

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041890.D
 Acq On : 14 Jan 2025 13:28
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 14 21:20:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	150761	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	452131	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	394865	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	313784	10.089	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	40991	1.996	ppbv	98
3) Chlorodifluoromethane	1.479	51	44207	2.055	ppbv	99
4) Chloromethane	1.538	50	15833	2.050	ppbv	93
5) Vinyl Chloride	1.583	62	15137	1.935	ppbv	99
6) Bromomethane	1.673	94	7486	2.008	ppbv	91
7) Chloroethane	1.709	64	6303	2.071	ppbv #	84
8) Dichlorotetrafluoroethane	1.557	85	36941	2.058	ppbv	99
9) Propene	1.486	41	18248	2.059	ppbv	95
10) Heptane	5.001	43	49302	2.081	ppbv	97
11) Trichlorofluoromethane	1.884	101	43266	2.025	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	35162	2.100	ppbv	97
13) Ethanol	1.725	45	1534	2.363	ppbv	84
14) Bromoethene	1.787	108	12163	1.984	ppbv #	95
15) Acetone	1.842	43	37867	2.091	ppbv	99
16) 1,3-Butadiene	1.612	39	16446	2.024	ppbv	100
17) tert-Butyl alcohol	2.049	59	45305	2.033	ppbv	99
18) 1,1-Dichloroethene	2.039	96	15508	2.055	ppbv	97
19) Isopropyl Alcohol	1.894	45	21530	2.005	ppbv	94
20) Methylene Chloride	2.068	84	14399	2.012	ppbv	95
21) Allyl Chloride	2.104	41	25533	2.036	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	17951	2.108	ppbv	83
23) Vinyl Acetate	2.470	43	16358	2.075	ppbv	99
24) 1,1-Dichloroethane	2.418	63	33175	2.014	ppbv	99
25) Ethyl Acetate	2.848	43	102475	2.099	ppbv	99
26) Hexane	2.835	57	41844	2.167	ppbv	99
27) Carbon Disulfide	2.156	76	39306	2.057	ppbv #	70
28) Methyl tert-Butyl Ether	2.454	73	30355	2.056	ppbv	96
29) Chloroform	2.858	83	63457	2.079	ppbv	94
30) Cyclohexane	3.874	84	34518	2.061	ppbv	97
31) cis-1,2-Dichloroethene	2.729	61	41921	2.062	ppbv	89
32) 1,1,1-Trichloroethane	3.382	97	58965	2.019	ppbv	98
34) 2-Butanone	2.570	43	61381	2.135	ppbv	99
35) Carbon Tetrachloride	3.777	117	59430	2.089	ppbv	95
36) Benzene	3.670	78	85859	2.070	ppbv	96
37) 1,2-Dichloroethane	3.230	62	46786	2.009	ppbv	100
38) Trichloroethene	4.564	130	33773	2.052	ppbv	98
39) 1,2-Dichloropropane	4.334	63	29723	2.043	ppbv	96
40) 1,4-Dioxane	4.612	88	7157	0.975	ppbv #	11
41) Tetrahydrofuran	3.072	42	32358	2.064	ppbv	96
42) Bromodichloromethane	4.509	83	63611	2.037	ppbv	99
43) Methyl Methacrylate	4.900	69	31519	2.046	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	141602	2.111	ppbv	100
45) t-1,3-Dichloropropene	6.435	75	28818	1.999	ppbv	97

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Instrument :
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Quant Time: Jan 14 21:20:29 2025
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

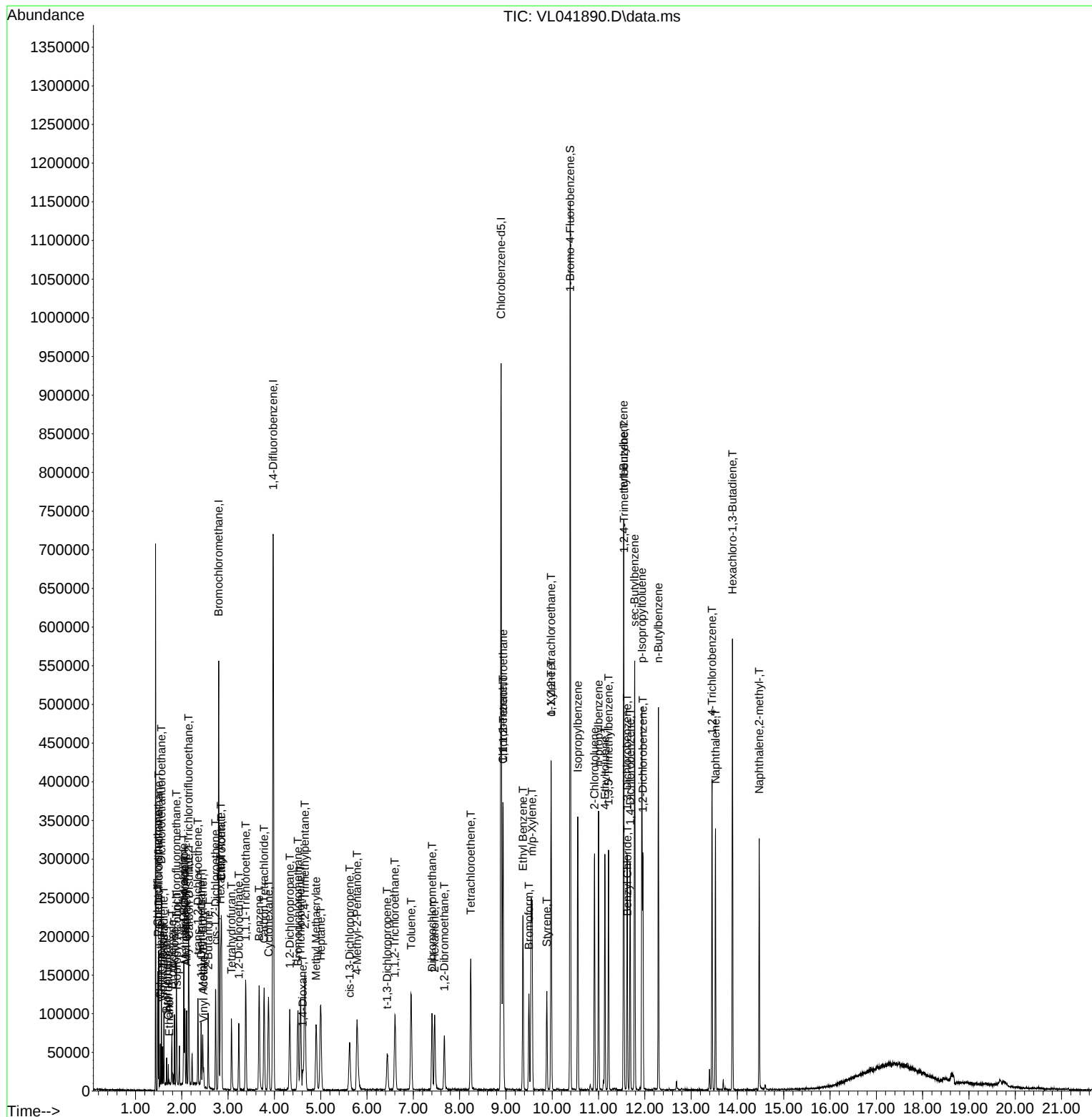
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	39668	2.095	ppbv	94
47) 1,1,2-Trichloroethane	6.600	97	15377	0.997	ppbv	97
48) Dibromochloromethane	7.406	129	48894	2.055	ppbv	99
49) Bromoform	9.496	173	39710	2.032	ppbv	99
50) 4-Methyl-2-Pentanone	5.784	43	81330	2.076	ppbv	98
51) 2-Hexanone	7.457	43	66831	2.216	ppbv #	98
52) Tetrachloroethene	8.241	164	29814	2.074	ppbv	94
53) Toluene	6.952	91	94741	2.097	ppbv	98
54) 1,2-Dibromoethane	7.671	107	44636	2.106	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.940	131	40249	2.043	ppbv	93
57) Chlorobenzene	8.933	112	77180	2.119	ppbv	94
58) Ethyl Benzene	9.367	91	130554	2.116	ppbv	98
59) m/p-Xylene	9.561	91	99808	2.015	ppbv #	31
60) o-Xylene	9.975	91	106458	2.168	ppbv	99
61) Styrene	9.885	104	45490	2.065	ppbv	99
62) Isopropylbenzene	10.552	105	163135	2.147	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.975	83	67775	2.193	ppbv	99
64) n-propylbenzene	11.001	120	41184	2.145	ppbv	99
65) tert-Butylbenzene	11.542	119	151534	2.189	ppbv	97
66) Benzyl Chloride	11.626	91	8925	2.083	ppbv	97
67) sec-Butylbenzene	11.778	105	211759	2.221	ppbv	99
69) p-Isopropyltoluene	11.937	119	178172	2.270	ppbv	100
70) n-Butylbenzene	12.293	91	174217	2.238	ppbv	99
71) 2-Chlorotoluene	10.914	91	121418	2.161	ppbv	100
72) 4-Ethyltoluene	11.137	105	127115	2.164	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	114342	2.205	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	126939	2.260	ppbv #	89
75) 1,3-Dichlorobenzene	11.616	146	71332	2.143	ppbv	98
76) 1,4-Dichlorobenzene	11.684	146	70219	2.156	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	71818	2.177	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	60984	2.253	ppbv	99
79) Naphthalene	13.526	128	153268	2.710	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	90910	3.391	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	64653	2.342	ppbv	98

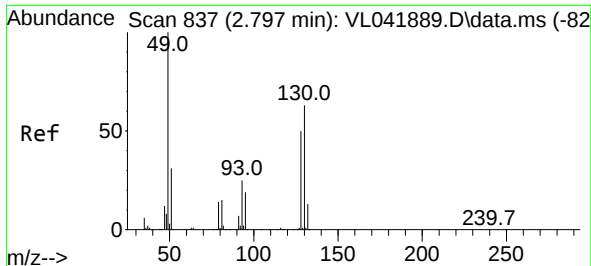
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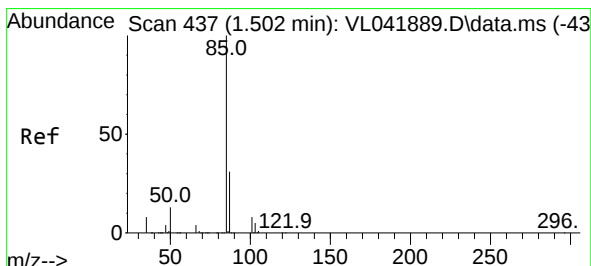
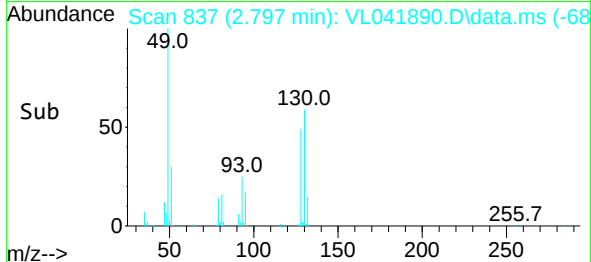
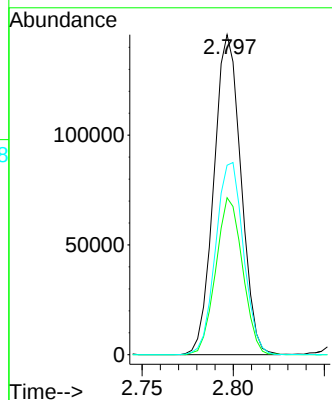
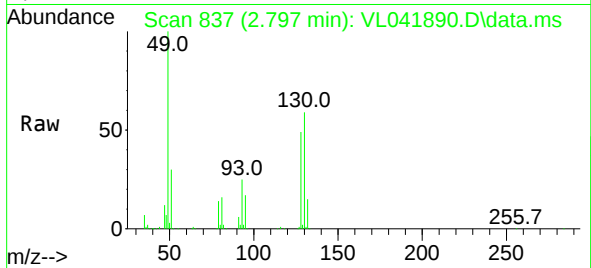




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

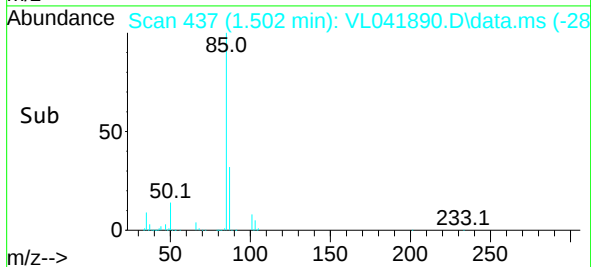
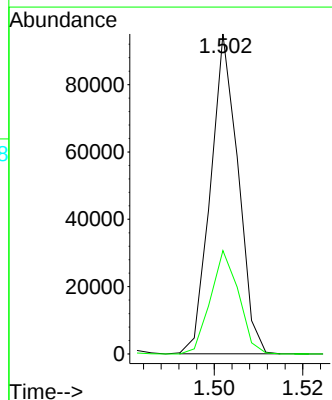
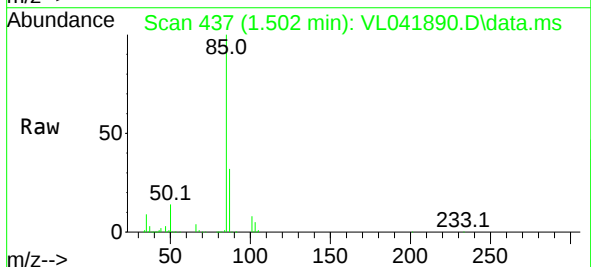
Instrument :
MSVOA_L
ClientSampleId :

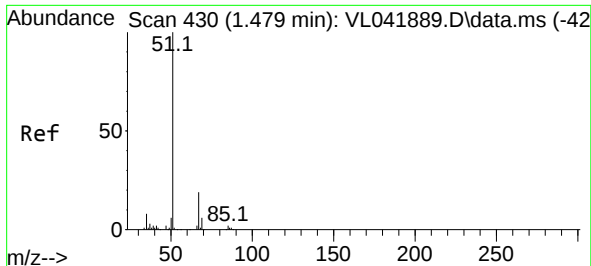
Tgt Ion: 49 Resp: 150761
Ion Ratio Lower Upper
49 100
128 48.4 24.3 73.0
130 61.6 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 1.996 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 85 Resp: 40991
Ion Ratio Lower Upper
85 100
87 32.3 24.9 37.3

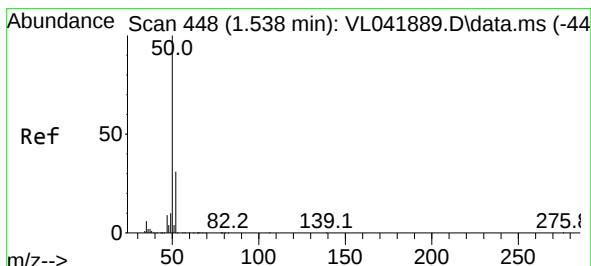
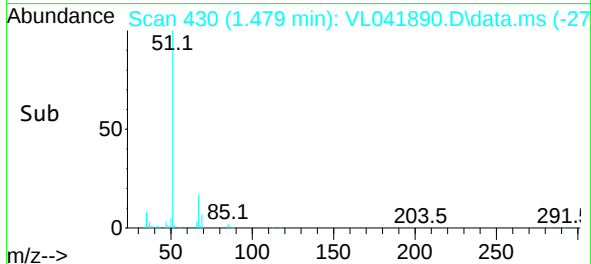
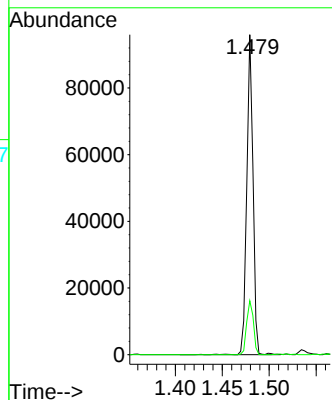
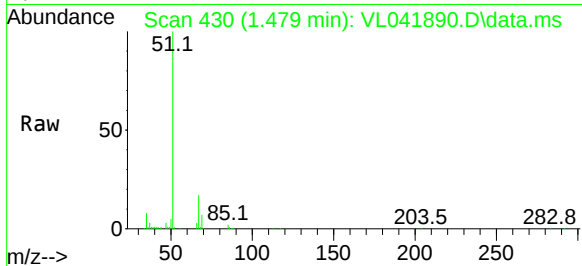




#3
Chlorodifluoromethane
Concen: 2.055 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

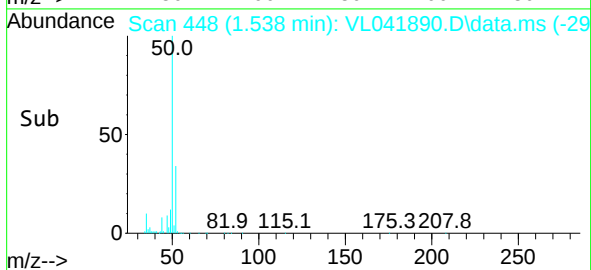
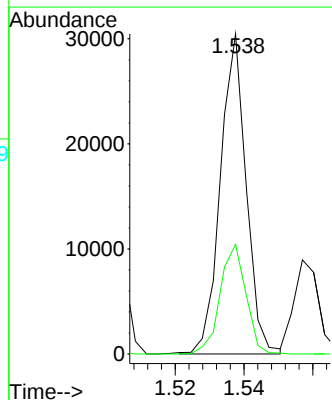
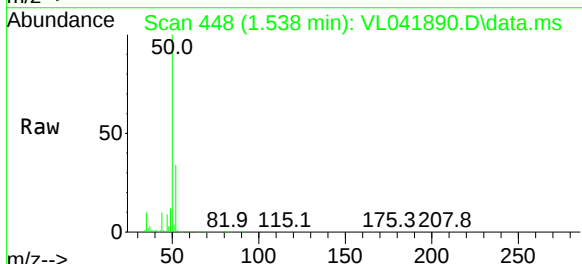
Instrument :
MSVOA_L
ClientSampleId :

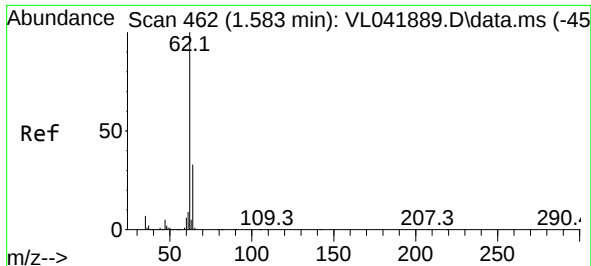
Tgt Ion: 51 Resp: 44207
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.4



#4
Chloromethane
Concen: 2.050 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 50 Resp: 15833
Ion Ratio Lower Upper
50 100
52 34.4 24.6 36.8

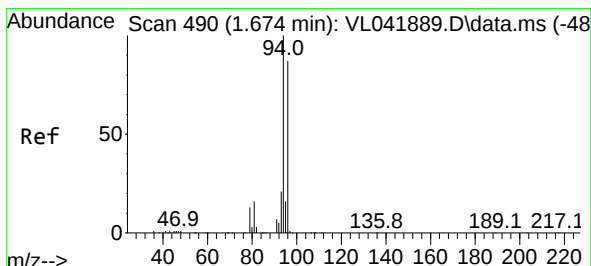
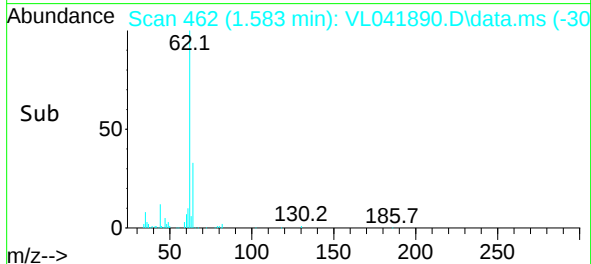
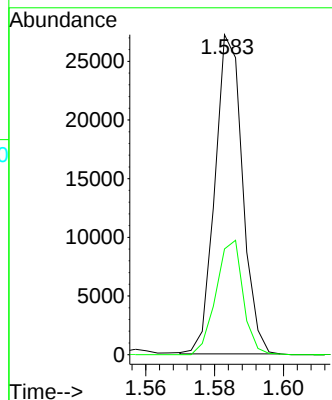
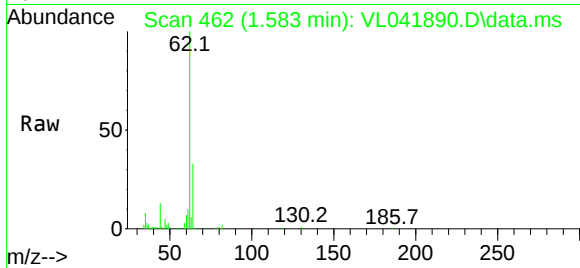




#5
 Vinyl Chloride
 Concen: 1.935 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

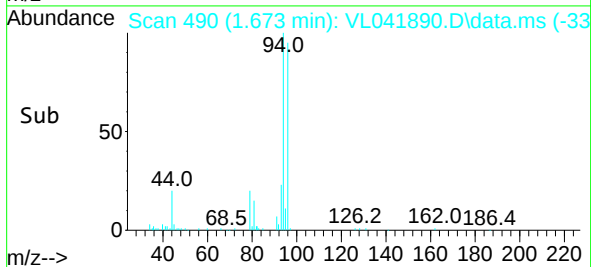
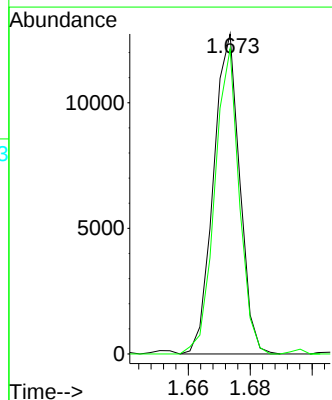
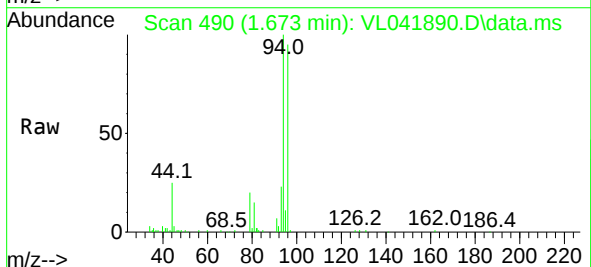
Instrument :
 MSVOA_L
 ClientSampleId :

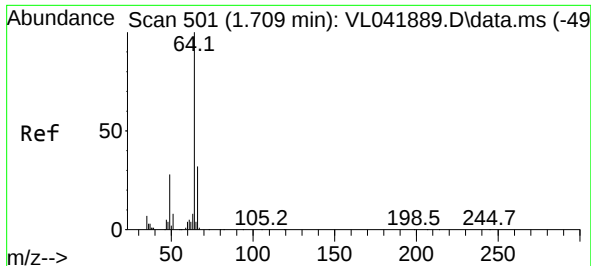
Tgt Ion: 62 Resp: 15137
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.1 39.1



#6
 Bromomethane
 Concen: 2.008 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

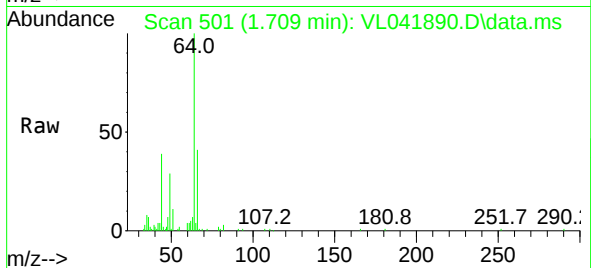
Tgt Ion: 94 Resp: 7486
 Ion Ratio Lower Upper
 94 100
 96 95.4 69.5 104.3



