

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042577.D
 Acq On : 22 May 2025 12:40
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 23 01:48:59 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	2.797	49	114545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	331450	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	287684	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	231339	10.048	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.557	85	753	0.035	ppbv	89
3) Chlorodifluoromethane	1.531	51	85	0.005	ppbv	98
4) Chloromethane	1.538	50	381	0.055	ppbv #	77
5) Vinyl Chloride	1.583	62	374	0.049	ppbv #	59
6) Bromomethane	1.670	94	234	0.053	ppbv #	63
7) Chloroethane	1.709	64	222	0.073	ppbv #	44
8) Dichlorotetrafluoroethane	1.557	85	753	0.041	ppbv	83
9) Propene	1.486	41	243	0.040	ppbv #	81
10) Heptane	5.004	43	88	0.005	ppbv #	1
11) Trichlorofluoromethane	1.884	101	859	0.038	ppbv #	80
12) 1,1,2-Trichlorotrifluo...	2.146	101	730	0.040	ppbv	94
13) Ethanol	1.890	45	765	0.860	ppbv #	37
14) Bromoethene	1.787	108	253	0.037	ppbv #	1
15) Acetone	1.842	43	1981	0.124	ppbv #	87
16) 1,3-Butadiene	1.612	39	327	0.050	ppbv	95
17) tert-Butyl alcohol	2.049	59	726	0.039	ppbv #	90
18) 1,1-Dichloroethene	2.043	96	282	0.035	ppbv #	22
19) Isopropyl Alcohol	1.890	45	765	0.084	ppbv #	40
20) Methylene Chloride	2.065	84	1891	0.245	ppbv #	90
21) Allyl Chloride	2.101	41	540	0.053	ppbv #	37
22) trans-1,2-Dichloroethene	2.347	96	363	0.040	ppbv #	71
23) Vinyl Acetate	2.467	43	1178	0.065	ppbv #	83
24) 1,1-Dichloroethane	2.415	63	688	0.044	ppbv #	86
25) Ethyl Acetate	2.842	43	287	0.009	ppbv #	74
26) Hexane	2.832	57	362	0.026	ppbv #	62
27) Carbon Disulfide	2.140	76	12	0.001	ppbv #	64
28) Methyl tert-Butyl Ether	2.454	73	373	0.040	ppbv #	54
29) Chloroform	2.858	83	687	0.026	ppbv #	58
30) Cyclohexane	3.865	84	68	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	314	0.020	ppbv #	79
32) 1,1,1-Trichloroethane	3.379	97	766	0.028	ppbv #	86
34) 2-Butanone	2.570	43	572	0.033	ppbv	94
35) Carbon Tetrachloride	3.774	117	1099	0.043	ppbv #	81
36) Benzene	3.664	78	266	0.010	ppbv #	23
37) 1,2-Dichloroethane	3.227	62	573	0.035	ppbv #	85
38) Trichloroethene	4.561	130	107	0.009	ppbv #	43
39) 1,2-Dichloropropane	3.972	63	80503	8.551	ppbv #	25
40) 1,4-Dioxane	4.645	88	55	0.013	ppbv #	1
41) Tetrahydrofuran	3.078	42	156	0.018	ppbv #	48
42) Bromodichloromethane	4.506	83	532	0.023	ppbv #	70
43) Methyl Methacrylate	4.900	69	48	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	679	0.017	ppbv #	42
45) t-1,3-Dichloropropene	6.438	75	138	0.012	ppbv #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042577.D
 Acq On : 22 May 2025 12:40
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

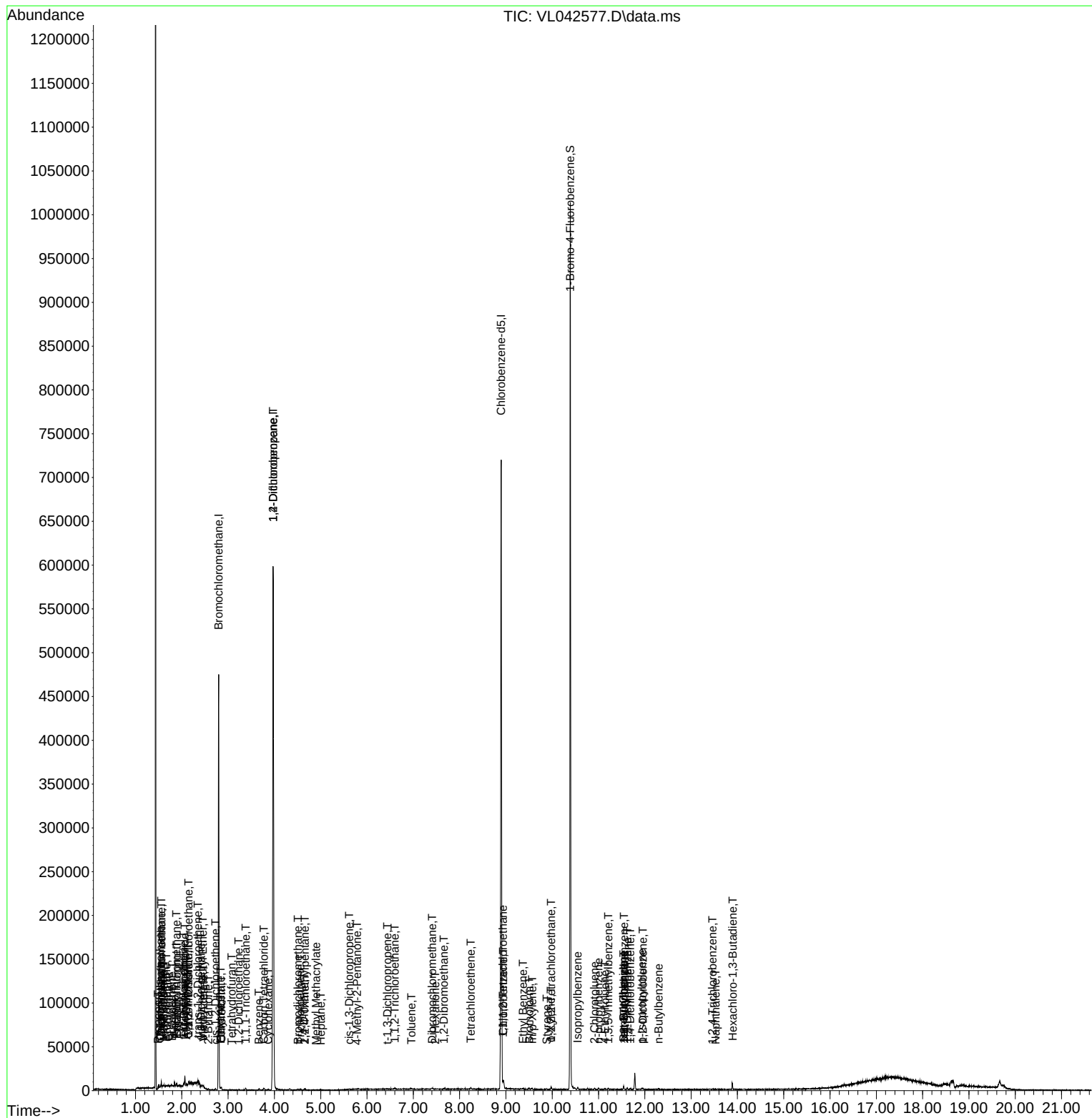
Quant Time: May 23 01:48:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

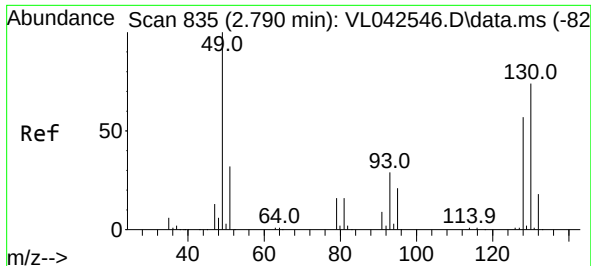
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	157	0.011	ppbv #	29
47) 1,1,2-Trichloroethane	6.600	97	111	0.010	ppbv #	51
48) Dibromochloromethane	7.406	129	727	0.037	ppbv	94
49) Bromoform	9.503	173	150	0.009	ppbv #	1
50) 4-Methyl-2-Pentanone	5.784	43	61	0.003	ppbv #	37
51) 2-Hexanone	7.470	43	130	0.008	ppbv #	84
52) Tetrachloroethene	8.241	164	355	0.034	ppbv #	44
53) Toluene	6.959	91	141	0.005	ppbv #	1
54) 1,2-Dibromoethane	7.661	107	168	0.010	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.937	131	707	0.046	ppbv #	1
57) Chlorobenzene	8.943	112	339	0.013	ppbv #	59
58) Ethyl Benzene	9.367	91	525	0.014	ppbv	98
59) m/p-Xylene	9.568	91	512	0.016	ppbv #	30
60) o-Xylene	9.972	91	438	0.014	ppbv	77
61) Styrene	9.882	104	128	0.010	ppbv #	14
62) Isopropylbenzene	10.548	105	989	0.020	ppbv #	76
63) 1,1,2,2-Tetrachloroethane	9.976	83	637	0.030	ppbv #	62
64) n-propylbenzene	11.002	120	196	0.016	ppbv	80
65) tert-Butylbenzene	11.542	119	638	0.015	ppbv	93
66) Benzyl Chloride	11.542	91	538	0.098	ppbv #	65
67) sec-Butylbenzene	11.545	105	511	0.008	ppbv	94
69) p-Isopropyltoluene	11.937	119	652	0.013	ppbv	95
70) n-Butylbenzene	12.296	91	416	0.009	ppbv #	73
71) 2-Chlorotoluene	10.914	91	811	0.023	ppbv	68
72) 4-Ethyltoluene	11.137	105	321	0.008	ppbv #	84
73) 1,3,5-Trimethylbenzene	11.212	105	615	0.018	ppbv	91
74) 1,2,4-Trimethylbenzene	11.552	105	270	0.007	ppbv #	76
75) 1,3-Dichlorobenzene	11.623	146	273	0.011	ppbv #	24
76) 1,4-Dichlorobenzene	11.684	146	420	0.017	ppbv	82
77) 1,2-Dichlorobenzene	11.956	146	493	0.020	ppbv	91
78) Hexachloro-1,3-Butadiene	13.895	225	739	0.036	ppbv	98
79) Naphthalene	13.526	128	199	0.006	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.461	180	44	0.002	ppbv #	1

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

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 23 01:48:59 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: 2.797 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

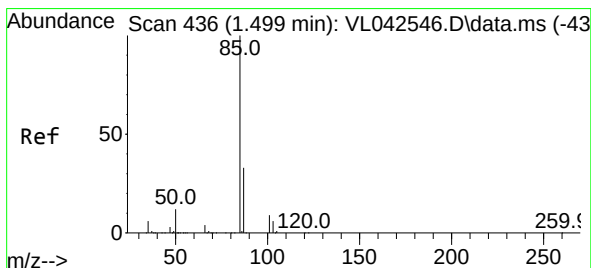
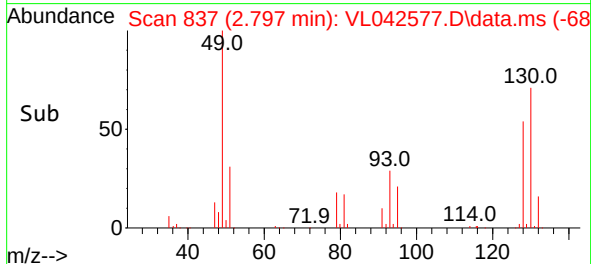
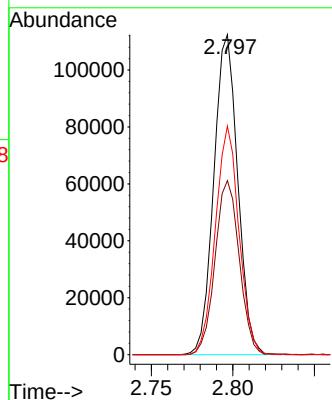
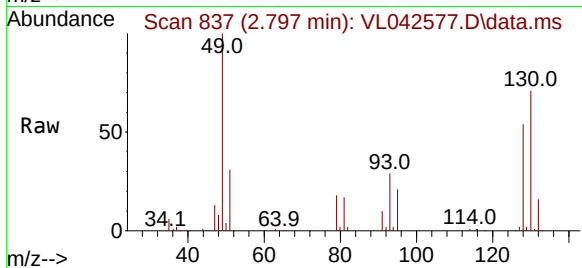
Tgt Ion: 49 Resp: 114545

Ion Ratio Lower Upper

49 100

128 55.1 28.6 85.8

130 70.5 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 0.035 ppbv

RT: 1.557 min Scan# 454

Delta R.T. 0.058 min

Lab File: VL042577.D

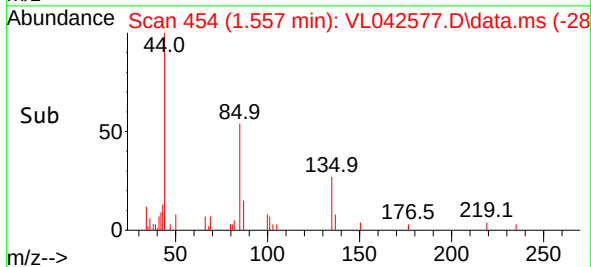
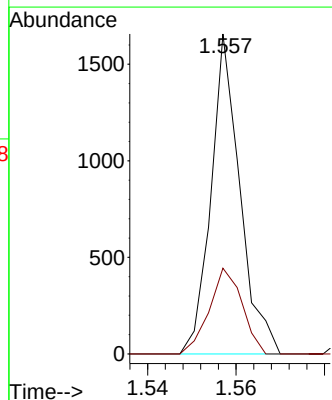
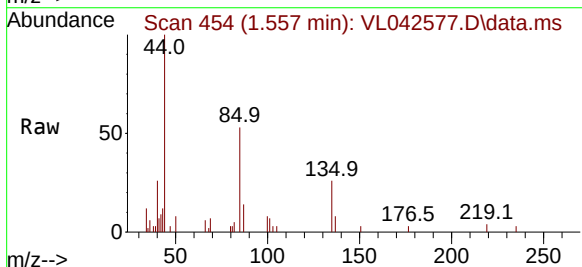
Acq: 22 May 2025 12:40

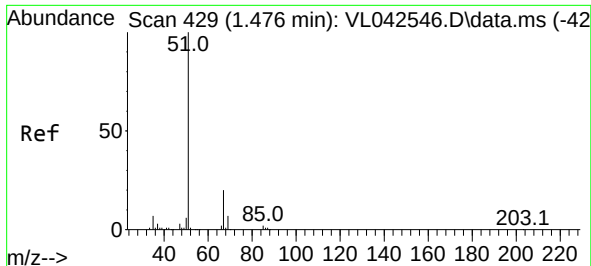
Tgt Ion: 85 Resp: 753

Ion Ratio Lower Upper

85 100

87 26.8 26.2 39.4

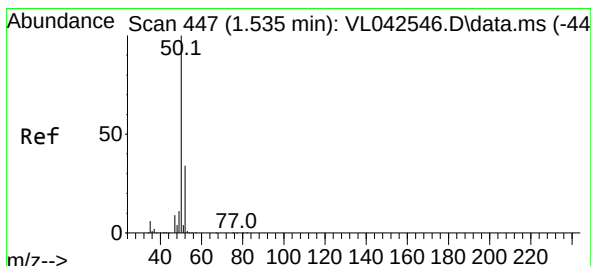
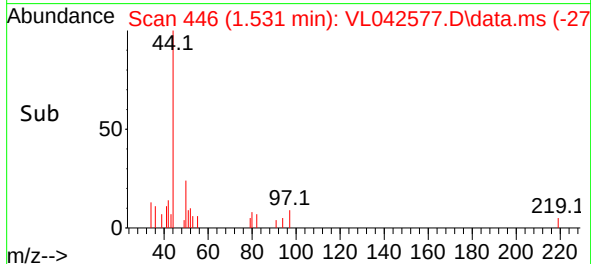
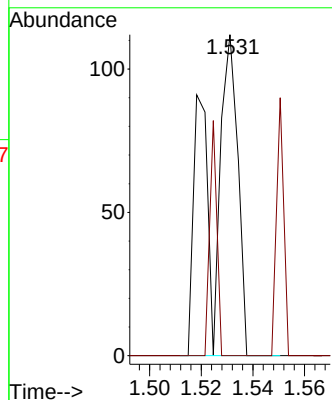
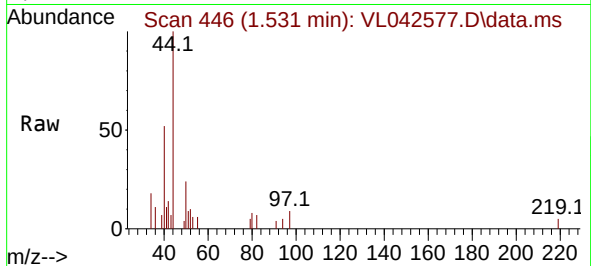




#3
Chlorodifluoromethane
Concen: 0.005 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.055 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

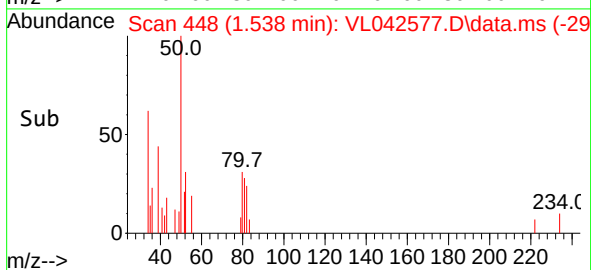
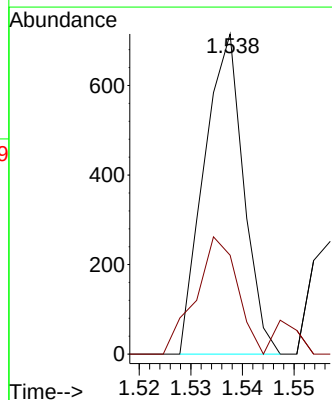
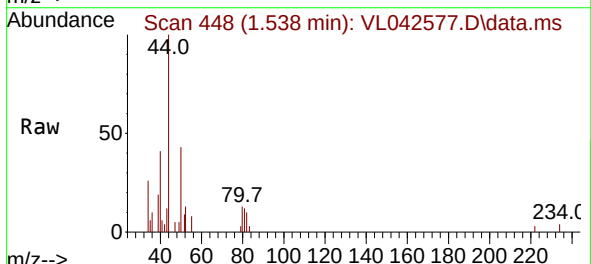
Instrument :
MSVOA_L
ClientSampleId :

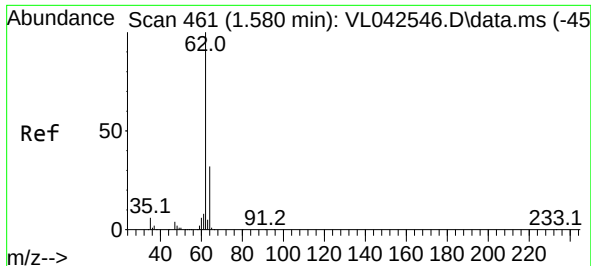
Tgt Ion: 51 Resp: 85
Ion Ratio Lower Upper
51 100
67 20.0 16.6 25.0



#4
Chloromethane
Concen: 0.055 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 20.3 26.9 40.3#

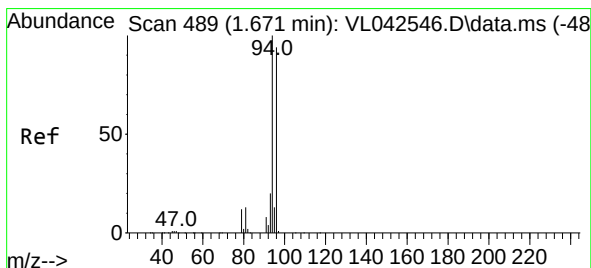
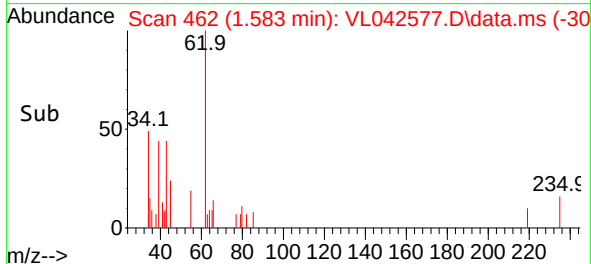
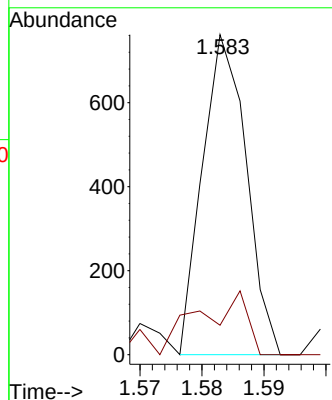
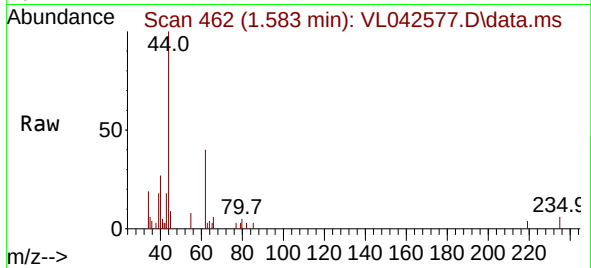




#5
 Vinyl Chloride
 Concen: 0.049 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

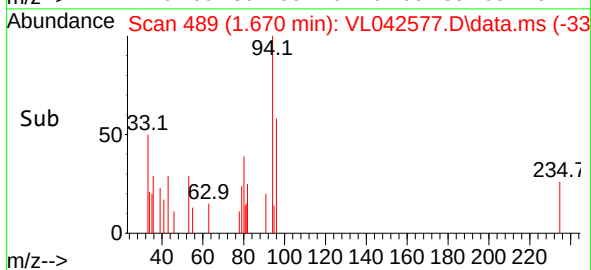
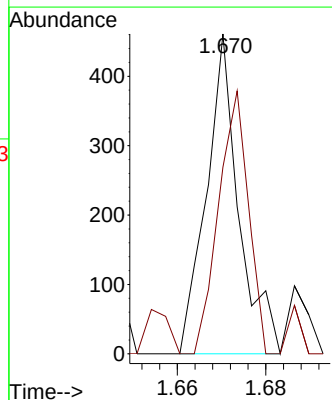
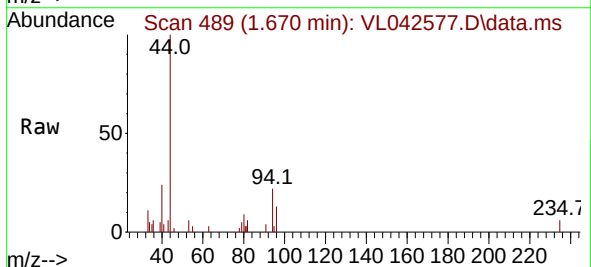
Instrument :
 MSVOA_L
 ClientSampleId :

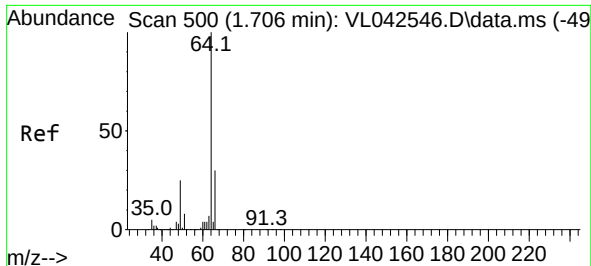
Tgt Ion: 62 Resp: 374
 Ion Ratio Lower Upper
 62 100
 64 9.2 25.7 38.5#



