

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021725\
 Data File : VL042026.D
 Acq On : 17 Feb 2025 12:46
 Operator : SY/MD
 Sample : VL0217ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 18 00:18:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	86378	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	257287	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	228652	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	193951	10.283	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	150189	10.100	ppbv	98
3) Chlorodifluoromethane	1.479	51	170929	10.398	ppbv	99
4) Chloromethane	1.538	50	58828	10.181	ppbv	100
5) Vinyl Chloride	1.586	62	57039	8.255	ppbv	99
6) Bromomethane	1.674	94	25504	9.522	ppbv	89
7) Chloroethane	1.709	64	23522	10.445	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	130839	10.003	ppbv	98
9) Propene	1.489	41	72285	10.200	ppbv	99
10) Heptane	5.004	43	195498	9.933	ppbv	99
11) Trichlorofluoromethane	1.884	101	148076	9.895	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	111852	9.585	ppbv	99
13) Ethanol	1.725	45	4019	5.028	ppbv	76
14) Bromoethene	1.787	108	42248	9.695	ppbv	98
15) Acetone	1.842	43	125025	8.769	ppbv	95
16) 1,3-Butadiene	1.615	39	61995	9.166	ppbv	100
17) tert-Butyl alcohol	2.049	59	162593	9.217	ppbv	98
18) 1,1-Dichloroethene	2.042	96	51628	9.258	ppbv	93
19) Isopropyl Alcohol	1.894	45	75156	9.401	ppbv	97
20) Methylene Chloride	2.068	84	43982	8.195	ppbv	87
21) Allyl Chloride	2.104	41	95230	9.226	ppbv	95
22) trans-1,2-Dichloroethene	2.350	96	59878	9.894	ppbv	98
23) Vinyl Acetate	2.473	43	81211	10.519	ppbv	98
24) 1,1-Dichloroethane	2.418	63	117827	9.590	ppbv	99
25) Ethyl Acetate	2.848	43	397841	10.167	ppbv	100
26) Hexane	2.839	57	160279	10.207	ppbv	99
27) Carbon Disulfide	2.159	76	144128	9.759	ppbv	96
28) Methyl tert-Butyl Ether	2.450	73	103632	10.796	ppbv	100
29) Chloroform	2.861	83	241338	10.611	ppbv	96
30) Cyclohexane	3.871	84	141951	11.143	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	160060	10.313	ppbv	96
32) 1,1,1-Trichloroethane	3.379	97	249678	9.899	ppbv	99
34) 2-Butanone	2.567	43	222243	10.040	ppbv	98
35) Carbon Tetrachloride	3.777	117	246536	9.868	ppbv	99
36) Benzene	3.671	78	334217	10.724	ppbv	99
37) 1,2-Dichloroethane	3.234	62	187389	10.562	ppbv	99
38) Trichloroethene	4.567	130	124579	9.839	ppbv	90
39) 1,2-Dichloropropane	4.331	63	117099	10.248	ppbv	92
40) 1,4-Dioxane	4.606	88	57725	9.709	ppbv #	98
41) Tetrahydrofuran	3.068	42	130993	10.355	ppbv	99
42) Bromodichloromethane	4.509	83	267353	11.123	ppbv	97
43) Methyl Methacrylate	4.900	69	136419	9.602	ppbv	99
44) 2,2,4-Trimethylpentane	4.661	57	545237	10.306	ppbv	99
45) t-1,3-Dichloropropene	6.441	75	147807	11.020	ppbv	94

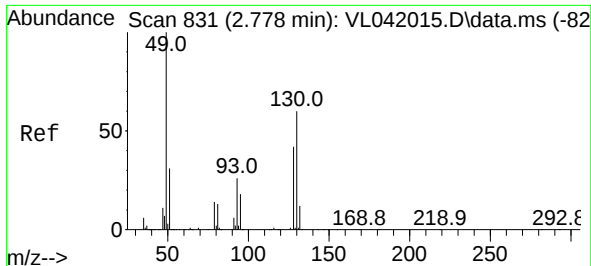
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021725\
 Data File : VL042026.D
 Acq On : 17 Feb 2025 12:46
 Operator : SY/MD
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Quant Time: Feb 18 00:18:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	182148	10.704	ppbv	96
47) 1,1,2-Trichloroethane	6.606	97	127145	10.573	ppbv	93
48) Dibromochloromethane	7.406	129	210171	10.436	ppbv	98
49) Bromoform	9.496	173	175394	10.617	ppbv	100
50) 4-Methyl-2-Pentanone	5.784	43	337630	9.925	ppbv	100
51) 2-Hexanone	7.457	43	276009	9.920	ppbv #	99
52) Tetrachloroethene	8.244	164	106990	9.842	ppbv	93
53) Toluene	6.956	91	389095	10.477	ppbv	99
54) 1,2-Dibromoethane	7.671	107	177982	10.750	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.943	131	162273	9.915	ppbv	98
57) Chlorobenzene	8.937	112	285182	10.602	ppbv	99
58) Ethyl Benzene	9.370	91	537770	10.746	ppbv	98
59) m/p-Xylene	9.548	91	471279	11.956	ppbv #	45
60) o-Xylene	9.979	91	425899	10.684	ppbv	98
61) Styrene	9.885	104	209155	11.003	ppbv	99
62) Isopropylbenzene	10.555	105	631219	10.547	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	255647	9.940	ppbv	99
64) n-propylbenzene	11.001	120	157826	10.732	ppbv	98
65) tert-Butylbenzene	11.545	119	537970	10.311	ppbv	98
66) Benzyl Chloride	11.629	91	58963	11.274	ppbv	97
67) sec-Butylbenzene	11.782	105	774249	10.565	ppbv	99
69) p-Isopropyltoluene	11.937	119	631965	10.534	ppbv	99
70) n-Butylbenzene	12.293	91	649454	10.990	ppbv	99
71) 2-Chlorotoluene	10.914	91	488961	10.848	ppbv	98
72) 4-Ethyltoluene	11.137	105	509881	10.917	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	434789	10.792	ppbv	93
74) 1,2,4-Trimethylbenzene	11.548	105	457588	10.583	ppbv	91
75) 1,3-Dichlorobenzene	11.620	146	247804	10.647	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	251552	11.083	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	236318	10.622	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	173482	9.425	ppbv	98
79) Naphthalene	13.526	128	418836	9.848	ppbv	100
80) Naphthalene,2-methyl-	14.471	142	185218	9.619	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	179422	10.378	ppbv	100

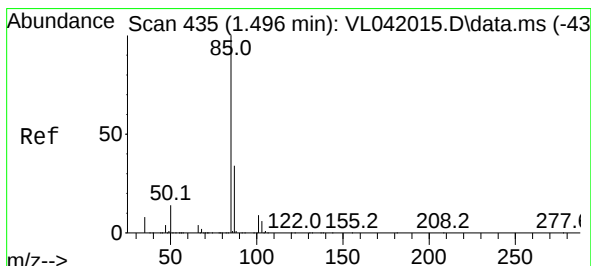
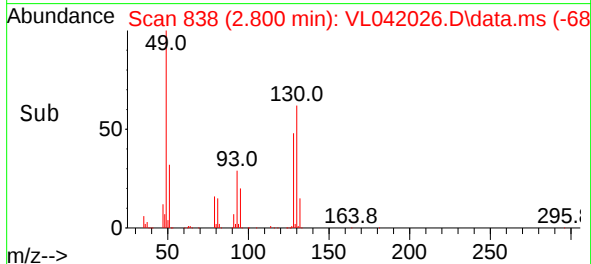
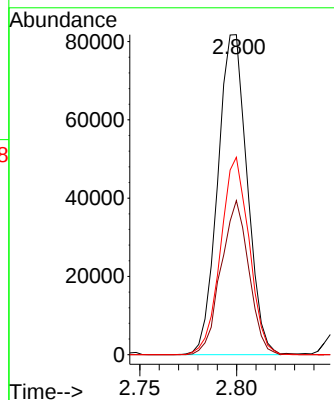
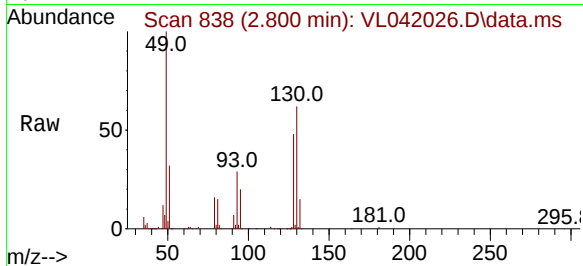
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 831
Delta R.T. -0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

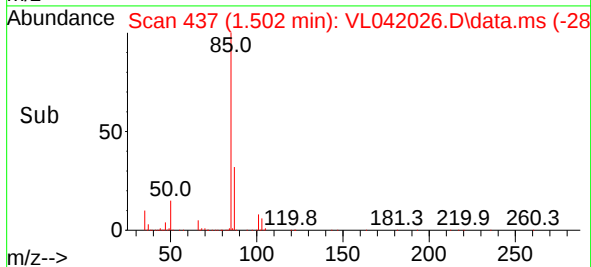
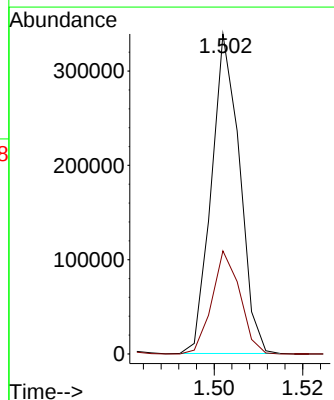
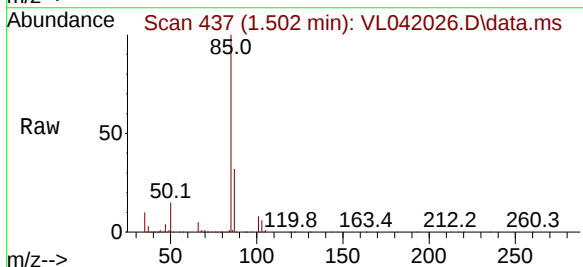
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ClientSampleId :

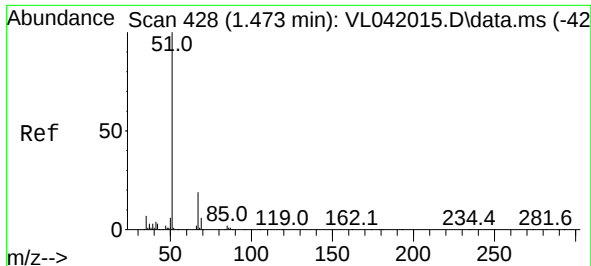
Tgt Ion: 49 Resp: 86378
Ion Ratio Lower Upper
49 100
128 45.5 22.7 68.0
130 59.8 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 10.100 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 85 Resp: 150189
Ion Ratio Lower Upper
85 100
87 32.3 26.9 40.3

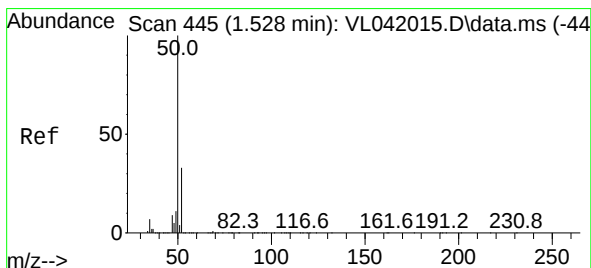
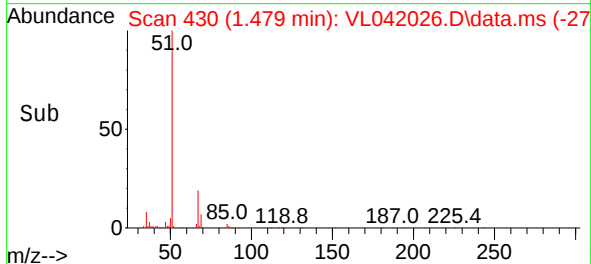
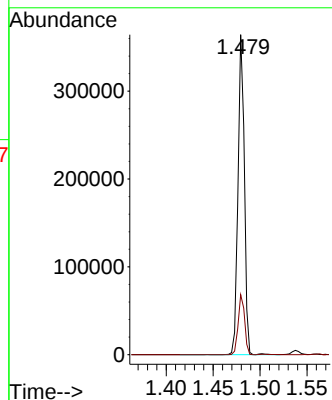
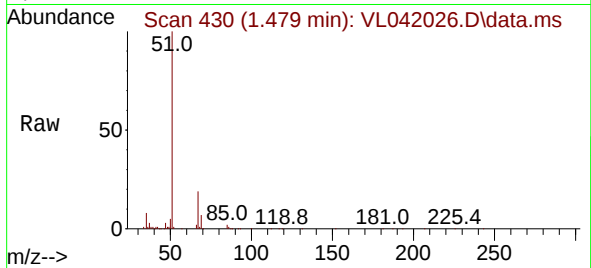




#3
Chlorodifluoromethane
Concen: 10.398 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

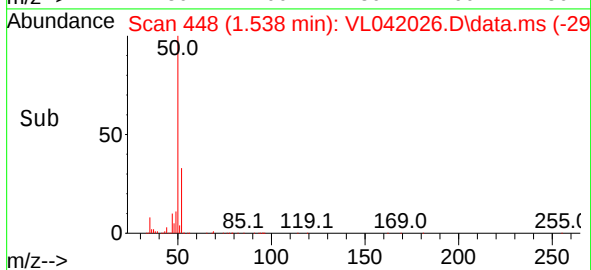
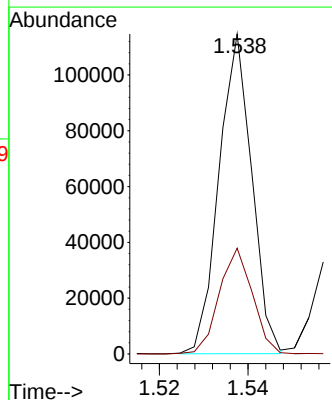
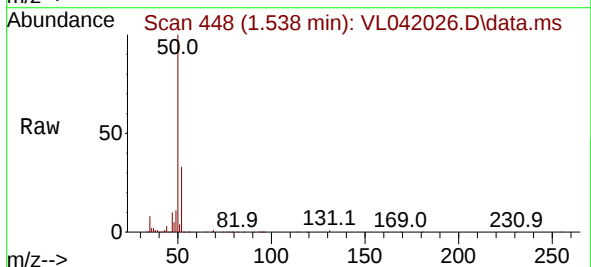
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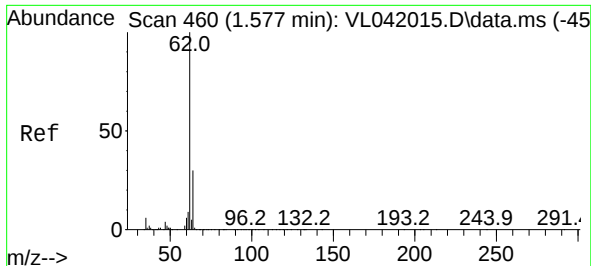
Tgt Ion: 51 Resp: 170929
Ion Ratio Lower Upper
51 100
67 19.2 15.0 22.6



#4
Chloromethane
Concen: 10.181 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 50 Resp: 58828
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2

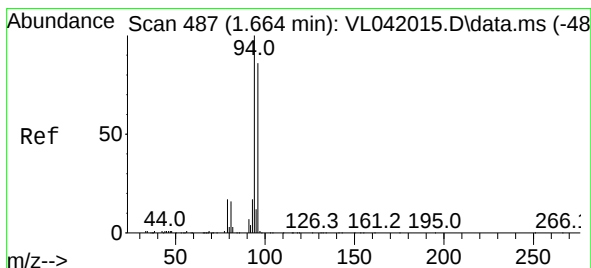
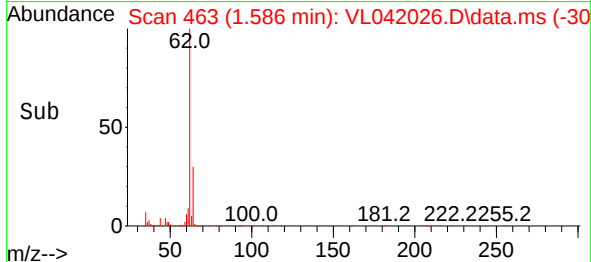
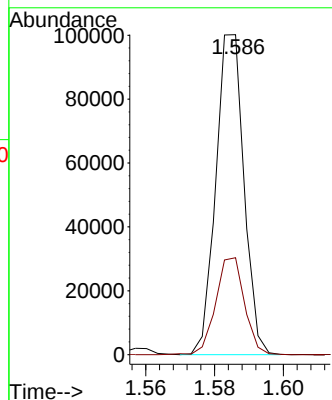
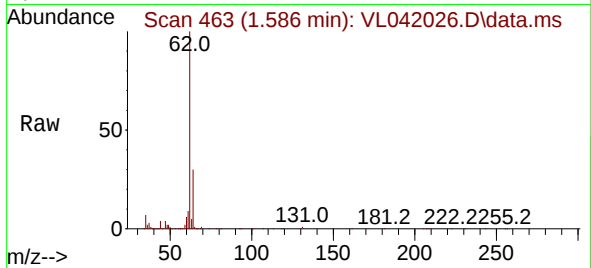




#5
 Vinyl Chloride
 Concen: 8.255 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

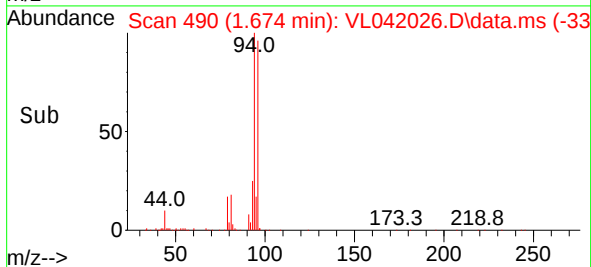
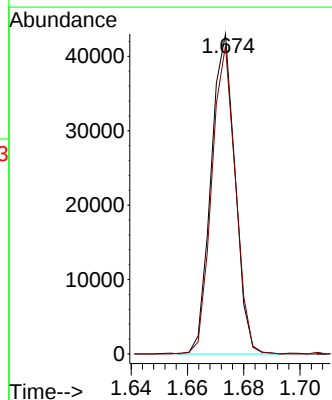
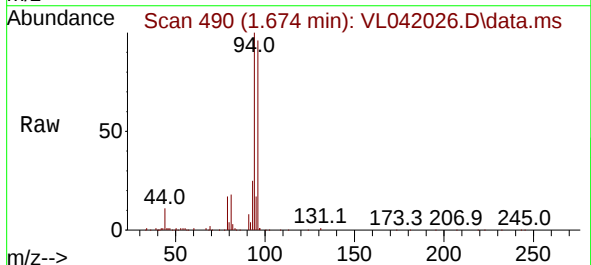
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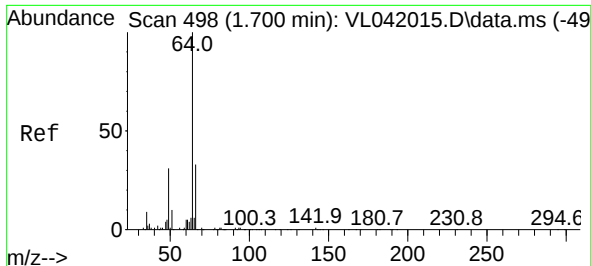
Tgt Ion: 62 Resp: 57039
 Ion Ratio Lower Upper
 62 100
 64 30.2 24.4 36.6



#6
 Bromomethane
 Concen: 9.522 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

Tgt Ion: 94 Resp: 25504
 Ion Ratio Lower Upper
 94 100
 96 96.4 69.0 103.6

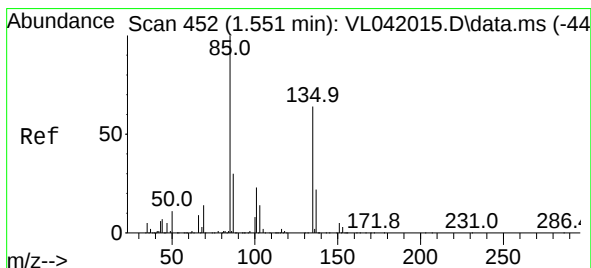
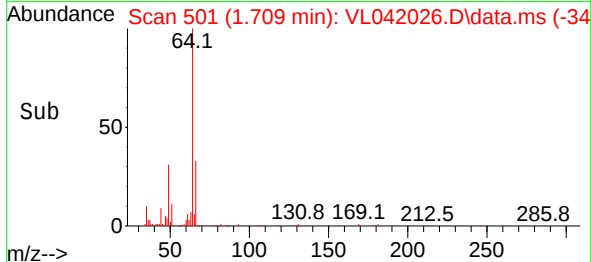
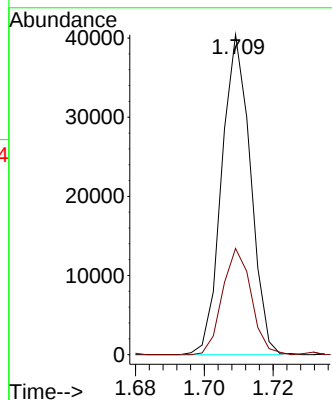
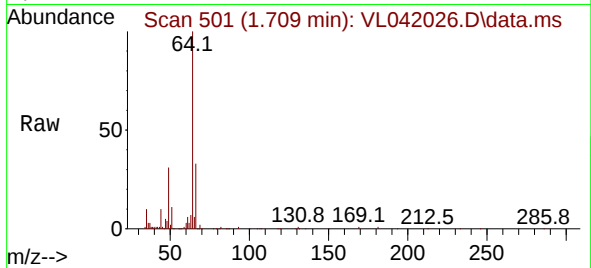




#7
Chloroethane
Concen: 10.445 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

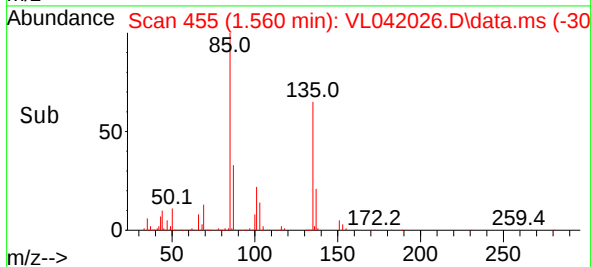
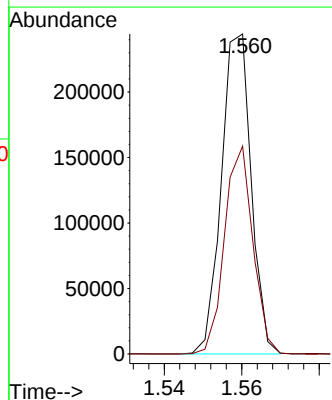
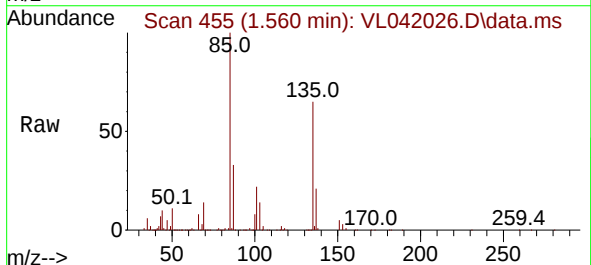
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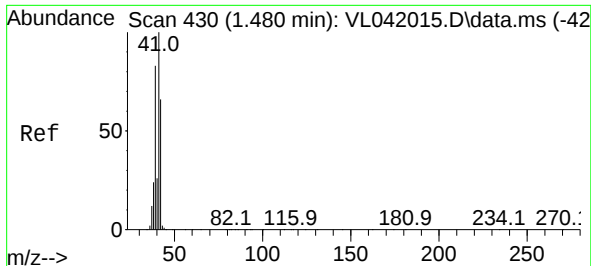
Tgt Ion: 64 Resp: 23522
Ion Ratio Lower Upper
64 100
66 33.2 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 10.003 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 85 Resp: 130839
Ion Ratio Lower Upper
85 100
135 61.8 50.9 76.3





