

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042507.D
 Acq On : 06 May 2025 20:45
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: May 07 01:48:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	73201	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	194975	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	165562	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	163586	10.657	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	126416	10.436	ppbv	96
3) Chlorodifluoromethane	1.476	51	154006	12.025	ppbv	99
4) Chloromethane	1.535	50	51283	10.129	ppbv	94
5) Vinyl Chloride	1.580	62	47804	9.378	ppbv	99
6) Bromomethane	1.667	94	24483	10.166	ppbv	96
7) Chloroethane	1.703	64	19328	10.269	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	104533	10.468	ppbv	100
9) Propene	1.486	41	37199	8.880	ppbv	99
10) Heptane	4.985	43	120050	11.048	ppbv	99
11) Trichlorofluoromethane	1.878	101	117851	10.543	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	95081	10.653	ppbv	100
13) Ethanol	1.722	45	3683	4.332	ppbv	98
14) Bromoethene	1.784	108	34926	10.600	ppbv	97
15) Acetone	1.836	43	111733	8.361	ppbv	99
16) 1,3-Butadiene	1.609	39	59012	10.013	ppbv	99
17) tert-Butyl alcohol	2.043	59	84810	7.204	ppbv	98
18) 1,1-Dichloroethene	2.036	96	43987	10.555	ppbv	90
19) Isopropyl Alcohol	1.887	45	36662	4.957	ppbv #	95
20) Methylene Chloride	2.062	84	35200	8.762	ppbv	95
21) Allyl Chloride	2.098	41	77384	9.005	ppbv	96
22) trans-1,2-Dichloroethene	2.344	96	47739	9.808	ppbv	96
23) Vinyl Acetate	2.464	43	32021	2.511	ppbv	98
24) 1,1-Dichloroethane	2.412	63	98492	9.919	ppbv	98
25) Ethyl Acetate	2.839	43	212926	9.952	ppbv	99
26) Hexane	2.829	57	96439	10.346	ppbv	95
27) Carbon Disulfide	2.153	76	115323	10.602	ppbv	94
28) Methyl tert-Butyl Ether	2.441	73	48903	8.733	ppbv	96
29) Chloroform	2.852	83	182569	10.452	ppbv	97
30) Cyclohexane	3.862	84	79058	10.145	ppbv	98
31) cis-1,2-Dichloroethene	2.723	61	99450	9.145	ppbv	92
32) 1,1,1-Trichloroethane	3.370	97	182895	9.651	ppbv	99
34) 2-Butanone	2.561	43	115840	8.214	ppbv	96
35) Carbon Tetrachloride	3.765	117	189683	10.710	ppbv	95
36) Benzene	3.658	78	191758	10.422	ppbv	95
37) 1,2-Dichloroethane	3.221	62	141496	9.978	ppbv	99
38) Trichloroethene	4.554	130	95431	13.601	ppbv	89
39) 1,2-Dichloropropane	4.318	63	69212	10.048	ppbv	93
40) 1,4-Dioxane	4.590	88	22259	6.901	ppbv #	100
41) Tetrahydrofuran	3.059	42	61236	9.137	ppbv	99
42) Bromodichloromethane	4.493	83	187995	10.850	ppbv	96
43) Methyl Methacrylate	4.888	69	60569	8.822	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	337514	11.317	ppbv	98
45) t-1,3-Dichloropropene	6.428	75	58954	6.545	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042507.D
 Acq On : 06 May 2025 20:45
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

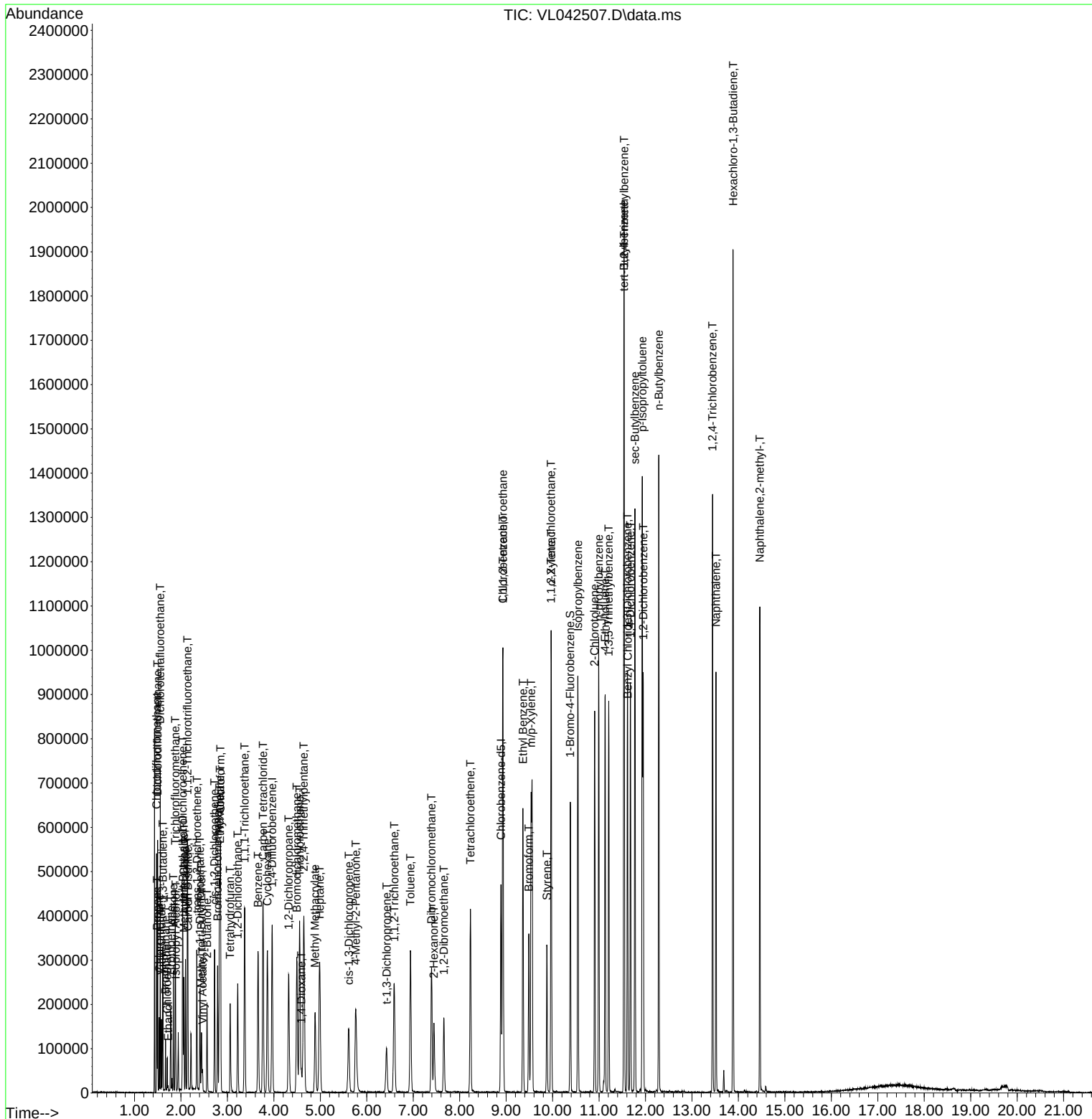
Instrument :
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 ClientSampleId :
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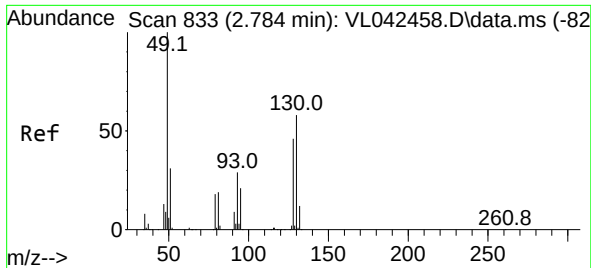
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	85745	8.009	ppbv	96
47) 1,1,2-Trichloroethane	6.594	97	77438	10.251	ppbv	98
48) Dibromochloromethane	7.393	129	136576	10.709	ppbv	97
49) Bromoform	9.487	173	114796	10.733	ppbv	99
50) 4-Methyl-2-Pentanone	5.765	43	161206	9.037	ppbv	97
51) 2-Hexanone	7.445	43	98036	6.874	ppbv #	100
52) Tetrachloroethene	8.231	164	65001	9.281	ppbv	94
53) Toluene	6.940	91	215839	11.083	ppbv	98
54) 1,2-Dibromoethane	7.662	107	101197	8.762	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.930	131	107385	10.982	ppbv	98
57) Chlorobenzene	8.930	112	182744	10.985	ppbv	94
58) Ethyl Benzene	9.361	91	327425	11.834	ppbv	97
59) m/p-Xylene	9.539	91	311259	13.419	ppbv #	33
60) o-Xylene	9.969	91	294752	12.692	ppbv	100
61) Styrene	9.876	104	98553	11.372	ppbv	98
62) Isopropylbenzene	10.545	105	413558	12.345	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	134322	8.389	ppbv	100
64) n-propylbenzene	10.995	120	103102	12.593	ppbv	98
65) tert-Butylbenzene	11.536	119	375280	12.553	ppbv	99
66) Benzyl Chloride	11.617	91	13460	3.896	ppbv #	94
67) sec-Butylbenzene	11.772	105	541364	12.743	ppbv	100
69) p-Isopropyltoluene	11.931	119	463851	12.959	ppbv	99
70) n-Butylbenzene	12.287	91	492839	13.319	ppbv	99
71) 2-Chlorotoluene	10.905	91	328104	12.487	ppbv	99
72) 4-Ethyltoluene	11.128	105	370034	13.514	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	317811	13.197	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	364646	12.515	ppbv	93
75) 1,3-Dichlorobenzene	11.610	146	205478	12.667	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	202578	13.197	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	203670	12.828	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	196969	12.423	ppbv	99
79) Naphthalene	13.517	128	401961	16.388	ppbv #	97
80) Naphthalene,2-methyl-	14.462	142	268295	14.717	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	194940	14.902	ppbv	97

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

Quant Time: May 07 01:48:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

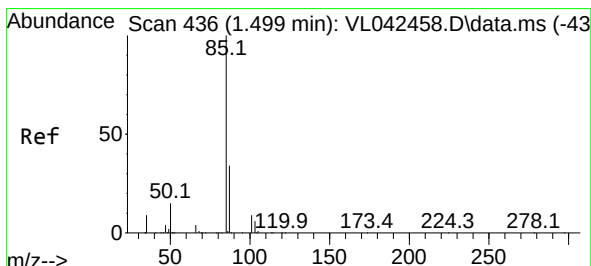
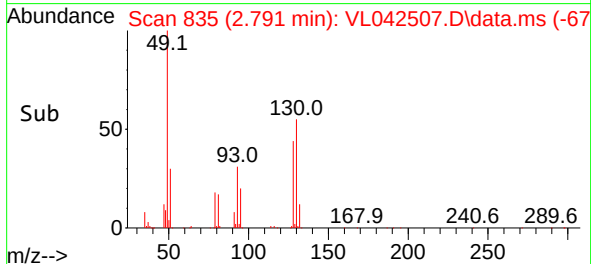
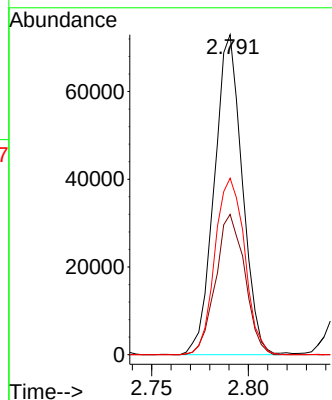
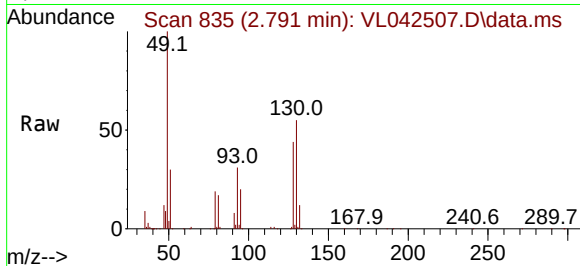




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

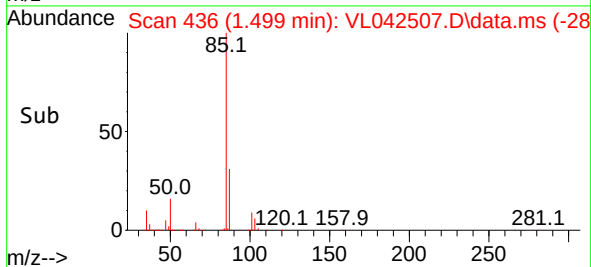
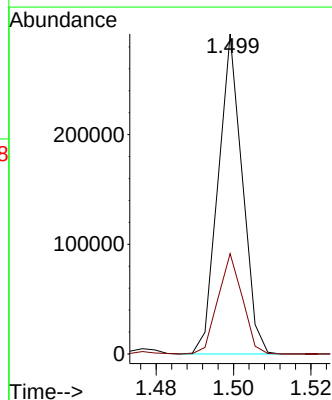
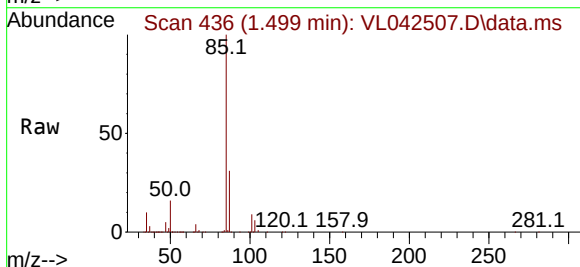
Instrument :
MSVOA_L
ClientSampleId :
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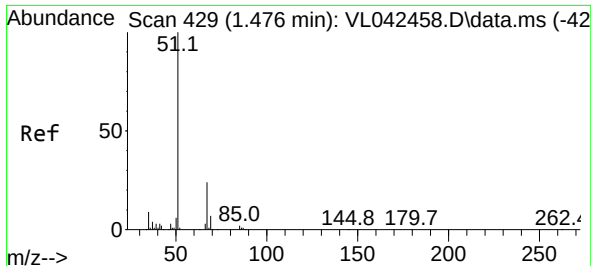
Tgt Ion: 49 Resp: 73201
Ion Ratio Lower Upper
49 100
128 45.6 23.3 69.9
130 58.7 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 10.436 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 85 Resp: 126416
Ion Ratio Lower Upper
85 100
87 31.4 26.9 40.3

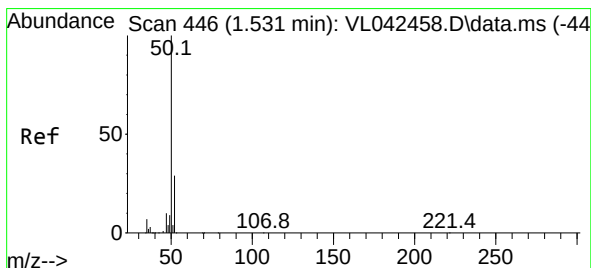
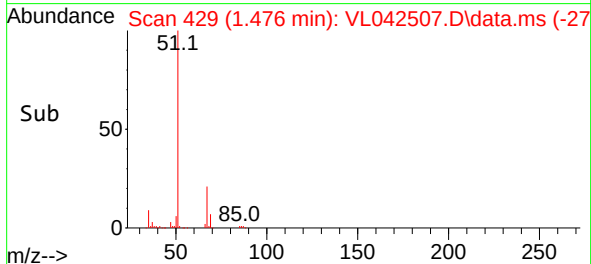
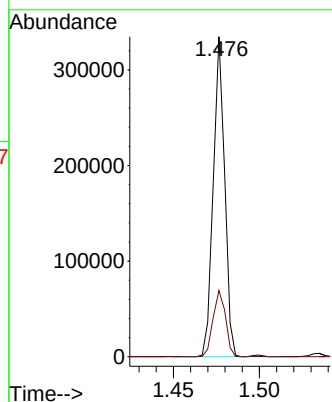
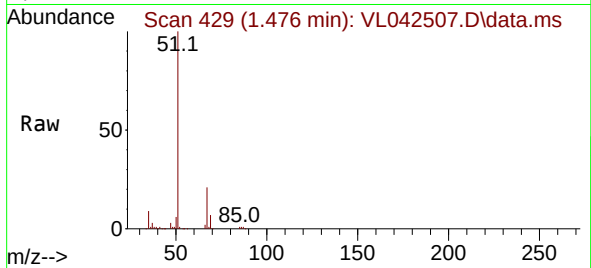




#3
Chlorodifluoromethane
Concen: 12.025 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

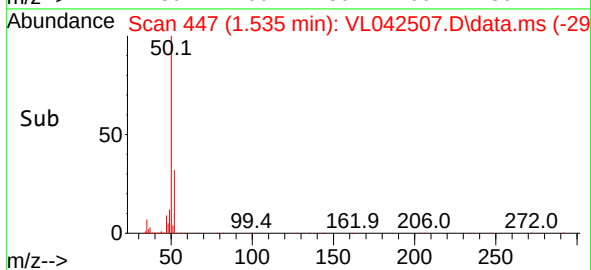
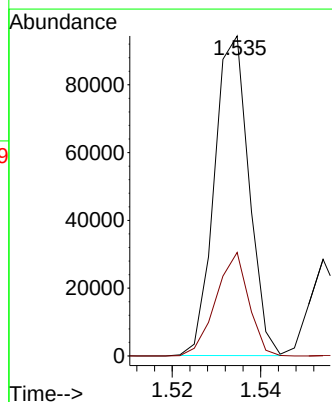
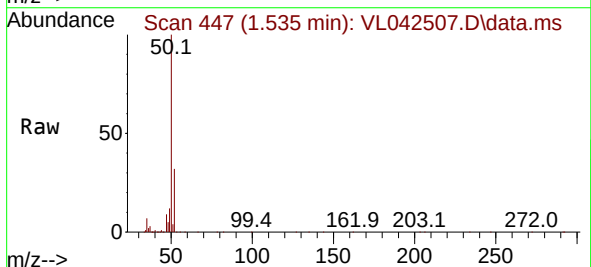
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

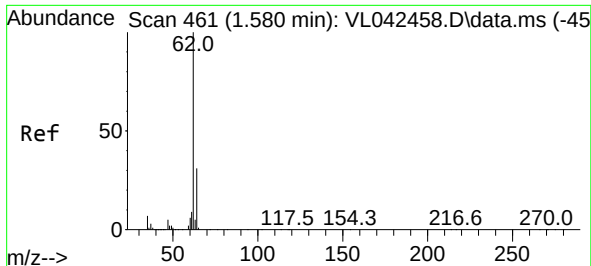
Tgt Ion: 51 Resp: 154006
Ion Ratio Lower Upper
51 100
67 22.6 18.4 27.6



#4
Chloromethane
Concen: 10.129 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 50 Resp: 51283
Ion Ratio Lower Upper
50 100
52 32.4 23.5 35.3

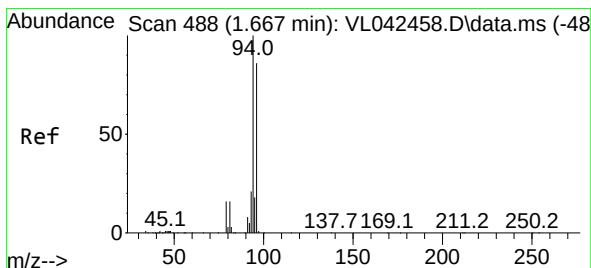
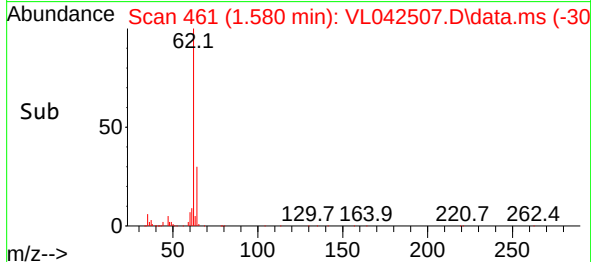
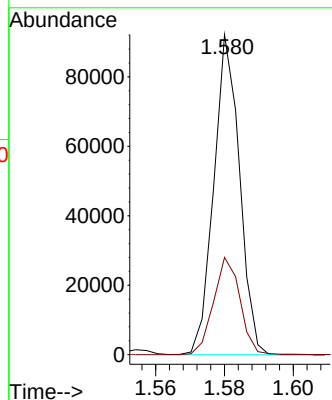
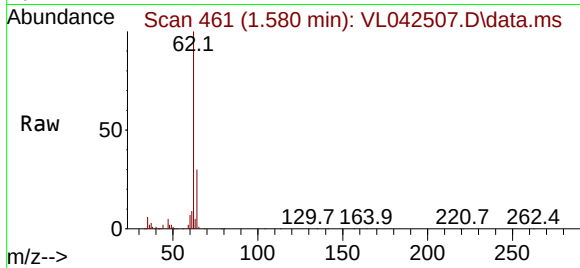




#5
 Vinyl Chloride
 Concen: 9.378 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

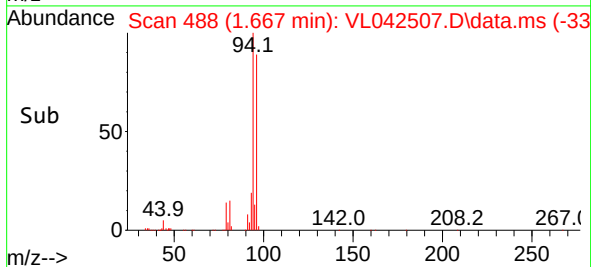
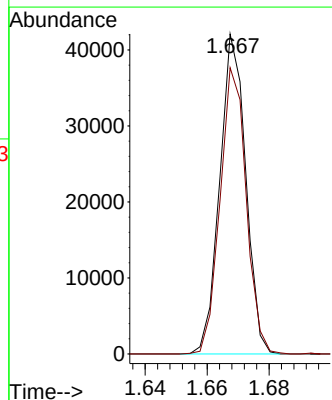
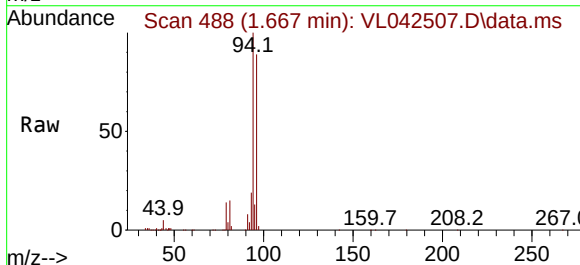
Instrument :
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 ClientSampleId :
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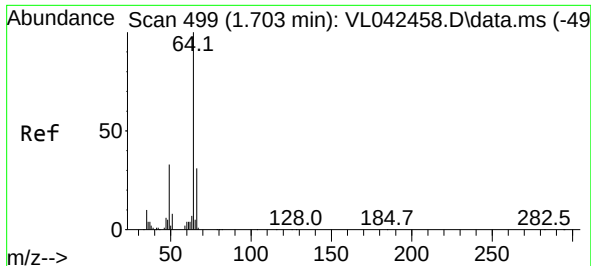
Tgt Ion: 62 Resp: 47804
 Ion Ratio Lower Upper
 62 100
 64 30.4 24.9 37.3



#6
 Bromomethane
 Concen: 10.166 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 94 Resp: 24483
 Ion Ratio Lower Upper
 94 100
 96 89.5 68.8 103.2

