

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
 Acq On : 14 Jan 2025 19:36
 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 15 03:25:23 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 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	135934	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	402701	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	356460	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	285053	10.153	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	189097	10.213	ppbv	97
3) Chlorodifluoromethane	1.476	51	187019	9.642	ppbv	98
4) Chloromethane	1.534	50	70383	10.107	ppbv	96
5) Vinyl Chloride	1.583	62	70937	10.057	ppbv	98
6) Bromomethane	1.670	94	32969	9.808	ppbv	91
7) Chloroethane	1.706	64	29068	10.592	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	164306	10.154	ppbv	100
9) Propene	1.486	41	74593	9.335	ppbv	95
10) Heptane	4.988	43	210202	9.842	ppbv	99
11) Trichlorofluoromethane	1.881	101	200241	10.396	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	158273	10.485	ppbv	99
13) Ethanol	1.722	45	3872	6.616	ppbv	84
14) Bromoethene	1.784	108	54503	9.861	ppbv	97
15) Acetone	1.839	43	151307	9.267	ppbv	99
16) 1,3-Butadiene	1.612	39	73592	10.043	ppbv	98
17) tert-Butyl alcohol	2.042	59	192315	9.571	ppbv	98
18) 1,1-Dichloroethene	2.036	96	68563	10.077	ppbv	96
19) Isopropyl Alcohol	1.887	45	86592	8.945	ppbv	95
20) Methylene Chloride	2.065	84	58209	9.022	ppbv	94
21) Allyl Chloride	2.101	41	114685	10.144	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	78556	10.230	ppbv	99
23) Vinyl Acetate	2.466	43	70853	8.755	ppbv	97
24) 1,1-Dichloroethane	2.411	63	151977	10.233	ppbv	99
25) Ethyl Acetate	2.842	43	435382	9.889	ppbv	100
26) Hexane	2.832	57	173269	9.951	ppbv	97
27) Carbon Disulfide	2.152	76	184131	10.686	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	109401	8.220	ppbv	99
29) Chloroform	2.852	83	278081	10.103	ppbv	98
30) Cyclohexane	3.865	84	148603	9.839	ppbv	99
31) cis-1,2-Dichloroethene	2.725	61	178543	9.738	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	274943	10.439	ppbv	99
34) 2-Butanone	2.560	43	247866	9.679	ppbv	100
35) Carbon Tetrachloride	3.771	117	278138	10.996	ppbv	99
36) Benzene	3.664	78	362506	9.815	ppbv	99
37) 1,2-Dichloroethane	3.224	62	212786	10.258	ppbv	100
38) Trichloroethene	4.557	130	145473	9.925	ppbv	93
39) 1,2-Dichloropropane	4.321	63	124131	9.581	ppbv	96
40) 1,4-Dioxane	4.593	88	57312	8.759	ppbv #	98
41) Tetrahydrofuran	3.059	42	139374	10.014	ppbv	99
42) Bromodichloromethane	4.499	83	285998	10.283	ppbv	96
43) Methyl Methacrylate	4.891	69	136428	9.943	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	591684	9.904	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	132891	10.347	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
 Acq On : 14 Jan 2025 19:36
 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

