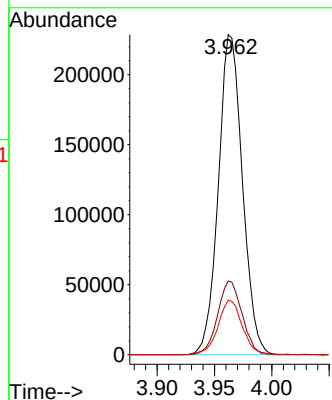
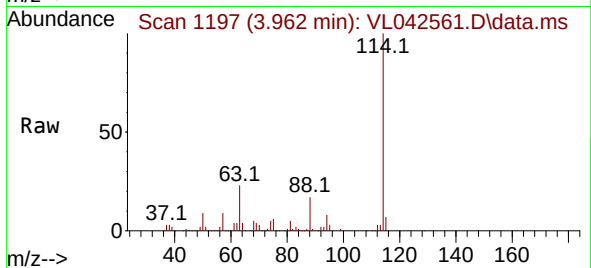
Tgt Ion:114 Resp: 333676

Ion Ratio Lower Upper

114 100

63 23.4 18.4 27.6

88 16.9 14.0 21.0



#34

2-Butanone

Concen: 0.038 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.006 min

Lab File: VL042561.D

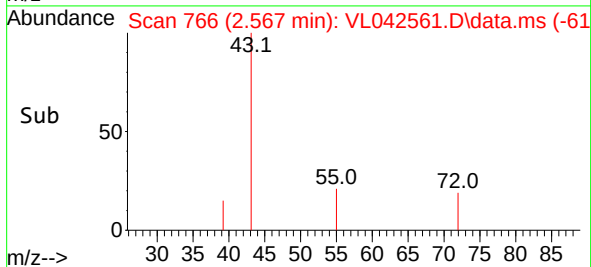
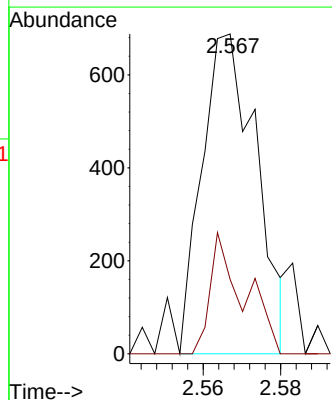
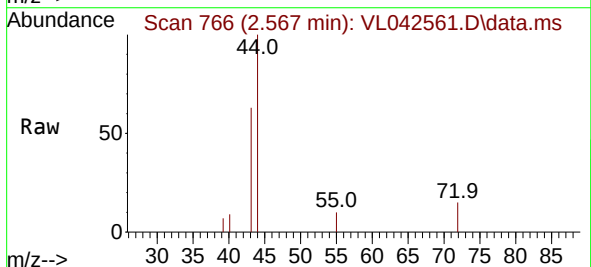
Acq: 21 May 2025 11:59

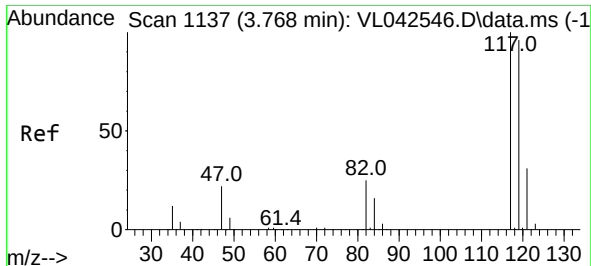
Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

72 23.4 20.5 30.7

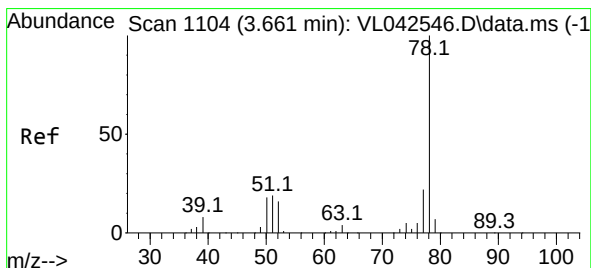
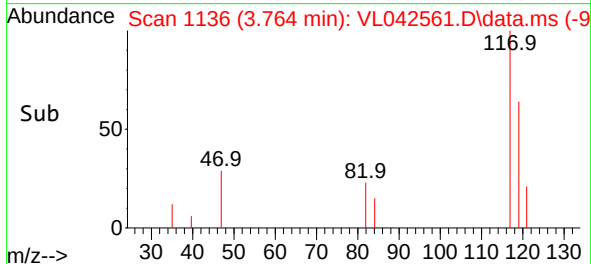
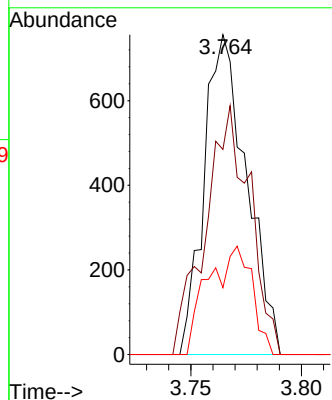
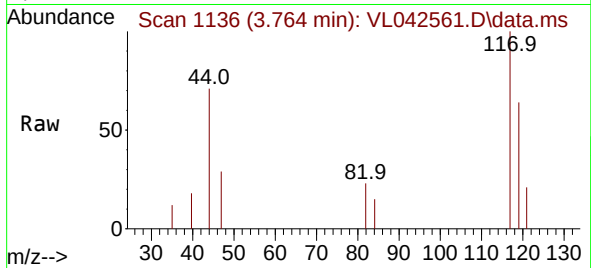




#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 3.764 min Scan# 1137
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

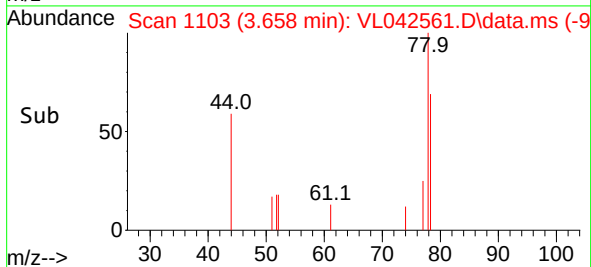
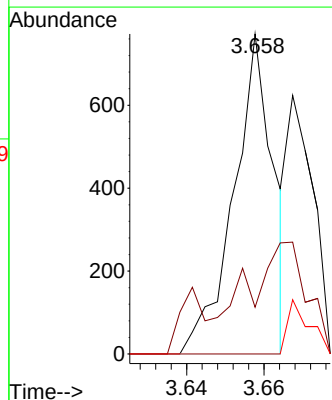
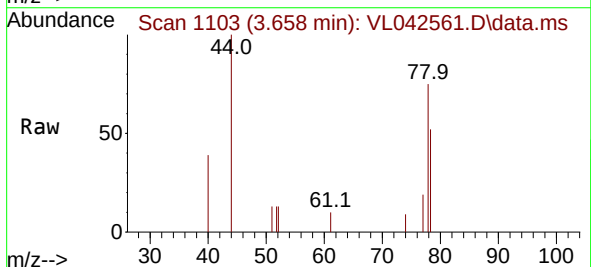
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

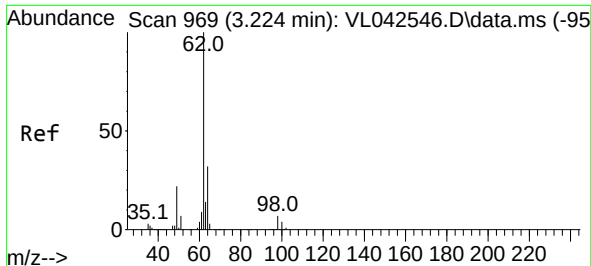
Tgt Ion:117 Resp: 1007
Ion Ratio Lower Upper
117 100
119 64.2 76.6 114.8#
121 20.9 24.7 37.1#



#36
Benzene
Concen: 0.020 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 78 Resp: 546
Ion Ratio Lower Upper
78 100
77 1.6 17.8 26.6#
50 0.0 14.0 21.0#

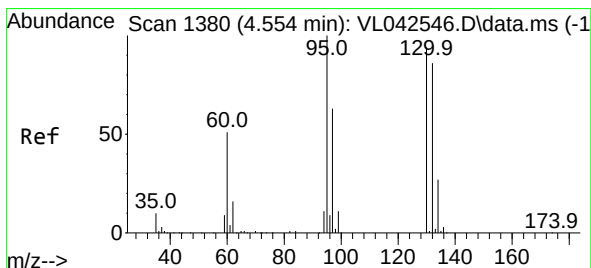
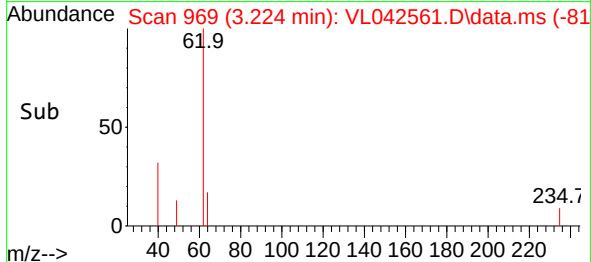
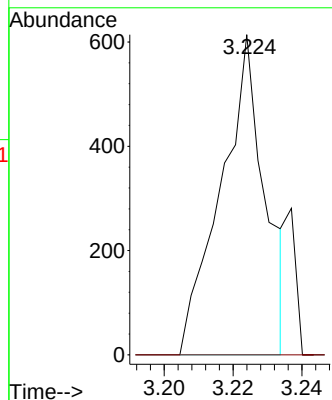
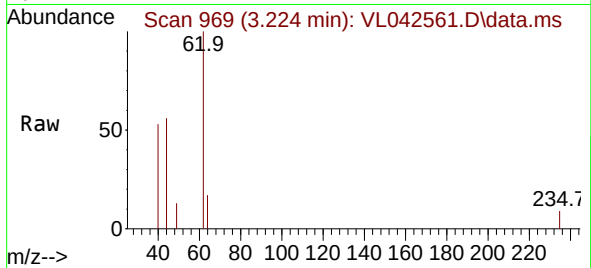




#37
1,2-Dichloroethane
Concen: 0.033 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

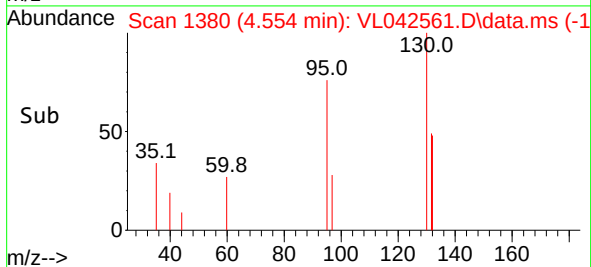
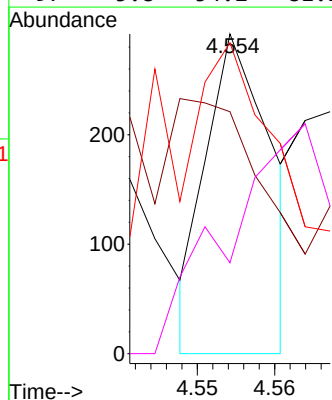
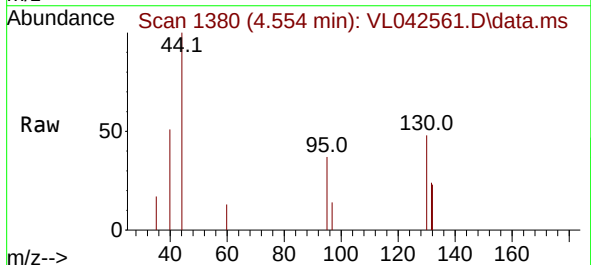
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

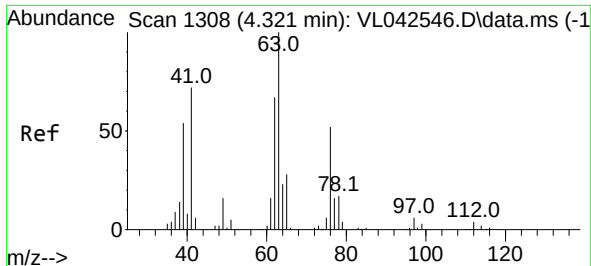
Tgt Ion: 62 Resp: 543
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#38
Trichloroethene
Concen: 0.014 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:130 Resp: 169
Ion Ratio Lower Upper
130 100
95 40.9 85.2 127.8#
132 64.4 73.4 110.2#
97 5.8 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.217 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.359 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