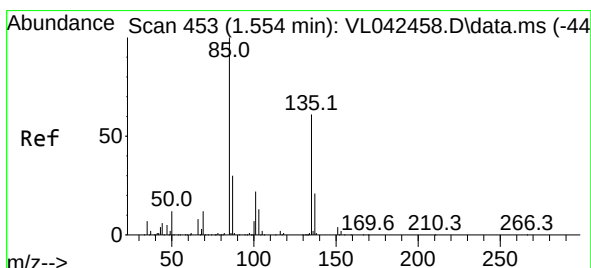
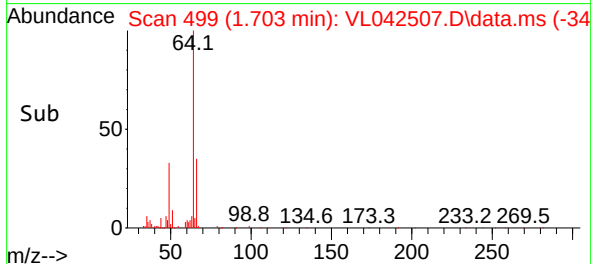
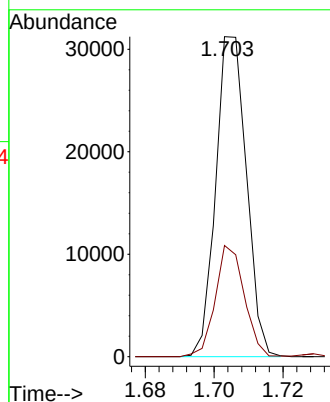
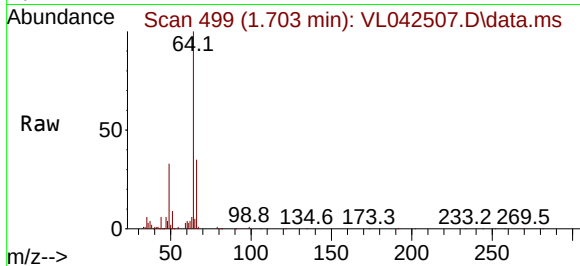




#7
Chloroethane
Concen: 10.269 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

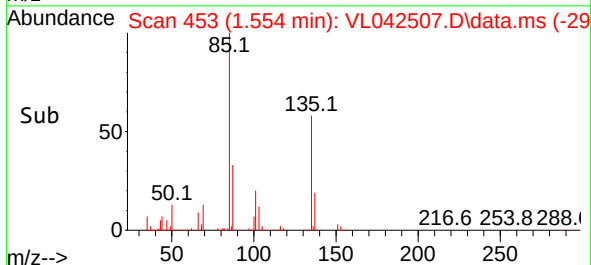
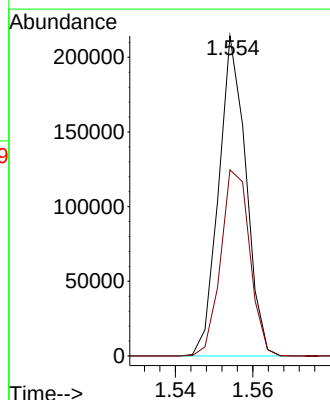
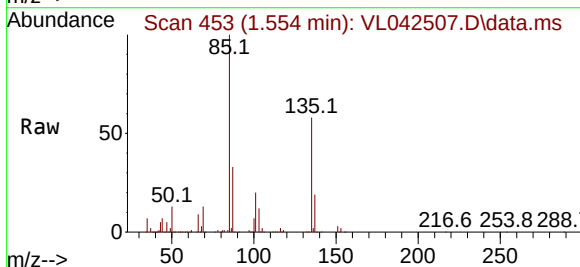
Instrument :
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ClientSampleId :
VSTDCCC010EC

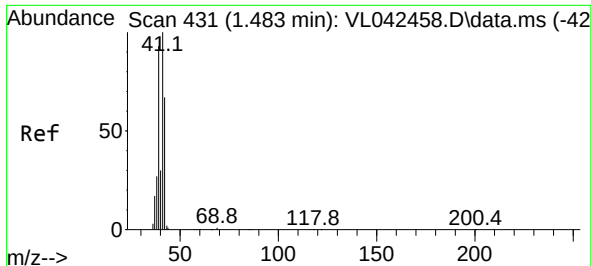
Tgt Ion: 64 Resp: 19328
Ion Ratio Lower Upper
64 100
66 34.8 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 10.468 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 85 Resp: 104533
Ion Ratio Lower Upper
85 100
135 62.2 49.8 74.8





#9

Propene

Concen: 8.880 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

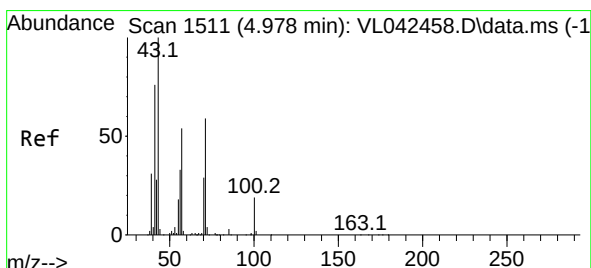
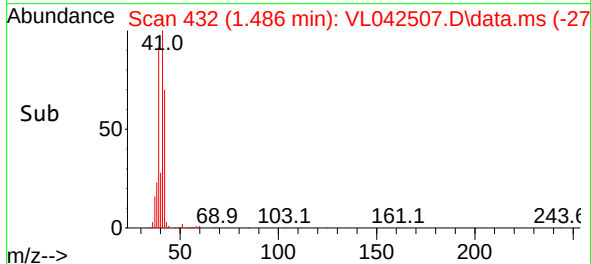
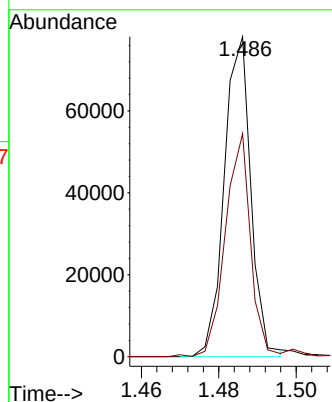
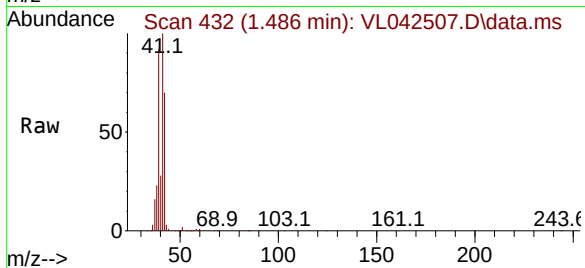
VSTDCCC010EC

Tgt Ion: 41 Resp: 37199

Ion Ratio Lower Upper

41 100

42 68.4 54.3 81.5



#10

Heptane

Concen: 11.048 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.007 min

Lab File: VL042507.D

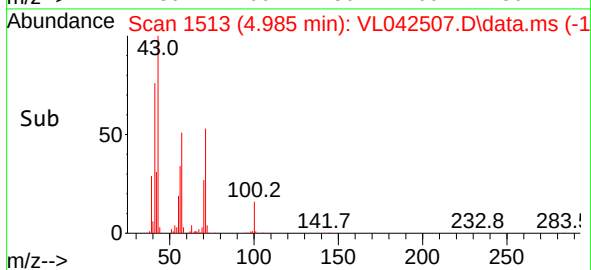
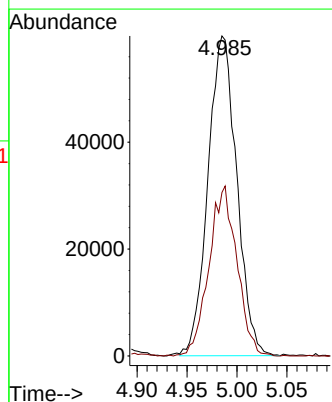
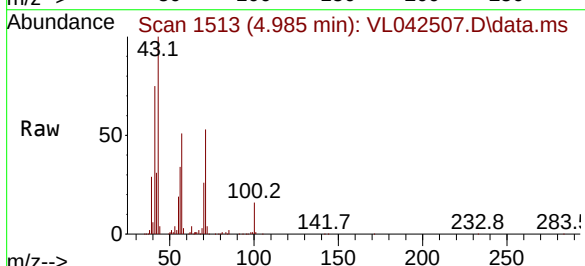
Acq: 06 May 2025 20:45

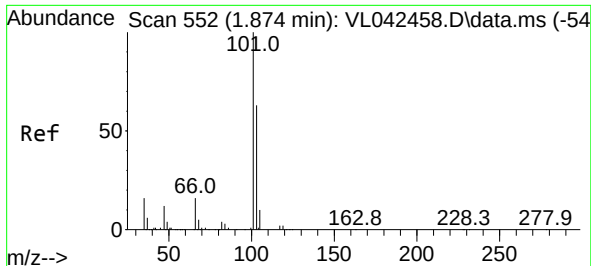
Tgt Ion: 43 Resp: 120050

Ion Ratio Lower Upper

43 100

57 51.6 41.8 62.8

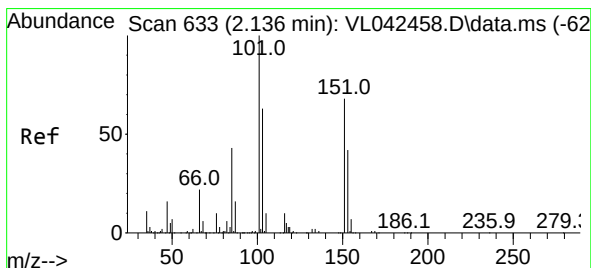
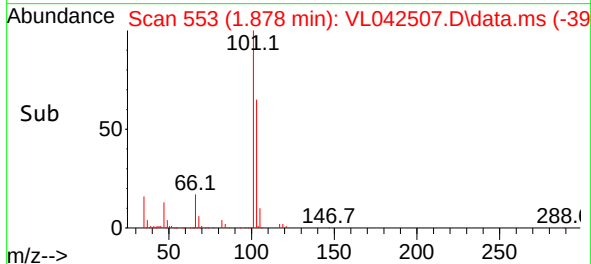
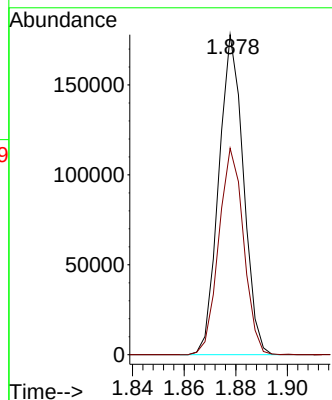
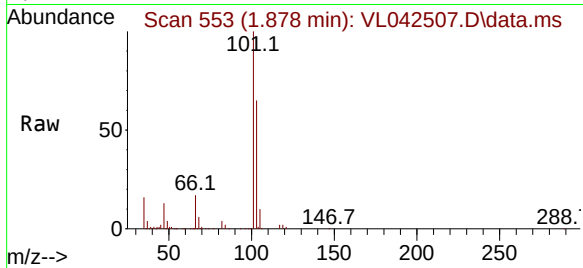




#11
 Trichlorofluoromethane
 Concen: 10.543 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

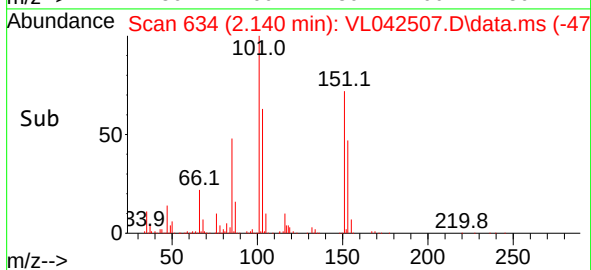
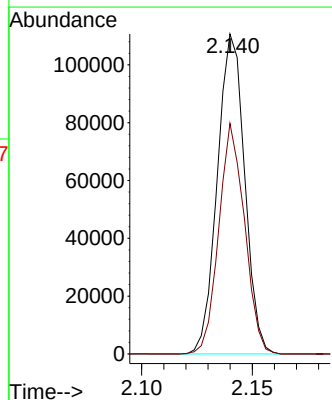
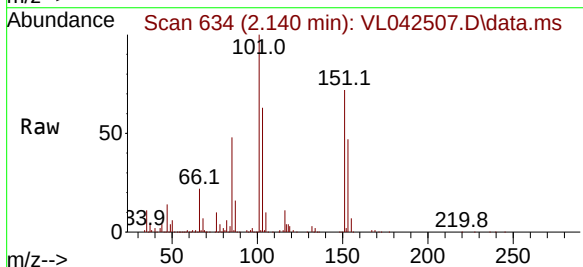
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

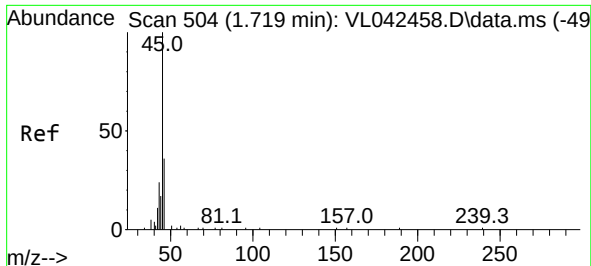
Tgt Ion:101 Resp: 117851
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.653 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion:101 Resp: 95081
 Ion Ratio Lower Upper
 101 100
 151 67.9 54.6 82.0

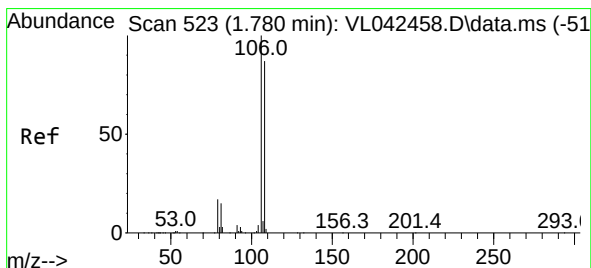
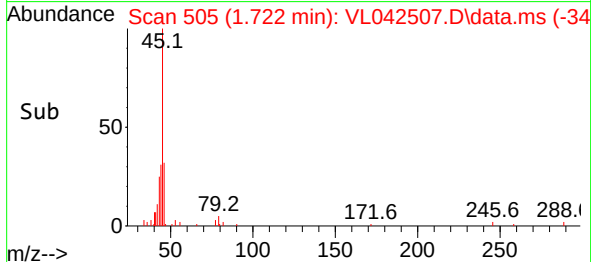
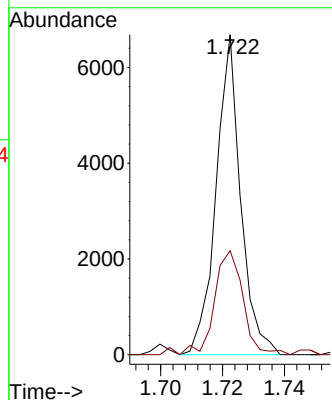
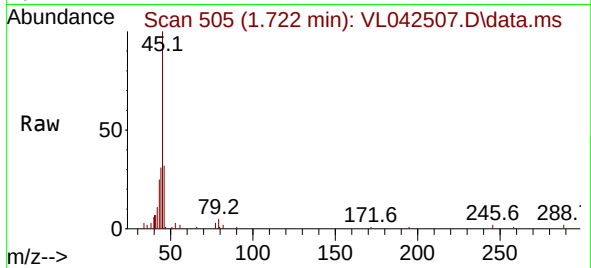




#13
 Ethanol
 Concen: 4.332 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

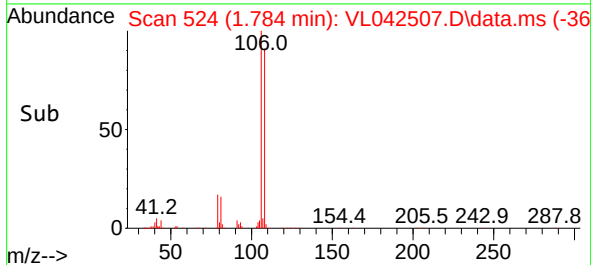
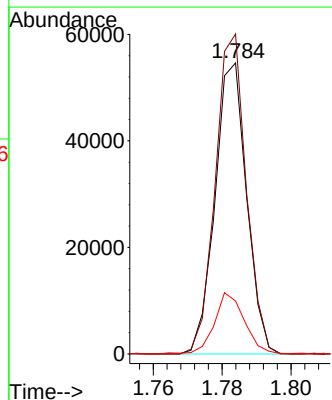
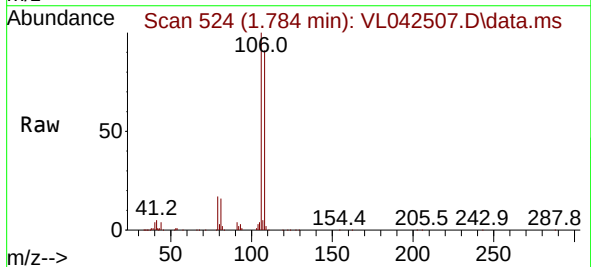
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

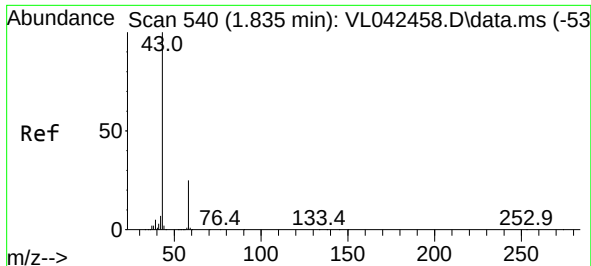
Tgt Ion: 45 Resp: 3683
 Ion Ratio Lower Upper
 45 100
 46 39.1 15.3 61.1



#14
 Bromoethene
 Concen: 10.600 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 108 Resp: 34926
 Ion Ratio Lower Upper
 108 100
 106 107.1 88.8 133.2
 79 20.2 17.1 25.7

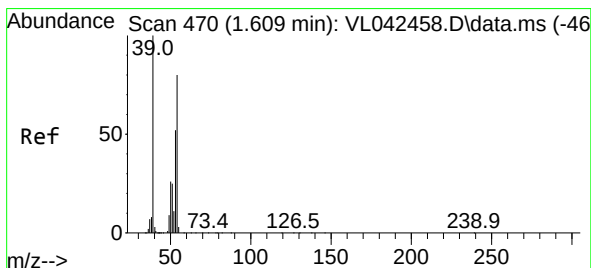
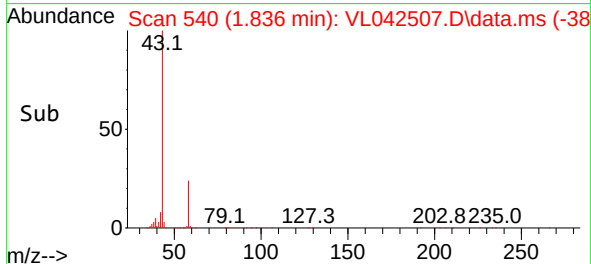
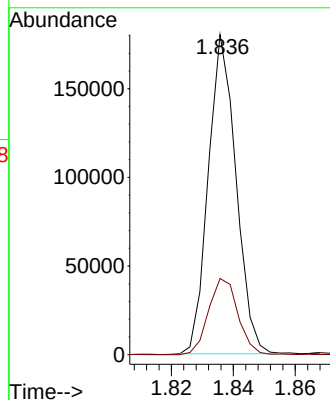
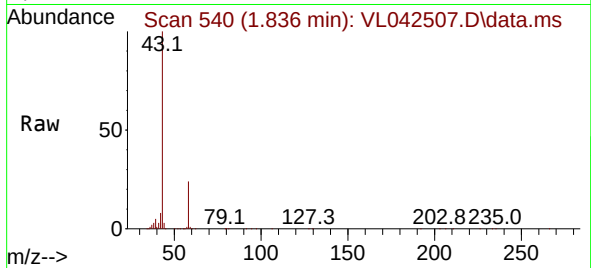




#15
Acetone
Concen: 8.361 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

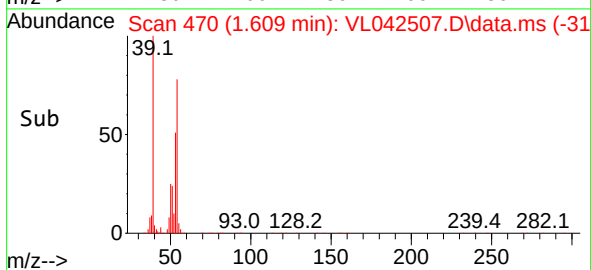
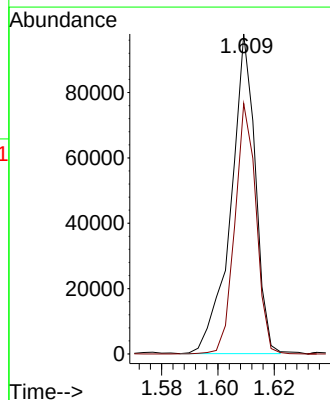
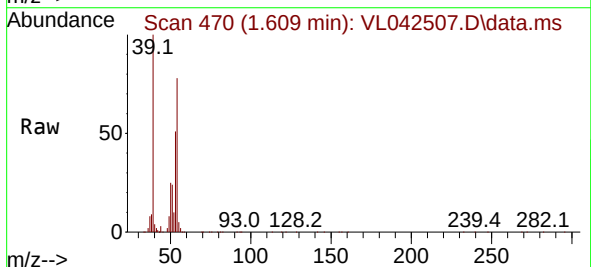
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

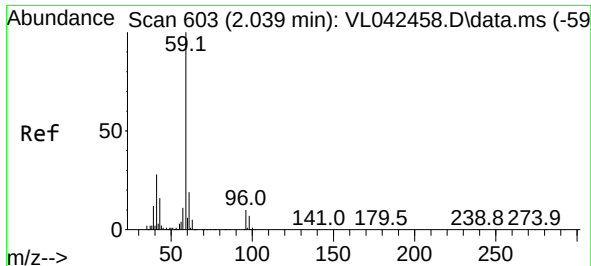
Tgt Ion: 43 Resp: 111733
Ion Ratio Lower Upper
43 100
58 25.5 19.8 29.8



#16
1,3-Butadiene
Concen: 10.013 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 39 Resp: 59012
Ion Ratio Lower Upper
39 100
54 67.9 55.2 82.8





#17

tert-Butyl alcohol

Concen: 7.204 ppbv

RT: 2.043 min Scan# 603

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

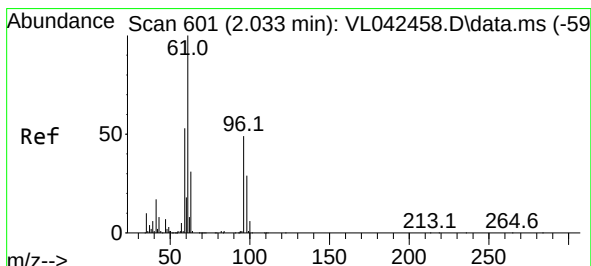
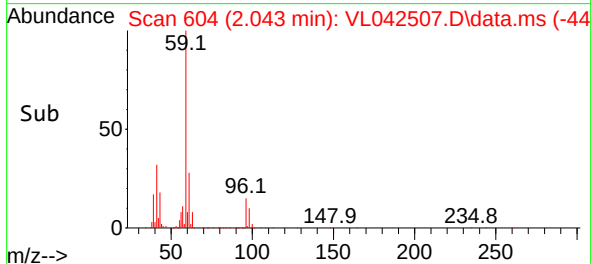
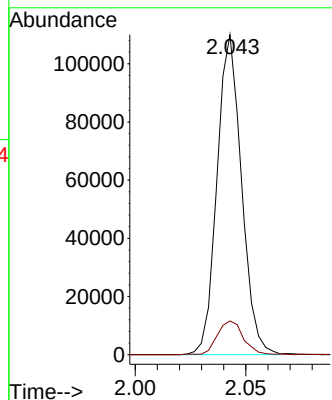
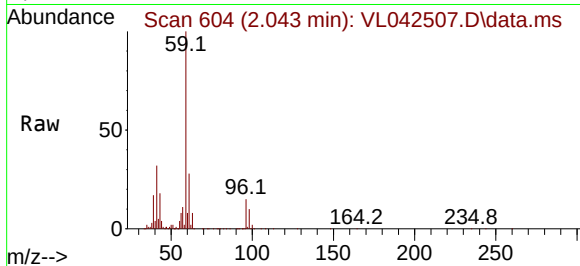
VSTDCCC010EC