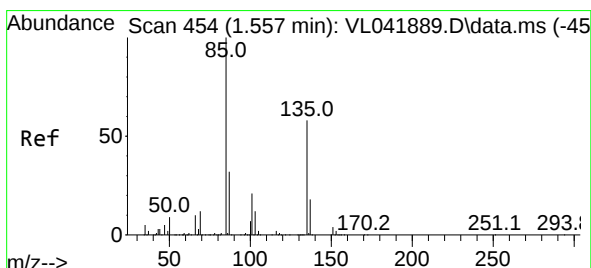
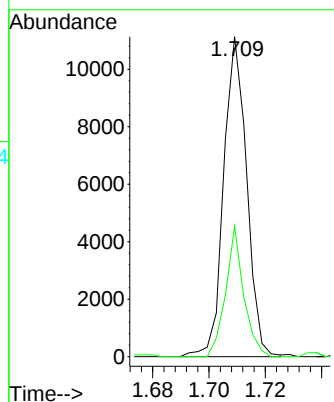
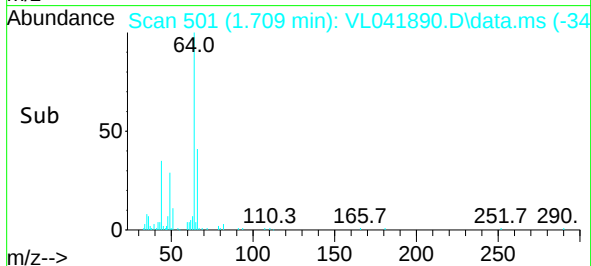


#7
Chloroethane
Concen: 2.071 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

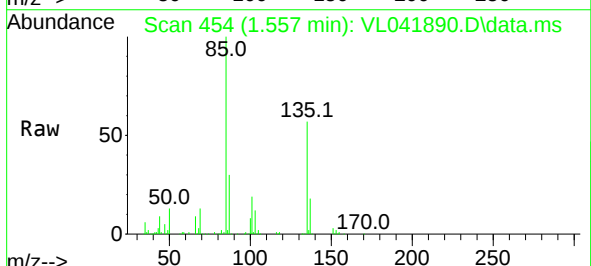
Instrument :
MSVOA_L
ClientSampleId :



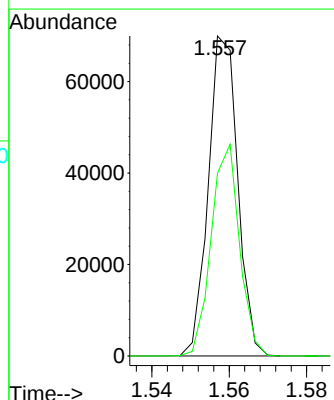
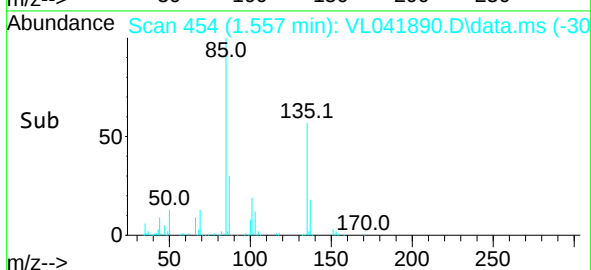
Tgt Ion: 64 Resp: 6303
Ion Ratio Lower Upper
64 100
66 40.8 25.7 38.5#

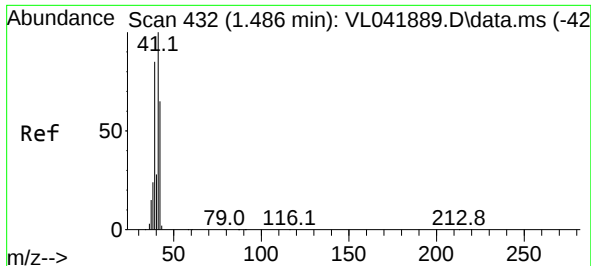


#8
Dichlorotetrafluoroethane
Concen: 2.058 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28



Tgt Ion: 85 Resp: 36941
Ion Ratio Lower Upper
85 100
135 63.5 50.0 75.0





#9

Propene

Concen: 2.059 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

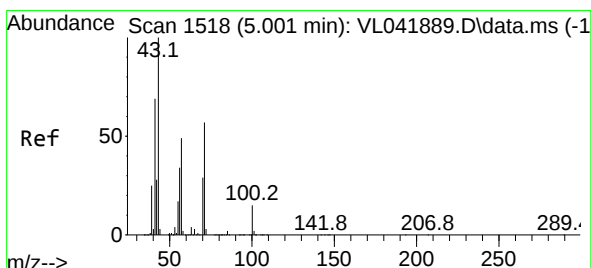
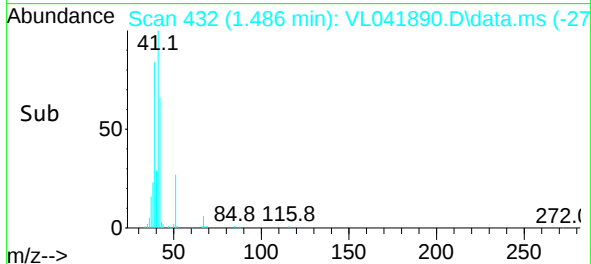
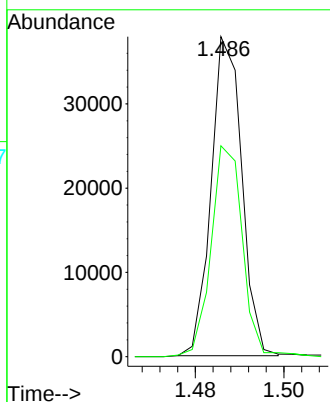
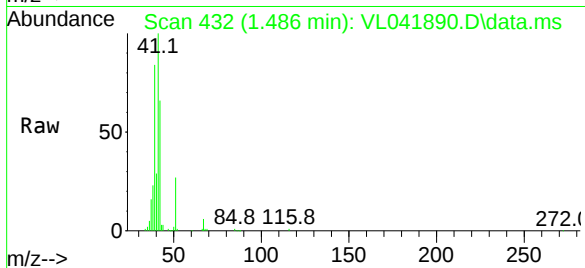
ClientSampleId :

Tgt Ion: 41 Resp: 18248

Ion Ratio Lower Upper

41 100

42 69.1 52.0 78.0



#10

Heptane

Concen: 2.081 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VL041890.D

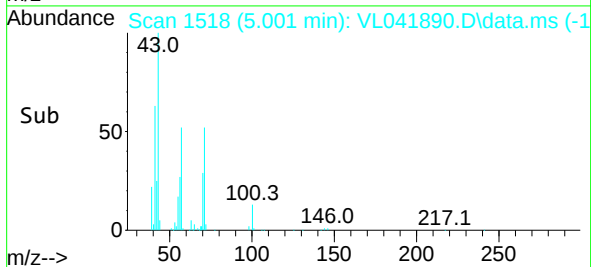
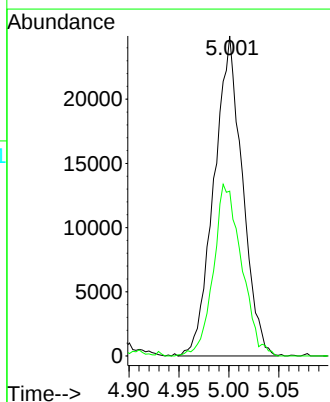
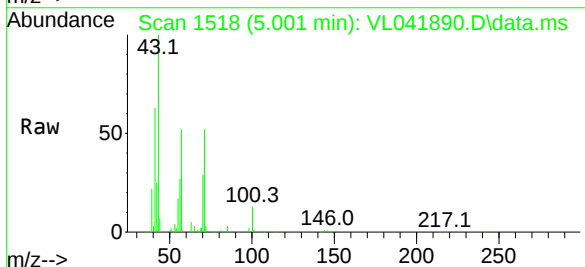
Acq: 14 Jan 2025 13:28

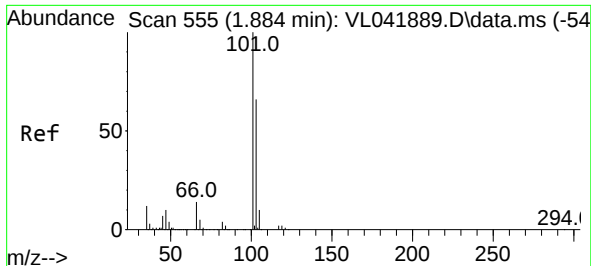
Tgt Ion: 43 Resp: 49302

Ion Ratio Lower Upper

43 100

57 53.2 41.0 61.4

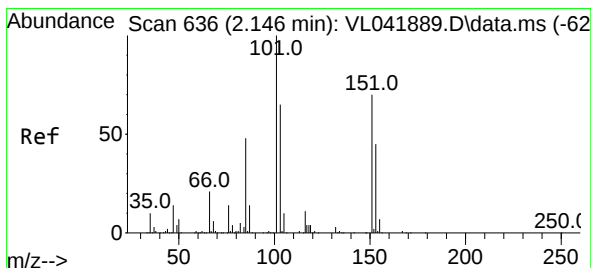
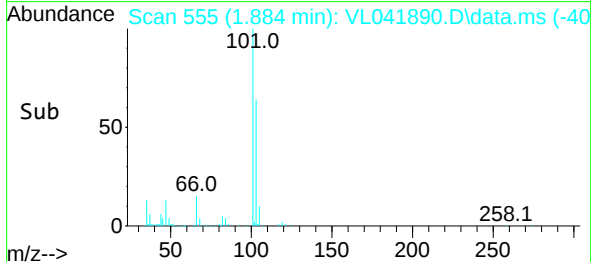
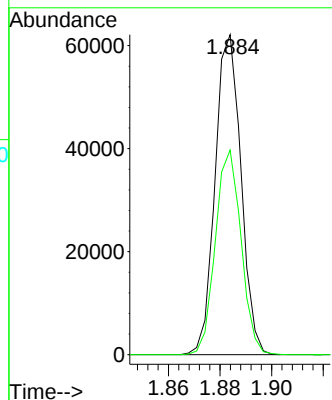
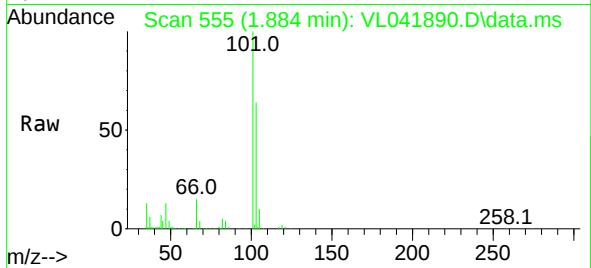




#11
Trichlorofluoromethane
Concen: 2.025 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

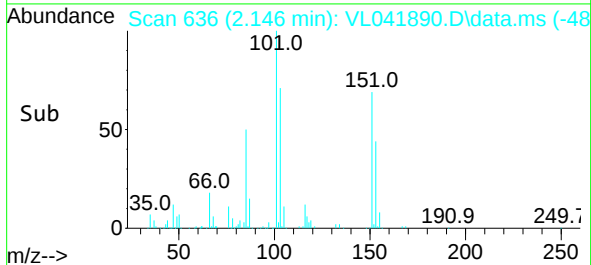
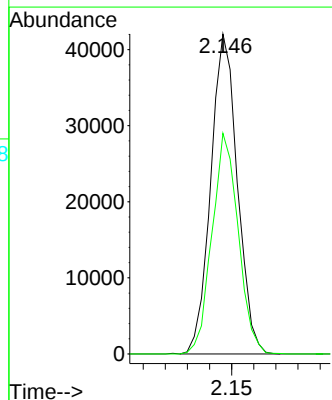
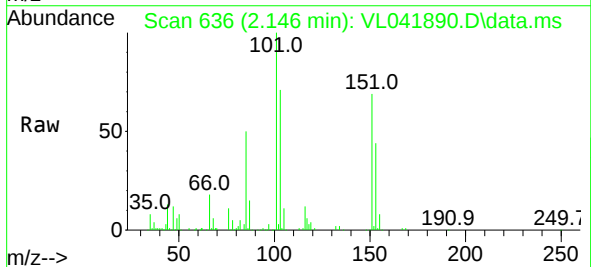
Instrument :
MSVOA_L
ClientSampleId :

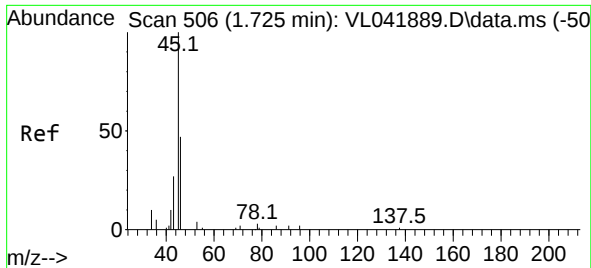
Tgt Ion:101 Resp: 43266
Ion Ratio Lower Upper
101 100
103 64.0 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.100 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:101 Resp: 35162
Ion Ratio Lower Upper
101 100
151 67.9 56.1 84.1

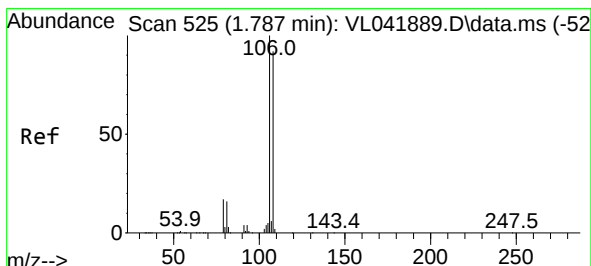
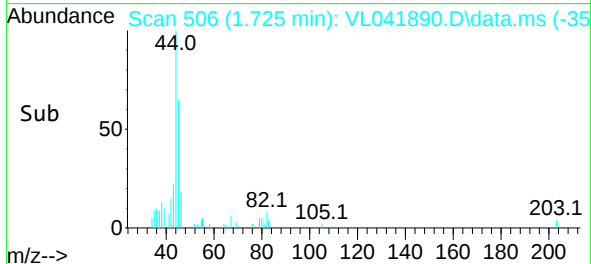
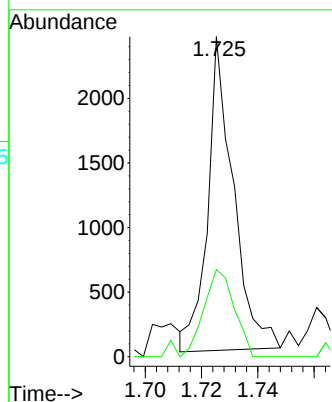
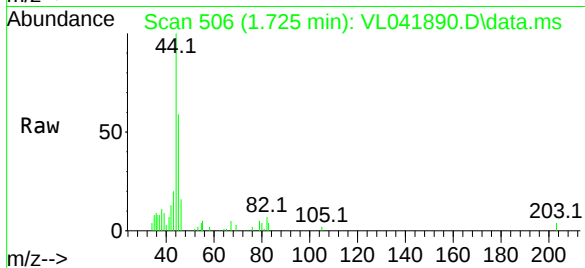




#13
Ethanol
Concen: 2.363 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

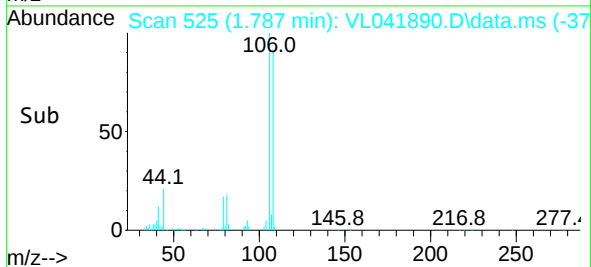
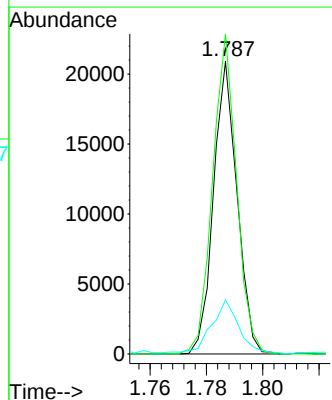
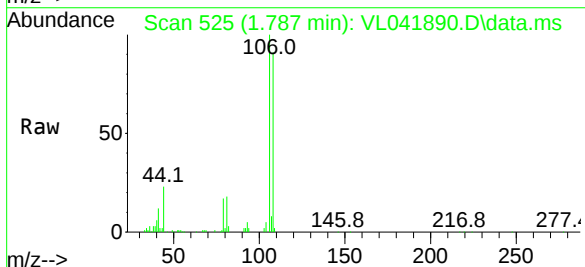
Instrument :
MSVOA_L
ClientSampleId :

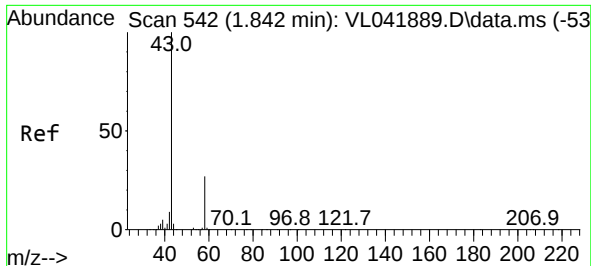
Tgt Ion: 45 Resp: 1534
Ion Ratio Lower Upper
45 100
46 34.6 18.1 72.5



#14
Bromoethene
Concen: 1.984 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:108 Resp: 12163
Ion Ratio Lower Upper
108 100
106 111.2 85.5 128.3
79 23.9 15.3 22.9#

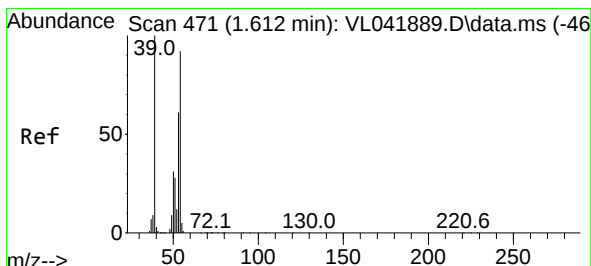
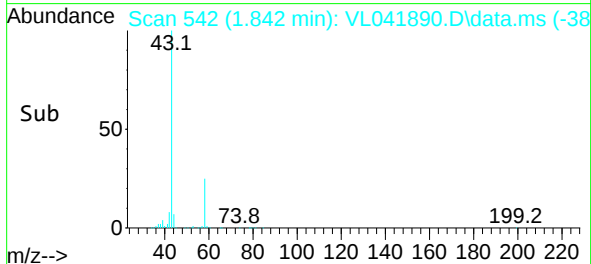
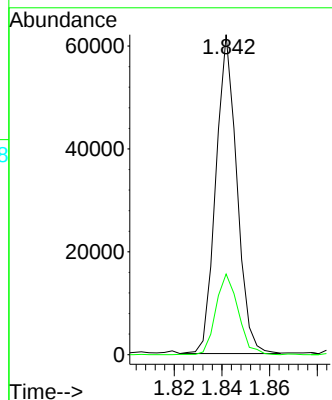
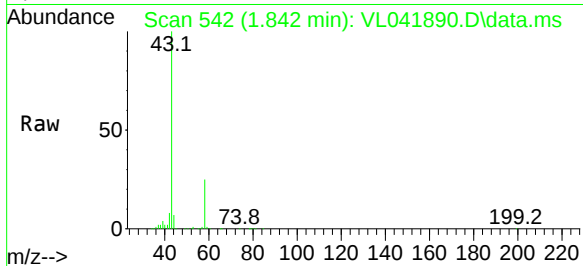




#15
Acetone
Concen: 2.091 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

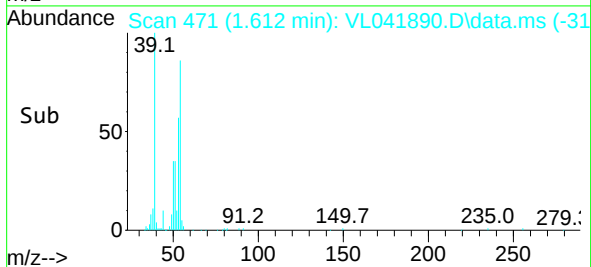
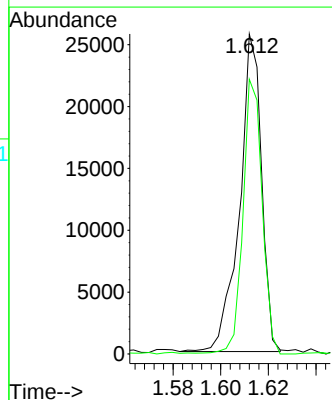
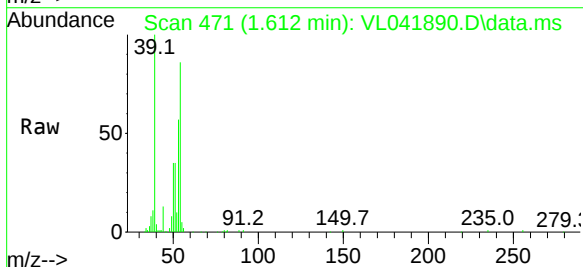
Instrument :
MSVOA_L
ClientSampleId :

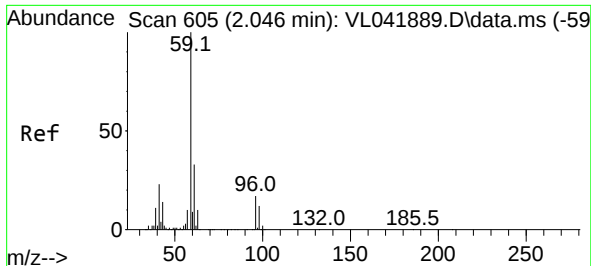
Tgt Ion: 43 Resp: 37867
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9



#16
1,3-Butadiene
Concen: 2.024 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 39 Resp: 16446
Ion Ratio Lower Upper
39 100
54 76.9 61.6 92.4





#17

tert-Butyl alcohol

Concen: 2.033 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

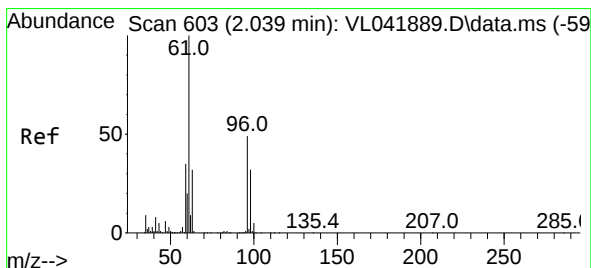
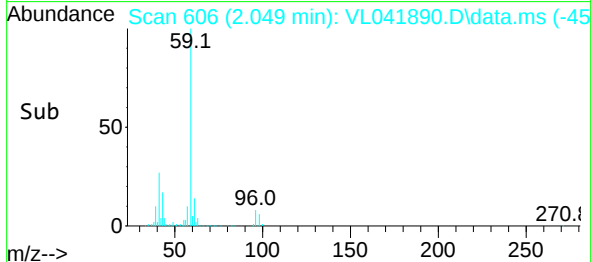
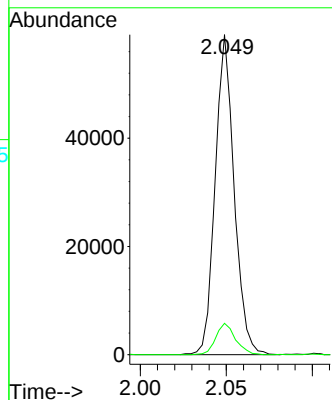
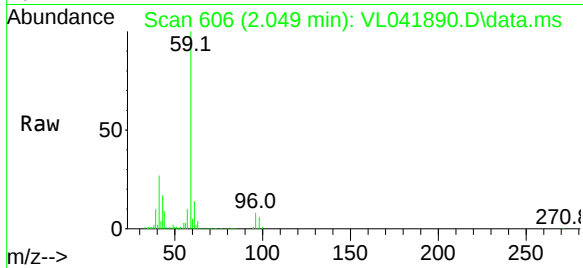
ClientSampleId :