#9

Propene

Concen: 10.200 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

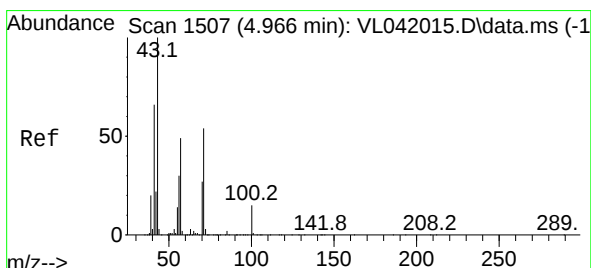
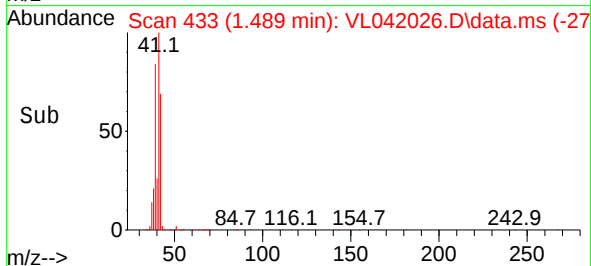
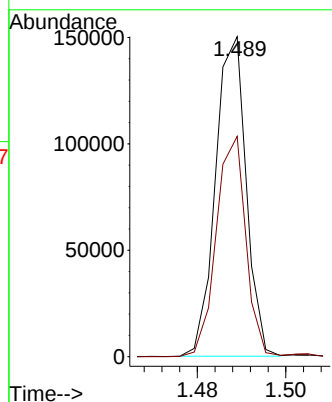
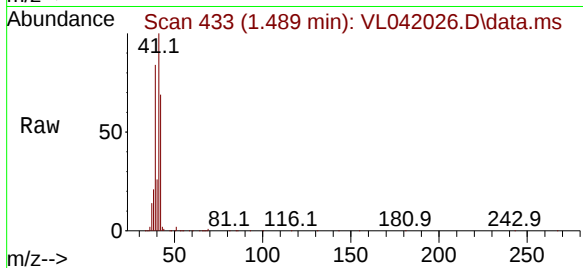
ClientSampleId :

Tgt Ion: 41 Resp: 72285

Ion Ratio Lower Upper

41 100

42 67.6 53.5 80.3



#10

Heptane

Concen: 9.933 ppbv

RT: 5.004 min Scan# 1519

Delta R.T. 0.000 min

Lab File: VL042026.D

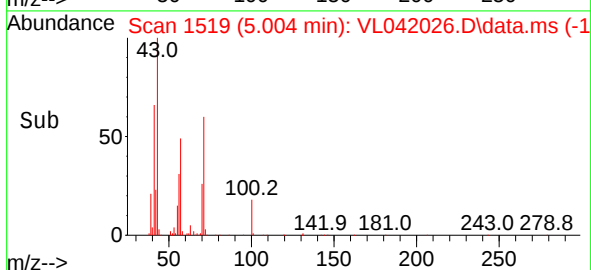
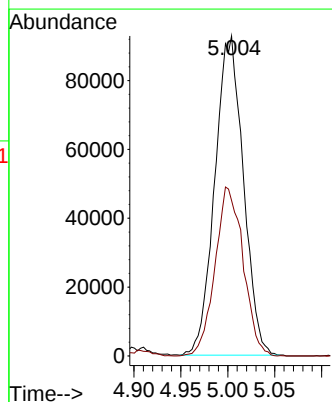
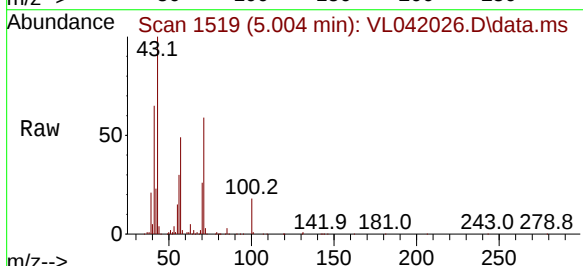
Acq: 17 Feb 2025 12:46

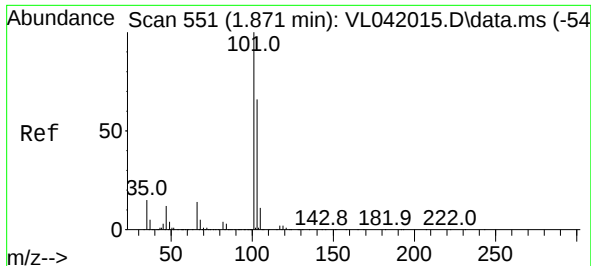
Tgt Ion: 43 Resp: 195498

Ion Ratio Lower Upper

43 100

57 52.2 41.0 61.6





#11

Trichlorofluoromethane

Concen: 9.895 ppbv

RT: 1.884 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

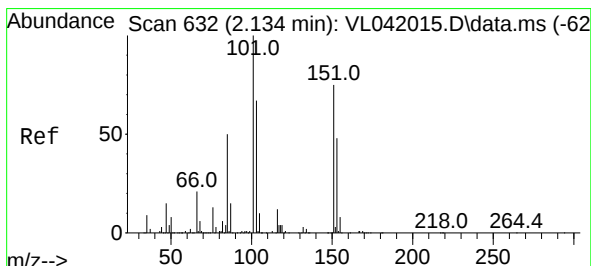
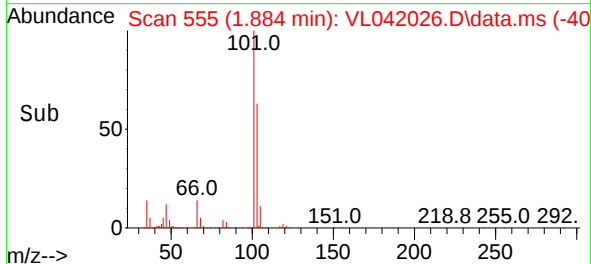
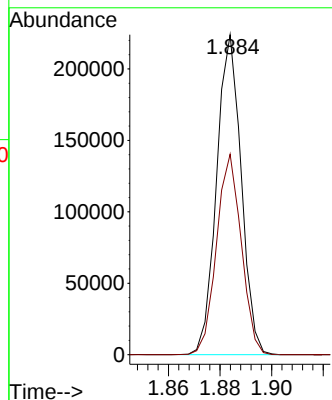
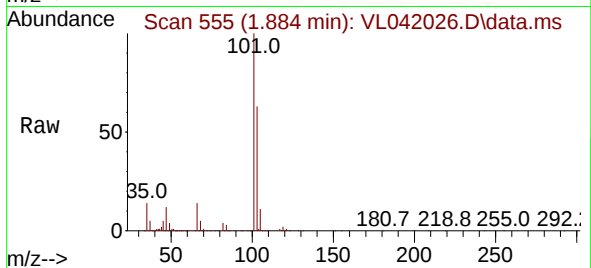
ClientSampleId :

Tgt Ion:101 Resp: 148076

Ion Ratio Lower Upper

101 100

103 62.7 52.9 79.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.585 ppbv

RT: 2.146 min Scan# 636

Delta R.T. -0.003 min

Lab File: VL042026.D

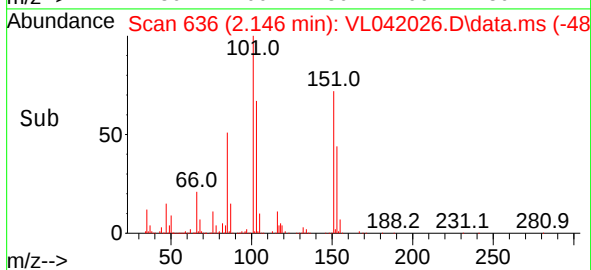
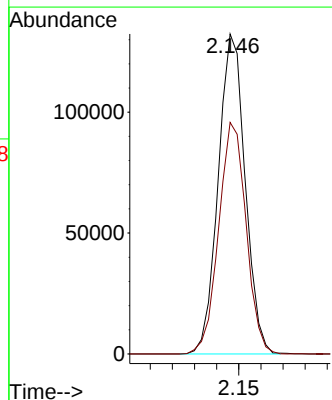
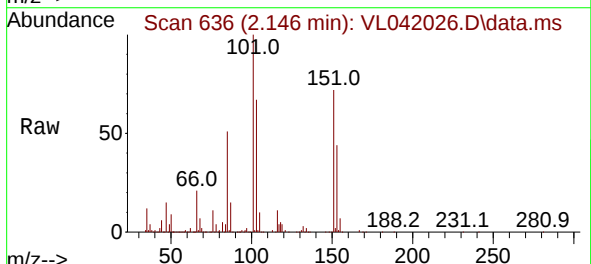
Acq: 17 Feb 2025 12:46

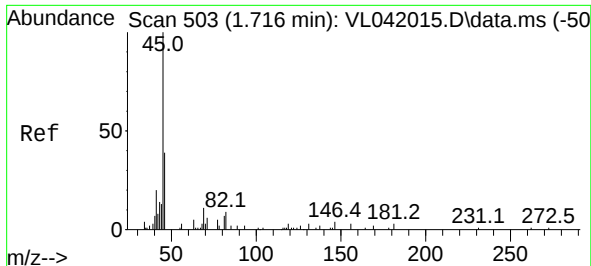
Tgt Ion:101 Resp: 111852

Ion Ratio Lower Upper

101 100

151 73.7 58.2 87.2





#13

Ethanol

Concen: 5.028 ppbv

RT: 1.725 min Scan# 503

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

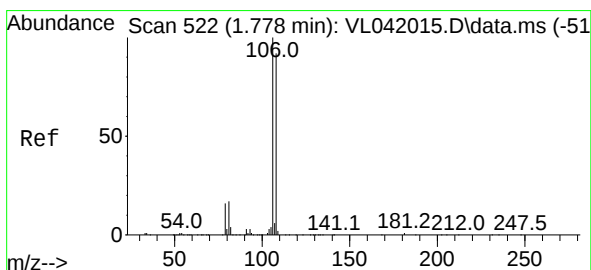
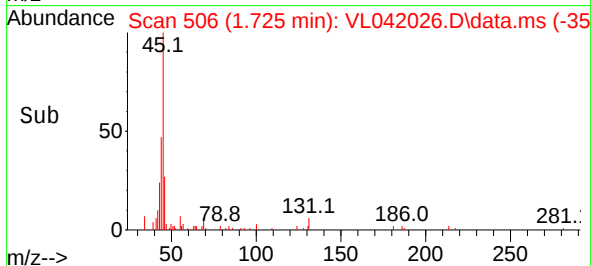
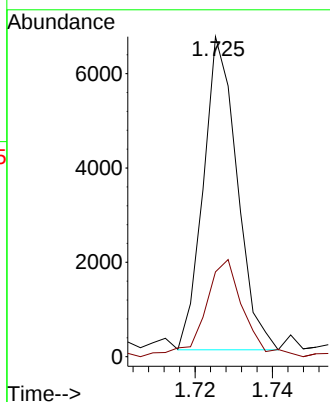
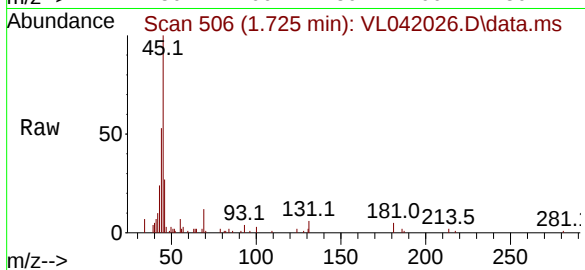
ClientSampleId :

Tgt Ion: 45 Resp: 4019

Ion Ratio Lower Upper

45 100

46 36.4 21.3 85.1



#14

Bromoethene

Concen: 9.695 ppbv

RT: 1.787 min Scan# 525

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

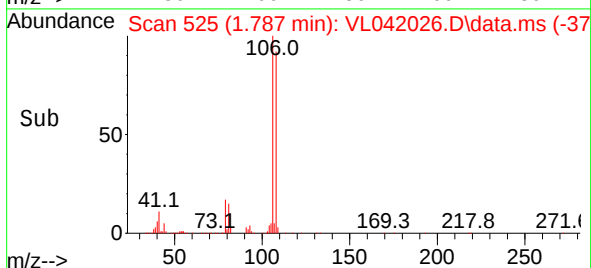
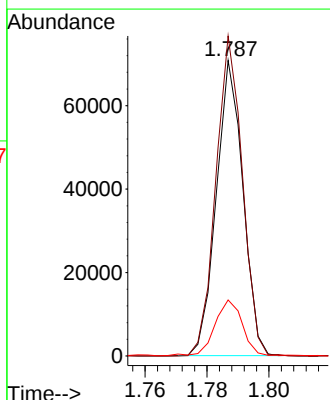
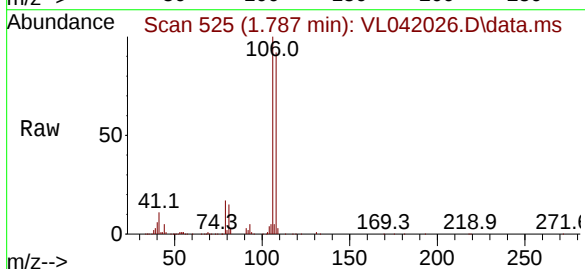
Tgt Ion:108 Resp: 42248

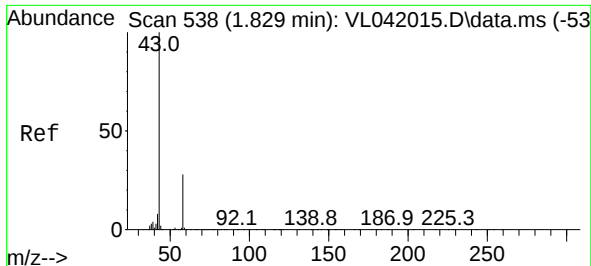
Ion Ratio Lower Upper

108 100

106 107.8 85.0 127.6

79 20.3 17.3 25.9

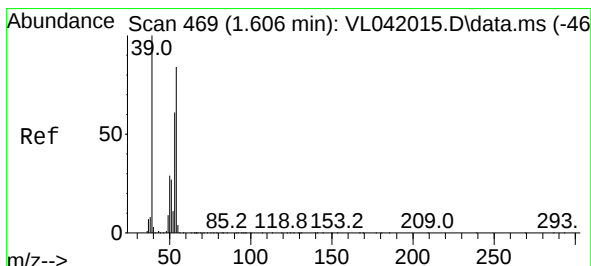
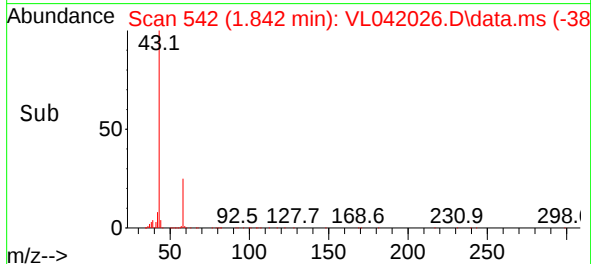
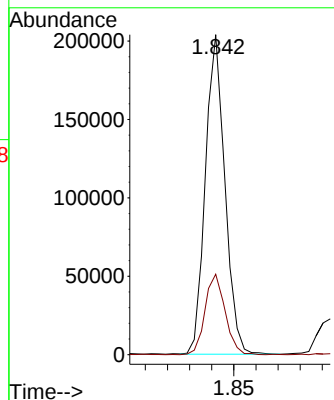
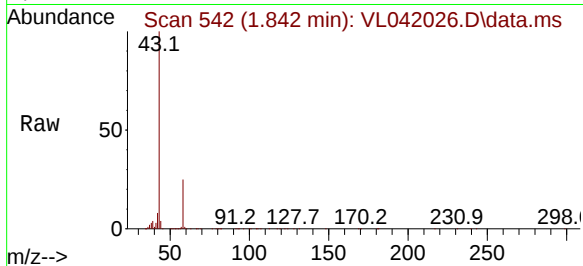




#15
Acetone
Concen: 8.769 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

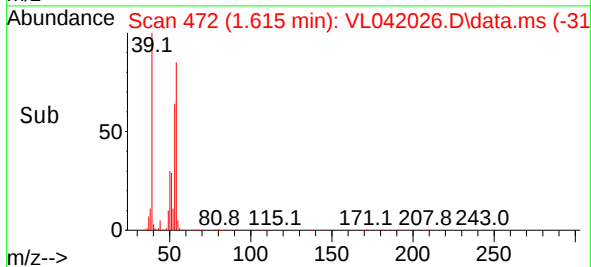
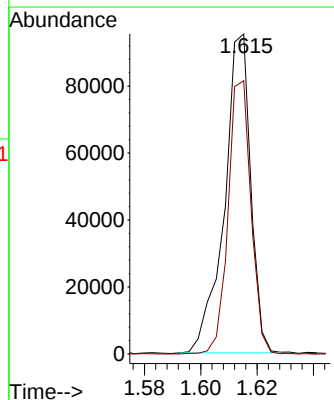
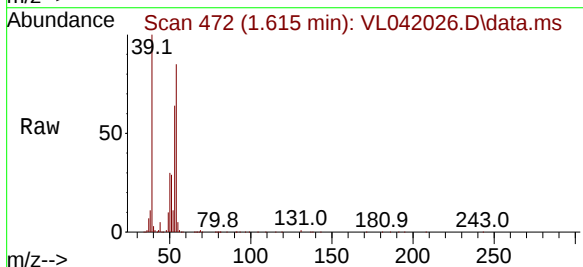
Instrument :
MSVOA_L
ClientSampleId :

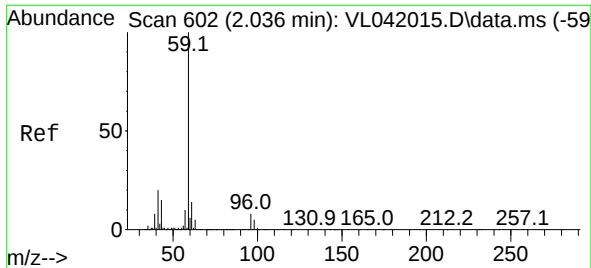
Tgt Ion: 43 Resp: 125025
Ion Ratio Lower Upper
43 100
58 26.1 22.9 34.3



#16
1,3-Butadiene
Concen: 9.166 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 39 Resp: 61995
Ion Ratio Lower Upper
39 100
54 74.3 59.4 89.2

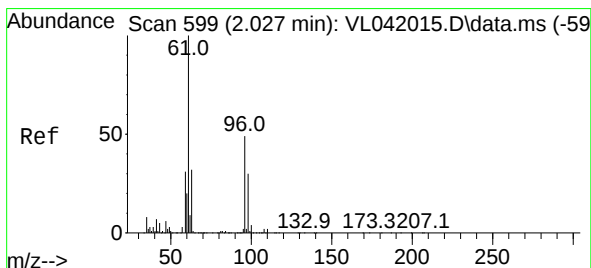
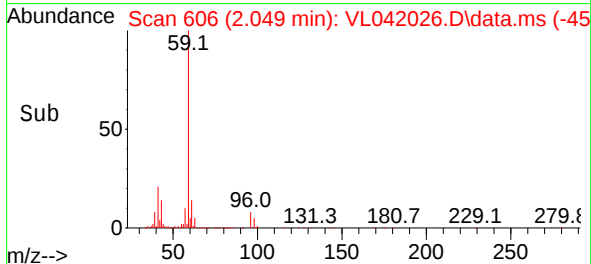
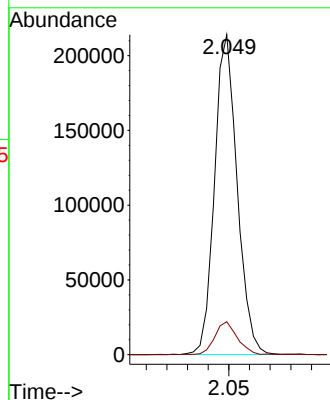
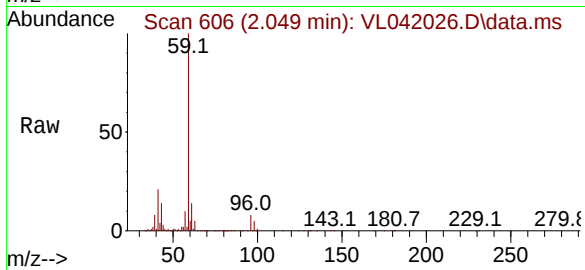




#17
tert-Butyl alcohol
Concen: 9.217 ppbv
RT: 2.049 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

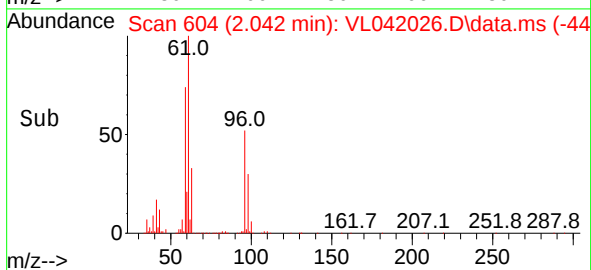
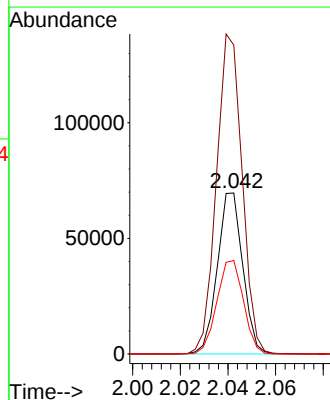
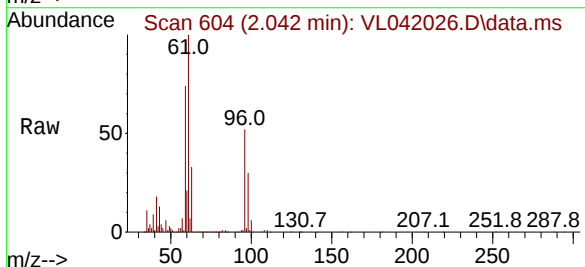
Instrument :
MSVOA_L
ClientSampleId :

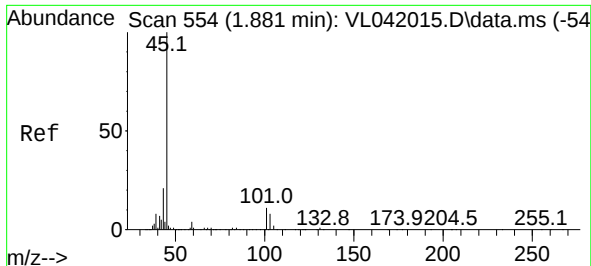
Tgt Ion: 59 Resp: 162593
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8



#18
1,1-Dichloroethene
Concen: 9.258 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 96 Resp: 51628
Ion Ratio Lower Upper
96 100
61 191.9 163.5 245.3
98 58.0 49.4 74.0