Tgt Ion: 59 Resp: 84810

Ion Ratio Lower Upper

59 100

57 11.3 8.3 12.5



#18

1,1-Dichloroethene

Concen: 10.555 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

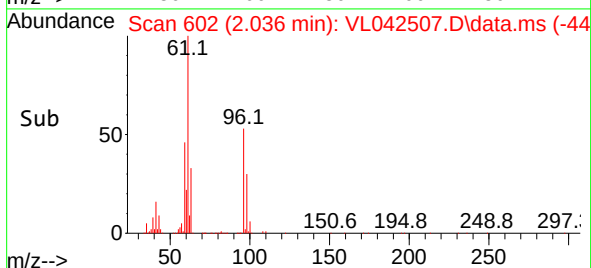
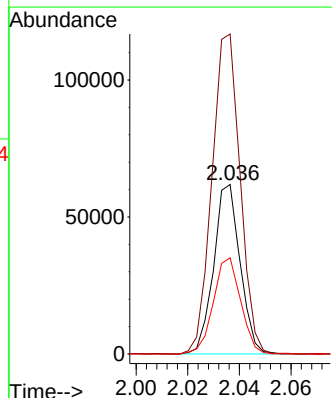
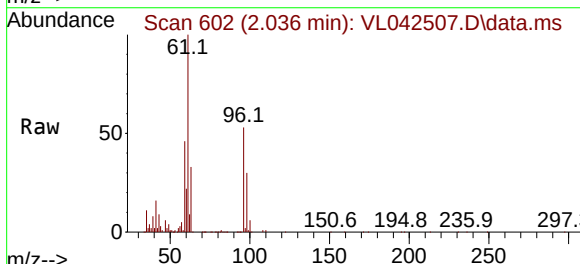
Tgt Ion: 96 Resp: 43987

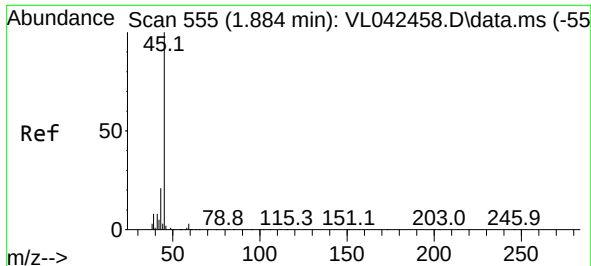
Ion Ratio Lower Upper

96 100

61 188.9 164.9 247.3

98 56.8 48.2 72.2

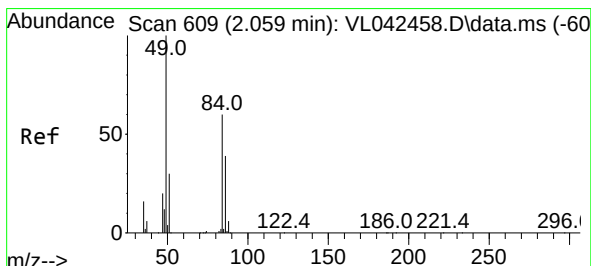
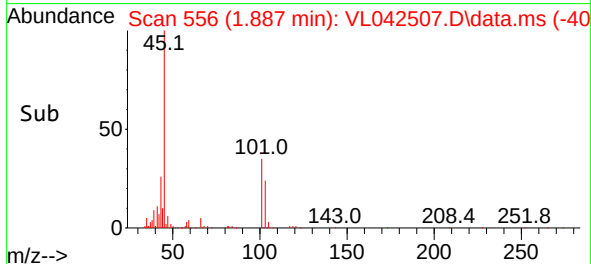
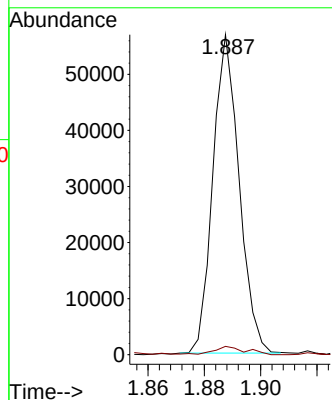
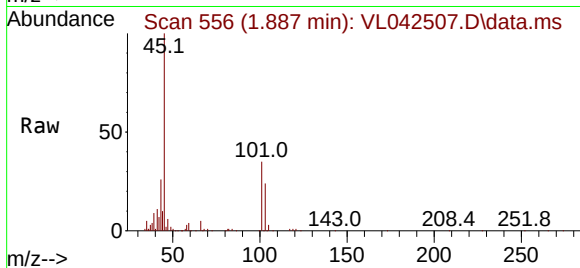




#19
Isopropyl Alcohol
Concen: 4.957 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

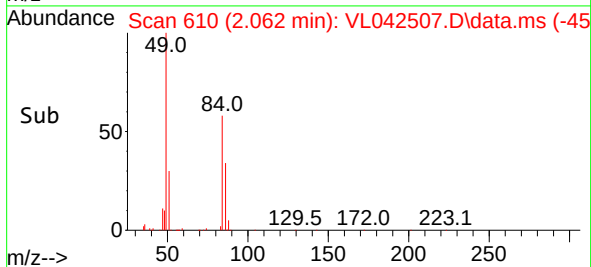
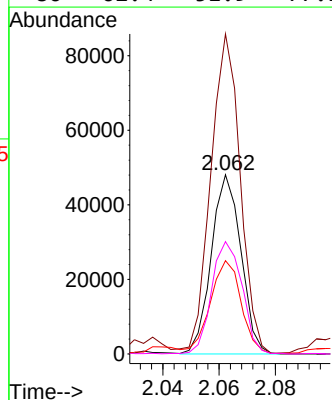
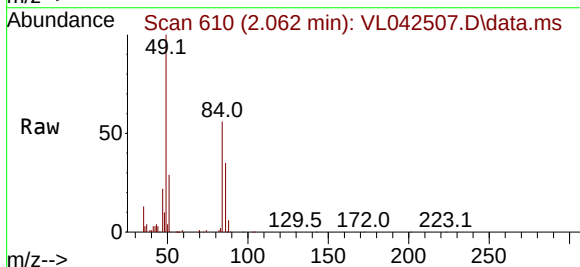
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

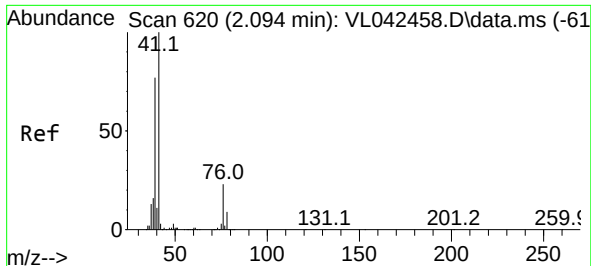
Tgt Ion: 45 Resp: 36662
Ion Ratio Lower Upper
45 100
58 3.9 1.6 2.4#



#20
Methylene Chloride
Concen: 8.762 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 84 Resp: 35200
Ion Ratio Lower Upper
84 100
49 178.0 133.9 200.9
51 51.8 41.0 61.6
86 62.4 51.9 77.9

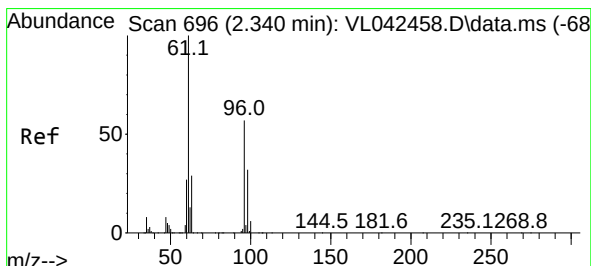
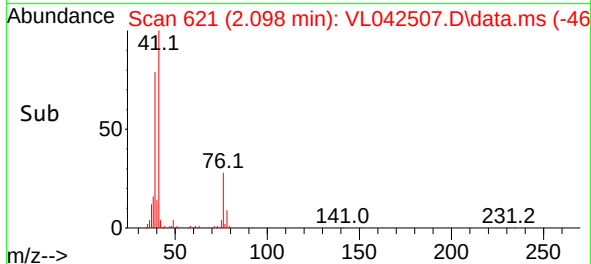
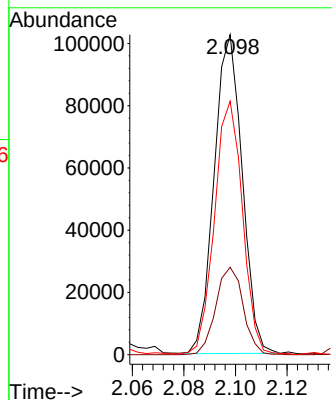
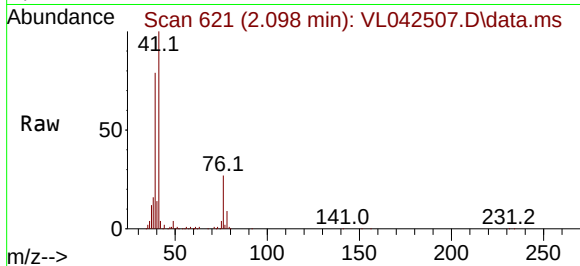




#21
 Allyl Chloride
 Concen: 9.005 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

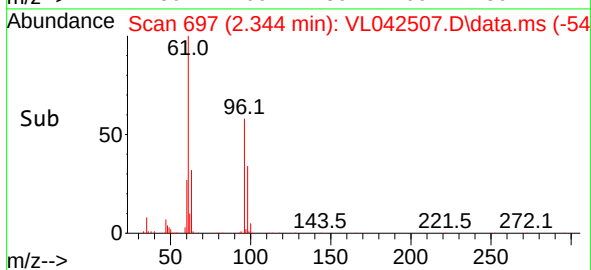
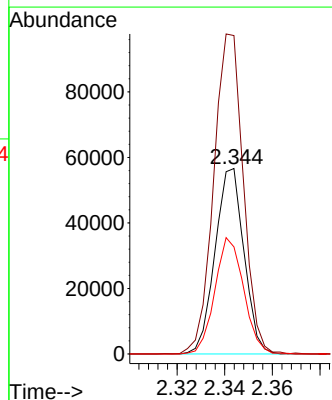
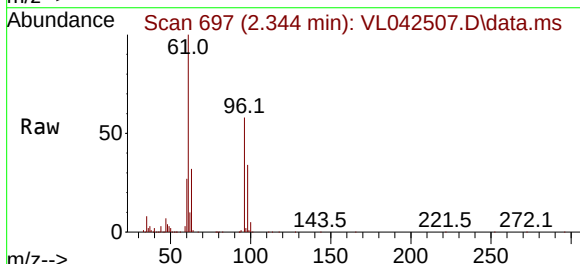
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

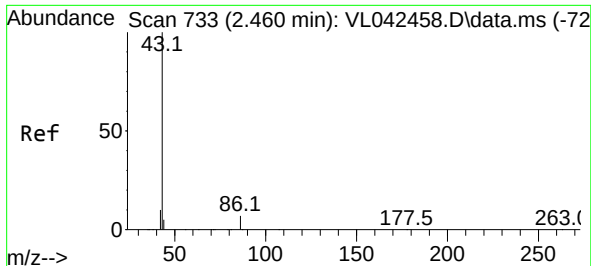
Tgt Ion: 41 Resp: 77384
 Ion Ratio Lower Upper
 41 100
 76 26.7 19.6 29.4
 39 79.5 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.808 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 96 Resp: 47739
 Ion Ratio Lower Upper
 96 100
 61 171.4 141.8 212.6
 98 57.7 45.0 67.6

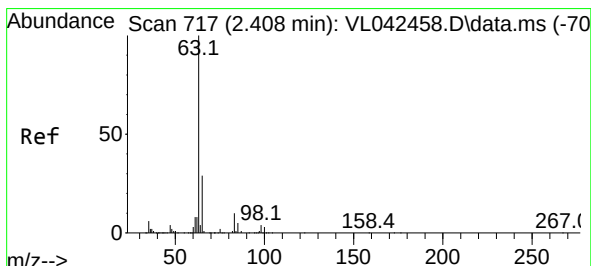
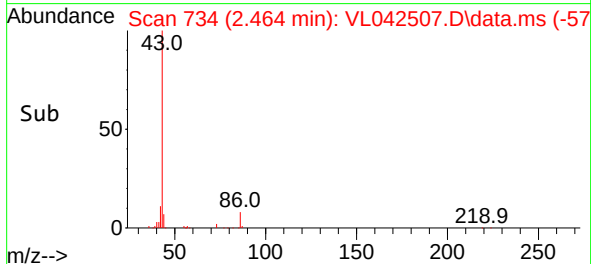
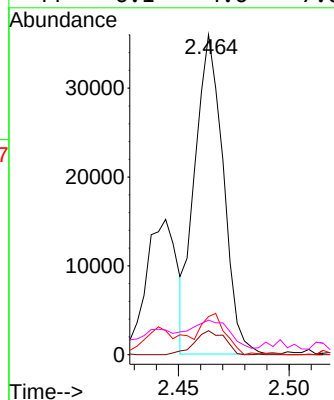
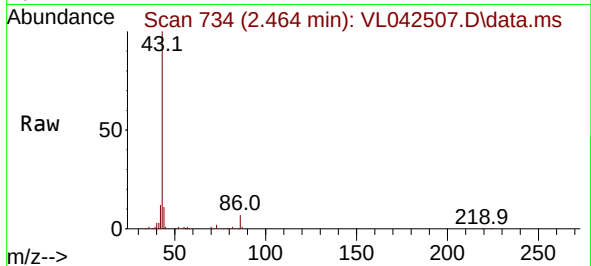




#23
 Vinyl Acetate
 Concen: 2.511 ppbv
 RT: 2.464 min Scan# 718
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

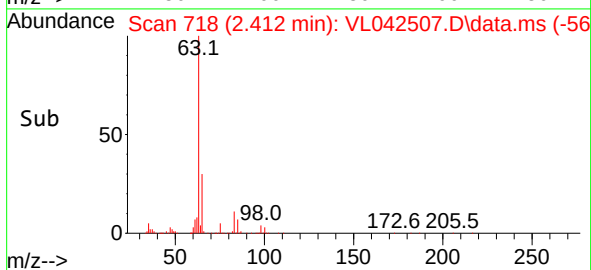
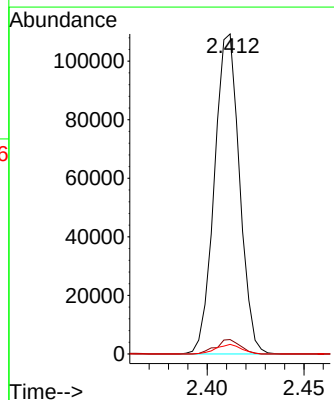
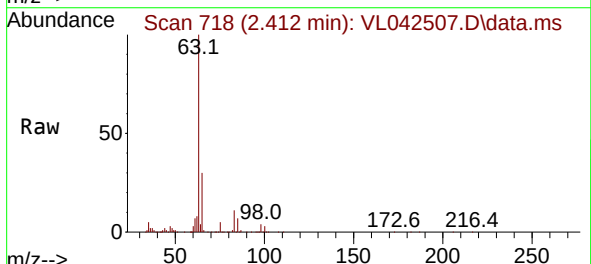
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

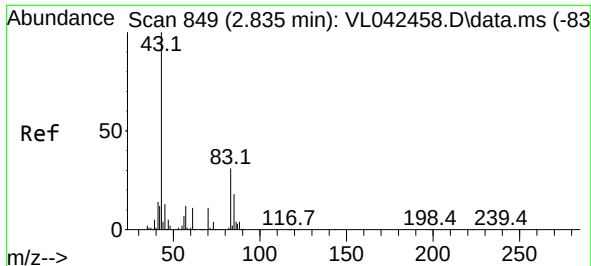
Tgt Ion: 43	Resp: 32021
Ion Ratio	Lower Upper
43 100	
86 7.5	5.5 8.3
42 11.3	8.3 12.5
44 6.1	4.6 7.0



#24
 1,1-Dichloroethane
 Concen: 9.919 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 63	Resp: 98492
Ion Ratio	Lower Upper
63 100	
98 4.5	1.8 5.5
100 3.0	1.4 4.2



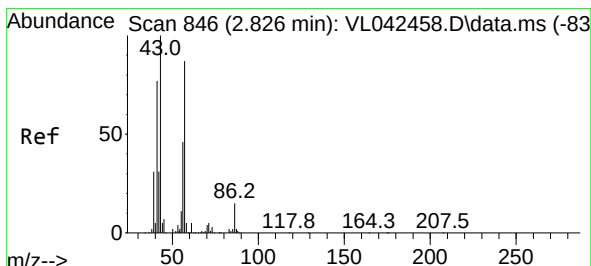
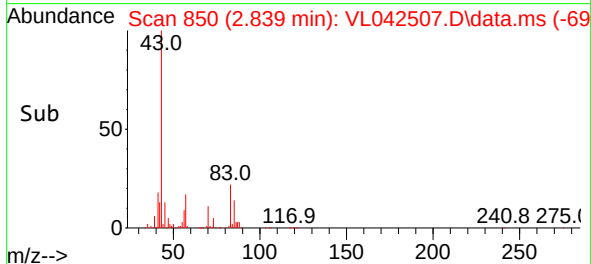
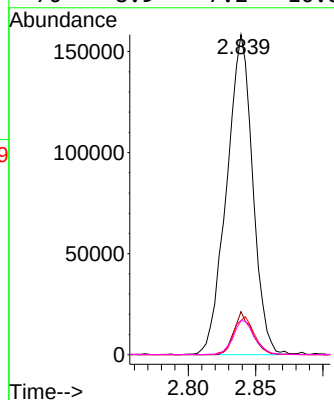
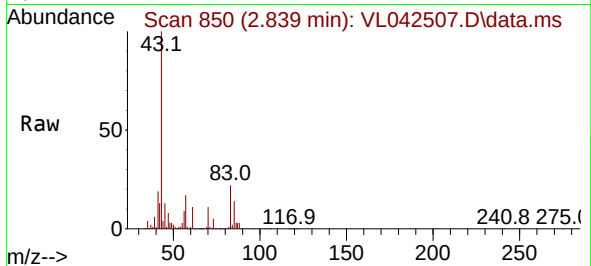


#25
Ethyl Acetate
Concen: 9.952 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 212926

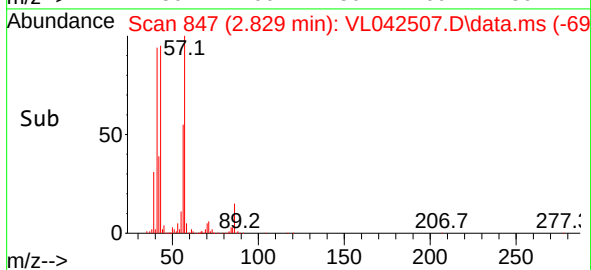
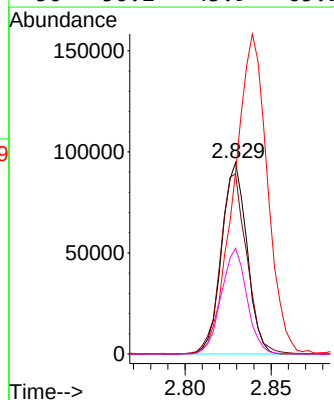
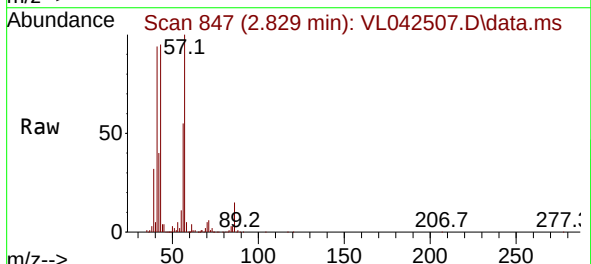
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.8	11.6
61	9.5	7.2	10.8
70	8.9	7.2	10.8

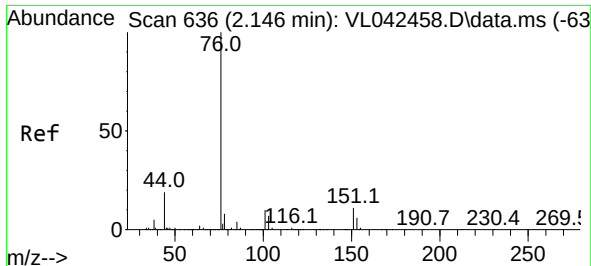


#26
Hexane
Concen: 10.346 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 57 Resp: 96439

Ion	Ratio	Lower	Upper
57	100		
41	99.2	77.8	116.8
43	222.5	187.0	280.6
56	56.2	43.9	65.9

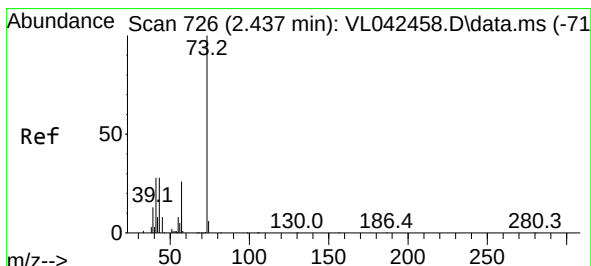
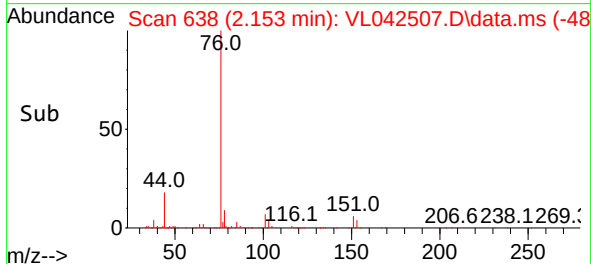
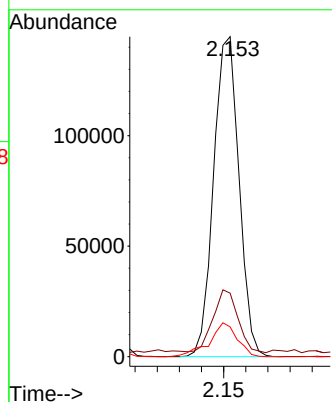
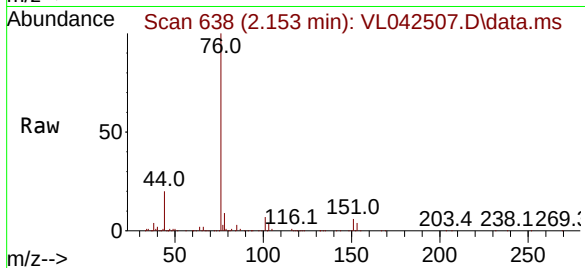




#27
Carbon Disulfide
Concen: 10.602 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

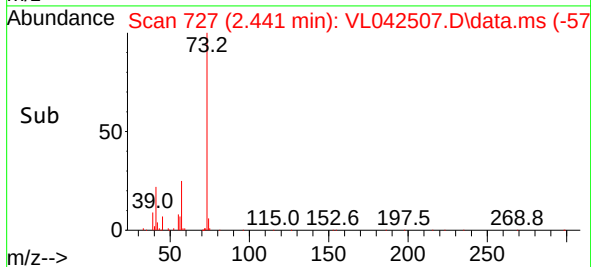
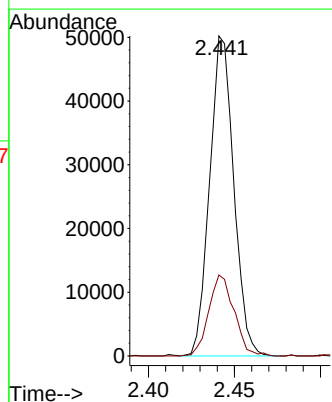
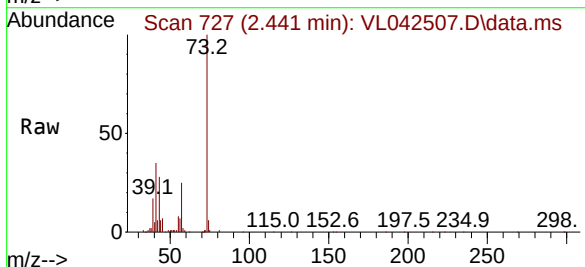
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