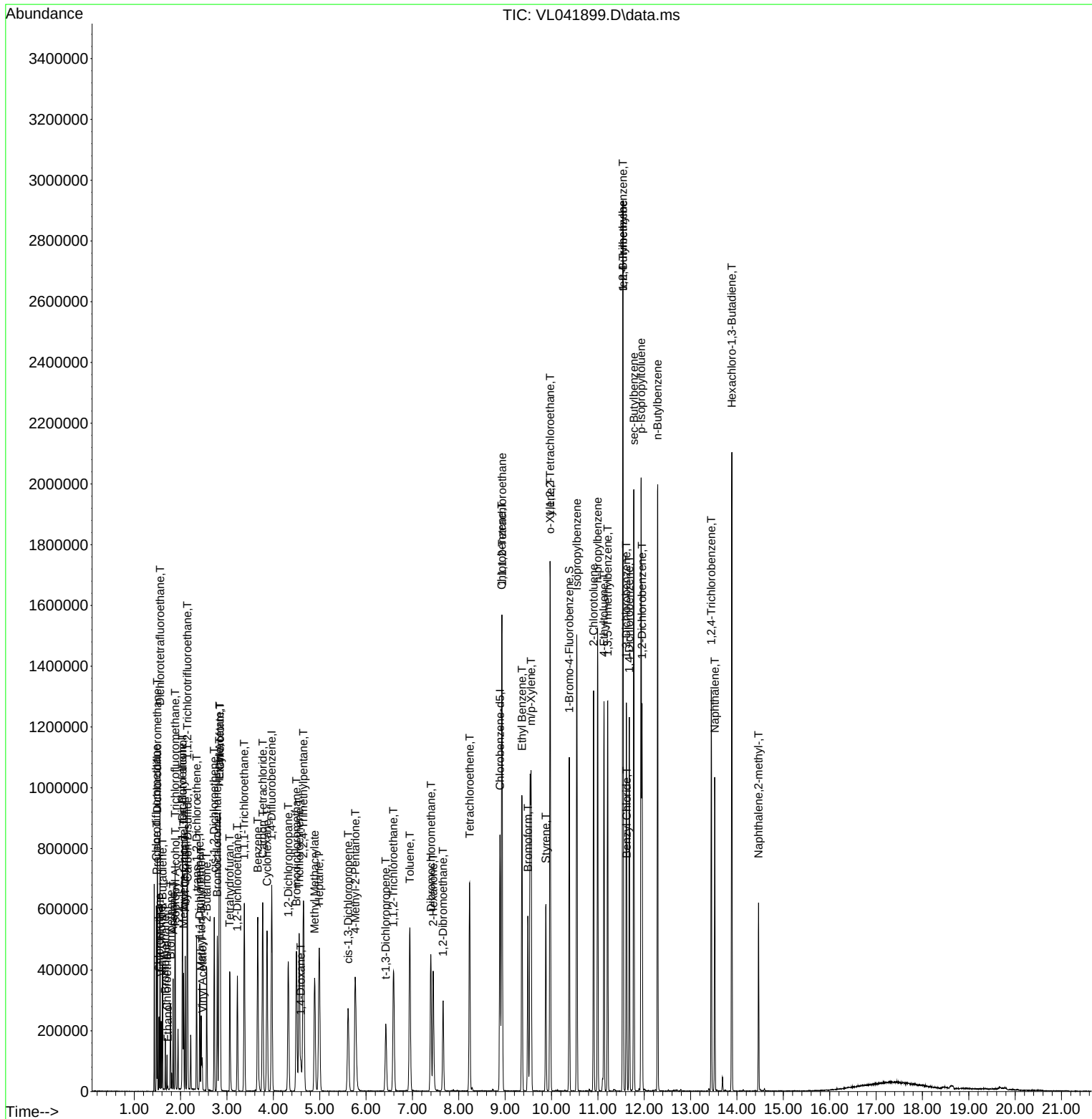
Instrument :
 MSVOA_L
 ClientSampleId :

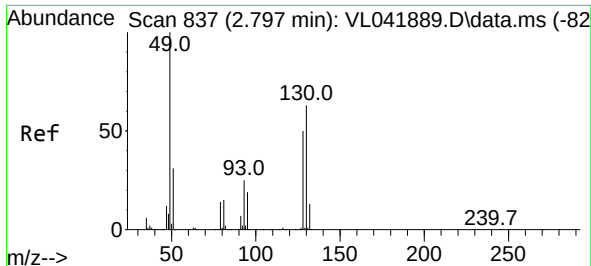
Quant Time: Jan 15 03:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	176246	10.452	ppbv	97
47) 1,1,2-Trichloroethane	6.590	97	138512	10.087	ppbv	96
48) Dibromochloromethane	7.399	129	226417	10.687	ppbv	100
49) Bromoform	9.490	173	190603	10.952	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	339900	9.722	ppbv	100
51) 2-Hexanone	7.448	43	270020	10.051	ppbv #	98
52) Tetrachloroethene	8.234	164	120344	9.397	ppbv	96
53) Toluene	6.946	91	407178	10.121	ppbv	100
54) 1,2-Dibromoethane	7.661	107	190401	10.086	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.933	131	179834	10.112	ppbv	99
57) Chlorobenzene	8.927	112	316779	9.634	ppbv	97
58) Ethyl Benzene	9.361	91	566411	10.167	ppbv	100
59) m/p-Xylene	9.558	91	440005	9.854	ppbv #	31
60) o-Xylene	9.972	91	462914	10.444	ppbv	99
61) Styrene	9.875	104	214400	10.784	ppbv	99
62) Isopropylbenzene	10.545	105	697392	10.169	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	281189	9.928	ppbv	100
64) n-propylbenzene	10.995	120	175356	10.119	ppbv	96
65) tert-Butylbenzene	11.539	119	634140	10.146	ppbv	99
66) Benzyl Chloride	11.623	91	37139	9.600	ppbv	98
67) sec-Butylbenzene	11.775	105	879679	10.222	ppbv	100
69) p-Isopropyltoluene	11.934	119	734754	10.368	ppbv	100
70) n-Butylbenzene	12.290	91	714677	10.169	ppbv	100
71) 2-Chlorotoluene	10.908	91	520731	10.264	ppbv	100
72) 4-Ethyltoluene	11.131	105	550386	10.382	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	478593	10.223	ppbv	97
74) 1,2,4-Trimethylbenzene	11.542	105	514624	10.150	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	293053	9.754	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	293347	9.980	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	294078	9.876	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	217475	8.898	ppbv	99
79) Naphthalene	13.520	128	468570	9.179	ppbv	100
80) Naphthalene,2-methyl-	14.465	142	163059	6.737	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	220953	8.867	ppbv	97