Tgt Ion: 59 Resp: 45305

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.8



#18

1,1-Dichloroethene

Concen: 2.055 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

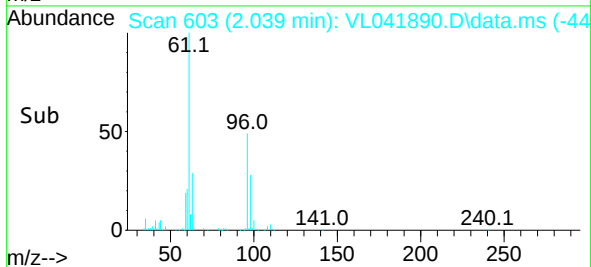
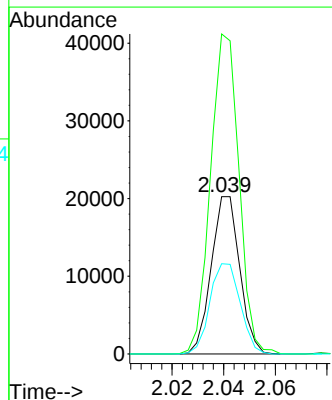
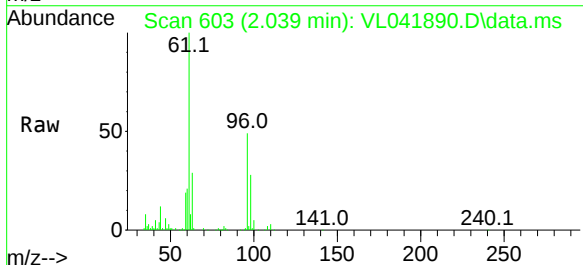
Tgt Ion: 96 Resp: 15508

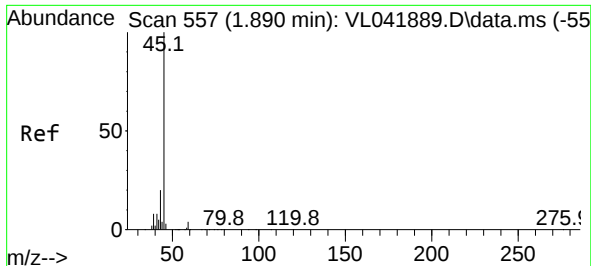
Ion Ratio Lower Upper

96 100

61 203.1 163.1 244.7

98 57.4 52.7 79.1

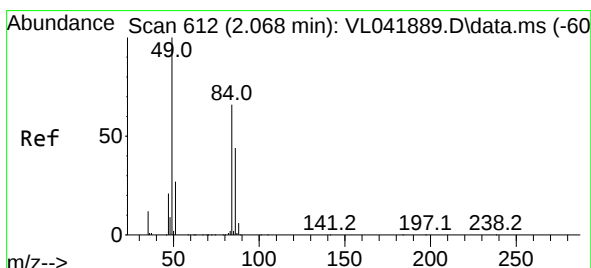
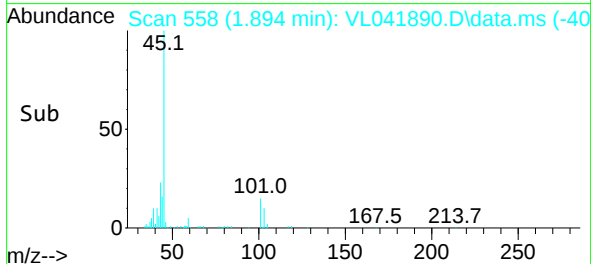
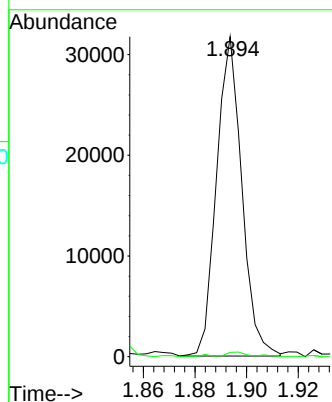
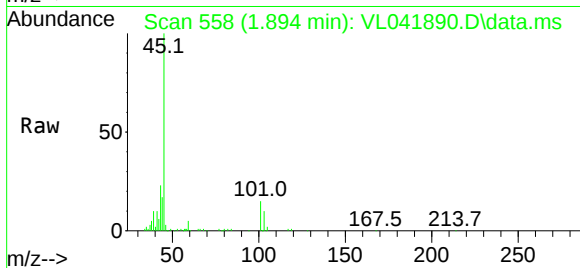




#19
Isopropyl Alcohol
Concen: 2.005 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

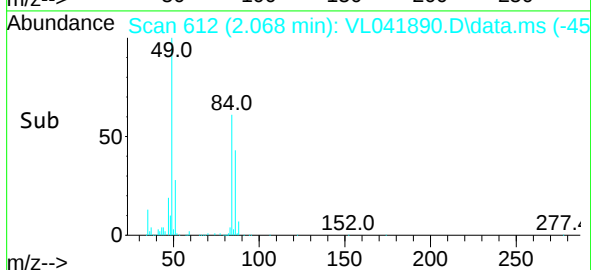
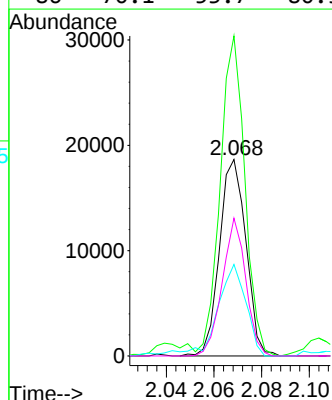
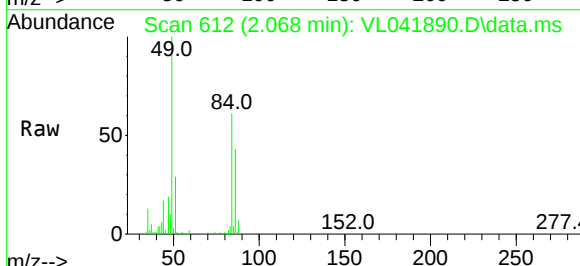
Instrument :
MSVOA_L
ClientSampleId :

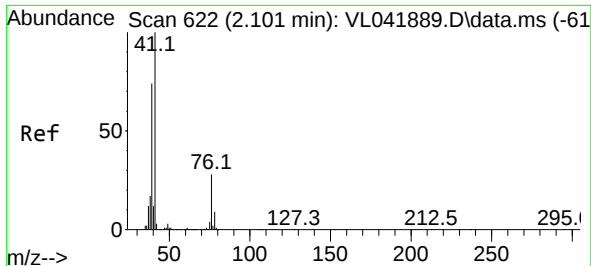
Tgt Ion: 45 Resp: 21530
Ion Ratio Lower Upper
45 100
58 47.6 35.0 52.6



#20
Methylene Chloride
Concen: 2.012 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 84 Resp: 14399
Ion Ratio Lower Upper
84 100
49 162.9 123.1 184.7
51 46.5 35.8 53.8
86 70.1 53.7 80.5





#21

Allyl Chloride

Concen: 2.036 ppbv

RT: 2.104 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

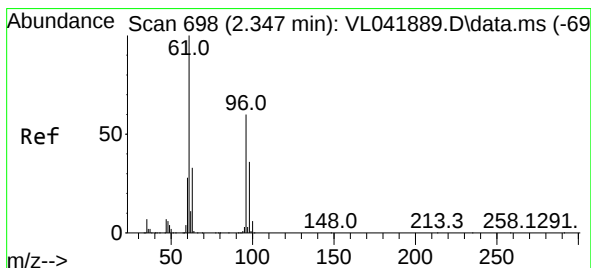
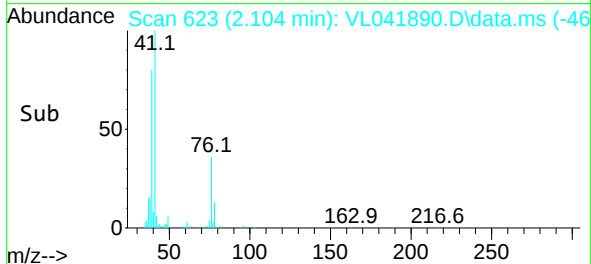
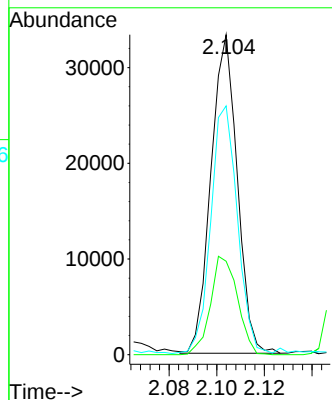
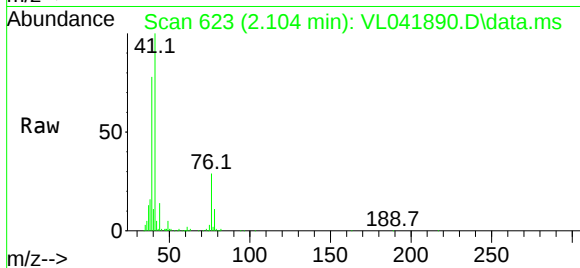
Tgt Ion: 41 Resp: 25533

Ion Ratio Lower Upper

41 100

76 31.7 24.2 36.4

39 78.2 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 2.108 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

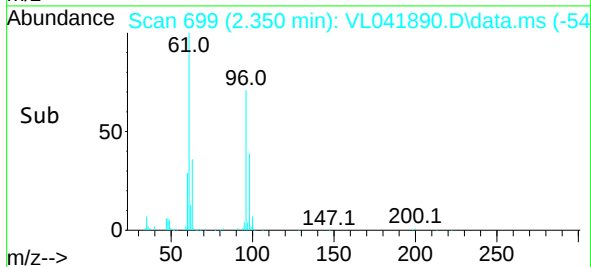
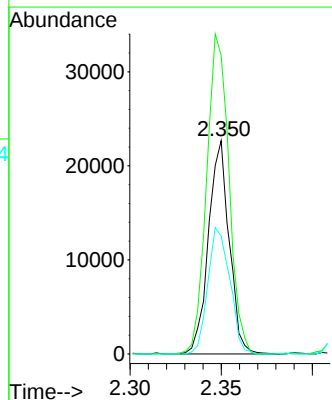
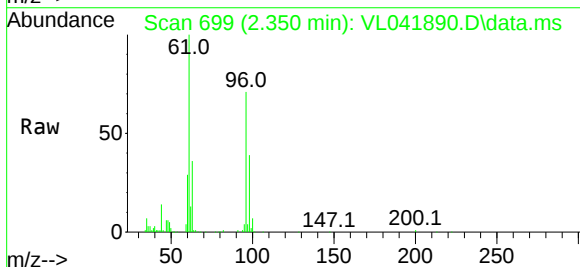
Tgt Ion: 96 Resp: 17951

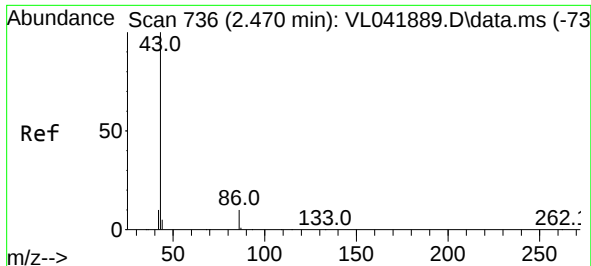
Ion Ratio Lower Upper

96 100

61 140.0 134.5 201.7

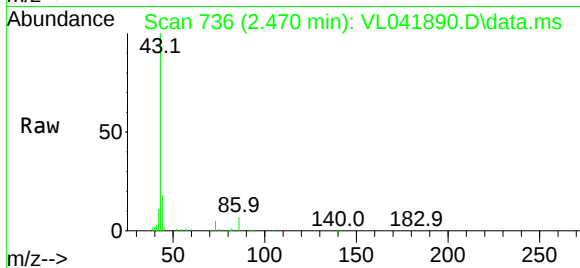
98 55.2 48.9 73.3



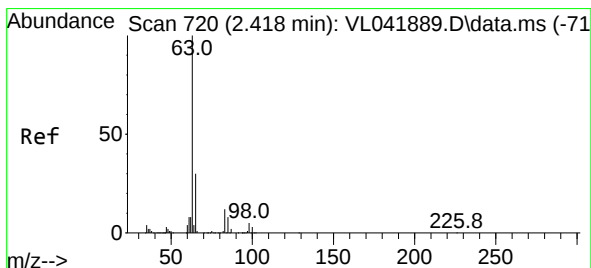
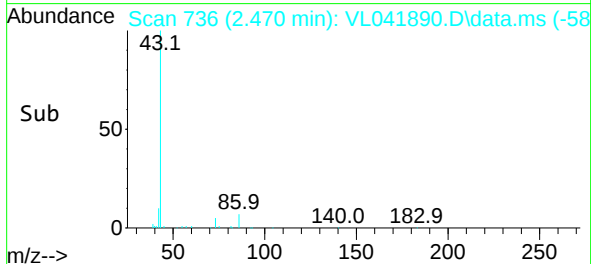
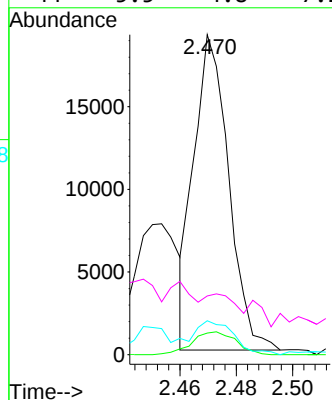


#23
 Vinyl Acetate
 Concen: 2.075 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

Instrument :
 MSVOA_L
 ClientSampleId :

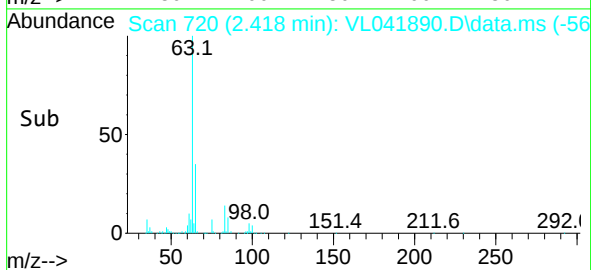
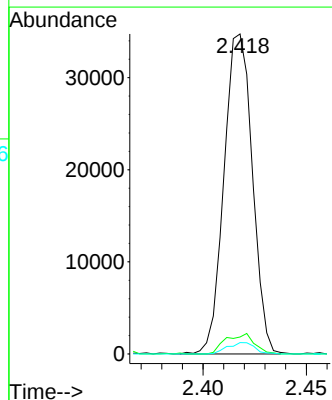
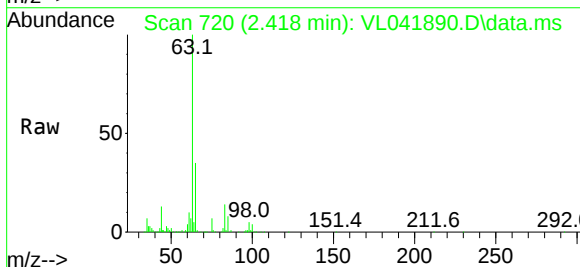


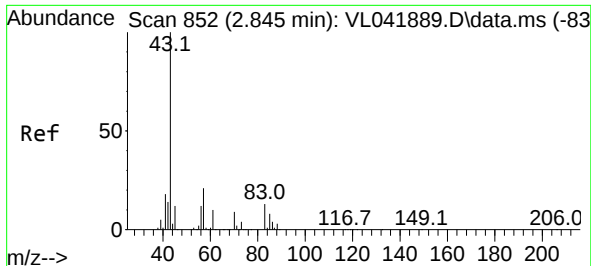
Tgt Ion: 43	Resp: 16358
Ion Ratio	Lower Upper
43 100	
86 6.9	6.2 9.4
42 10.8	8.5 12.7
44 5.5	4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 2.014 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

Tgt Ion: 63	Resp: 33175
Ion Ratio	Lower Upper
63 100	
98 5.3	2.6 7.8
100 3.5	1.4 4.2

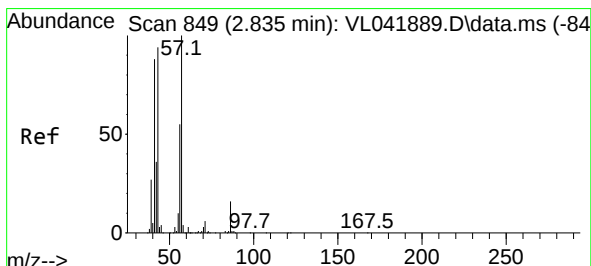
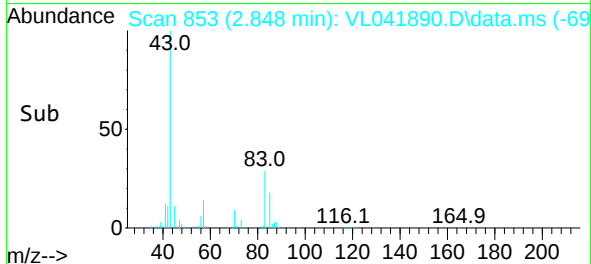
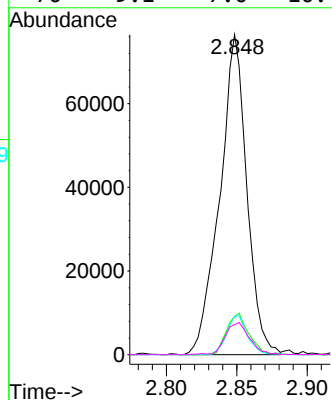
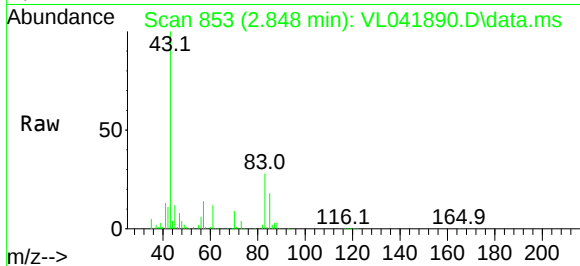




#25
Ethyl Acetate
Concen: 2.099 ppbv
RT: 2.848 min Scan# 852
Delta R.T. 0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

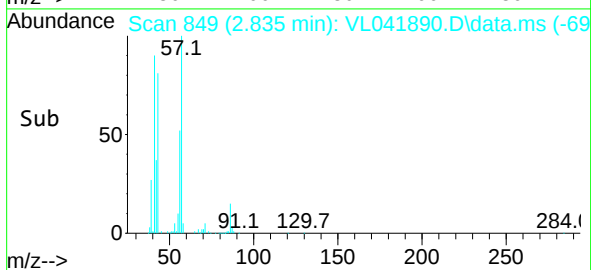
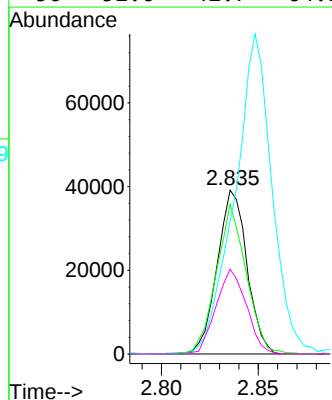
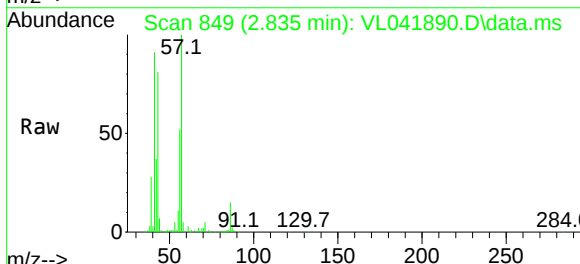
Instrument :
MSVOA_L
ClientSampleId :

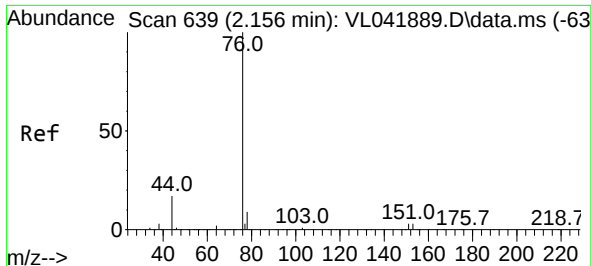
Tgt Ion: 43 Resp: 102475
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.2
61 9.4 7.4 11.0
70 9.1 7.0 10.4



#26
Hexane
Concen: 2.167 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 57 Resp: 41844
Ion Ratio Lower Upper
57 100
41 92.4 73.8 110.8
43 248.3 197.3 295.9
56 52.6 42.7 64.1





#27

Carbon Disulfide

Concen: 2.057 ppbv

RT: 2.156 min Scan# 61

Delta R.T. -0.000 min

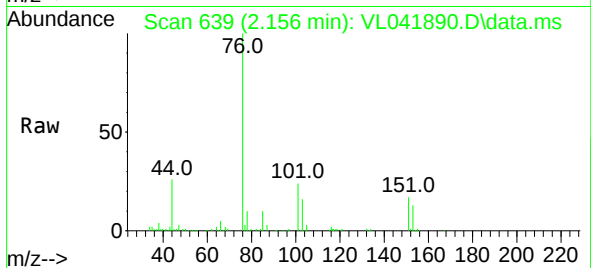
Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

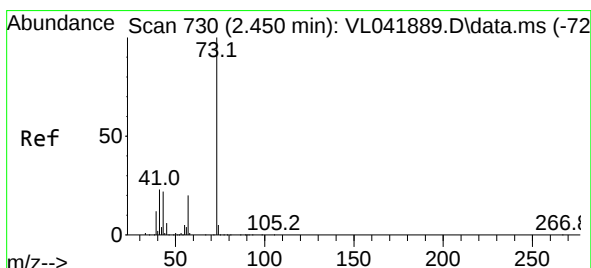
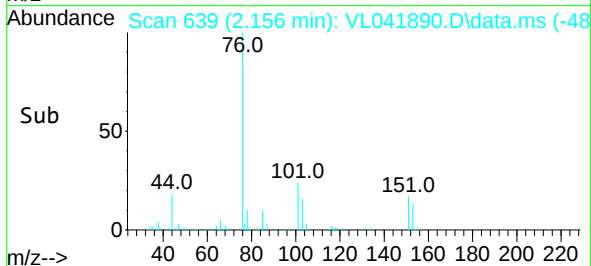
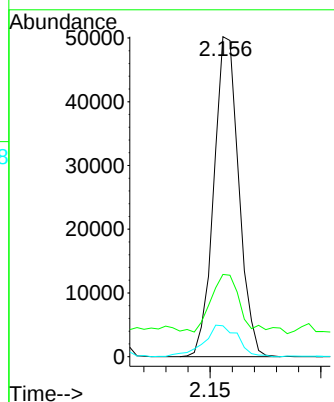
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 39306
Ion Ratio	Lower Upper
76 100	
44 39.2	15.4 23.0#
78 13.6	9.3 13.9



#28

Methyl tert-Butyl Ether

Concen: 2.056 ppbv

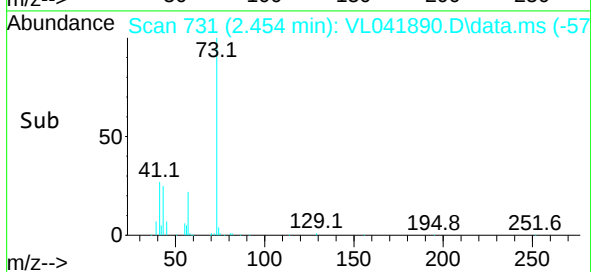
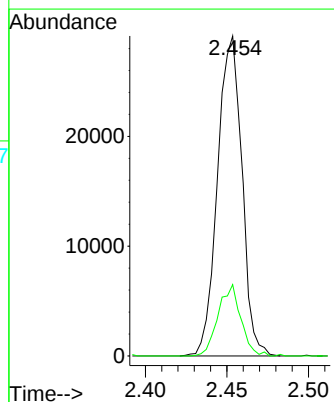
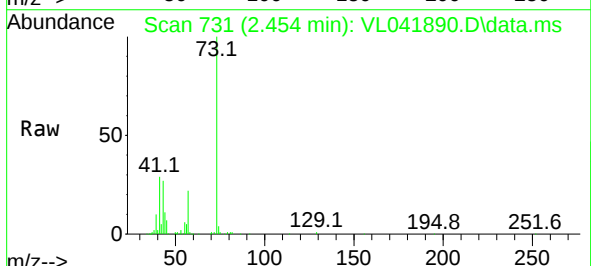
RT: 2.454 min Scan# 731