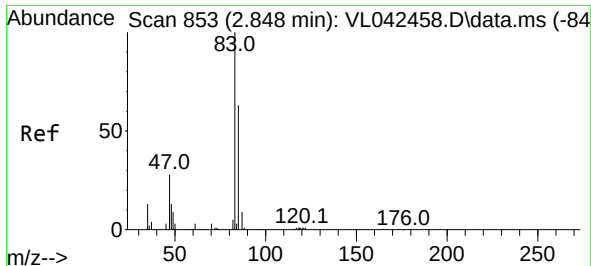
Tgt Ion: 76 Resp: 115323
Ion Ratio Lower Upper
76 100
44 22.5 21.0 31.6
78 11.7 8.6 13.0



#28
Methyl tert-Butyl Ether
Concen: 8.733 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 73 Resp: 48903
Ion Ratio Lower Upper
73 100
57 26.7 19.9 29.9





#29

Chloroform

Concen: 10.452 ppbv

RT: 2.852 min Scan# 853

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_1

ClientSampleId :

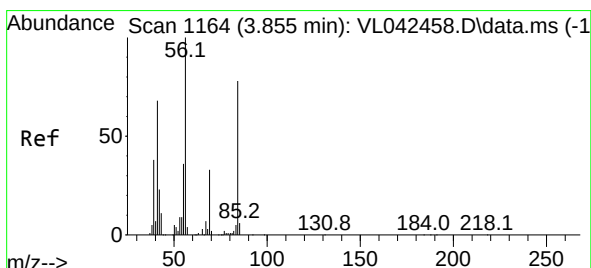
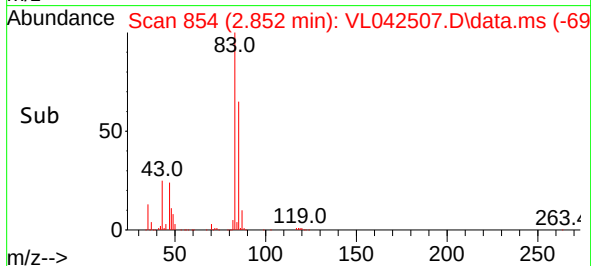
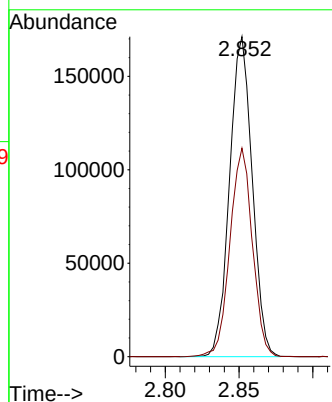
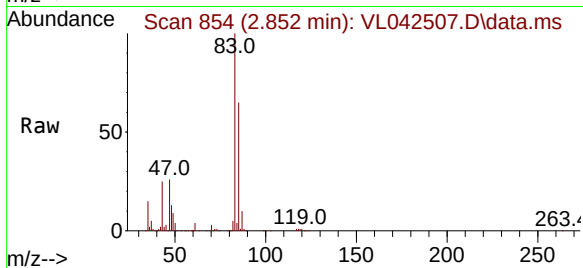
VSTDCCC010EC

Tgt Ion: 83 Resp: 182569

Ion Ratio Lower Upper

83 100

85 65.1 50.4 75.6



#30

Cyclohexane

Concen: 10.145 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

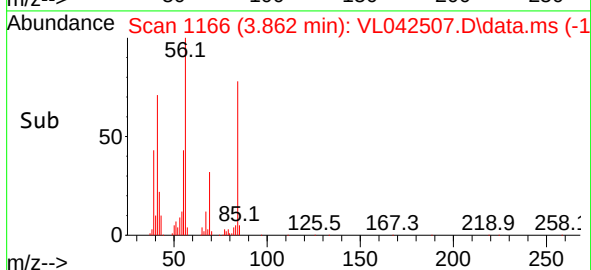
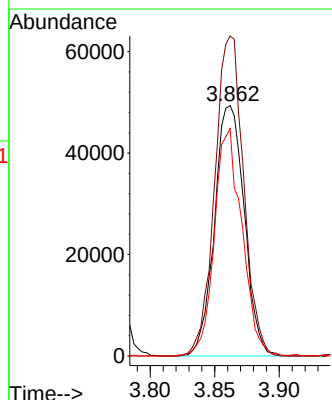
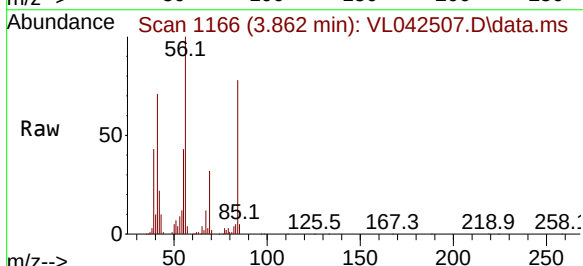
Tgt Ion: 84 Resp: 79058

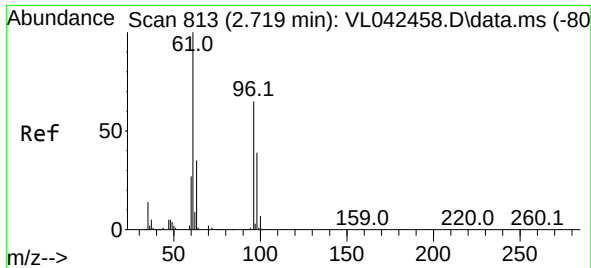
Ion Ratio Lower Upper

84 100

56 123.9 98.1 147.1

41 84.1 65.8 98.8

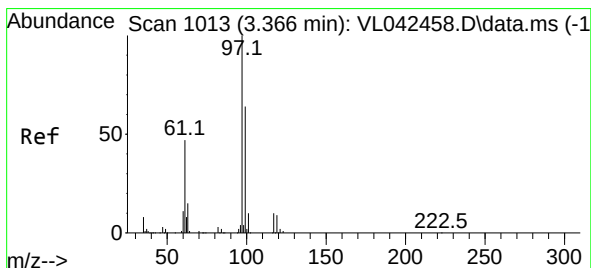
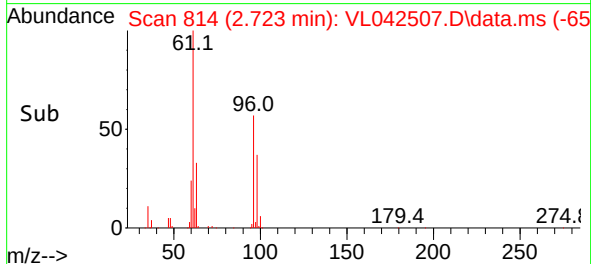
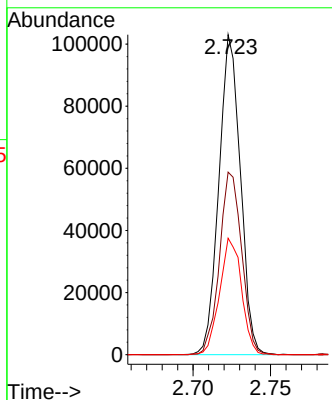
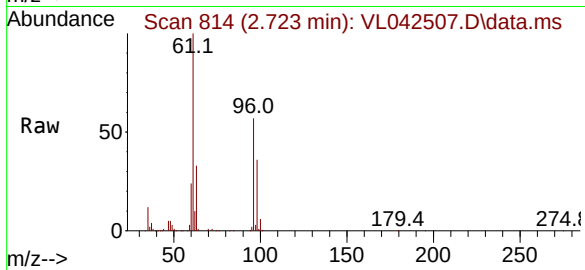




#31
 cis-1,2-Dichloroethene
 Concen: 9.145 ppbv
 RT: 2.723 min Scan# 813
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

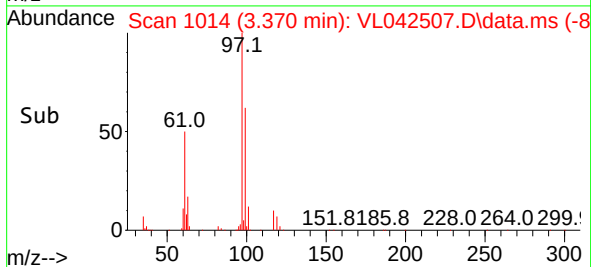
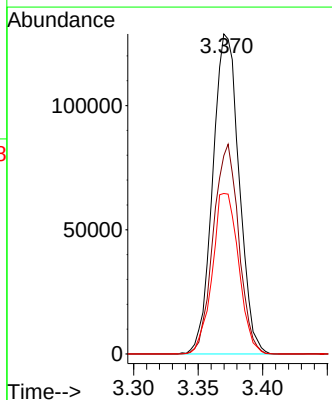
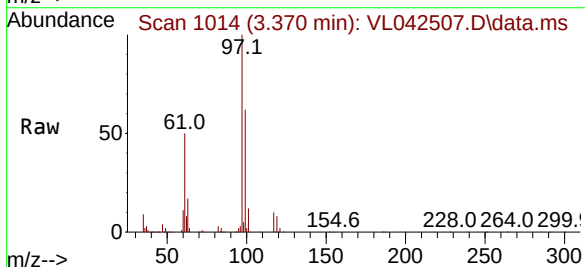
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

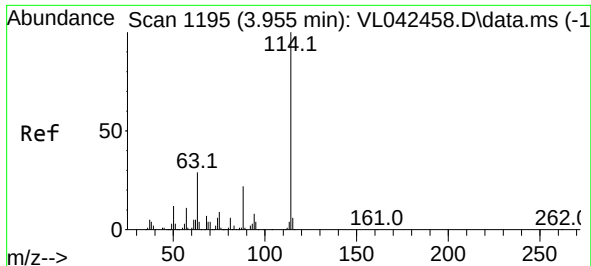
Tgt Ion: 61 Resp: 99450
 Ion Ratio Lower Upper
 61 100
 96 57.0 52.0 78.0
 98 36.4 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 9.651 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 97 Resp: 182895
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.7 76.1
 61 50.2 40.9 61.3

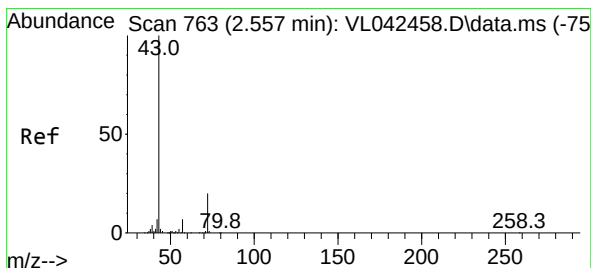
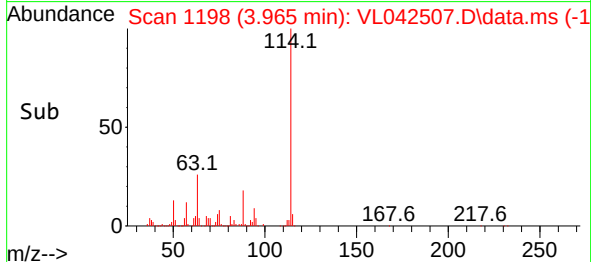
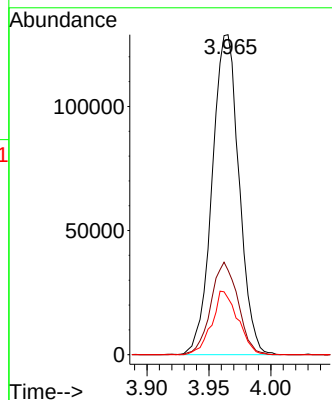
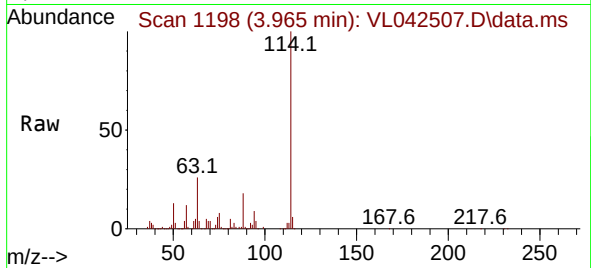




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1195
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

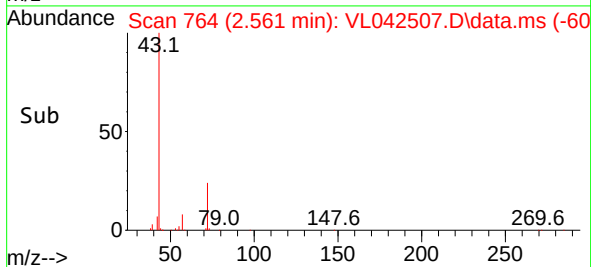
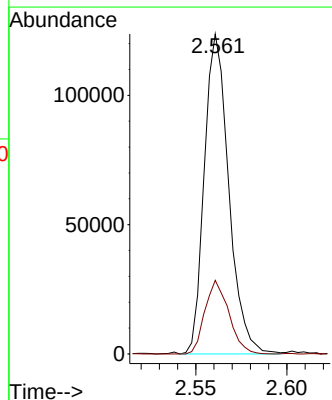
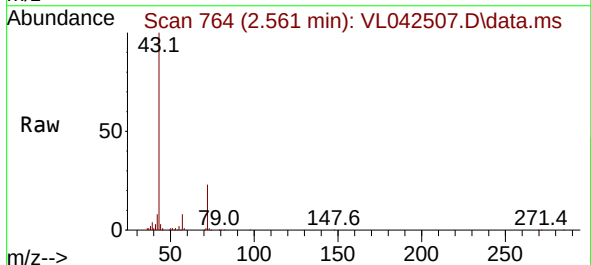
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

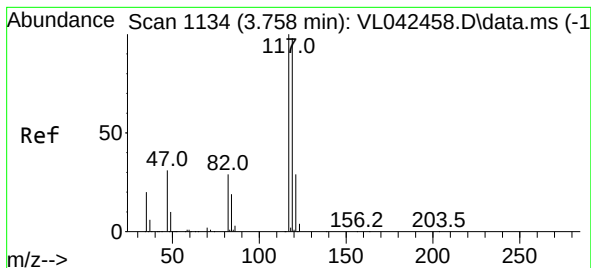
Tgt Ion:114 Resp: 194975
Ion Ratio Lower Upper
114 100
63 29.2 23.1 34.7
88 19.3 16.1 24.1



#34
2-Butanone
Concen: 8.214 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 43 Resp: 115840
Ion Ratio Lower Upper
43 100
72 22.7 16.7 25.1





#35

Carbon Tetrachloride

Concen: 10.710 ppbv

RT: 3.765 min Scan# 1136

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

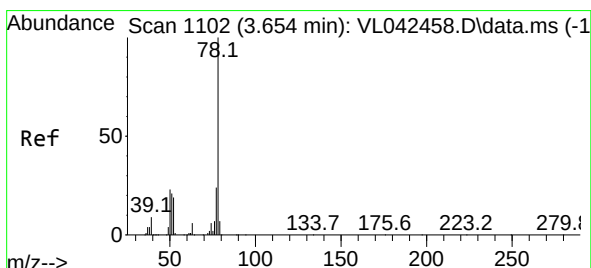
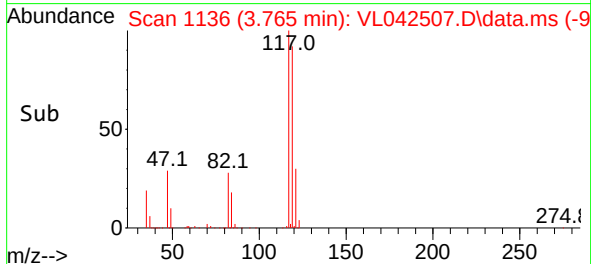
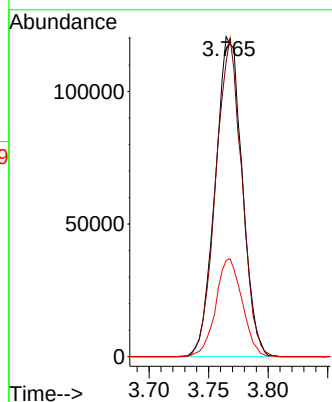
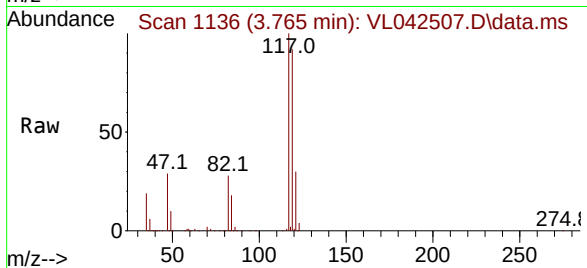
Tgt Ion:117 Resp: 189683

Ion Ratio Lower Upper

117 100

119 92.2 78.1 117.1

121 30.1 23.0 34.6



#36

Benzene

Concen: 10.422 ppbv

RT: 3.658 min Scan# 1103

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

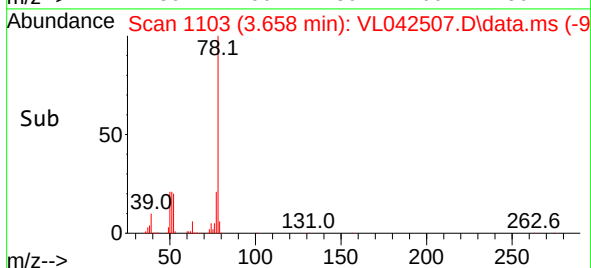
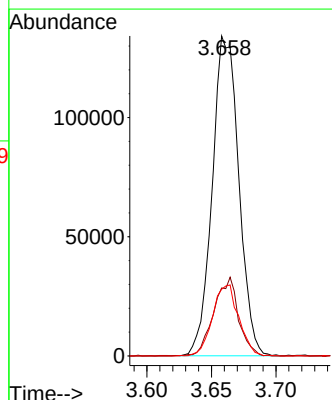
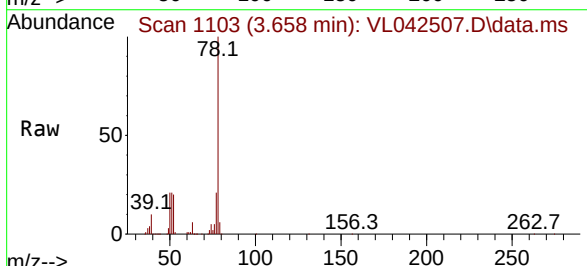
Tgt Ion: 78 Resp: 191758

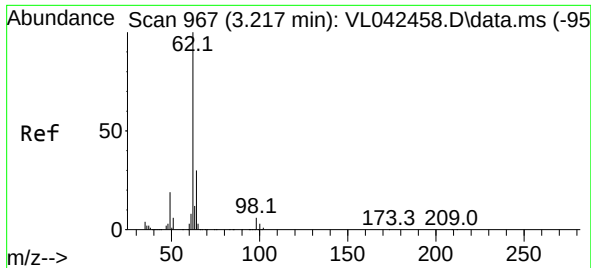
Ion Ratio Lower Upper

78 100

77 21.2 18.9 28.3

50 20.9 18.4 27.6

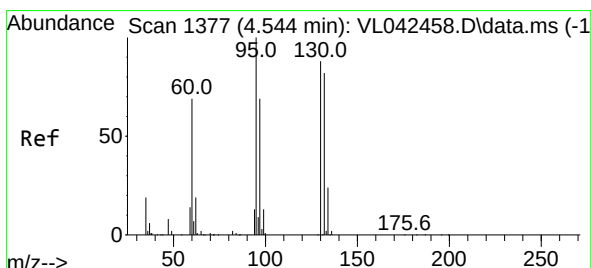
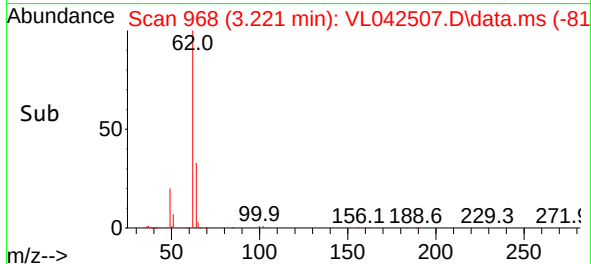
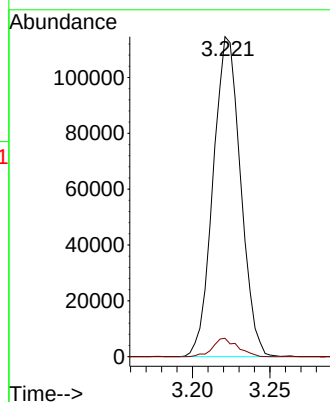
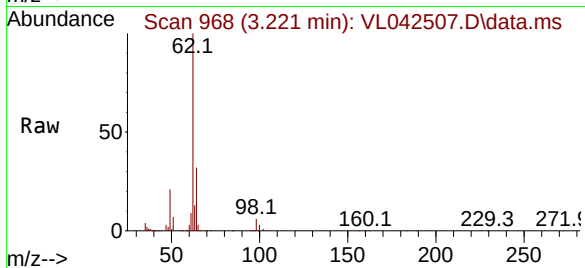




#37
1,2-Dichloroethane
Concen: 9.978 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

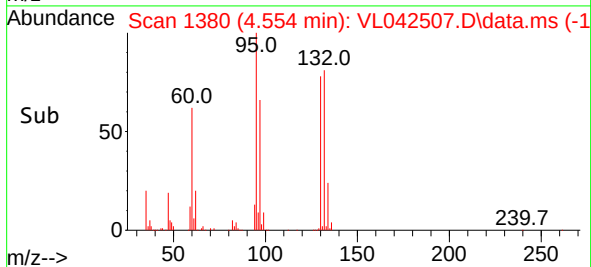
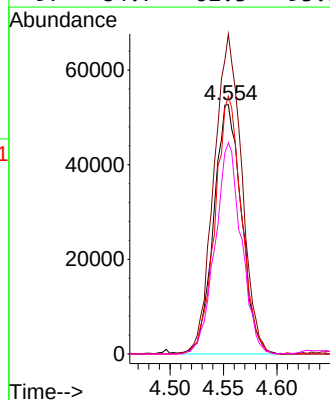
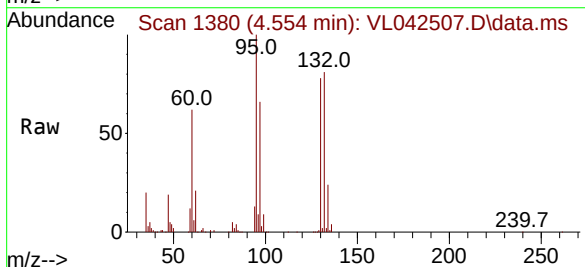
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

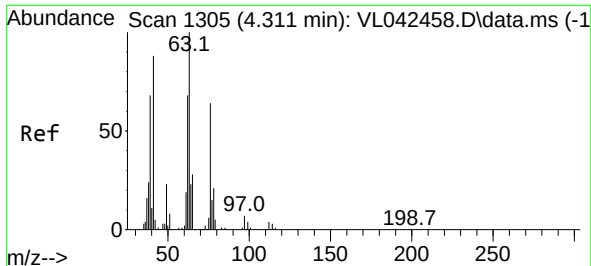
Tgt Ion: 62 Resp: 141496
Ion Ratio Lower Upper
62 100
98 5.2 4.3 6.5



#38
Trichloroethene
Concen: 13.601 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:130 Resp: 95431
Ion Ratio Lower Upper
130 100
95 128.4 91.0 136.4
132 103.4 74.2 111.4
97 84.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.048 ppbv