#19

Isopropyl Alcohol

Concen: 9.401 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

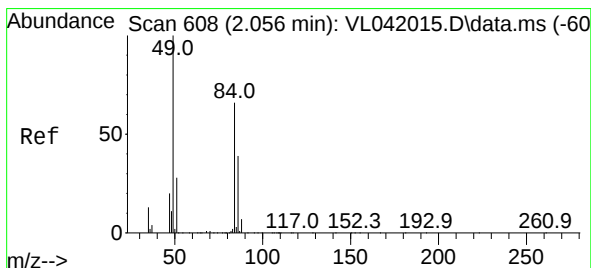
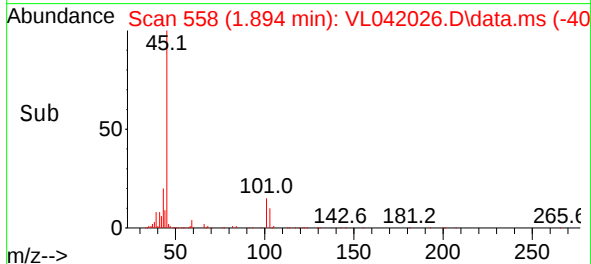
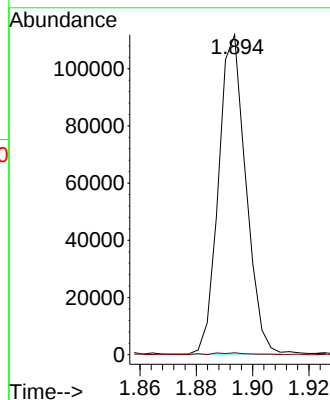
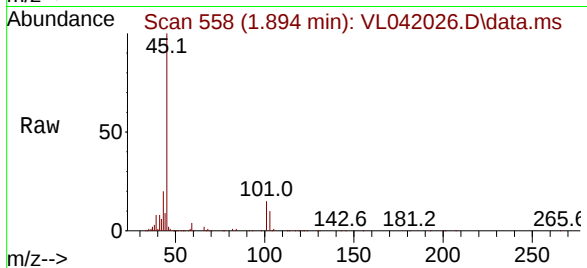
ClientSampleId :

Tgt Ion: 45 Resp: 75156

Ion Ratio Lower Upper

45 100

58 43.3 36.2 54.4



#20

Methylene Chloride

Concen: 8.195 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion: 84 Resp: 43982

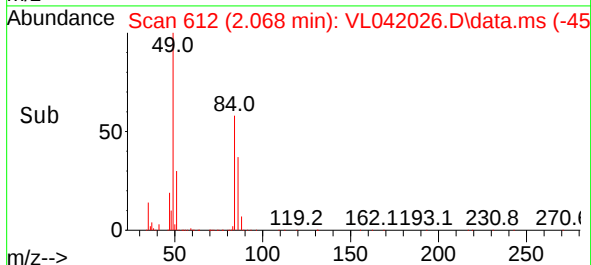
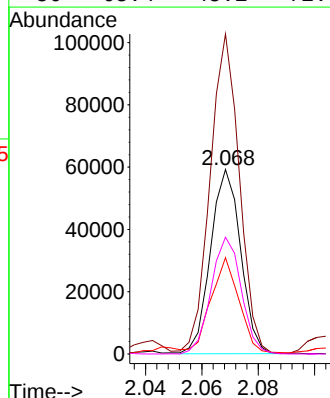
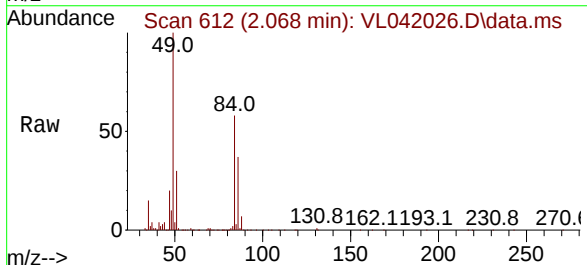
Ion Ratio Lower Upper

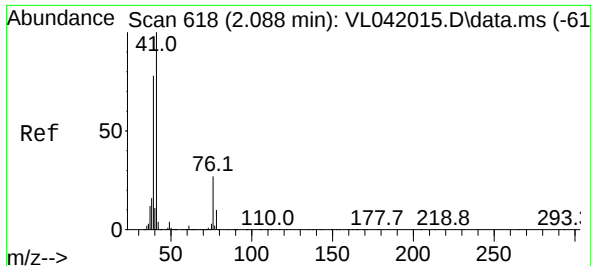
84 100

49 173.4 121.0 181.4

51 51.5 35.1 52.7

86 63.4 48.2 72.4





#21

Allyl Chloride

Concen: 9.226 ppbv

RT: 2.104 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

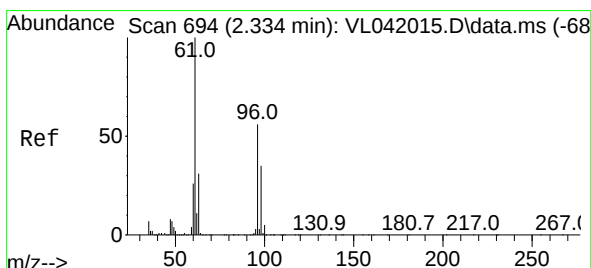
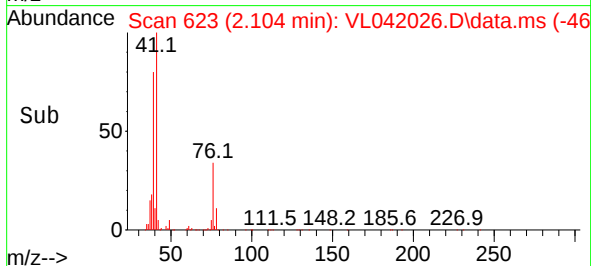
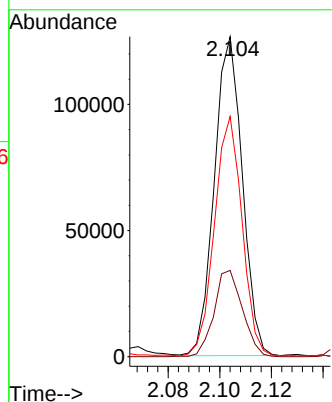
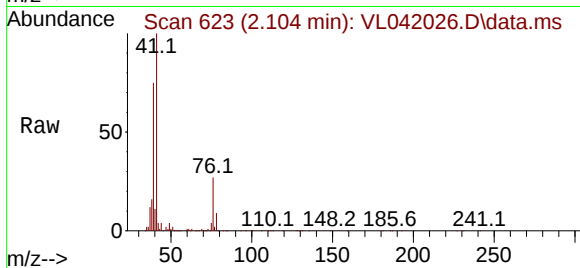
Tgt Ion: 41 Resp: 95230

Ion Ratio Lower Upper

41 100

76 27.4 23.7 35.5

39 73.8 63.0 94.6



#22

trans-1,2-Dichloroethene

Concen: 9.894 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

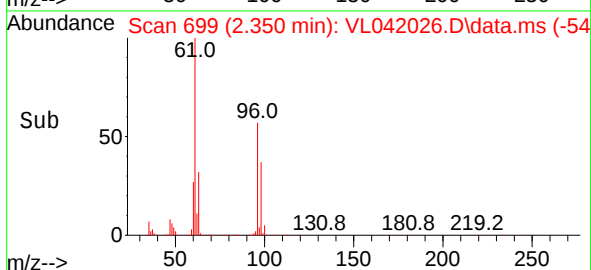
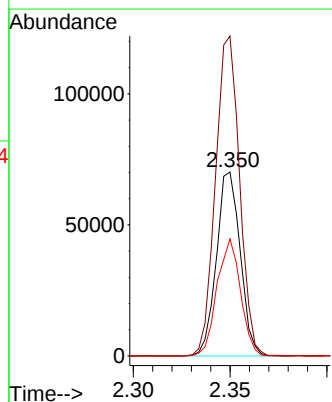
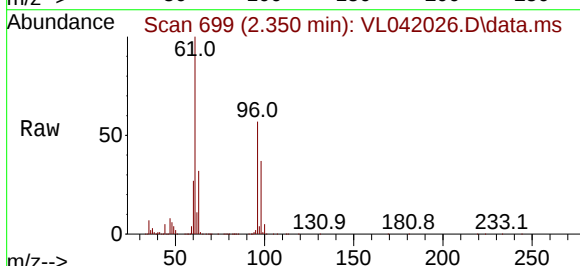
Tgt Ion: 96 Resp: 59878

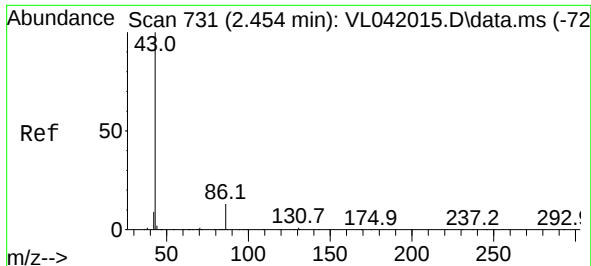
Ion Ratio Lower Upper

96 100

61 173.9 142.3 213.5

98 63.6 50.2 75.2



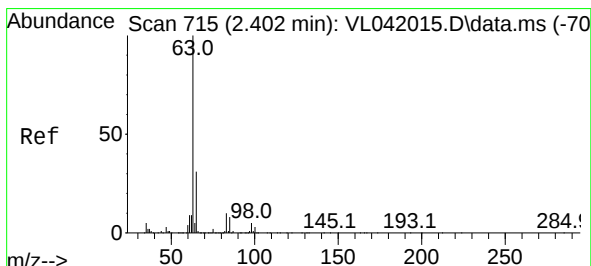
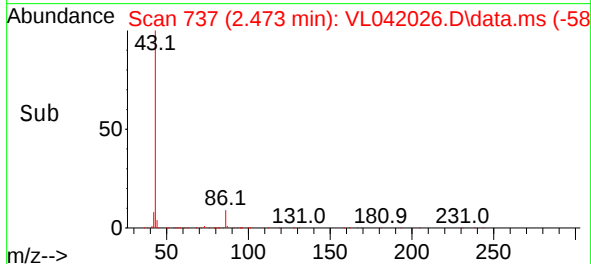
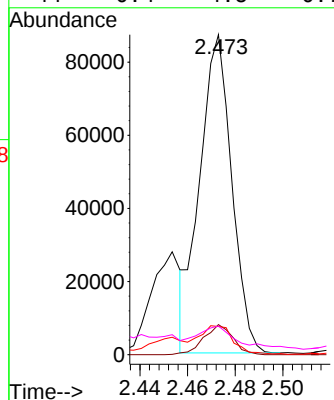
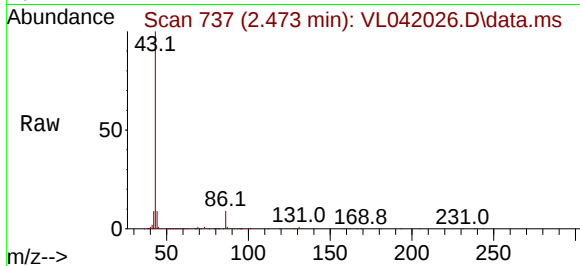


#23
 Vinyl Acetate
 Concen: 10.519 ppbv
 RT: 2.473 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

Instrument :
 MSVOA_1
 ClientSampleId :

Tgt Ion: 43 Resp: 81211

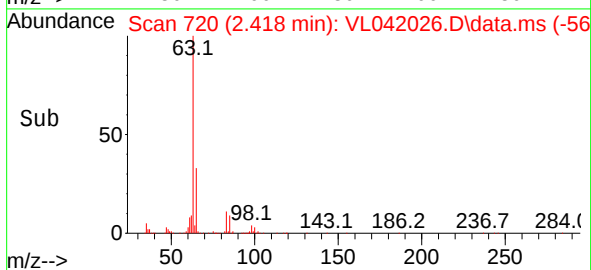
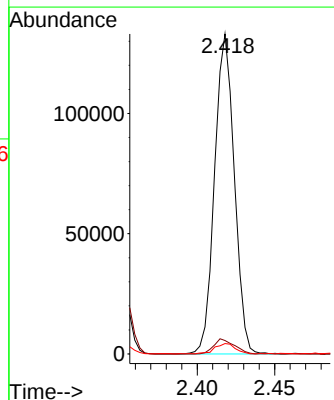
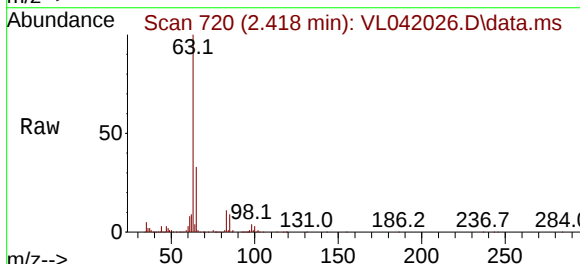
Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.1	12.1
42	8.5	7.5	11.3
44	6.4	4.5	6.7

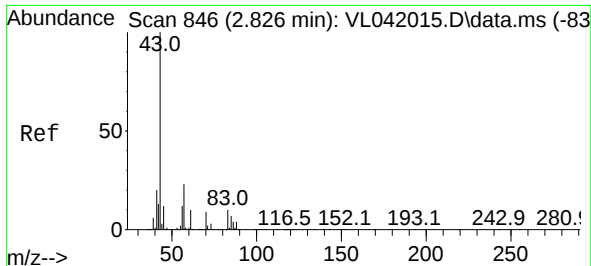


#24
 1,1-Dichloroethane
 Concen: 9.590 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

Tgt Ion: 63 Resp: 117827

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.4	7.2
100	3.2	1.6	4.8





#25

Ethyl Acetate

Concen: 10.167 ppbv

RT: 2.848 min Scan# 846

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 397841

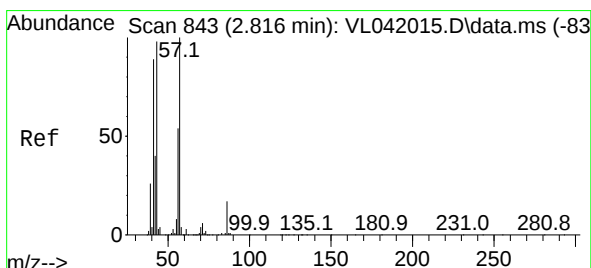
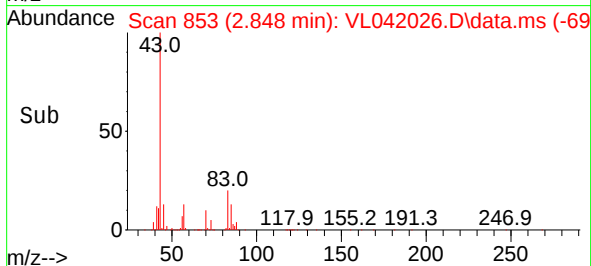
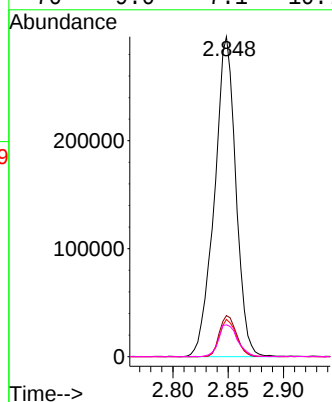
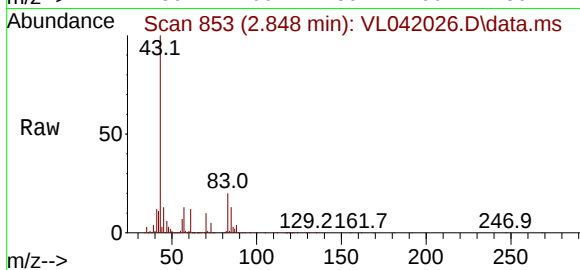
Ion Ratio Lower Upper

43 100

45 10.3 8.1 12.1

61 9.4 7.5 11.3

70 9.0 7.1 10.7



#26

Hexane

Concen: 10.207 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion: 57 Resp: 160279

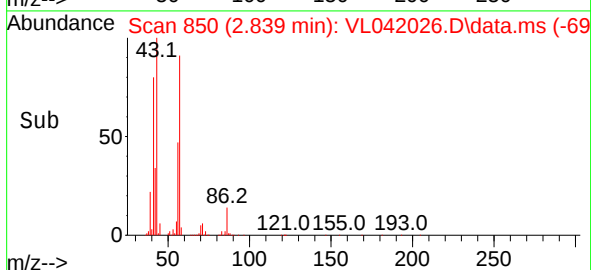
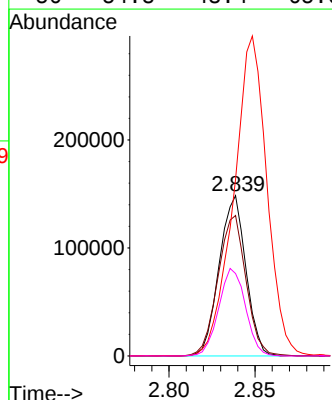
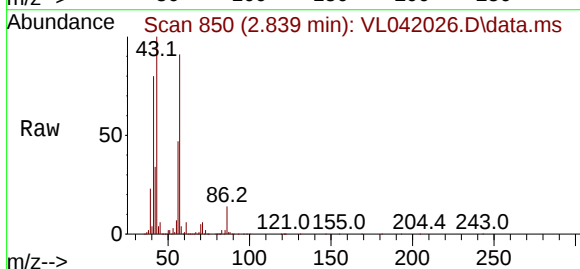
Ion Ratio Lower Upper

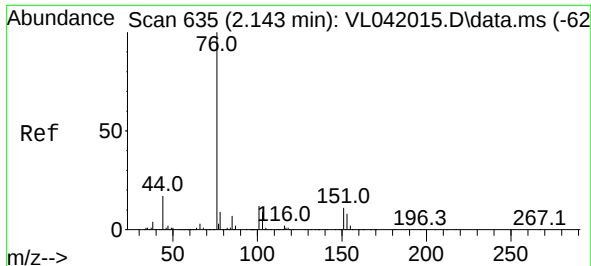
57 100

41 92.7 73.2 109.8

43 248.6 200.8 301.2

56 54.8 43.4 65.0

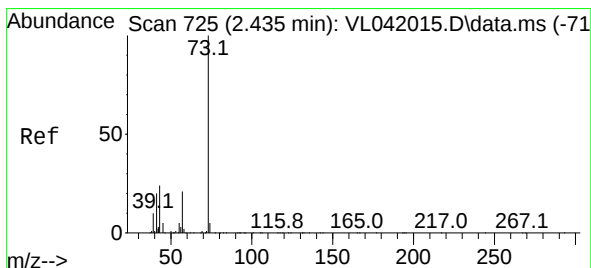
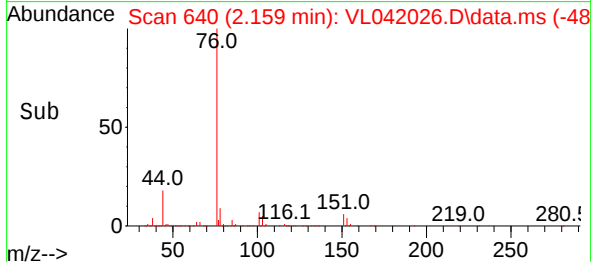
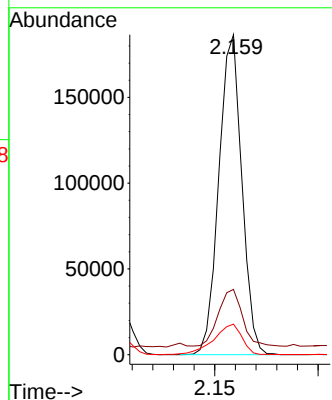
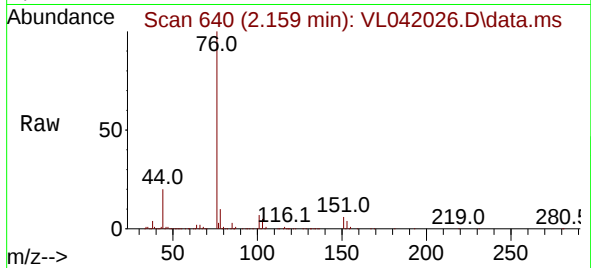




#27
Carbon Disulfide
Concen: 9.759 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

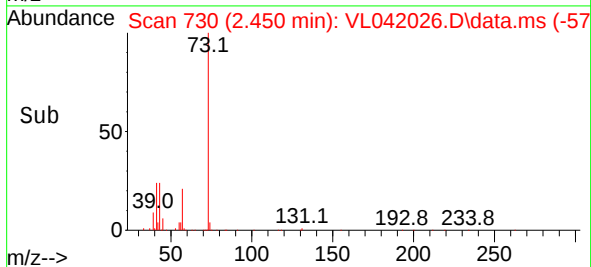
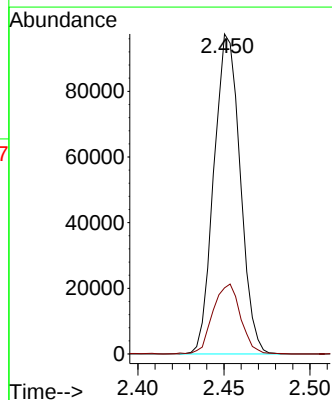
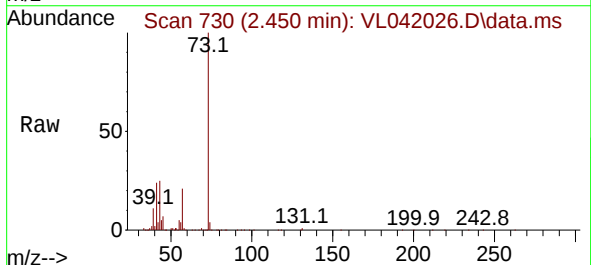
Instrument :
MSVOA_L
ClientSampleId :

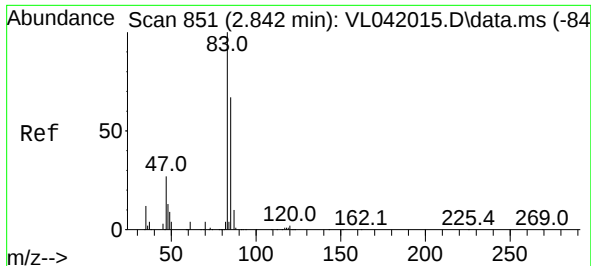
Tgt Ion: 76 Resp: 144128
Ion Ratio Lower Upper
76 100
44 19.5 18.1 27.1
78 11.8 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 10.796 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 73 Resp: 103632
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5





#29

Chloroform

Concen: 10.611 ppbv

RT: 2.861 min Scan# 851

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

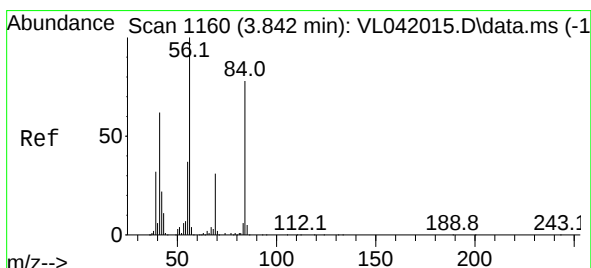
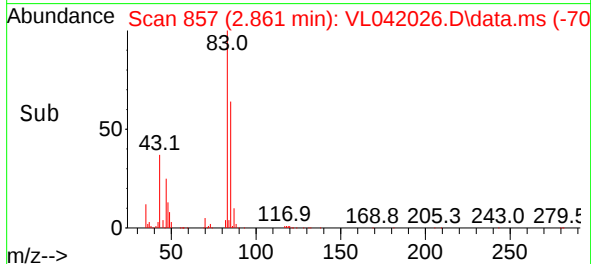
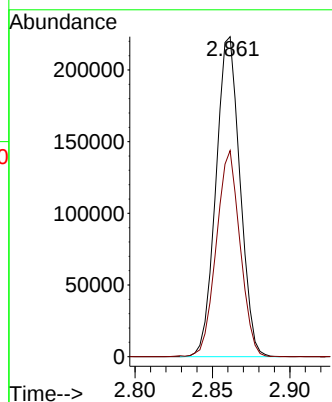
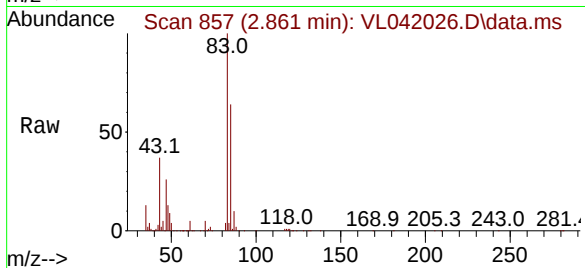
ClientSampleId :