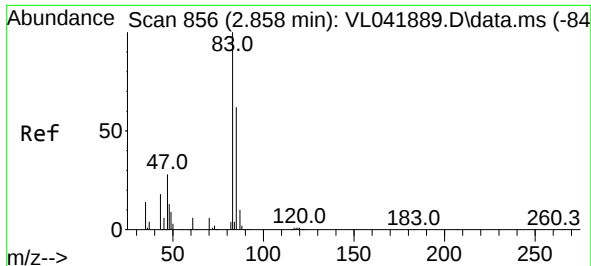
Delta R.T. 0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Tgt Ion: 73	Resp: 30355
Ion Ratio	Lower Upper
73 100	
57 20.8	18.1 27.1





#29

Chloroform

Concen: 2.079 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

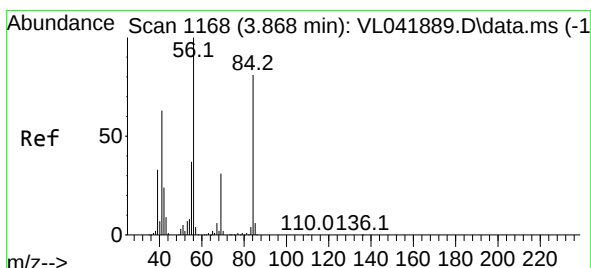
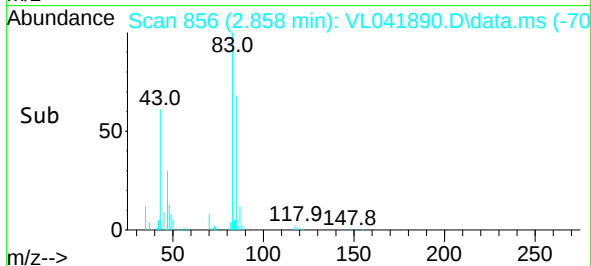
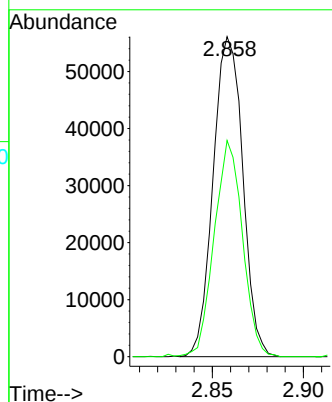
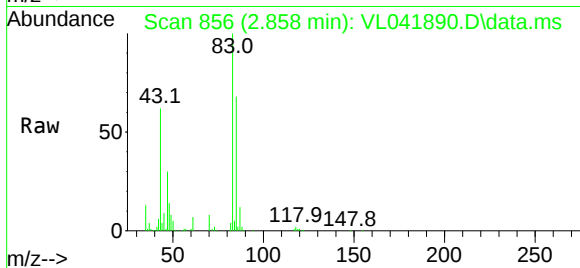
ClientSampleId :

Tgt Ion: 83 Resp: 63457

Ion Ratio Lower Upper

83 100

85 67.6 50.1 75.1



#30

Cyclohexane

Concen: 2.061 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

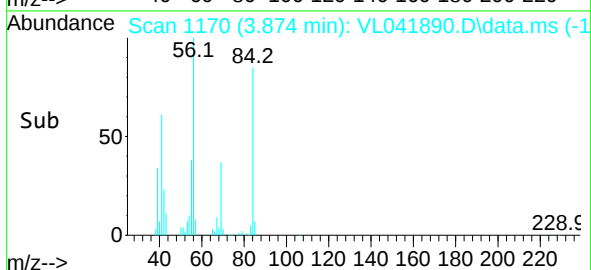
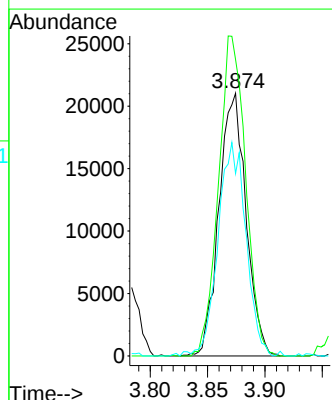
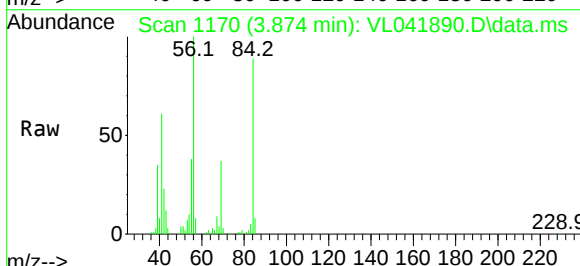
Tgt Ion: 84 Resp: 34518

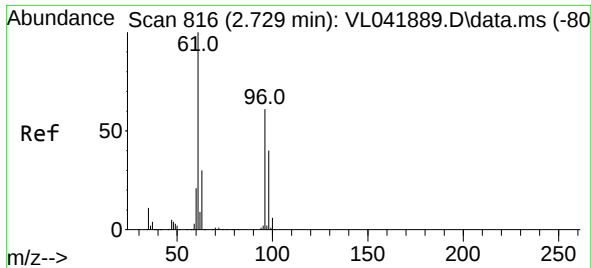
Ion Ratio Lower Upper

84 100

56 121.8 99.3 148.9

41 83.9 64.3 96.5

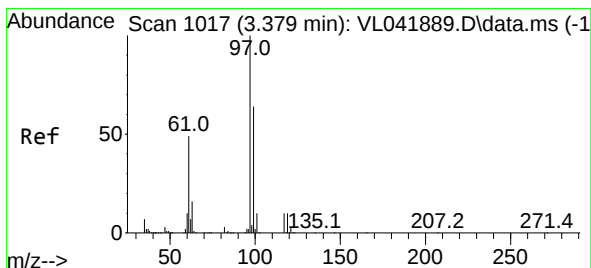
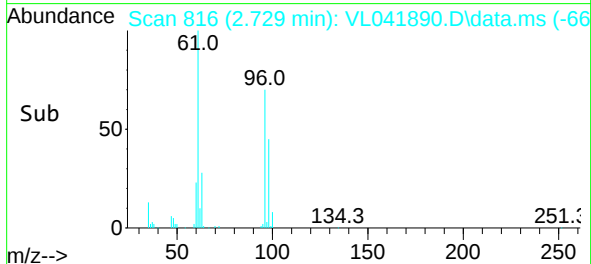
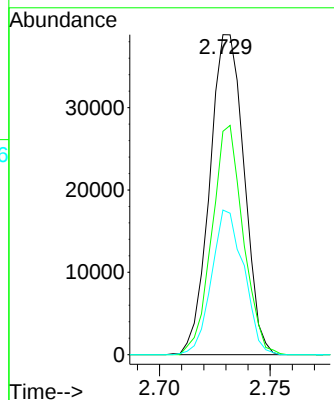
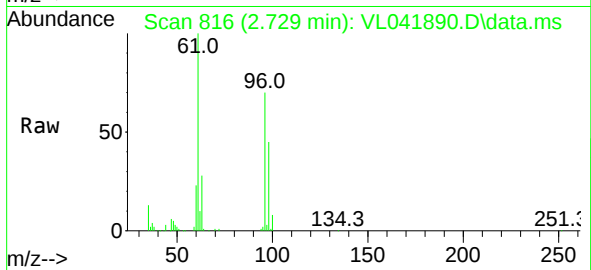




#31
 cis-1,2-Dichloroethene
 Concen: 2.062 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

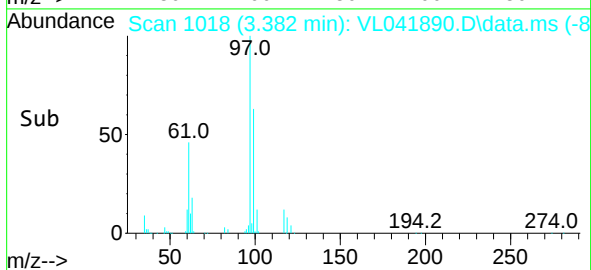
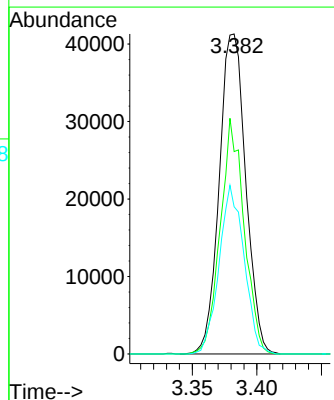
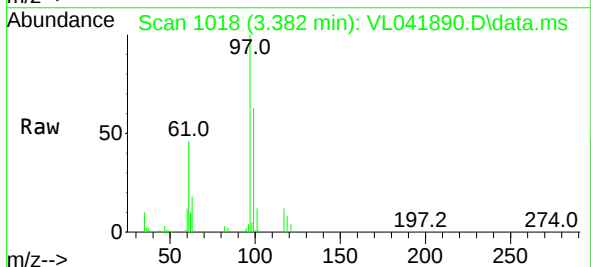
Instrument :
 MSVOA_L
 ClientSampleId :

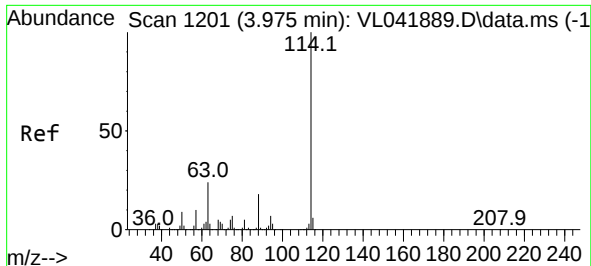
Tgt Ion: 61 Resp: 41921
 Ion Ratio Lower Upper
 61 100
 96 69.8 48.7 73.1
 98 45.2 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 2.019 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. 0.003 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

Tgt Ion: 97 Resp: 58965
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.1 76.7
 61 49.6 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

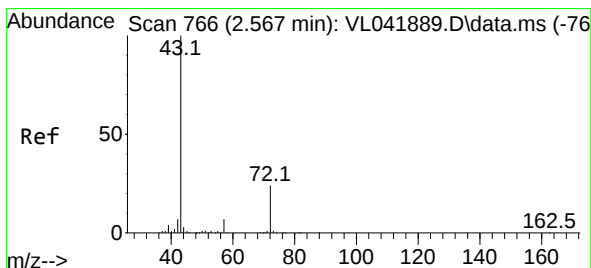
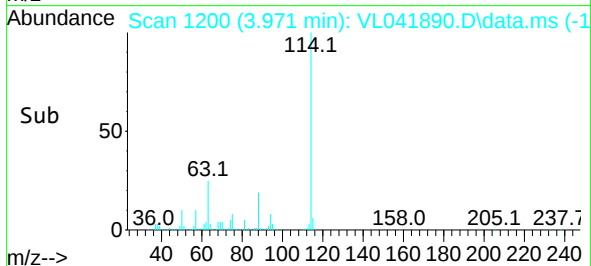
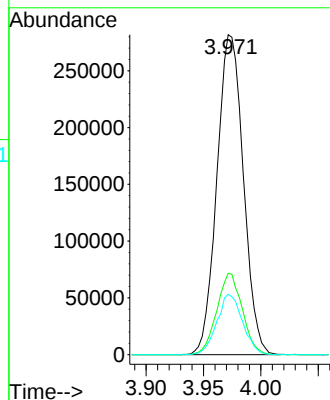
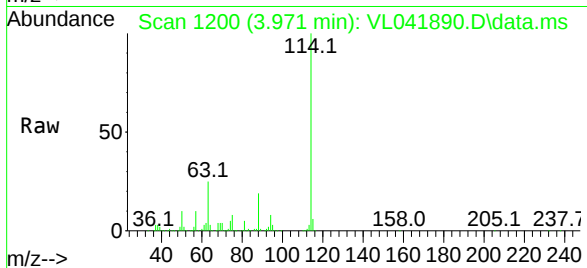
Tgt Ion:114 Resp: 452131

Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.6

88 18.3 14.4 21.6



#34

2-Butanone

Concen: 2.135 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL041890.D

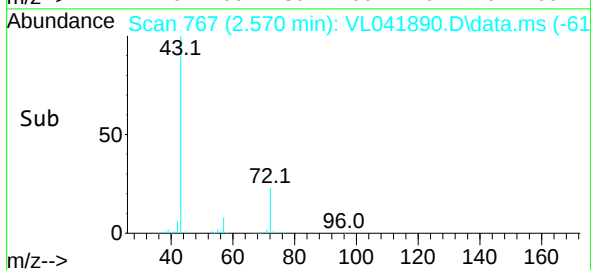
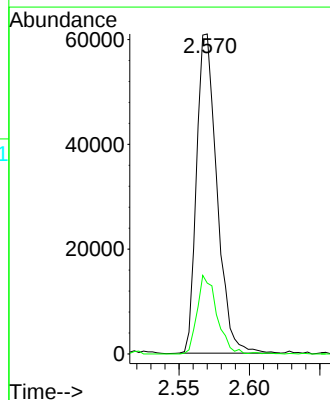
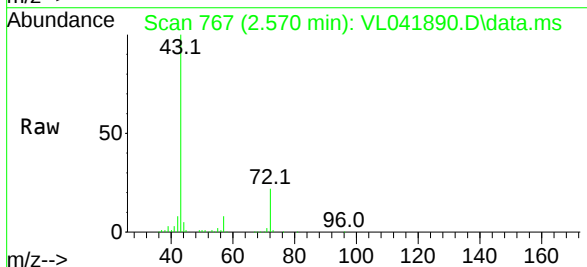
Acq: 14 Jan 2025 13:28

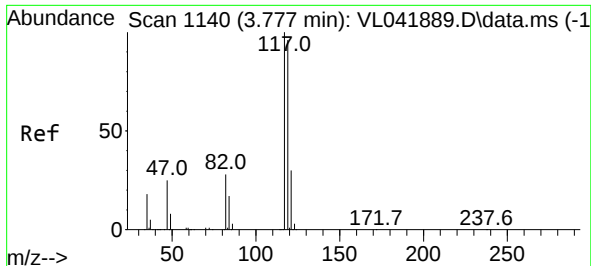
Tgt Ion: 43 Resp: 61381

Ion Ratio Lower Upper

43 100

72 24.0 18.6 28.0

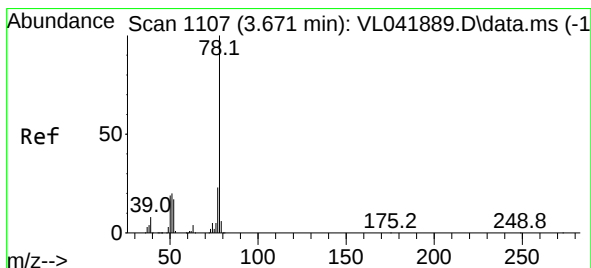
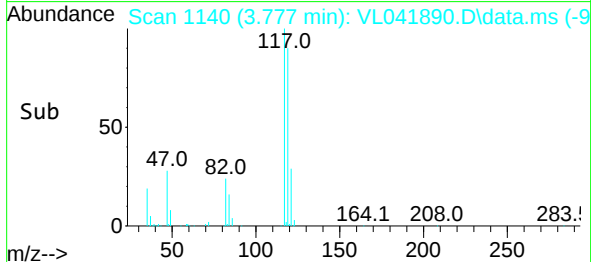
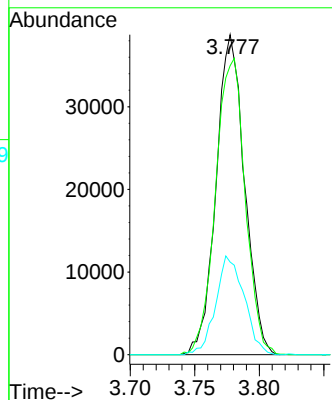
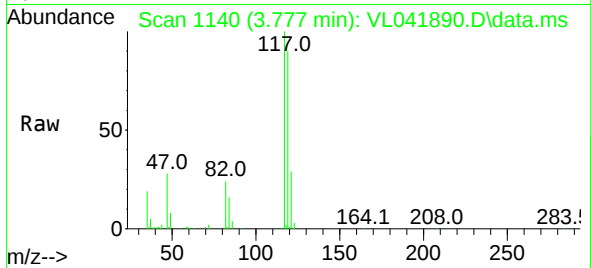




#35
Carbon Tetrachloride
Concen: 2.089 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

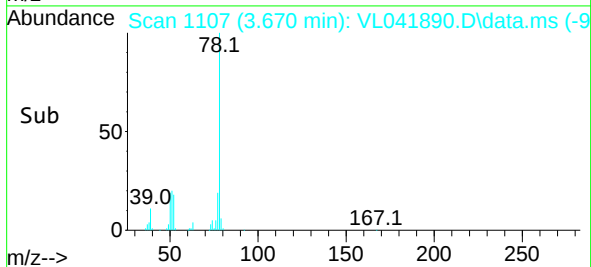
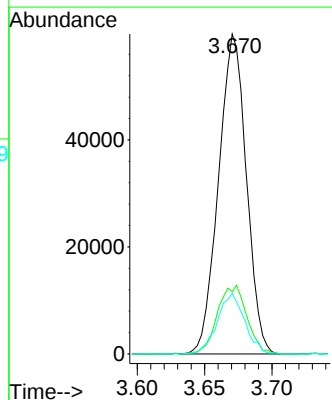
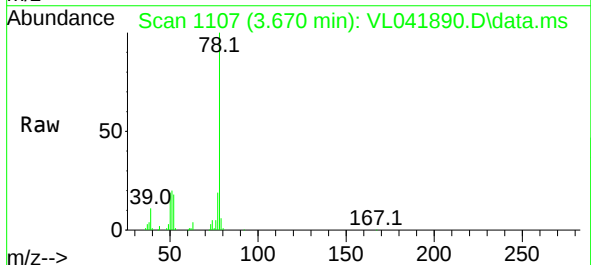
Instrument :
MSVOA_L
ClientSampleId :

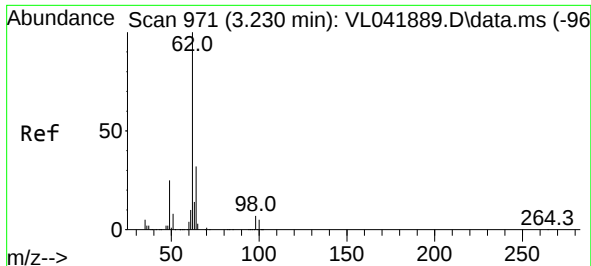
Tgt Ion:117 Resp: 59430
Ion Ratio Lower Upper
117 100
119 90.3 76.9 115.3
121 29.0 23.8 35.6



#36
Benzene
Concen: 2.070 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 78 Resp: 85859
Ion Ratio Lower Upper
78 100
77 19.5 18.1 27.1
50 18.9 15.2 22.8





#37

1,2-Dichloroethane

Concen: 2.009 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

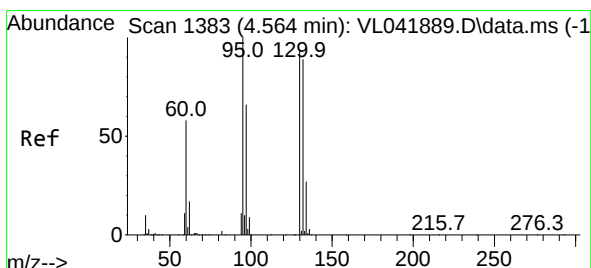
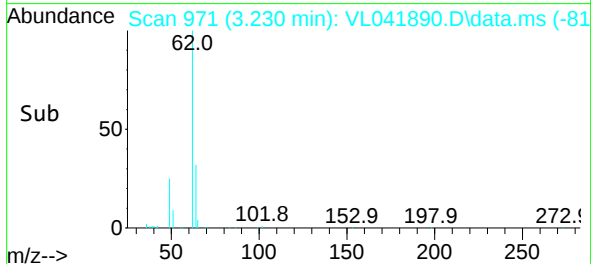
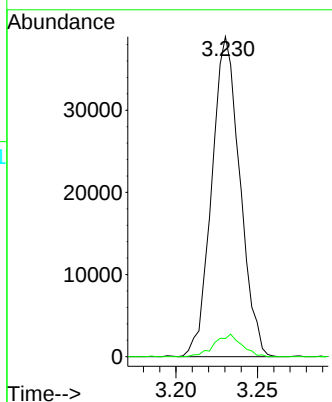
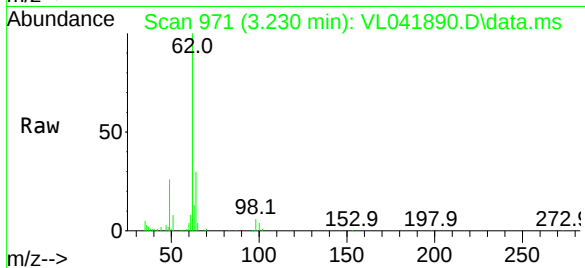
ClientSampleId :

Tgt Ion: 62 Resp: 46786

Ion Ratio Lower Upper

62 100

98 6.9 5.4 8.0



#38

Trichloroethene

Concen: 2.052 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Tgt Ion:130 Resp: 33773

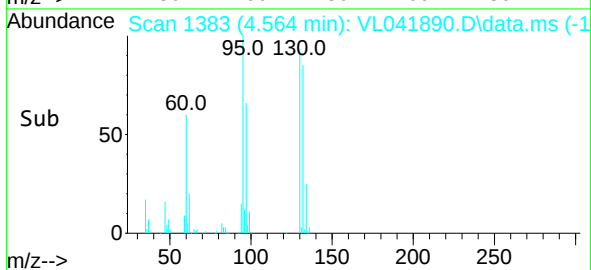
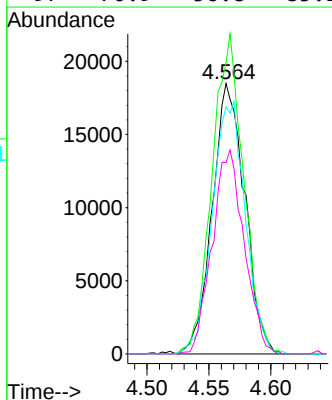
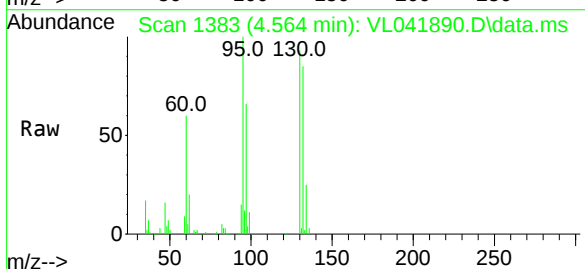
Ion Ratio Lower Upper