RT: 4.318 min Scan# 1305

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

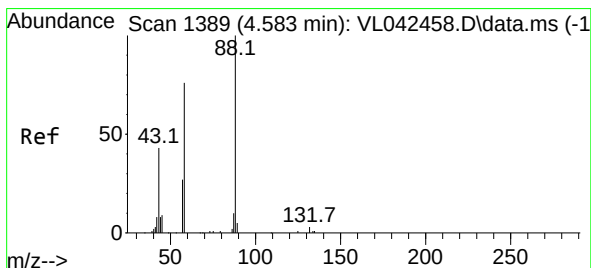
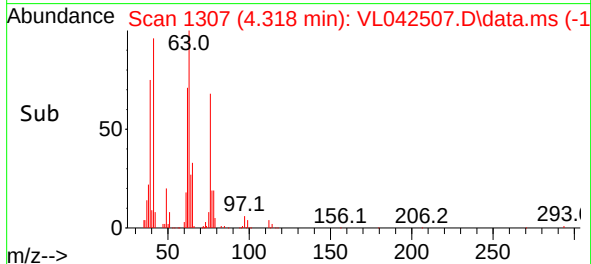
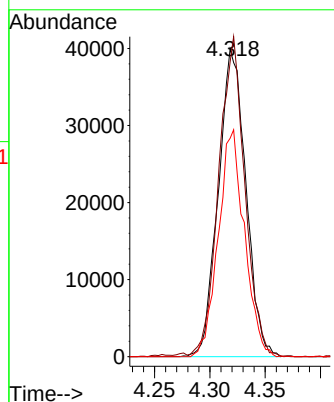
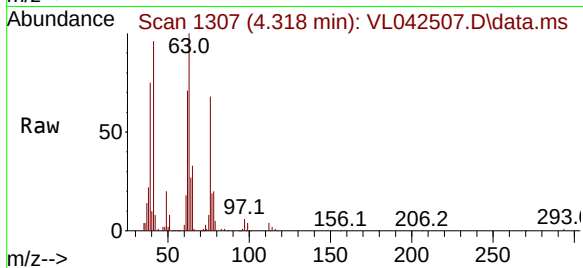
Tgt Ion: 63 Resp: 69212

Ion Ratio Lower Upper

63 100

41 95.4 69.8 104.6

62 71.0 54.3 81.5



#40

1,4-Dioxane

Concen: 6.901 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Tgt Ion: 88 Resp: 22259

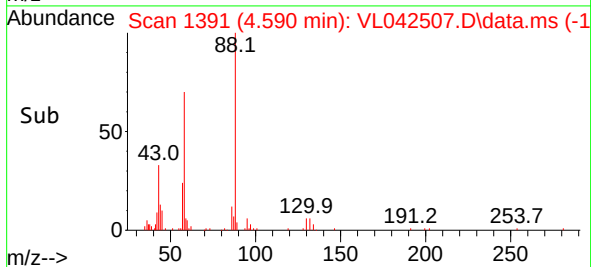
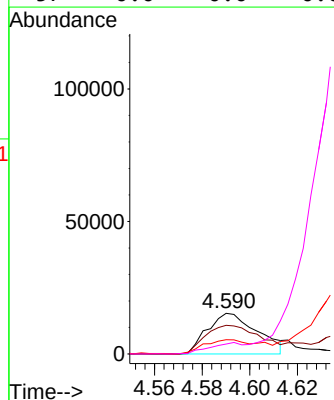
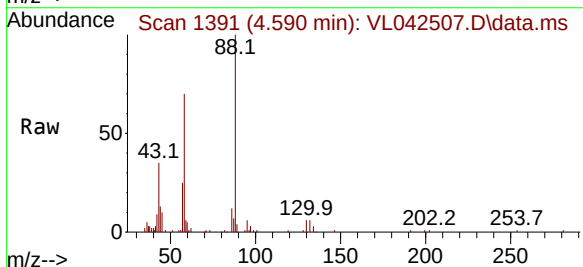
Ion Ratio Lower Upper

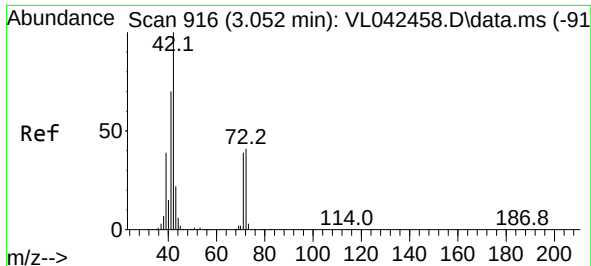
88 100

58 85.3 0.0 0.0#

43 39.8 0.0 0.0#

57 0.0 0.0 0.0

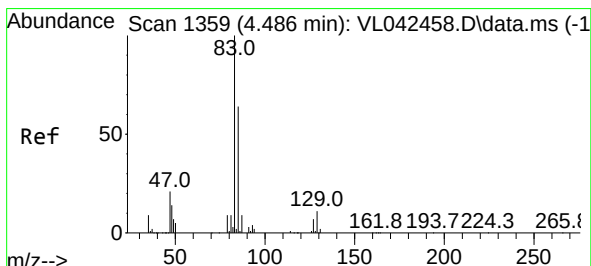
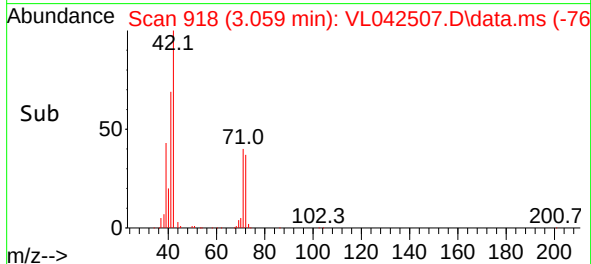
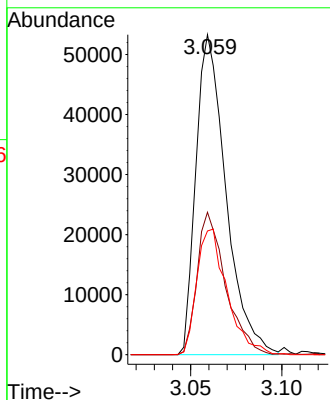
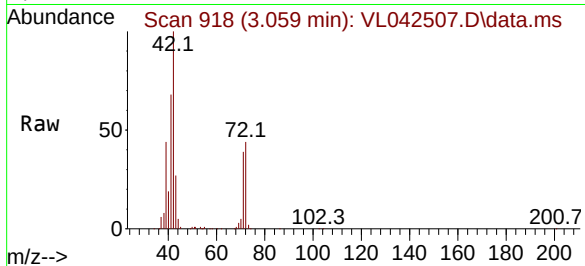




#41
Tetrahydrofuran
Concen: 9.137 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

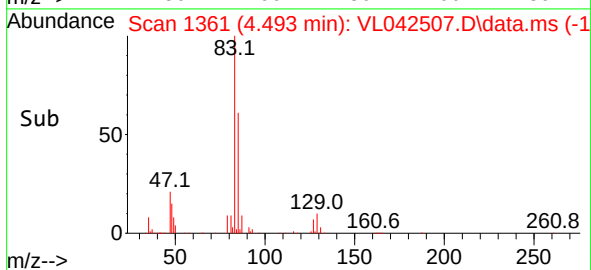
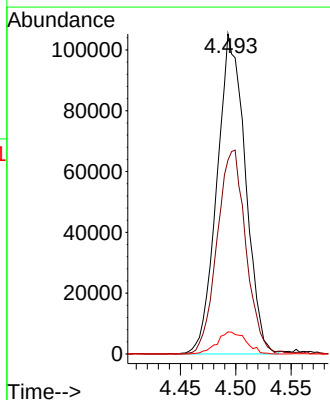
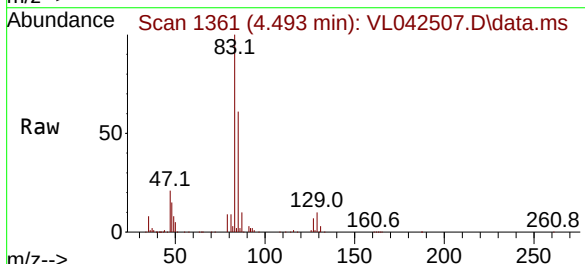
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

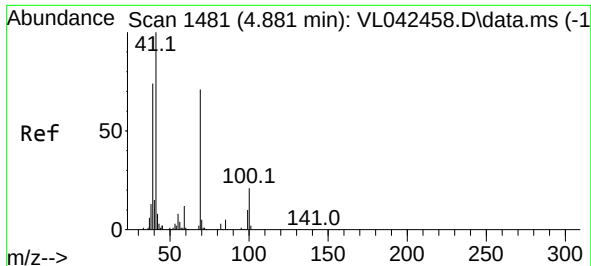
Tgt Ion: 42 Resp: 61236
Ion Ratio Lower Upper
42 100
72 42.5 33.5 50.3
71 39.6 32.6 49.0



#42
Bromodichloromethane
Concen: 10.850 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 83 Resp: 187995
Ion Ratio Lower Upper
83 100
85 60.6 51.5 77.3
127 6.9 5.4 8.2

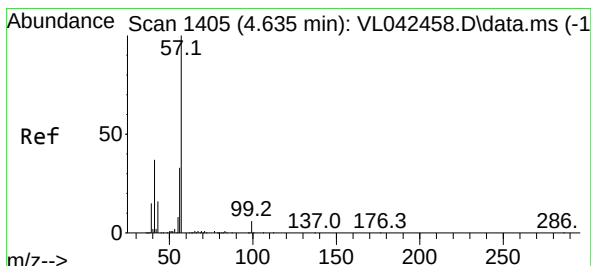
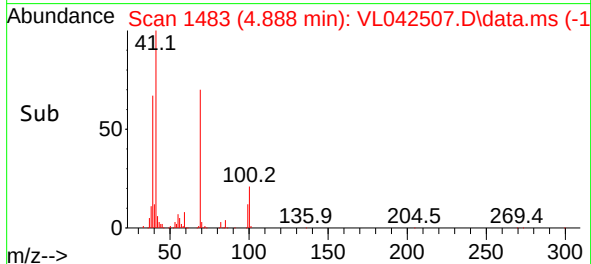
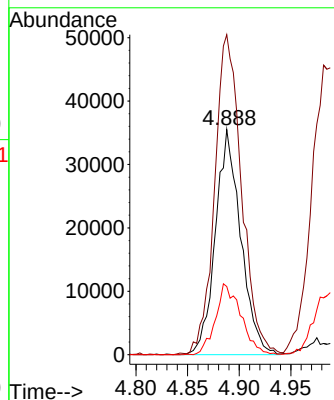
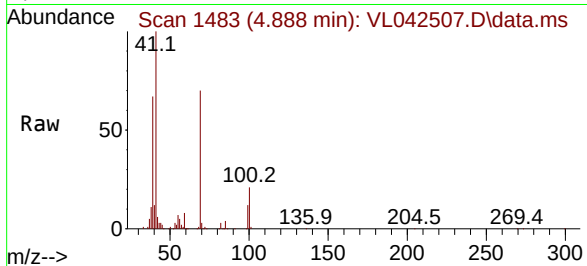




#43
Methyl Methacrylate
Concen: 8.822 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

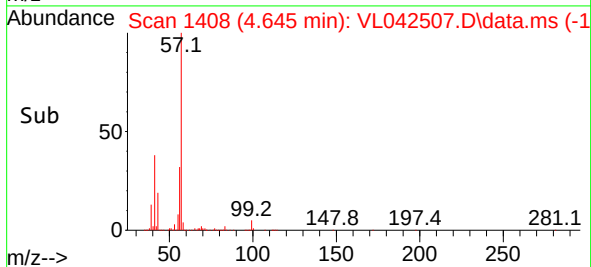
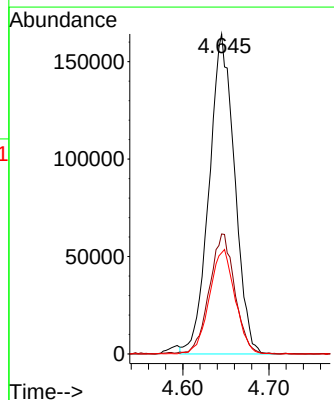
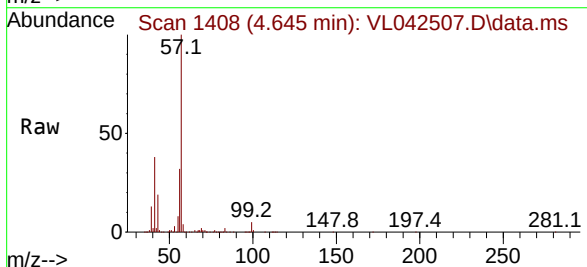
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

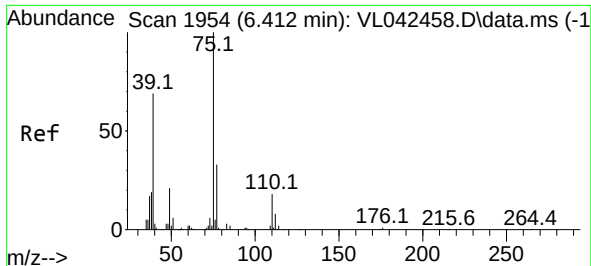
Tgt Ion: 69 Resp: 60569
Ion Ratio Lower Upper
69 100
41 151.1 120.8 181.2
100 31.7 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 11.317 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 57 Resp: 337514
Ion Ratio Lower Upper
57 100
41 37.7 30.6 45.8
56 33.0 25.0 37.6

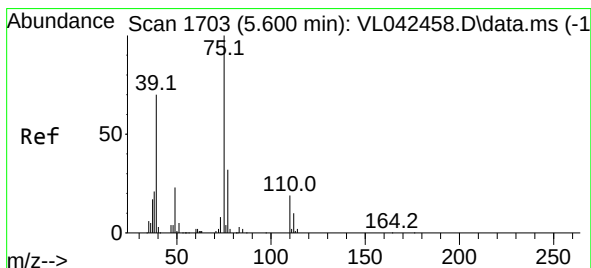
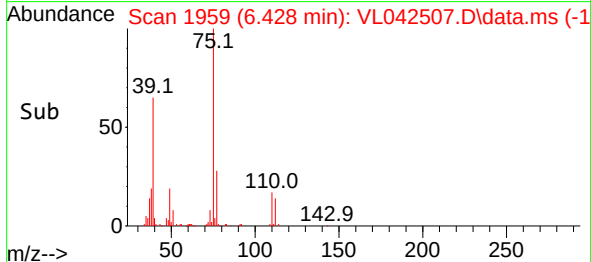
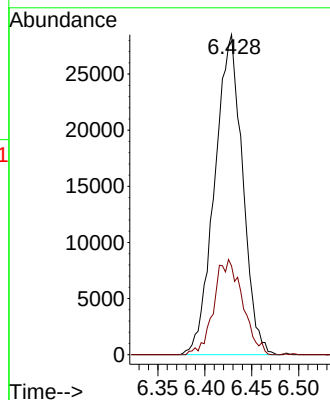
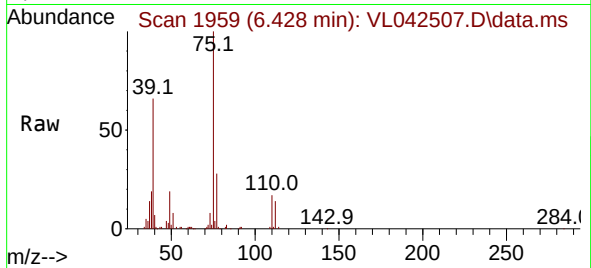




#45
 t-1,3-Dichloropropene
 Concen: 6.545 ppbv
 RT: 6.428 min Scan# 1954
 Delta R.T. 0.017 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

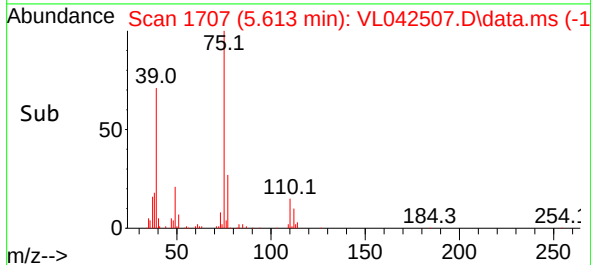
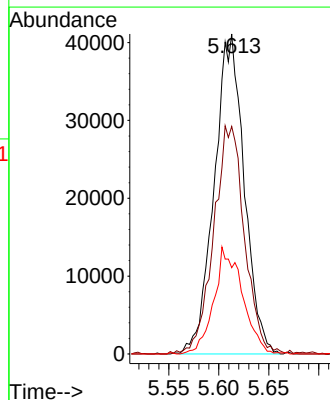
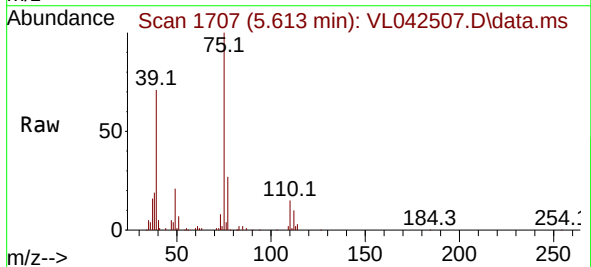
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

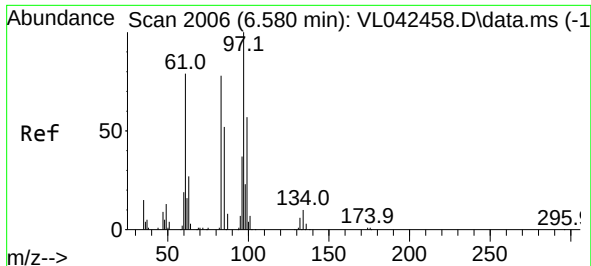
Tgt Ion: 75 Resp: 58954
 Ion Ratio Lower Upper
 75 100
 77 27.7 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 8.009 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.013 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 75 Resp: 85745
 Ion Ratio Lower Upper
 75 100
 39 70.5 55.7 83.5
 77 26.9 25.8 38.8

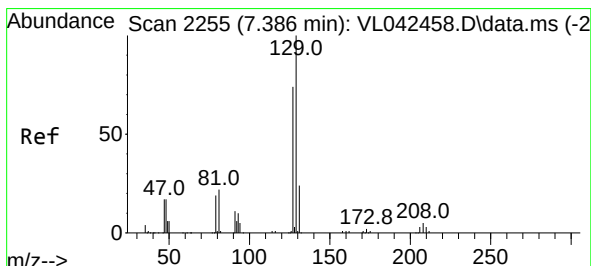
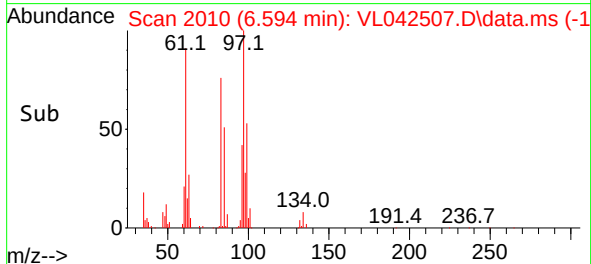
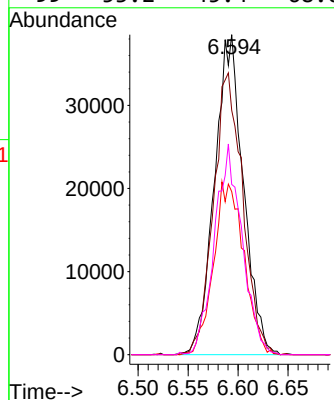
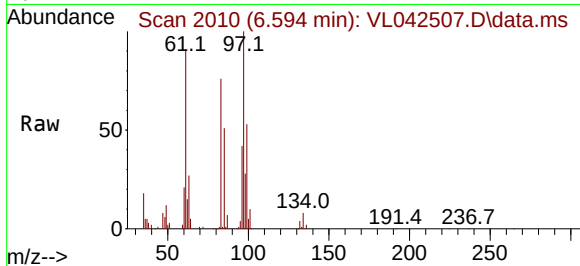




#47
1,1,2-Trichloroethane
Concen: 10.251 ppbv
RT: 6.594 min Scan# 2006
Delta R.T. 0.013 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

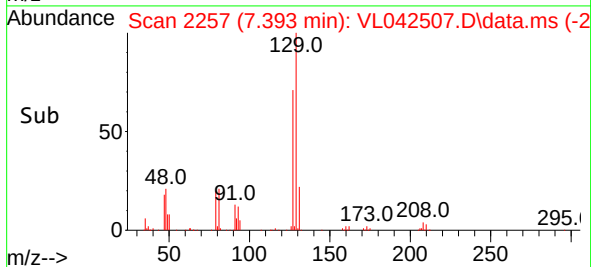
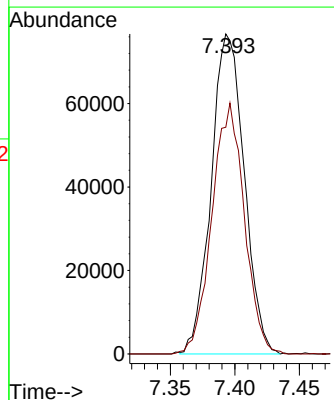
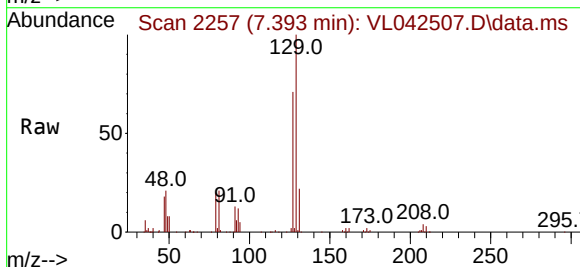
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

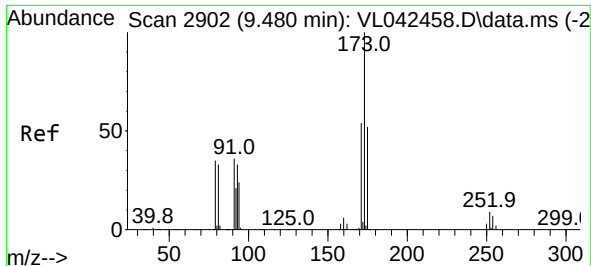
Tgt Ion: 97	Resp: 77438
Ion Ratio	Lower Upper
97 100	
83 76.4	62.2 93.2
85 50.9	41.5 62.3
99 53.2	45.4 68.0



#48
Dibromochloromethane
Concen: 10.709 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:129	Resp: 136576
Ion Ratio	Lower Upper
129 100	
127 76.8	39.5 118.5

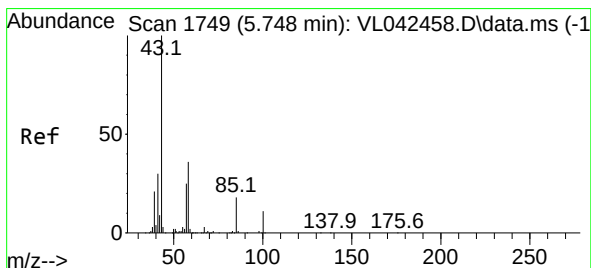
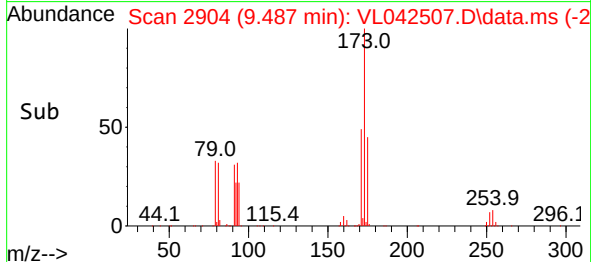
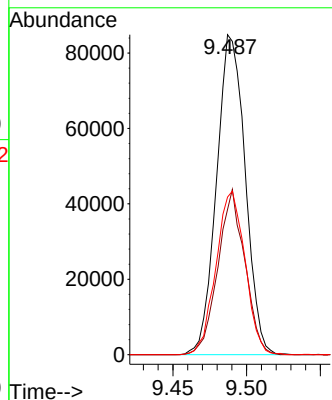
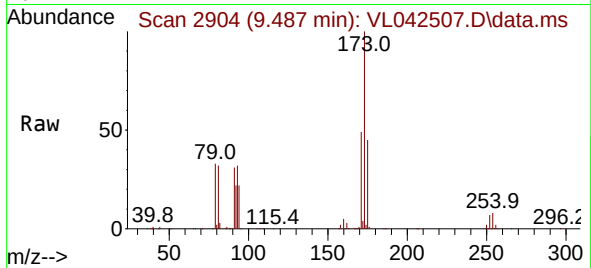