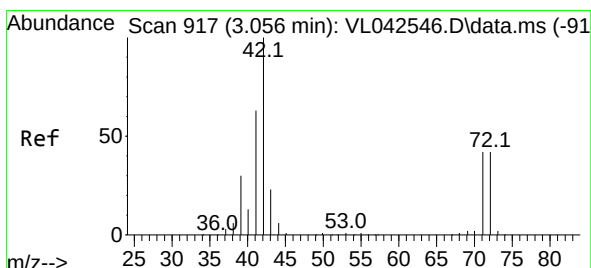
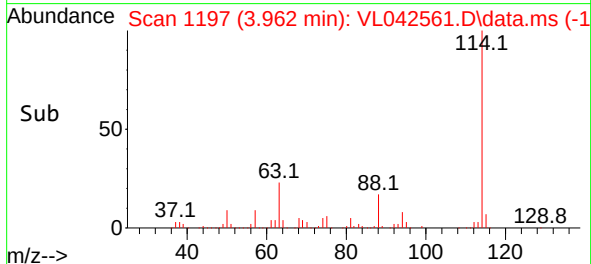
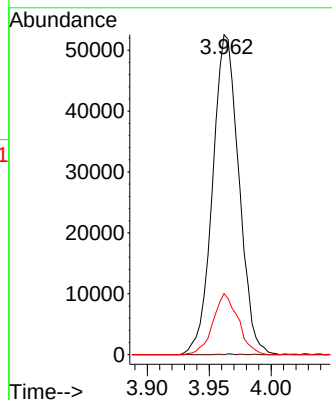
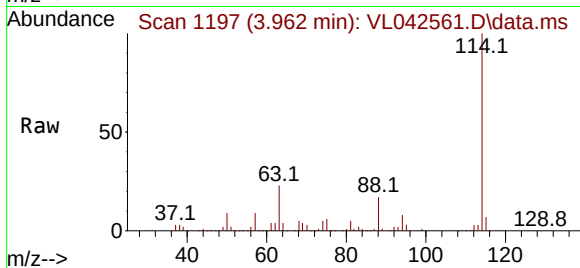
Tgt Ion: 63 Resp: 77880

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 19.1 53.3 79.9#



#41

Tetrahydrofuran

Concen: 0.008 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.010 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

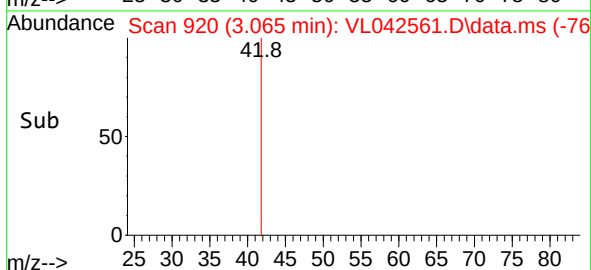
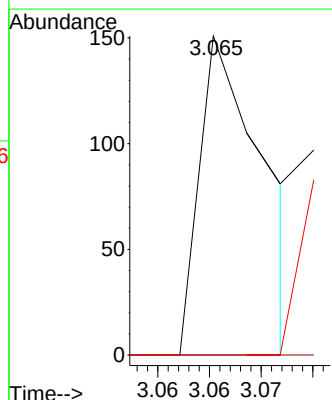
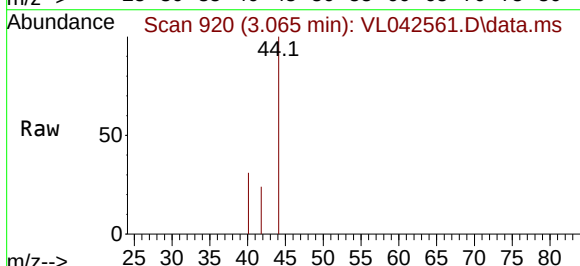
Tgt Ion: 42 Resp: 65

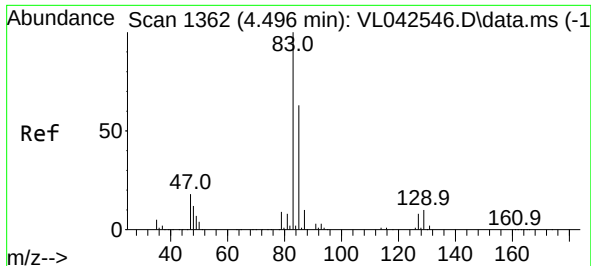
Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 33.6 50.4#

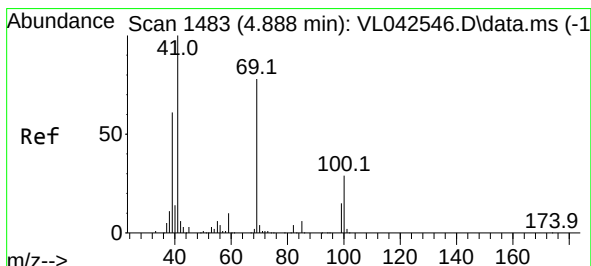
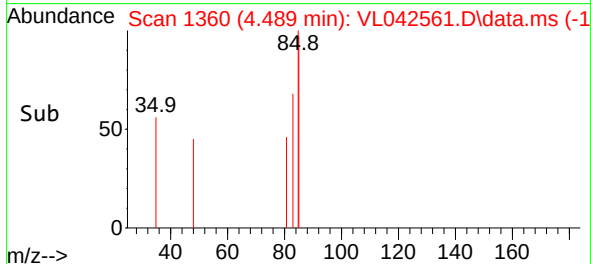
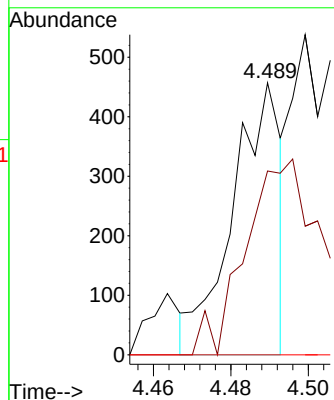
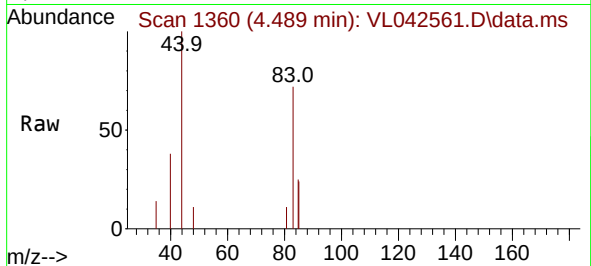




#42
Bromodichloromethane
Concen: 0.017 ppbv
RT: 4.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

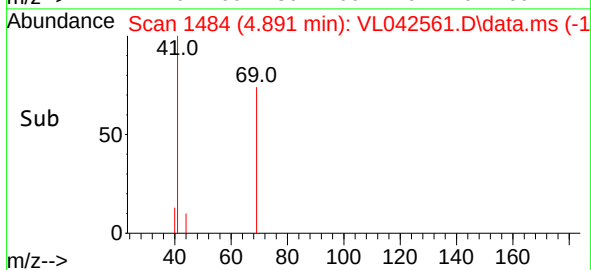
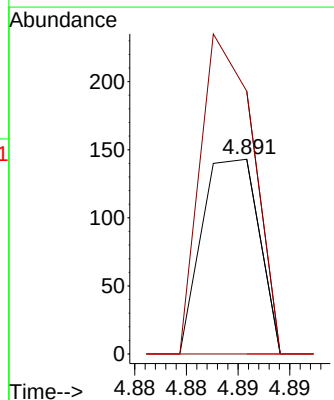
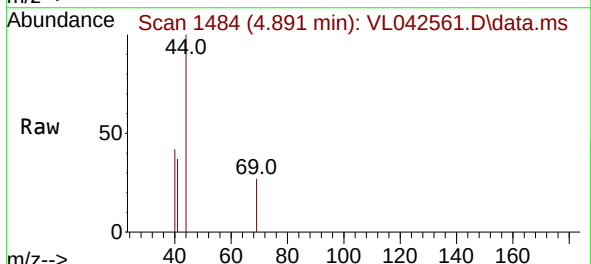
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

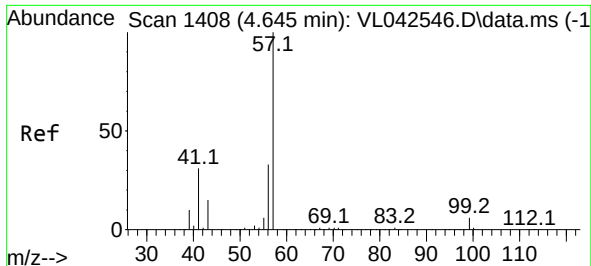
Tgt Ion: 83 Resp: 395
Ion Ratio Lower Upper
83 100
85 79.8 50.4 75.6#
127 0.0 6.5 9.7#



#43
Methyl Methacrylate
Concen: 0.006 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 276.4 107.8 161.8#
100 0.0 30.3 45.5#





#44

2,2,4-Trimethylpentane

Concen: 0.008 ppbv

RT: 4.638 min Scan# 1406

Delta R.T. -0.007 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

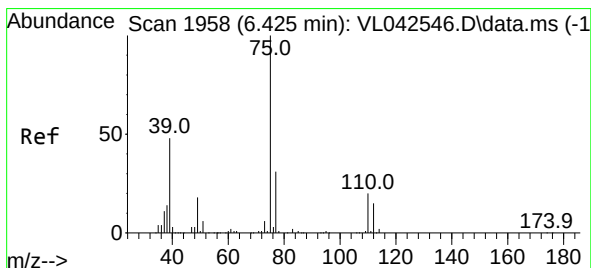
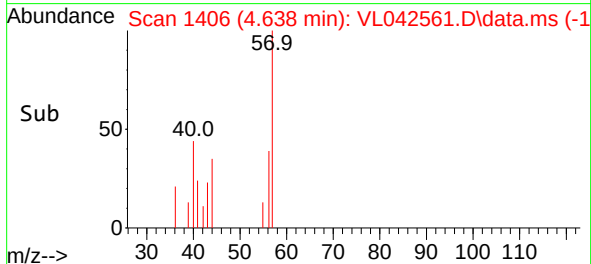
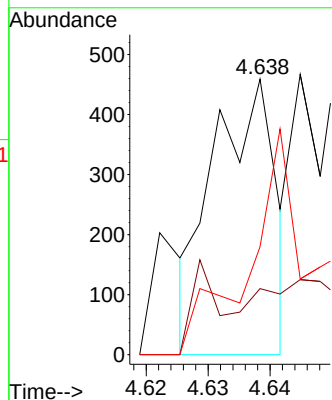
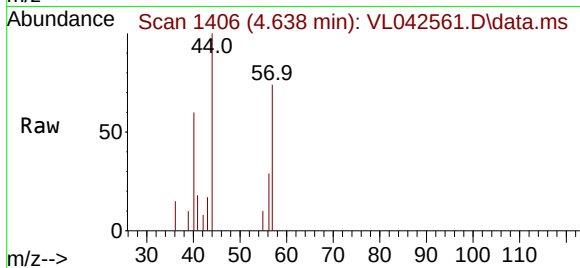
Tgt Ion: 57 Resp: 320

Ion Ratio Lower Upper

57 100

41 0.0 25.0 37.4#

56 110.0 25.1 37.7#



#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 6.422 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VL042561.D

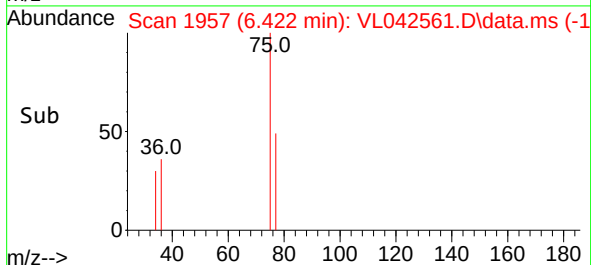
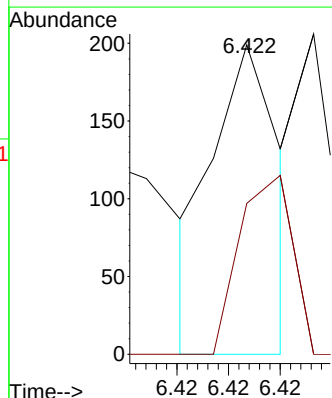
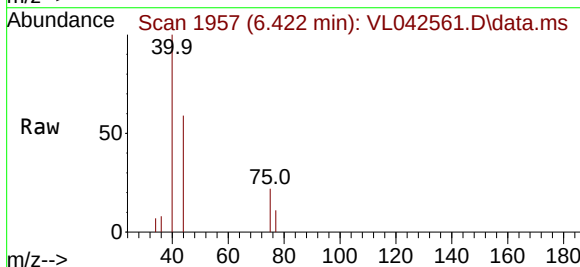
Acq: 21 May 2025 11:59

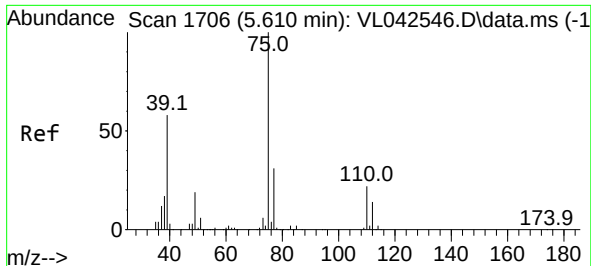
Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