#6
 Bromomethane
 Concen: 0.053 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Tgt Ion: 94 Resp: 234
 Ion Ratio Lower Upper
 94 100
 96 58.4 74.9 112.3#

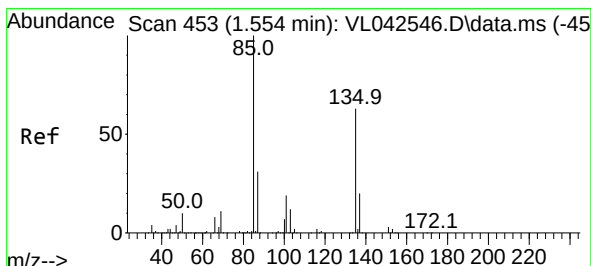
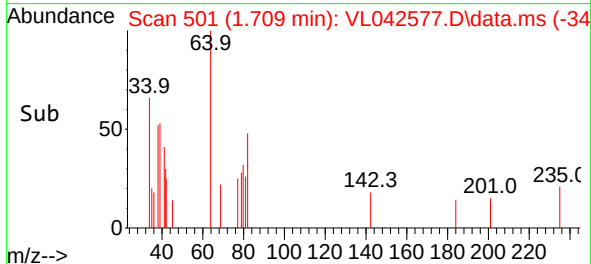
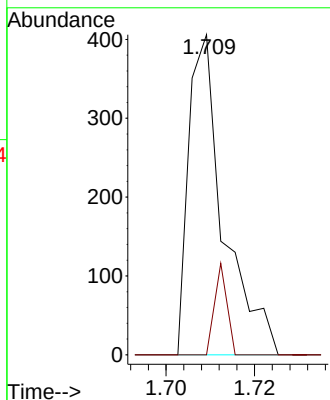
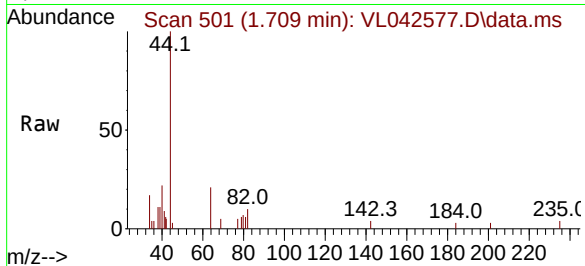




#7
Chloroethane
Concen: 0.073 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

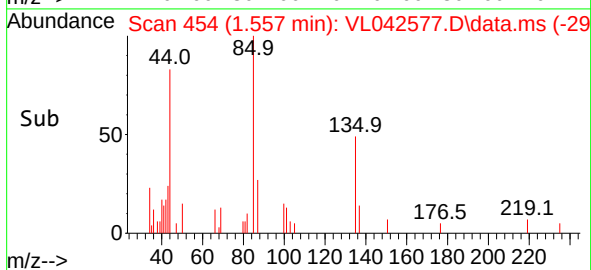
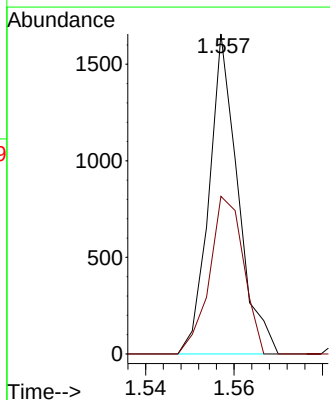
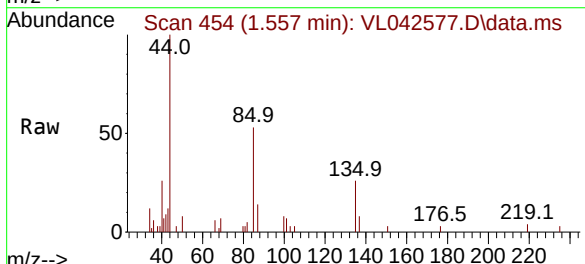
Instrument :
MSVOA_L
ClientSampleId :

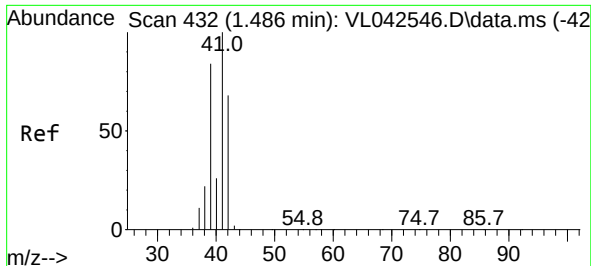
Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 85 Resp: 753
Ion Ratio Lower Upper
85 100
135 57.8 57.2 85.8

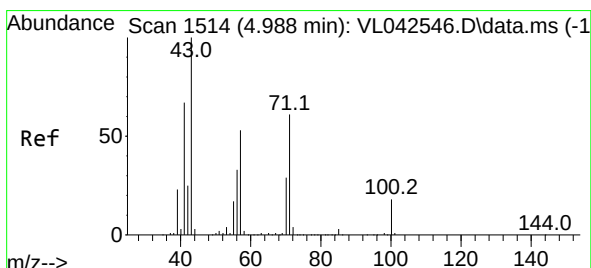
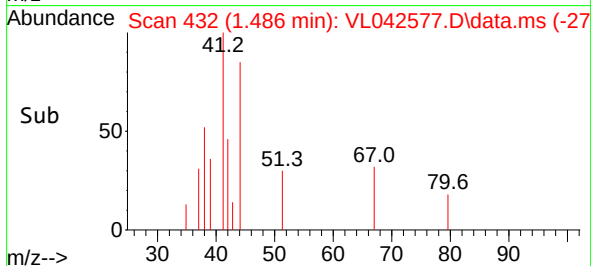
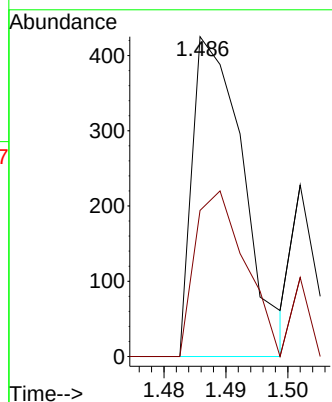
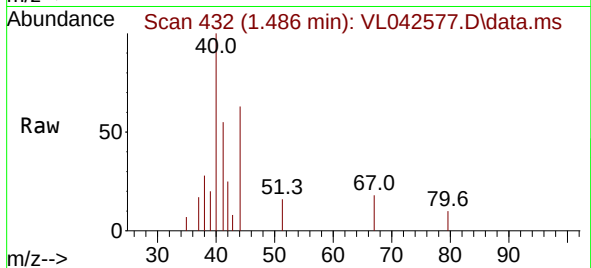




#9
Propene
Concen: 0.040 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

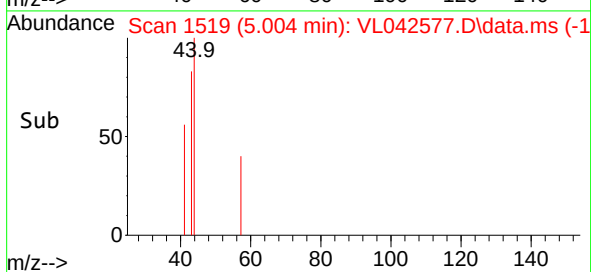
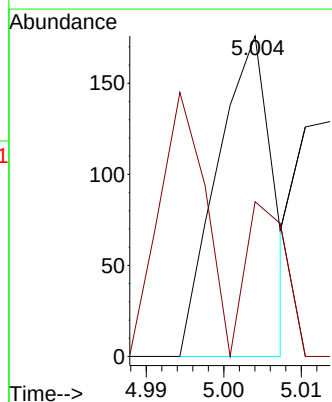
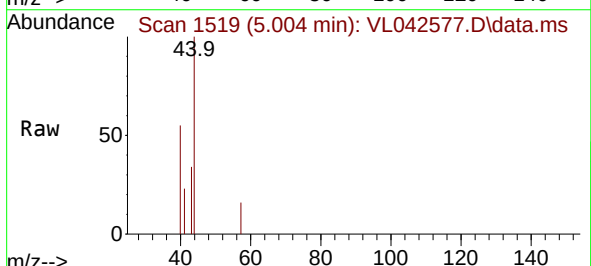
Instrument :
MSVOA_L
ClientSampleId :

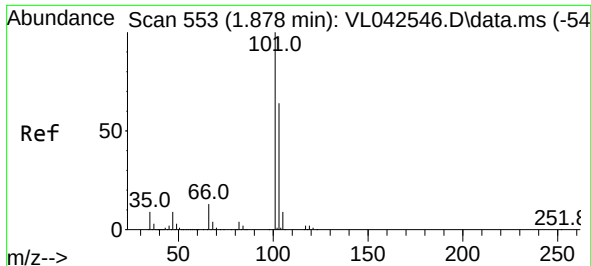
Tgt Ion: 41 Resp: 243
Ion Ratio Lower Upper
41 100
42 84.4 55.0 82.4#



#10
Heptane
Concen: 0.005 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

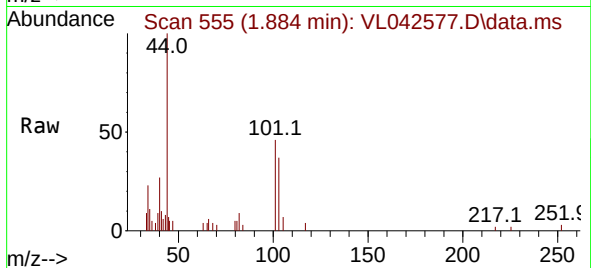
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
57 127.3 43.4 65.0#



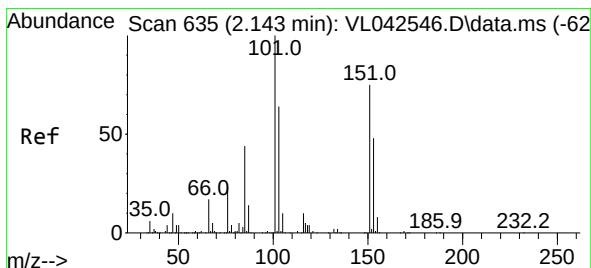
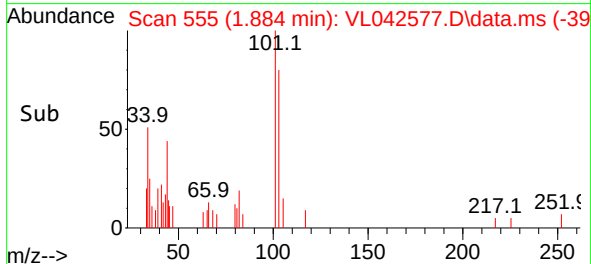
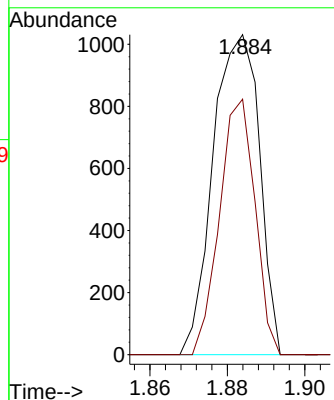


#11
 Trichlorofluoromethane
 Concen: 0.038 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Instrument :
 MSVOA_L
 ClientSampleId :

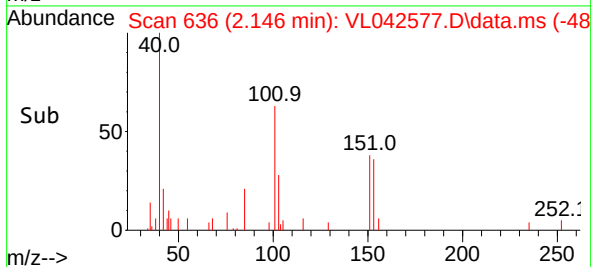
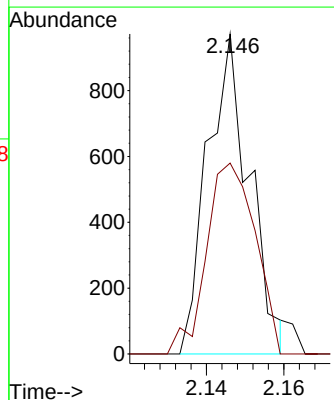
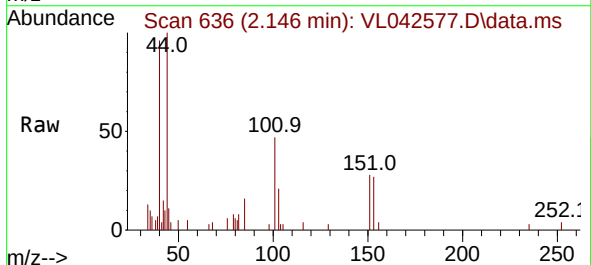


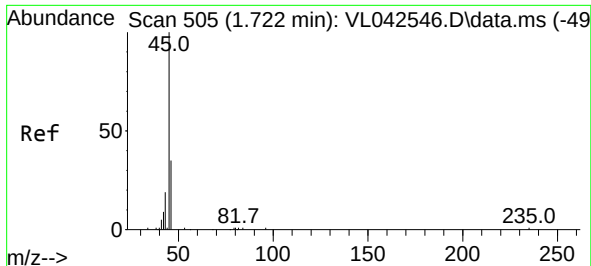
Tgt Ion:101 Resp: 859
 Ion Ratio Lower Upper
 101 100
 103 79.8 51.5 77.3#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.040 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Tgt Ion:101 Resp: 730
 Ion Ratio Lower Upper
 101 100
 151 69.7 59.5 89.3

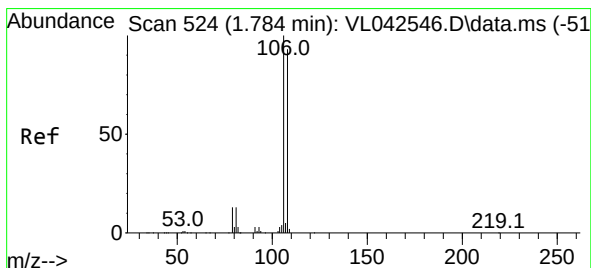
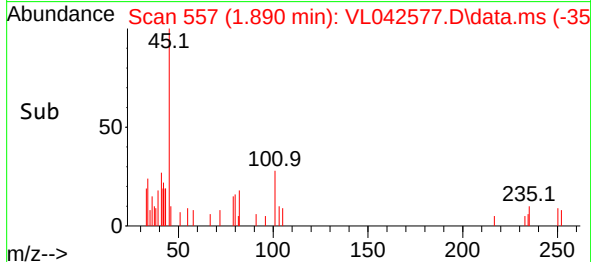
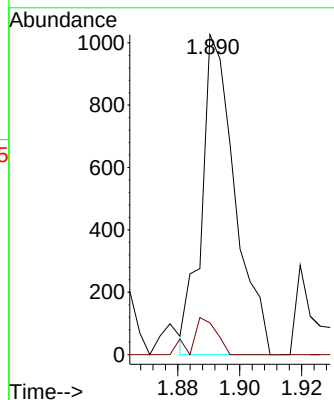
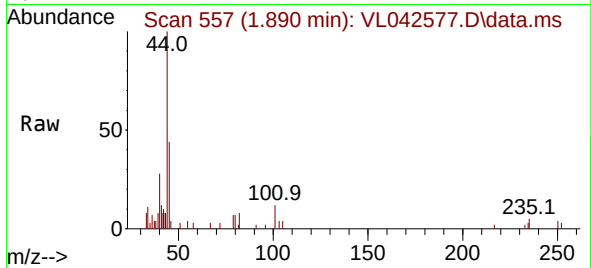




#13
Ethanol
Concen: 0.860 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.168 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

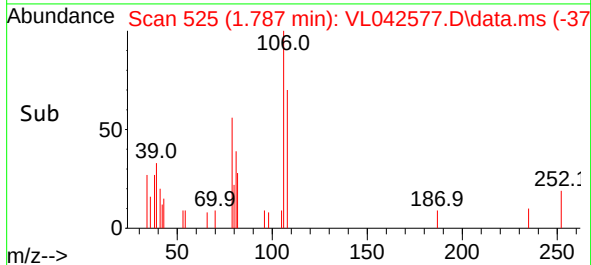
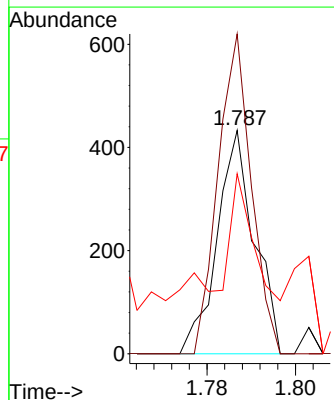
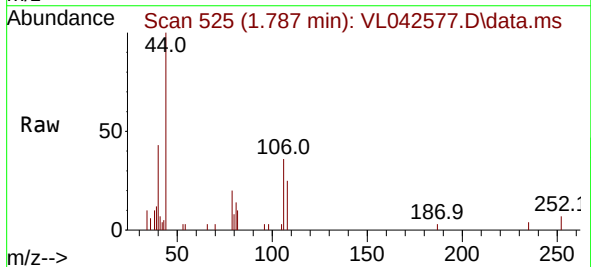
Instrument :
MSVOA_L
ClientSampleId :

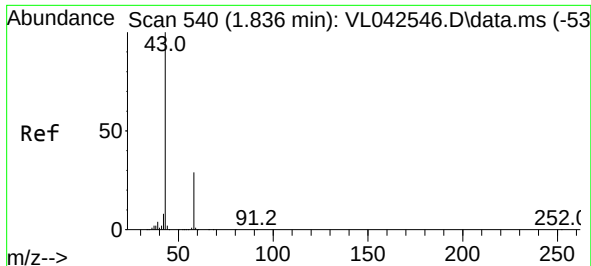
Tgt Ion: 45 Resp: 765
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.037 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion:108 Resp: 253
Ion Ratio Lower Upper
108 100
106 128.1 86.4 129.6
79 356.5 11.9 17.9#

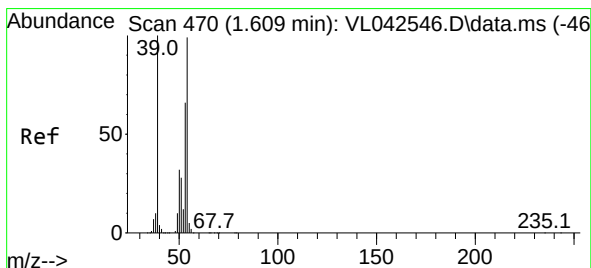
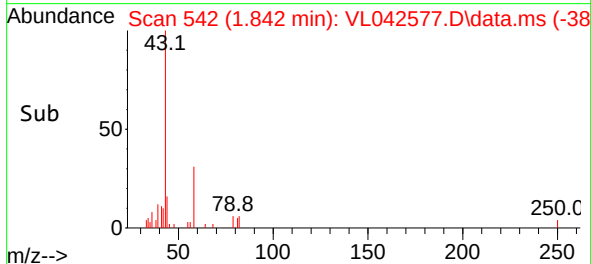
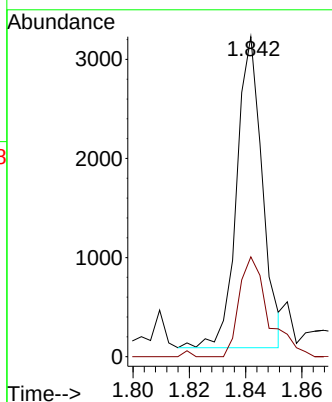
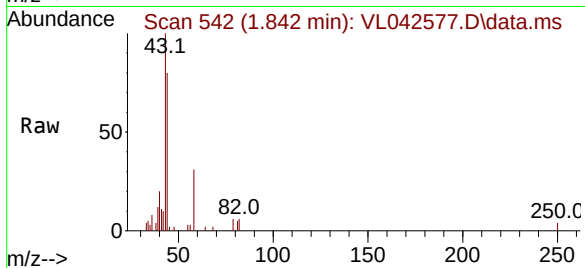




#15
Acetone
Concen: 0.124 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

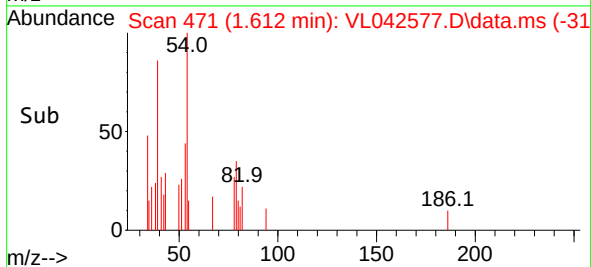
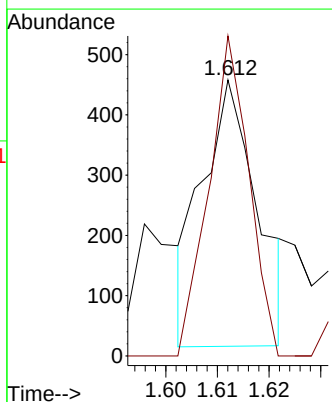
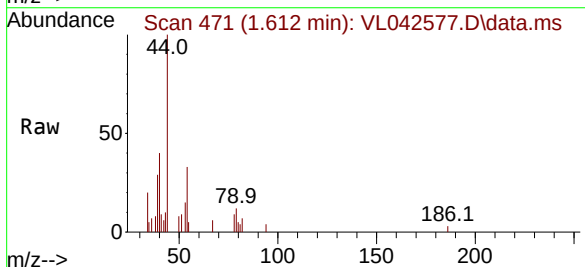
Instrument :
MSVOA_L
ClientSampleId :

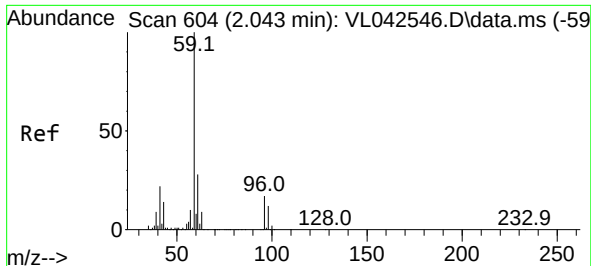
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 37.1 24.2 36.2#



#16
1,3-Butadiene
Concen: 0.050 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 39 Resp: 327
Ion Ratio Lower Upper
39 100
54 94.2 71.8 107.8

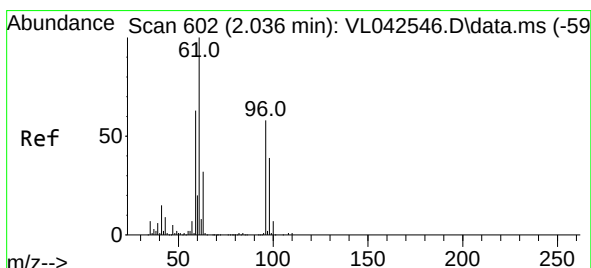
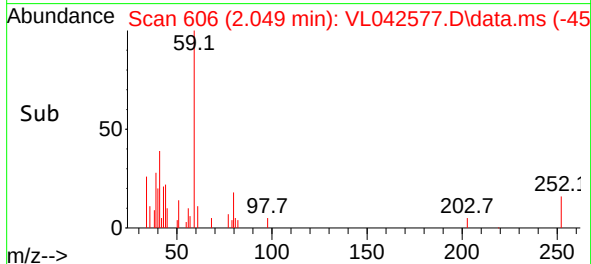
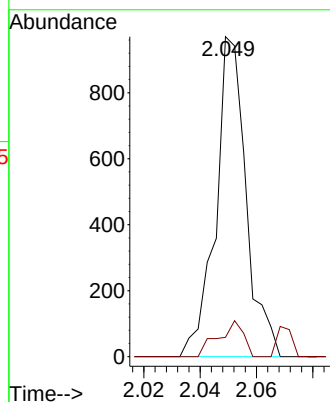
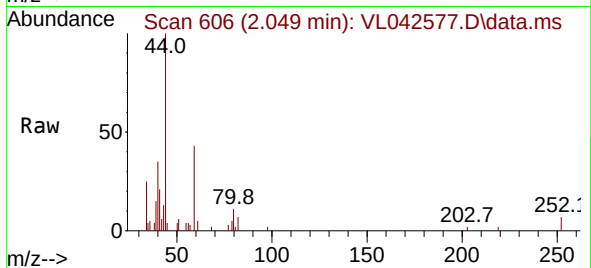