#49
Bromoform
Concen: 10.733 ppbv
RT: 9.487 min Scan# 2902
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

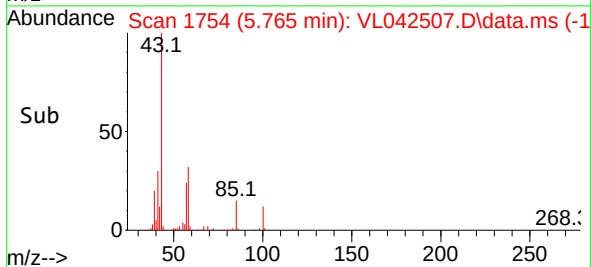
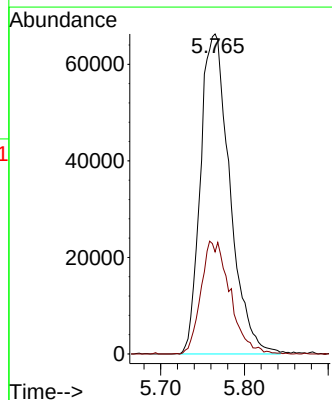
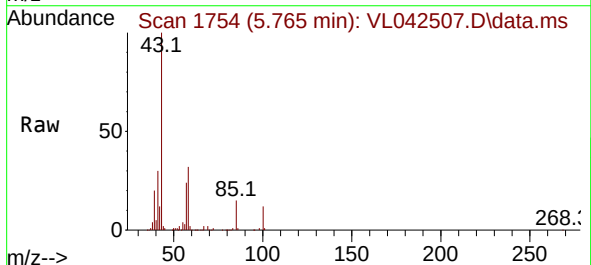
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

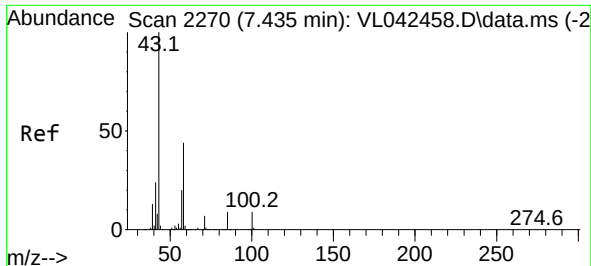
Tgt Ion:173 Resp: 114796
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
171 51.8 40.6 60.8



#50
4-Methyl-2-Pentanone
Concen: 9.037 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.017 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 43 Resp: 161206
Ion Ratio Lower Upper
43 100
58 35.1 29.5 44.3

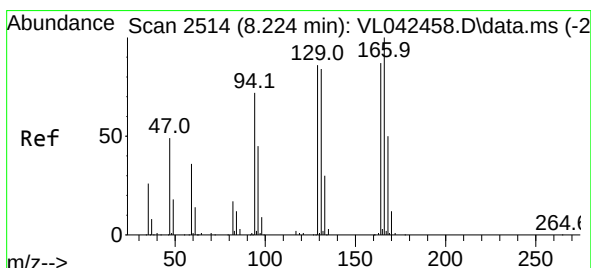
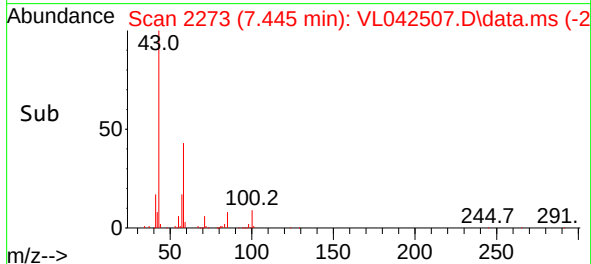
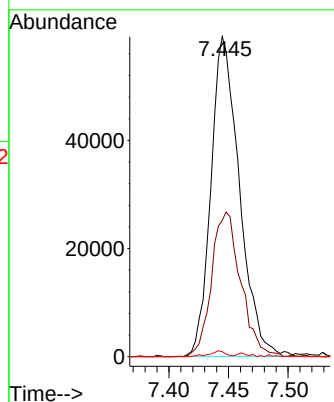
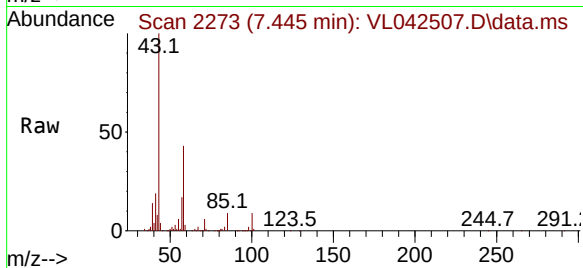




#51
2-Hexanone
Concen: 6.874 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

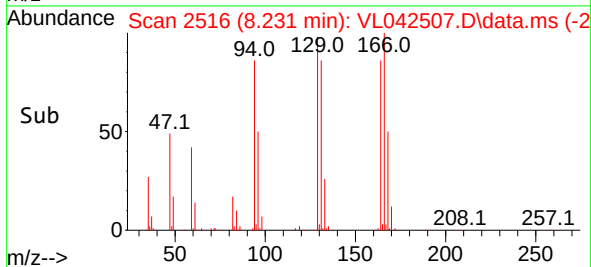
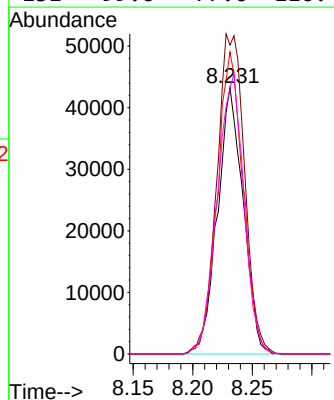
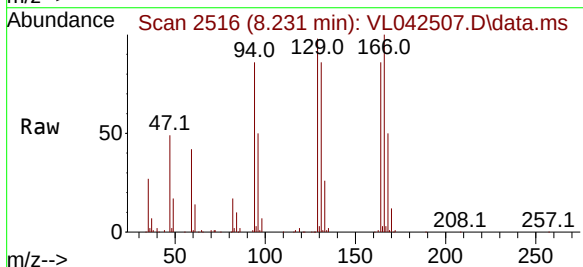
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

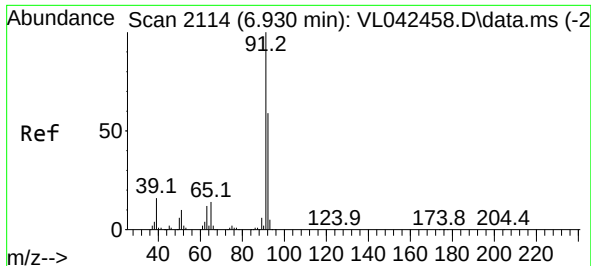
Tgt Ion: 43 Resp: 98036
Ion Ratio Lower Upper
43 100
58 46.5 37.2 55.8
98 1.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 9.281 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 164 Resp: 65001
Ion Ratio Lower Upper
164 100
166 115.9 91.6 137.4
129 113.4 79.0 118.4
131 99.6 77.6 116.4

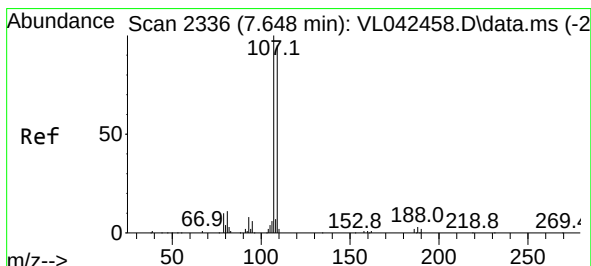
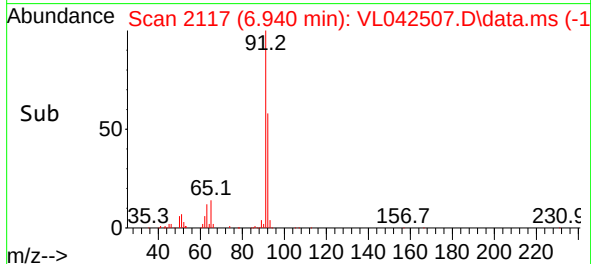
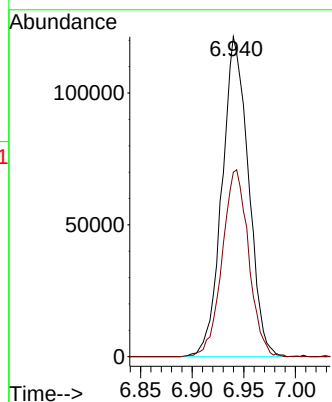
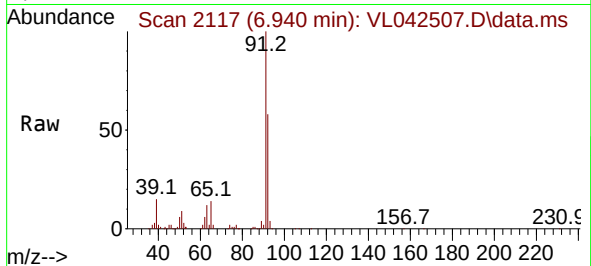




#53
Toluene
Concen: 11.083 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

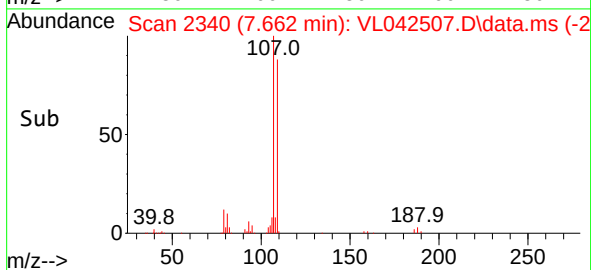
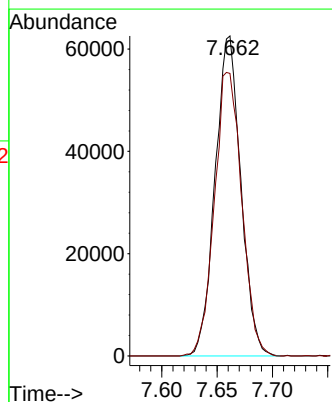
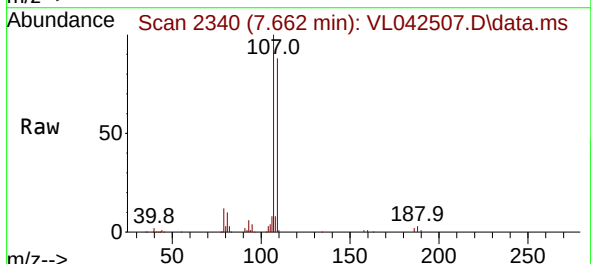
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

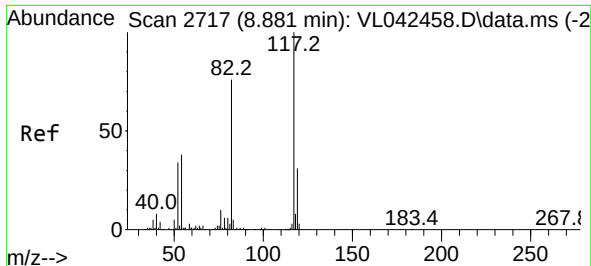
Tgt Ion: 91 Resp: 215839
Ion Ratio Lower Upper
91 100
92 58.7 47.9 71.9



#54
1,2-Dibromoethane
Concen: 8.762 ppbv
RT: 7.662 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 107 Resp: 101197
Ion Ratio Lower Upper
107 100
109 88.3 76.0 114.0

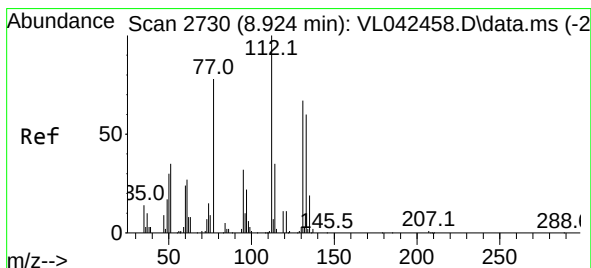
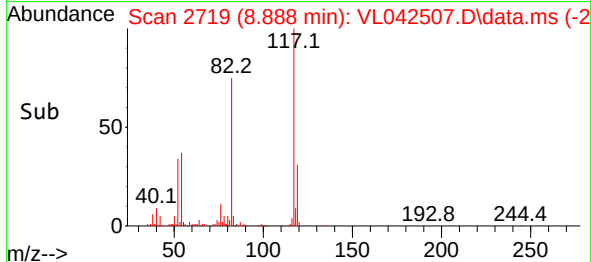
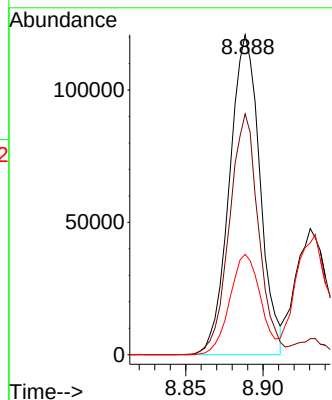
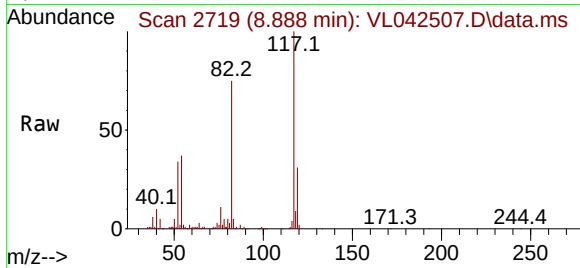




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

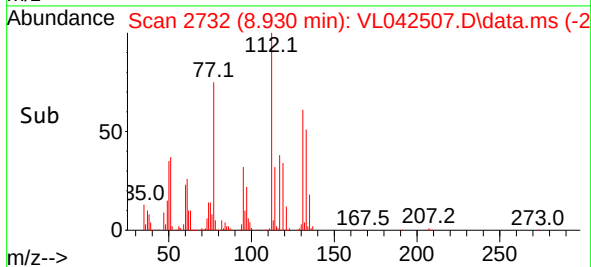
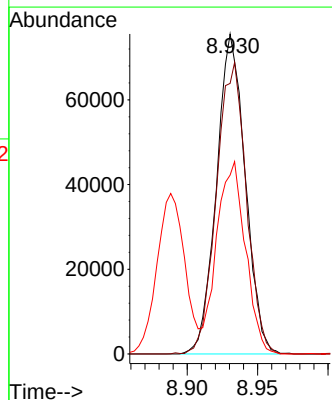
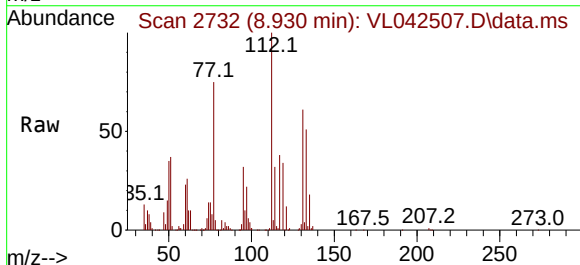
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

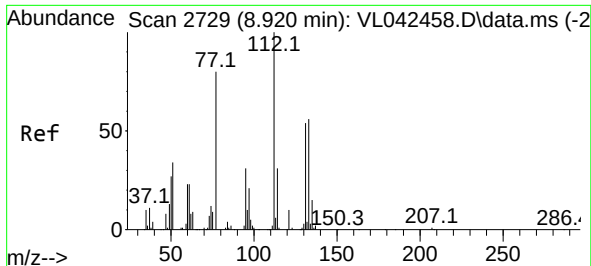
Tgt Ion:117 Resp: 165562
Ion Ratio Lower Upper
117 100
82 77.2 63.5 95.3
119 31.5 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.982 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:131 Resp: 107385
Ion Ratio Lower Upper
131 100
133 94.8 76.0 114.0
119 61.7 46.1 69.1

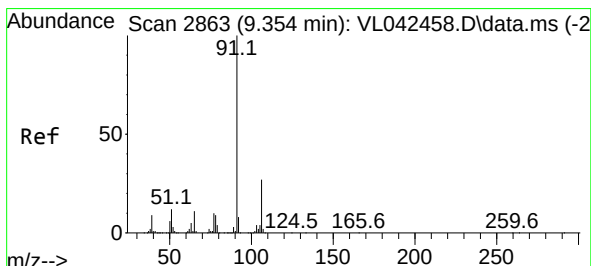
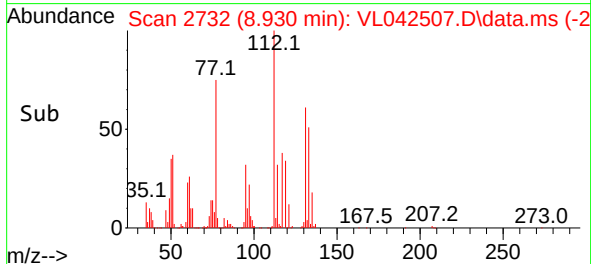
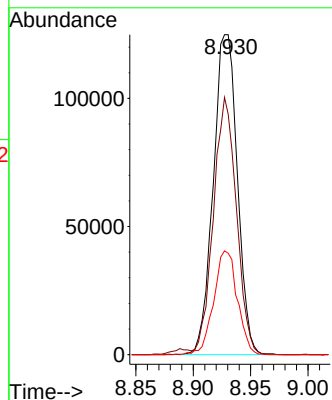
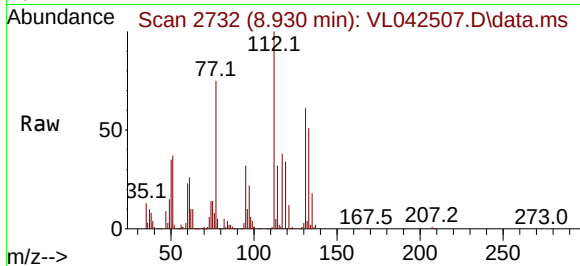




#57
Chlorobenzene
Concen: 10.985 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

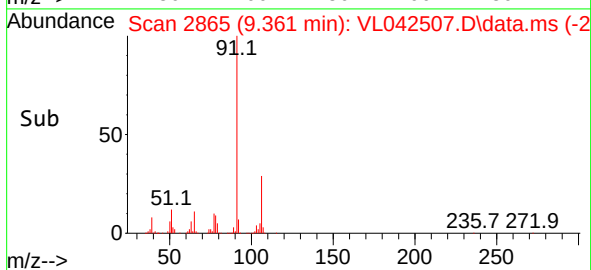
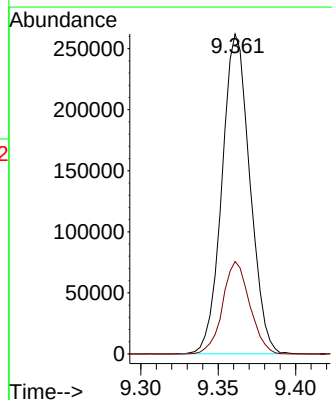
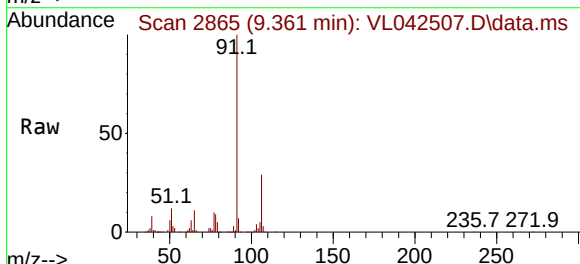
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

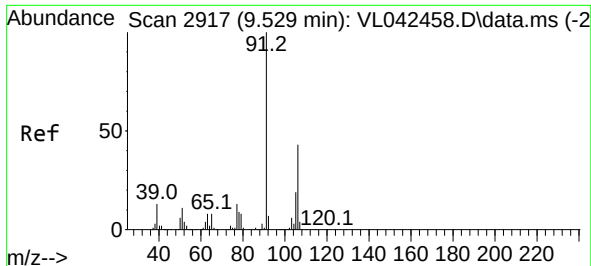
Tgt Ion:112 Resp: 182744
Ion Ratio Lower Upper
112 100
77 75.1 65.0 97.4
114 31.7 27.5 33.7



#58
Ethyl Benzene
Concen: 11.834 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 91 Resp: 327425
Ion Ratio Lower Upper
91 100
106 28.9 21.9 32.9





#59

m/p-Xylene

Concen: 13.419 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

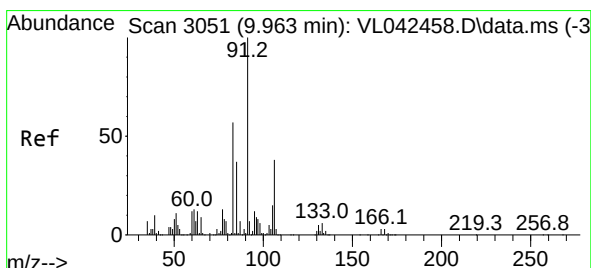
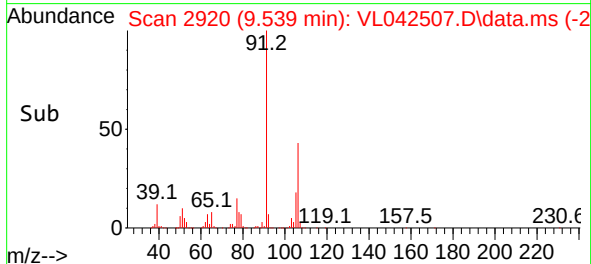
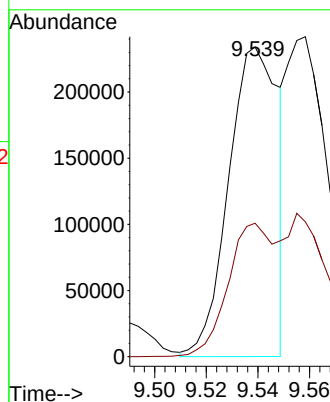
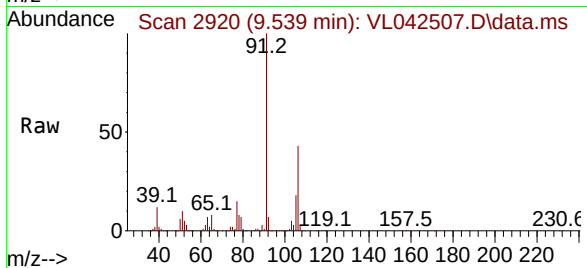
VSTDCCC010EC

Tgt Ion: 91 Resp: 311259

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 12.692 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042507.D