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

Quant Time: Jan 15 03:25:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

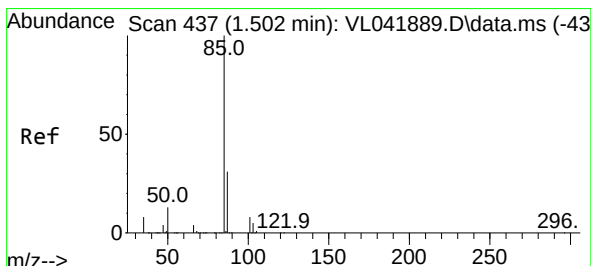
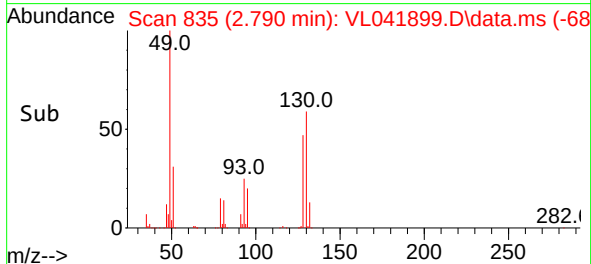
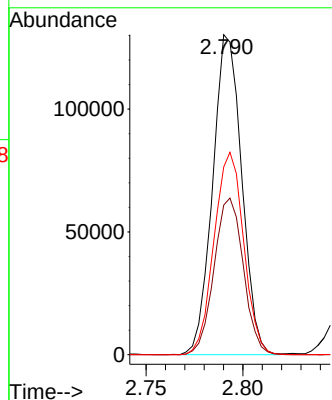
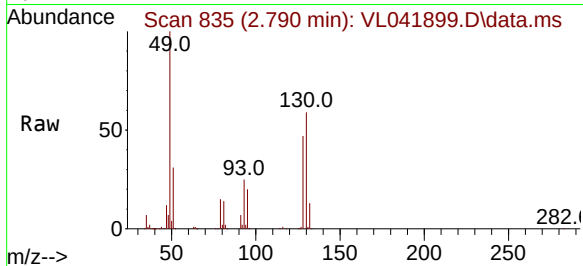




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

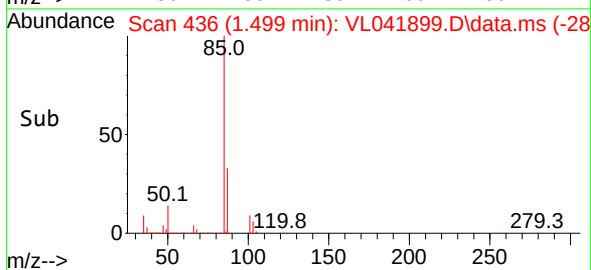
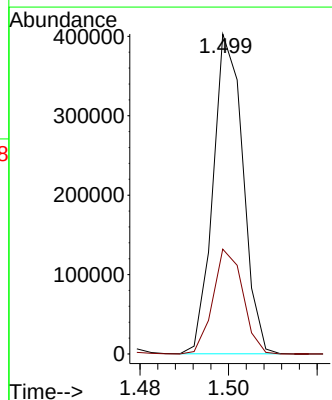
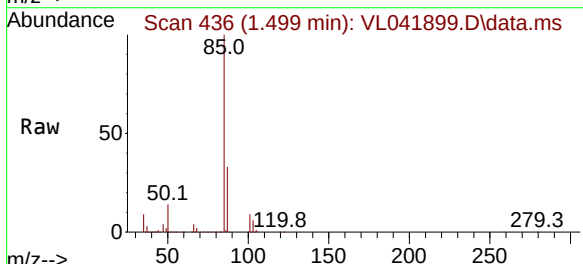
Instrument :
 MSVOA_L
 ClientSampleId :