75 100

77 48.7 24.6 37.0#

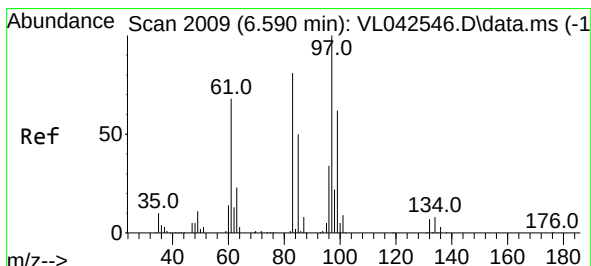
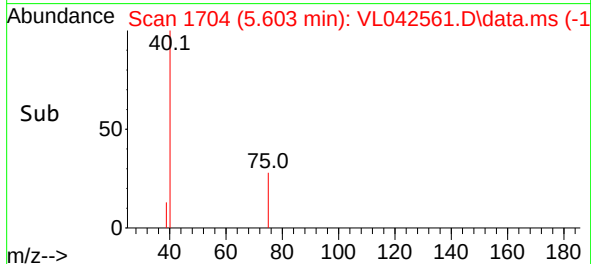
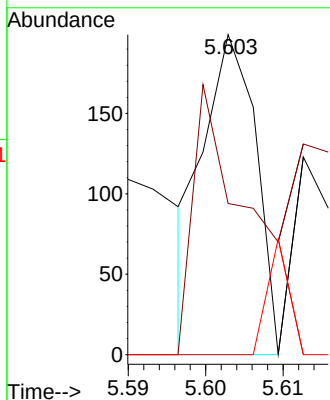
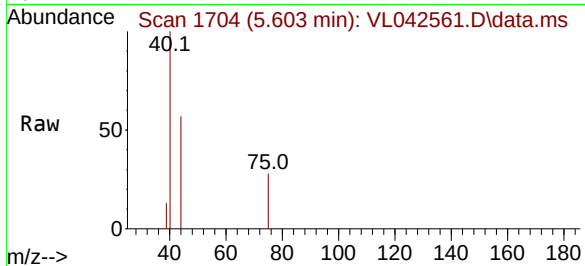




#46
 cis-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 5.603 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

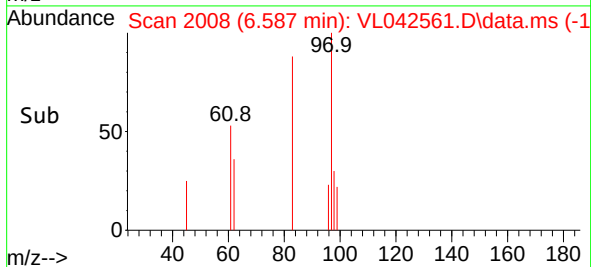
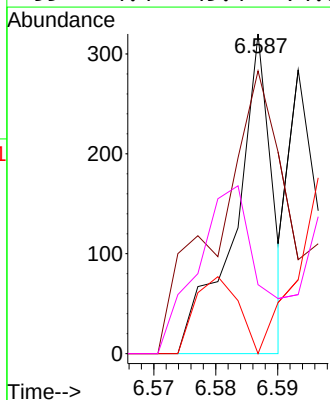
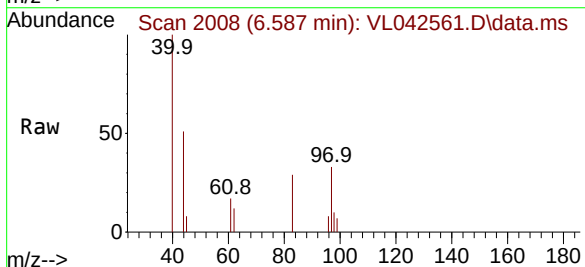
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

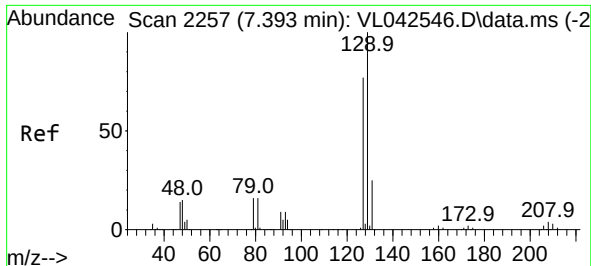
Tgt Ion: 75 Resp: 93
 Ion Ratio Lower Upper
 75 100
 39 47.2 46.3 69.5
 77 0.0 25.0 37.6#



#47
 1,1,2-Trichloroethane
 Concen: 0.012 ppbv
 RT: 6.587 min Scan# 2008
 Delta R.T. -0.003 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion: 97 Resp: 135
 Ion Ratio Lower Upper
 97 100
 83 57.2 65.0 97.4#
 85 0.0 39.9 59.9#
 99 4.4 49.4 74.0#

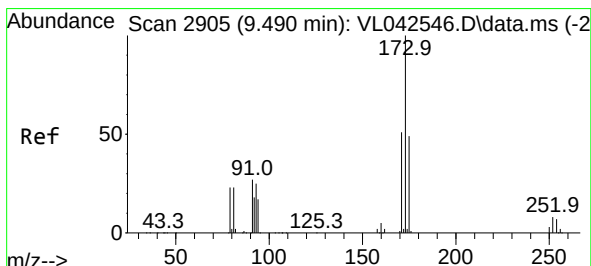
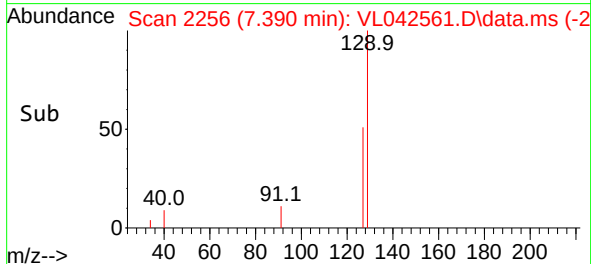
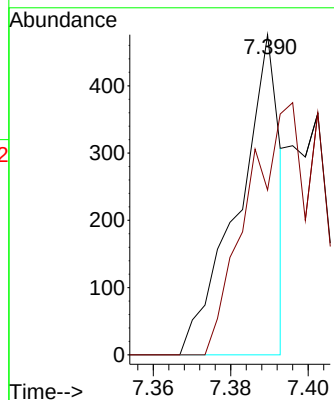
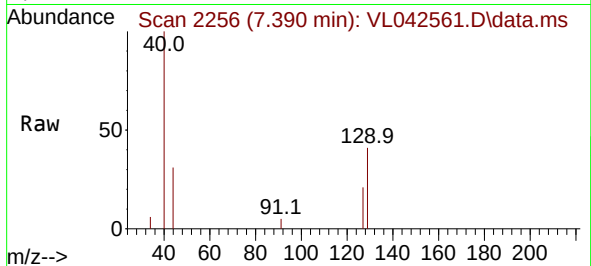




#48
Dibromochloromethane
Concen: 0.018 ppbv
RT: 7.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

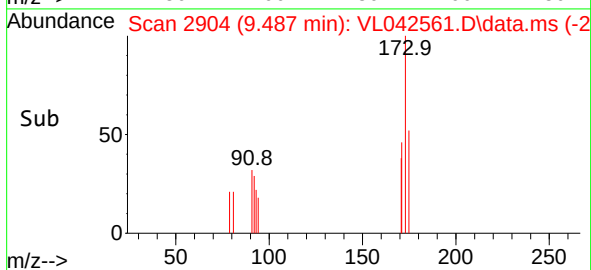
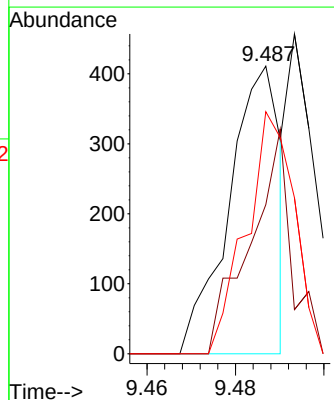
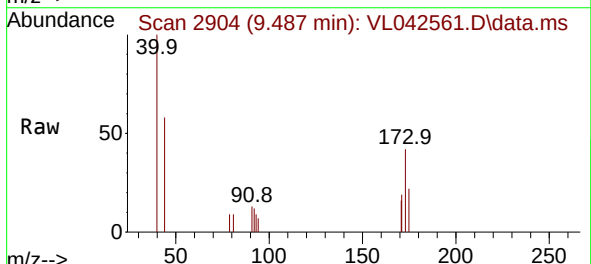
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

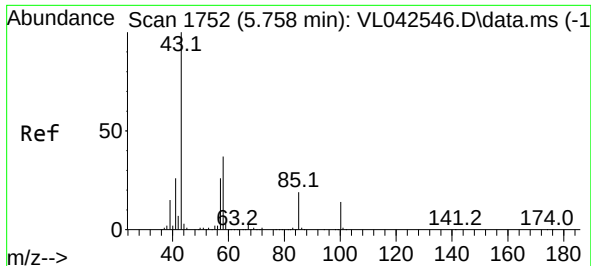
Tgt Ion:129 Resp: 355
Ion Ratio Lower Upper
129 100
127 141.1 39.0 117.0#



#49
Bromoform
Concen: 0.020 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:173 Resp: 332
Ion Ratio Lower Upper
173 100
175 0.0 39.2 58.8#
171 81.3 41.9 62.9#





#50

4-Methyl-2-Pentanone

Concen: 0.003 ppbv

RT: 5.774 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

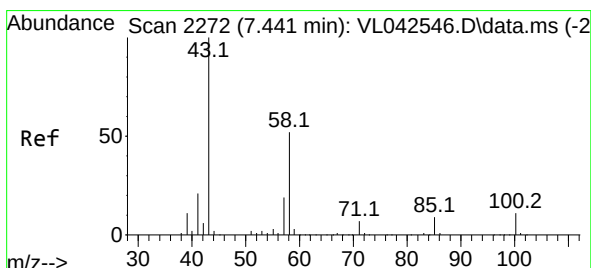
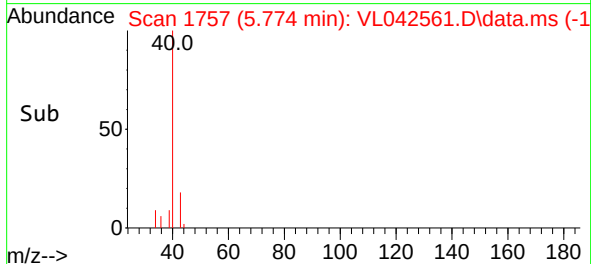
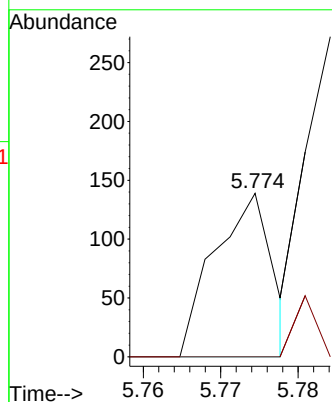
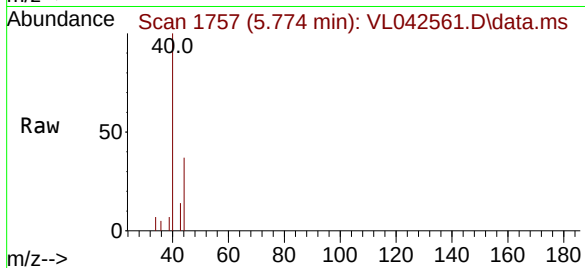
MDL 0.03

Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

58 0.0 30.0 45.0#



#51

2-Hexanone

Concen: 0.007 ppbv

RT: 7.461 min Scan# 2278

Delta R.T. 0.019 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

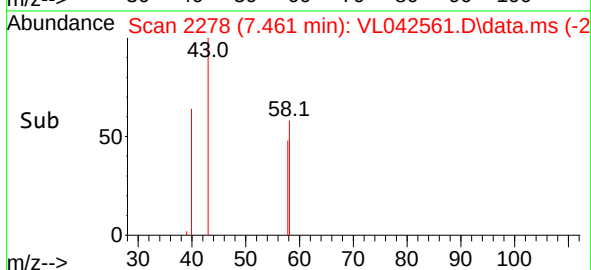
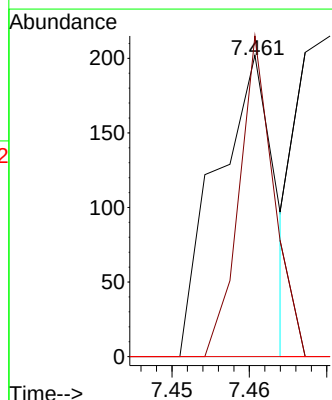
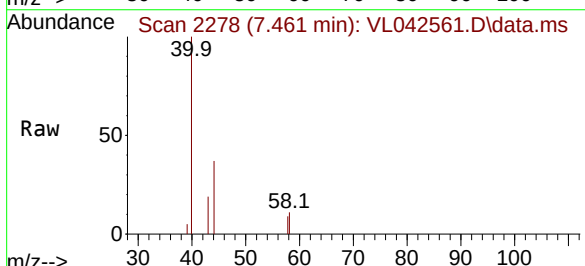
Tgt Ion: 43 Resp: 107