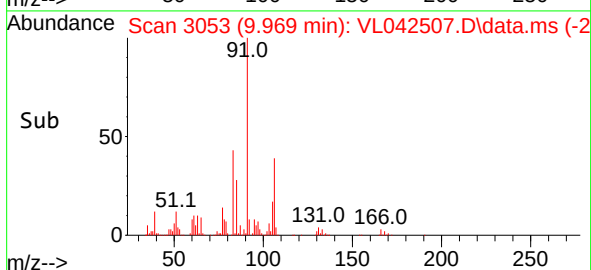
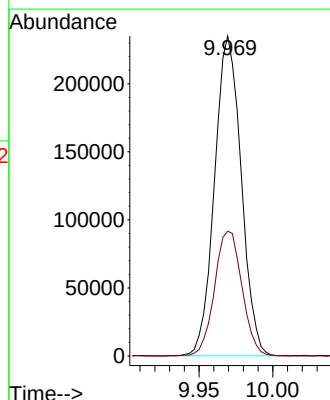
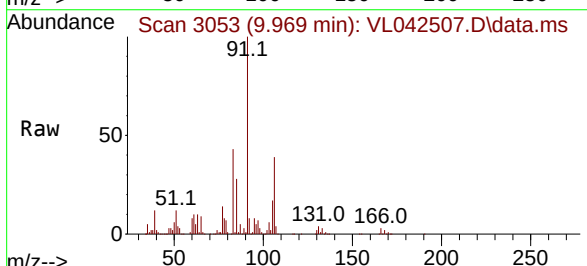
Acq: 06 May 2025 20:45

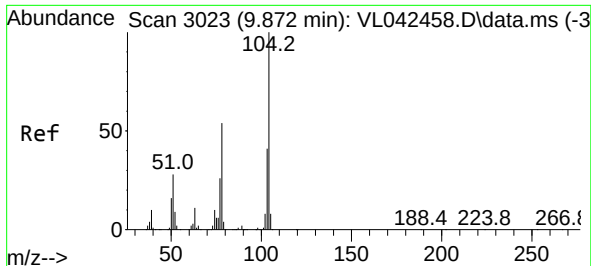
Tgt Ion: 91 Resp: 294752

Ion Ratio Lower Upper

91 100

106 40.3 20.1 60.2

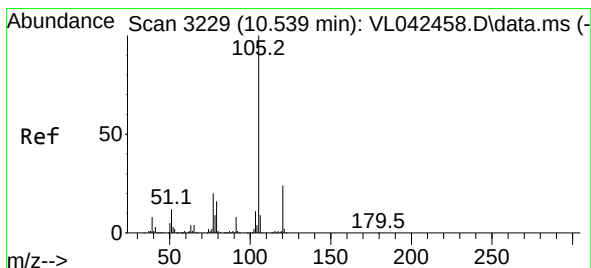
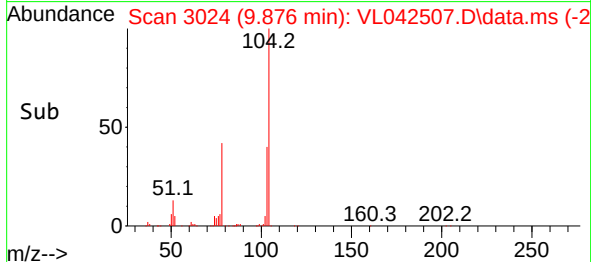
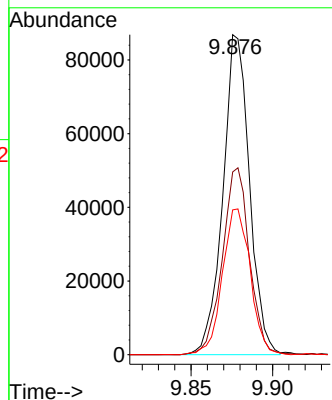
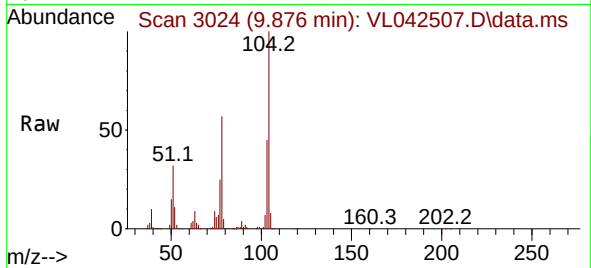




#61
Styrene
Concen: 11.372 ppbv
RT: 9.876 min Scan# 3023
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

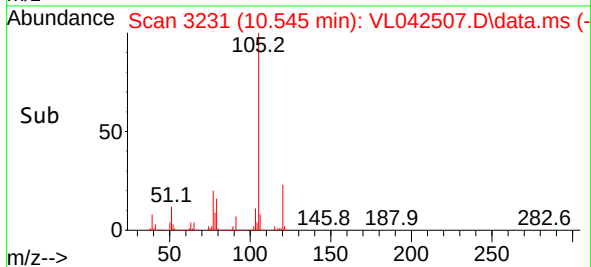
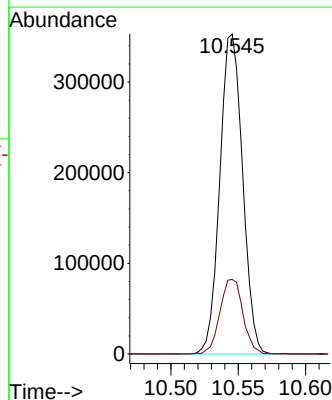
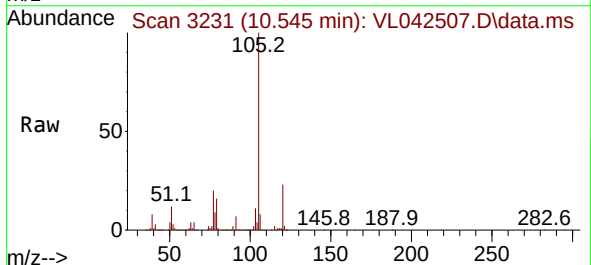
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

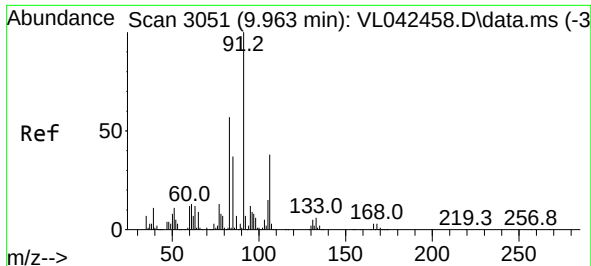
Tgt Ion:104 Resp: 98553
Ion Ratio Lower Upper
104 100
78 59.8 46.9 70.3
103 48.0 36.6 55.0



#62
Isopropylbenzene
Concen: 12.345 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:105 Resp: 413558
Ion Ratio Lower Upper
105 100
120 23.6 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 8.389 ppbv

RT: 9.966 min Scan# 3051

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

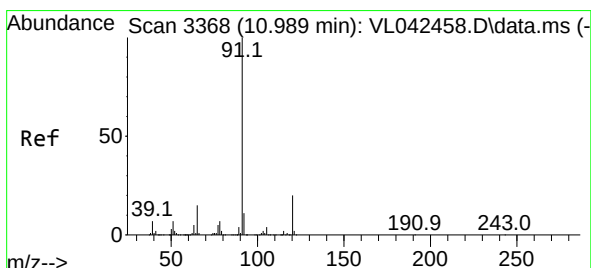
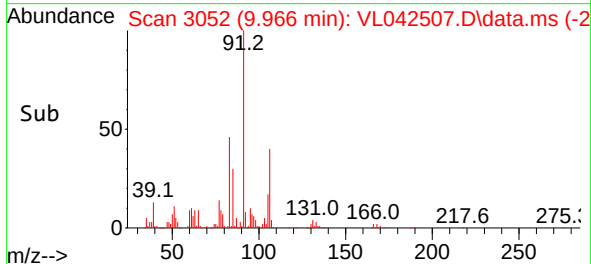
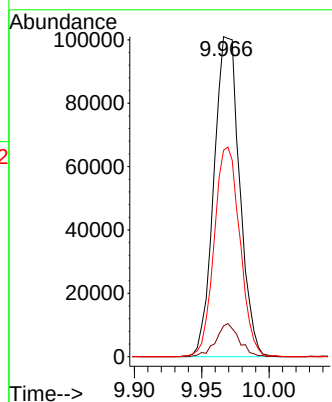
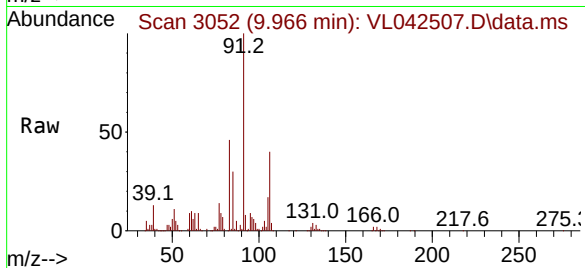
Tgt Ion: 83 Resp: 134322

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

85 65.3 32.5 97.4



#64

n-propylbenzene

Concen: 12.593 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.007 min

Lab File: VL042507.D

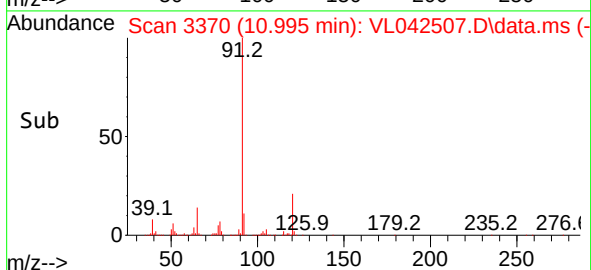
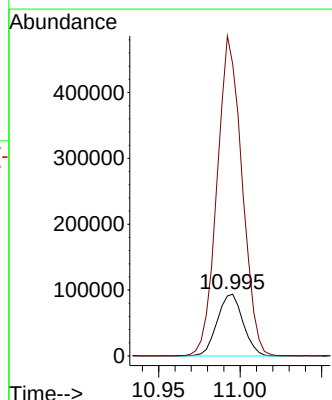
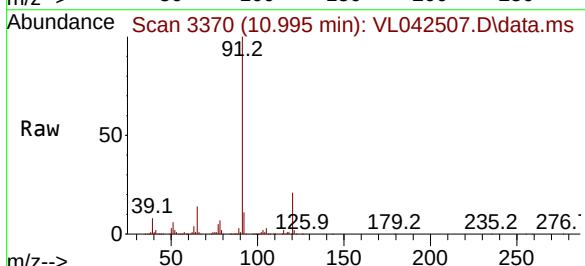
Acq: 06 May 2025 20:45

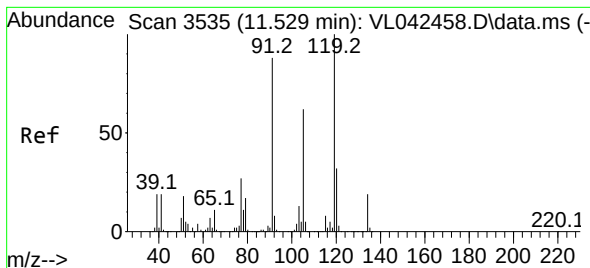
Tgt Ion: 120 Resp: 103102

Ion Ratio Lower Upper

120 100

91 503.9 408.6 612.8

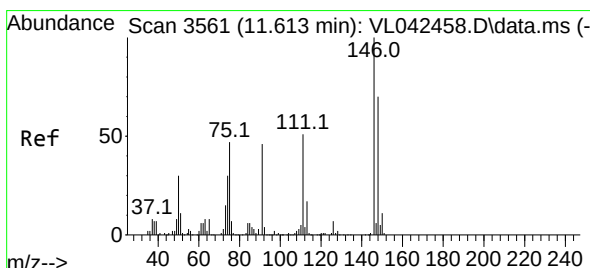
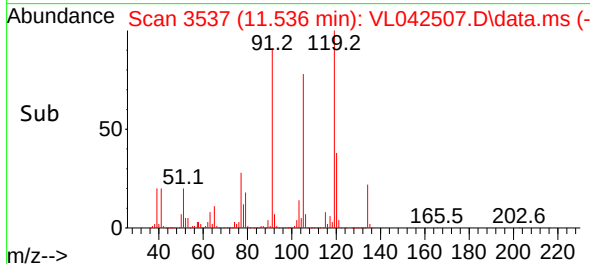
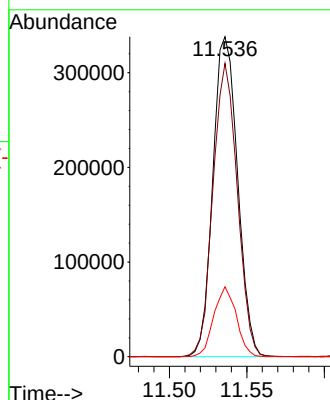
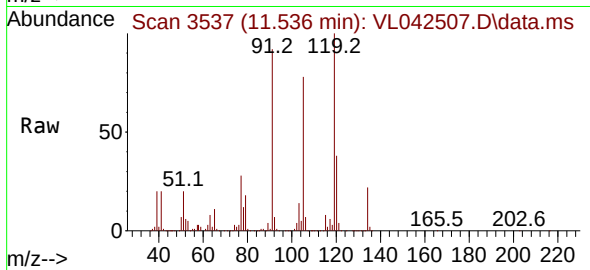




#65
tert-Butylbenzene
Concen: 12.553 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

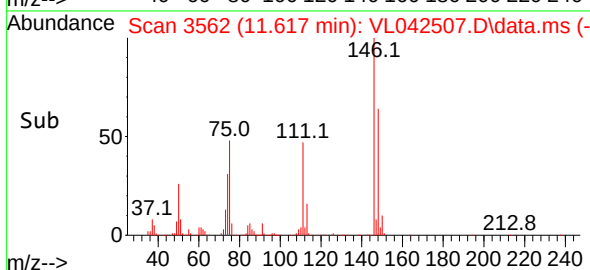
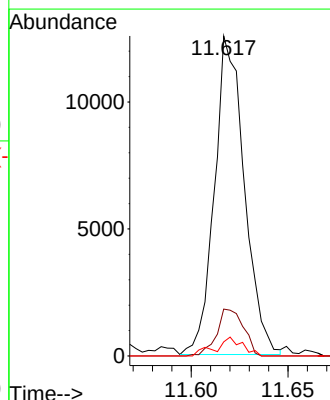
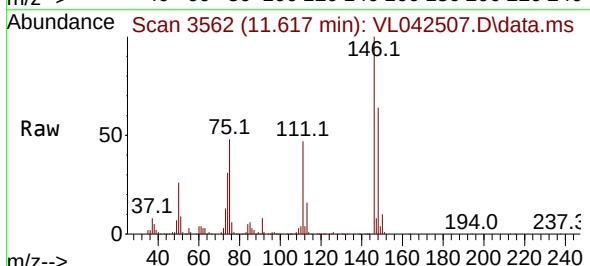
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

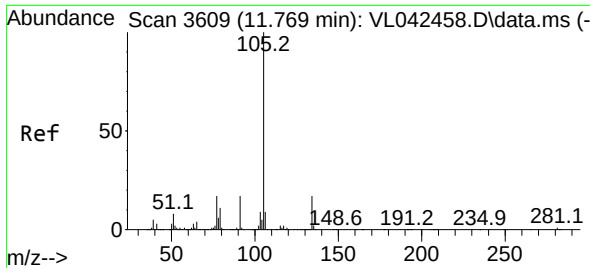
Tgt Ion:119 Resp: 375280
Ion Ratio Lower Upper
119 100
91 90.2 71.6 107.4
134 19.9 15.0 22.4



#66
Benzyl Chloride
Concen: 3.896 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 91 Resp: 13460
Ion Ratio Lower Upper
91 100
126 13.2 13.3 19.9#
128 5.2 4.2 6.4

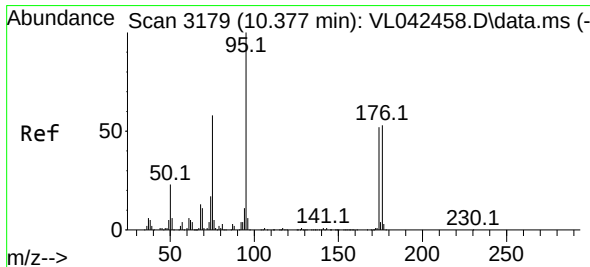
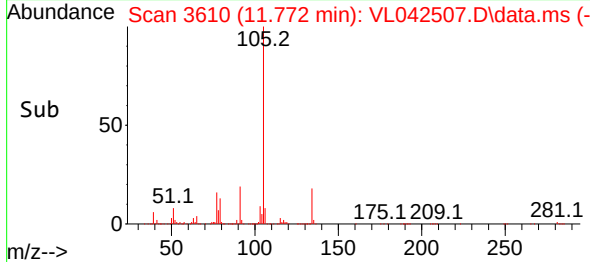
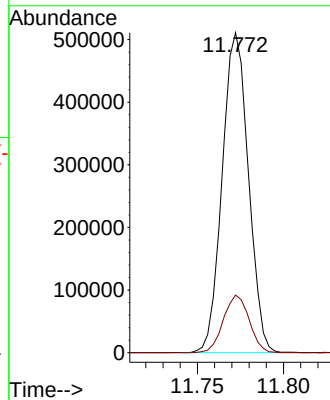
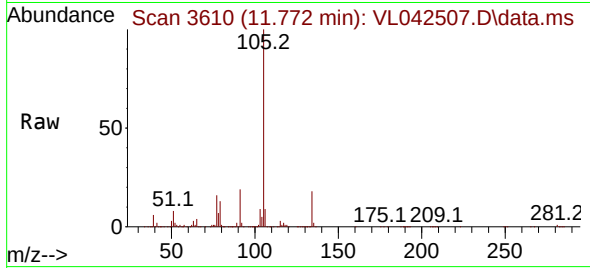




#67
 sec-Butylbenzene
 Concen: 12.743 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

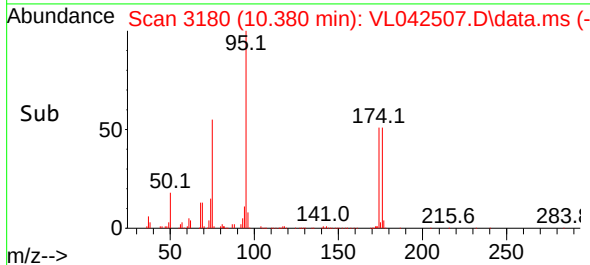
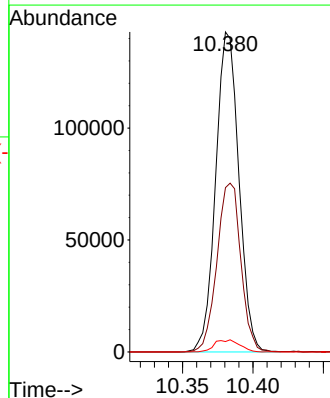
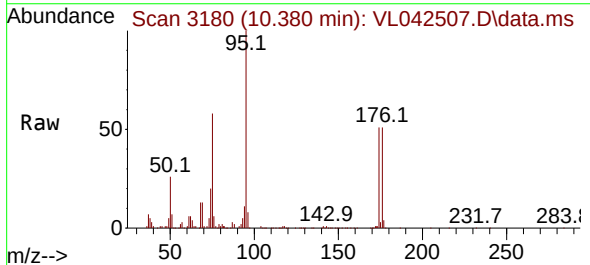
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

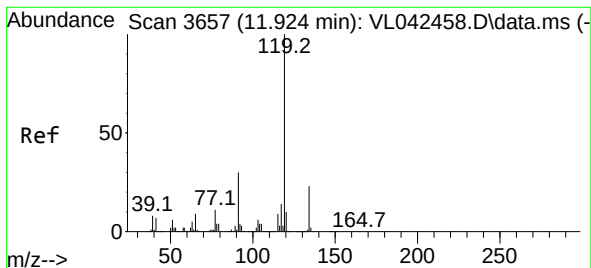
Tgt Ion:105 Resp: 541364
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.657 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 95 Resp: 163586
 Ion Ratio Lower Upper
 95 100
 174 54.5 42.7 64.1
 175 4.2 3.6 5.4

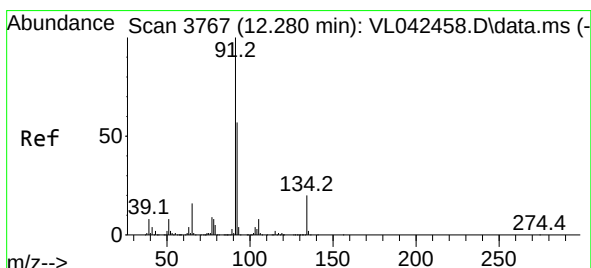
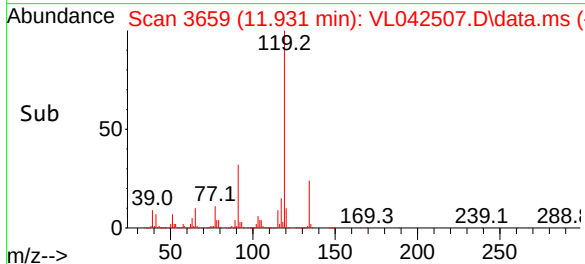
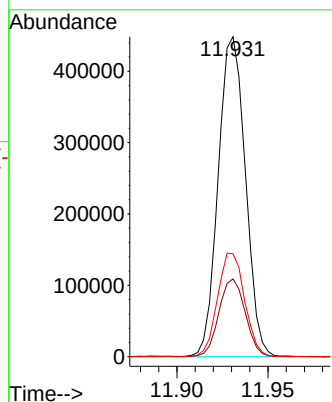
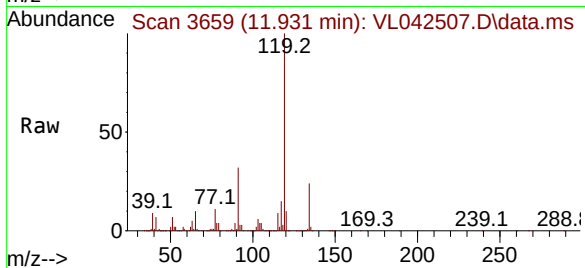




#69
 p-Isopropyltoluene
 Concen: 12.959 ppbv
 RT: 11.931 min Scan# 3659
 Delta R.T. 0.007 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

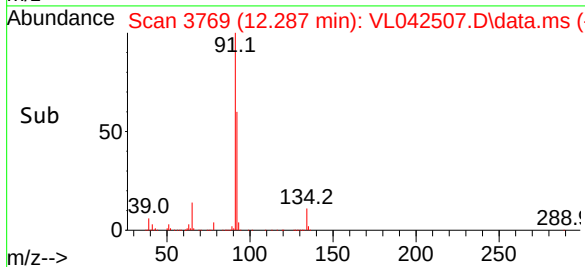
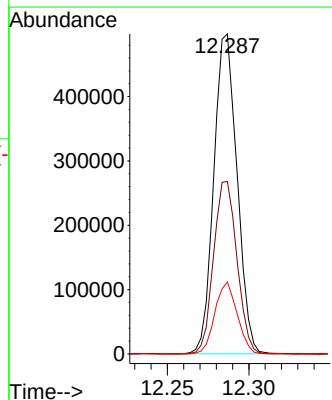
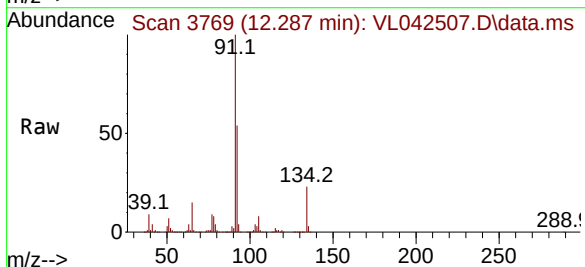
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