#17
tert-Butyl alcohol
Concen: 0.039 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

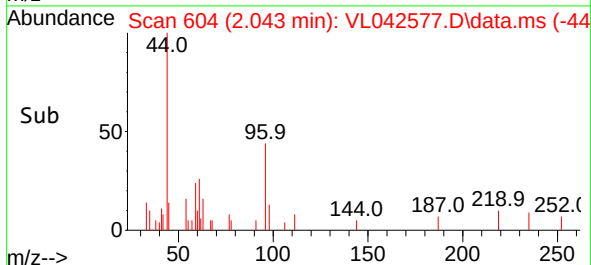
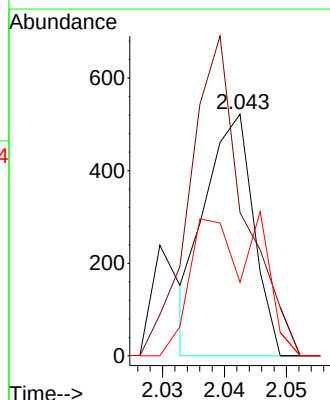
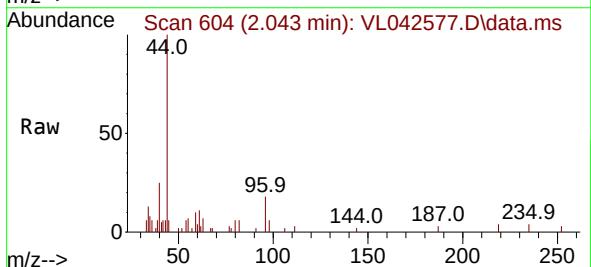
Instrument :
MSVOA_L
ClientSampleId :

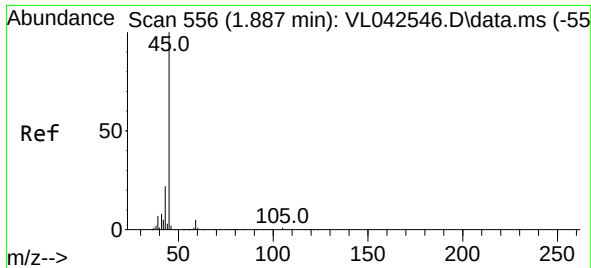
Tgt Ion: 59 Resp: 726
Ion Ratio Lower Upper
59 100
57 14.0 8.2 12.2#



#18
1,1-Dichloroethene
Concen: 0.035 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 96 Resp: 282
Ion Ratio Lower Upper
96 100
61 53.6 137.5 206.3#
98 20.7 53.2 79.8#

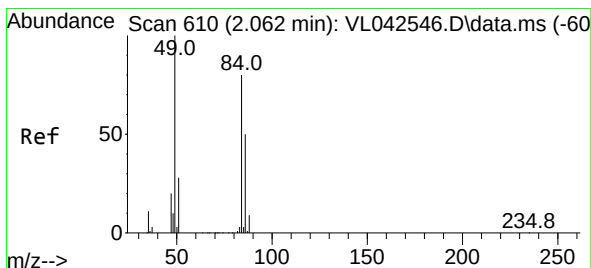
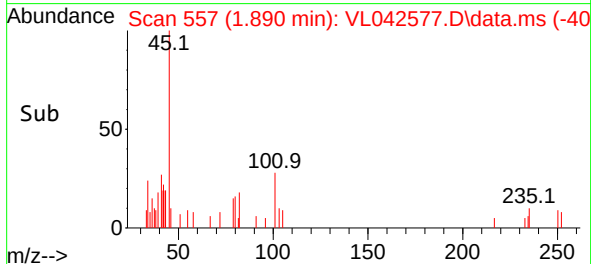
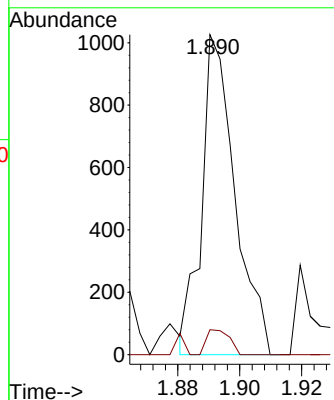
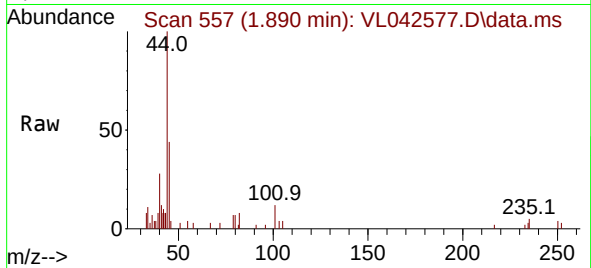




#19
Isopropyl Alcohol
Concen: 0.084 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

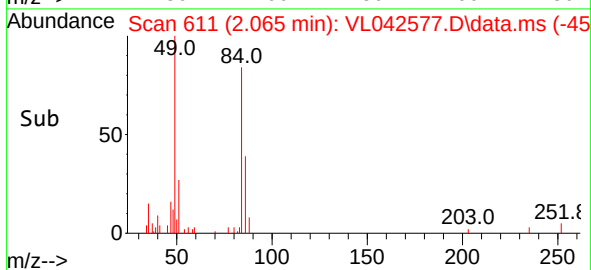
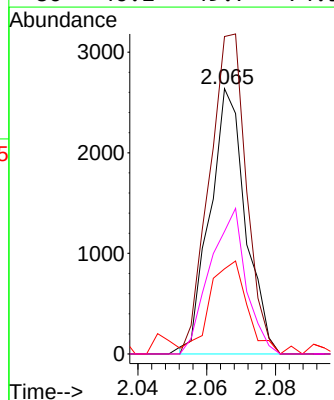
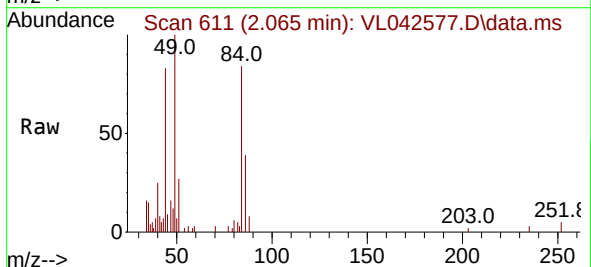
Instrument :
MSVOA_L
ClientSampleId :

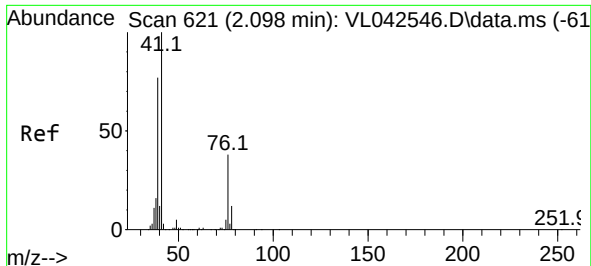
Tgt Ion: 45 Resp: 765
Ion Ratio Lower Upper
45 100
58 5.4 35.3 52.9#



#20
Methylene Chloride
Concen: 0.245 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 84 Resp: 1891
Ion Ratio Lower Upper
84 100
49 119.6 99.7 149.5
51 32.1 29.7 44.5
86 46.2 49.7 74.5#





#21

Allyl Chloride

Concen: 0.053 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042577.D

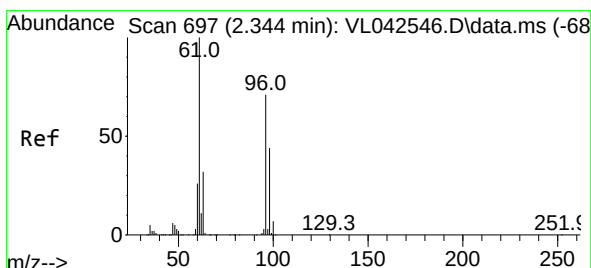
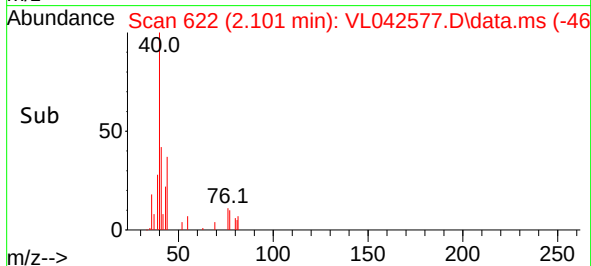
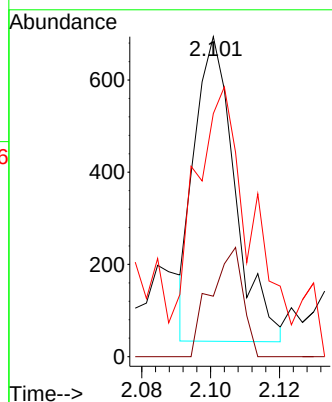
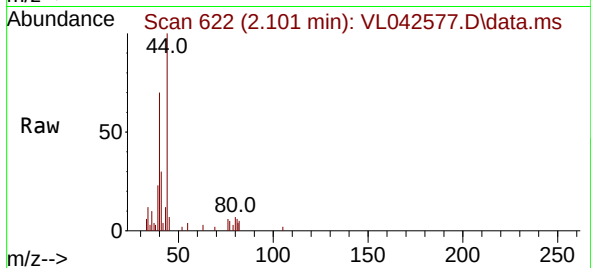
Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 540
Ion Ratio	Lower Upper
41	100
76	28.5 30.2 45.4#
39	153.3 62.5 93.7#



#22

trans-1,2-Dichloroethene

Concen: 0.040 ppbv

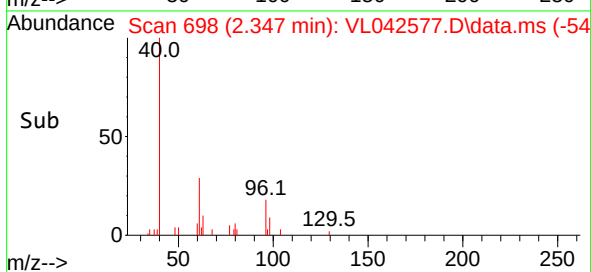
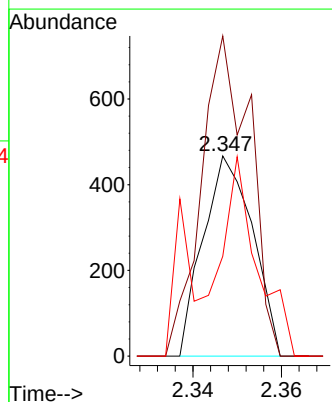
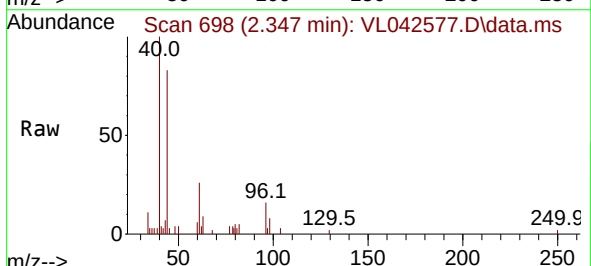
RT: 2.347 min Scan# 698

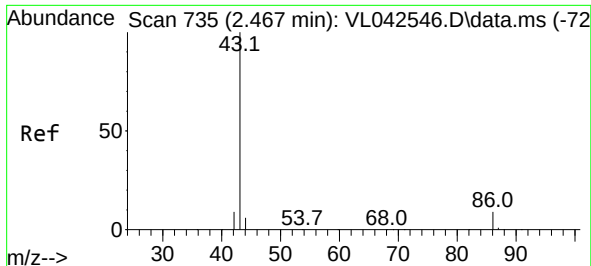
Delta R.T. 0.003 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

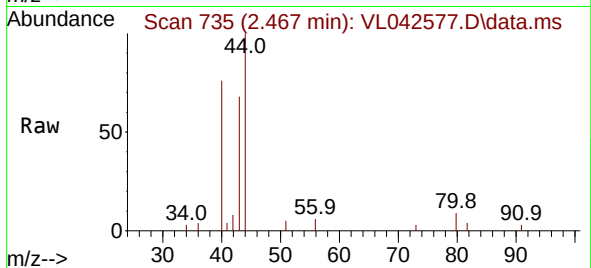
Tgt Ion: 96	Resp: 363
Ion Ratio	Lower Upper
96	100
61	160.0 112.5 168.7
98	16.7 49.0 73.4#



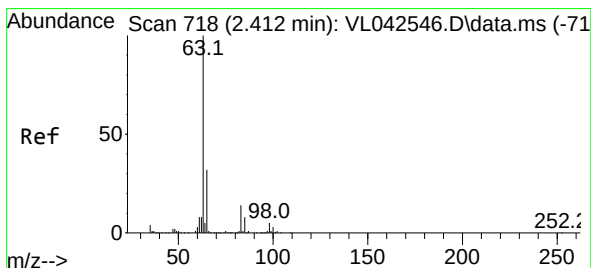
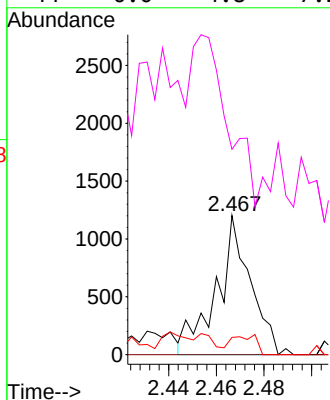
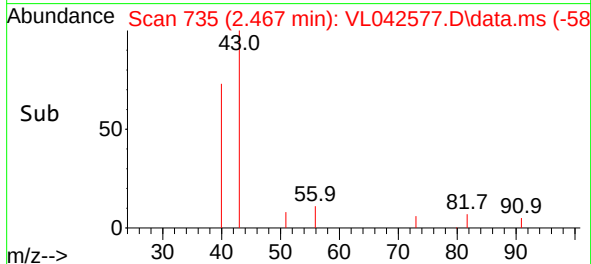


#23
 Vinyl Acetate
 Concen: 0.065 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

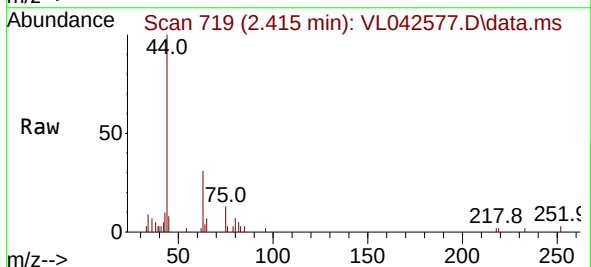
Instrument :
 MSVOA_L
 ClientSampleId :



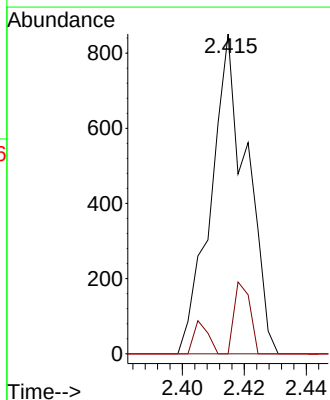
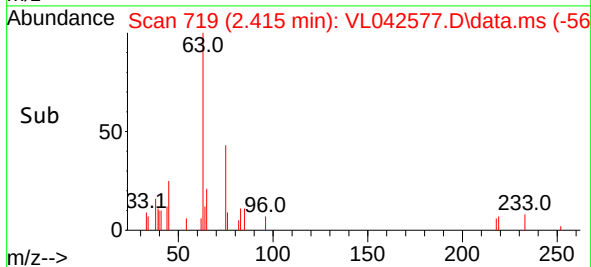
Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.6#
42	12.4	7.4	11.2#
44	0.0	4.8	7.2#

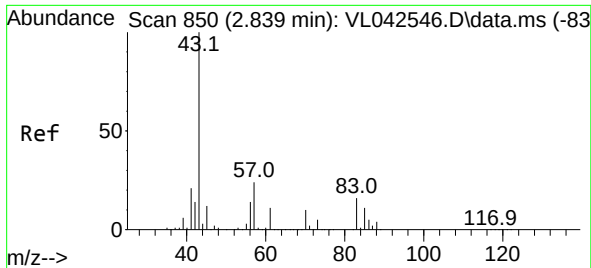


#24
 1,1-Dichloroethane
 Concen: 0.044 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40



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

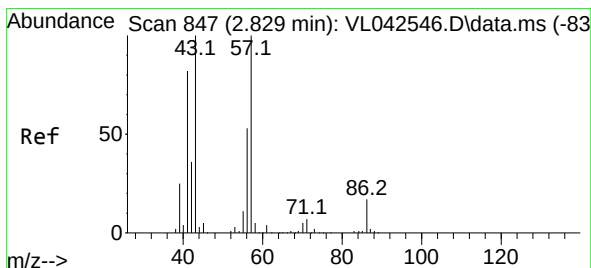
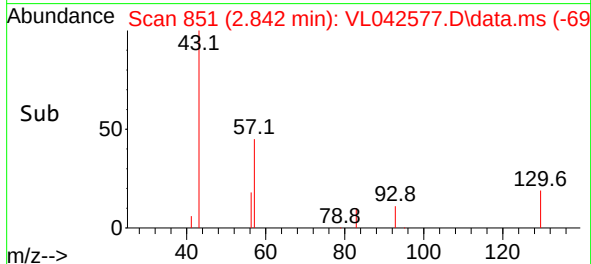
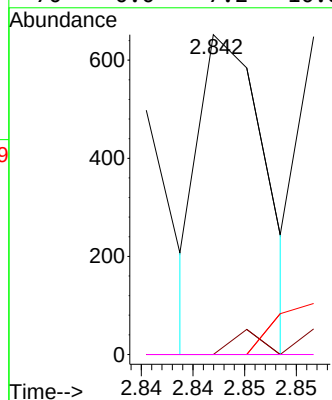
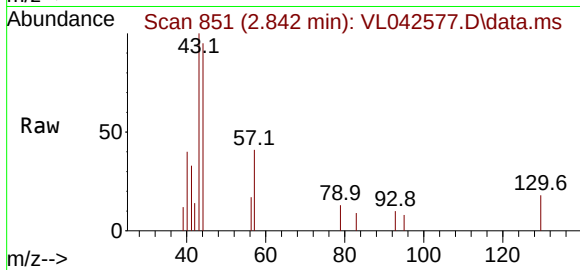




#25
Ethyl Acetate
Concen: 0.009 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

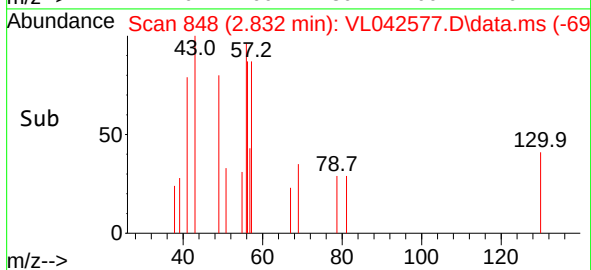
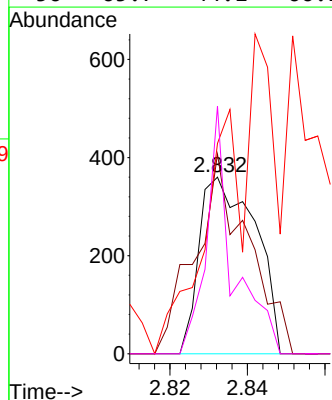
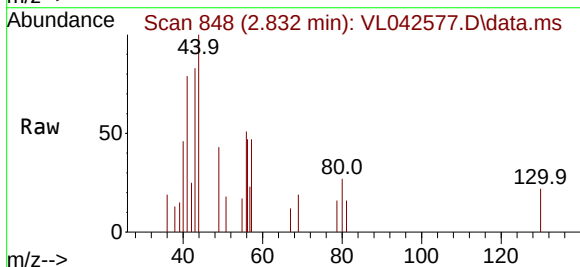
Instrument :
MSVOA_L
ClientSampleId :

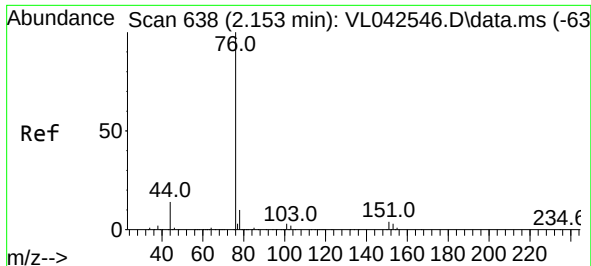
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
45 0.0 8.0 12.0#
61 0.0 7.5 11.3#
70 0.0 7.2 10.8#



#26
Hexane
Concen: 0.026 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 57 Resp: 362
Ion Ratio Lower Upper
57 100
41 106.4 69.0 103.4#
43 297.8 174.2 261.2#
56 65.7 44.1 66.1





#27

Carbon Disulfide

Concen: 0.001 ppbv

RT: 2.140 min Scan# 61

Delta R.T. -0.013 min

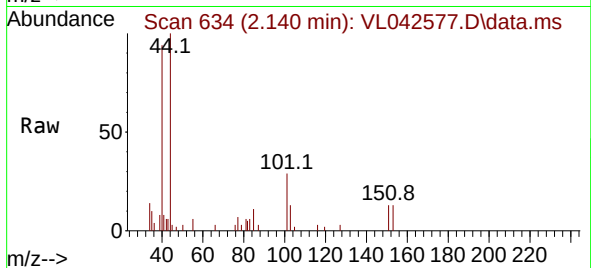
Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :



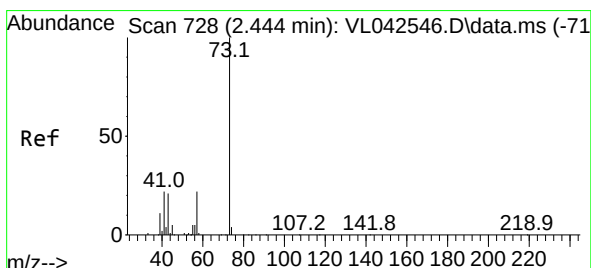
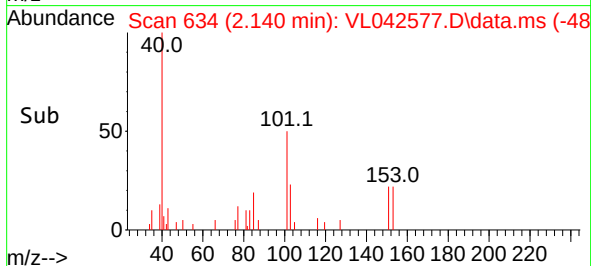
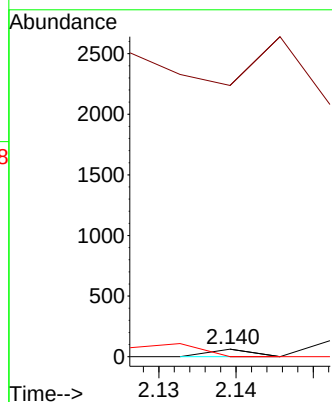
Tgt Ion: 76 Resp: 12