Tgt Ion: 83 Resp: 241338

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.6



#30

Cyclohexane

Concen: 11.143 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

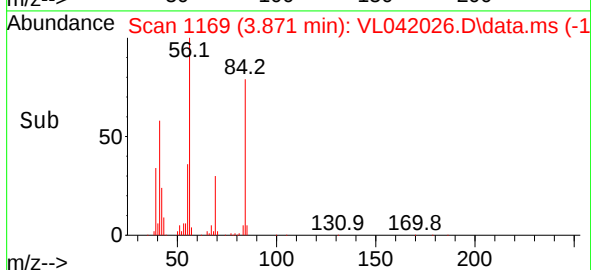
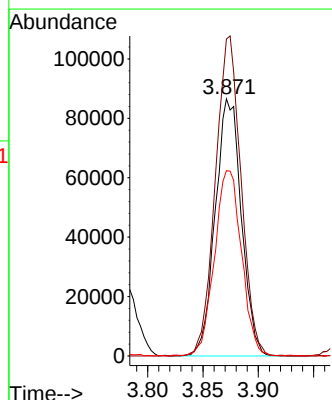
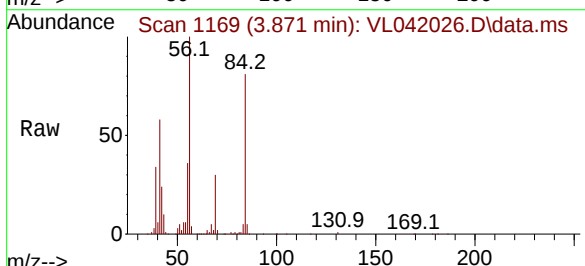
Tgt Ion: 84 Resp: 141951

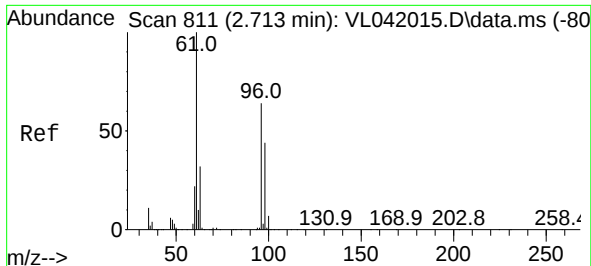
Ion Ratio Lower Upper

84 100

56 122.2 99.5 149.3

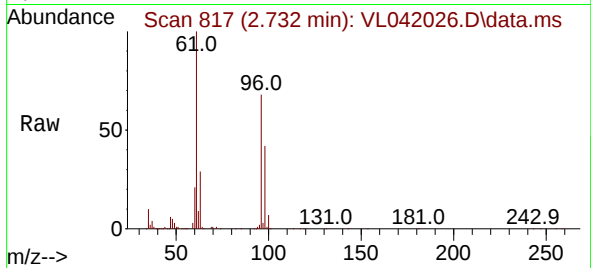
41 74.8 62.2 93.2



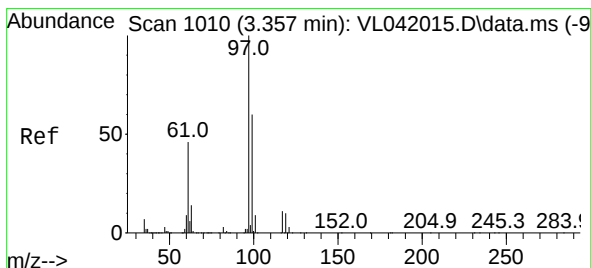
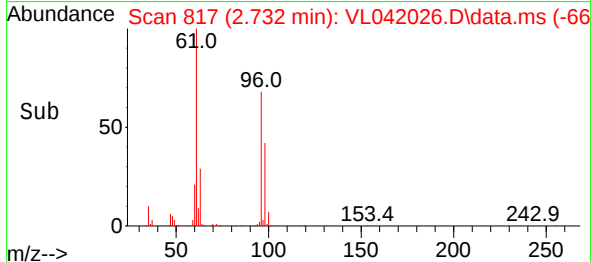
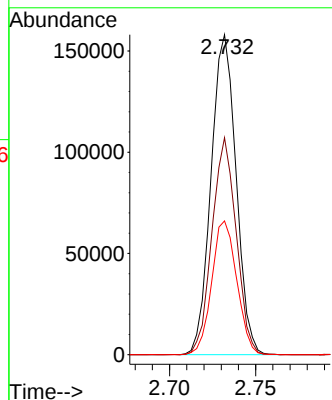


#31
 cis-1,2-Dichloroethene
 Concen: 10.313 ppbv
 RT: 2.732 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

Instrument :
 MSVOA_L
 ClientSampleId :

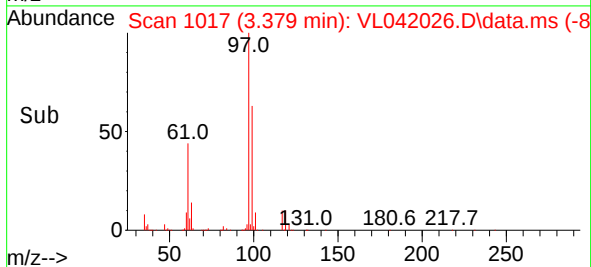
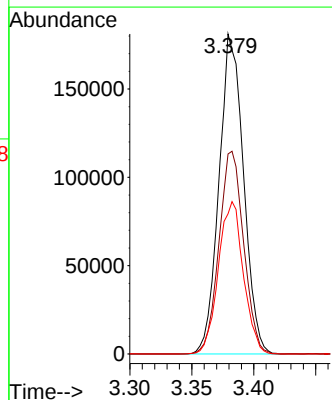
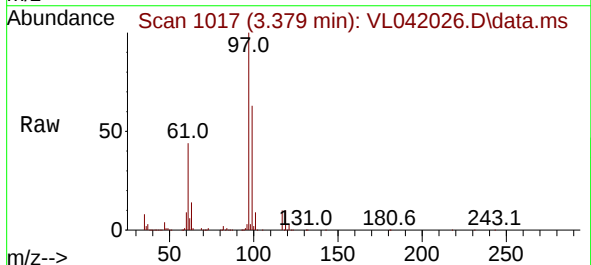


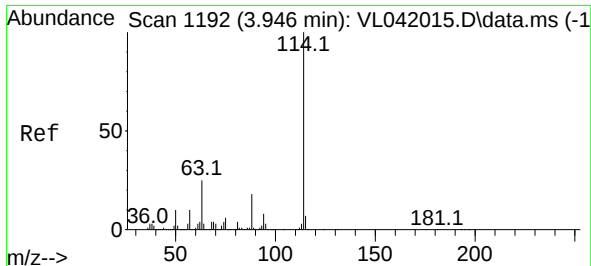
Tgt Ion: 61 Resp: 160060
 Ion Ratio Lower Upper
 61 100
 96 67.8 51.6 77.4
 98 41.8 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.899 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042026.D
 Acq: 17 Feb 2025 12:46

Tgt Ion: 97 Resp: 249678
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.4
 61 48.6 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

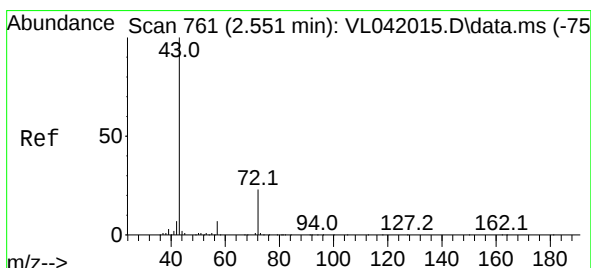
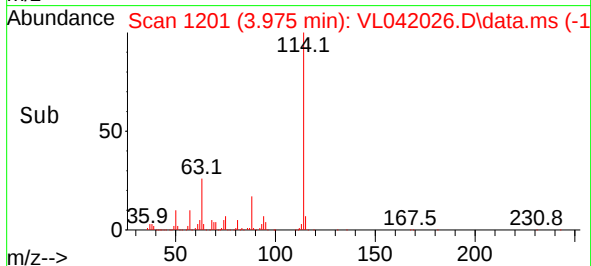
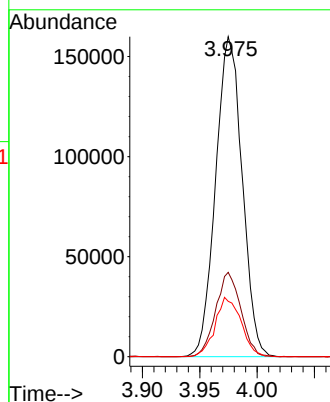
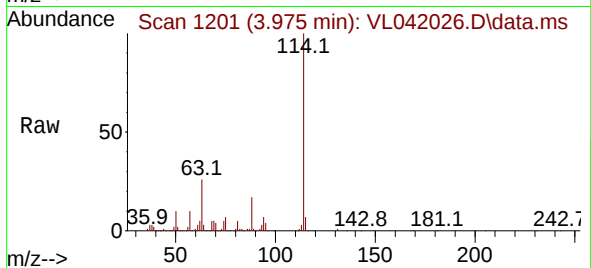
Tgt Ion:114 Resp: 257287

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 18.1 14.4 21.6



#34

2-Butanone

Concen: 10.040 ppbv

RT: 2.567 min Scan# 766

Delta R.T. -0.003 min

Lab File: VL042026.D

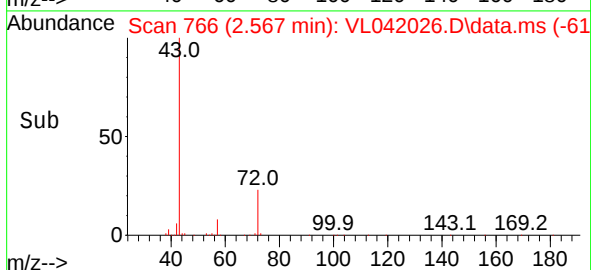
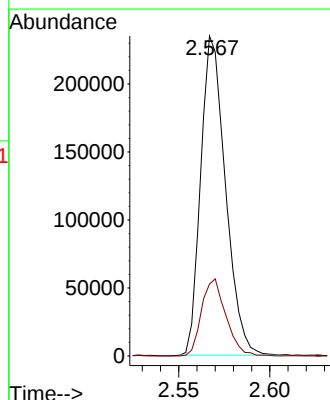
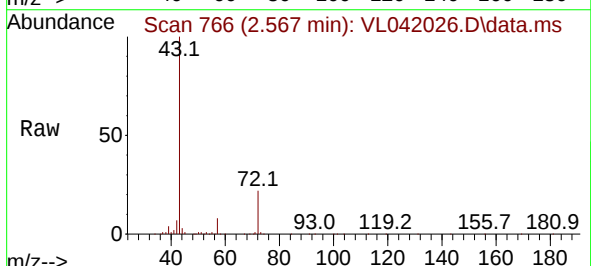
Acq: 17 Feb 2025 12:46

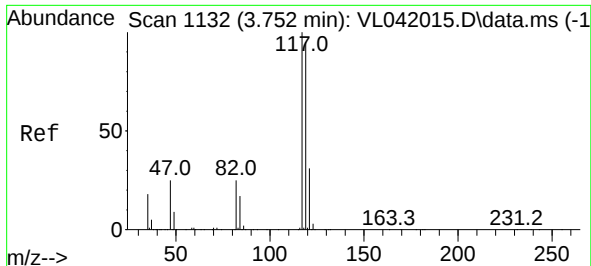
Tgt Ion: 43 Resp: 222243

Ion Ratio Lower Upper

43 100

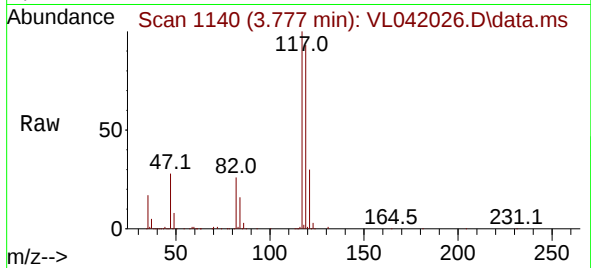
72 23.8 18.3 27.5



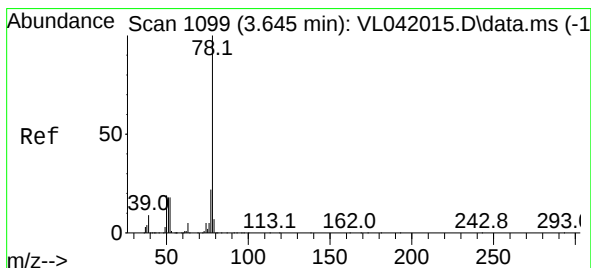
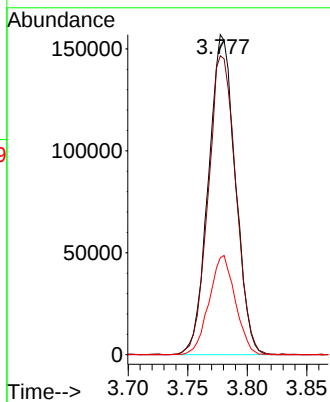
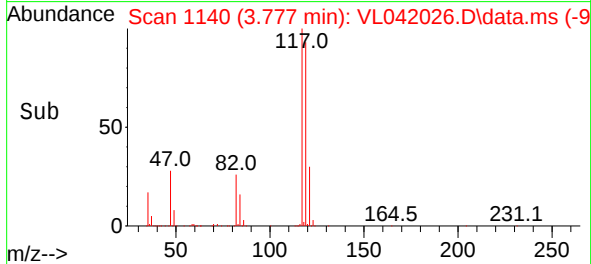


#35
Carbon Tetrachloride
Concen: 9.868 ppbv
RT: 3.777 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

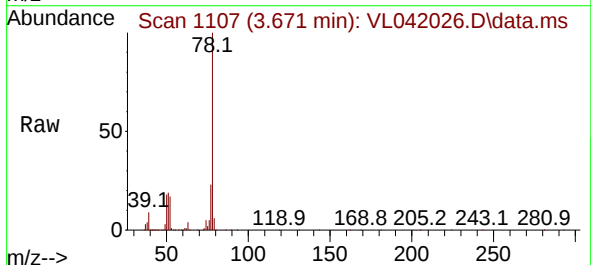
Instrument :
MSVOA_L
ClientSampleId :



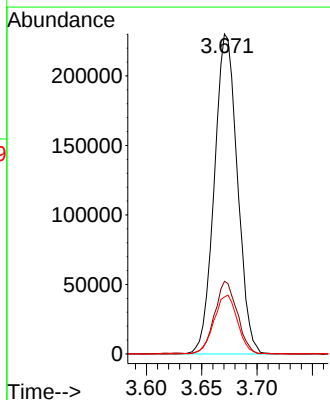
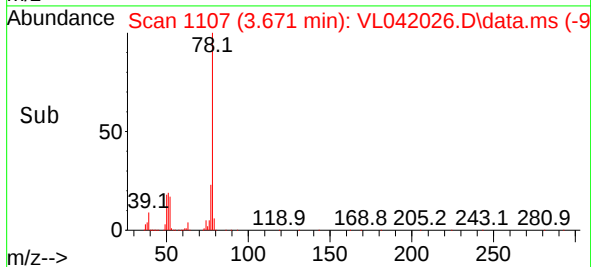
Tgt Ion:117 Resp: 246536
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.6
121 30.3 24.6 36.8

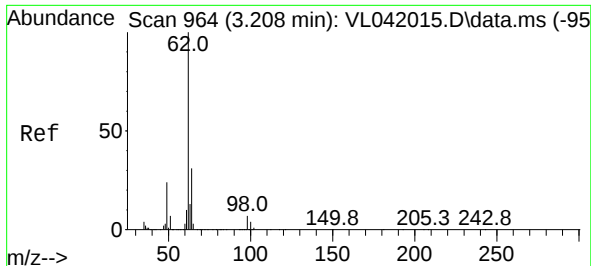


#36
Benzene
Concen: 10.724 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46



Tgt Ion: 78 Resp: 334217
Ion Ratio Lower Upper
78 100
77 22.6 18.0 27.0
50 17.8 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.562 ppbv

RT: 3.234 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

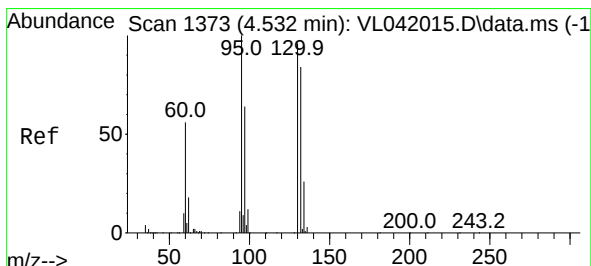
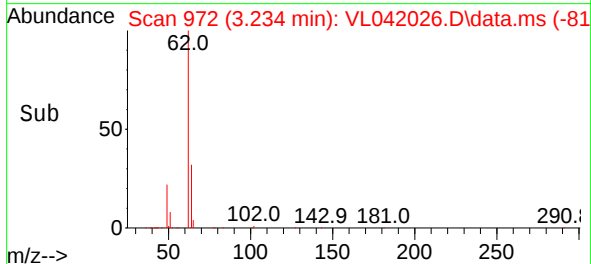
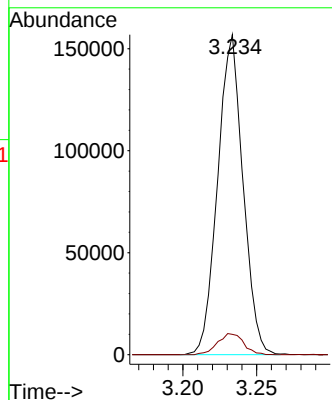
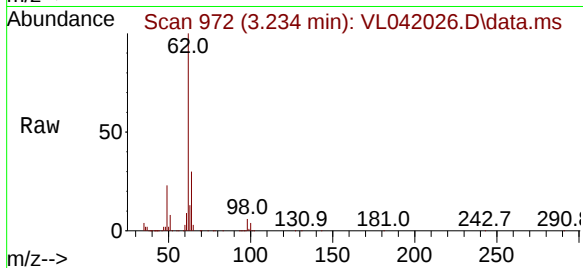
ClientSampleId :

Tgt Ion: 62 Resp: 187389

Ion Ratio Lower Upper

62 100

98 6.8 5.7 8.5



#38

Trichloroethene

Concen: 9.839 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion:130 Resp: 124579

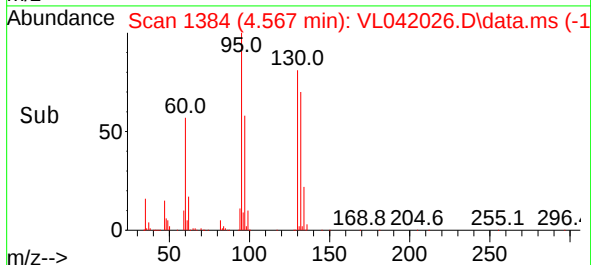
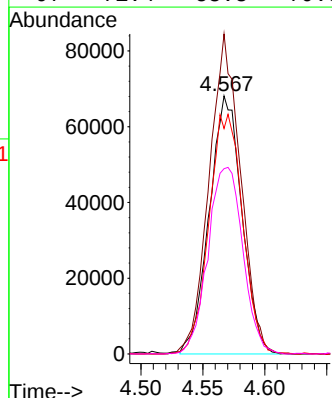
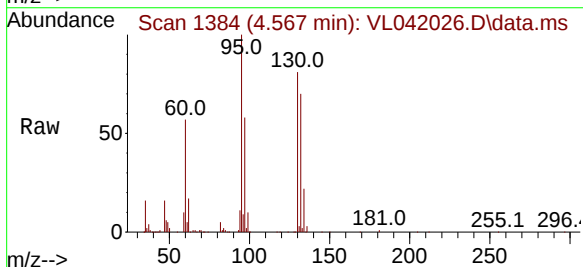
Ion Ratio Lower Upper

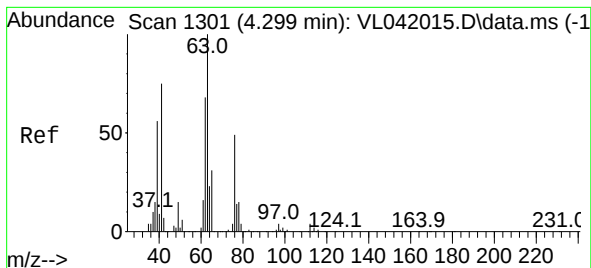
130 100

95 123.5 82.8 124.2

132 86.9 70.0 105.0

97 71.4 53.3 79.9





#39

1,2-Dichloropropane

Concen: 10.248 ppbv

RT: 4.331 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

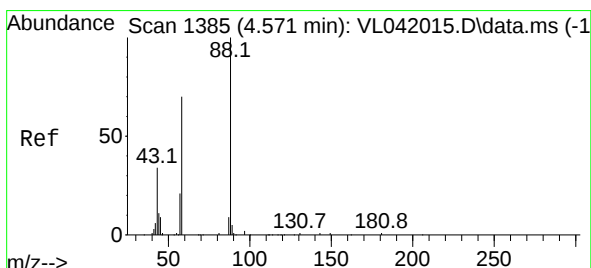
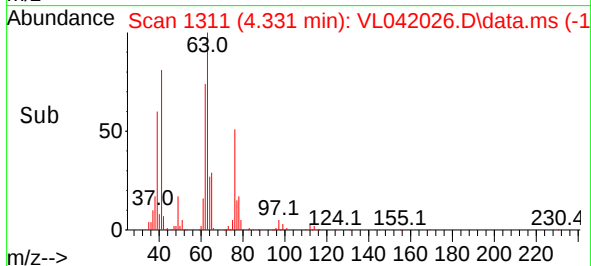
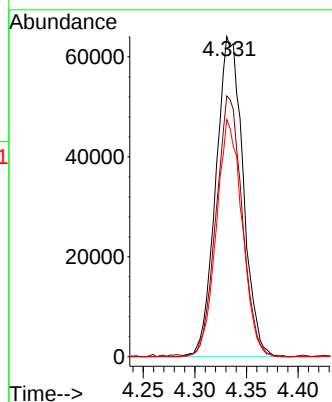
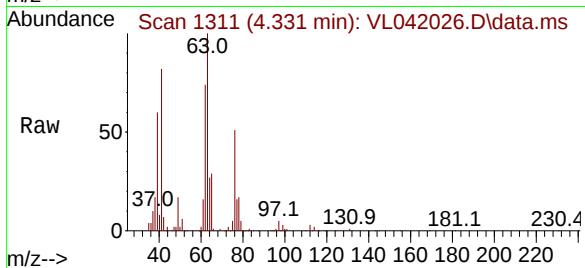
Tgt Ion: 63 Resp: 117099