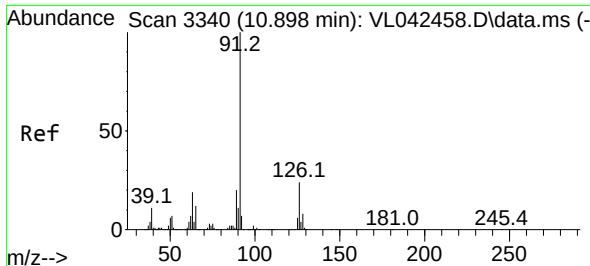
Tgt Ion:119 Resp: 463851
 Ion Ratio Lower Upper
 119 100
 134 23.6 19.0 28.4
 91 32.5 25.5 38.3



#70
 n-Butylbenzene
 Concen: 13.319 ppbv
 RT: 12.287 min Scan# 3769
 Delta R.T. 0.007 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Tgt Ion: 91 Resp: 492839
 Ion Ratio Lower Upper
 91 100
 92 54.4 44.0 66.0
 134 21.6 16.8 25.2

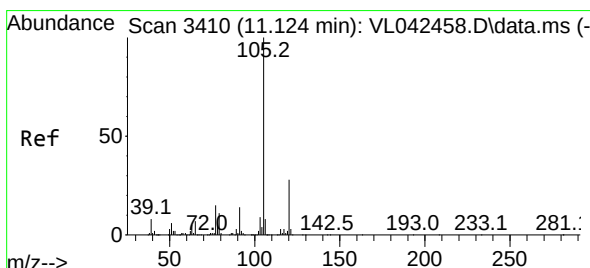
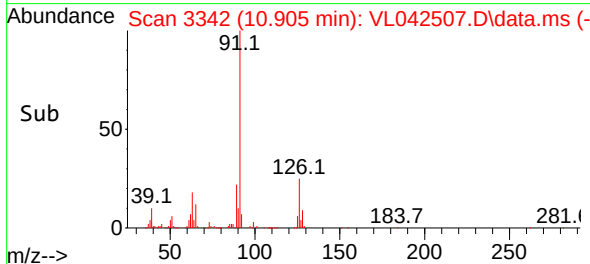
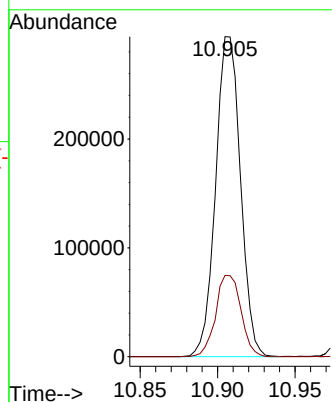
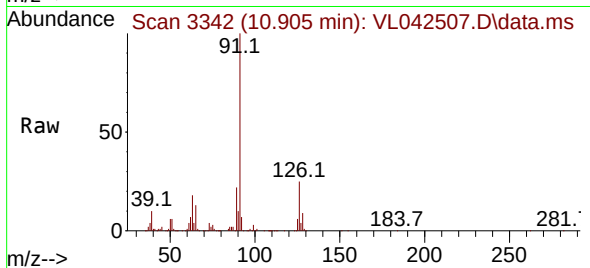




#71
2-Chlorotoluene
Concen: 12.487 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

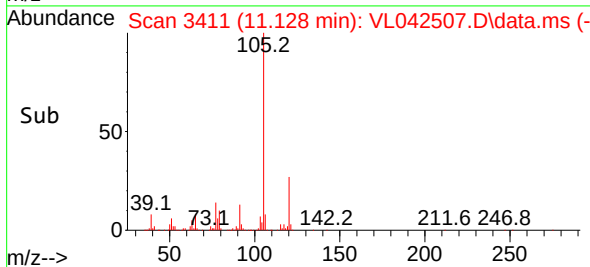
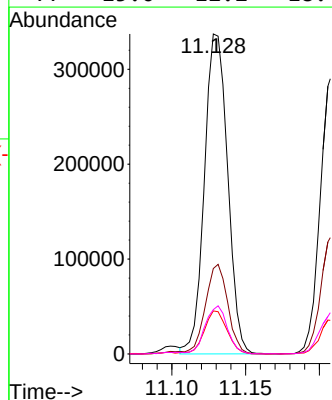
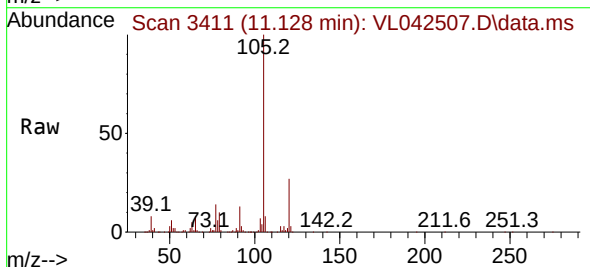
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

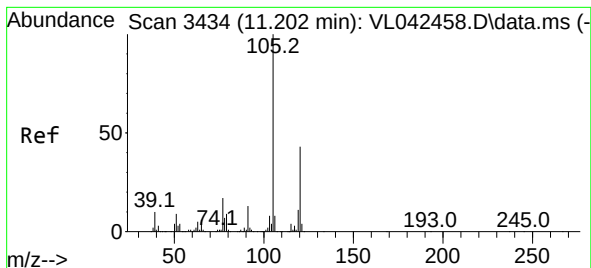
Tgt Ion: 91 Resp: 328104
Ion Ratio Lower Upper
91 100
126 25.9 10.6 42.2



#72
4-Ethyltoluene
Concen: 13.514 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion: 105 Resp: 370034
Ion Ratio Lower Upper
105 100
120 27.6 22.0 33.0
91 13.7 11.2 16.8
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 13.197 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

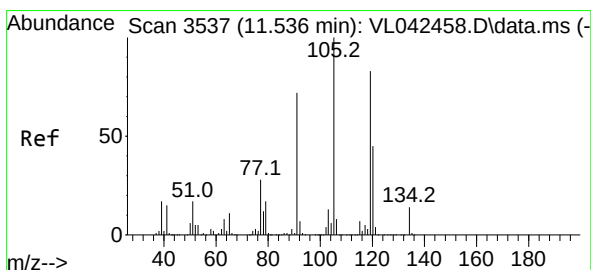
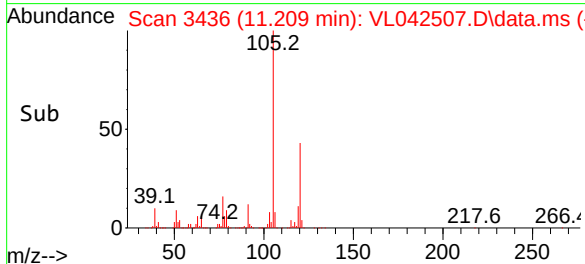
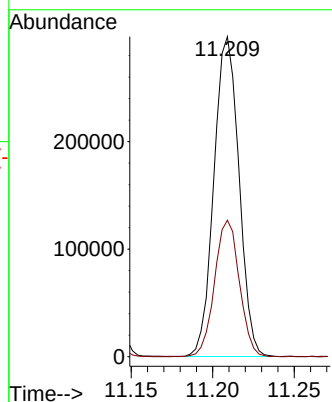
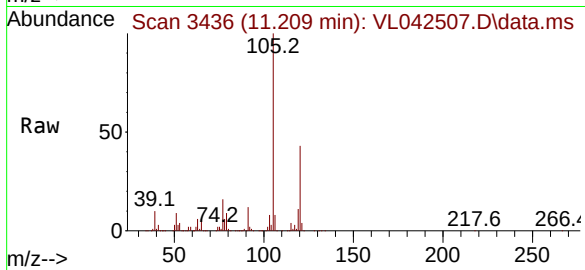
VSTDCCC010EC

Tgt Ion:105 Resp: 317811

Ion Ratio Lower Upper

105 100

120 42.7 34.4 51.6



#74

1,2,4-Trimethylbenzene

Concen: 12.515 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Tgt Ion:105 Resp: 364646

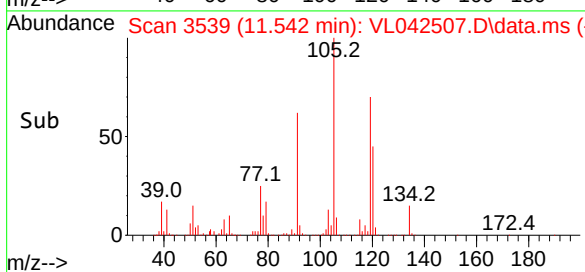
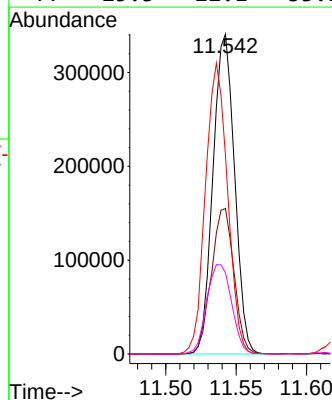
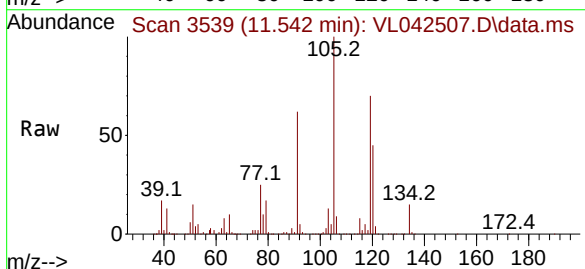
Ion Ratio Lower Upper

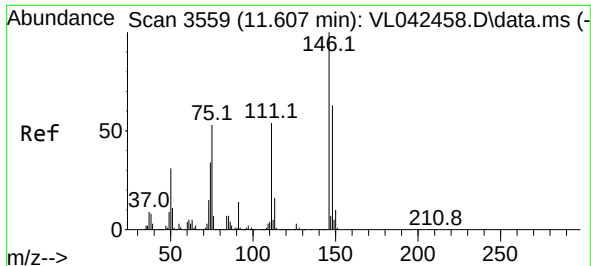
105 100

120 45.5 36.1 54.1

91 62.0 57.6 86.4

77 25.3 22.1 33.1

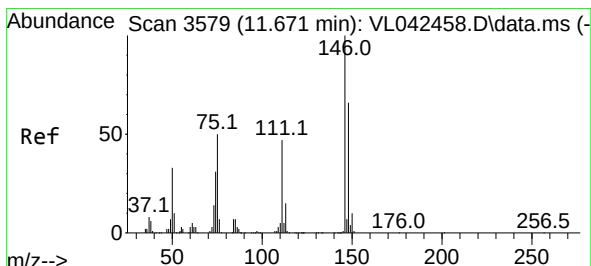
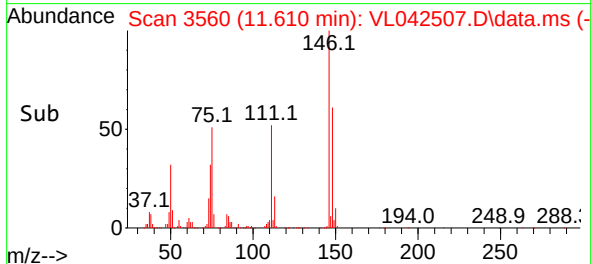
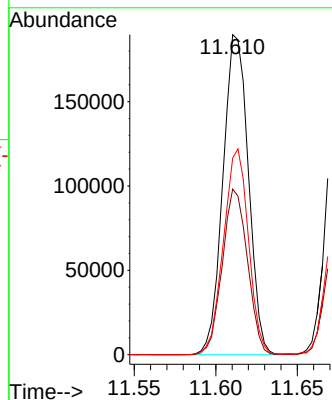
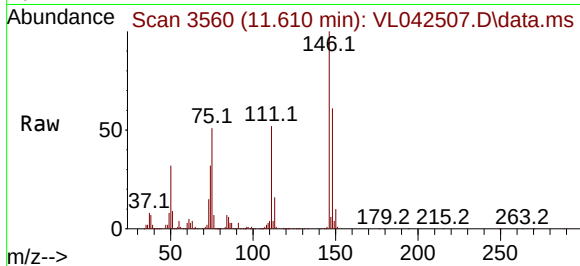




#75
1,3-Dichlorobenzene
Concen: 12.667 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

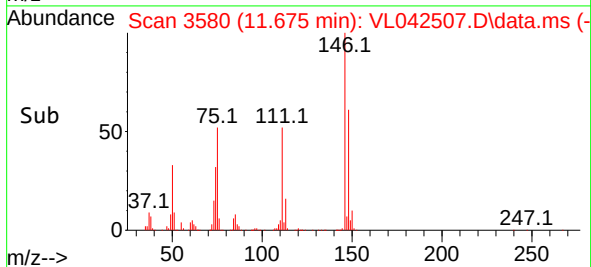
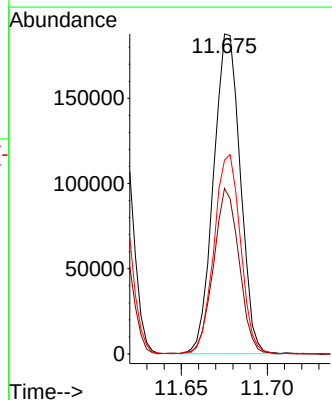
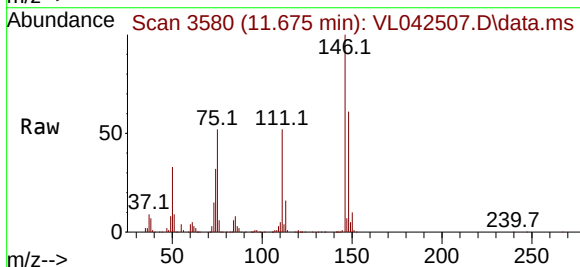
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

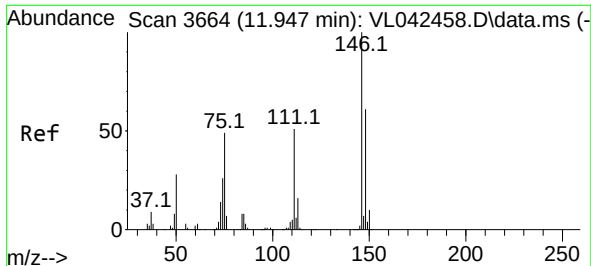
Tgt Ion:146 Resp: 205478
Ion Ratio Lower Upper
146 100
111 51.3 26.1 78.3
148 63.2 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 13.197 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.004 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:146 Resp: 202578
Ion Ratio Lower Upper
146 100
111 49.9 24.4 73.2
148 62.1 32.0 96.2

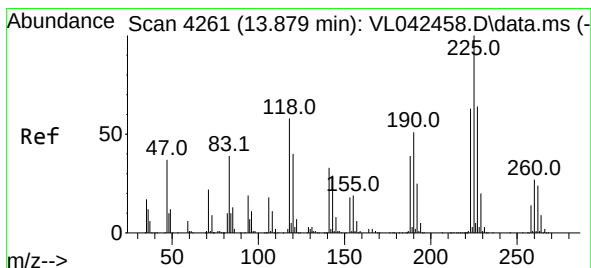
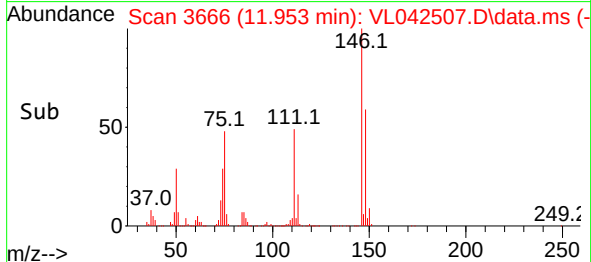
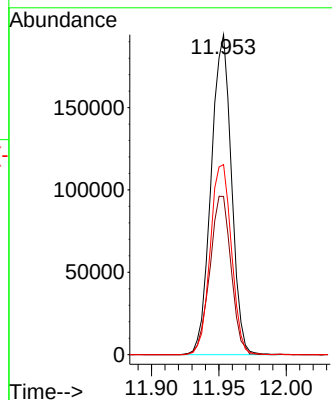
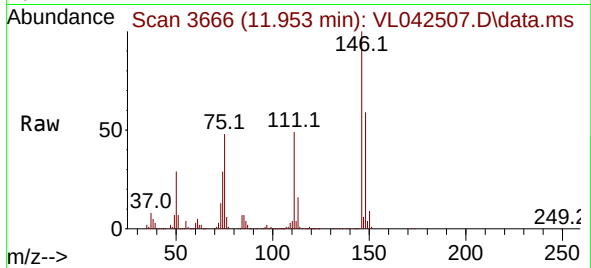




#77
1,2-Dichlorobenzene
Concen: 12.828 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

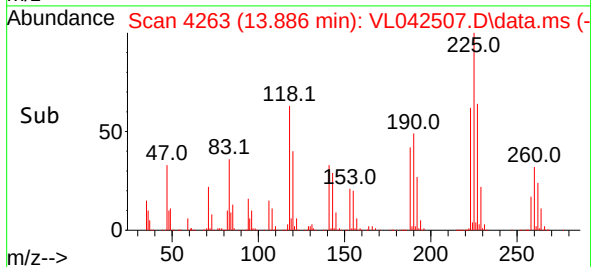
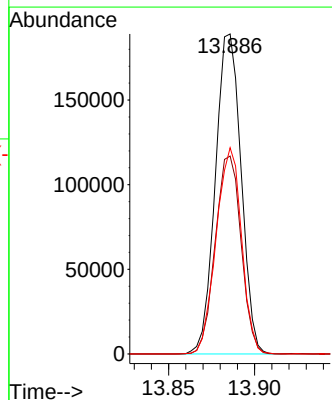
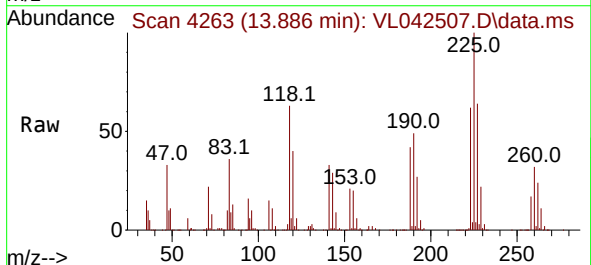
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

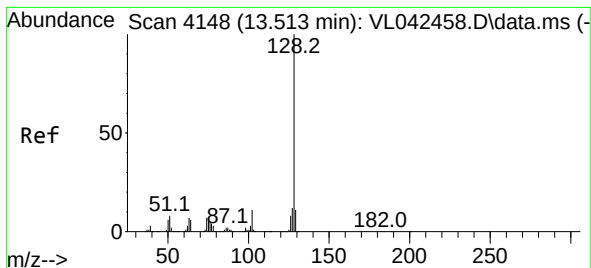
Tgt Ion:146 Resp: 203670
Ion Ratio Lower Upper
146 100
111 51.7 26.5 79.5
148 62.1 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 12.423 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042507.D
Acq: 06 May 2025 20:45

Tgt Ion:225 Resp: 196969
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.5 51.2 76.8





#79

Naphthalene

Concen: 16.388 ppbv

RT: 13.517 min Scan# 4149

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

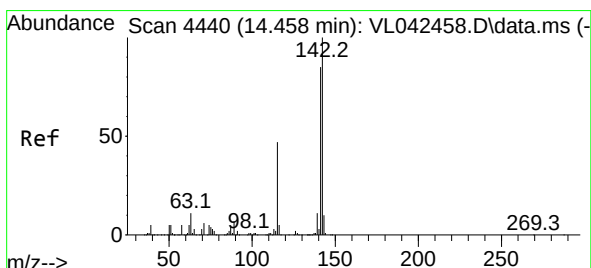
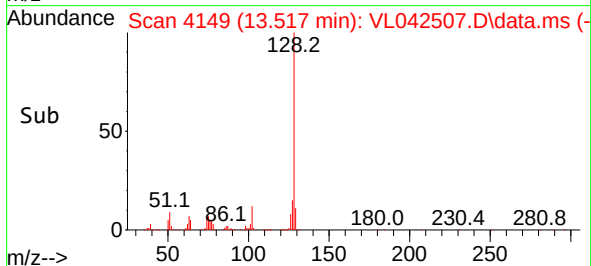
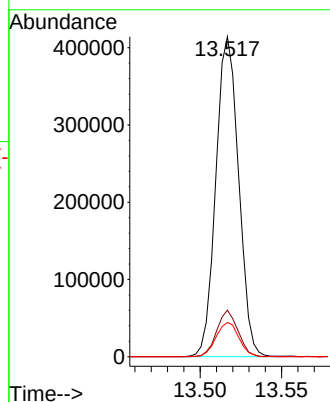
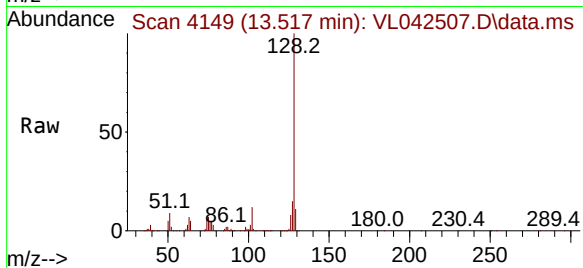
Tgt Ion:128 Resp: 401961

Ion Ratio Lower Upper

128 100

127 14.6 9.7 14.5#

129 10.7 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 14.717 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.004 min

Lab File: VL042507.D

Acq: 06 May 2025 20:45

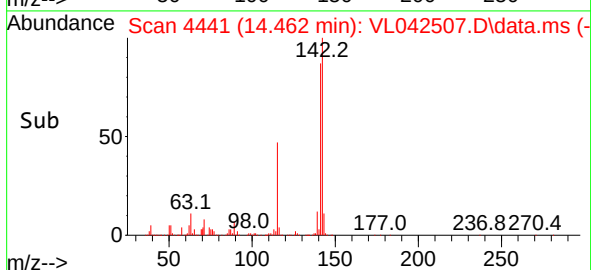
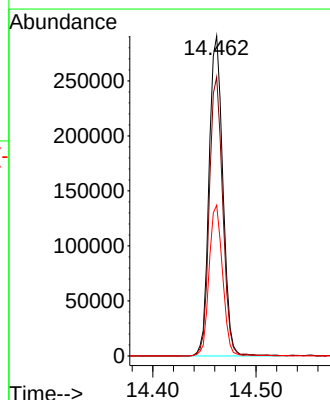
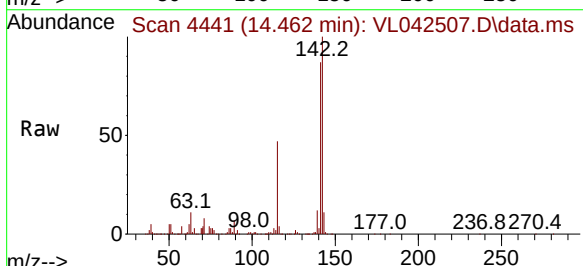
Tgt Ion:142 Resp: 268295

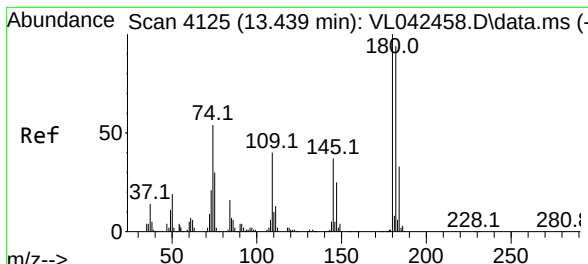
Ion Ratio Lower Upper

142 100

141 85.5 67.4 101.0

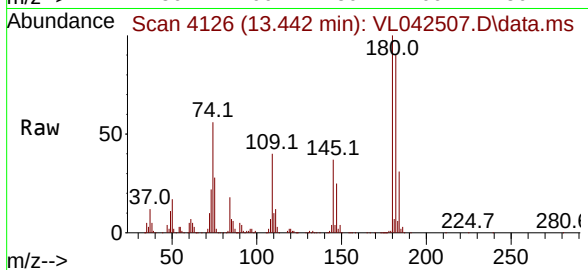
115 46.4 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 14.902 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL042507.D
 Acq: 06 May 2025 20:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:	180	Resp:	194940
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.6	111.8
184	30.9	24.9	37.3