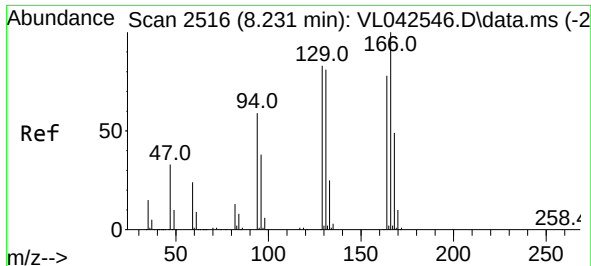
Ion Ratio Lower Upper

43 100

58 90.7 41.4 62.2#

98 0.0 0.4 0.6#

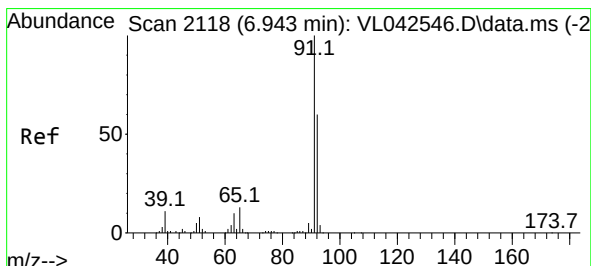
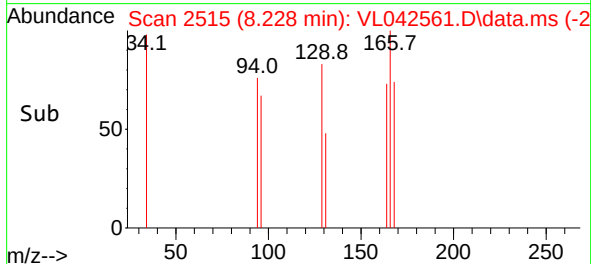
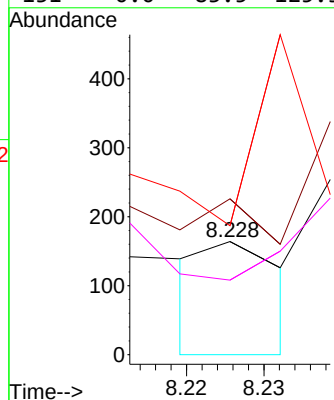
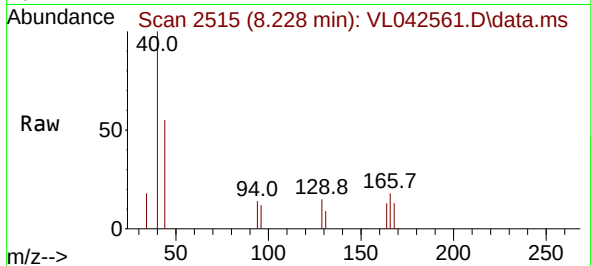




#52
Tetrachloroethene
Concen: 0.005 ppbv
RT: 8.228 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

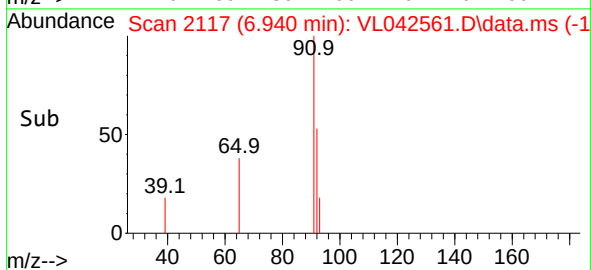
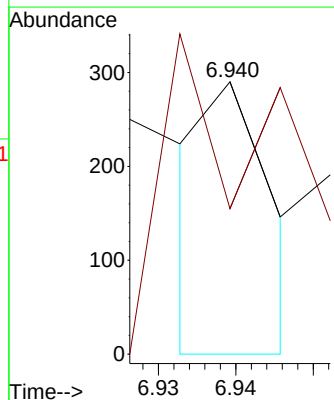
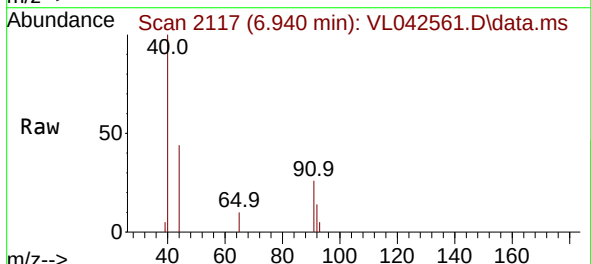
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.03

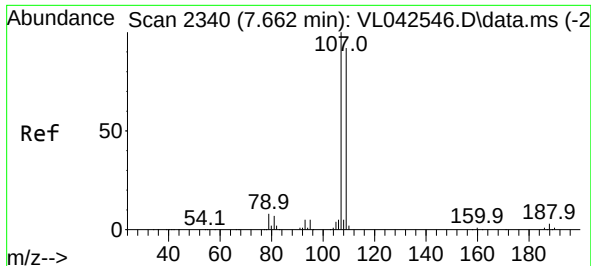
Tgt Ion:164 Resp: 56
Ion Ratio Lower Upper
164 100
166 173.7 103.1 154.7#
129 0.0 85.3 127.9#
131 0.0 83.5 125.3#



#53
Toluene
Concen: 0.003 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 91 Resp: 85
Ion Ratio Lower Upper
91 100
92 355.3 47.8 71.8#





#54

1,2-Dibromoethane

Concen: 0.020 ppbv

RT: 7.655 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

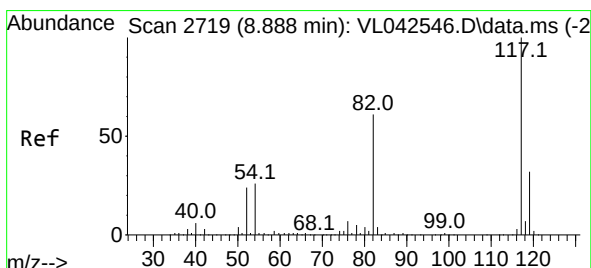
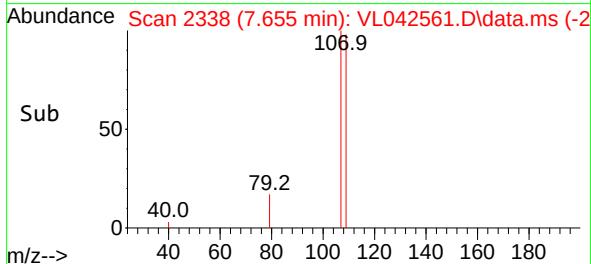
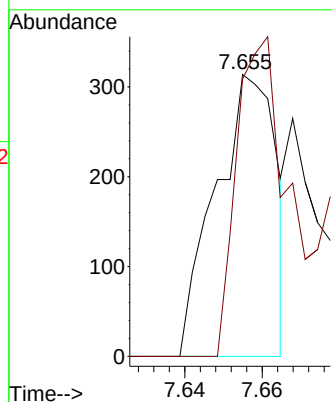
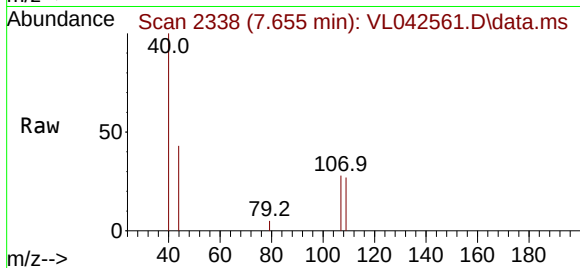
MDL 0.03

Tgt Ion:107 Resp: 339

Ion Ratio Lower Upper

107 100

109 98.4 73.4 110.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.000 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

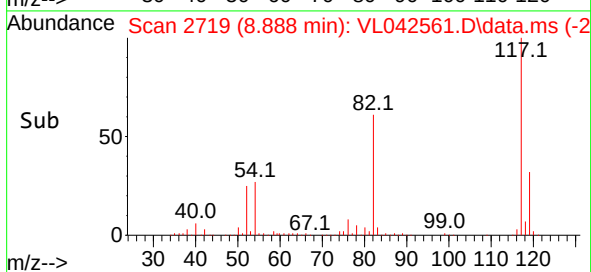
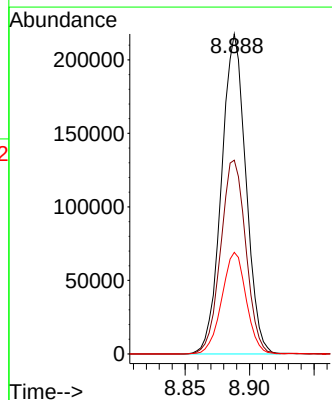
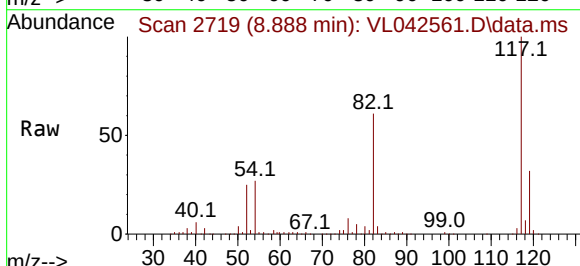
Tgt Ion:117 Resp: 285918

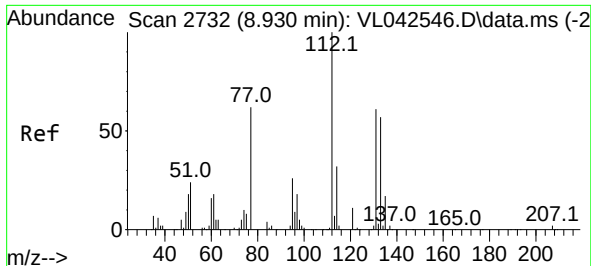
Ion Ratio Lower Upper

117 100

82 62.5 51.0 76.4

119 32.0 27.0 40.4

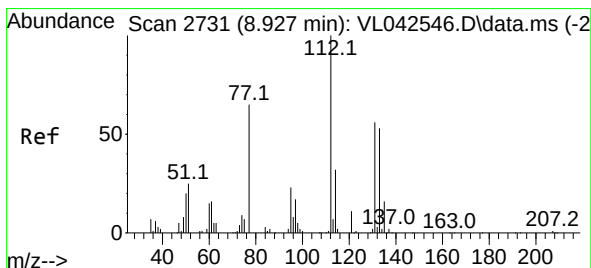
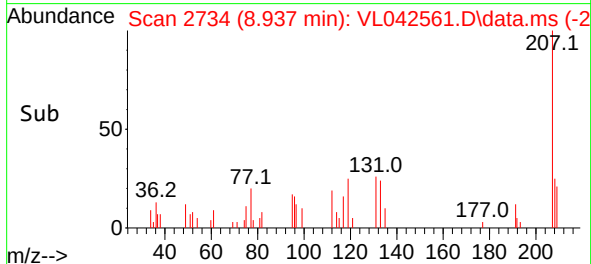
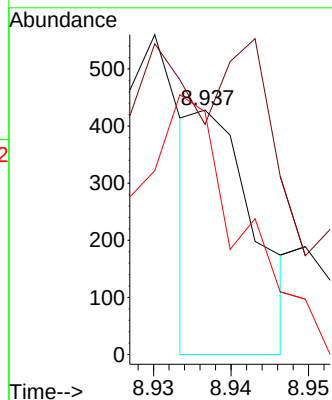
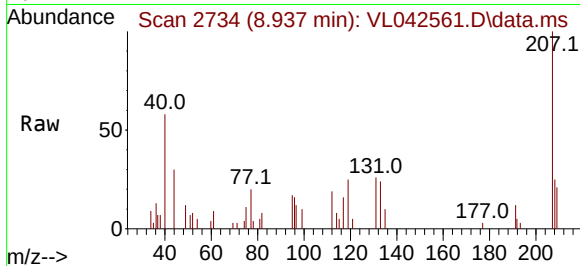




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.015 ppbv
 RT: 8.937 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

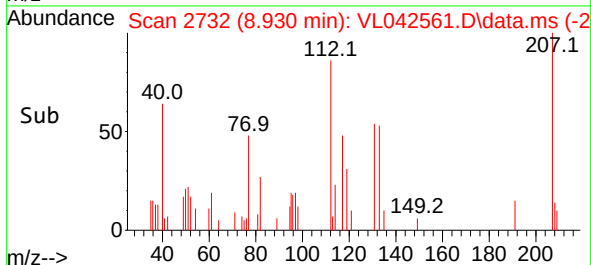
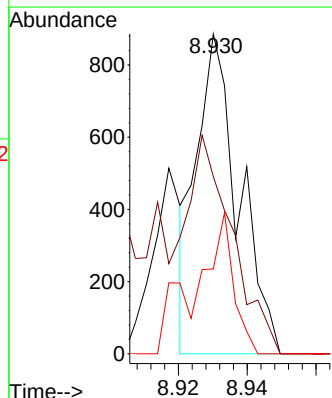
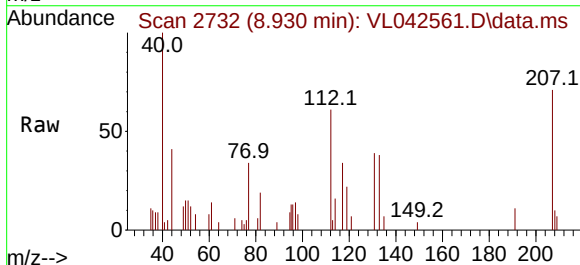
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

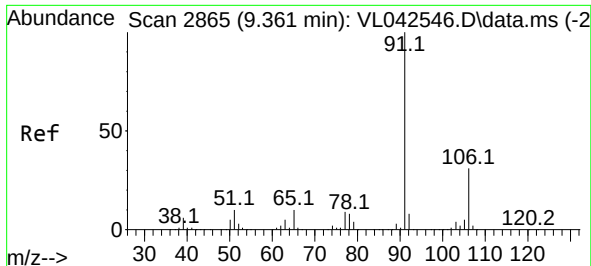
Tgt Ion:131 Resp: 230
 Ion Ratio Lower Upper
 131 100
 133 376.1 76.3 114.5#
 119 0.0 47.5 71.3#