Ion Ratio Lower Upper

63 100

41 81.2 60.1 90.1

62 74.1 54.0 81.0



#40

1,4-Dioxane

Concen: 9.709 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion: 88 Resp: 57725

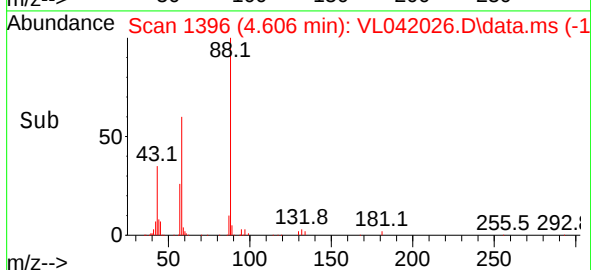
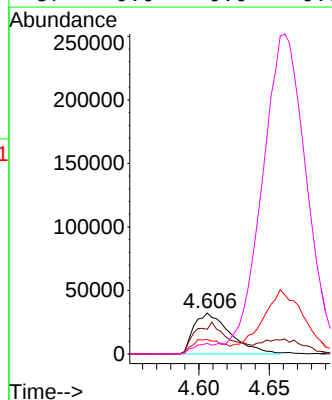
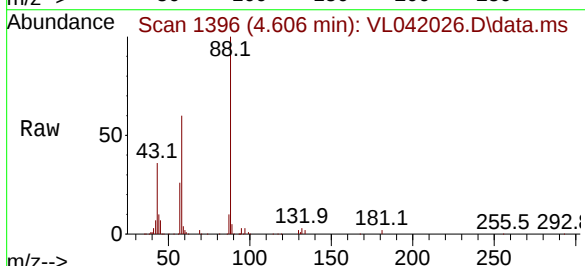
Ion Ratio Lower Upper

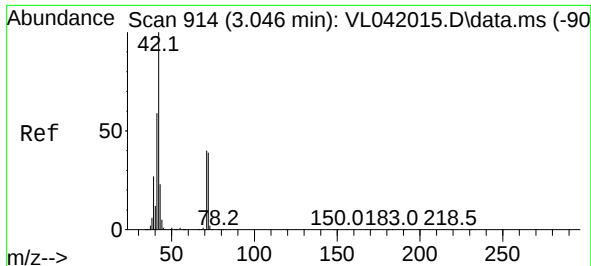
88 100

58 73.3 58.1 87.1

43 36.3 27.3 40.9

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.355 ppbv

RT: 3.068 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

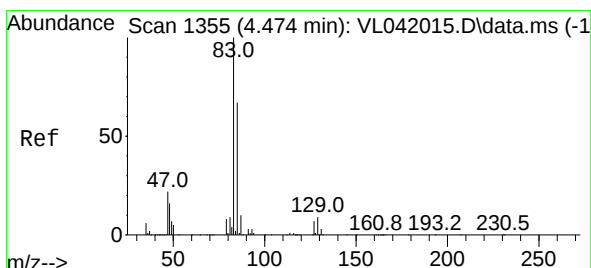
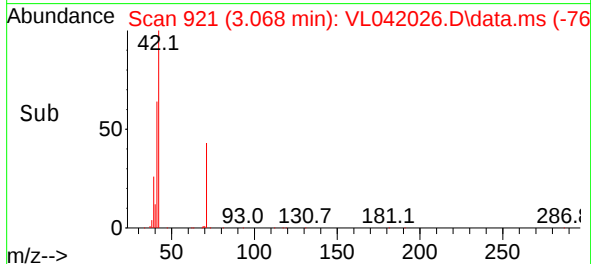
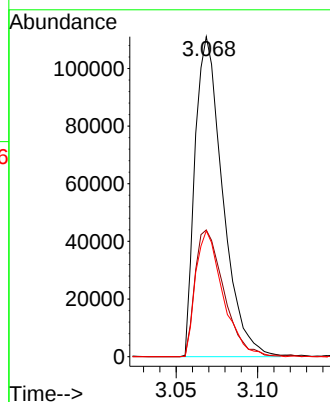
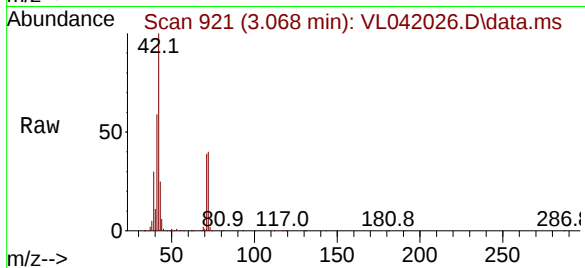
Tgt Ion: 42 Resp: 130993

Ion Ratio Lower Upper

42 100

72 41.5 32.3 48.5

71 39.0 30.9 46.3



#42

Bromodichloromethane

Concen: 11.123 ppbv

RT: 4.509 min Scan# 1366

Delta R.T. -0.006 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

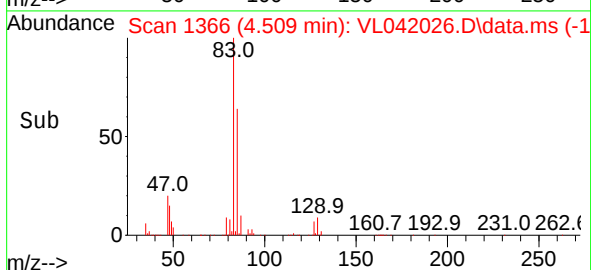
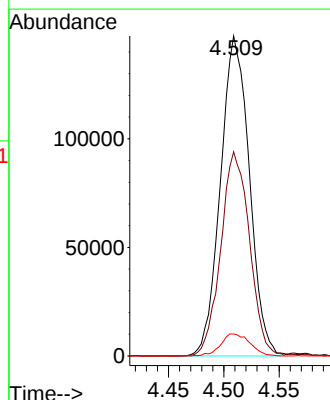
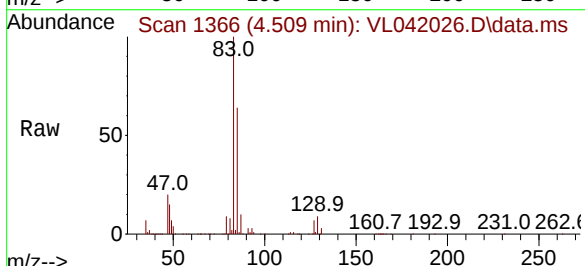
Tgt Ion: 83 Resp: 267353

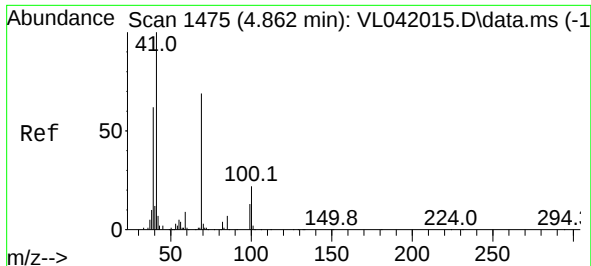
Ion Ratio Lower Upper

83 100

85 63.8 53.3 79.9

127 6.8 6.0 9.0





#43

Methyl Methacrylate

Concen: 9.602 ppbv

RT: 4.900 min Scan# 1413

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

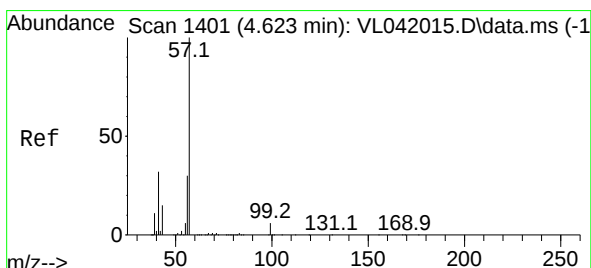
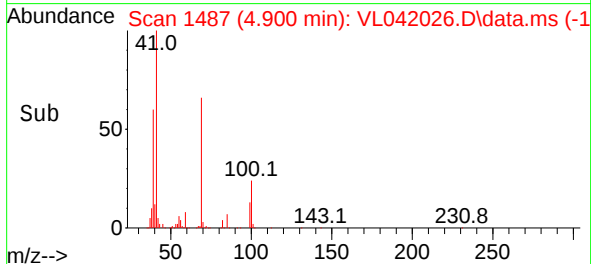
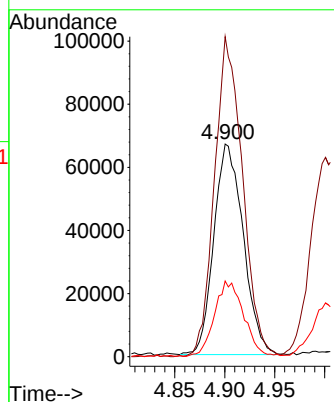
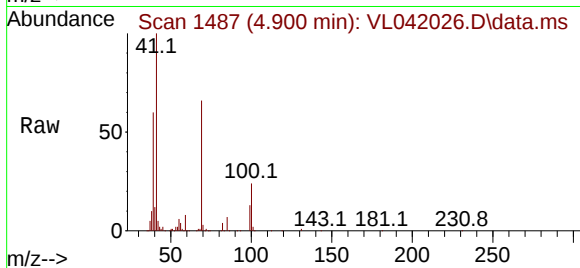
Tgt Ion: 69 Resp: 136419

Ion Ratio Lower Upper

69 100

41 145.1 114.9 172.3

100 35.9 28.8 43.2



#44

2,2,4-Trimethylpentane

Concen: 10.306 ppbv

RT: 4.661 min Scan# 1413

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

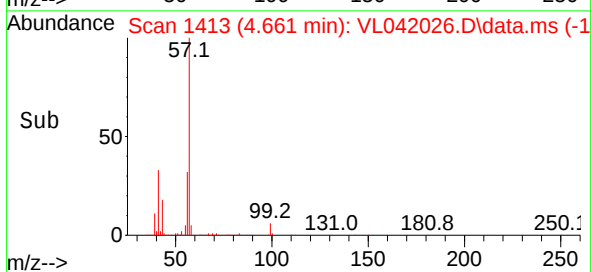
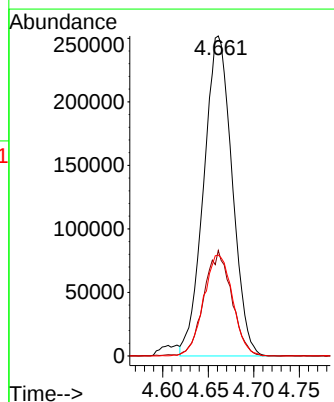
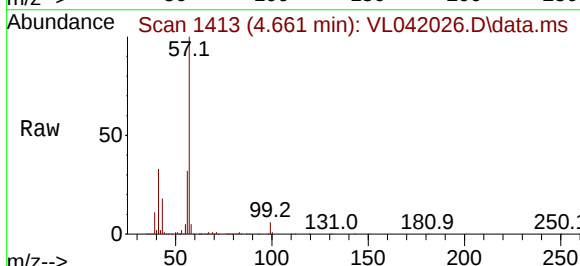
Tgt Ion: 57 Resp: 545237

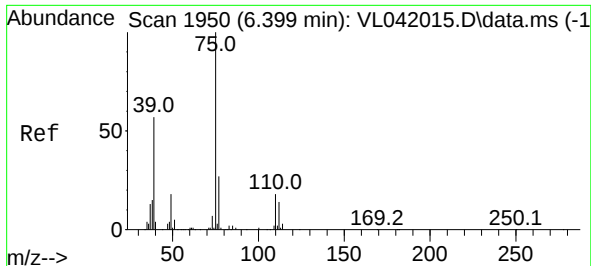
Ion Ratio Lower Upper

57 100

41 32.6 25.9 38.9

56 32.3 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 11.020 ppbv

RT: 6.441 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

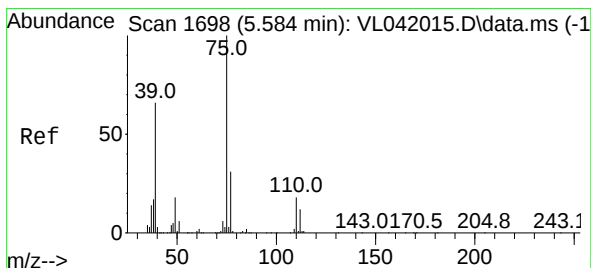
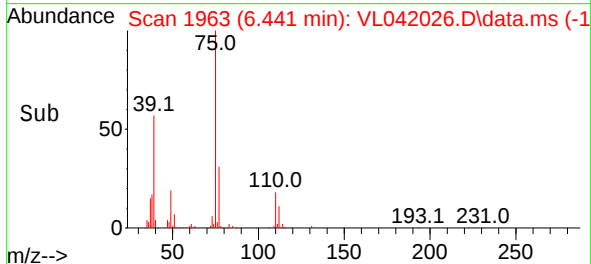
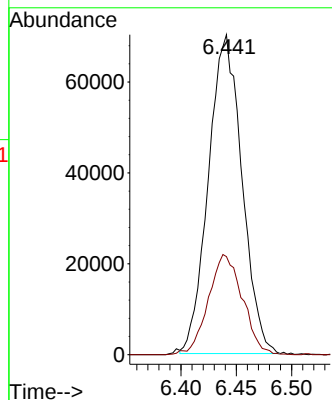
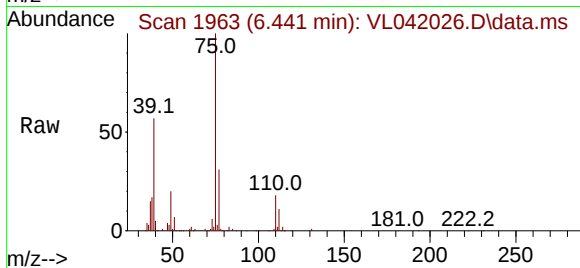
ClientSampleId :

Tgt Ion: 75 Resp: 147807

Ion Ratio Lower Upper

75 100

77 30.6 22.1 33.1



#46

cis-1,3-Dichloropropene

Concen: 10.704 ppbv

RT: 5.625 min Scan# 1711

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

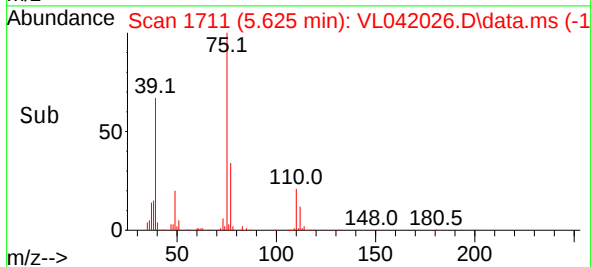
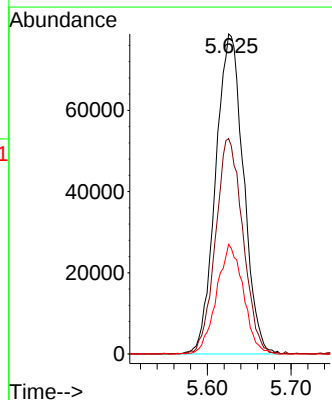
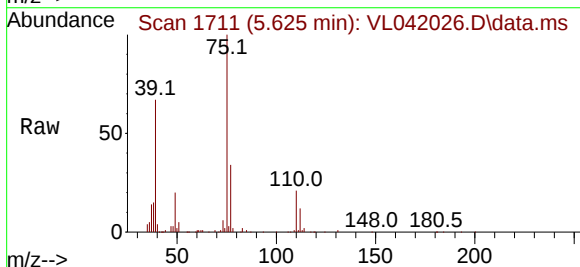
Tgt Ion: 75 Resp: 182148

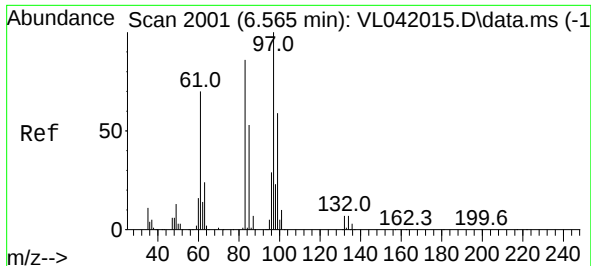
Ion Ratio Lower Upper

75 100

39 67.2 52.2 78.4

77 34.2 24.5 36.7





#47

1,1,2-Trichloroethane

Concen: 10.573 ppbv

RT: 6.606 min Scan# 2001

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 127145

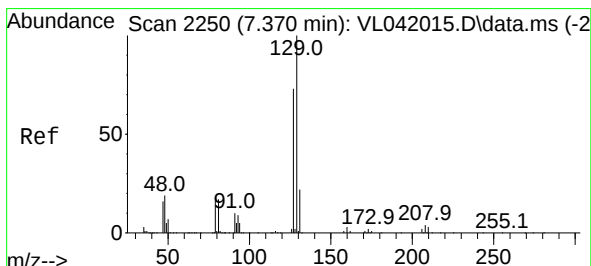
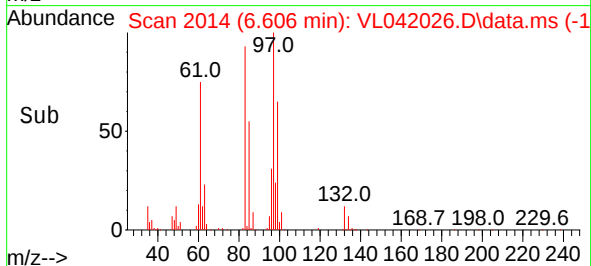
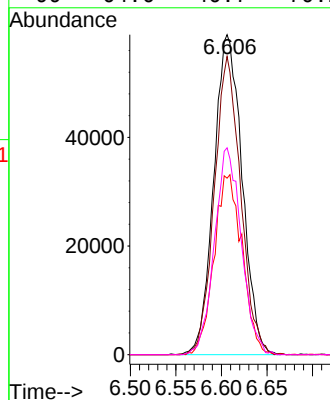
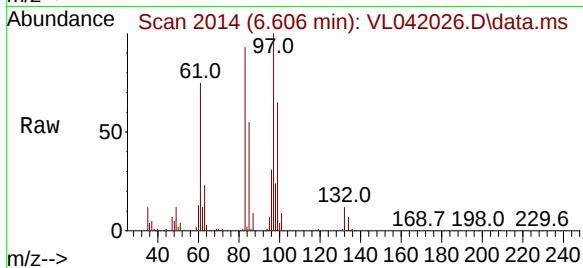
Ion Ratio Lower Upper

97 100

83 92.9 68.6 102.8

85 55.1 42.2 63.4

99 64.6 46.7 70.1



#48

Dibromochloromethane

Concen: 10.436 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.003 min

Lab File: VL042026.D

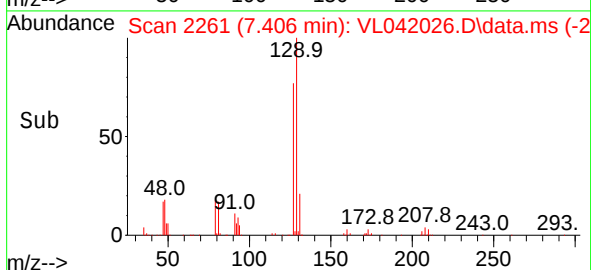
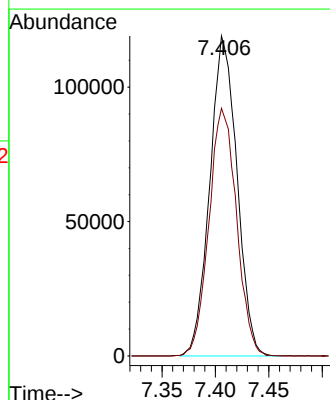
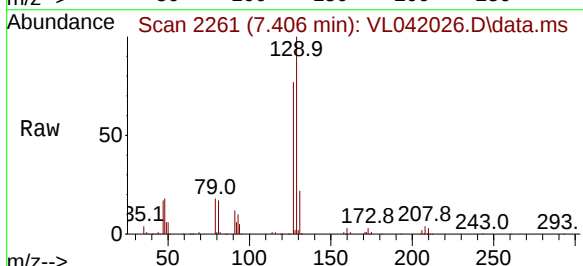
Acq: 17 Feb 2025 12:46

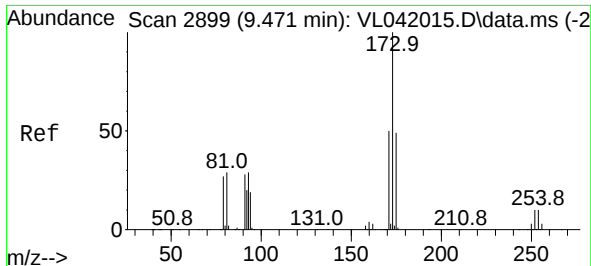
Tgt Ion:129 Resp: 210171

Ion Ratio Lower Upper

129 100

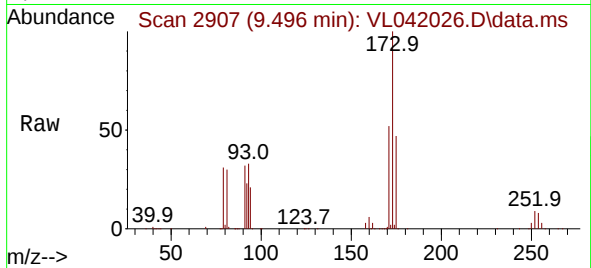
127 78.5 38.2 114.6



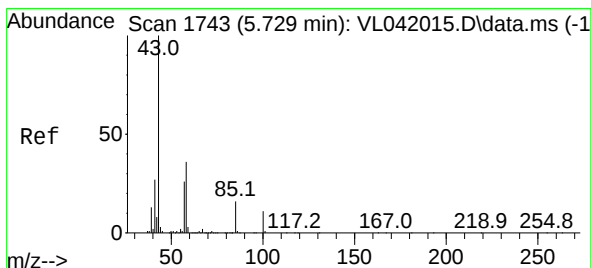
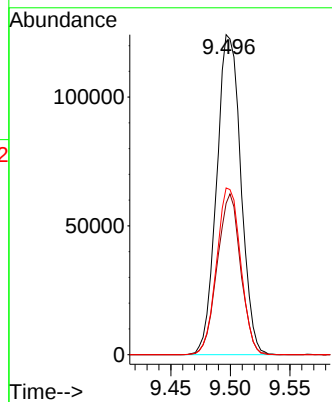
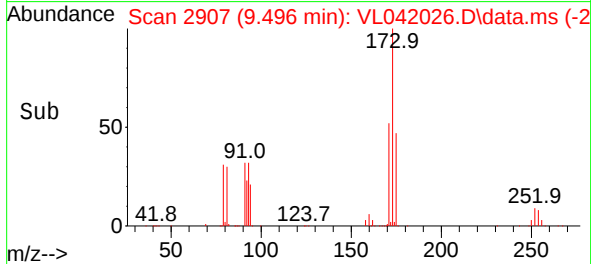


#49
Bromoform
Concen: 10.617 ppbv
RT: 9.496 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Instrument :
MSVOA_L
ClientSampleId :