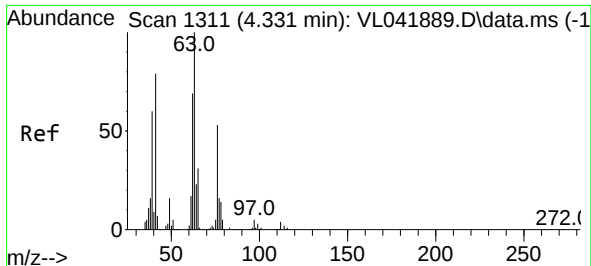
130 100

95 107.2 85.8 128.8

132 91.1 76.5 114.7

97 70.9 56.8 85.2





#39

1,2-Dichloropropane

Concen: 2.043 ppbv

RT: 4.334 min Scan# 1311

Delta R.T. 0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

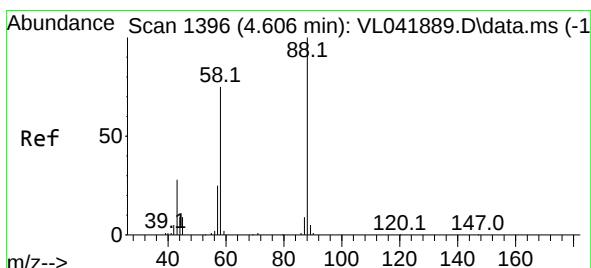
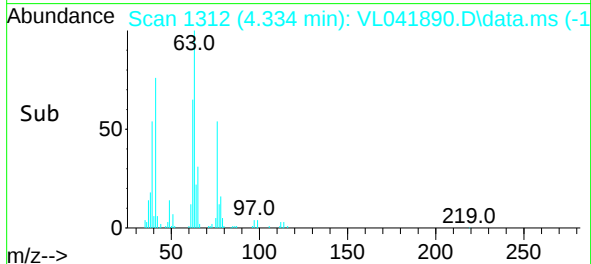
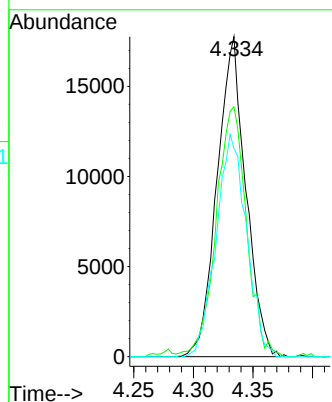
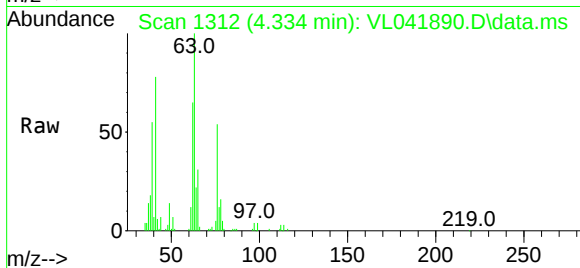
Tgt Ion: 63 Resp: 29723

Ion Ratio Lower Upper

63 100

41 77.2 63.7 95.5

62 65.1 55.4 83.2



#40

1,4-Dioxane

Concen: 0.975 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Tgt Ion: 88 Resp: 7157

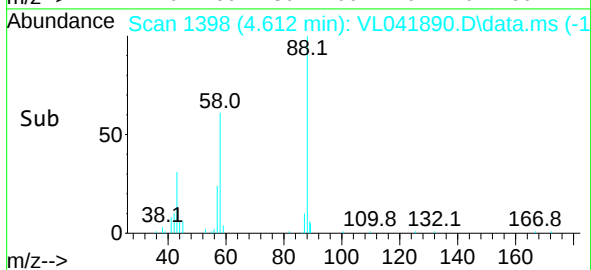
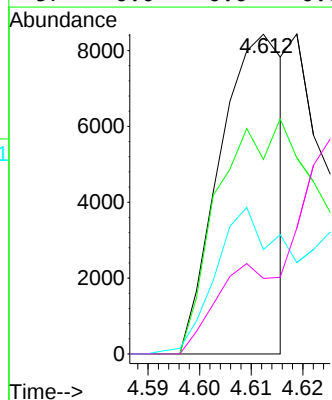
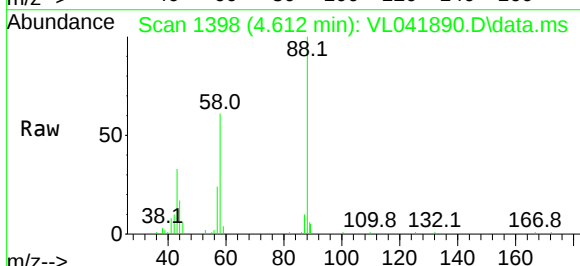
Ion Ratio Lower Upper

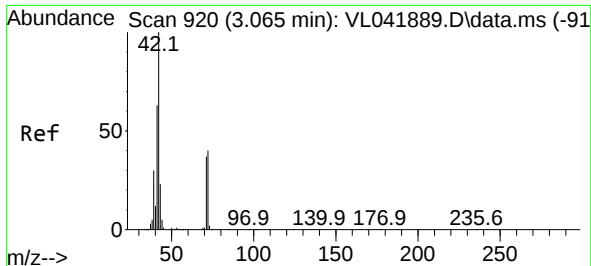
88 100

58 0.0 62.1 93.1#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

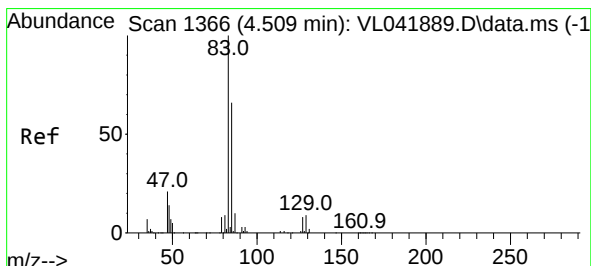
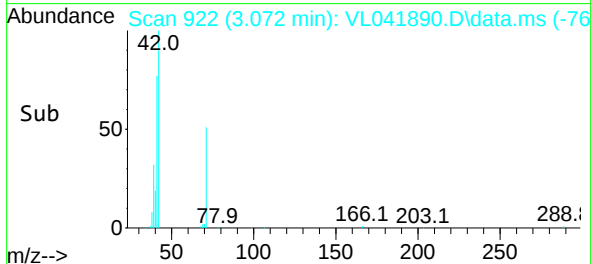
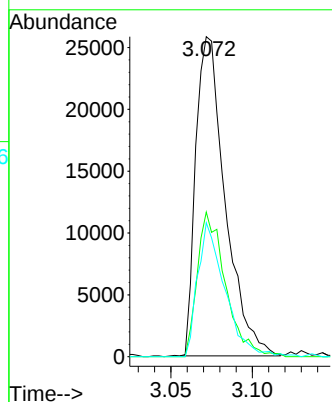
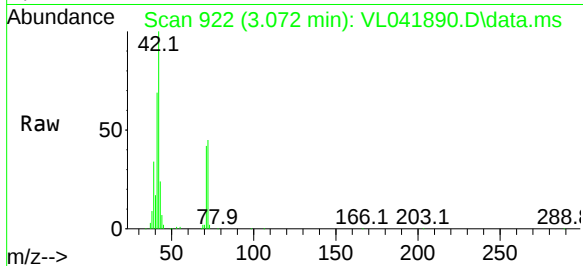




#41
Tetrahydrofuran
Concen: 2.064 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

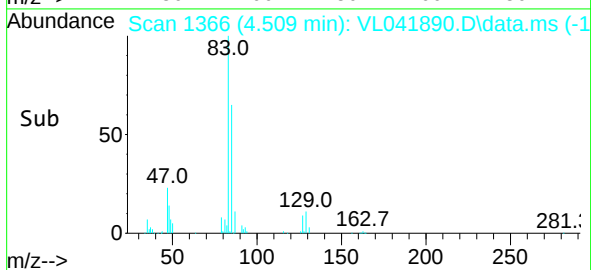
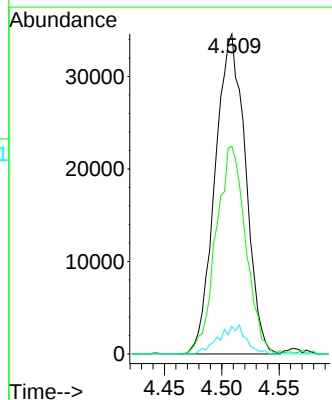
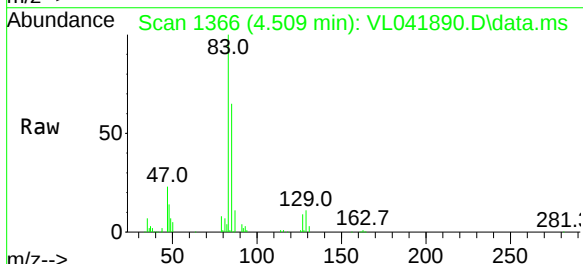
Instrument :
MSVOA_L
ClientSampleId :

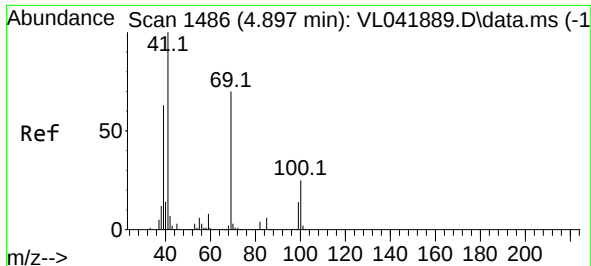
Tgt Ion: 42 Resp: 32358
Ion Ratio Lower Upper
42 100
72 43.3 32.3 48.5
71 39.3 29.9 44.9



#42
Bromodichloromethane
Concen: 2.037 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 83 Resp: 63611
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8
127 8.7 6.4 9.6

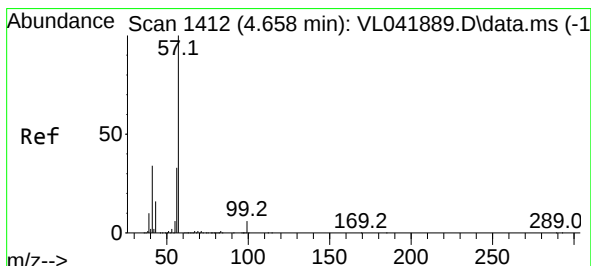
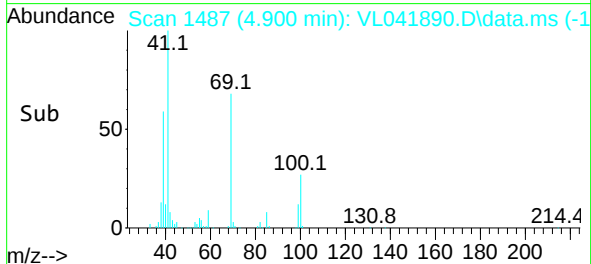
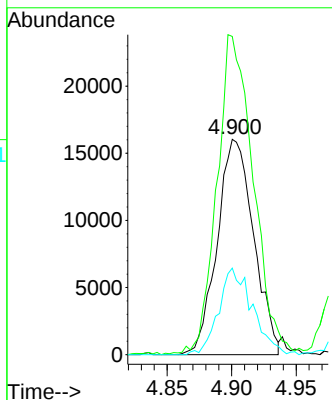
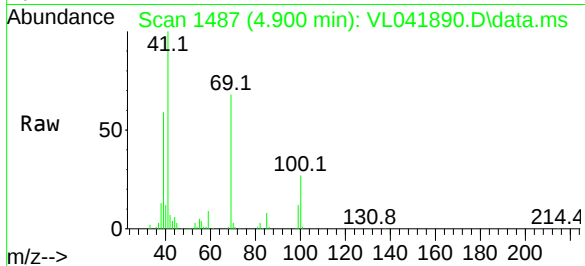




#43
Methyl Methacrylate
Concen: 2.046 ppbv
RT: 4.900 min Scan# 1486
Delta R.T. 0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

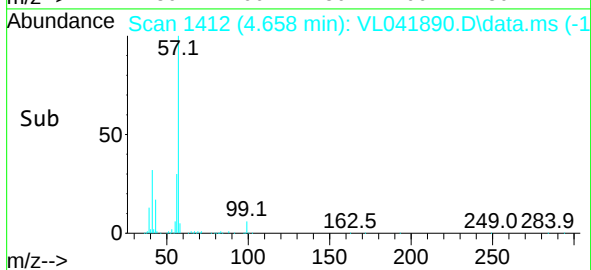
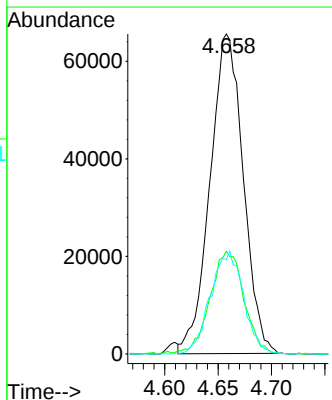
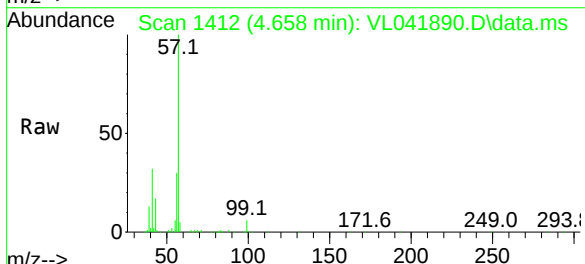
Instrument :
MSVOA_L
ClientSampleId :

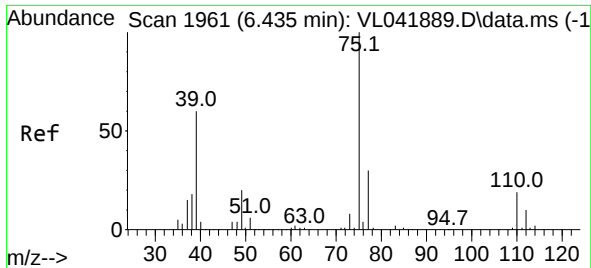
Tgt Ion: 69 Resp: 31519
Ion Ratio Lower Upper
69 100
41 148.7 118.6 177.8
100 37.4 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 2.111 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 57 Resp: 141602
Ion Ratio Lower Upper
57 100
41 33.2 26.6 40.0
56 32.0 25.4 38.2

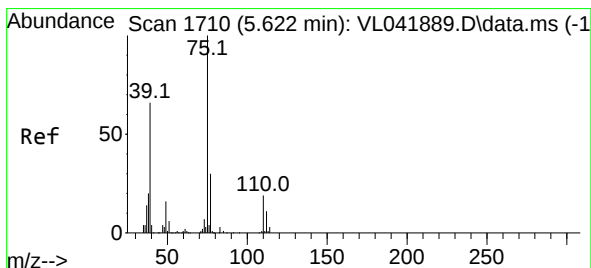
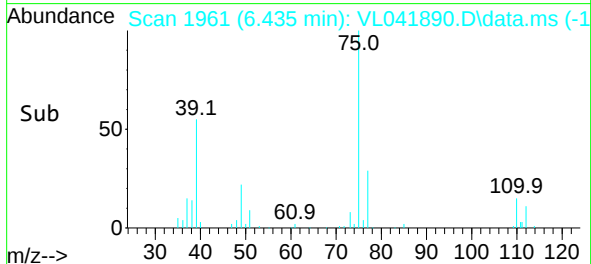
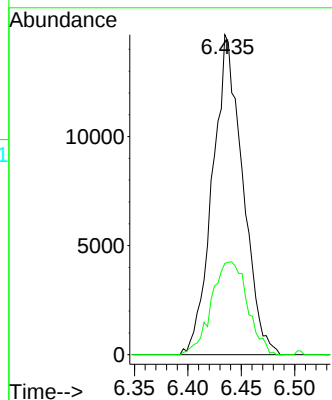
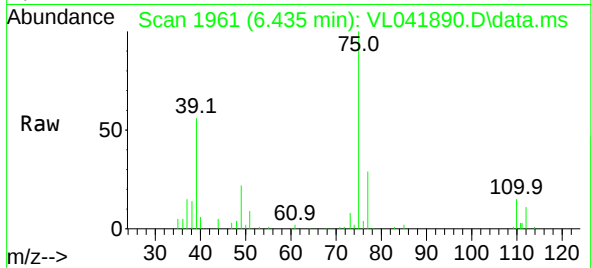




#45
 t-1,3-Dichloropropene
 Concen: 1.999 ppbv
 RT: 6.435 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

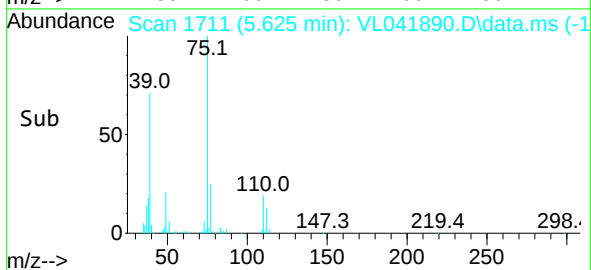
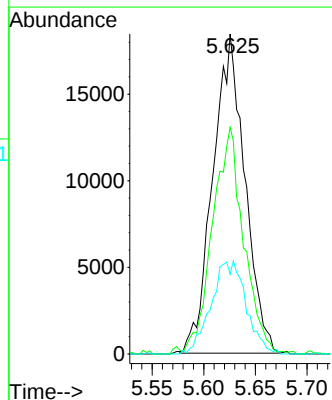
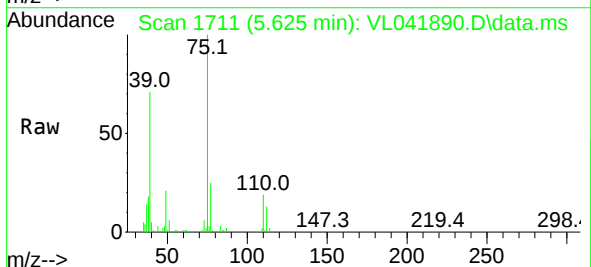
Instrument :
 MSVOA_L
 ClientSampleId :

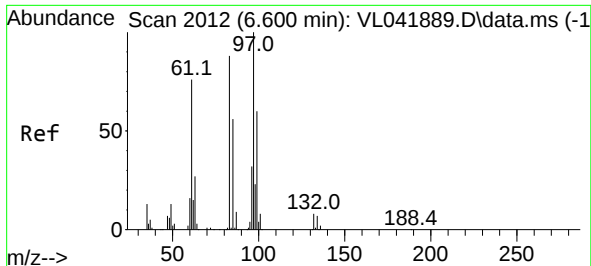
Tgt Ion: 75 Resp: 28818
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.3 36.5



#46
 cis-1,3-Dichloropropene
 Concen: 2.095 ppbv
 RT: 5.625 min Scan# 1711
 Delta R.T. 0.003 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

Tgt Ion: 75 Resp: 39668
 Ion Ratio Lower Upper
 75 100
 39 70.2 53.1 79.7
 77 25.0 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 0.997 ppbv

RT: 6.600 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 15377

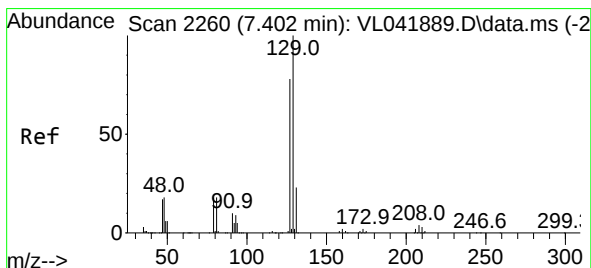
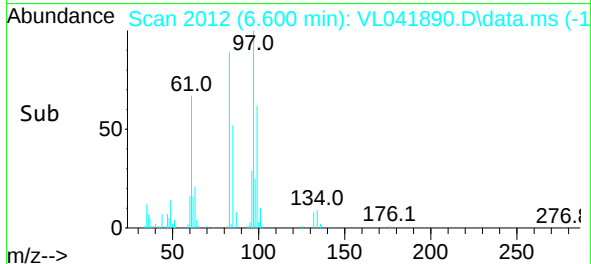
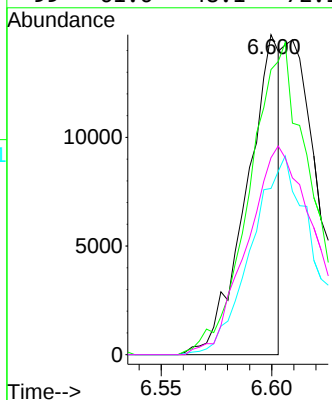
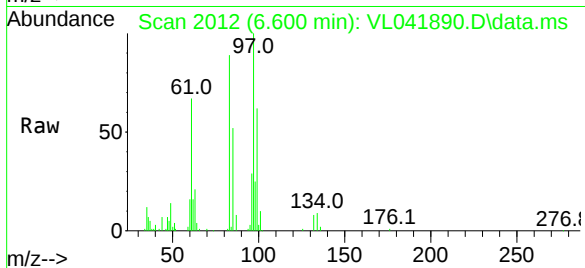
Ion Ratio Lower Upper

97 100

83 89.1 70.4 105.6

85 52.0 45.0 67.4

99 61.6 48.1 72.1



#48

Dibromochloromethane

Concen: 2.055 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. 0.003 min

Lab File: VL041890.D

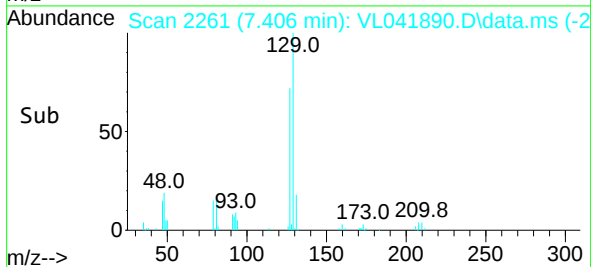
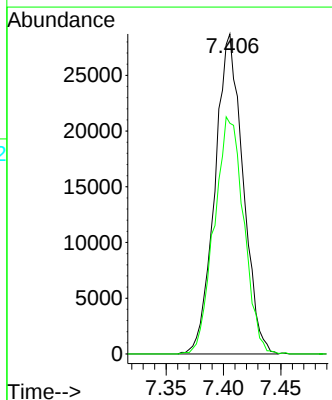
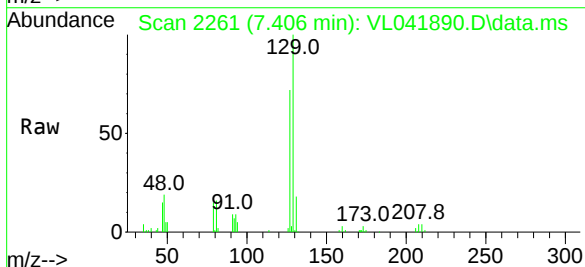
Acq: 14 Jan 2025 13:28

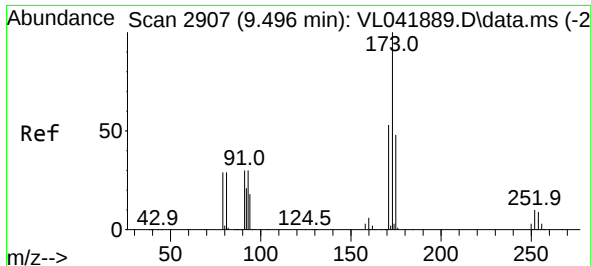
Tgt Ion: 129 Resp: 48894

Ion Ratio Lower Upper

129 100

127 77.7 39.3 117.8

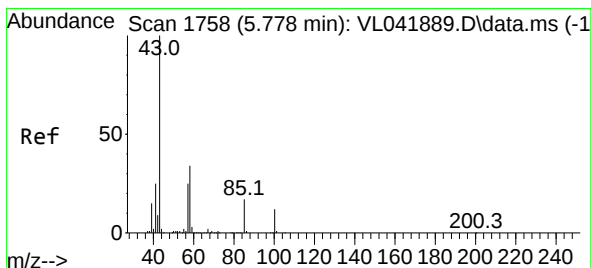
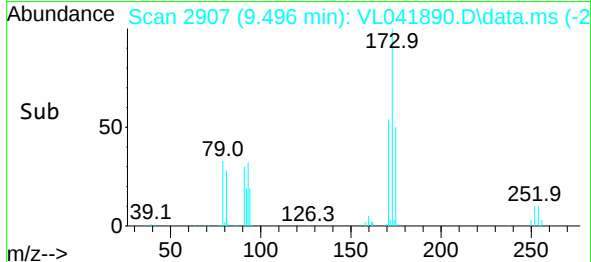
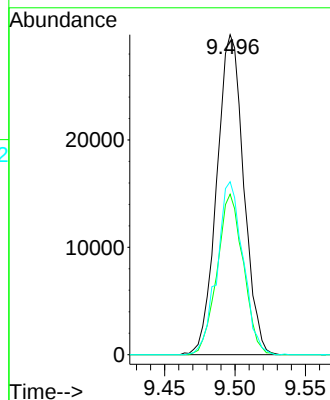
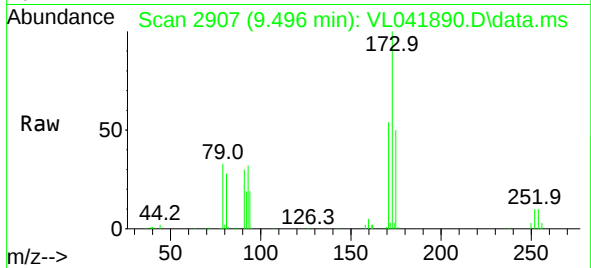