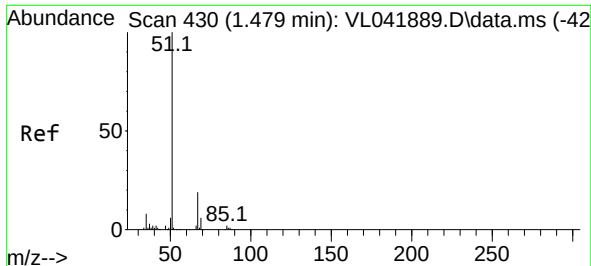
Tgt Ion: 49 Resp: 135934
 Ion Ratio Lower Upper
 49 100
 128 49.3 24.3 73.0
 130 64.5 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 10.213 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 85 Resp: 189097
 Ion Ratio Lower Upper
 85 100
 87 32.8 24.9 37.3

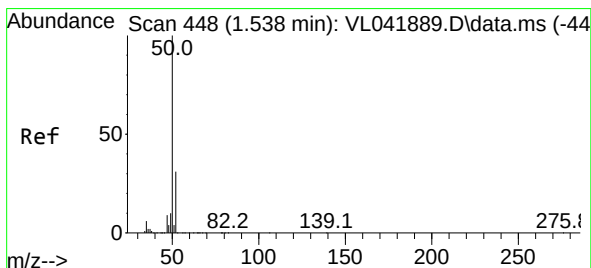
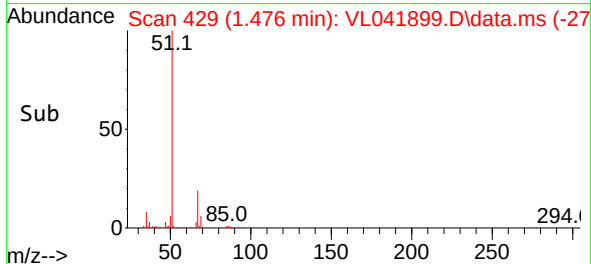
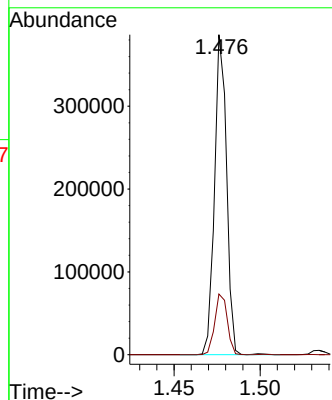
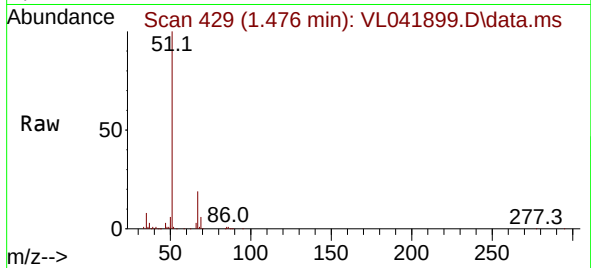




#3
Chlorodifluoromethane
Concen: 9.642 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