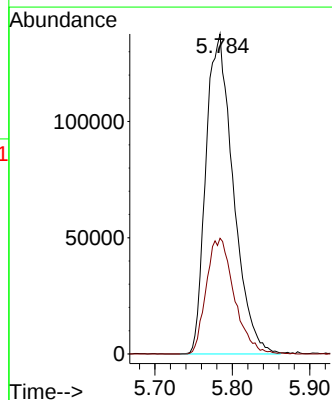
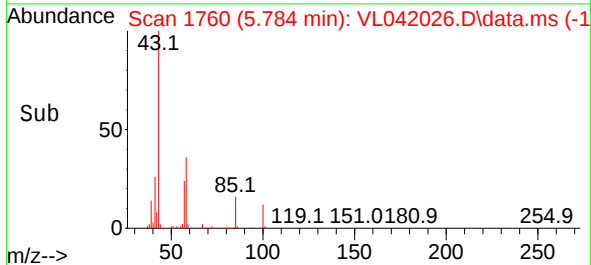
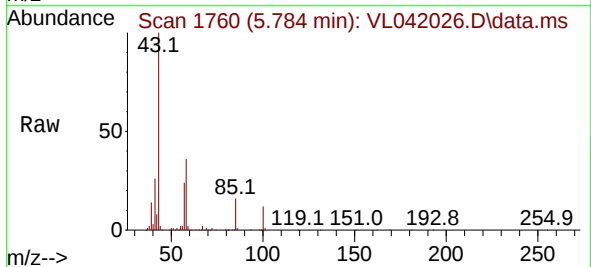


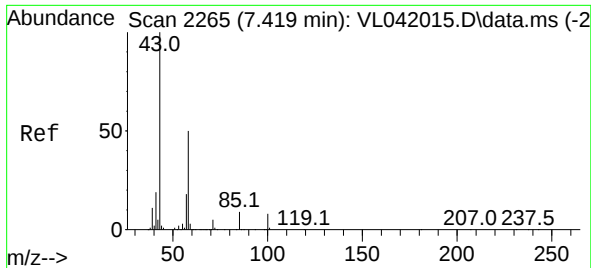
Tgt Ion:173 Resp: 175394
Ion Ratio Lower Upper
173 100
175 48.6 39.3 58.9
171 51.8 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 9.925 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 43 Resp: 337630
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0

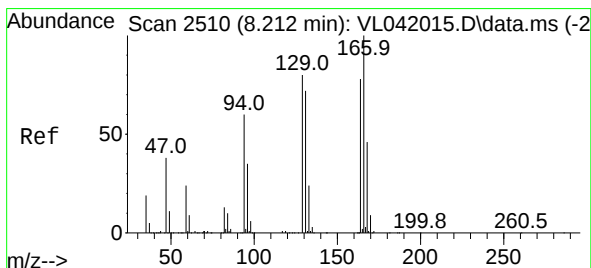
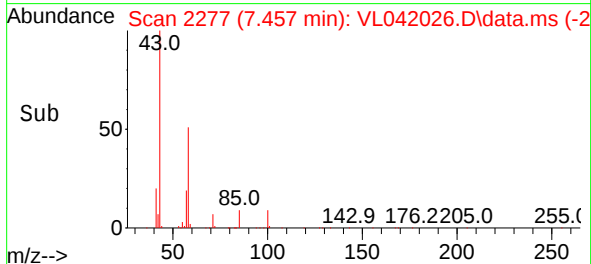
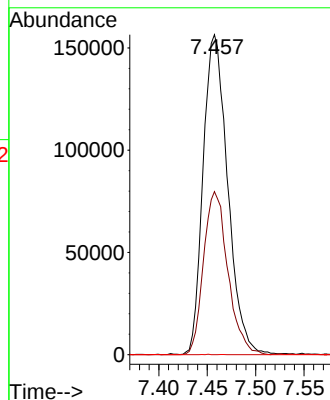
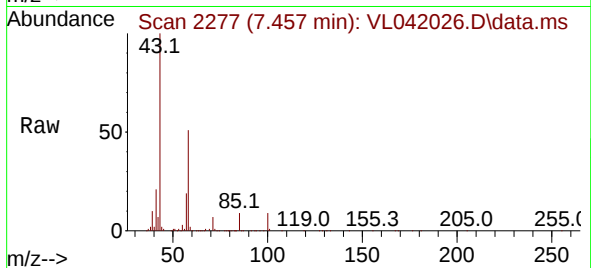




#51
2-Hexanone
Concen: 9.920 ppbv
RT: 7.457 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

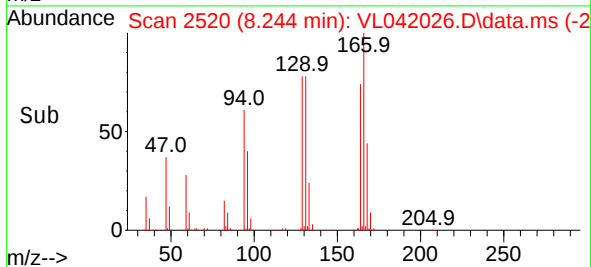
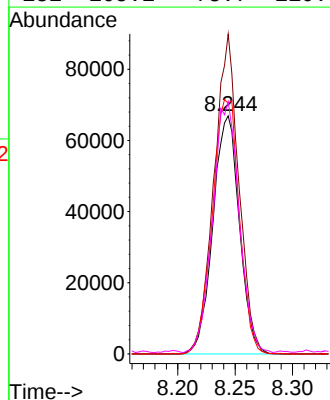
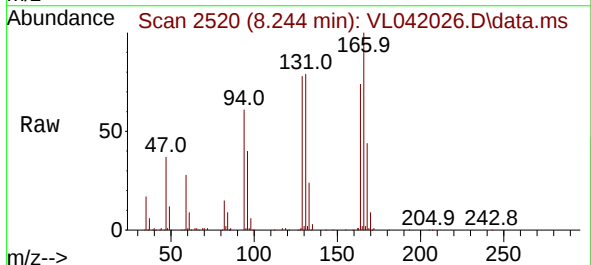
Instrument :
MSVOA_L
ClientSampleId :

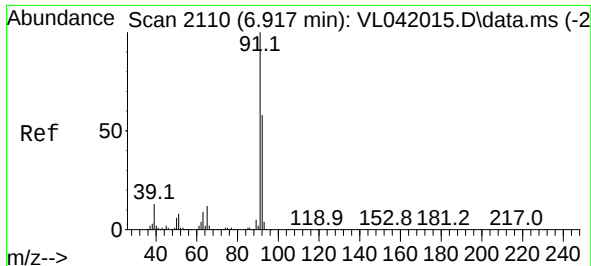
Tgt Ion: 43 Resp: 276009
Ion Ratio Lower Upper
43 100
58 50.7 41.4 62.0
98 0.0 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.842 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion:164 Resp: 106990
Ion Ratio Lower Upper
164 100
166 134.4 102.2 153.2
129 105.2 82.2 123.4
131 105.1 73.7 110.5

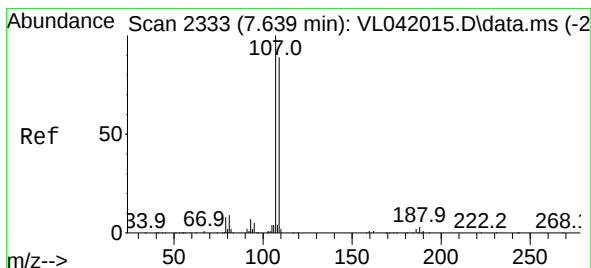
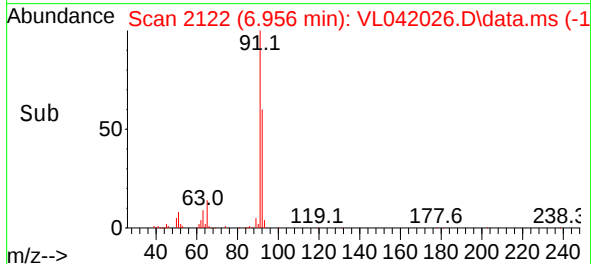
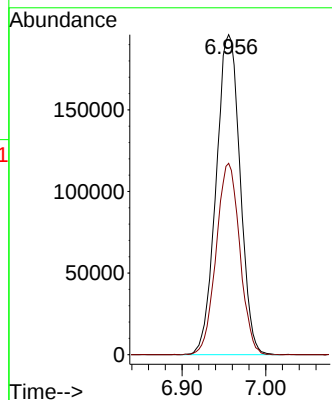
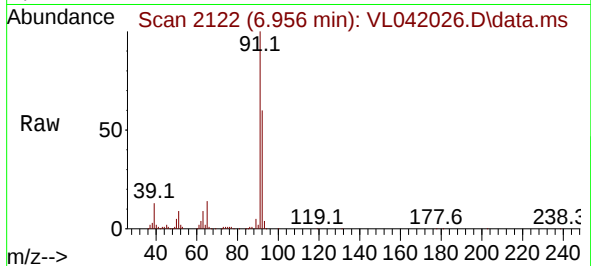




#53
Toluene
Concen: 10.477 ppbv
RT: 6.956 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

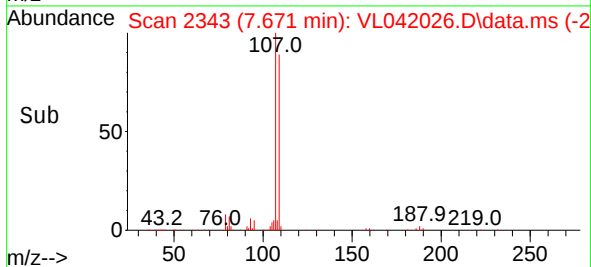
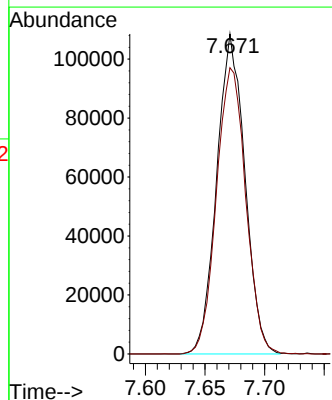
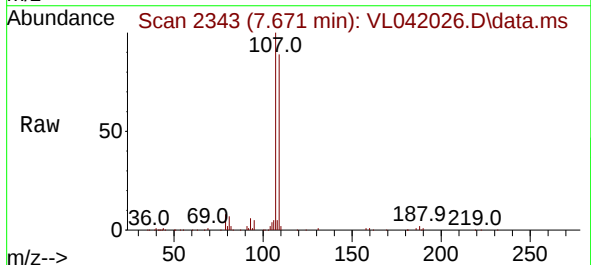
Instrument :
MSVOA_L
ClientSampleId :

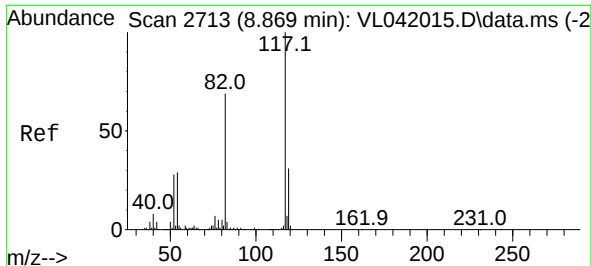
Tgt Ion: 91 Resp: 389095
Ion Ratio Lower Upper
91 100
92 59.0 47.5 71.3



#54
1,2-Dibromoethane
Concen: 10.750 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.003 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 107 Resp: 177982
Ion Ratio Lower Upper
107 100
109 89.5 71.5 107.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2713

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

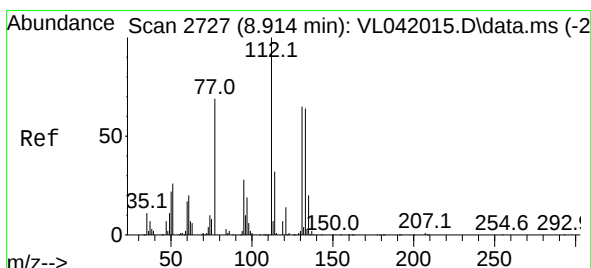
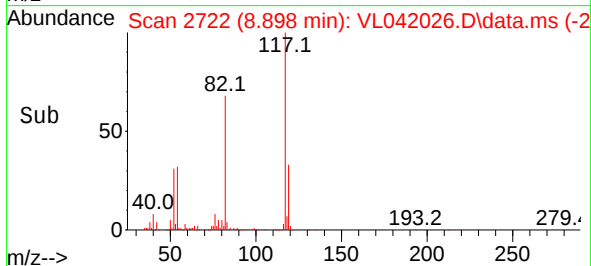
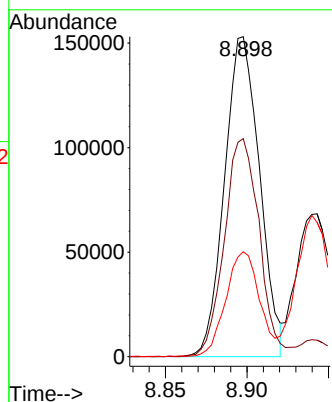
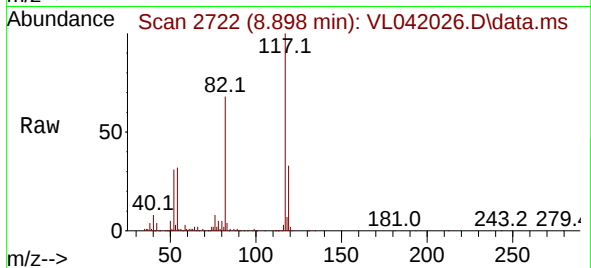
Tgt Ion:117 Resp: 228652

Ion Ratio Lower Upper

117 100

82 72.6 55.7 83.5

119 31.0 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 9.915 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

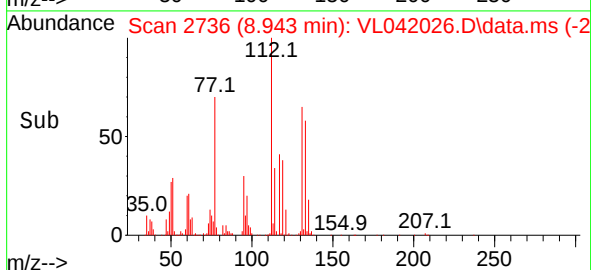
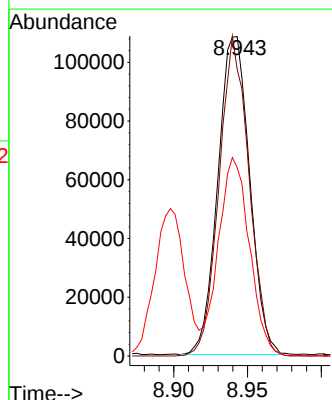
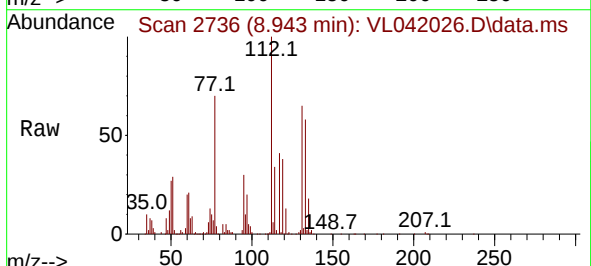
Tgt Ion:131 Resp: 162273

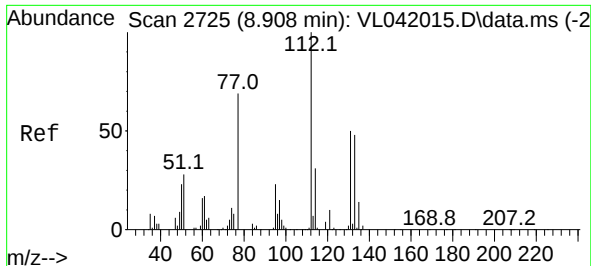
Ion Ratio Lower Upper

131 100

133 94.6 77.8 116.8

119 60.1 49.1 73.7





#57

Chlorobenzene

Concen: 10.602 ppbv

RT: 8.937 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

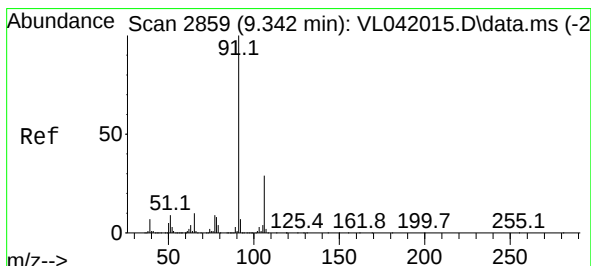
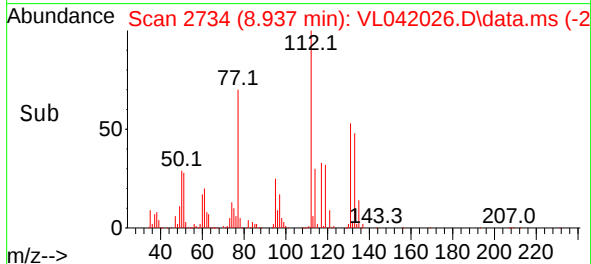
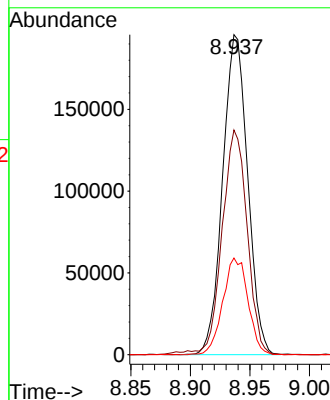
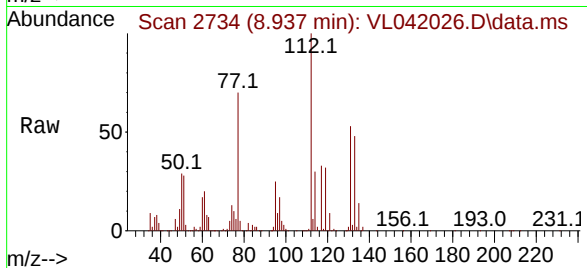
Tgt Ion:112 Resp: 285182

Ion Ratio Lower Upper

112 100

77 70.1 56.2 84.2

114 30.1 28.2 34.4



#58

Ethyl Benzene

Concen: 10.746 ppbv

RT: 9.370 min Scan# 2868

Delta R.T. 0.000 min

Lab File: VL042026.D

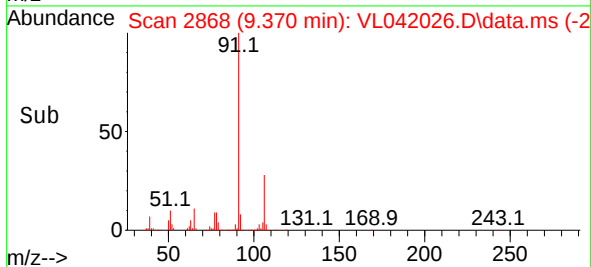
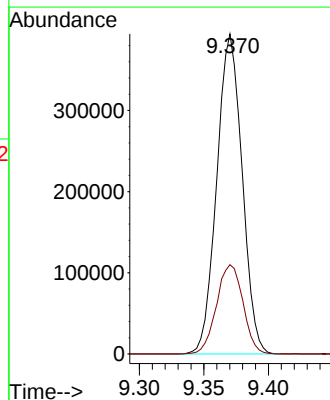
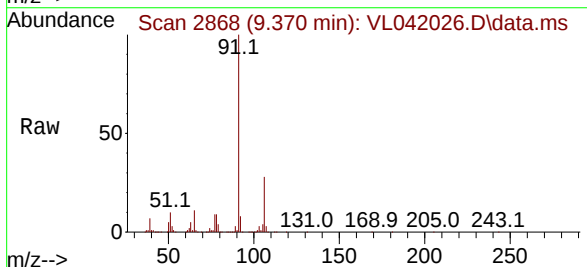
Acq: 17 Feb 2025 12:46

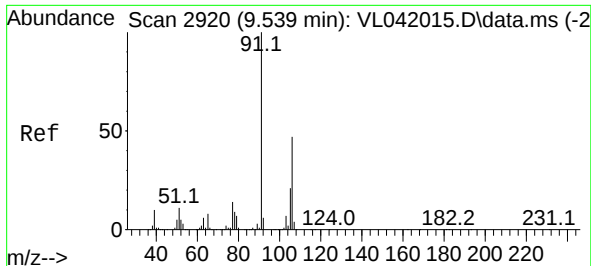
Tgt Ion: 91 Resp: 537770

Ion Ratio Lower Upper

91 100

106 27.9 23.1 34.7





#59

m/p-Xylene

Concen: 11.956 ppbv

RT: 9.548 min Scan# 2920

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

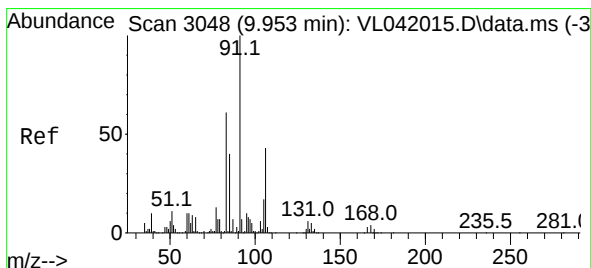
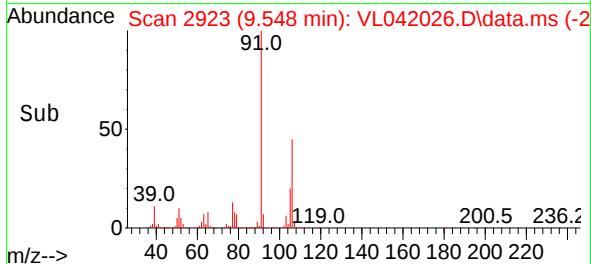
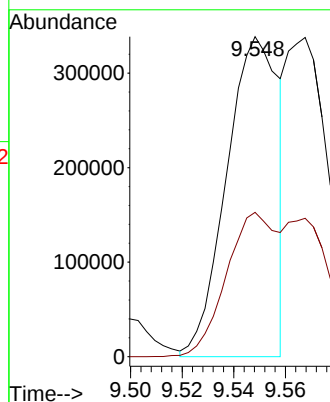
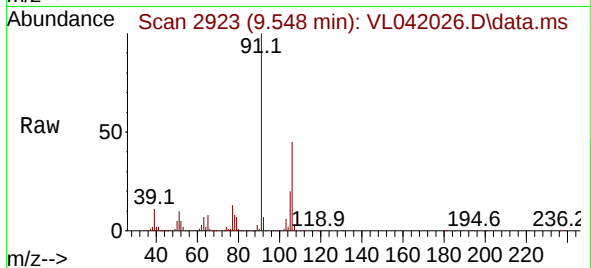
ClientSampleId :

Tgt Ion: 91 Resp: 471279

Ion Ratio Lower Upper

91 100

106 80.6 35.8 53.8#



#60

o-Xylene

Concen: 10.684 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL042026.D

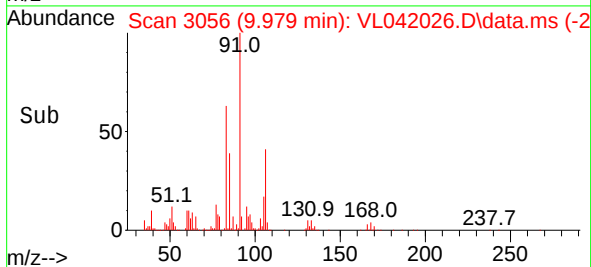
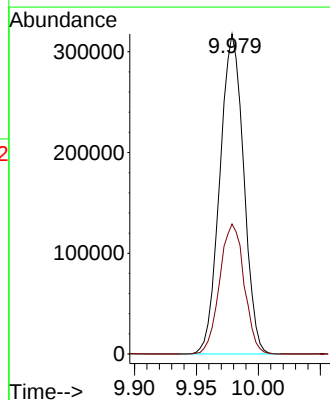
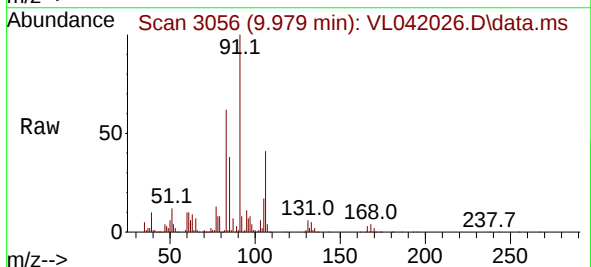
Acq: 17 Feb 2025 12:46