#49
Bromoform
Concen: 2.032 ppbv
RT: 9.496 min Scan# 2907
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

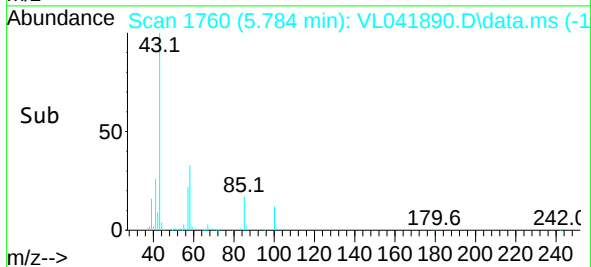
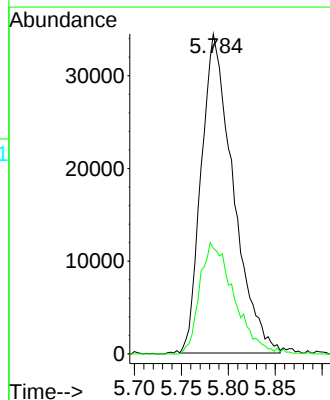
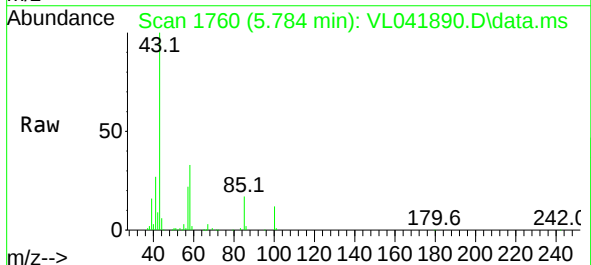
Instrument :
MSVOA_L
ClientSampleId :

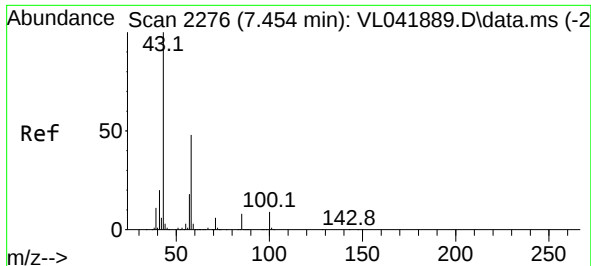
Tgt Ion:173 Resp: 39710
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
171 52.3 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 2.076 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 43 Resp: 81330
Ion Ratio Lower Upper
43 100
58 37.7 29.0 43.6

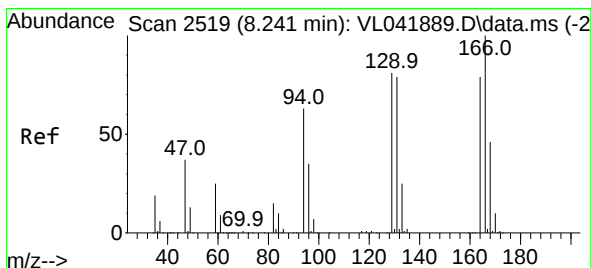
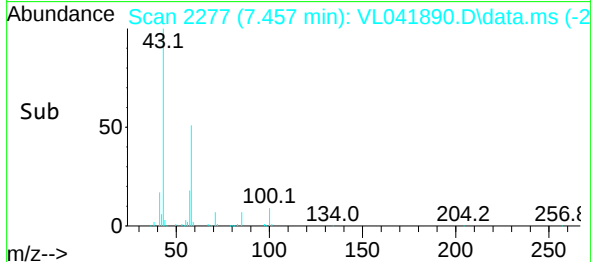
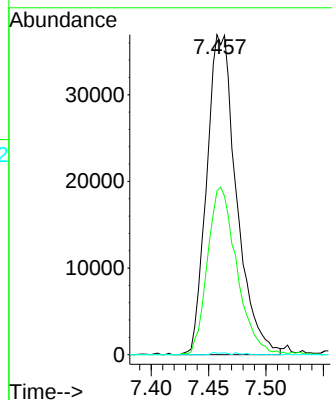
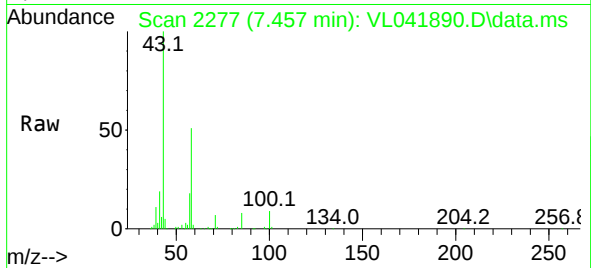




#51
2-Hexanone
Concen: 2.216 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

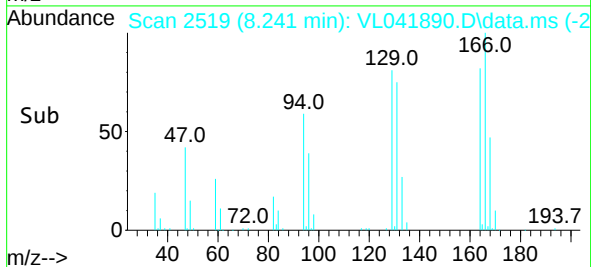
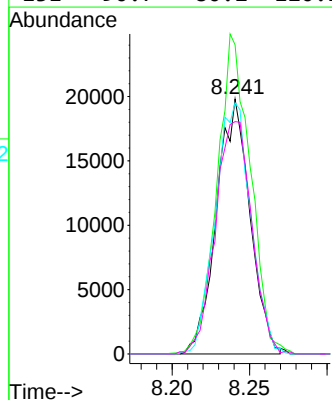
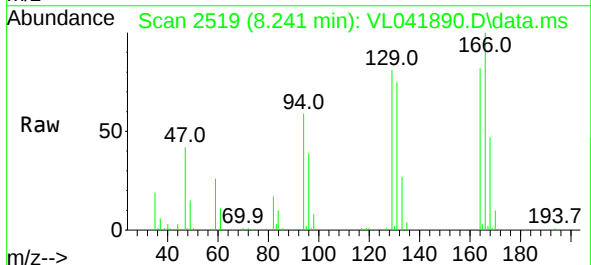
Instrument :
MSVOA_L
ClientSampleId :

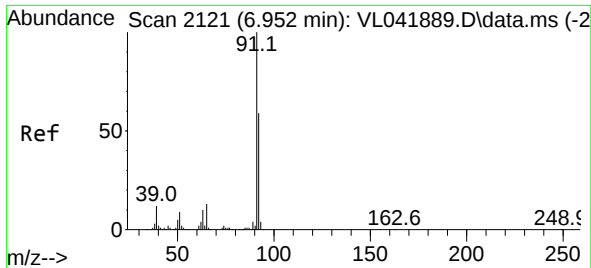
Tgt Ion: 43 Resp: 66831
Ion Ratio Lower Upper
43 100
58 51.7 40.4 60.6
98 0.5 0.2 0.2#



#52
Tetrachloroethene
Concen: 2.074 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 164 Resp: 29814
Ion Ratio Lower Upper
164 100
166 120.9 100.8 151.2
129 98.2 82.0 123.0
131 90.7 80.2 120.2

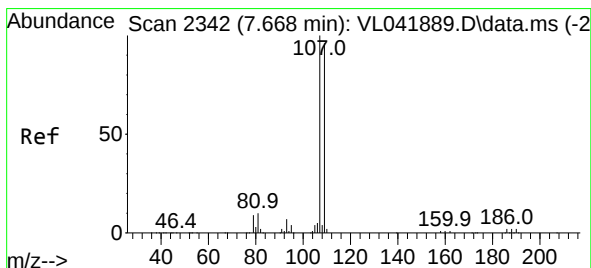
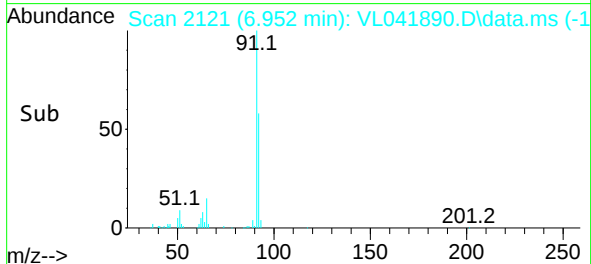
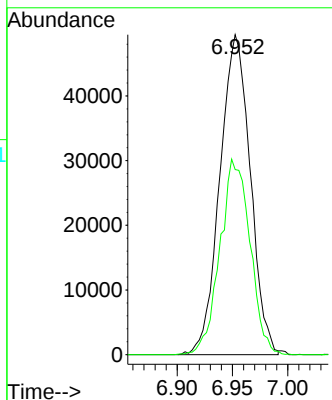
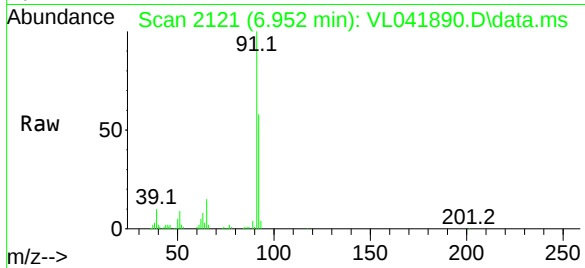




#53
Toluene
Concen: 2.097 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

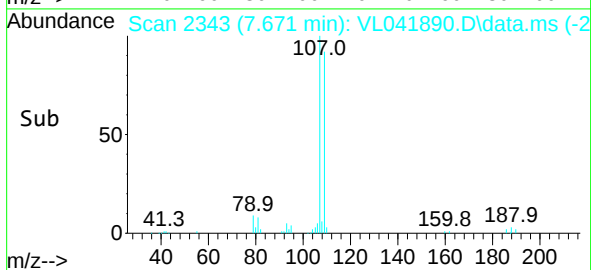
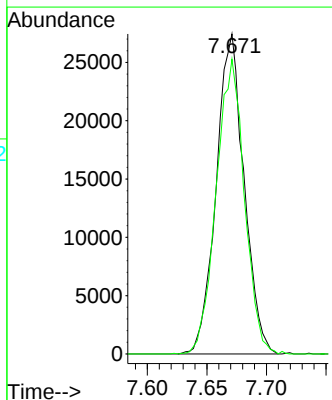
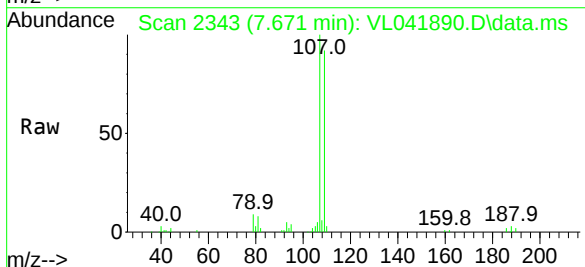
Instrument :
MSVOA_L
ClientSampleId :

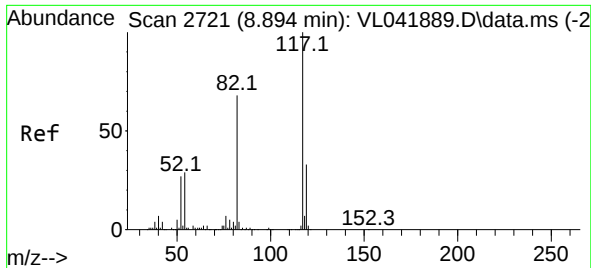
Tgt Ion: 91 Resp: 94741
Ion Ratio Lower Upper
91 100
92 60.5 47.4 71.0



#54
1,2-Dibromoethane
Concen: 2.106 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 107 Resp: 44636
Ion Ratio Lower Upper
107 100
109 92.1 76.7 115.1

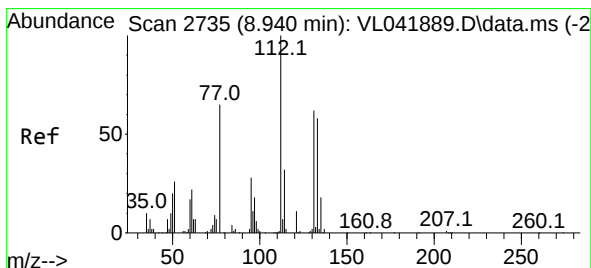
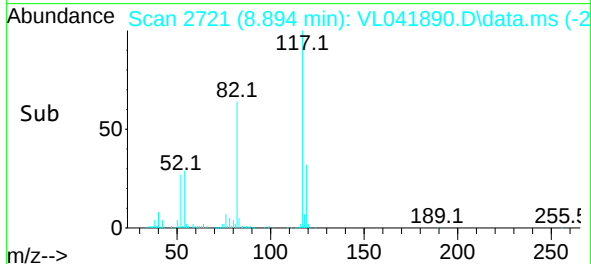
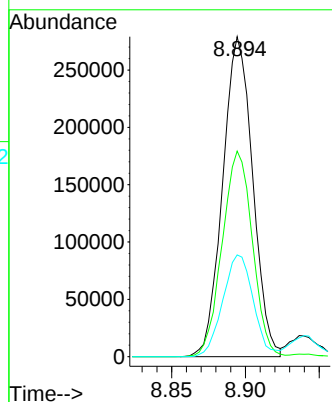
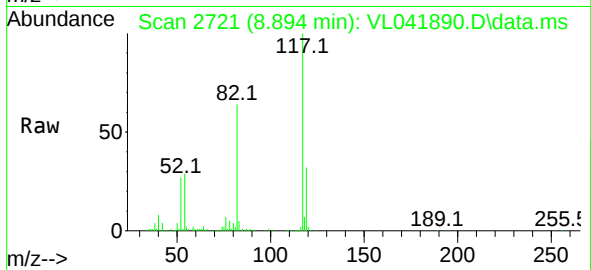




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2721
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

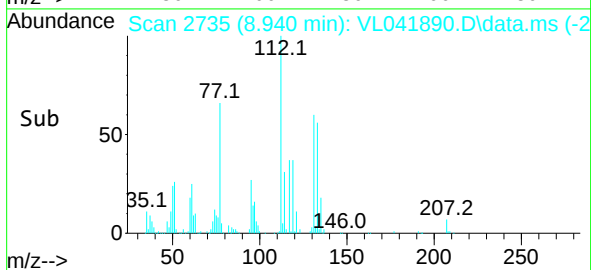
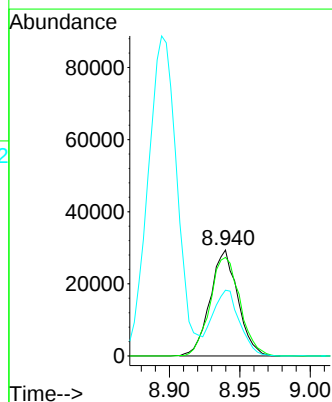
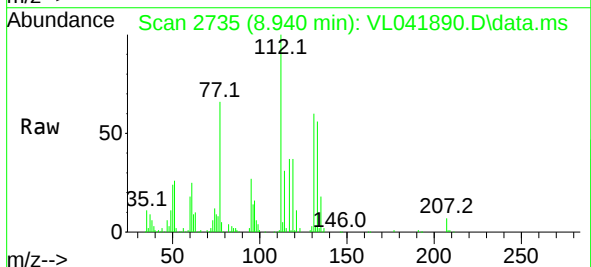
Instrument :
MSVOA_L
ClientSampleId :

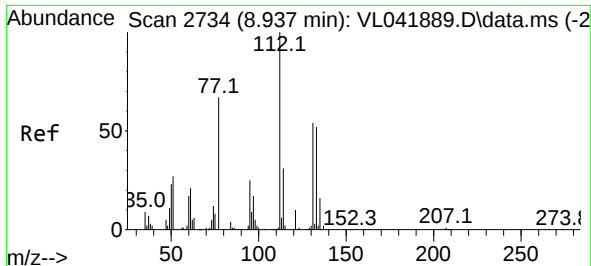
Tgt Ion:117 Resp: 394865
Ion Ratio Lower Upper
117 100
82 65.4 54.2 81.4
119 32.2 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 2.043 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

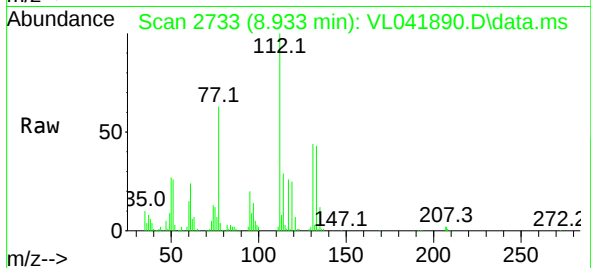
Tgt Ion:131 Resp: 40249
Ion Ratio Lower Upper
131 100
133 100.7 76.0 114.0
119 56.1 49.7 74.5



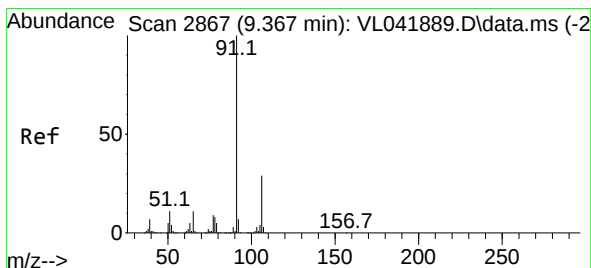
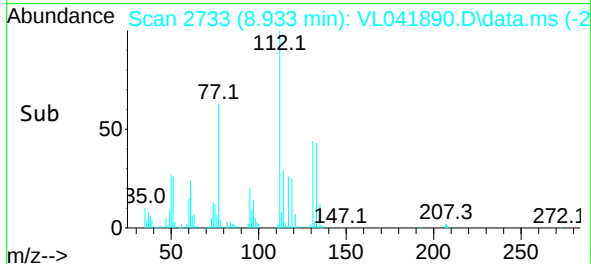
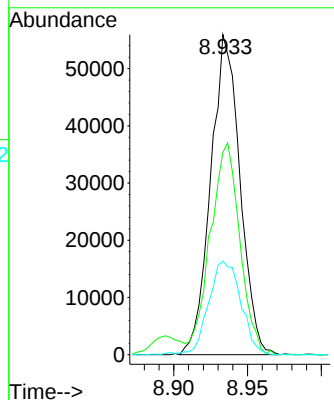


#57
Chlorobenzene
Concen: 2.119 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Instrument :
MSVOA_L
ClientSampleId :

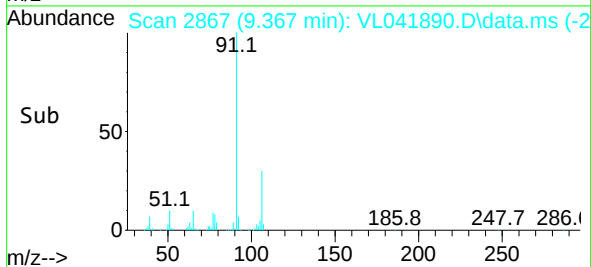
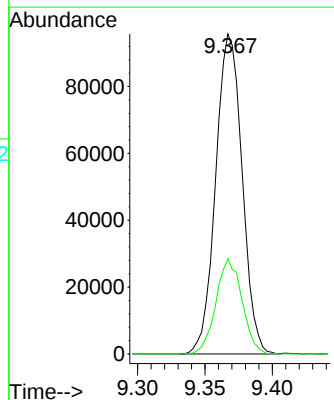
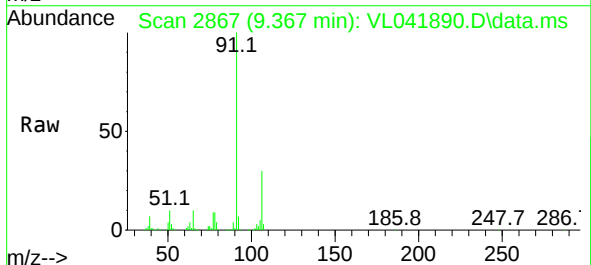


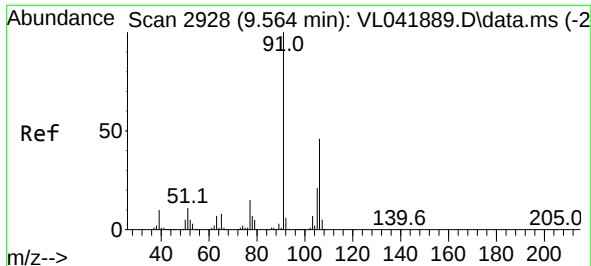
Tgt Ion:112 Resp: 77180
Ion Ratio Lower Upper
112 100
77 63.3 54.6 82.0
114 29.1 28.2 34.4



#58
Ethyl Benzene
Concen: 2.116 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 91 Resp: 130554
Ion Ratio Lower Upper
91 100
106 29.8 23.1 34.7

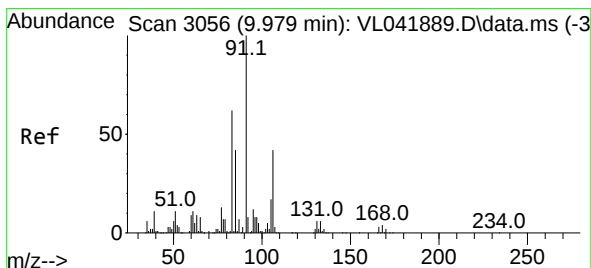
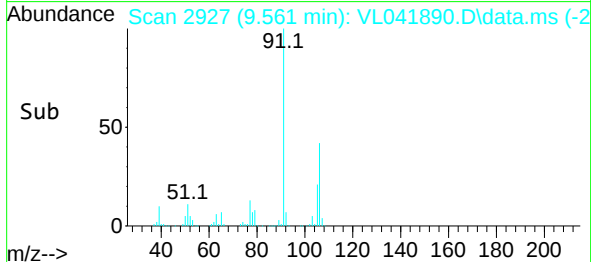
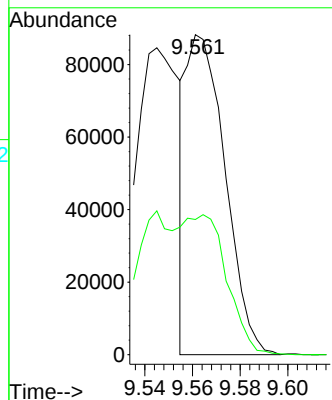
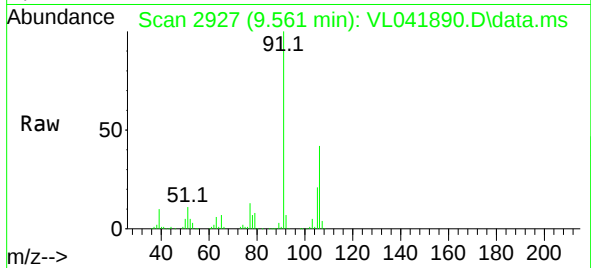




#59
m/p-Xylene
Concen: 2.015 ppbv
RT: 9.561 min Scan# 2927
Delta R.T. -0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