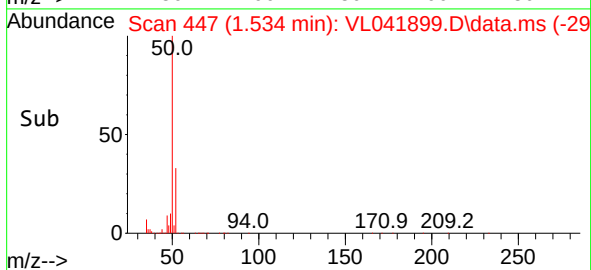
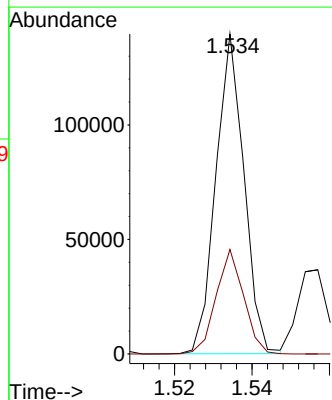
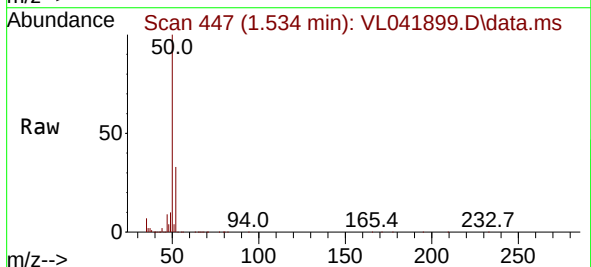
Instrument :
MSVOA_L
ClientSampleId :

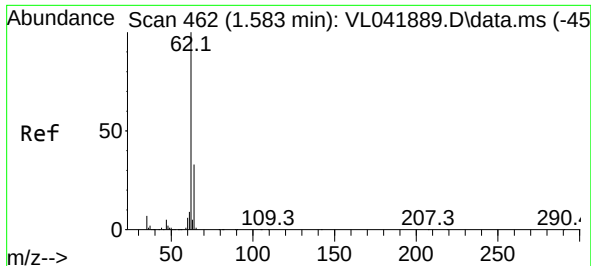
Tgt Ion: 51 Resp: 187019
Ion Ratio Lower Upper
51 100
67 19.8 15.0 22.4



#4
Chloromethane
Concen: 10.107 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 50 Resp: 70383
Ion Ratio Lower Upper
50 100
52 32.6 24.6 36.8

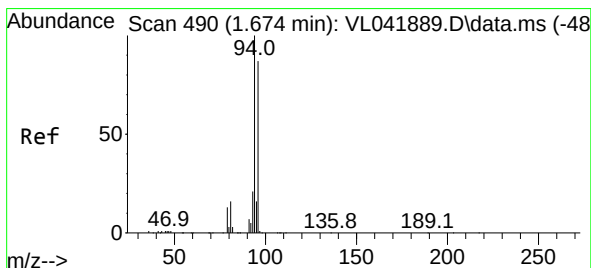
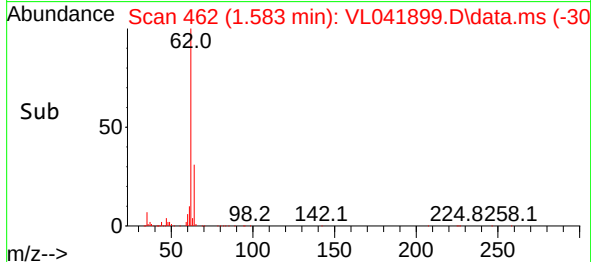
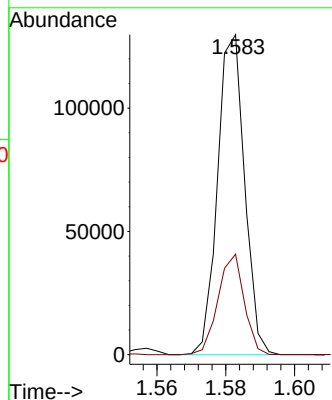
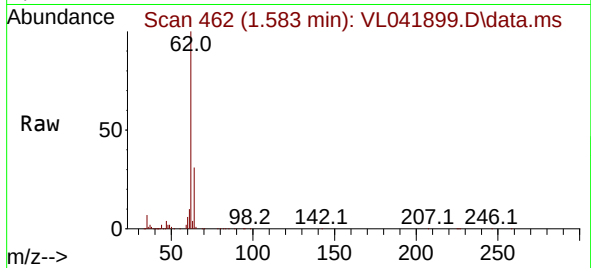




#5
 Vinyl Chloride
 Concen: 10.057 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