Ion Ratio Lower Upper

76 100

44 0.0 14.0 21.0#

78 0.0 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.040 ppbv

RT: 2.454 min Scan# 731

Delta R.T. 0.009 min

Lab File: VL042577.D

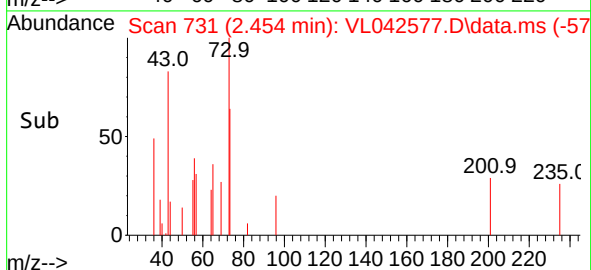
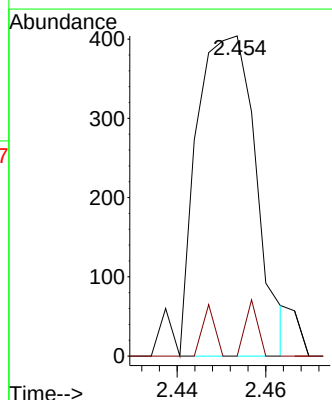
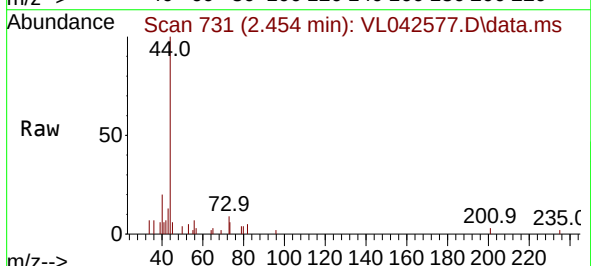
Acq: 22 May 2025 12:40

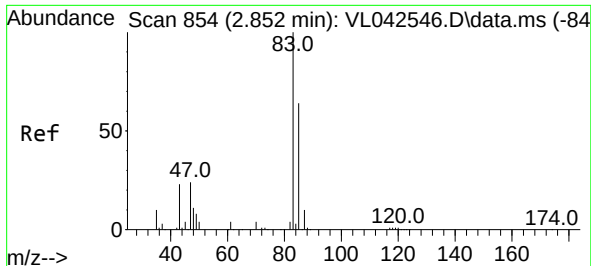
Tgt Ion: 73 Resp: 373

Ion Ratio Lower Upper

73 100

57 0.0 17.2 25.8#





#29

Chloroform

Concen: 0.026 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

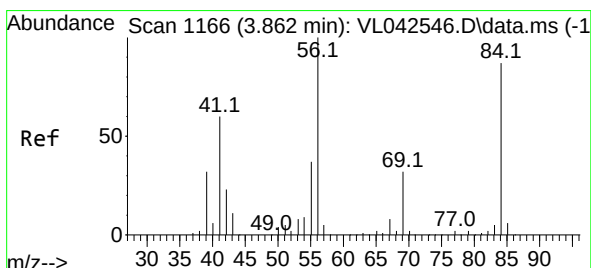
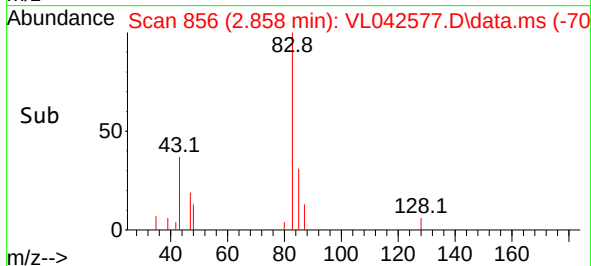
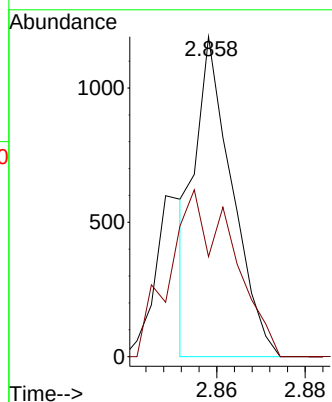
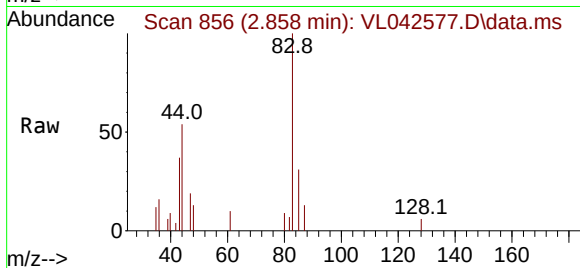
ClientSampleId :

Tgt Ion: 83 Resp: 687

Ion Ratio Lower Upper

83 100

85 31.2 51.6 77.4#



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

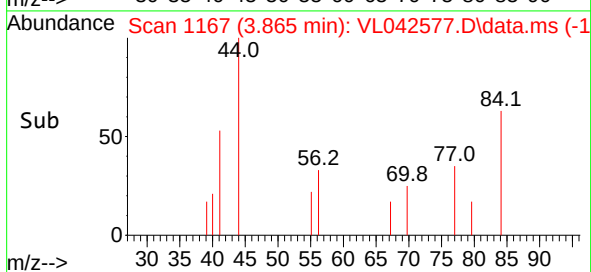
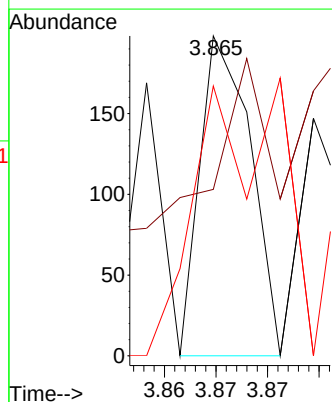
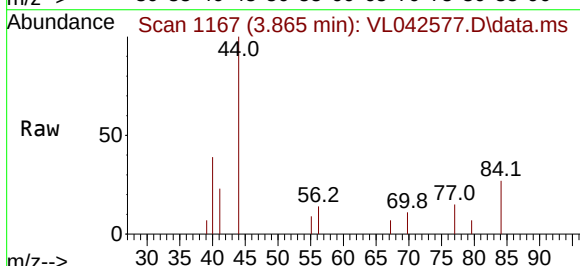
Tgt Ion: 84 Resp: 68

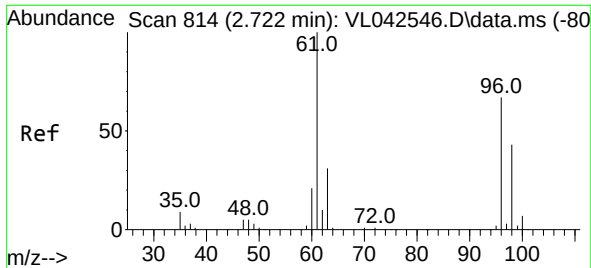
Ion Ratio Lower Upper

84 100

56 0.0 92.3 138.5#

41 245.6 57.0 85.4#

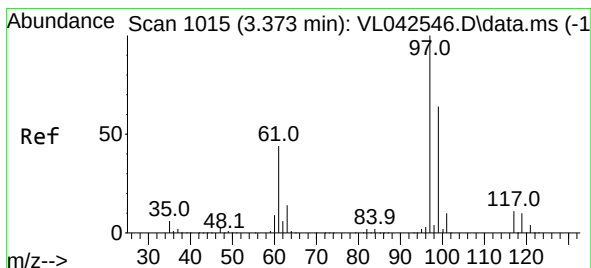
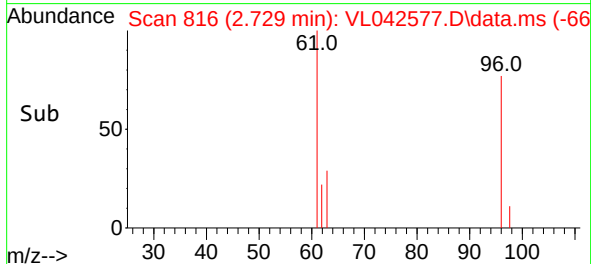
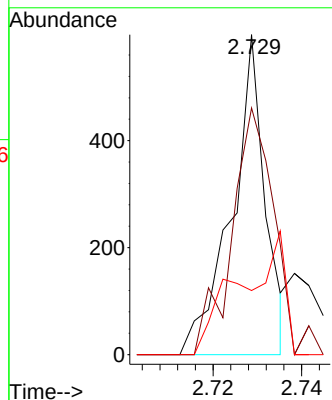
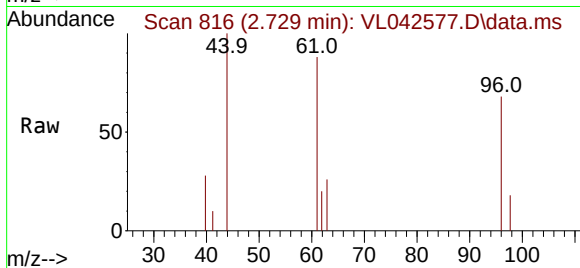




#31
 cis-1,2-Dichloroethene
 Concen: 0.020 ppbv
 RT: 2.729 min Scan# 814
 Delta R.T. 0.006 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

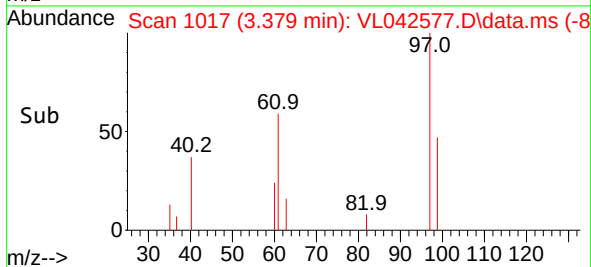
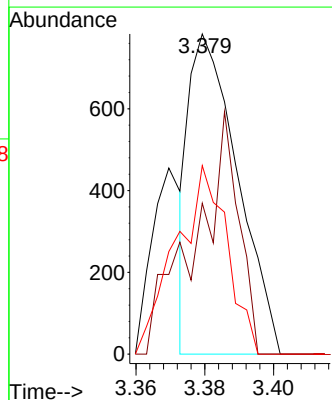
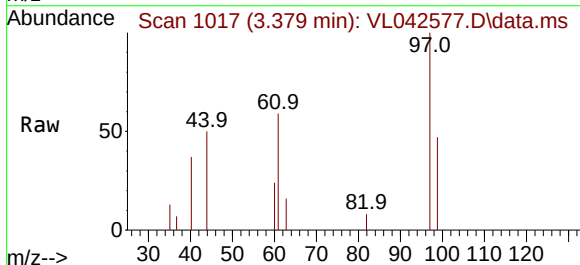
Instrument :
 MSVOA_L
 ClientSampleId :

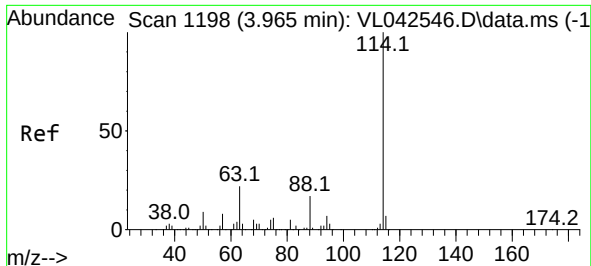
Tgt Ion: 61 Resp: 314
 Ion Ratio Lower Upper
 61 100
 96 77.1 53.8 80.8
 98 20.1 34.5 51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.028 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Tgt Ion: 97 Resp: 766
 Ion Ratio Lower Upper
 97 100
 99 68.1 51.5 77.3
 61 61.9 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1198

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

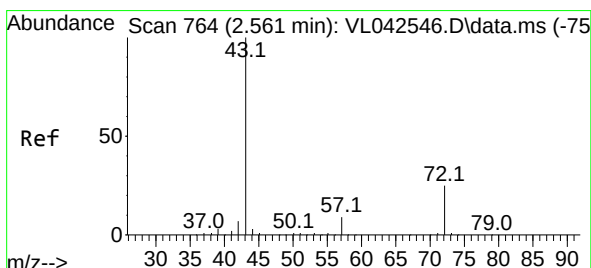
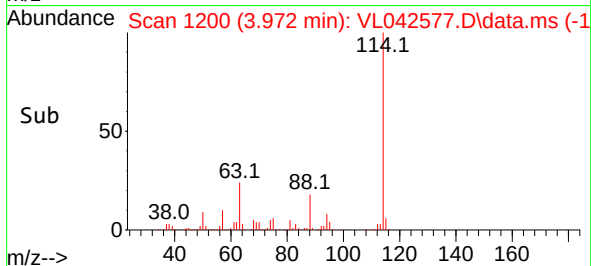
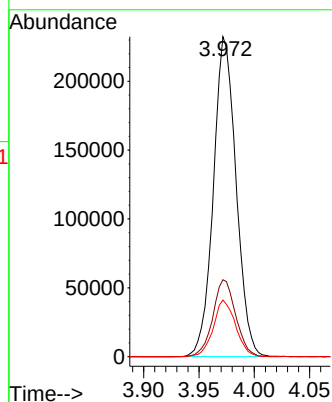
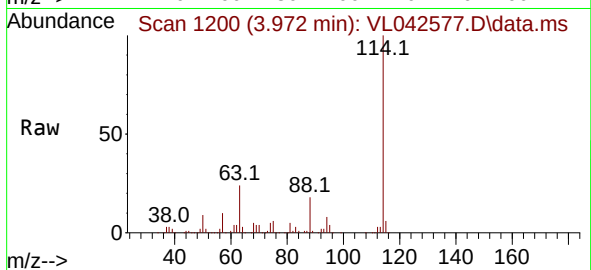
Tgt Ion:114 Resp: 331450

Ion Ratio Lower Upper

114 100

63 24.4 18.4 27.6

88 17.4 14.0 21.0



#34

2-Butanone

Concen: 0.033 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.009 min

Lab File: VL042577.D

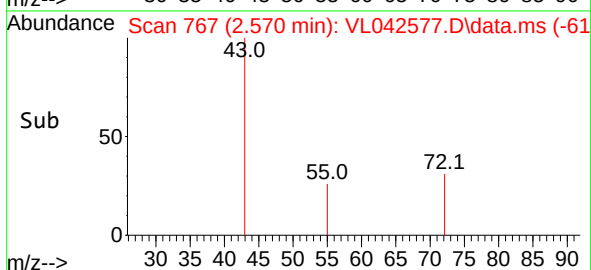
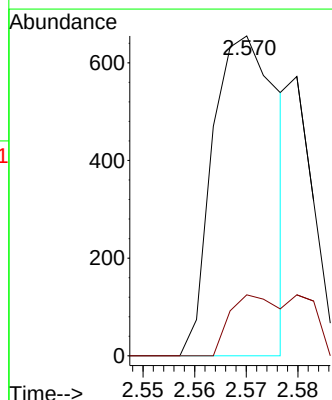
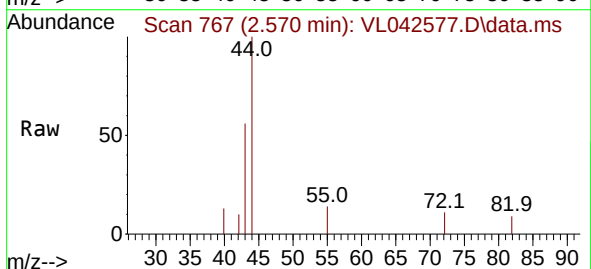
Acq: 22 May 2025 12:40

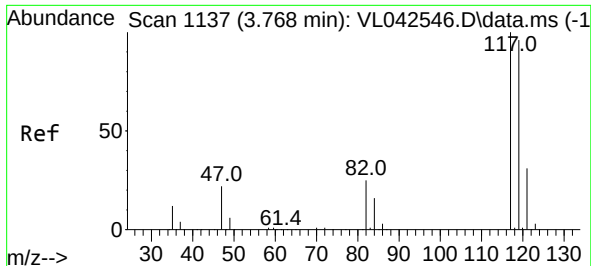
Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

72 22.6 20.5 30.7

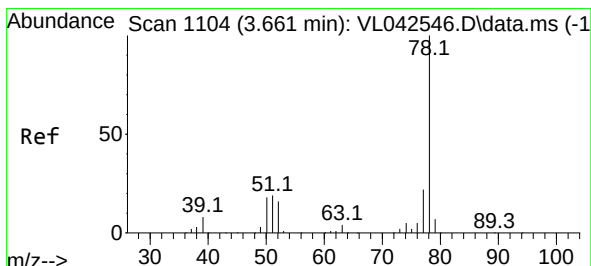
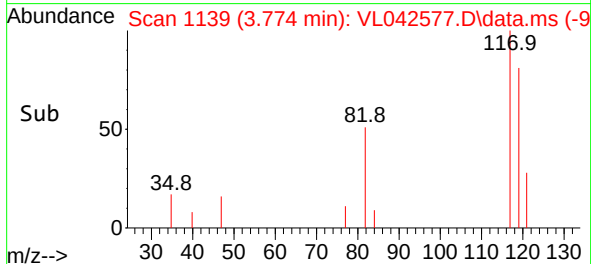
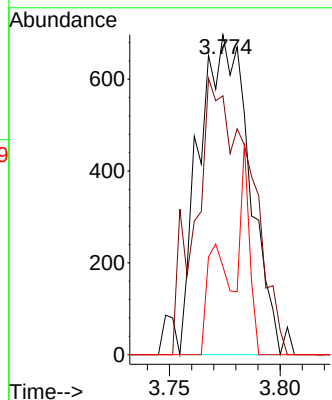
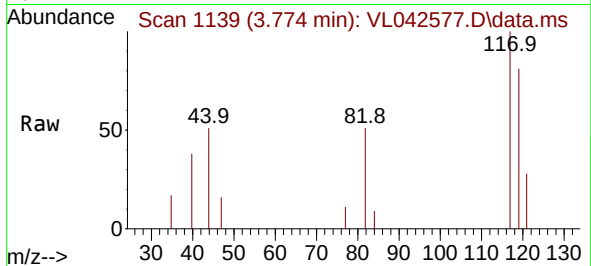




#35
Carbon Tetrachloride
Concen: 0.043 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

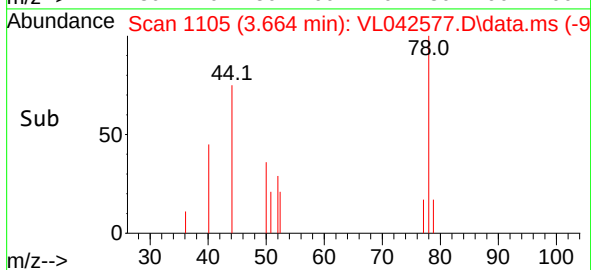
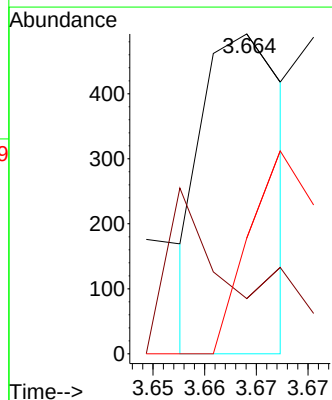
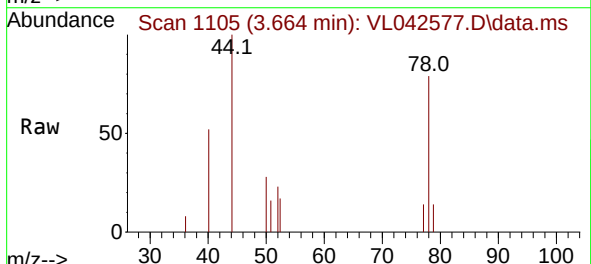
Instrument :
MSVOA_L
ClientSampleId :

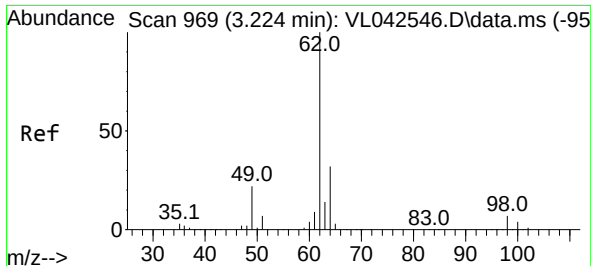
Tgt Ion:117 Resp: 1099
Ion Ratio Lower Upper
117 100
119 73.3 76.6 114.8#
121 27.5 24.7 37.1



#36
Benzene
Concen: 0.010 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 78 Resp: 266
Ion Ratio Lower Upper
78 100
77 0.0 17.8 26.6#
50 68.4 14.0 21.0#

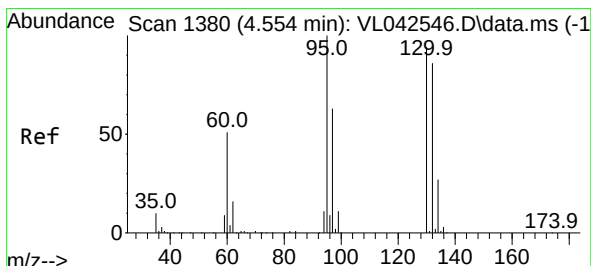
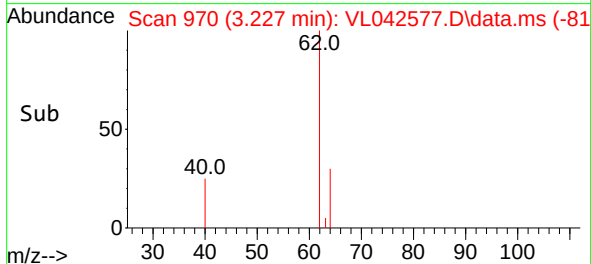
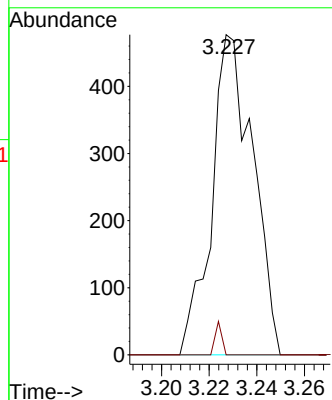
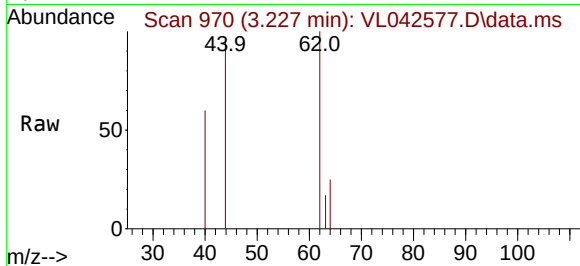




#37
1,2-Dichloroethane
Concen: 0.035 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

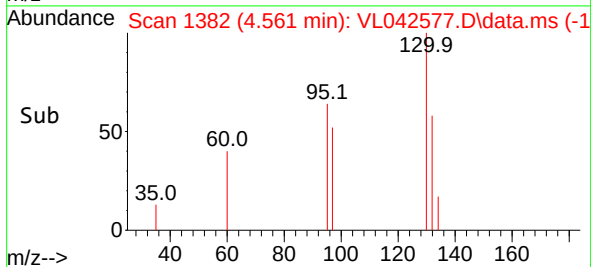
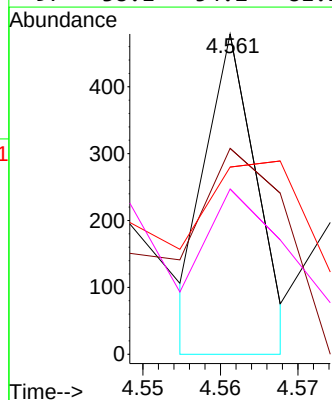
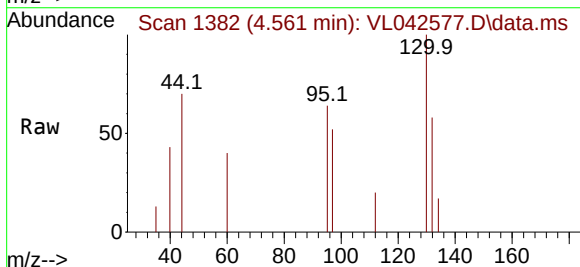
Instrument :
MSVOA_L
ClientSampleId :