#57
 Chlorobenzene
 Concen: 0.030 ppbv
 RT: 8.930 min Scan# 2732
 Delta R.T. 0.003 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Tgt Ion:112 Resp: 754
 Ion Ratio Lower Upper
 112 100
 77 55.4 53.2 79.8
 114 26.5 28.4 34.8#





#58

Ethyl Benzene

Concen: 0.008 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. 0.181 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

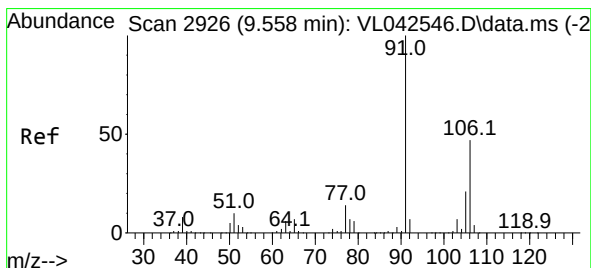
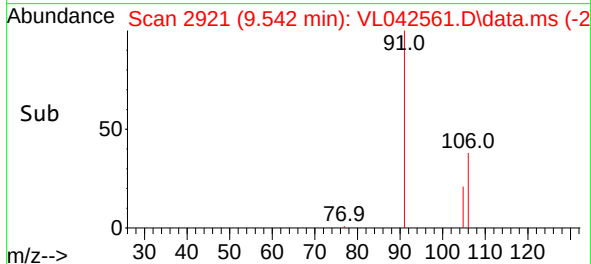
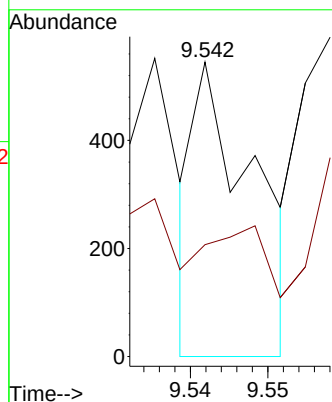
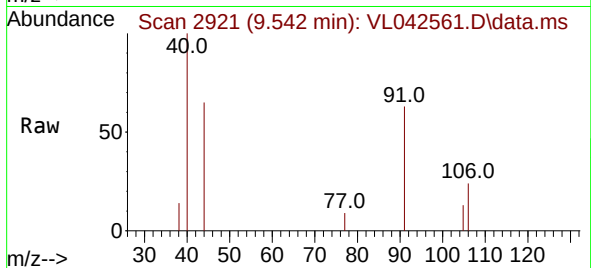
MDL 0.03

Tgt Ion: 91 Resp: 290

Ion Ratio Lower Upper

91 100

106 36.4 24.6 37.0



#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 9.558 min Scan# 2926

Delta R.T. -0.000 min

Lab File: VL042561.D

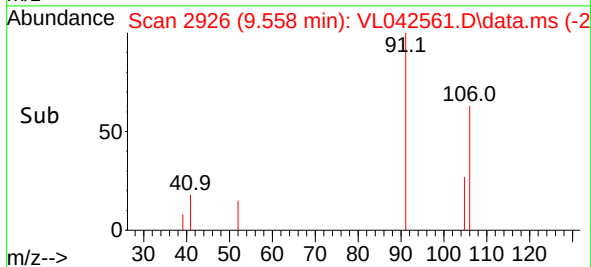
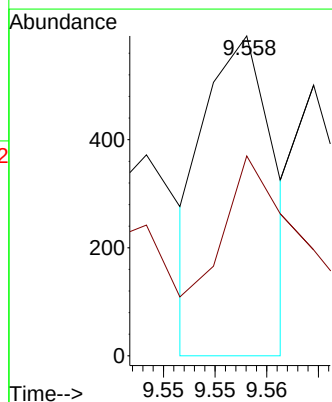
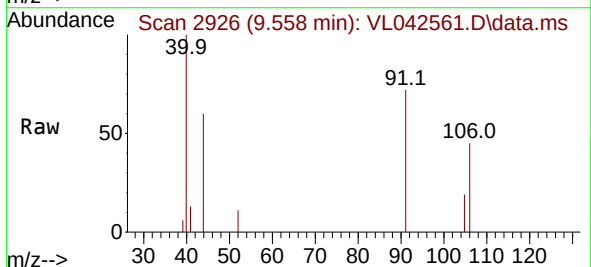
Acq: 21 May 2025 11:59

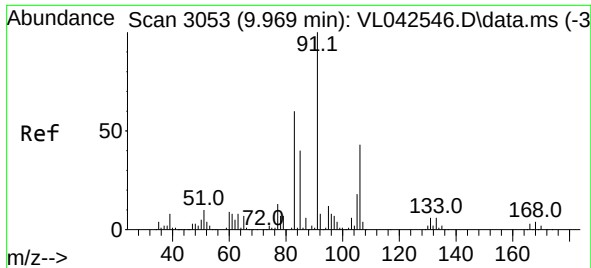
Tgt Ion: 91 Resp: 277

Ion Ratio Lower Upper

91 100

106 209.0 37.1 55.7#

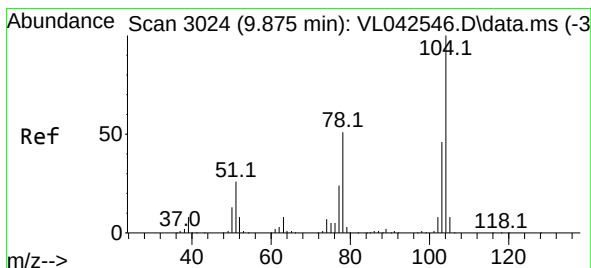
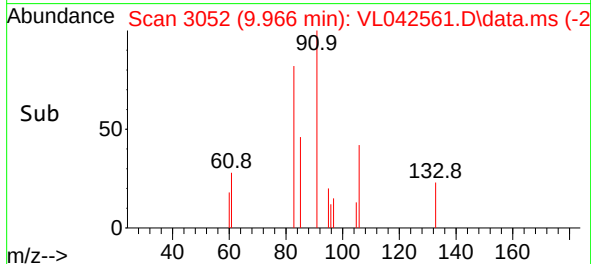
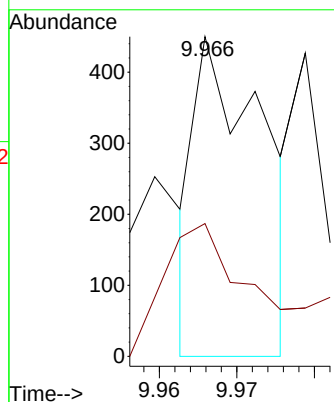
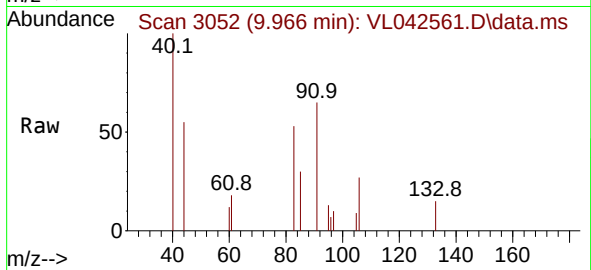




#60
o-Xylene
Concen: 0.009 ppbv
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

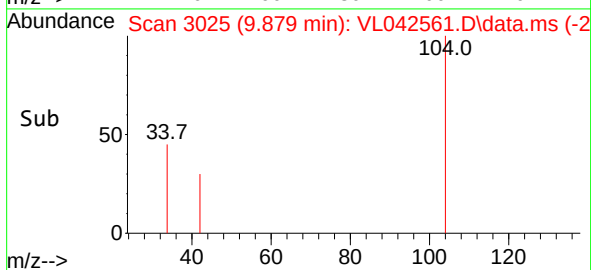
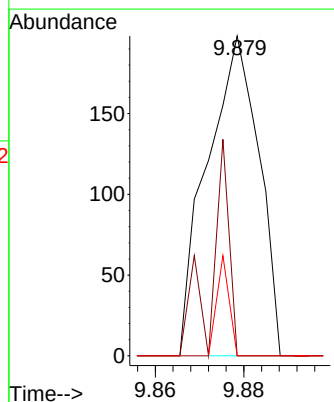
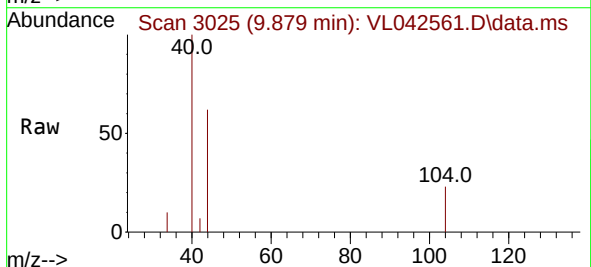
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

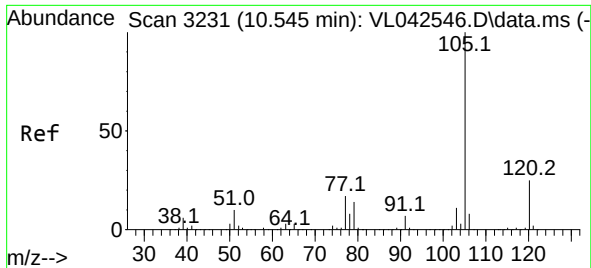
Tgt Ion: 91 Resp: 275
Ion Ratio Lower Upper
91 100
106 60.7 21.6 64.8



#61
Styrene
Concen: 0.013 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 104 Resp: 160
Ion Ratio Lower Upper
104 100
78 0.0 39.2 58.8#
103 0.0 37.1 55.7#

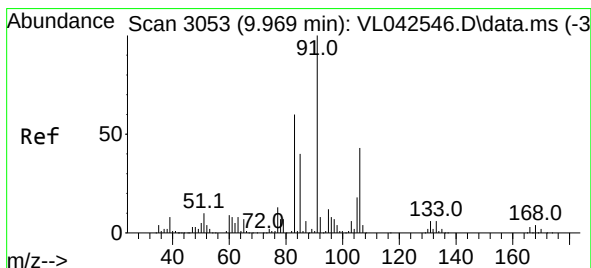
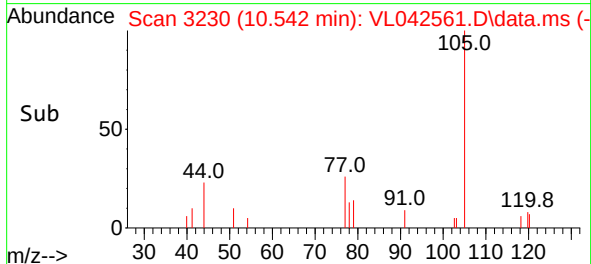
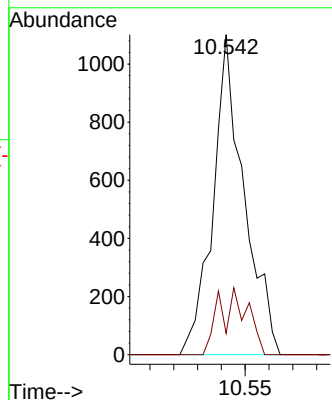
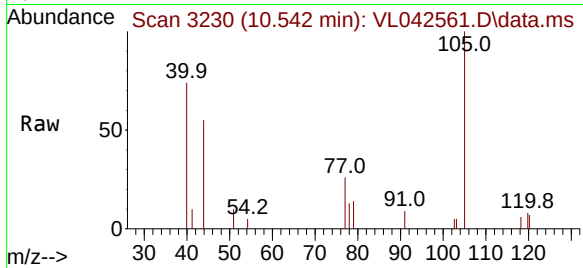




#62
Isopropylbenzene
Concen: 0.021 ppbv
RT: 10.542 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

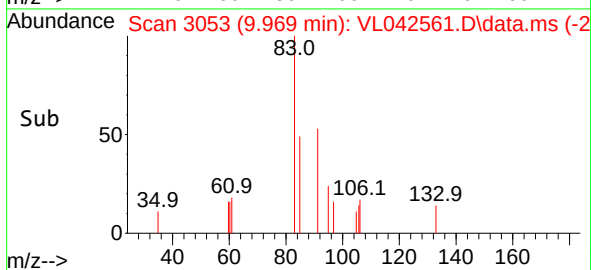
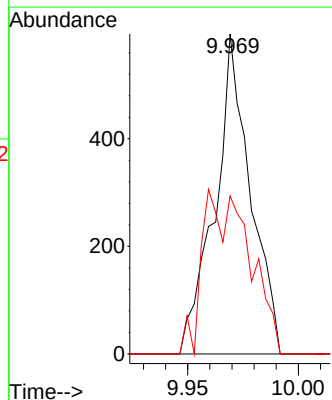
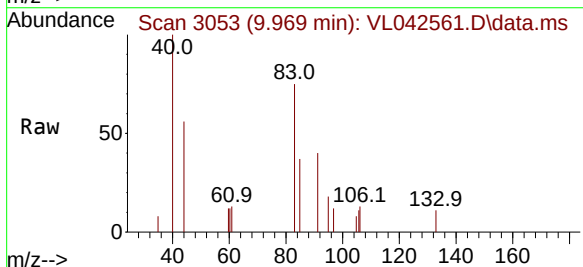
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