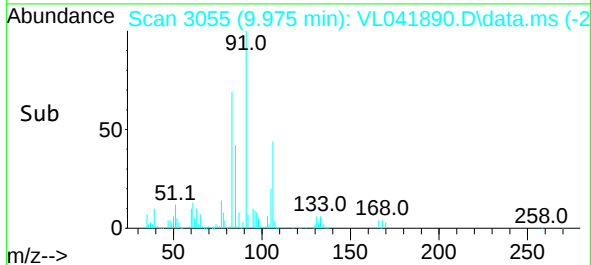
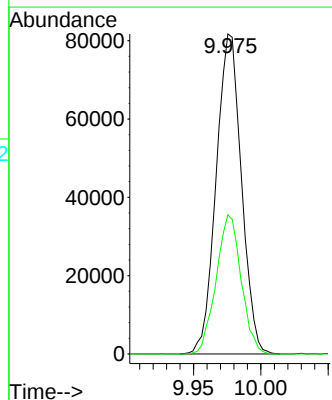
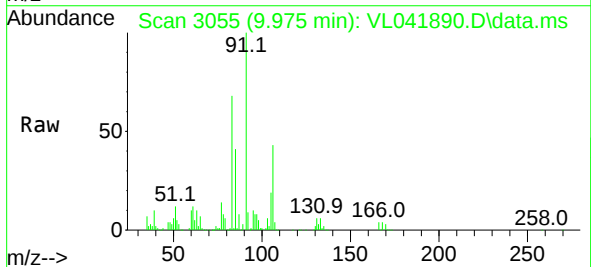
Instrument :
MSVOA_L
ClientSampleId :

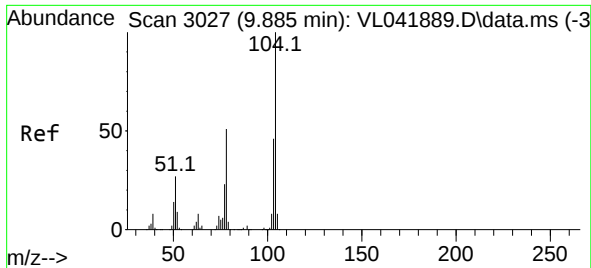
Tgt Ion: 91 Resp: 99808
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#



#60
o-Xylene
Concen: 2.168 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion: 91 Resp: 106458
Ion Ratio Lower Upper
91 100
106 43.1 21.3 63.9

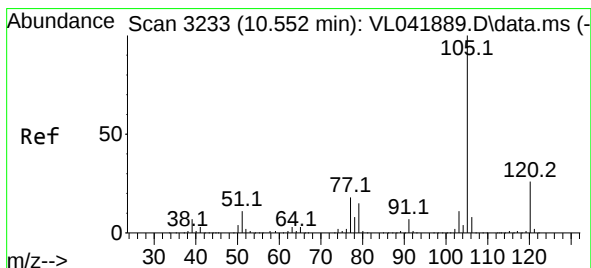
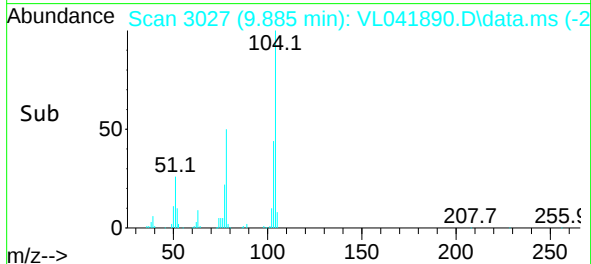
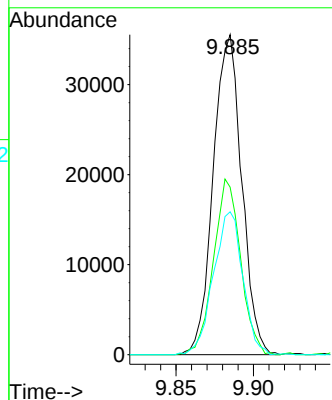
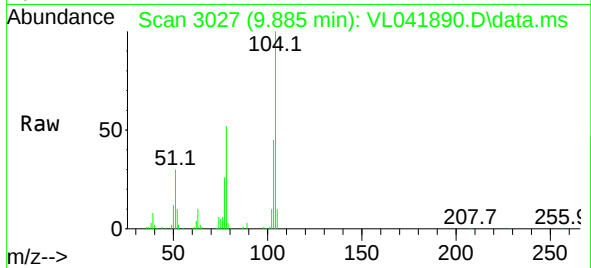




#61
Styrene
Concen: 2.065 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

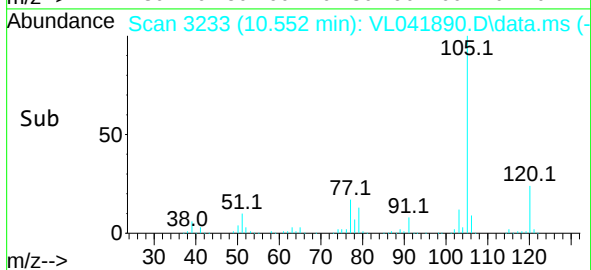
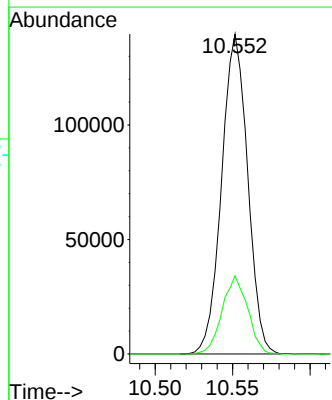
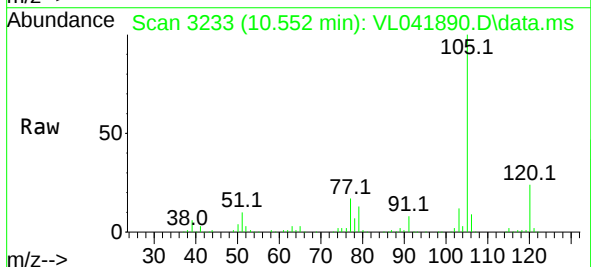
Instrument :
MSVOA_L
ClientSampleId :

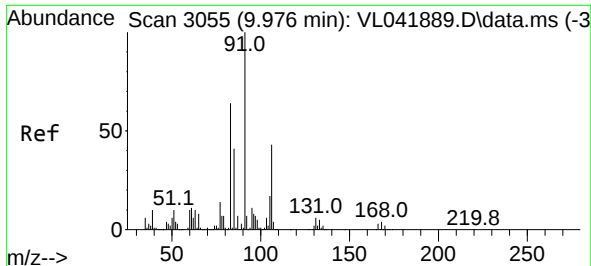
Tgt Ion:104 Resp: 45490
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.6
103 46.0 37.2 55.8



#62
Isopropylbenzene
Concen: 2.147 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:105 Resp: 163135
Ion Ratio Lower Upper
105 100
120 23.9 20.3 30.5

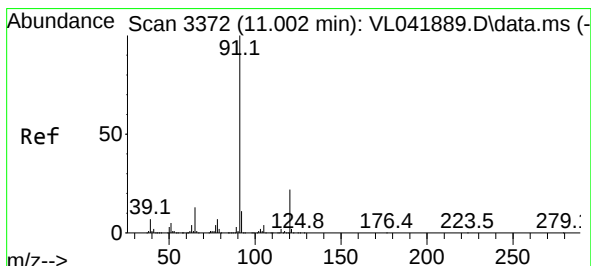
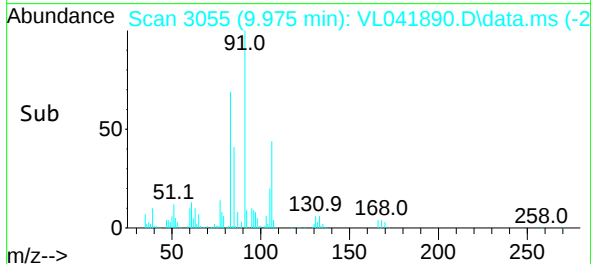
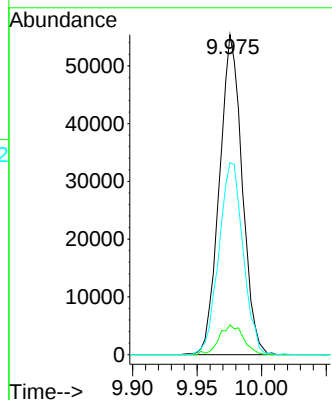
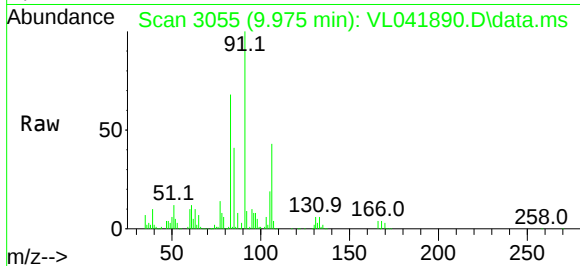




#63
1,1,2,2-Tetrachloroethane
Concen: 2.193 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

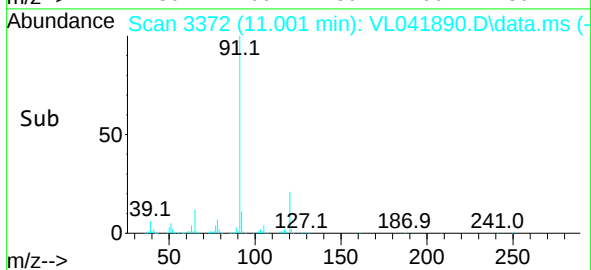
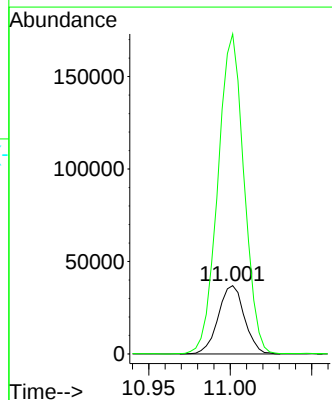
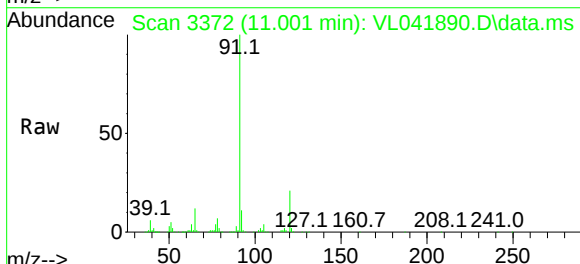
Instrument :
MSVOA_L
ClientSampleId :

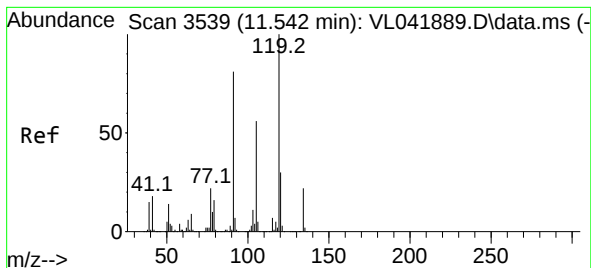
Tgt Ion: 83 Resp: 67775
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.0 32.4 97.2



#64
n-propylbenzene
Concen: 2.145 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:120 Resp: 41184
Ion Ratio Lower Upper
120 100
91 469.0 374.1 561.1





#65

tert-Butylbenzene

Concen: 2.189 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

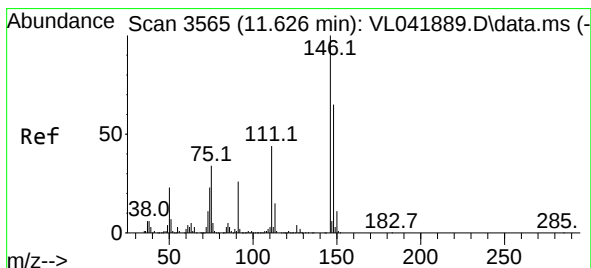
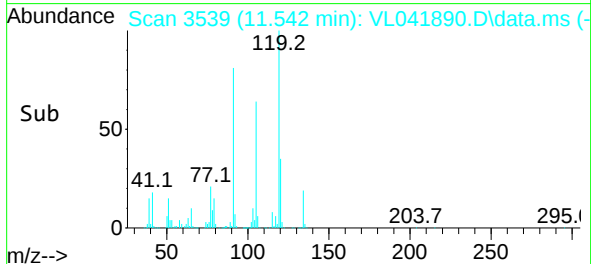
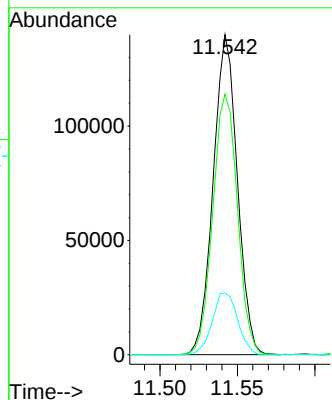
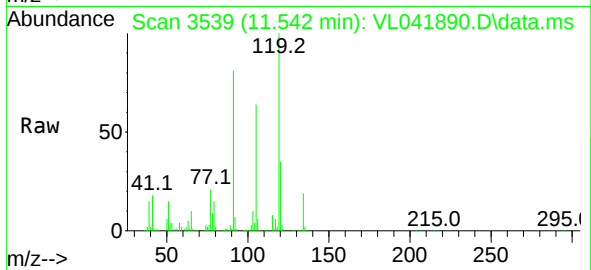
Tgt Ion:119 Resp: 151534

Ion Ratio Lower Upper

119 100

91 83.4 64.6 97.0

134 20.4 16.8 25.2



#66

Benzyl Chloride

Concen: 2.083 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

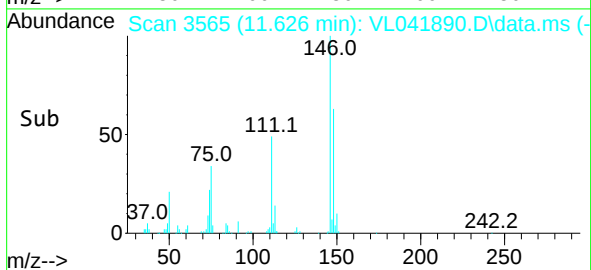
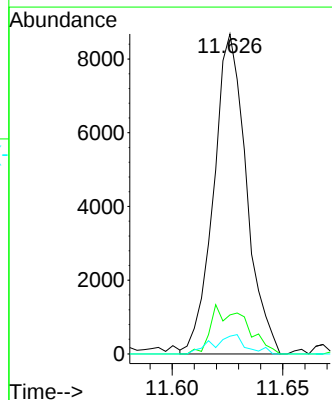
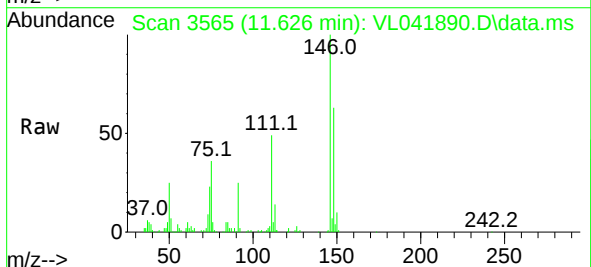
Tgt Ion: 91 Resp: 8925

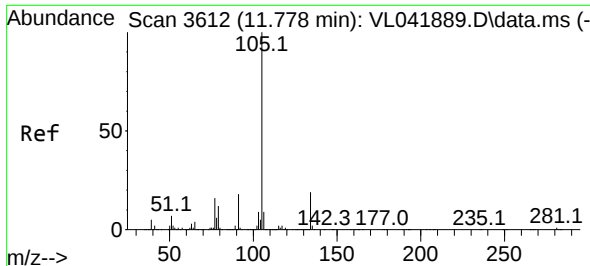
Ion Ratio Lower Upper

91 100

126 16.4 14.1 21.1

128 6.0 4.3 6.5





#67

sec-Butylbenzene

Concen: 2.221 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

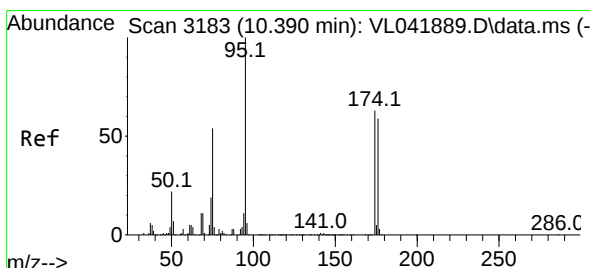
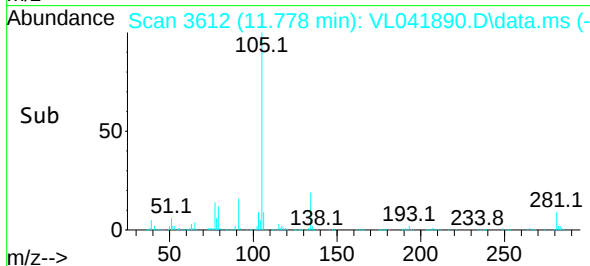
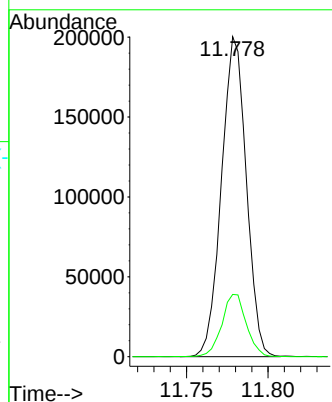
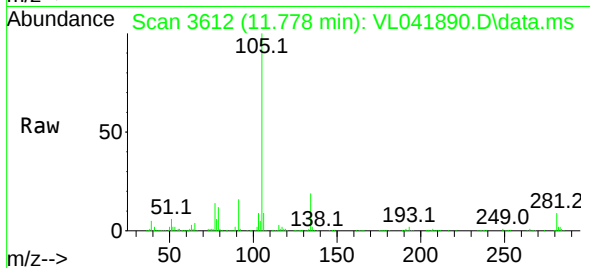
ClientSampleId :

Tgt Ion:105 Resp: 211759

Ion Ratio Lower Upper

105 100

134 19.3 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.089 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

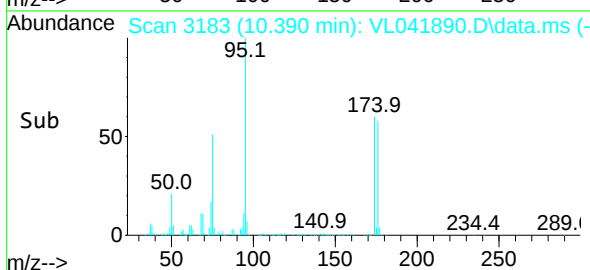
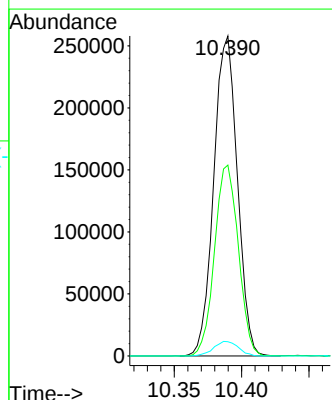
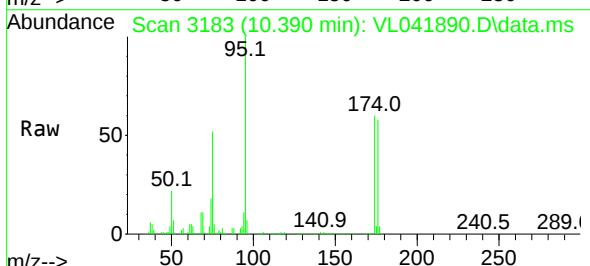
Tgt Ion: 95 Resp: 313784

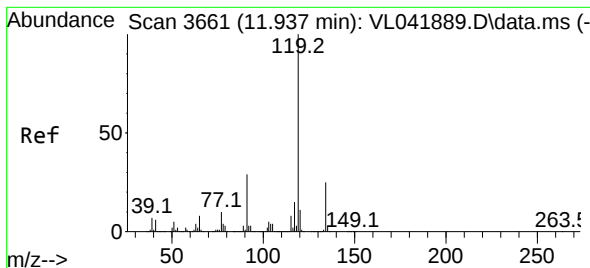
Ion Ratio Lower Upper

95 100

174 60.4 49.0 73.4

175 4.8 3.8 5.8

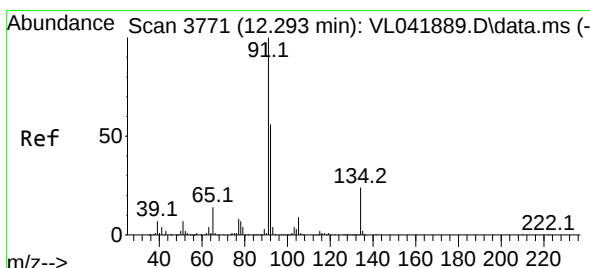
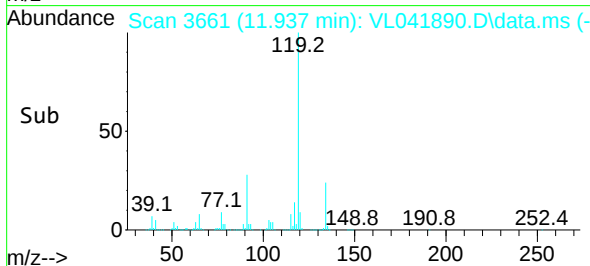
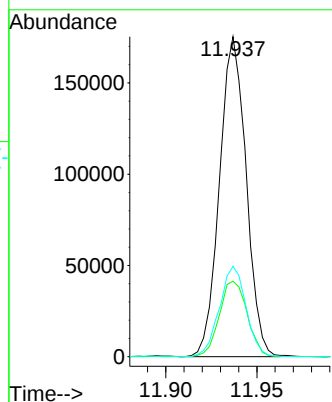
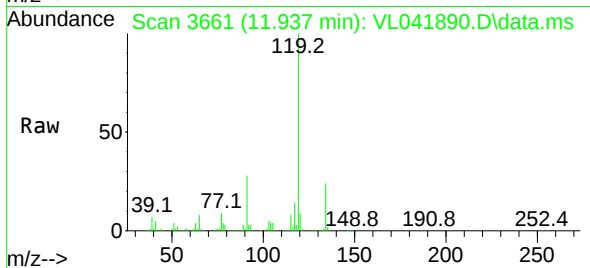




#69
 p-Isopropyltoluene
 Concen: 2.270 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

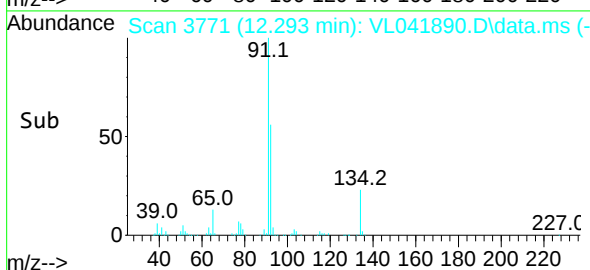
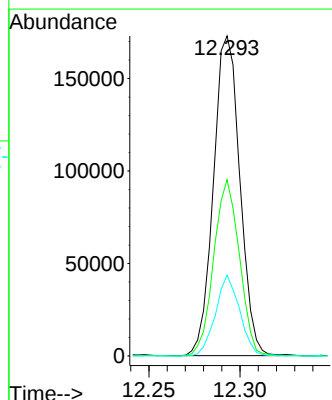
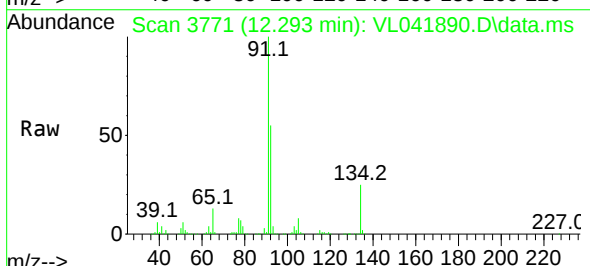
Instrument :
 MSVOA_1
 ClientSampleId :