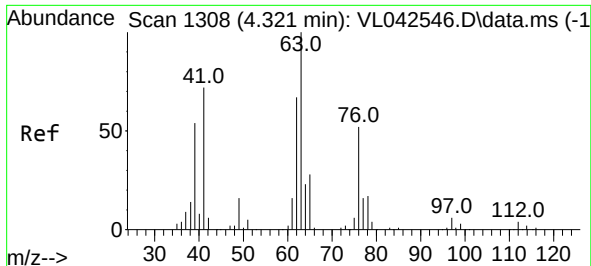
Tgt Ion: 62 Resp: 573
Ion Ratio Lower Upper
62 100
98 1.7 5.5 8.3#



#38
Trichloroethene
Concen: 0.009 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion:130 Resp: 107
Ion Ratio Lower Upper
130 100
95 41.3 85.2 127.8#
132 30.4 73.4 110.2#
97 38.1 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.551 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.350 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

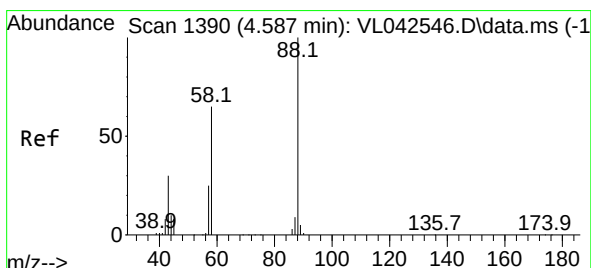
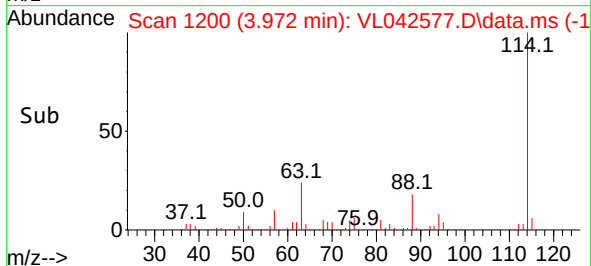
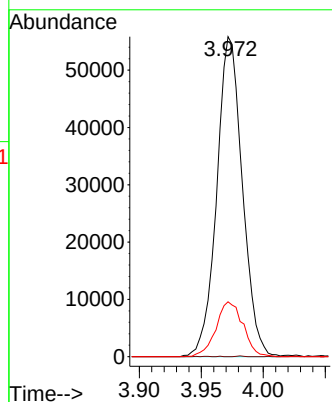
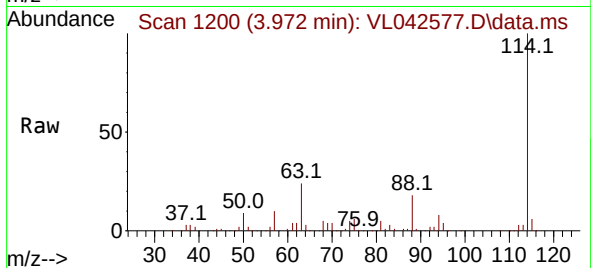
Tgt Ion: 63 Resp: 80503

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 17.1 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.013 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.058 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Tgt Ion: 88 Resp: 55

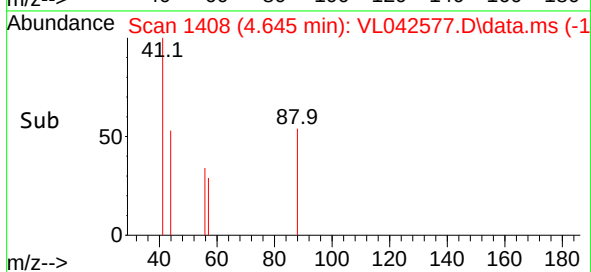
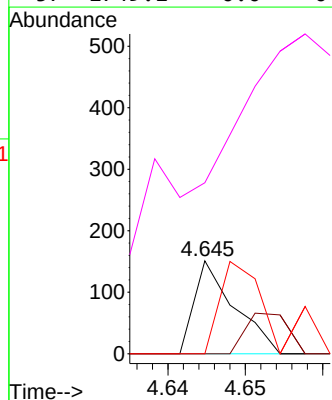
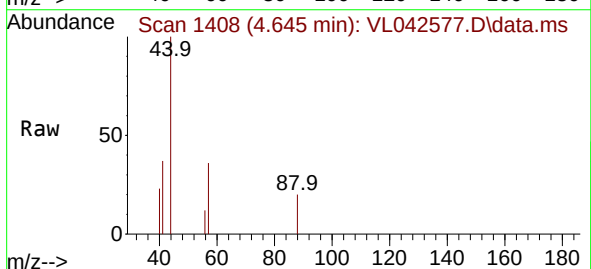
Ion Ratio Lower Upper

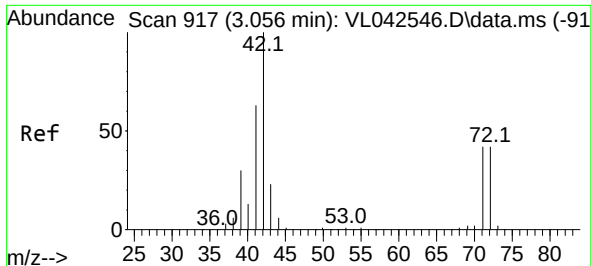
88 100

58 81.8 52.8 79.2#

43 249.1 23.0 34.4#

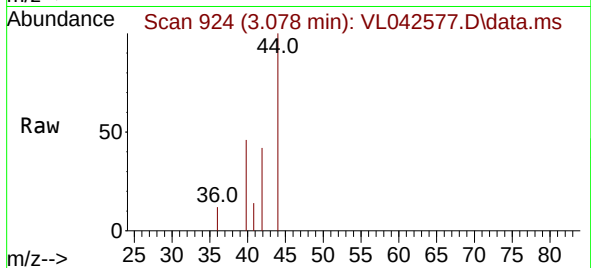
57 1749.1 0.0 0.0#



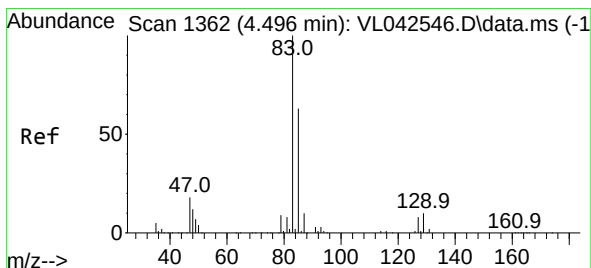
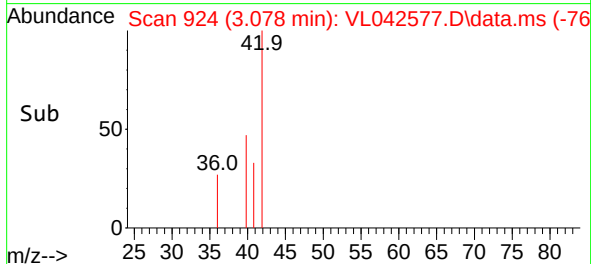
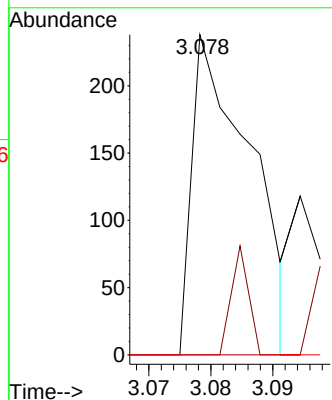


#41
Tetrahydrofuran
Concen: 0.018 ppbv
RT: 3.078 min Scan# 917
Delta R.T. 0.022 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Instrument :
MSVOA_L
ClientSampleId :

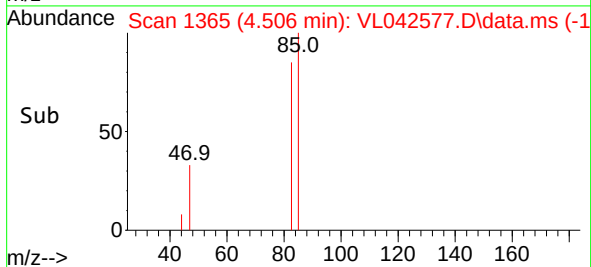
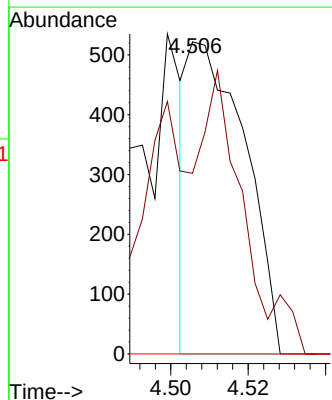
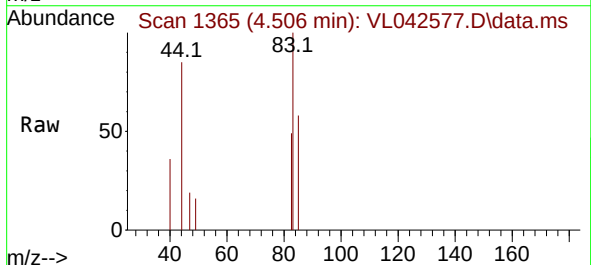


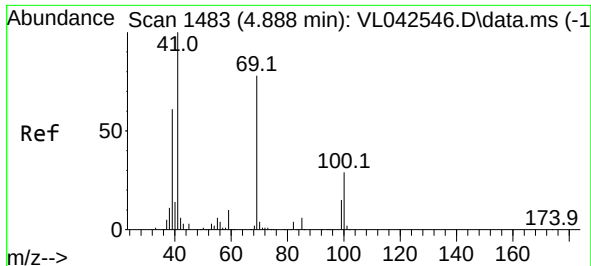
Tgt Ion: 42 Resp: 156
Ion Ratio Lower Upper
42 100
72 18.6 34.8 52.2#
71 0.0 33.6 50.4#



#42
Bromodichloromethane
Concen: 0.023 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 83 Resp: 532
Ion Ratio Lower Upper
83 100
85 38.9 50.4 75.6#
127 0.0 6.5 9.7#

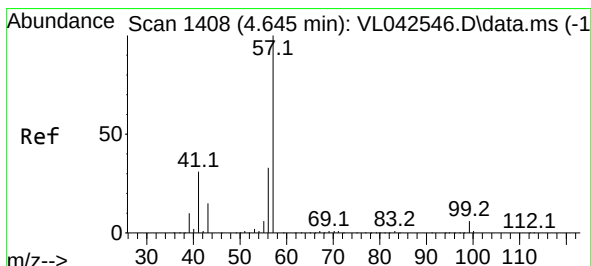
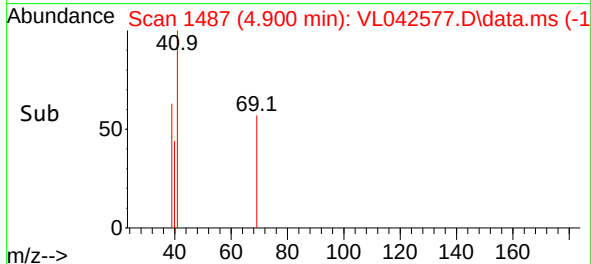
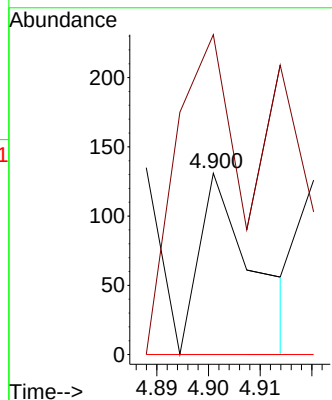
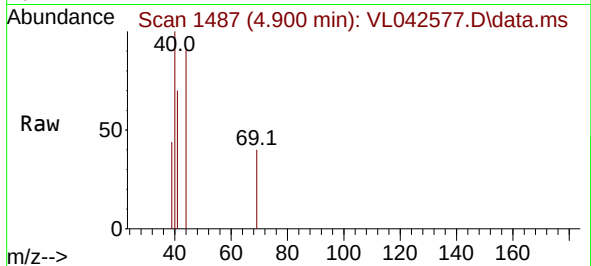




#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 4.900 min Scan# 1412
Delta R.T. 0.013 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

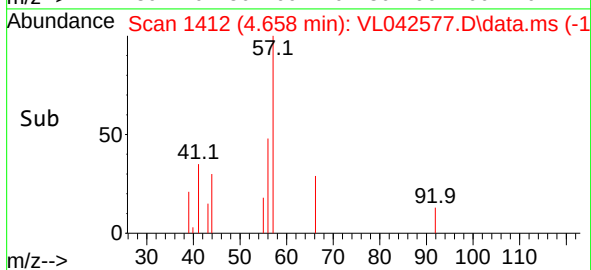
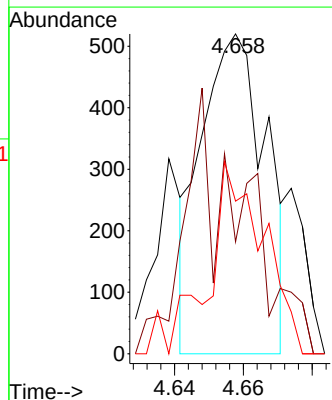
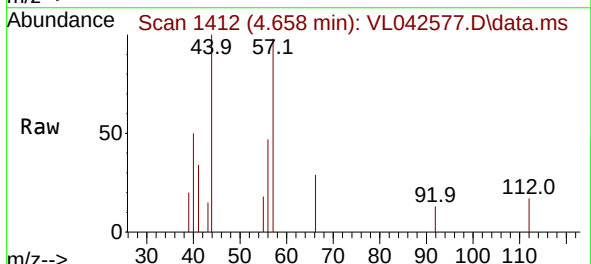
Instrument :
MSVOA_L
ClientSampleId :

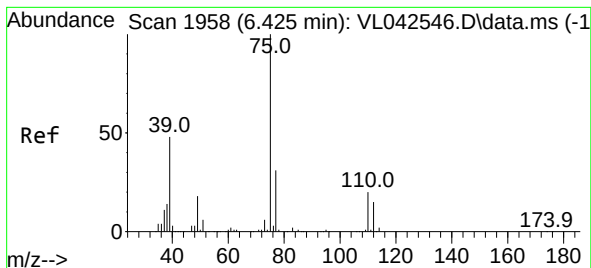
Tgt Ion: 69 Resp: 48
Ion Ratio Lower Upper
69 100
41 497.9 107.8 161.8#
100 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.017 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.013 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 57 Resp: 679
Ion Ratio Lower Upper
57 100
41 74.5 25.0 37.4#
56 51.8 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.012 ppbv

RT: 6.438 min Scan# 1958

Delta R.T. 0.013 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

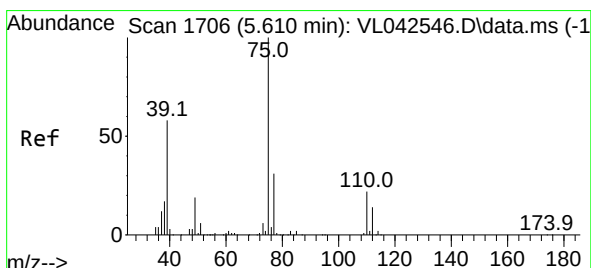
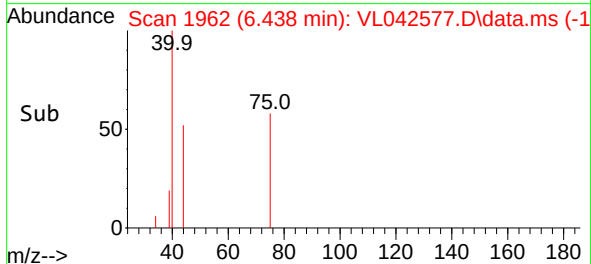
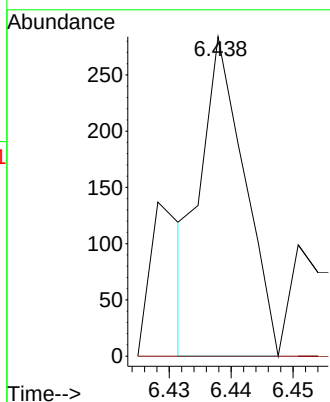
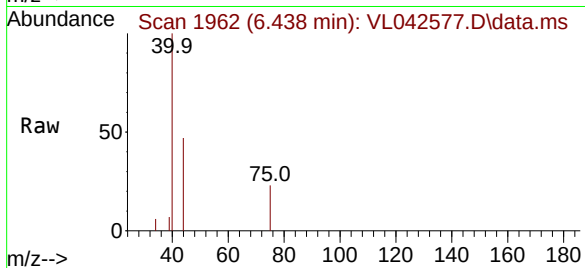
ClientSampleId :

Tgt Ion: 75 Resp: 138

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.011 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

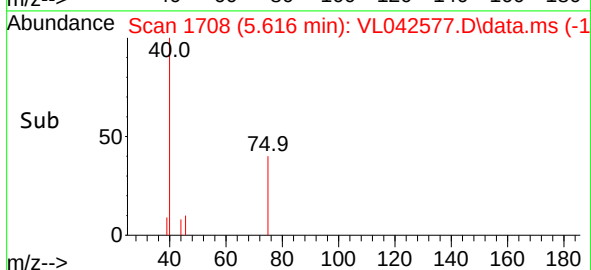
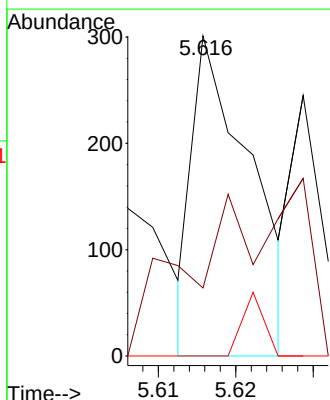
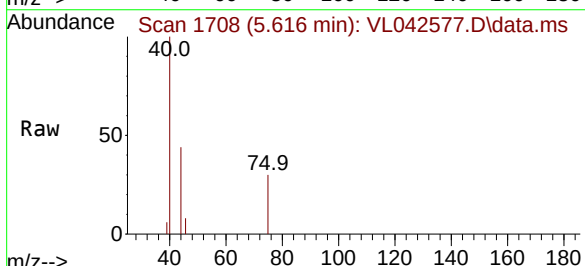
Tgt Ion: 75 Resp: 157

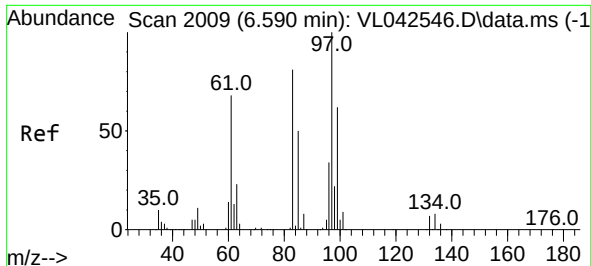
Ion Ratio Lower Upper

75 100

39 0.0 46.3 69.5#

77 0.0 25.0 37.6#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 6.600 min Scan# 2009

Delta R.T. 0.009 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 111

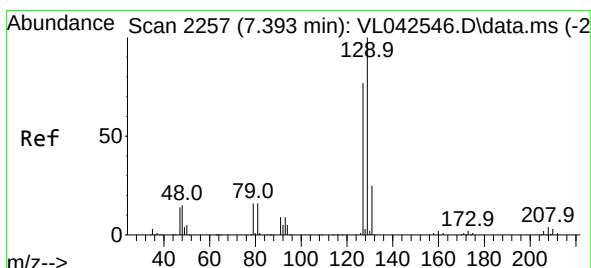
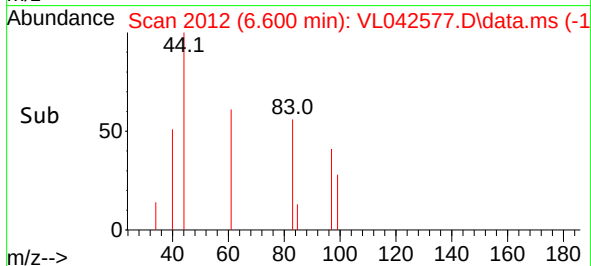
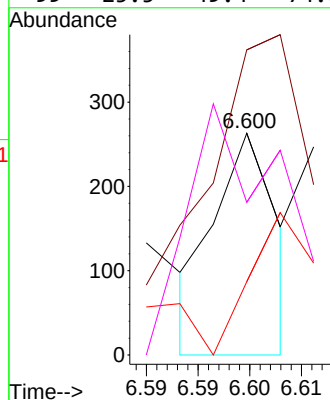
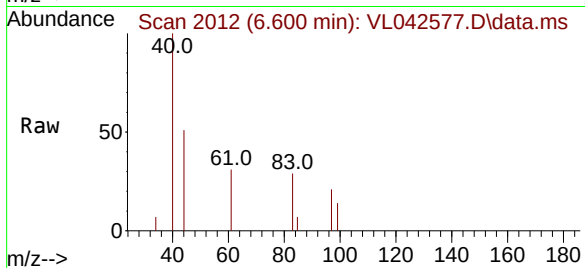
Ion Ratio Lower Upper

97 100

83 126.1 65.0 97.4#

85 15.8 39.9 59.9#

99 25.5 49.4 74.0#



#48

Dibromochloromethane

Concen: 0.037 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. 0.013 min

Lab File: VL042577.D

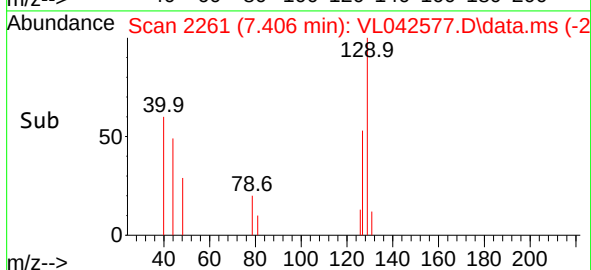
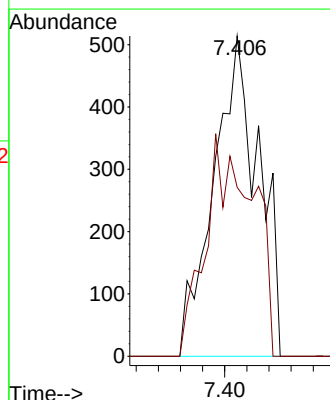
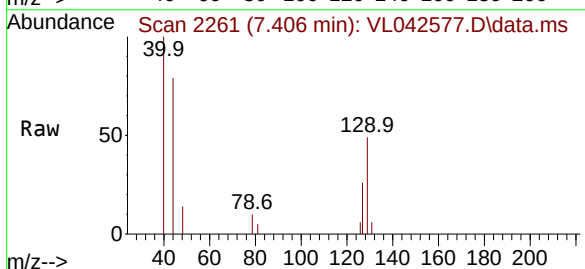
Acq: 22 May 2025 12:40