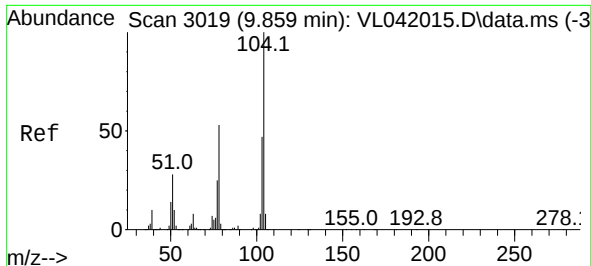
Tgt Ion: 91 Resp: 425899

Ion Ratio Lower Upper

91 100

106 41.7 21.4 64.3

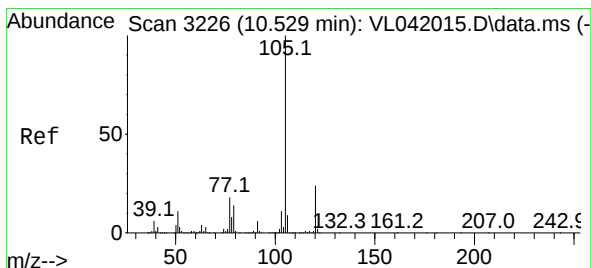
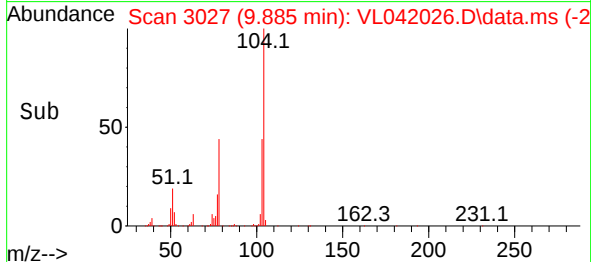
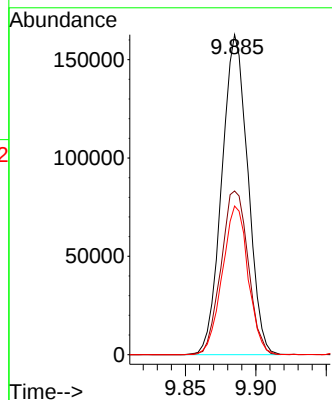
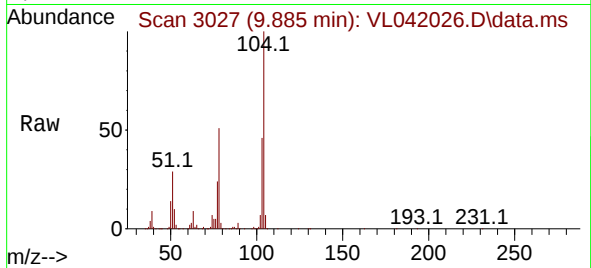




#61
Styrene
Concen: 11.003 ppbv
RT: 9.885 min Scan# 3019
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

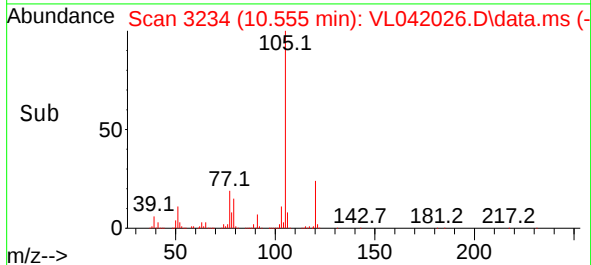
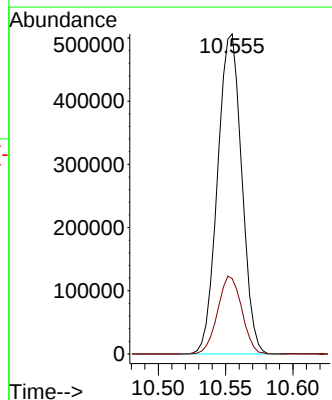
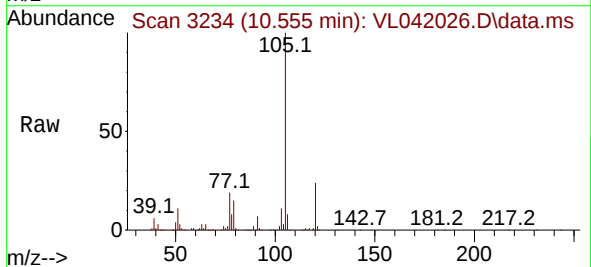
Instrument :
MSVOA_L
ClientSampleId :

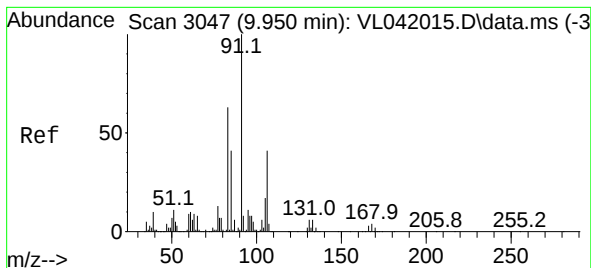
Tgt Ion:104 Resp: 209155
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 46.3 38.1 57.1



#62
Isopropylbenzene
Concen: 10.547 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion:105 Resp: 631219
Ion Ratio Lower Upper
105 100
120 24.2 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.940 ppbv

RT: 9.979 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

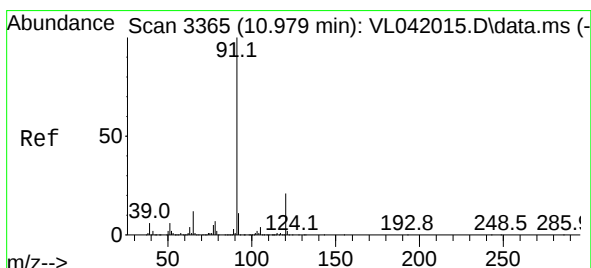
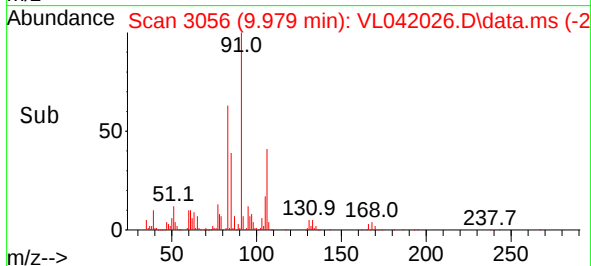
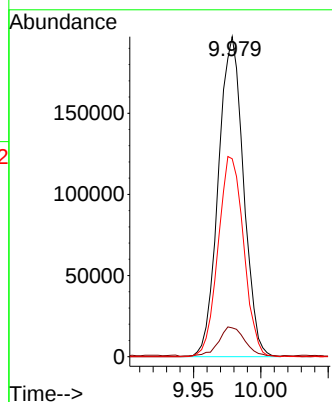
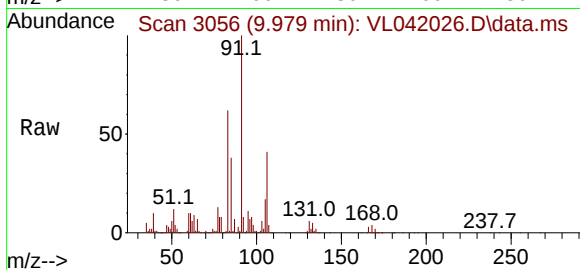
Tgt Ion: 83 Resp: 255647

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 63.5 32.1 96.3



#64

n-propylbenzene

Concen: 10.732 ppbv

RT: 11.001 min Scan# 3372

Delta R.T. -0.003 min

Lab File: VL042026.D

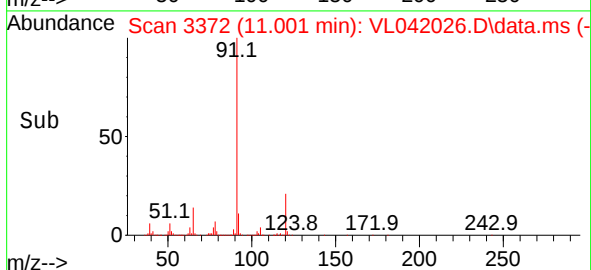
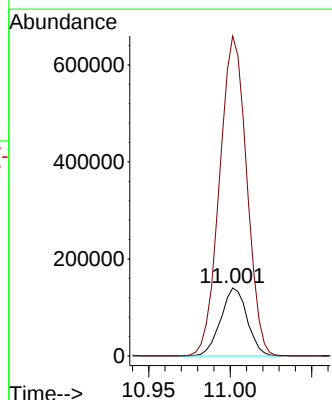
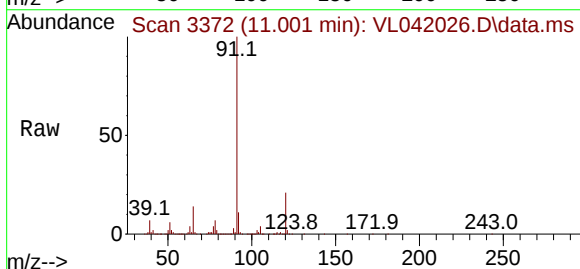
Acq: 17 Feb 2025 12:46

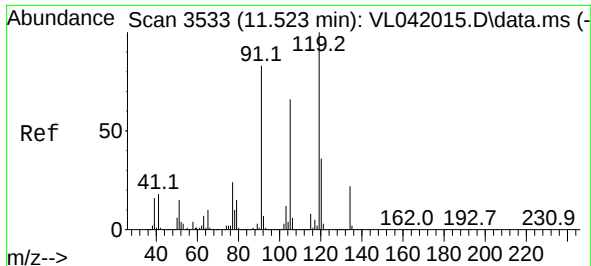
Tgt Ion:120 Resp: 157826

Ion Ratio Lower Upper

120 100

91 484.5 392.2 588.2

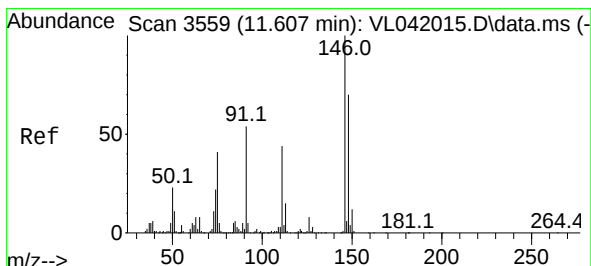
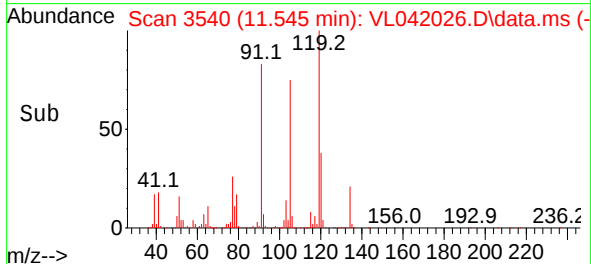
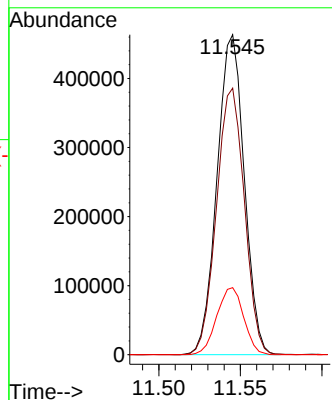
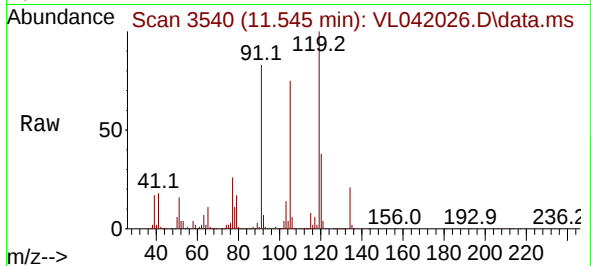




#65
tert-Butylbenzene
Concen: 10.311 ppbv
RT: 11.545 min Scan# 3533
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

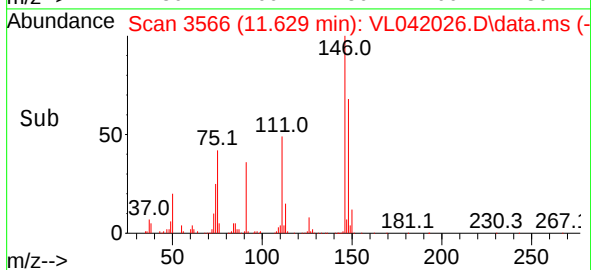
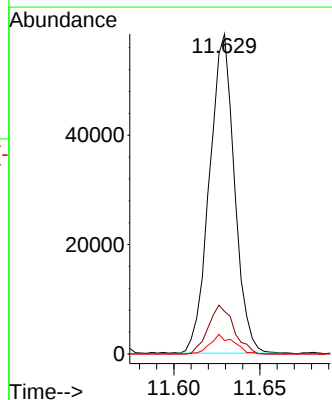
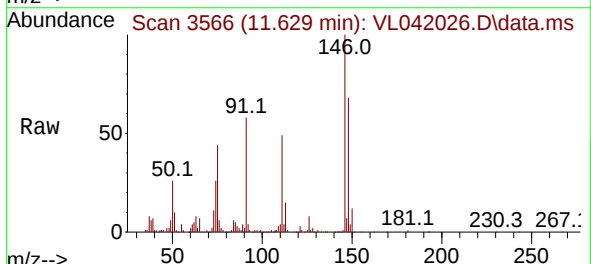
Instrument :
MSVOA_L
ClientSampleId :

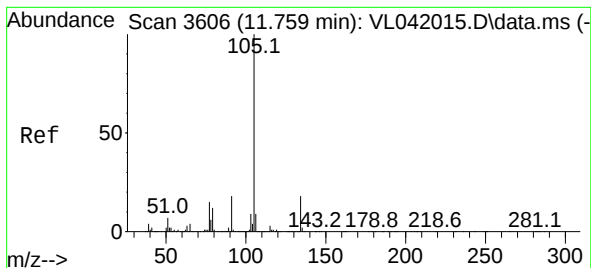
Tgt Ion:119 Resp: 537970
Ion Ratio Lower Upper
119 100
91 85.3 66.5 99.7
134 20.7 16.6 24.8



#66
Benzyl Chloride
Concen: 11.274 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL042026.D
Acq: 17 Feb 2025 12:46

Tgt Ion: 91 Resp: 58963
Ion Ratio Lower Upper
91 100
126 15.6 13.8 20.6
128 5.8 4.1 6.1





#67

sec-Butylbenzene

Concen: 10.565 ppbv

RT: 11.782 min Scan# 3

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

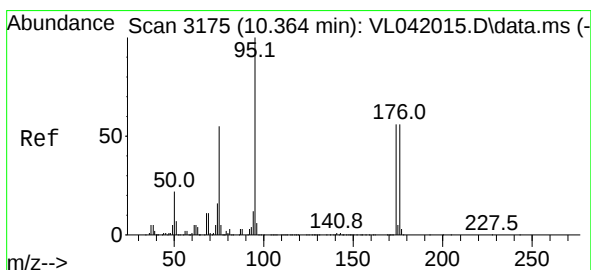
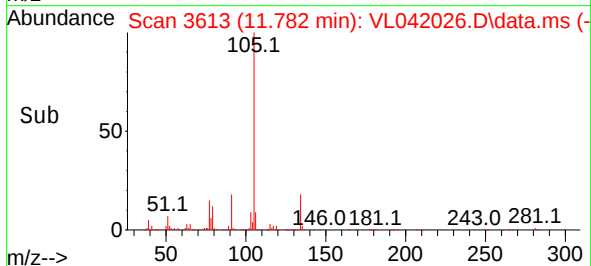
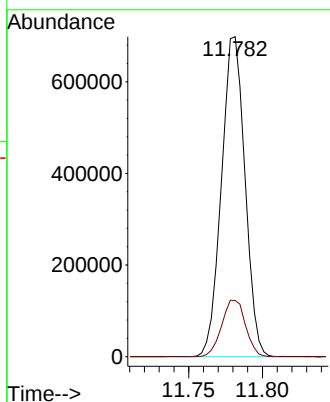
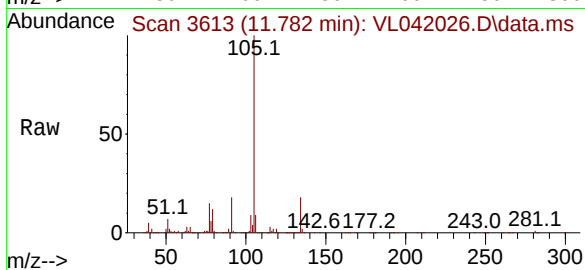
ClientSampleId :

Tgt Ion:105 Resp: 774249

Ion Ratio Lower Upper

105 100

134 18.0 14.7 22.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.283 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

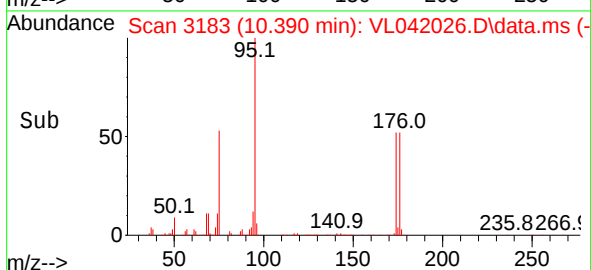
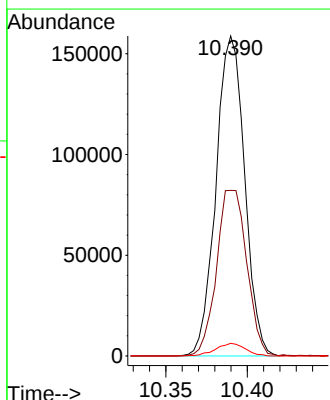
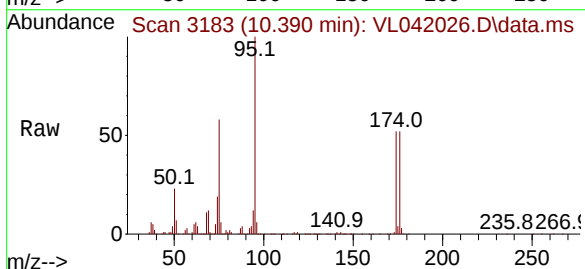
Tgt Ion: 95 Resp: 193951

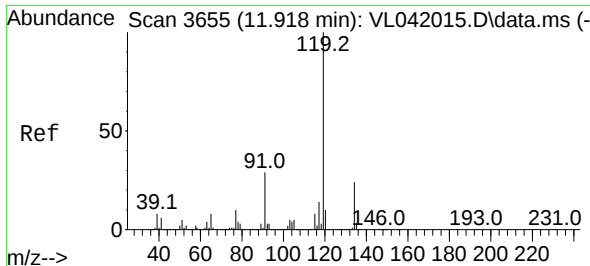
Ion Ratio Lower Upper

95 100

174 54.7 46.7 70.1

175 4.1 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.534 ppbv

RT: 11.937 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

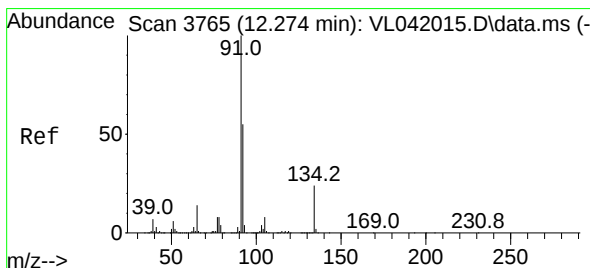
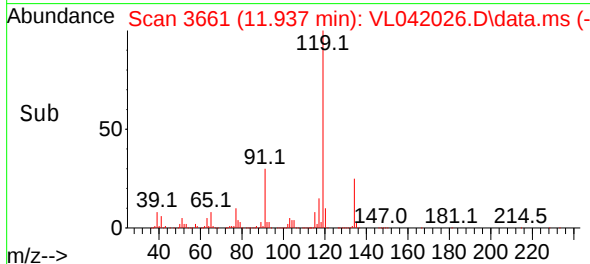
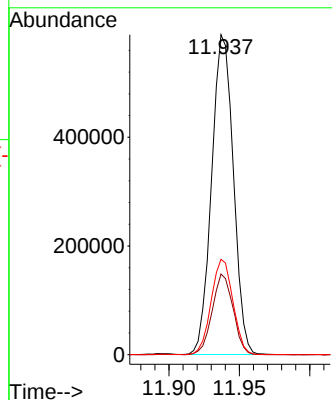
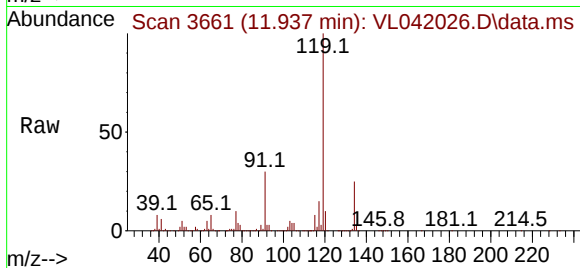
Tgt Ion:119 Resp: 631965

Ion Ratio Lower Upper

119 100

134 24.3 19.4 29.0

91 30.0 23.4 35.2



#70

n-Butylbenzene

Concen: 10.990 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

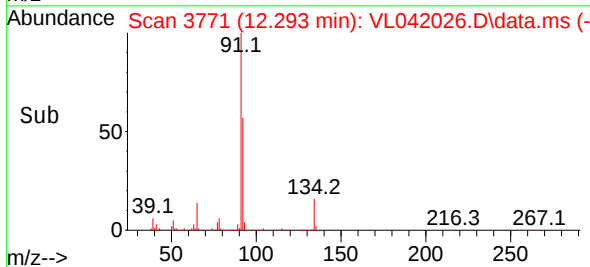
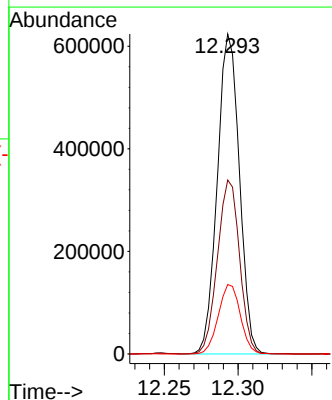
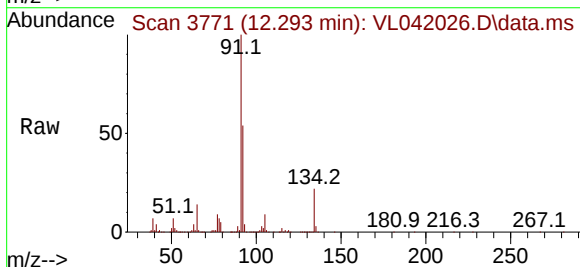
Tgt Ion: 91 Resp: 649454