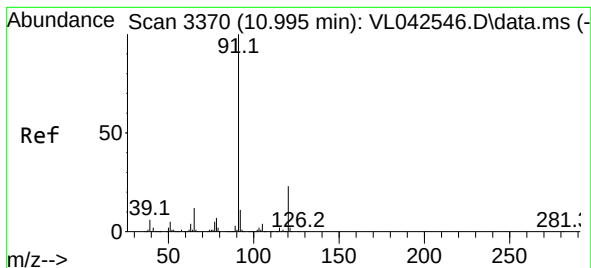
Tgt Ion:105 Resp: 996
Ion Ratio Lower Upper
105 100
120 18.9 20.0 30.0#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 83 Resp: 663
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 68.3 32.5 97.4





#64

n-propylbenzene

Concen: 0.009 ppbv

RT: 10.992 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

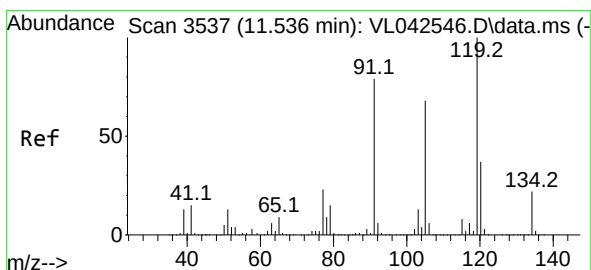
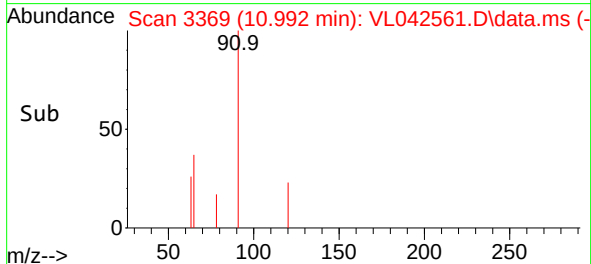
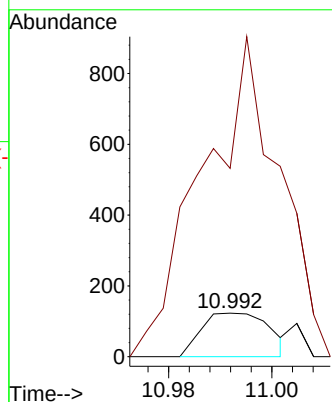
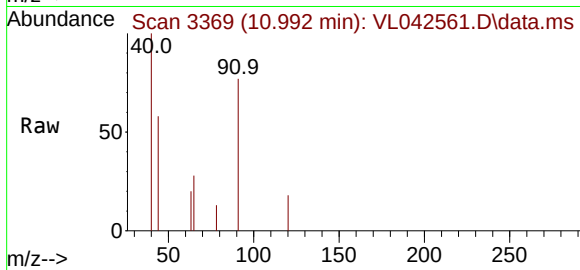
MDL 0.03

Tgt Ion:120 Resp: 113

Ion Ratio Lower Upper

120 100

91 824.8 367.0 550.4#



#65

tert-Butylbenzene

Concen: 0.017 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

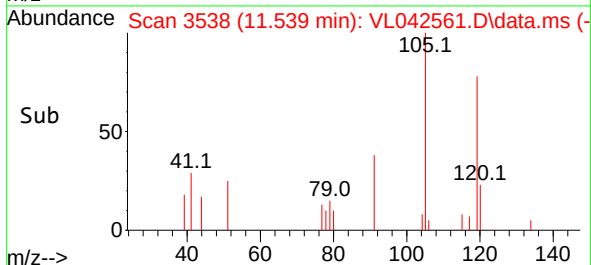
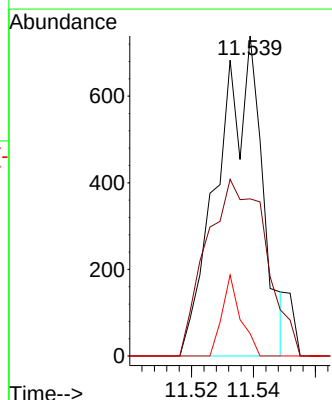
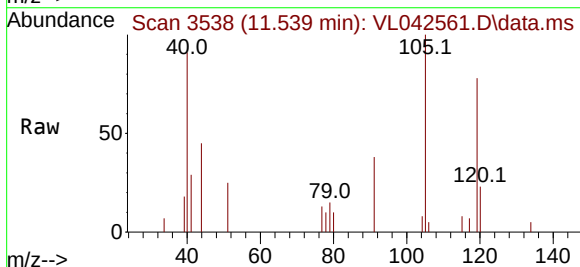
Tgt Ion:119 Resp: 723

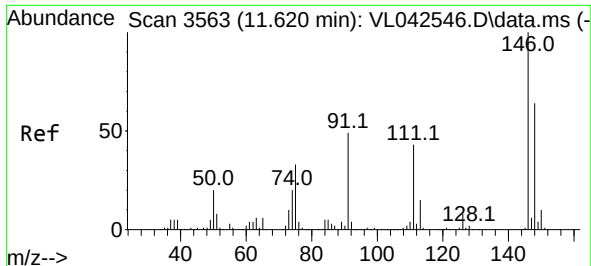
Ion Ratio Lower Upper

119 100

91 75.0 62.7 94.1

134 10.8 16.8 25.2#

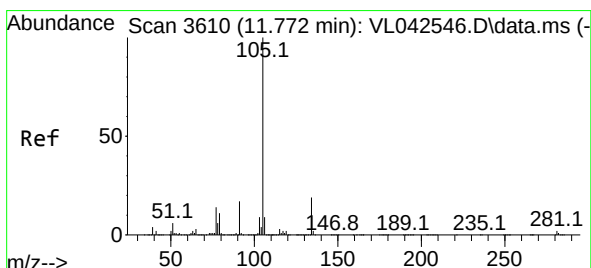
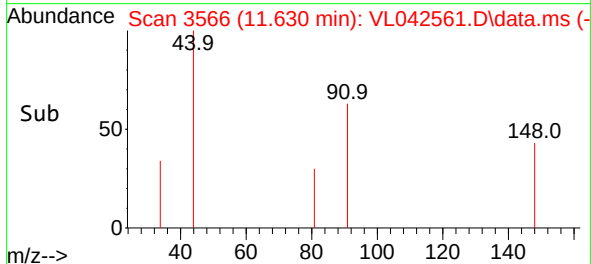
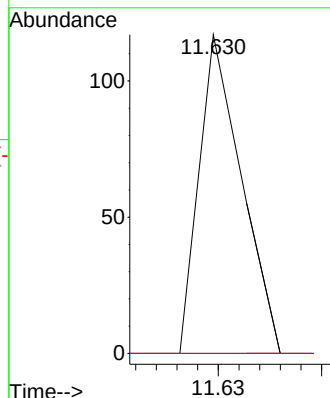
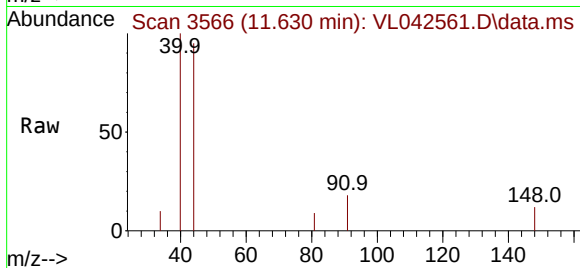




#66
Benzyl Chloride
Concen: 0.006 ppbv
RT: 11.630 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

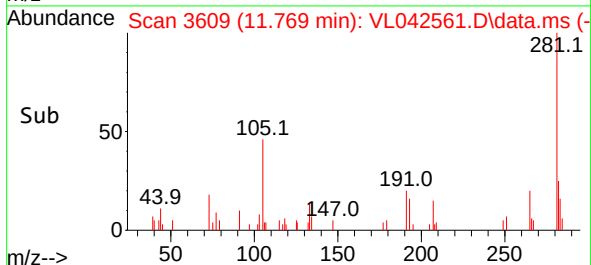
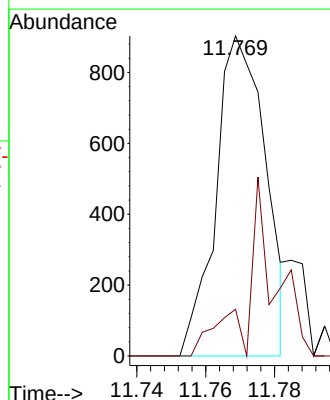
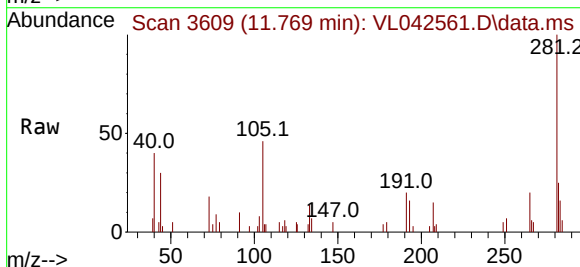
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

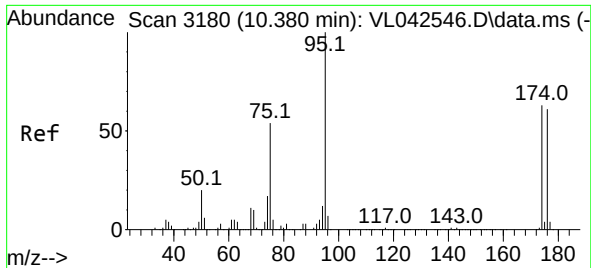
Tgt Ion: 91 Resp: 33
Ion Ratio Lower Upper
91 100
126 0.0 14.2 21.2#
128 0.0 4.6 6.8#



#67
sec-Butylbenzene
Concen: 0.015 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 105 Resp: 902
Ion Ratio Lower Upper
105 100
134 32.8 15.4 23.2#

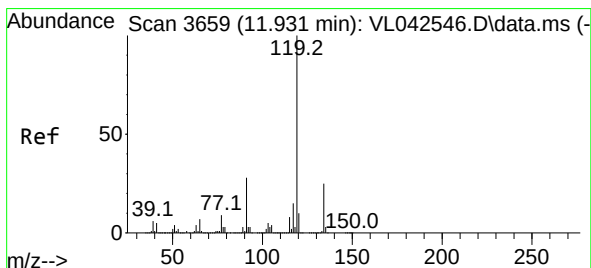
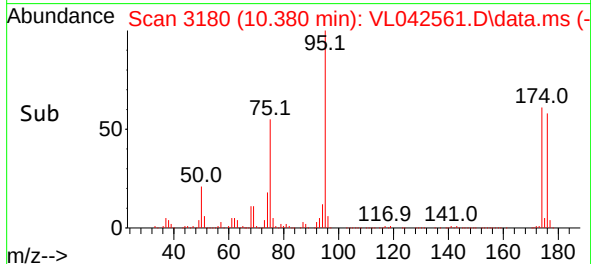
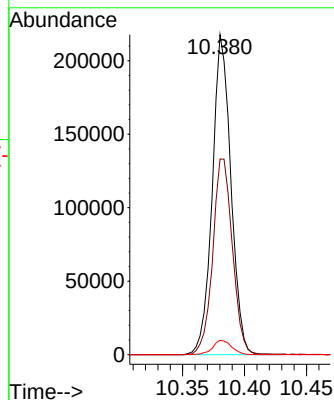
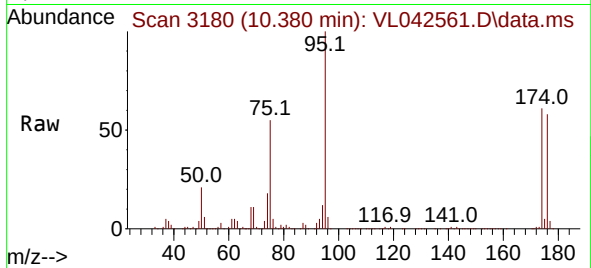




#68
1-Bromo-4-Fluorobenzene
Concen: 9.980 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

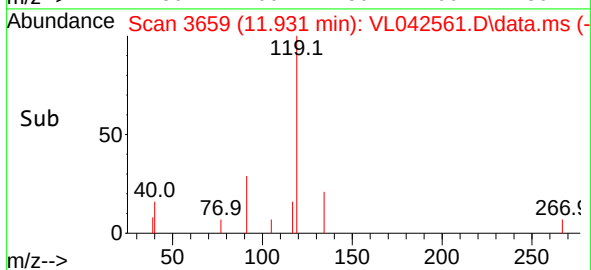
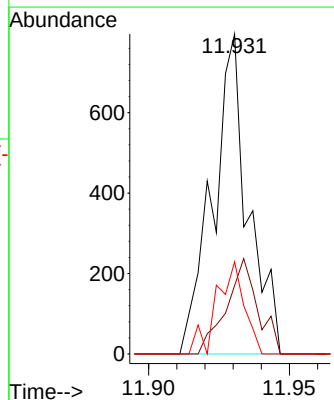
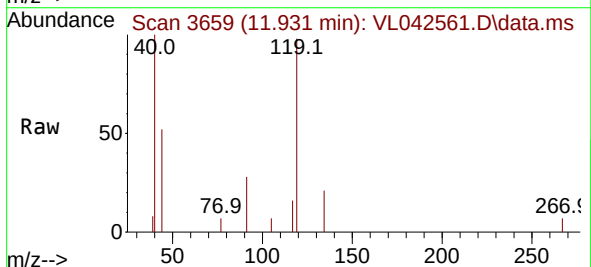
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