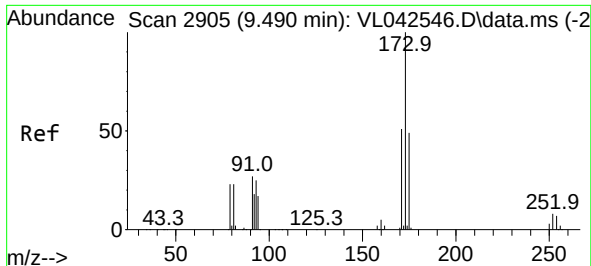
Tgt Ion: 129 Resp: 727

Ion Ratio Lower Upper

129 100

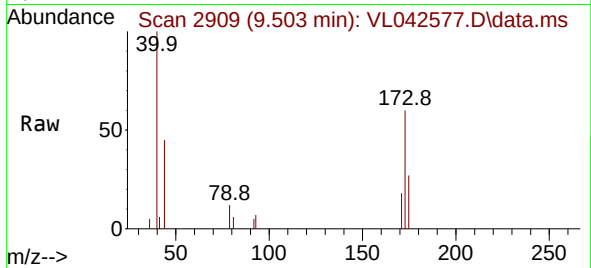
127 73.2 39.0 117.0



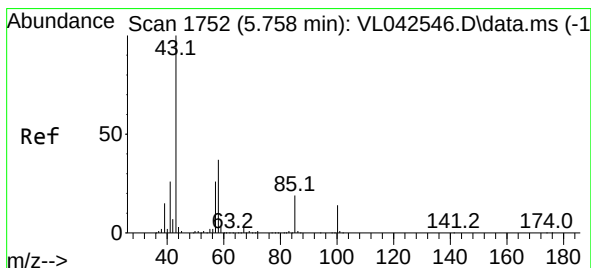
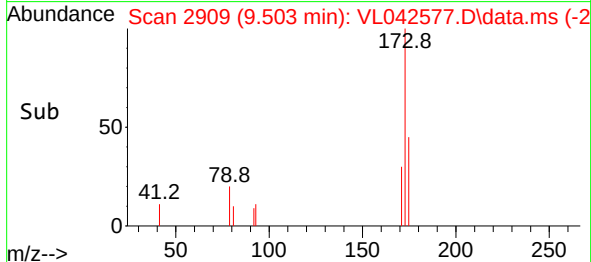
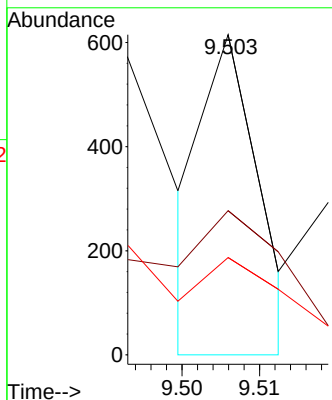


#49
Bromoform
Concen: 0.009 ppbv
RT: 9.503 min Scan# 2905
Delta R.T. 0.013 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Instrument :
MSVOA_L
ClientSampleId :

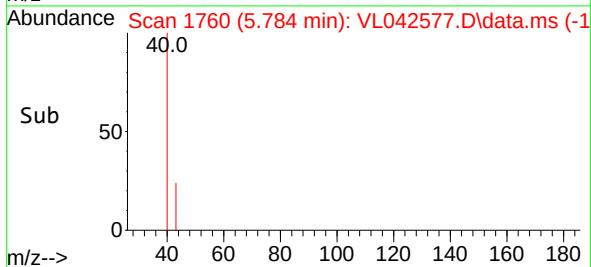
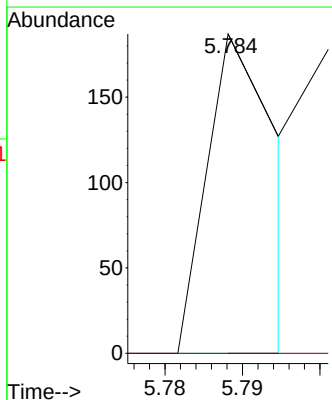
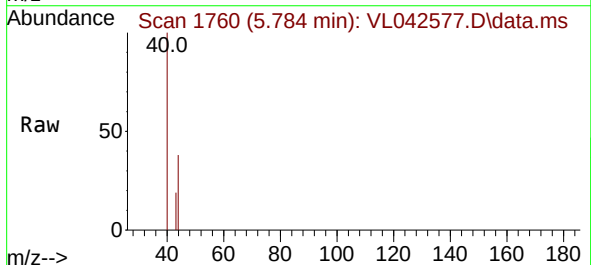


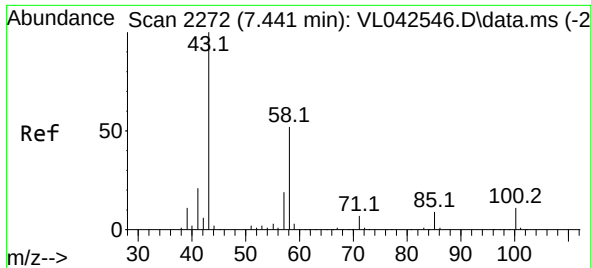
Tgt Ion:173 Resp: 150
Ion Ratio Lower Upper
173 100
175 156.0 39.2 58.8#
171 0.0 41.9 62.9#



#50
4-Methyl-2-Pentanone
Concen: 0.003 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.026 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

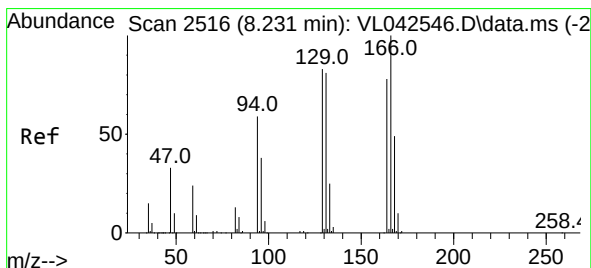
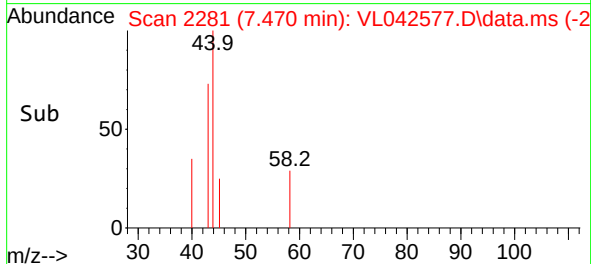
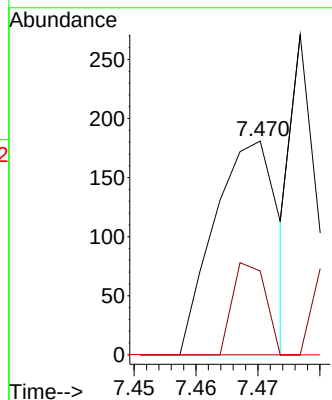
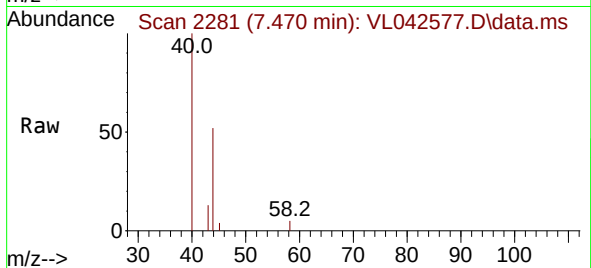




#51
2-Hexanone
Concen: 0.008 ppbv
RT: 7.470 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

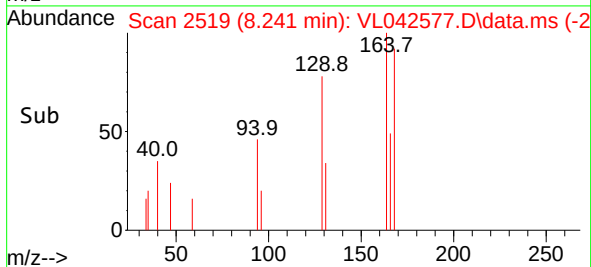
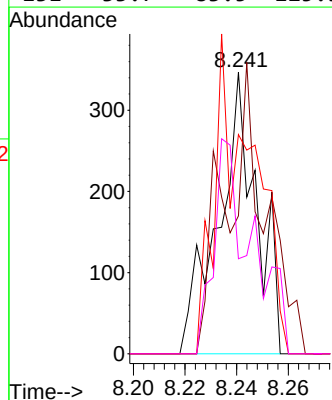
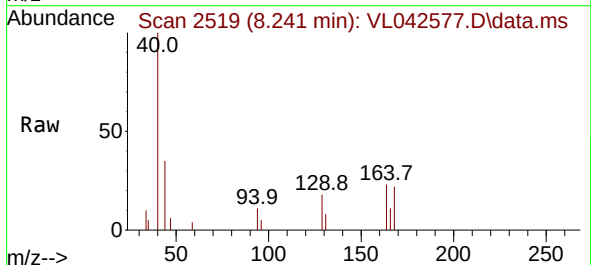
Instrument :
MSVOA_L
ClientSampleId :

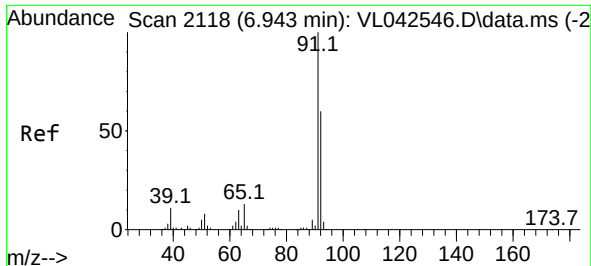
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 40.8 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.034 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 164 Resp: 355
Ion Ratio Lower Upper
164 100
166 49.0 103.1 154.7#
129 77.8 85.3 127.9#
131 33.7 83.5 125.3#

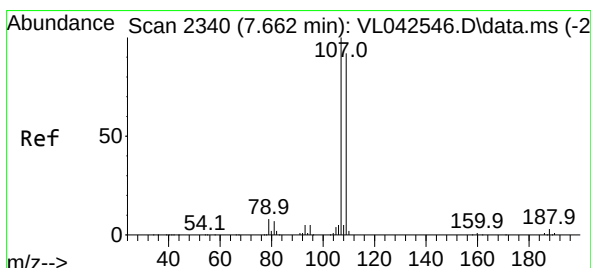
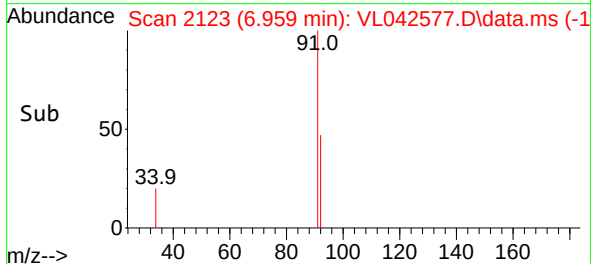
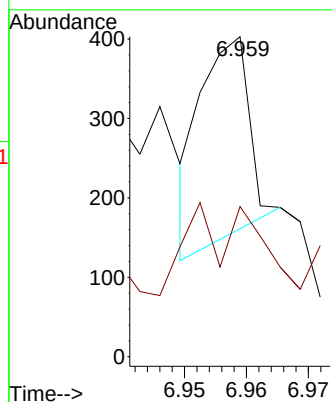
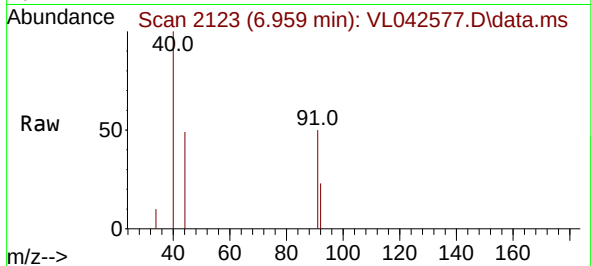




#53
Toluene
Concen: 0.005 ppbv
RT: 6.959 min Scan# 2118
Delta R.T. 0.016 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

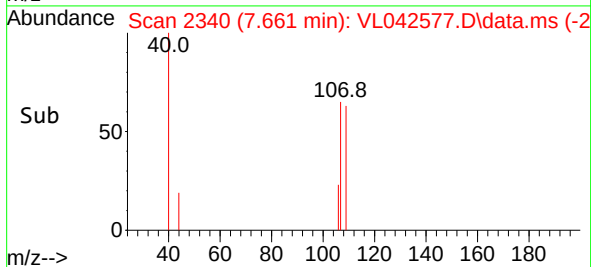
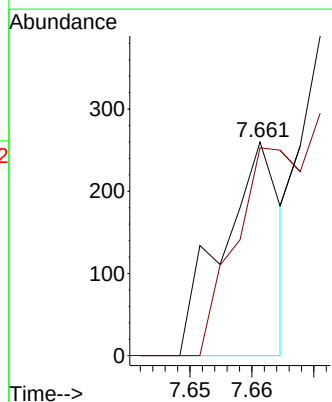
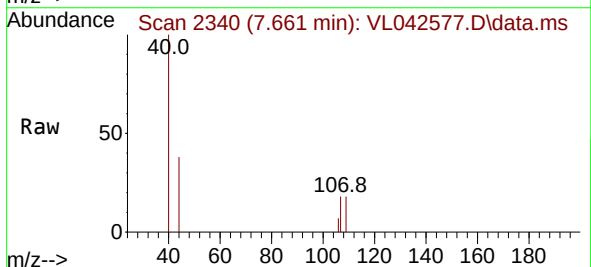
Instrument :
MSVOA_L
ClientSampleId :

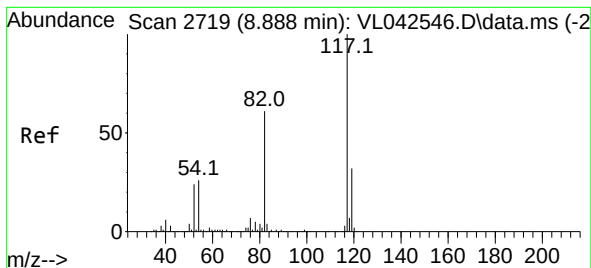
Tgt Ion: 91 Resp: 141
Ion Ratio Lower Upper
91 100
92 235.5 47.8 71.8#



#54
1,2-Dibromoethane
Concen: 0.010 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.000 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 107 Resp: 168
Ion Ratio Lower Upper
107 100
109 97.3 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_1

ClientSampleId :

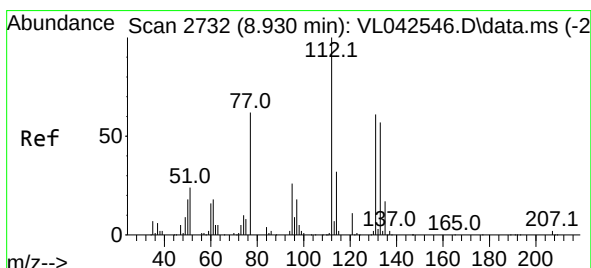
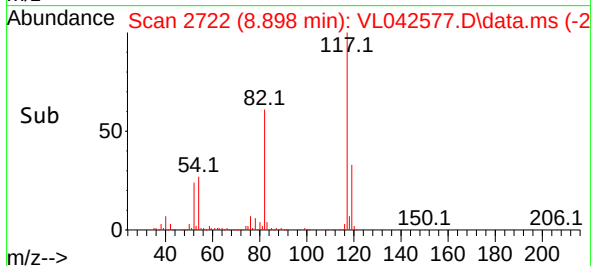
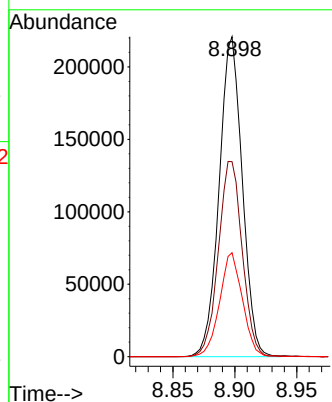
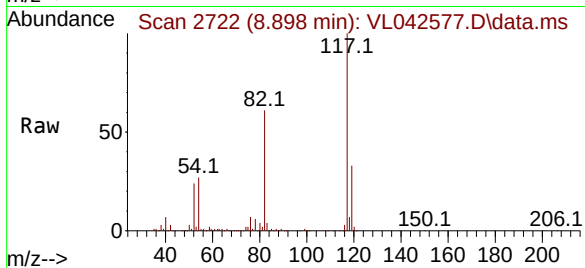
Tgt Ion:117 Resp: 287684

Ion Ratio Lower Upper

117 100

82 62.9 51.0 76.4

119 32.2 27.0 40.4



#56

1,1,1,2-Tetrachloroethane

Concen: 0.046 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

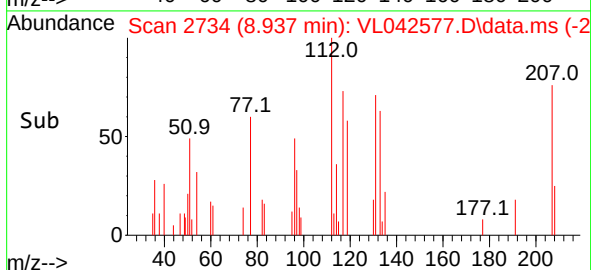
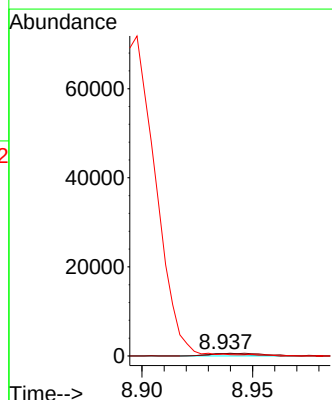
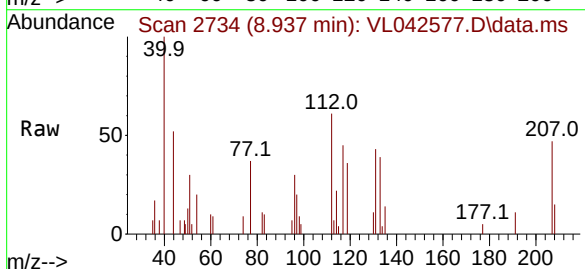
Tgt Ion:131 Resp: 707

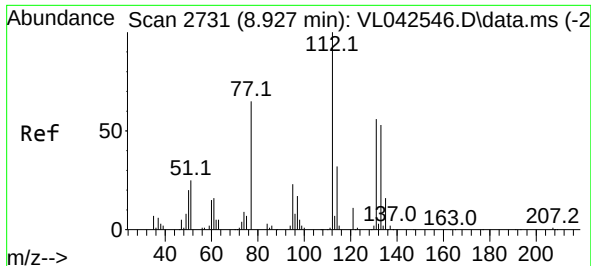
Ion Ratio Lower Upper

131 100

133 146.7 76.3 114.5#

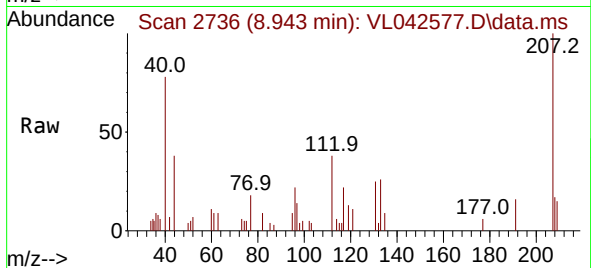
119 13109.5 47.5 71.3#



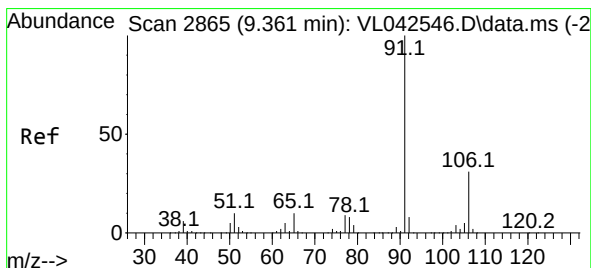
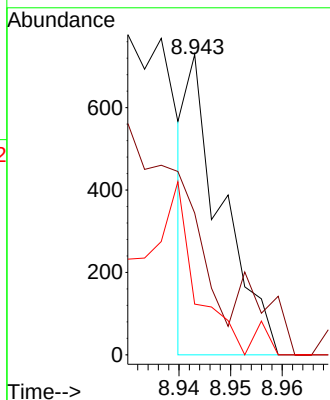
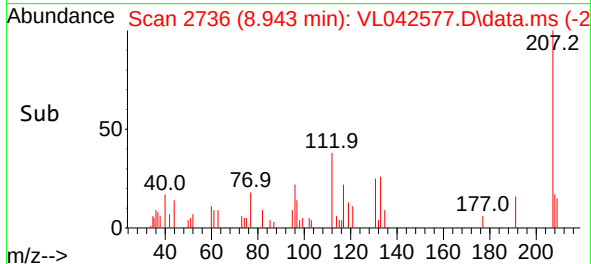


#57
Chlorobenzene
Concen: 0.013 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

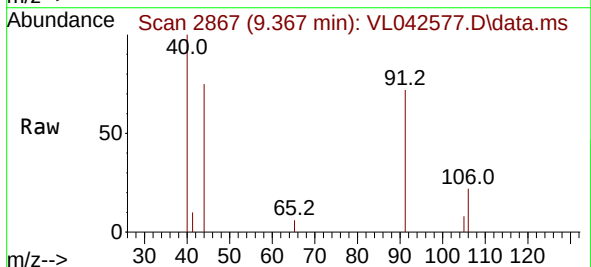
Instrument :
MSVOA_L
ClientSampleId :



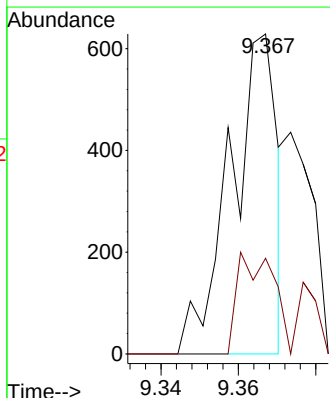
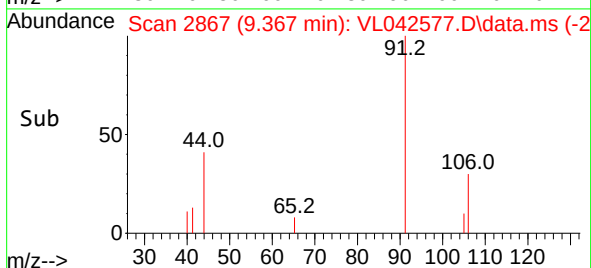
Tgt Ion:112 Resp: 339
Ion Ratio Lower Upper
112 100
77 27.7 53.2 79.8#
114 16.9 28.4 34.8#

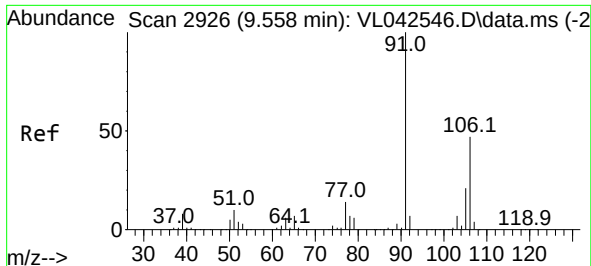


#58
Ethyl Benzene
Concen: 0.014 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40



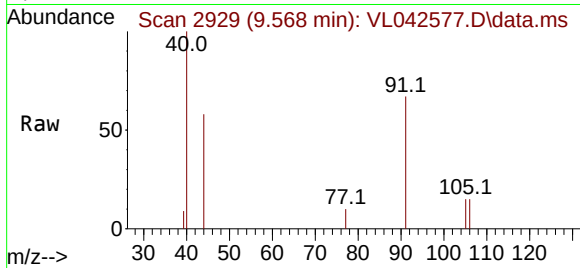
Tgt Ion: 91 Resp: 525
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