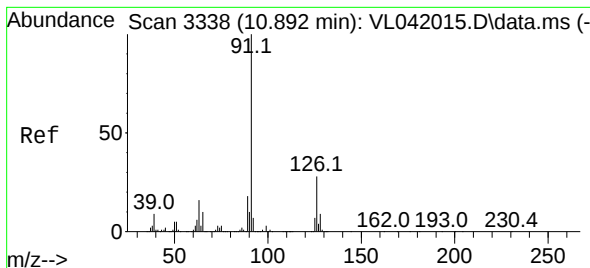
Ion Ratio Lower Upper

91 100

92 54.6 43.8 65.8

134 21.7 18.6 27.8





#71

2-Chlorotoluene

Concen: 10.848 ppbv

RT: 10.914 min Scan# 3414

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

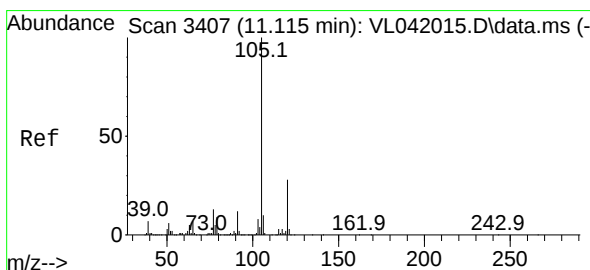
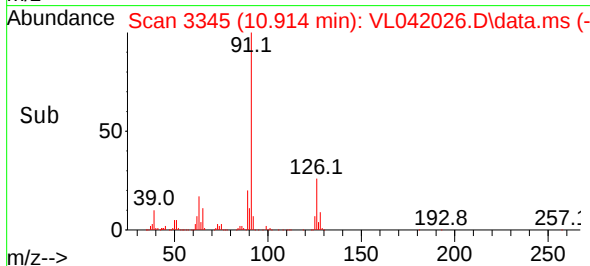
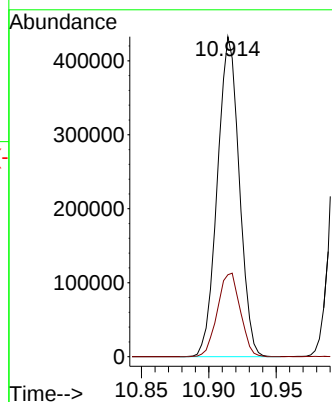
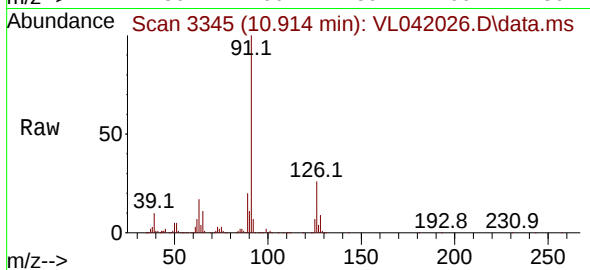
ClientSampleId :

Tgt Ion: 91 Resp: 488961

Ion Ratio Lower Upper

91 100

126 27.3 11.2 45.0



#72

4-Ethyltoluene

Concen: 10.917 ppbv

RT: 11.137 min Scan# 3414

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion: 105 Resp: 509881

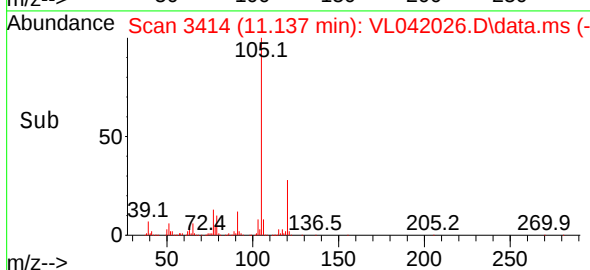
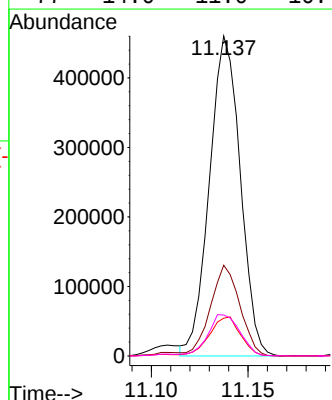
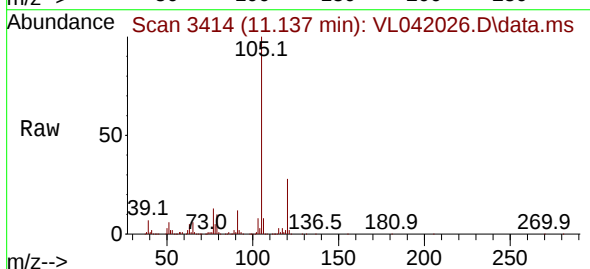
Ion Ratio Lower Upper

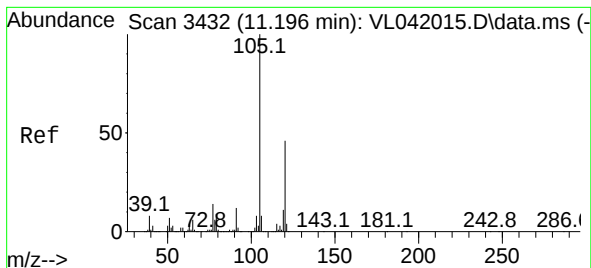
105 100

120 28.1 22.7 34.1

91 12.7 10.2 15.2

77 14.0 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 10.792 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

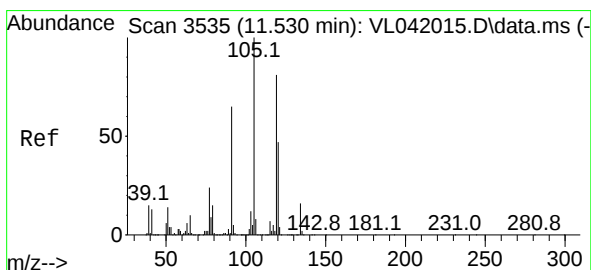
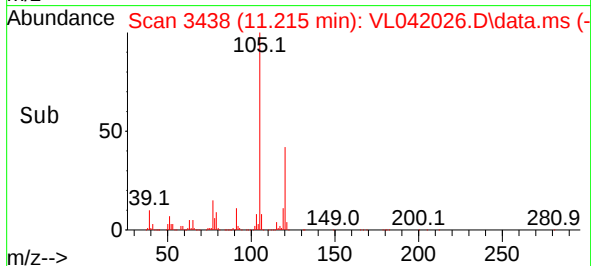
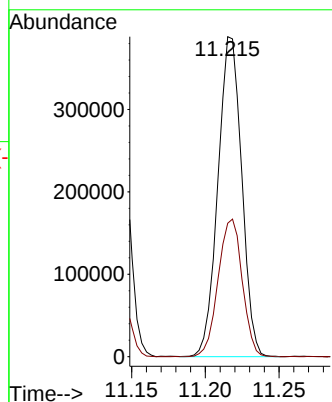
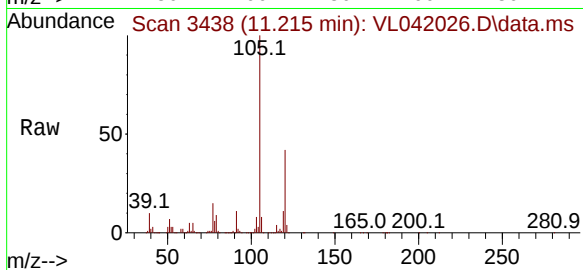
ClientSampleId :

Tgt Ion:105 Resp: 434789

Ion Ratio Lower Upper

105 100

120 41.7 37.1 55.7



#74

1,2,4-Trimethylbenzene

Concen: 10.583 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Tgt Ion:105 Resp: 457588

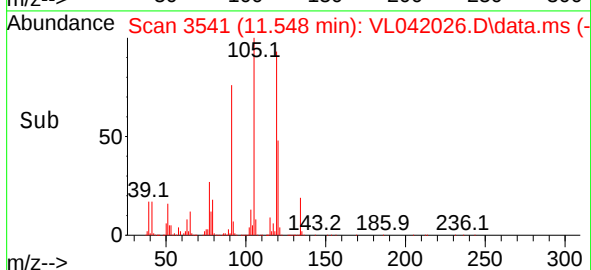
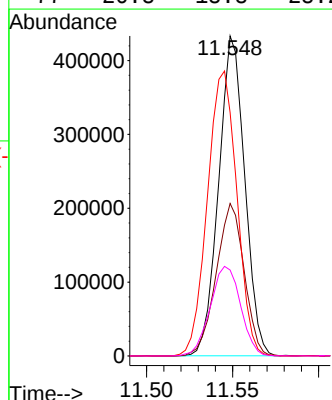
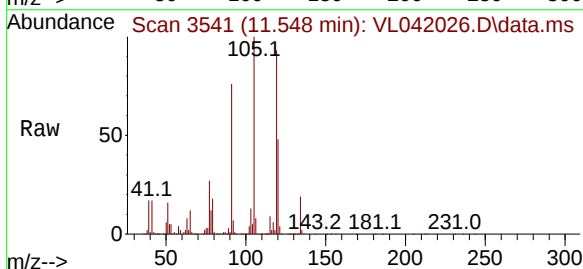
Ion Ratio Lower Upper

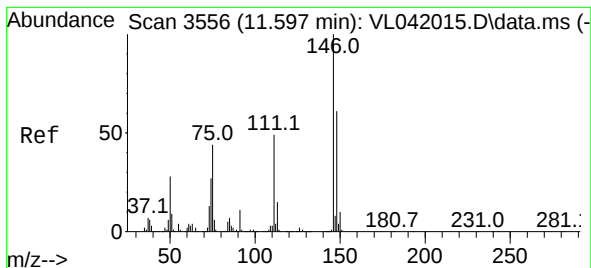
105 100

120 47.6 37.5 56.3

91 76.0 51.7 77.5

77 26.8 18.8 28.2





#75

1,3-Dichlorobenzene

Concen: 10.647 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.003 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

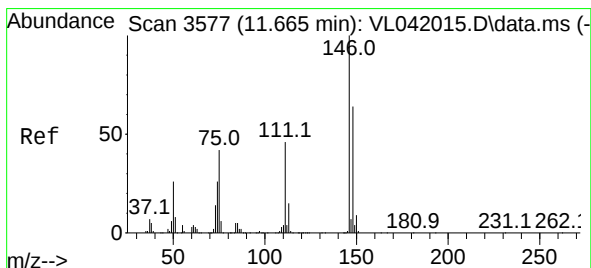
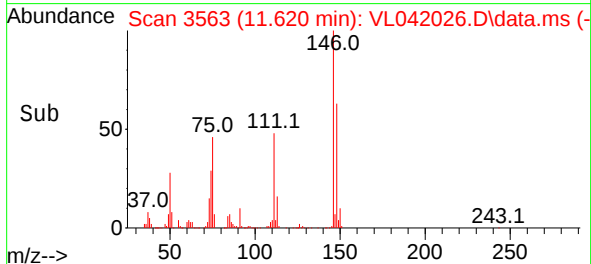
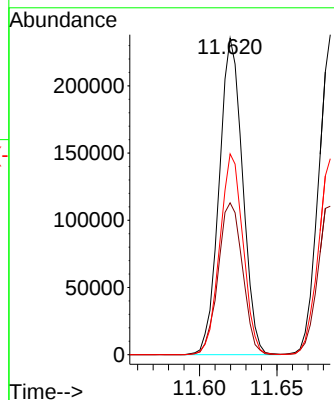
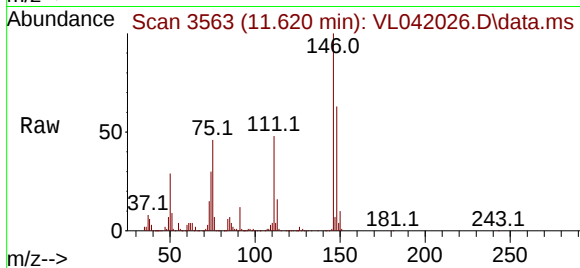
Tgt Ion:146 Resp: 247804

Ion Ratio Lower Upper

146 100

111 49.8 23.9 71.7

148 62.9 31.5 94.5



#76

1,4-Dichlorobenzene

Concen: 11.083 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

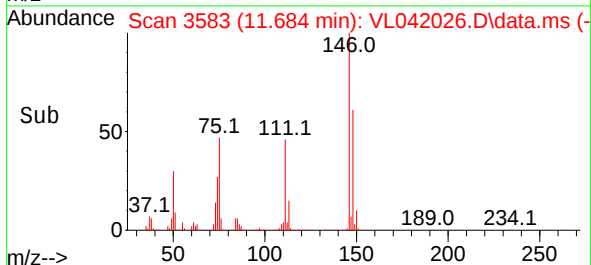
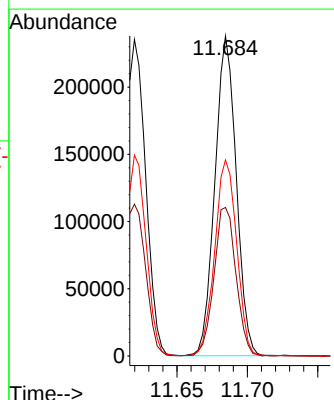
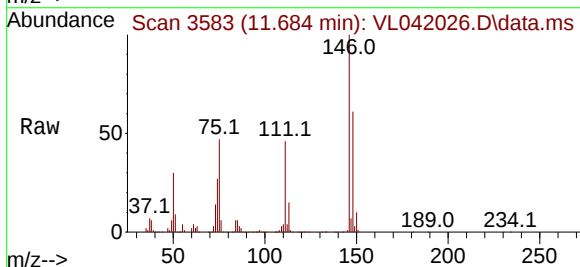
Tgt Ion:146 Resp: 251552

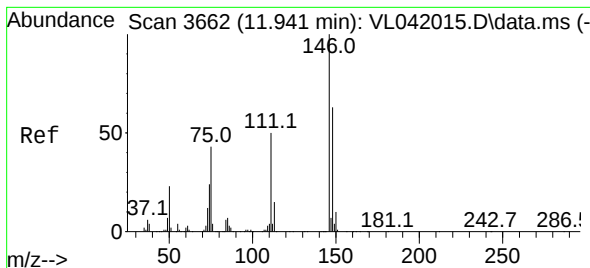
Ion Ratio Lower Upper

146 100

111 48.1 23.5 70.5

148 63.3 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 10.622 ppbv

RT: 11.960 min Scan# 3

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

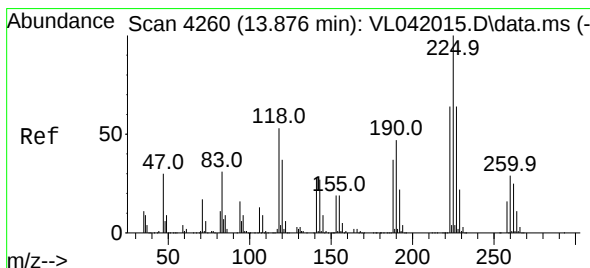
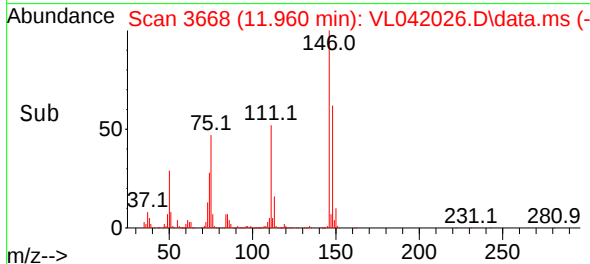
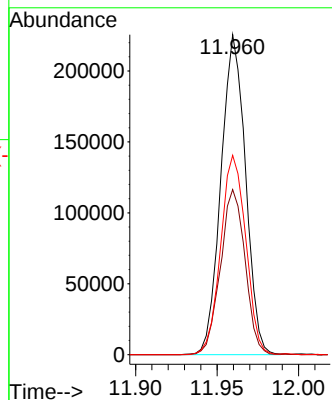
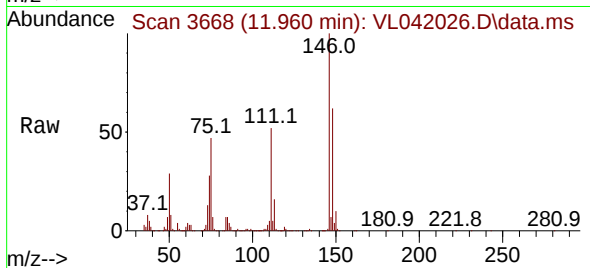
Tgt Ion:146 Resp: 236318

Ion Ratio Lower Upper

146 100

111 51.7 25.6 76.8

148 63.8 31.9 95.7



#78

Hexachloro-1,3-Butadiene

Concen: 9.425 ppbv

RT: 13.895 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

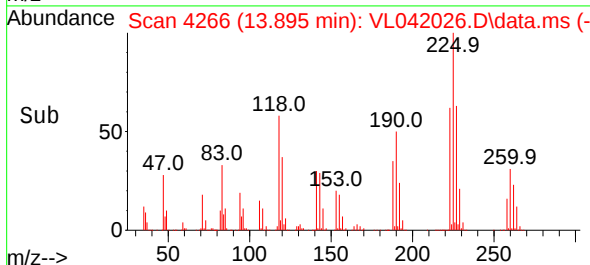
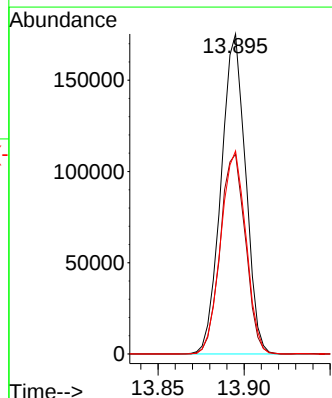
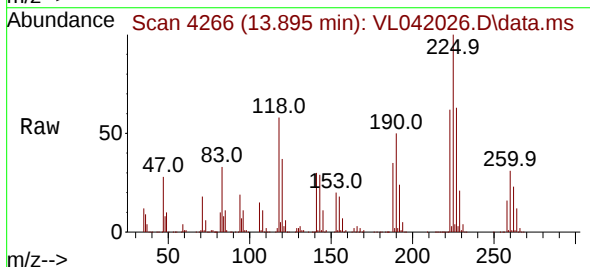
Tgt Ion:225 Resp: 173482

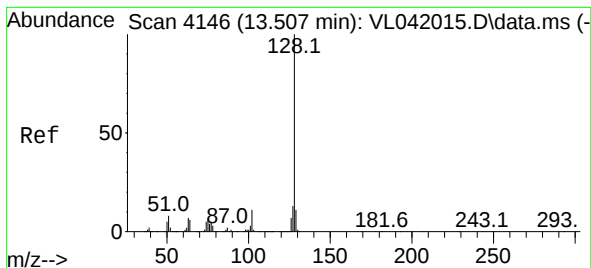
Ion Ratio Lower Upper

225 100

223 64.3 50.6 75.8

227 65.5 50.9 76.3





#79

Naphthalene

Concen: 9.848 ppbv

RT: 13.526 min Scan# 4146

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :

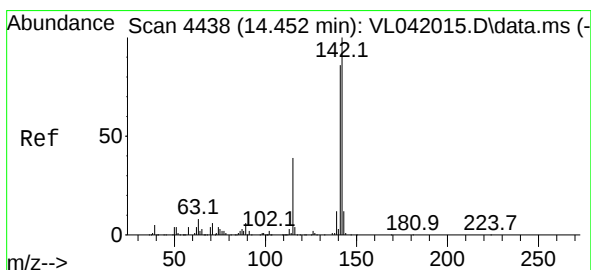
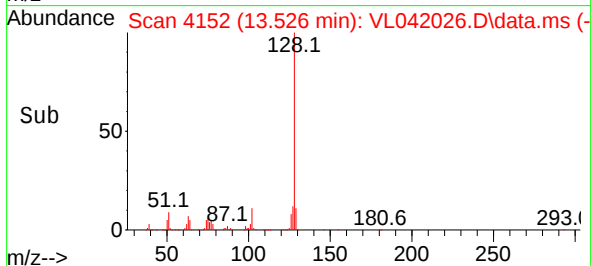
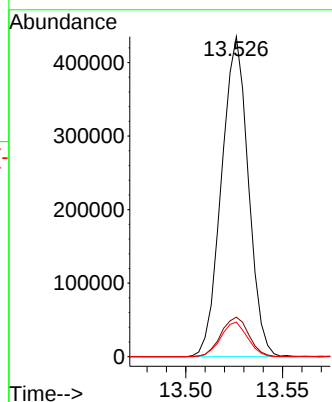
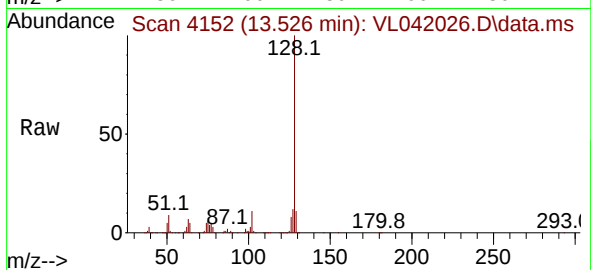
Tgt Ion:128 Resp: 418836

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.8 8.6 13.0



#80

Naphthalene, 2-methyl-

Concen: 9.619 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. 0.000 min

Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

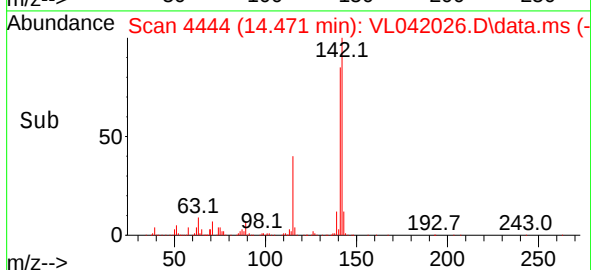
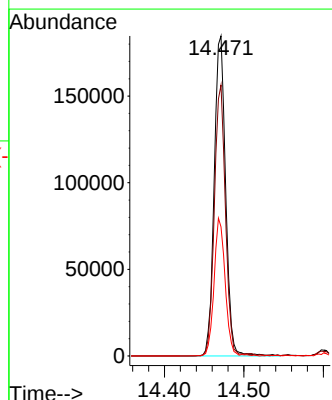
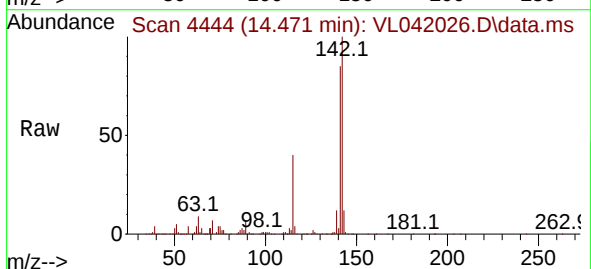
Tgt Ion:142 Resp: 185218

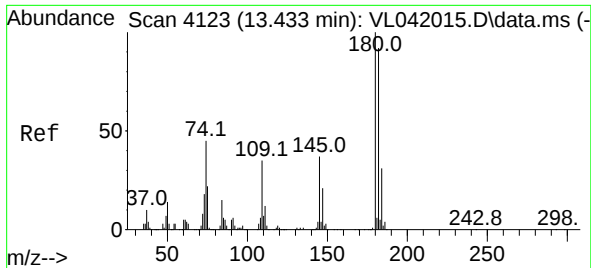
Ion Ratio Lower Upper

142 100

141 83.4 68.2 102.2

115 42.1 33.6 50.4





#81

1,2,4-Trichlorobenzene

Concen: 10.378 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.003 min

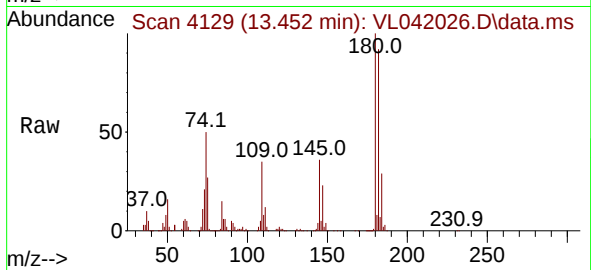
Lab File: VL042026.D

Acq: 17 Feb 2025 12:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 179422

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 30.4 24.2 36.4