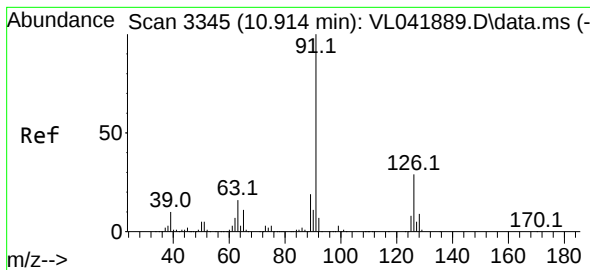
Tgt Ion:119 Resp: 178172
 Ion Ratio Lower Upper
 119 100
 134 24.7 19.8 29.6
 91 28.5 23.0 34.4



#70
 n-Butylbenzene
 Concen: 2.238 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. -0.000 min
 Lab File: VL041890.D
 Acq: 14 Jan 2025 13:28

Tgt Ion: 91 Resp: 174217
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.8 65.6
 134 23.2 19.0 28.6

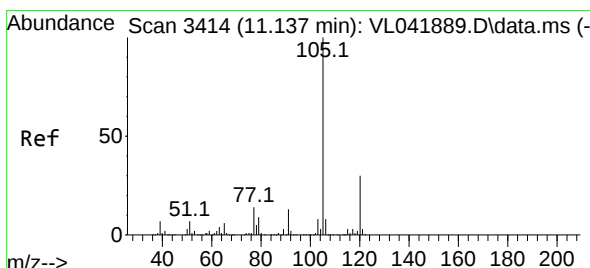
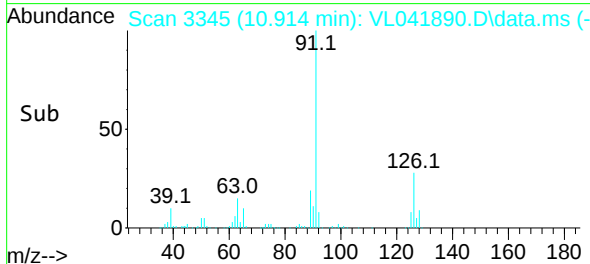
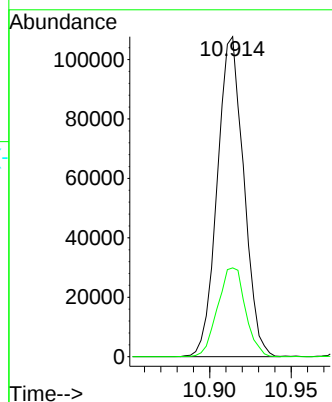
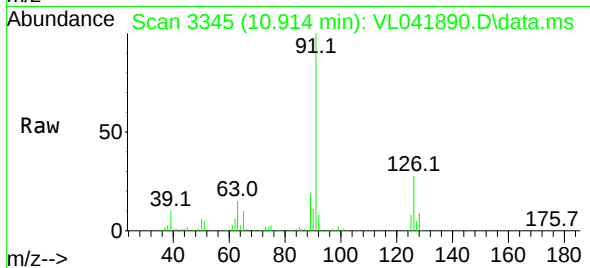




#71
2-Chlorotoluene
Concen: 2.161 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

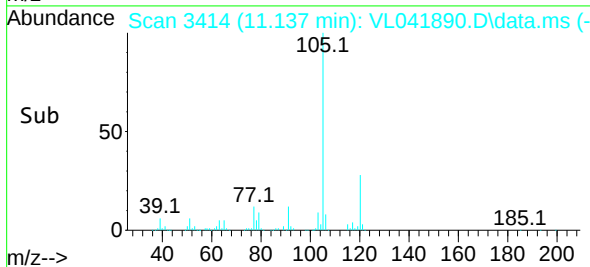
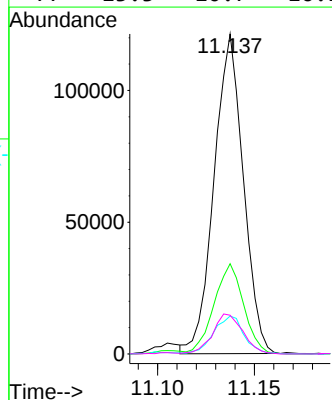
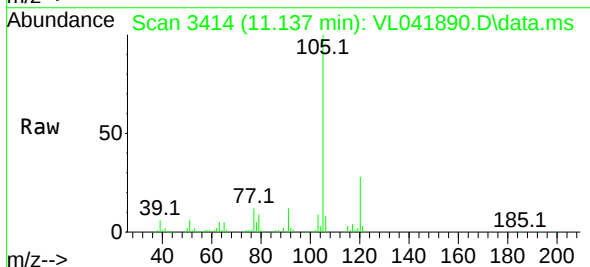
Instrument :
MSVOA_L
ClientSampleId :

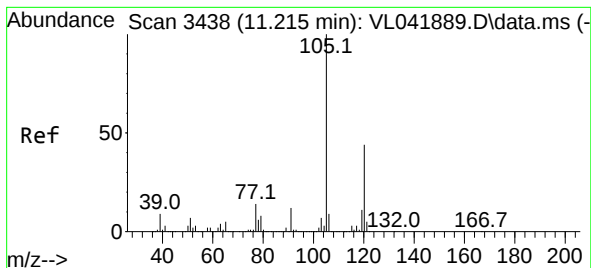
Tgt Ion: 91 Resp: 121418
Ion Ratio Lower Upper
91 100
126 29.1 11.7 46.7



#72
4-Ethyltoluene
Concen: 2.164 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:105 Resp: 127115
Ion Ratio Lower Upper
105 100
120 29.7 23.7 35.5
91 12.9 10.2 15.2
77 13.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 2.205 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

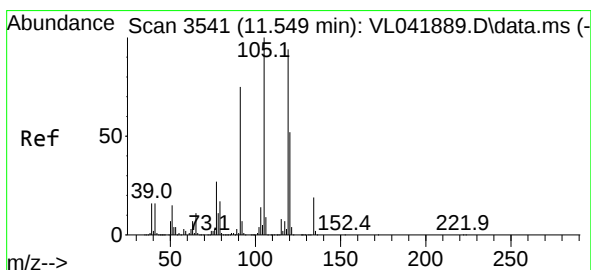
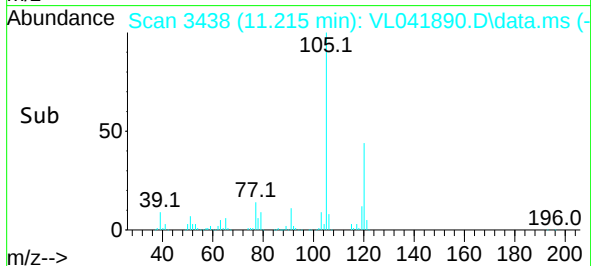
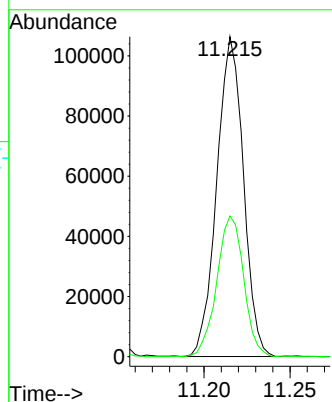
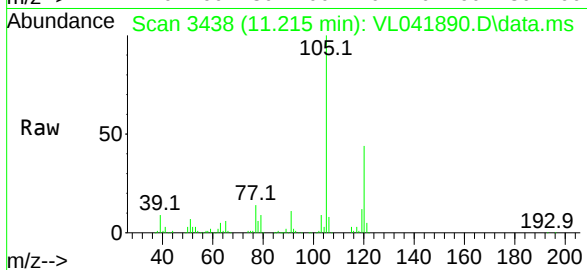
ClientSampleId :

Tgt Ion:105 Resp: 114342

Ion Ratio Lower Upper

105 100

120 43.9 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 2.260 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Tgt Ion:105 Resp: 126939

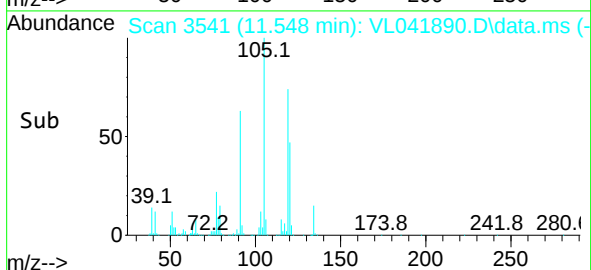
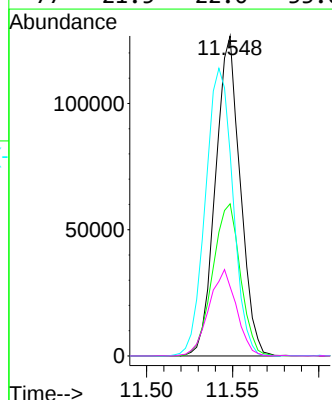
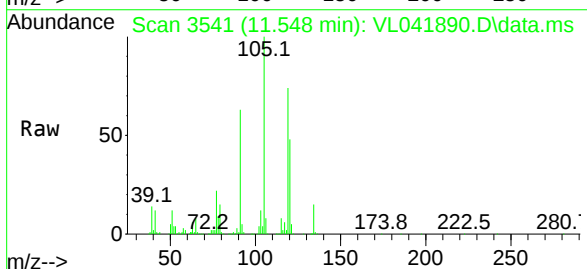
Ion Ratio Lower Upper

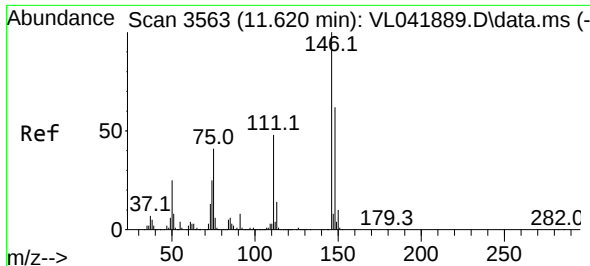
105 100

120 47.4 41.4 62.2

91 63.3 60.2 90.2

77 21.5 22.0 33.0#

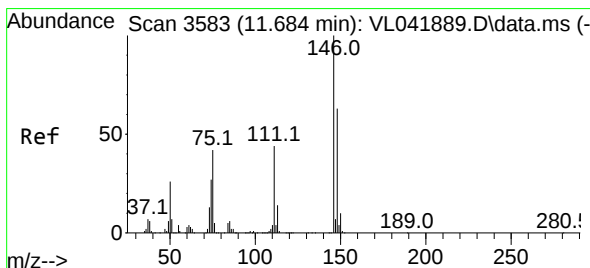
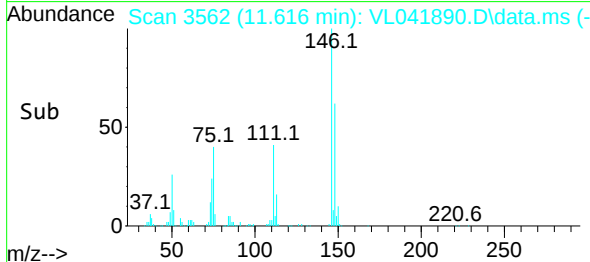
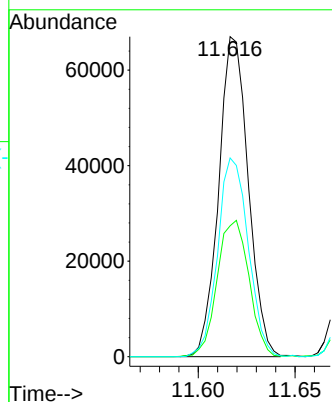
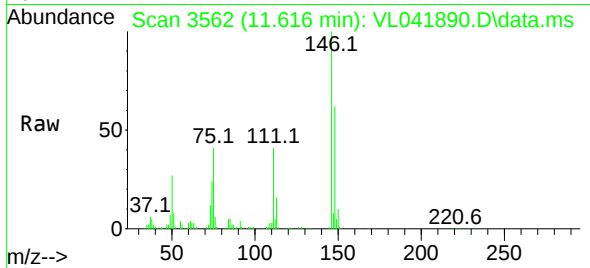




#75
1,3-Dichlorobenzene
Concen: 2.143 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

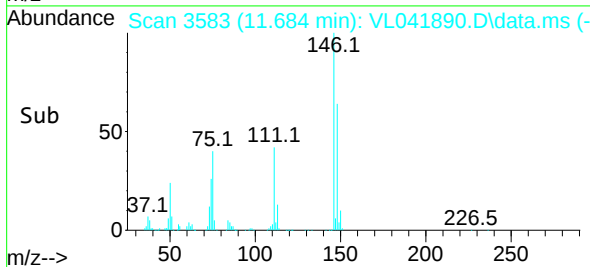
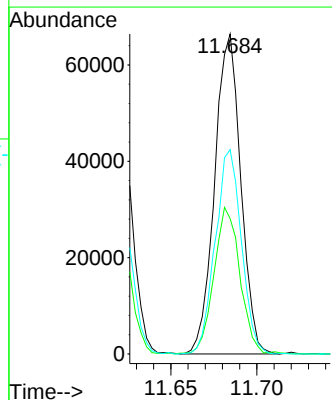
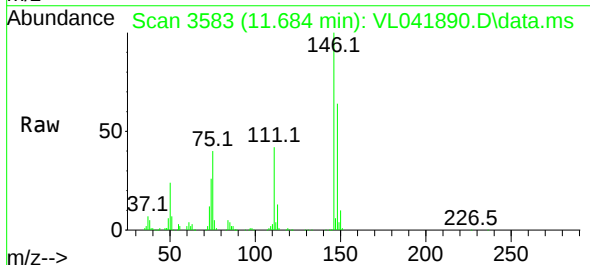
Instrument :
MSVOA_L
ClientSampleId :

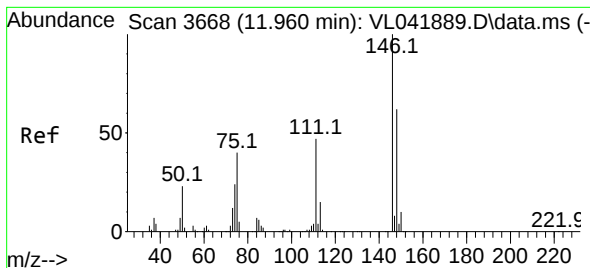
Tgt Ion:146 Resp: 71332
Ion Ratio Lower Upper
146 100
111 45.8 23.6 70.8
148 64.3 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 2.156 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

Tgt Ion:146 Resp: 70219
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 63.9 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 2.177 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. -0.000 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :

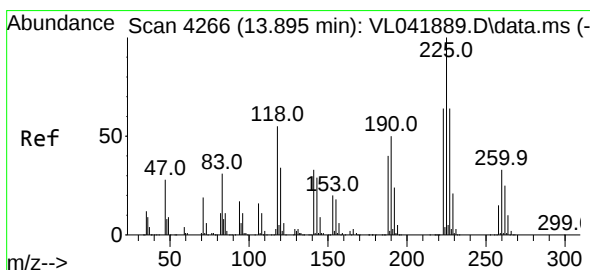
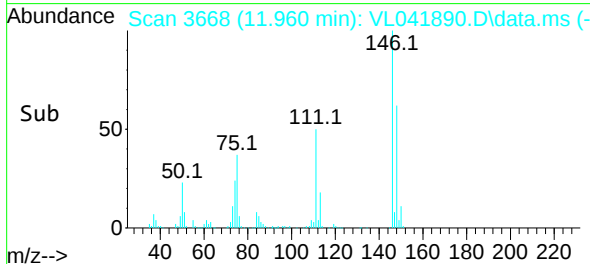
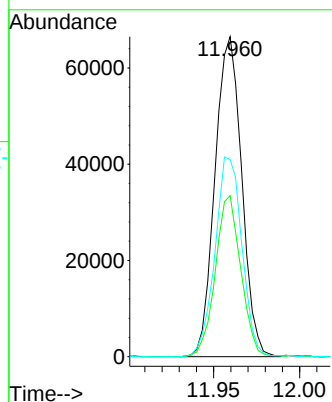
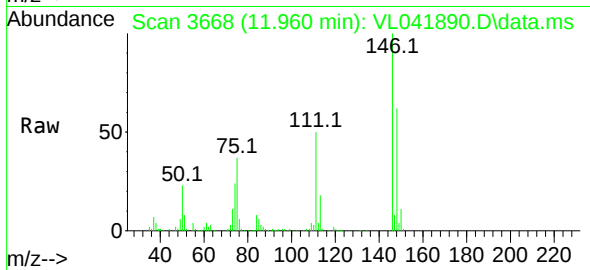
Tgt Ion:146 Resp: 71818

Ion Ratio Lower Upper

146 100

111 48.1 24.2 72.6

148 63.2 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 2.253 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. -0.003 min

Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

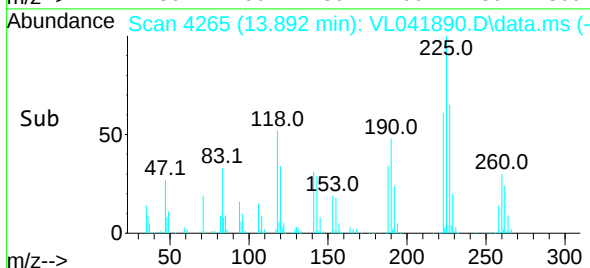
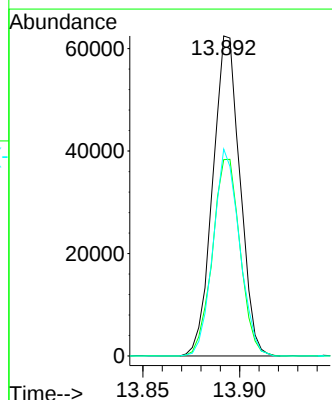
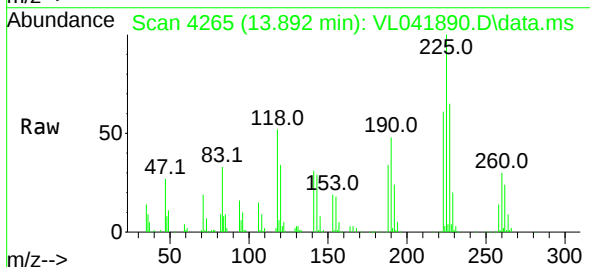
Tgt Ion:225 Resp: 60984

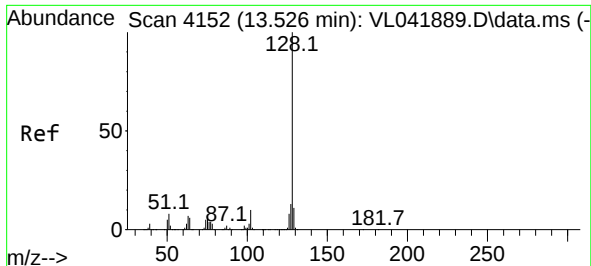
Ion Ratio Lower Upper

225 100

223 62.5 50.8 76.2

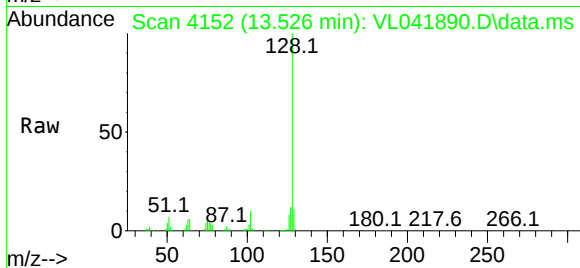
227 62.4 50.3 75.5



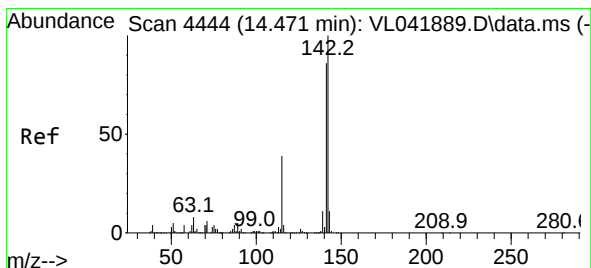
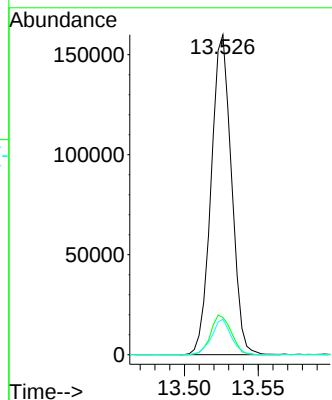
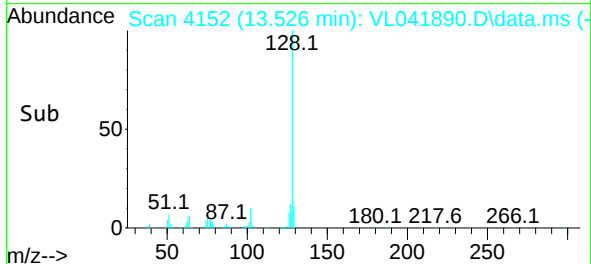


#79
Naphthalene
Concen: 2.710 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28

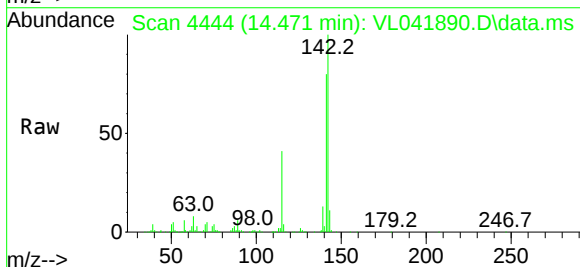
Instrument :
MSVOA_L
ClientSampleId :



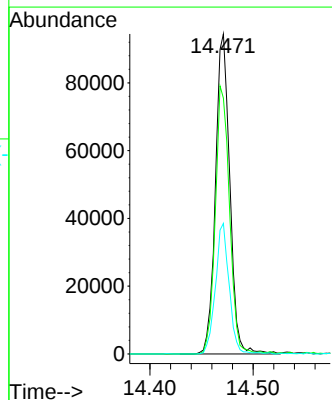
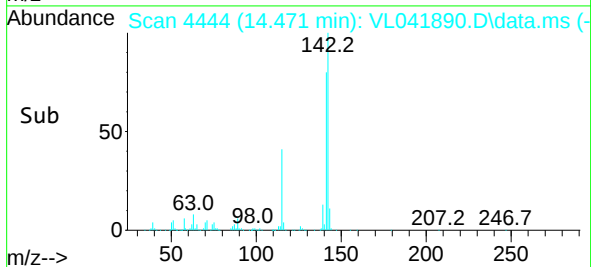
Tgt Ion:128 Resp: 153268
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.4
129 11.0 9.1 13.7

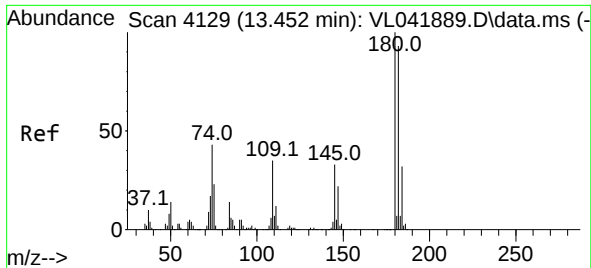


#80
Naphthalene,2-methyl-
Concen: 3.391 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL041890.D
Acq: 14 Jan 2025 13:28



Tgt Ion:142 Resp: 90910
Ion Ratio Lower Upper
142 100
141 83.7 68.1 102.1
115 39.2 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 2.342 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.000 min

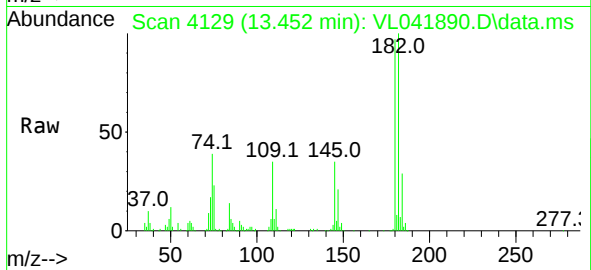
Lab File: VL041890.D

Acq: 14 Jan 2025 13:28

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 64653

Ion Ratio Lower Upper

180 100

182 99.1 77.0 115.6

184 31.4 24.9 37.3