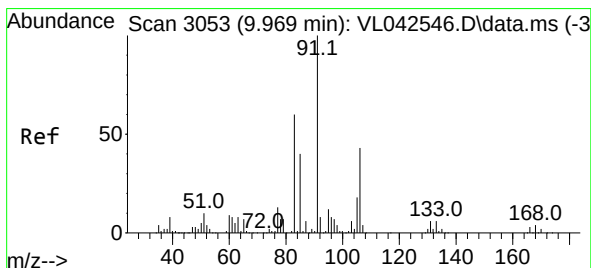
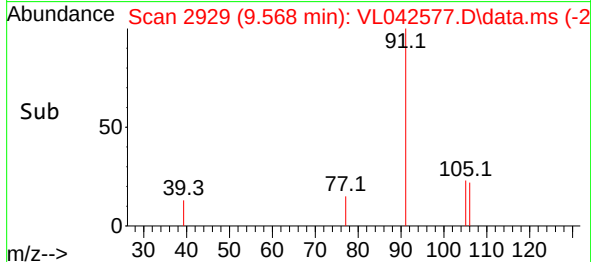
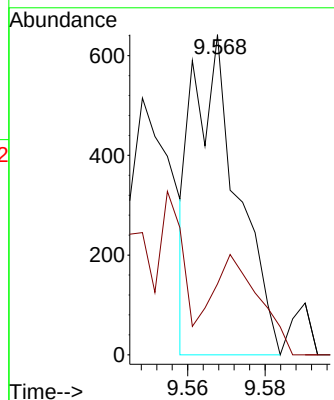


#59
m/p-Xylene
Concen: 0.016 ppbv
RT: 9.568 min Scan# 2926
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Instrument :
MSVOA_L
ClientSampleId :

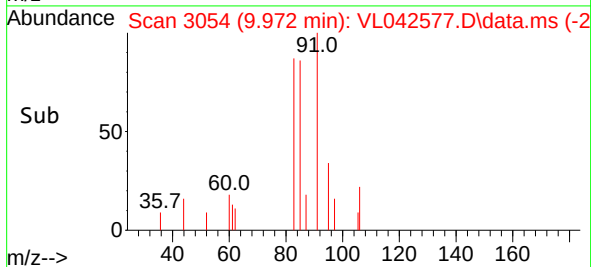
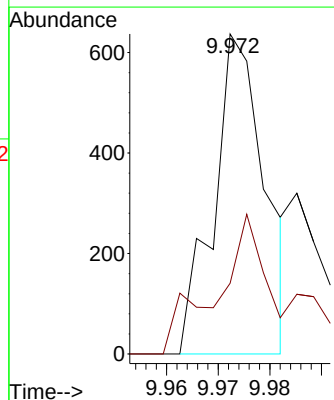
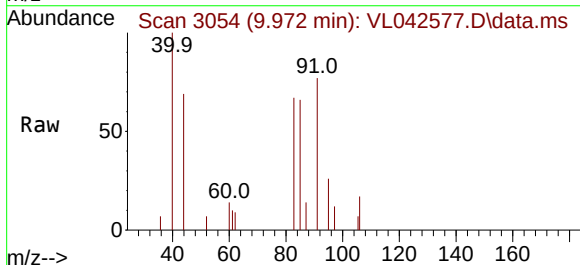


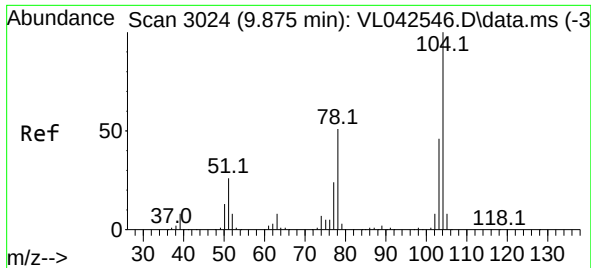
Tgt Ion: 91 Resp: 512
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#



#60
o-Xylene
Concen: 0.014 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion: 91 Resp: 438
Ion Ratio Lower Upper
91 100
106 58.2 21.6 64.8

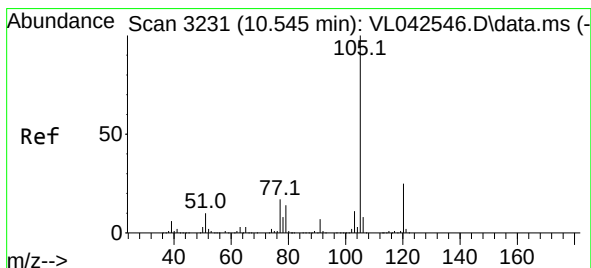
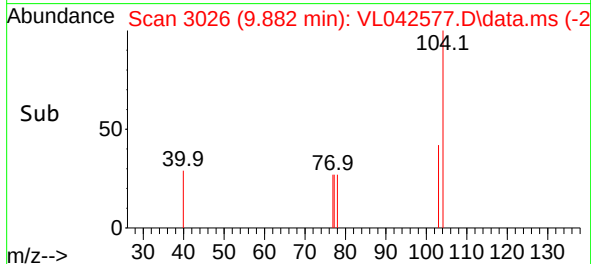
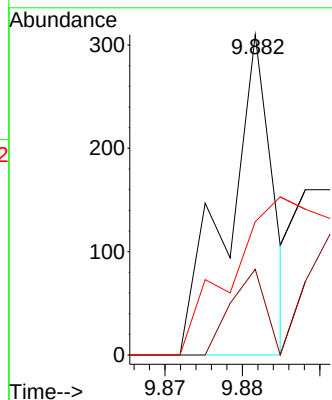
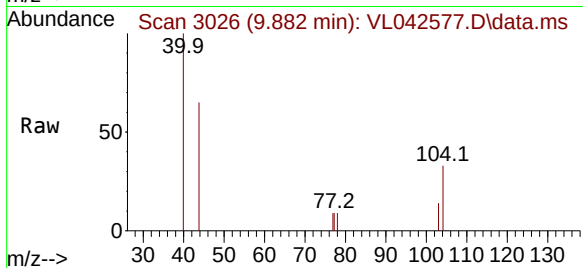




#61
Styrene
Concen: 0.010 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

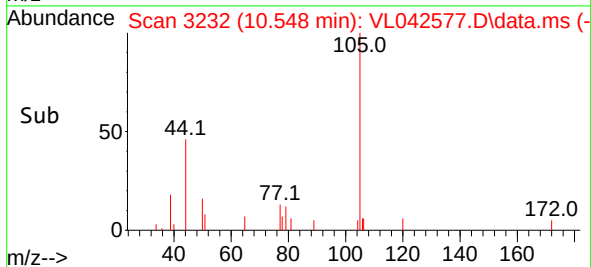
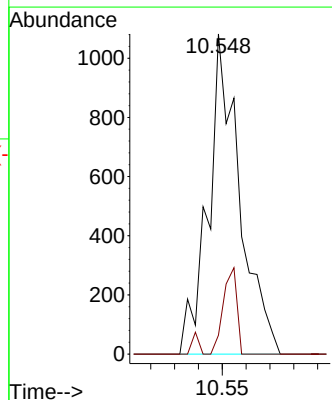
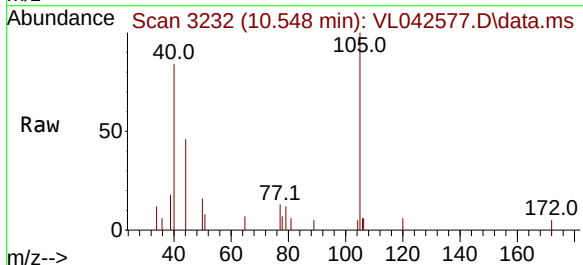
Instrument :
MSVOA_L
ClientSampleId :

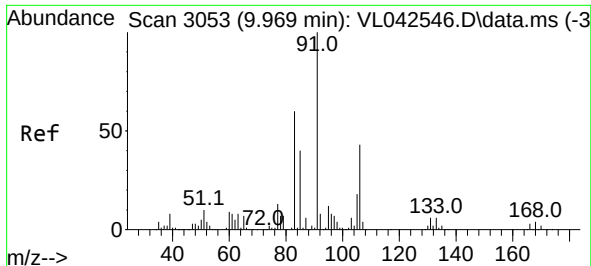
Tgt Ion:104 Resp: 128
Ion Ratio Lower Upper
104 100
78 0.0 39.2 58.8#
103 113.3 37.1 55.7#



#62
Isopropylbenzene
Concen: 0.020 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

Tgt Ion:105 Resp: 989
Ion Ratio Lower Upper
105 100
120 13.1 20.0 30.0#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.030 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.006 min

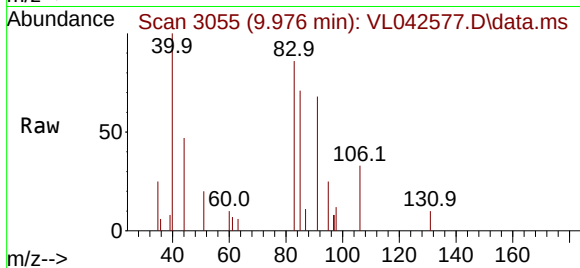
Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :



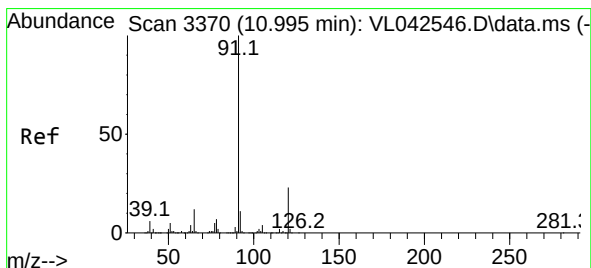
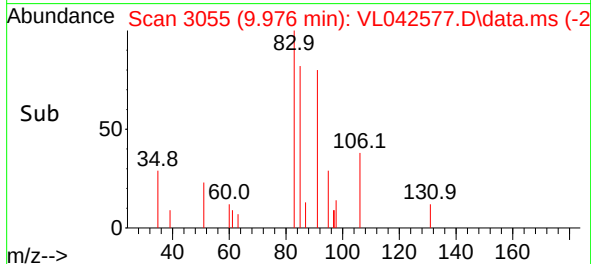
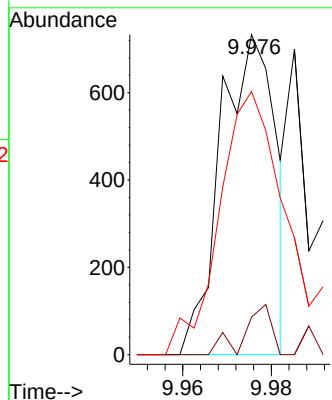
Tgt Ion: 83 Resp: 637

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 99.2 32.5 97.4#



#64

n-propylbenzene

Concen: 0.016 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.006 min

Lab File: VL042577.D

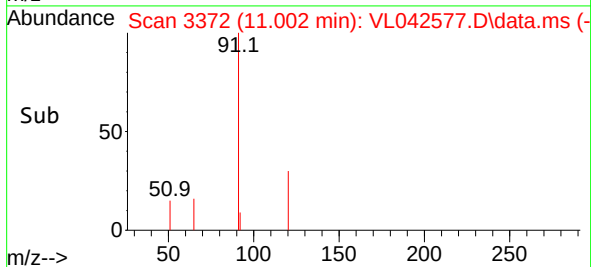
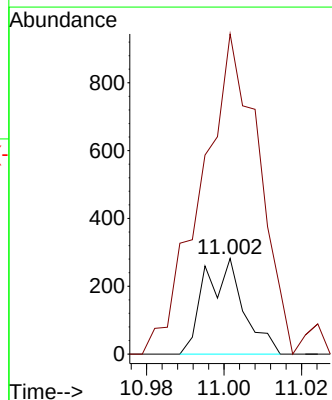
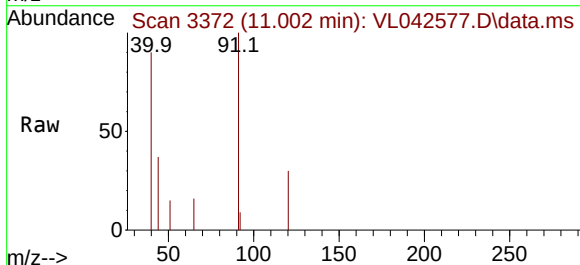
Acq: 22 May 2025 12:40

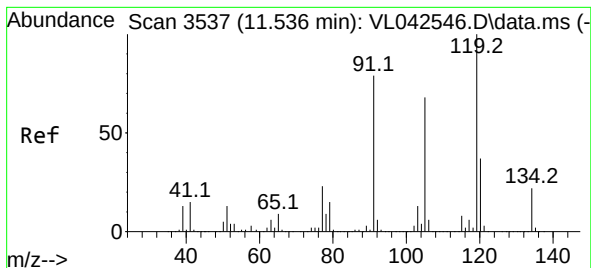
Tgt Ion: 120 Resp: 196

Ion Ratio Lower Upper

120 100

91 510.7 367.0 550.4





#65

tert-Butylbenzene

Concen: 0.015 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

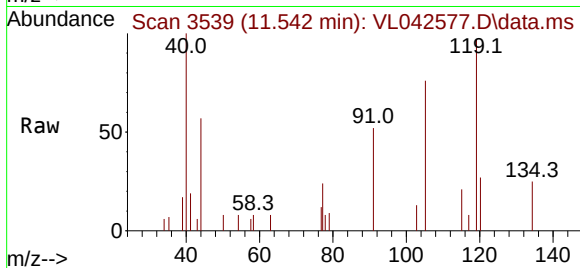
Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :



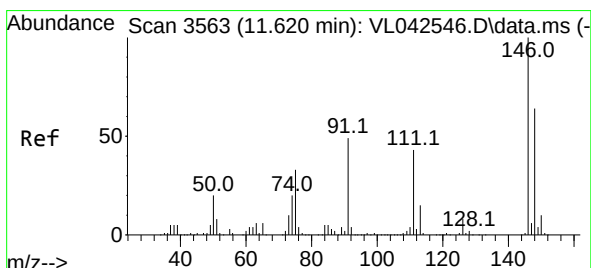
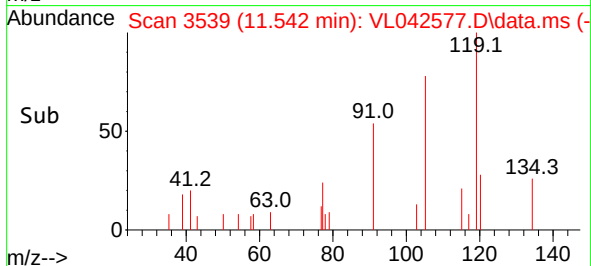
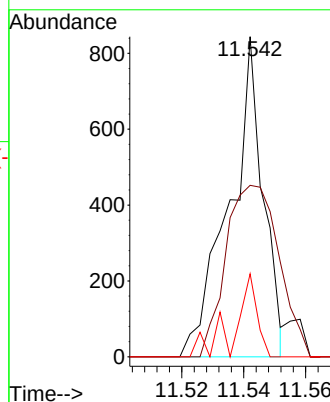
Tgt Ion:119 Resp: 638

Ion Ratio Lower Upper

119 100

91 84.3 62.7 94.1

134 17.6 16.8 25.2



#66

Benzyl Chloride

Concen: 0.098 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.078 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

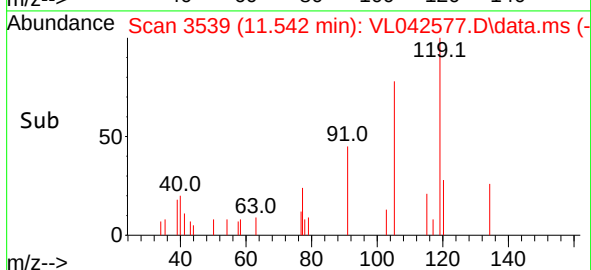
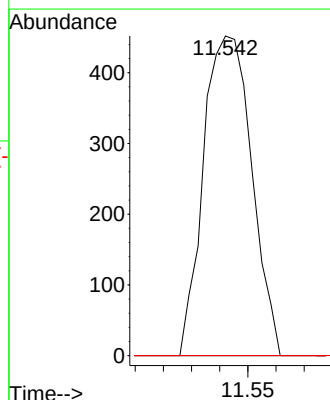
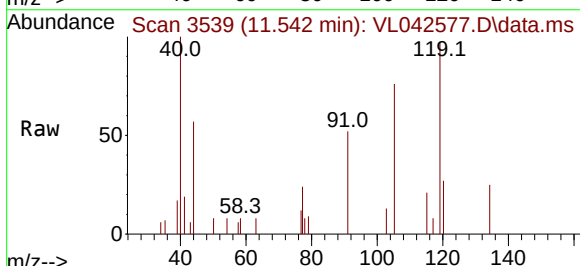
Tgt Ion: 91 Resp: 538

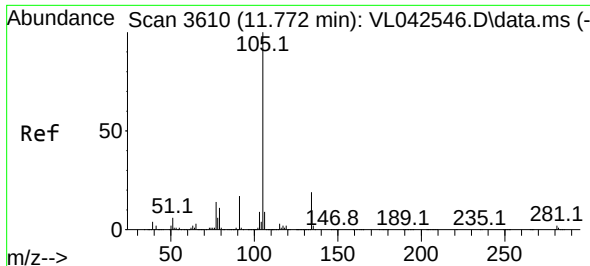
Ion Ratio Lower Upper

91 100

126 0.0 14.2 21.2#

128 0.0 4.6 6.8#

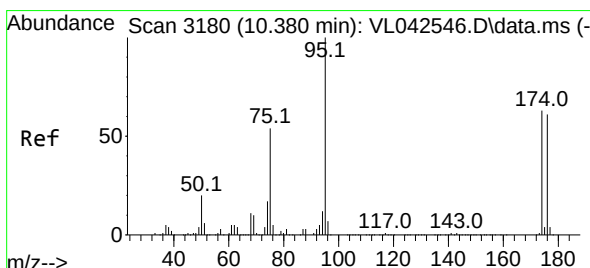
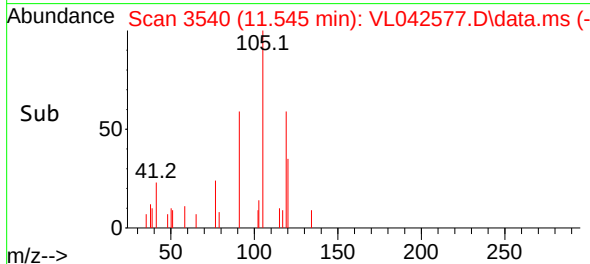
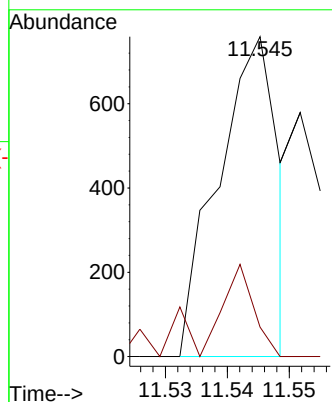
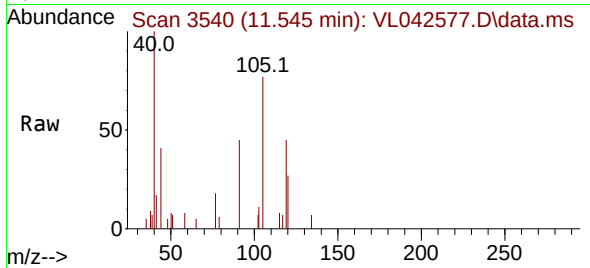




#67
 sec-Butylbenzene
 Concen: 0.008 ppbv
 RT: 11.545 min Scan# 311
 Delta R.T. -0.227 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

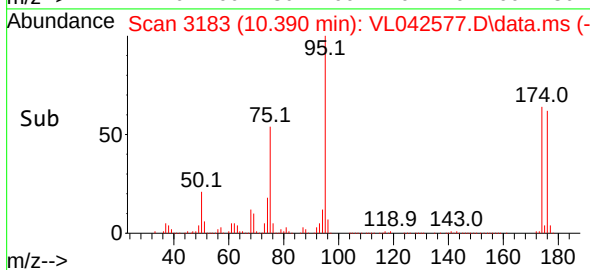
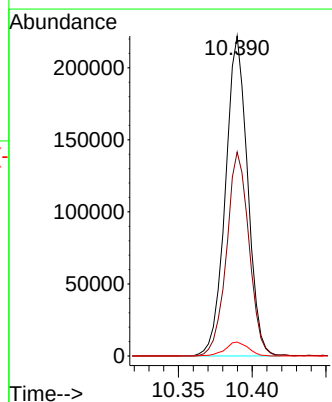
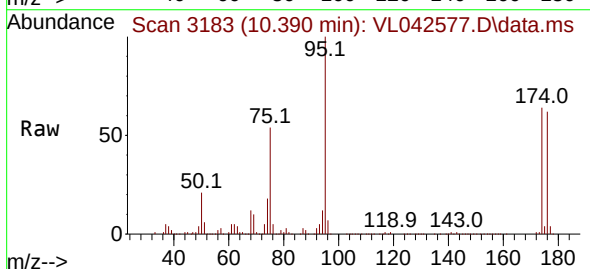
Instrument :
 MSVOA_L
 ClientSampleId :

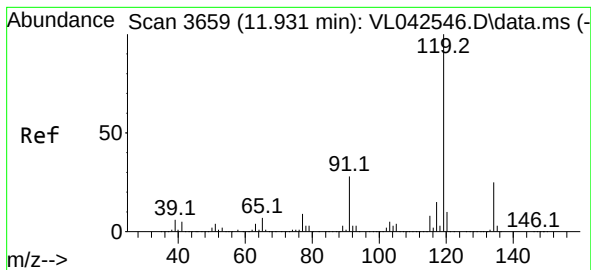
Tgt Ion:105 Resp: 511
 Ion Ratio Lower Upper
 105 100
 134 21.9 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.048 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.009 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Tgt Ion: 95 Resp: 231339
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.0 78.0
 175 4.5 3.8 5.6





#69

p-Isopropyltoluene

Concen: 0.013 ppbv

RT: 11.937 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL042577.D

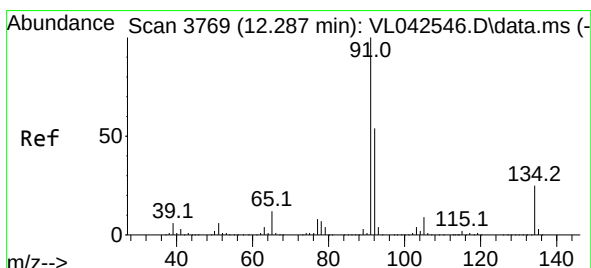
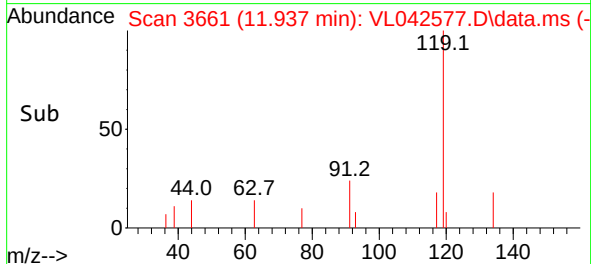
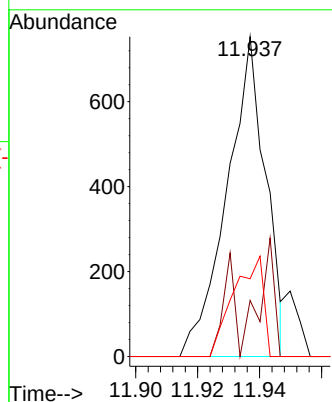
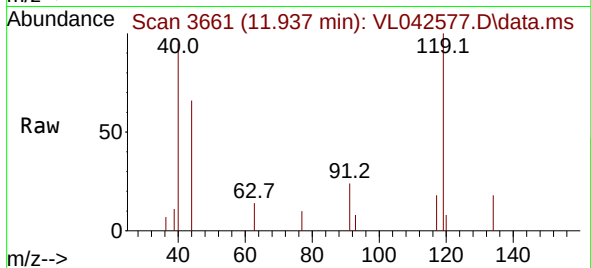
Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	652
Ion	Ratio	Lower	Upper
119	100		
134	24.1	20.1	30.1
91	24.1	22.3	33.5