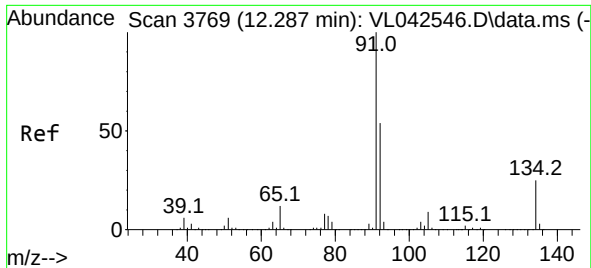
Tgt Ion: 95 Resp: 228365
Ion Ratio Lower Upper
95 100
174 64.6 52.0 78.0
175 4.6 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.014 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 119 Resp: 692
Ion Ratio Lower Upper
119 100
134 26.4 20.1 30.1
91 22.5 22.3 33.5

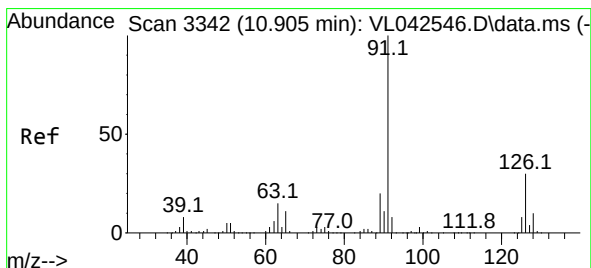
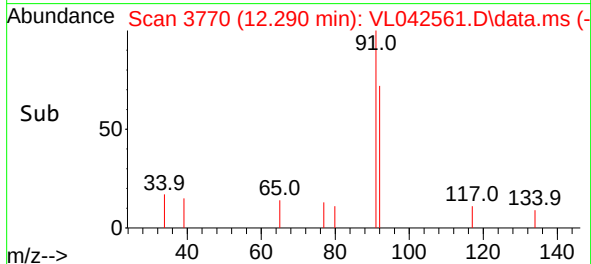
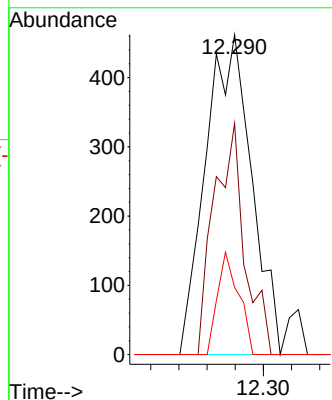
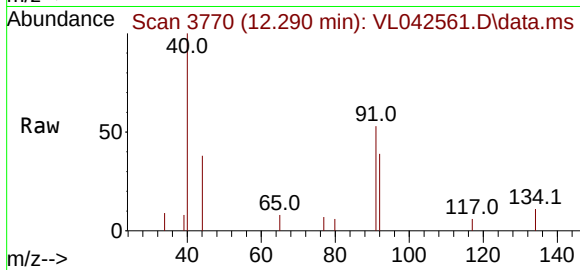




#70
n-Butylbenzene
Concen: 0.011 ppbv
RT: 12.290 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

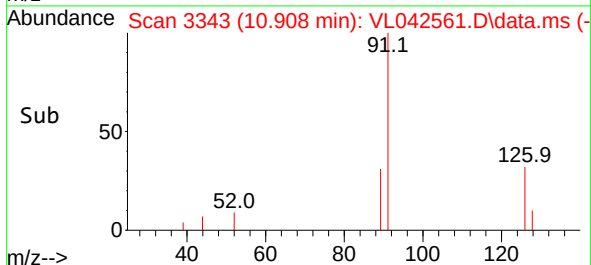
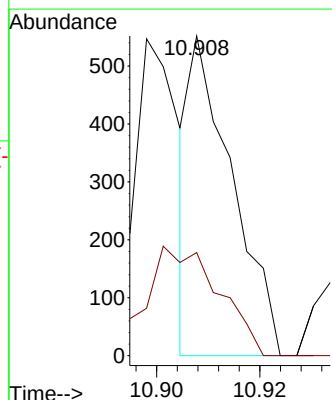
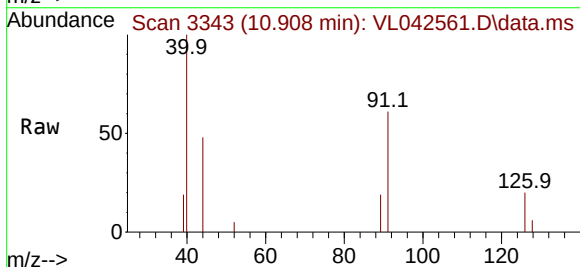
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

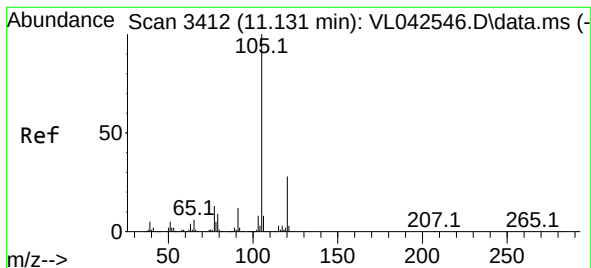
Tgt Ion: 91 Resp: 522
Ion Ratio Lower Upper
91 100
92 48.3 43.8 65.6
134 14.8 19.7 29.5#



#71
2-Chlorotoluene
Concen: 0.009 ppbv
RT: 10.908 min Scan# 3343
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 91 Resp: 317
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.4#

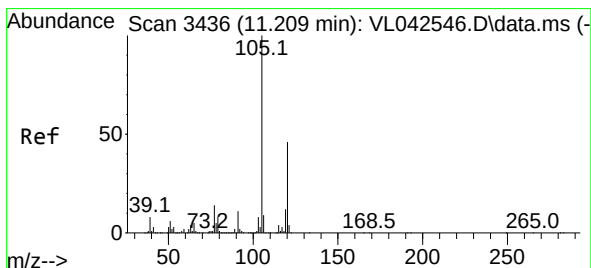
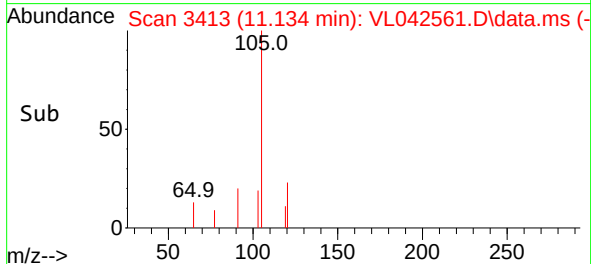
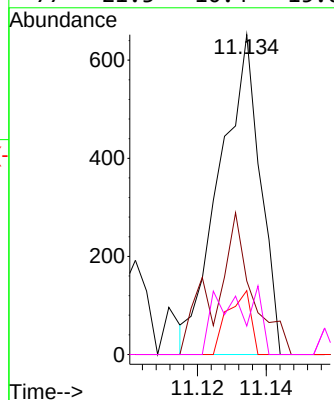
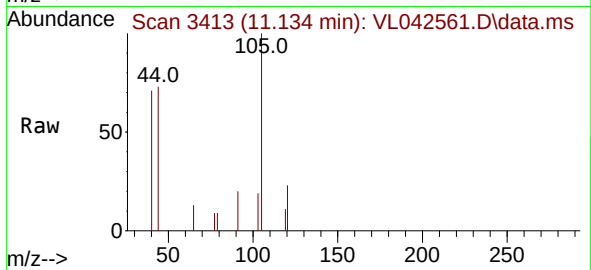




#72
4-Ethyltoluene
Concen: 0.014 ppbv
RT: 11.134 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

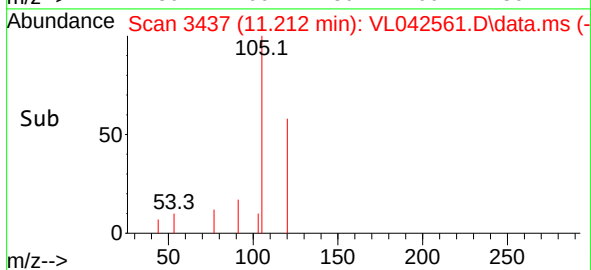
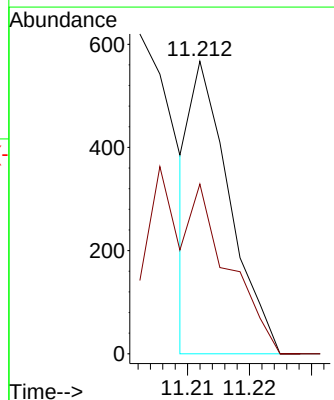
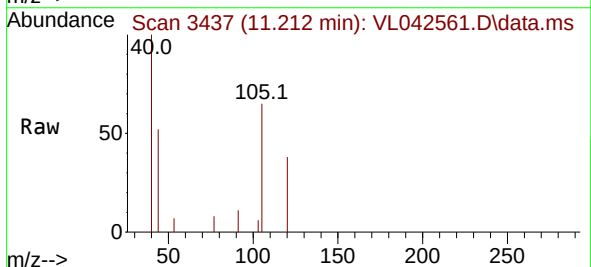
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

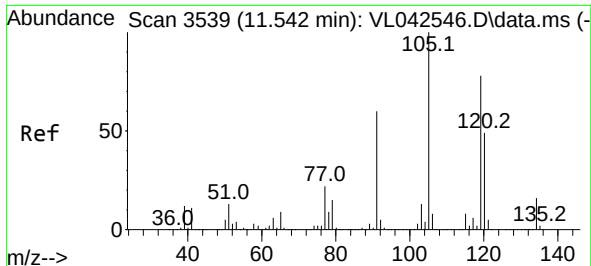
Tgt Ion:	105	Resp:	531
Ion	Ratio	Lower	Upper
105	100		
120	41.2	23.4	35.0#
91	11.5	10.2	15.4
77	21.3	10.4	15.6#



#73
1,3,5-Trimethylbenzene
Concen: 0.007 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:	105	Resp:	244
Ion	Ratio	Lower	Upper
105	100		
120	58.0	36.5	54.7#

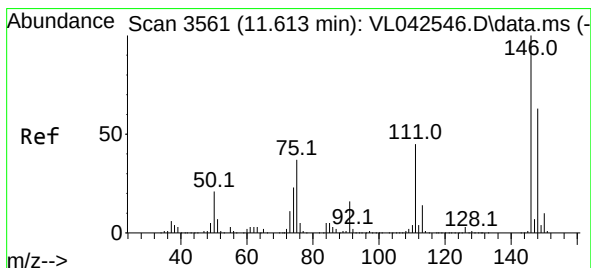
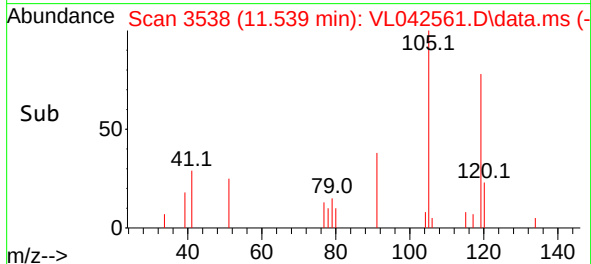
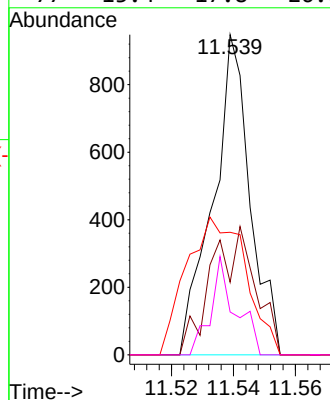
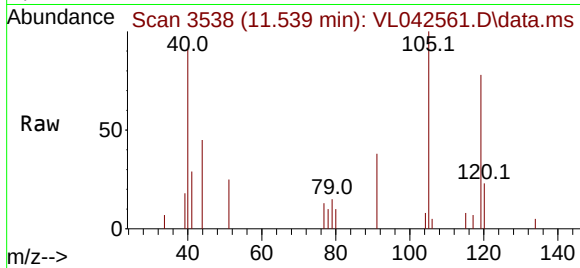




#74
1,2,4-Trimethylbenzene
Concen: 0.019 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

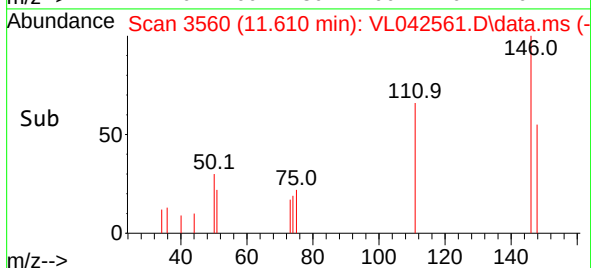
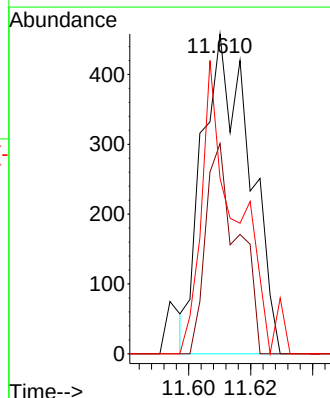
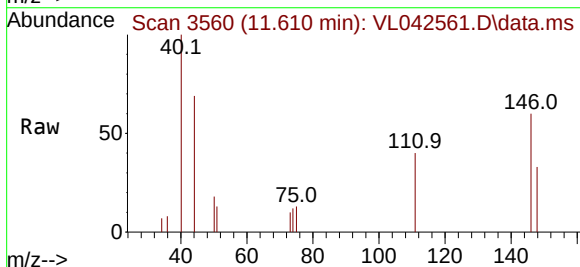
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