#70

n-Butylbenzene

Concen: 0.009 ppbv

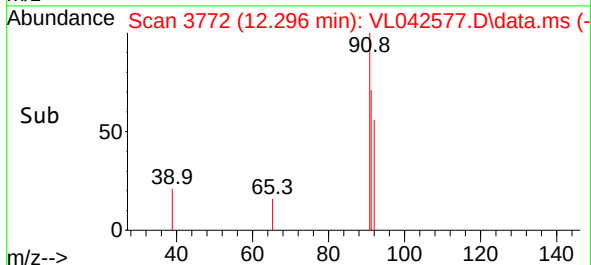
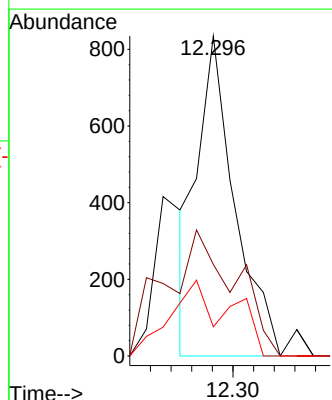
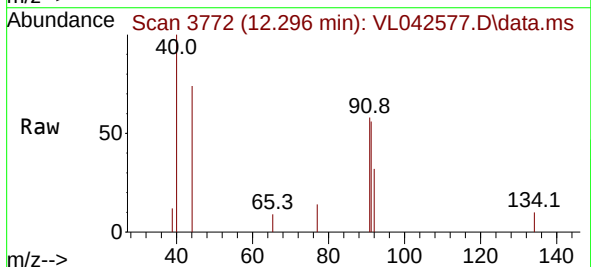
RT: 12.296 min Scan# 3772

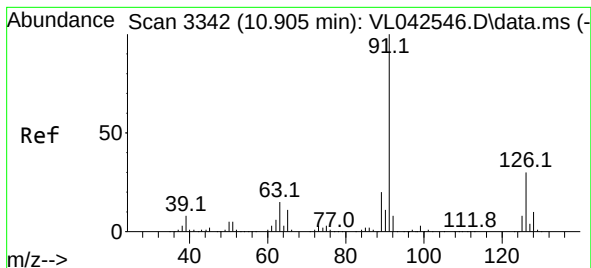
Delta R.T. 0.009 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

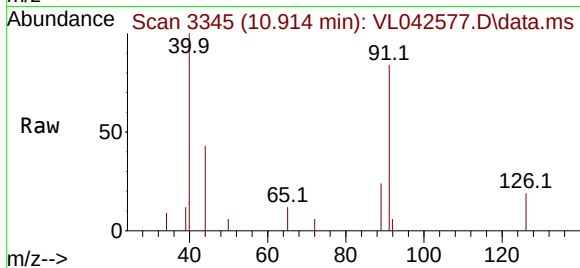
Tgt Ion:	91	Resp:	416
Ion	Ratio	Lower	Upper
91	100		
92	74.5	43.8	65.6#
134	38.2	19.7	29.5#



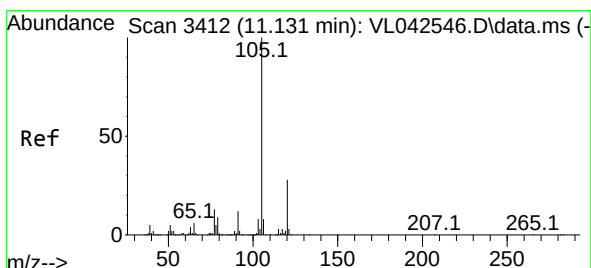
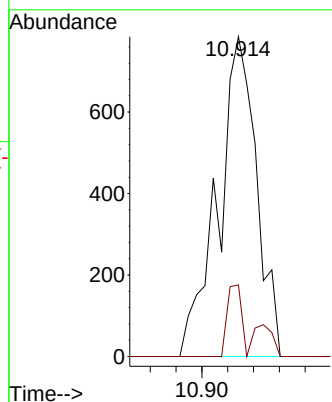
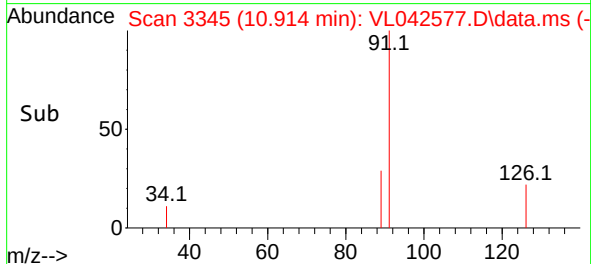


#71
2-Chlorotoluene
Concen: 0.023 ppbv
RT: 10.914 min Scan# 311
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

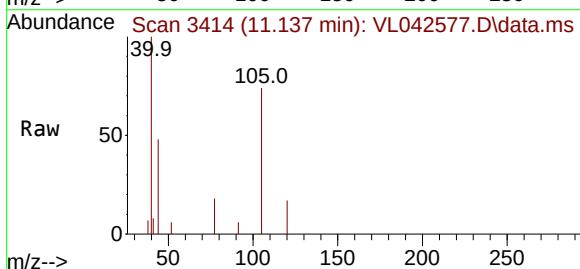
Instrument :
MSVOA_L
ClientSampleId :



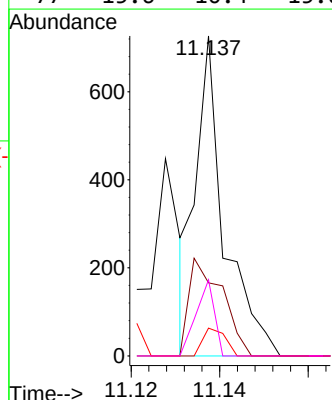
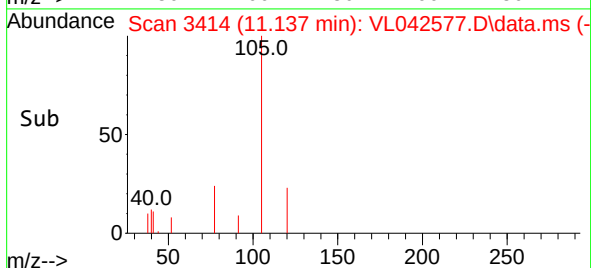
Tgt Ion: 91 Resp: 811
Ion Ratio Lower Upper
91 100
126 13.3 12.4 49.4

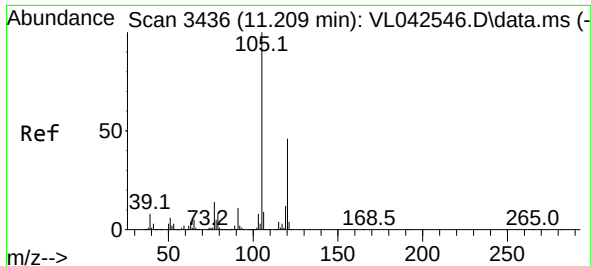


#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.006 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40



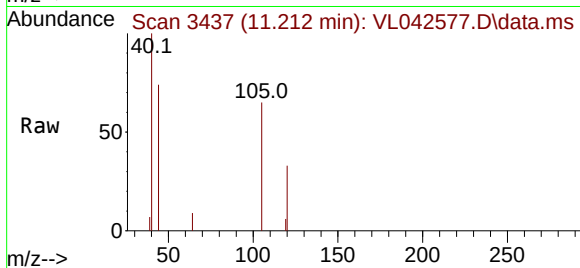
Tgt Ion: 105 Resp: 321
Ion Ratio Lower Upper
105 100
120 36.1 23.4 35.0#
91 0.0 10.2 15.4#
77 15.6 10.4 15.6



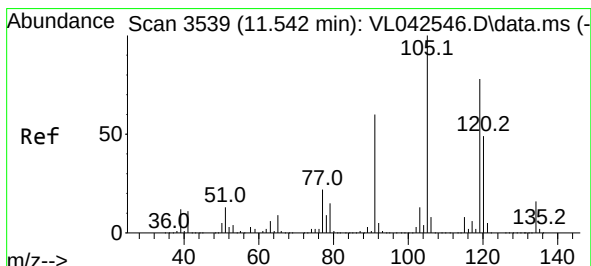
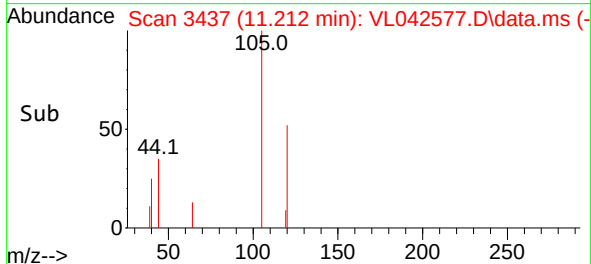
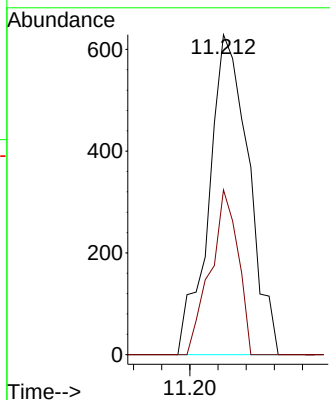


#73
 1,3,5-Trimethylbenzene
 Concen: 0.018 ppbv
 RT: 11.212 min Scan# 3436
 Delta R.T. 0.003 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Instrument :
 MSVOA_L
 ClientSampleId :

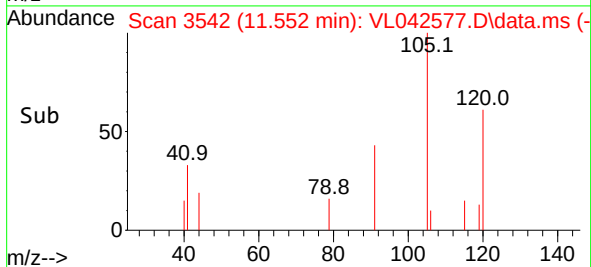
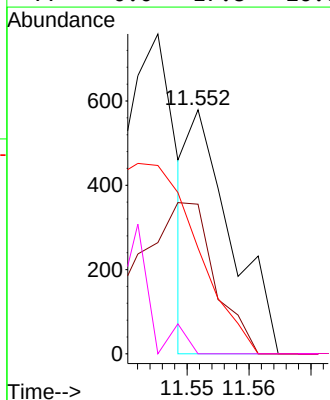
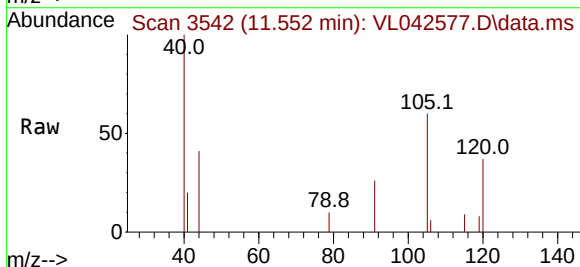


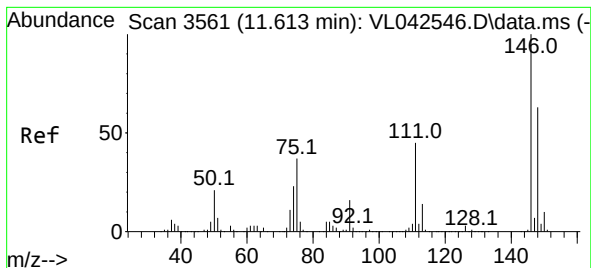
Tgt Ion:105 Resp: 615
 Ion Ratio Lower Upper
 105 100
 120 51.5 36.5 54.7



#74
 1,2,4-Trimethylbenzene
 Concen: 0.007 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. 0.009 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Tgt Ion:105 Resp: 270
 Ion Ratio Lower Upper
 105 100
 120 61.3 39.4 59.0#
 91 43.4 47.8 71.8#
 77 0.0 17.8 26.6#





#75

1,3-Dichlorobenzene

Concen: 0.011 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.009 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

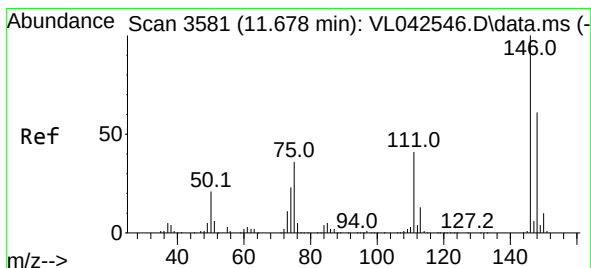
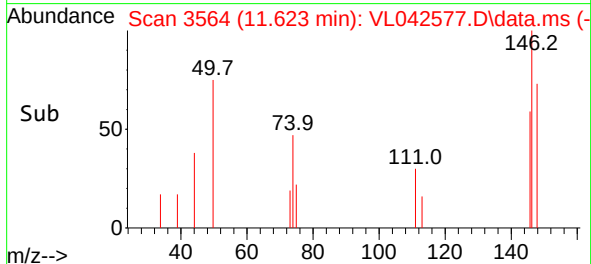
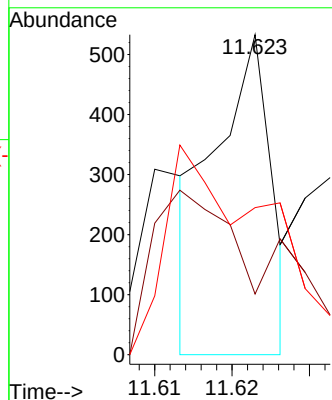
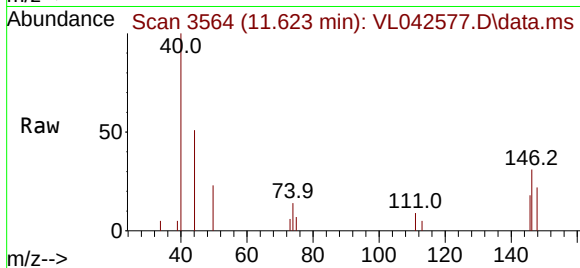
Tgt Ion:146 Resp: 273

Ion Ratio Lower Upper

146 100

111 0.0 22.8 68.4#

148 0.0 31.6 94.8#



#76

1,4-Dichlorobenzene

Concen: 0.017 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

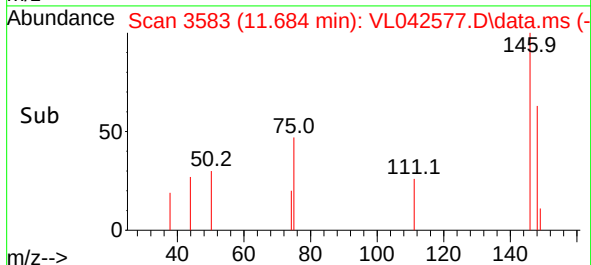
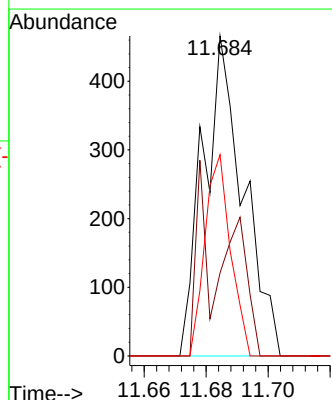
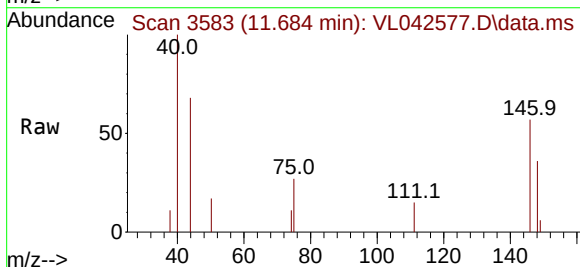
Tgt Ion:146 Resp: 420

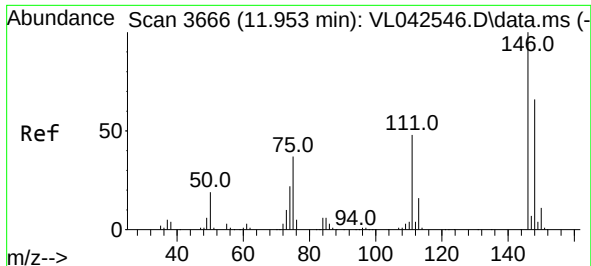
Ion Ratio Lower Upper

146 100

111 42.4 21.8 65.3

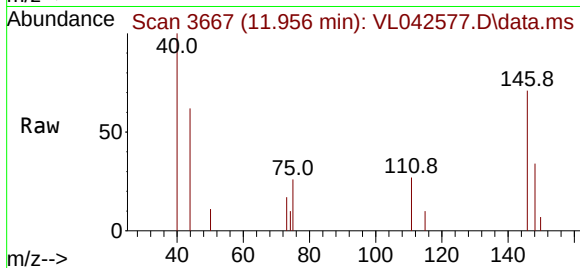
148 40.0 31.4 94.3



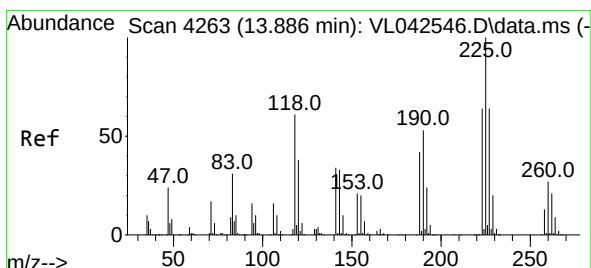
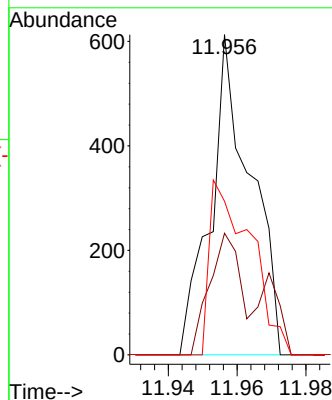
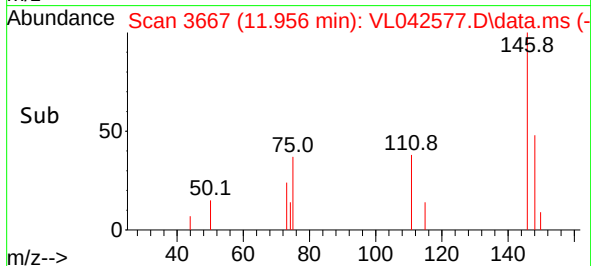


#77
1,2-Dichlorobenzene
Concen: 0.020 ppbv
RT: 11.956 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

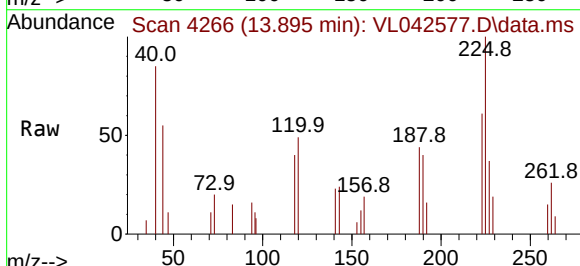
Instrument :
MSVOA_L
ClientSampleId :



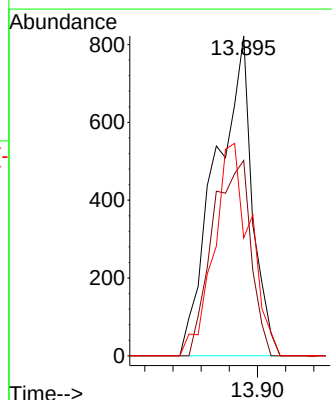
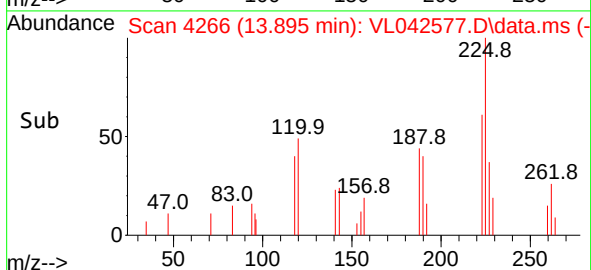
Tgt Ion:146 Resp: 493
Ion Ratio Lower Upper
146 100
111 43.0 23.7 71.1
148 56.4 32.3 96.9

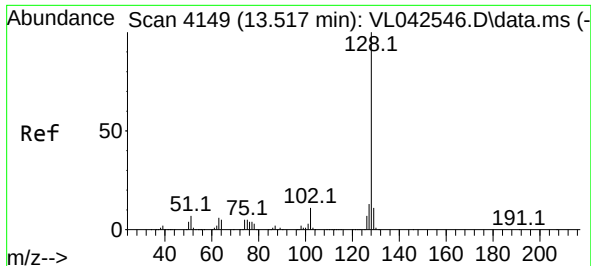


#78
Hexachloro-1,3-Butadiene
Concen: 0.036 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40



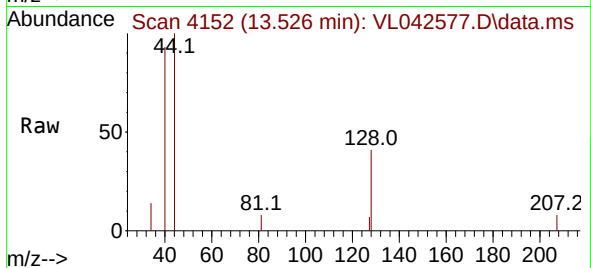
Tgt Ion:225 Resp: 739
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 66.3 50.2 75.4



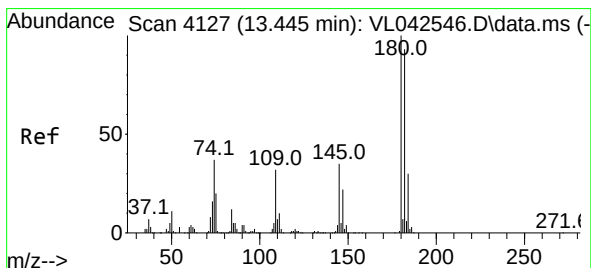
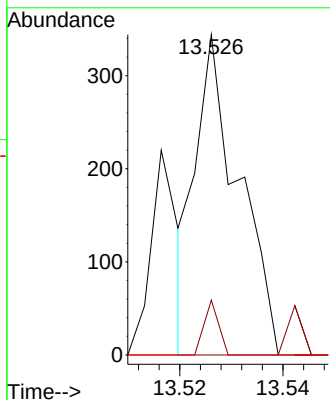
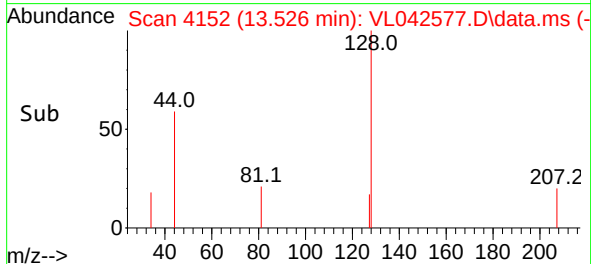


#79
Naphthalene
Concen: 0.006 ppbv
RT: 13.526 min Scan# 411
Delta R.T. 0.009 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40

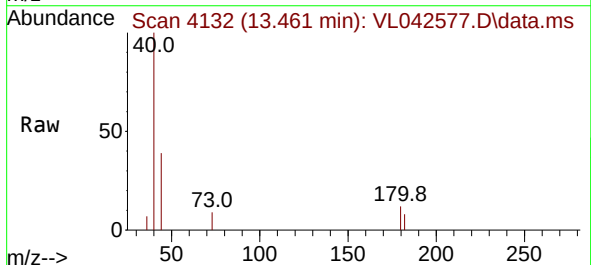
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
127 17.2 10.5 15.7#
129 0.0 9.0 13.4#



#81
1,2,4-Trichlorobenzene
Concen: 0.002 ppbv
RT: 13.461 min Scan# 4132
Delta R.T. 0.016 min
Lab File: VL042577.D
Acq: 22 May 2025 12:40



Tgt Ion:180 Resp: 44
Ion Ratio Lower Upper
180 100
182 311.4 75.6 113.4#
184 0.0 23.7 35.5#