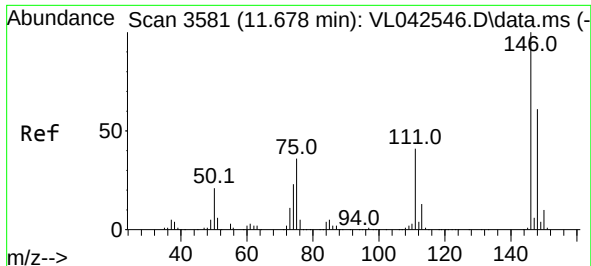
Tgt Ion:	105	Resp:	789
Ion	Ratio	Lower	Upper
105	100		
120	22.7	39.4	59.0#
91	38.3	47.8	71.8#
77	13.4	17.8	26.6#



#75
1,3-Dichlorobenzene
Concen: 0.019 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:	146	Resp:	483
Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.8	68.4
148	67.5	31.6	94.8

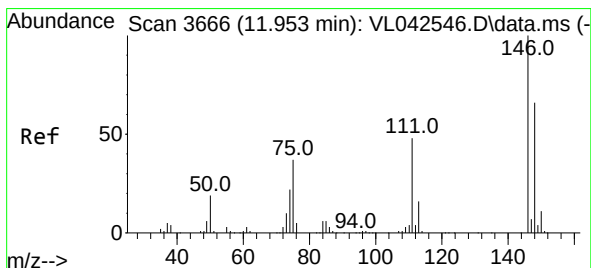
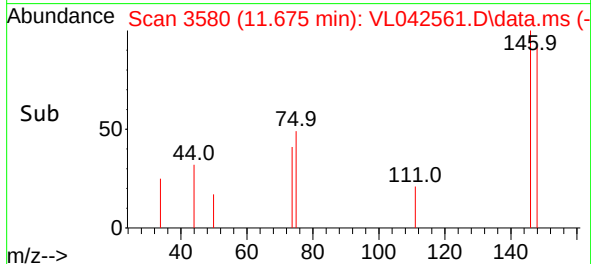
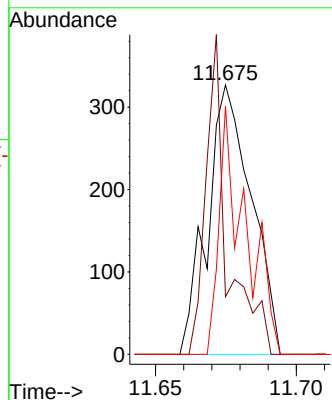
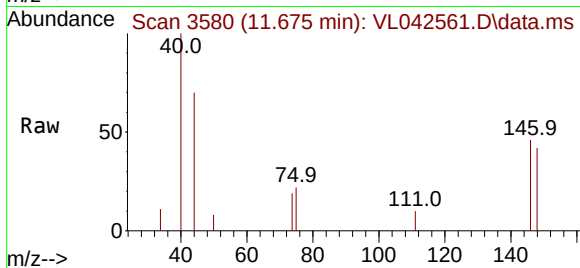




#76
1,4-Dichlorobenzene
Concen: 0.015 ppbv
RT: 11.675 min Scan# 3581
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

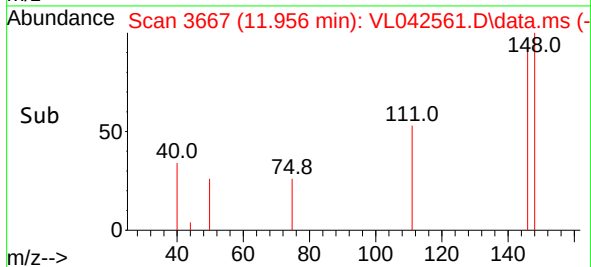
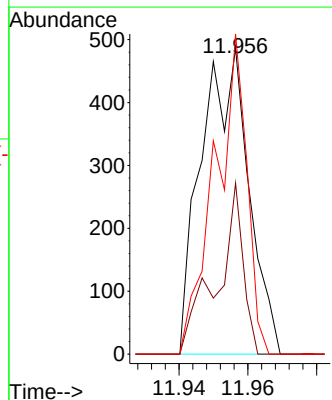
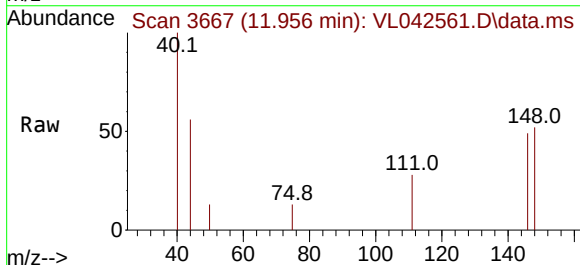
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

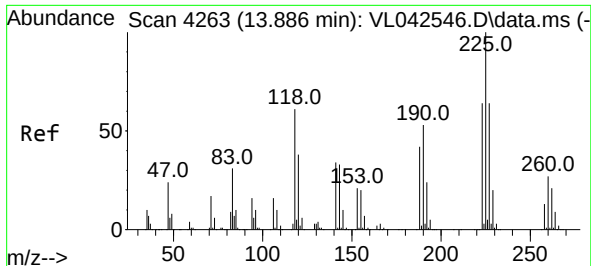
Tgt Ion:146 Resp: 355
Ion Ratio Lower Upper
146 100
111 57.2 21.8 65.3
148 55.5 31.4 94.3



#77
1,2-Dichlorobenzene
Concen: 0.019 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:146 Resp: 464
Ion Ratio Lower Upper
146 100
111 31.3 23.7 71.1
148 70.9 32.3 96.9

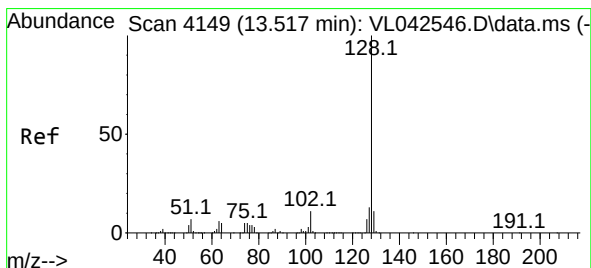
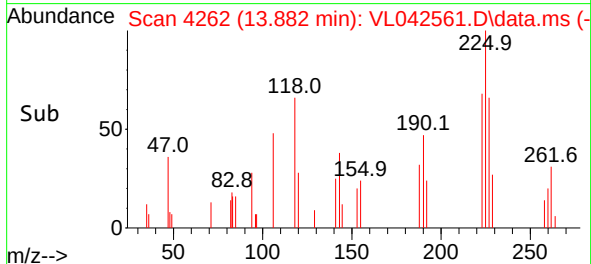
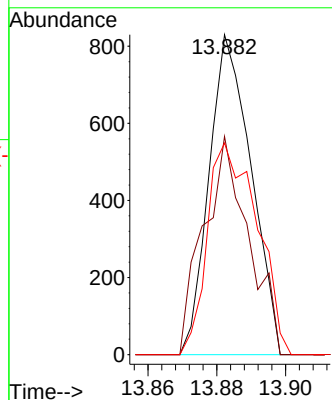
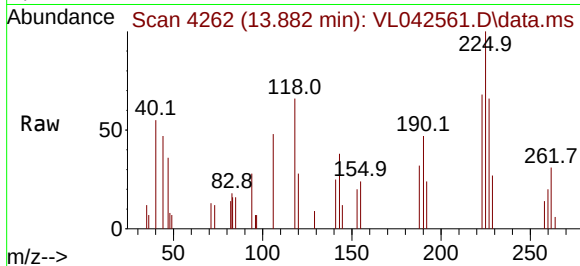




#78
Hexachloro-1,3-Butadiene
Concen: 0.034 ppbv
RT: 13.882 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

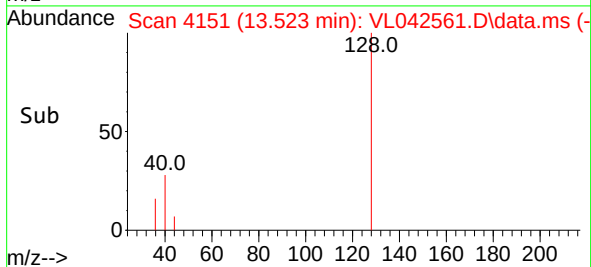
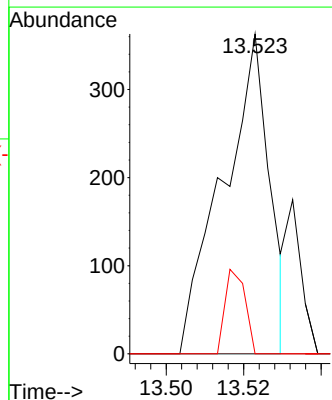
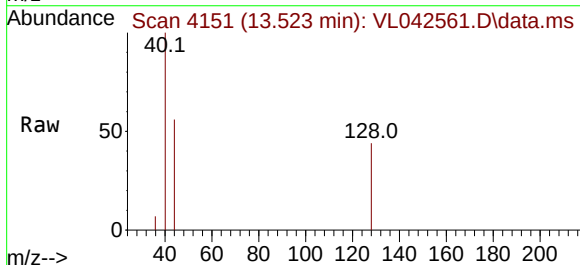
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

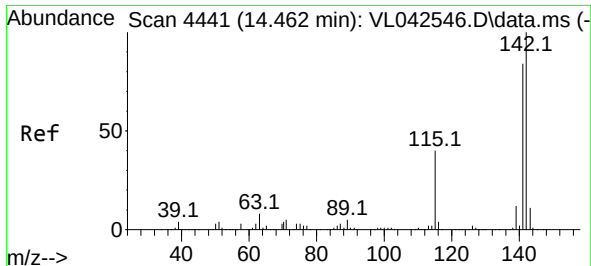
Tgt Ion:225 Resp: 704
Ion Ratio Lower Upper
225 100
223 72.4 51.0 76.6
227 78.4 50.2 75.4#



#79
Naphthalene
Concen: 0.010 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.006 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:128 Resp: 303
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#

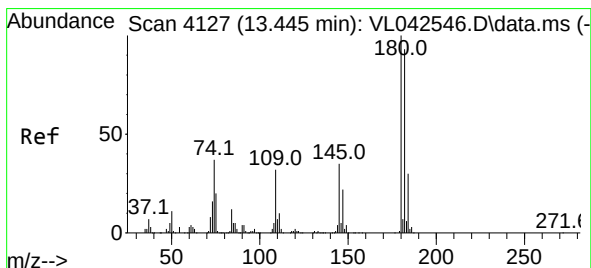
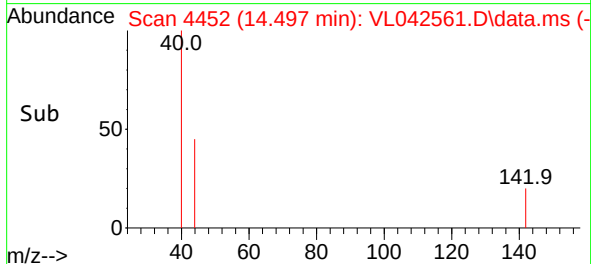
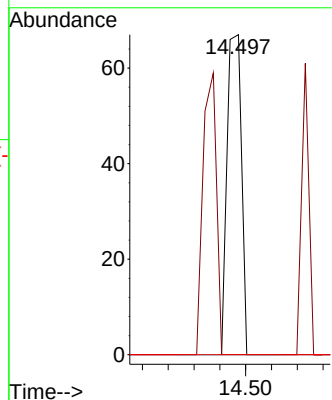
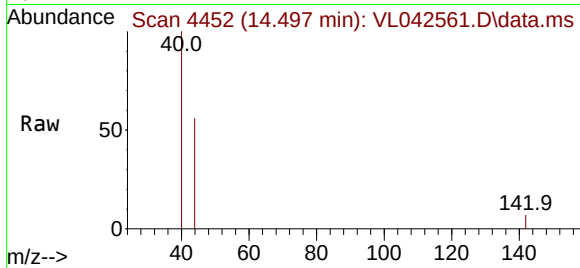




#80
Naphthalene, 2-methyl-
Concen: 0.002 ppbv
RT: 14.497 min Scan# 4441
Delta R.T. 0.035 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
141 80.8 67.4 101.0
115 0.0 31.5 47.3#



#81
1,2,4-Trichlorobenzene
Concen: 0.009 ppbv
RT: 13.445 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion:180 Resp: 157
Ion Ratio Lower Upper
180 100
182 38.2 75.6 113.4#
184 44.6 23.7 35.5#