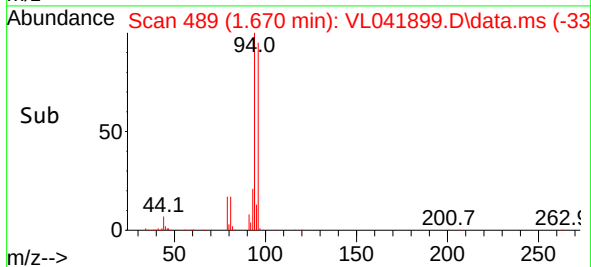
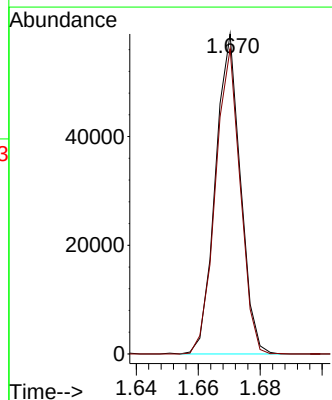
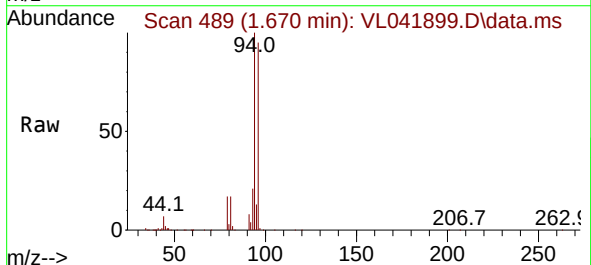
Instrument :
 MSVOA_L
 ClientSampleId :

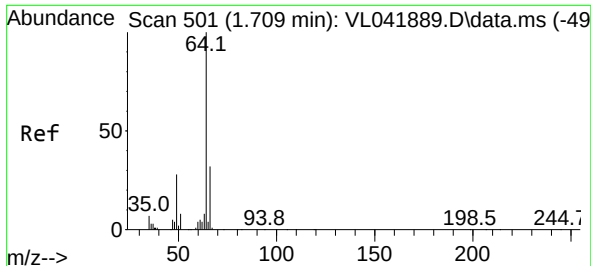
Tgt Ion: 62 Resp: 70937
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.1 39.1



#6
 Bromomethane
 Concen: 9.808 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 94 Resp: 32969
 Ion Ratio Lower Upper
 94 100
 96 95.4 69.5 104.3

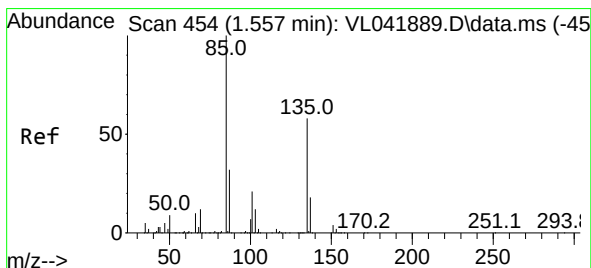
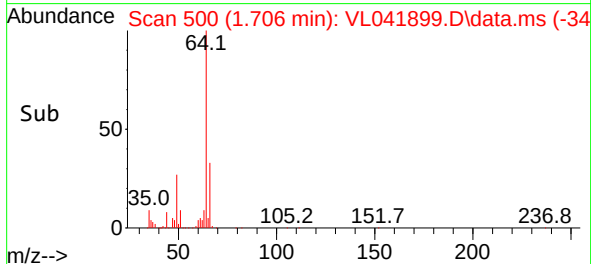
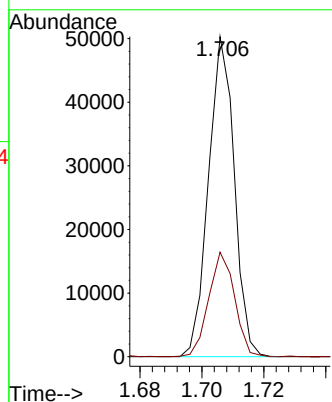
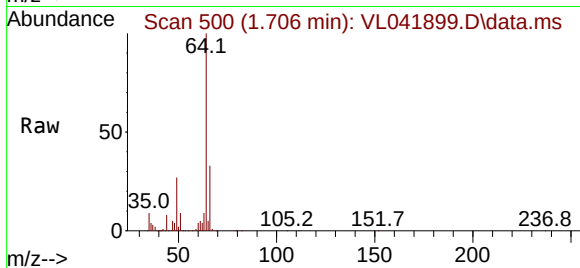




#7
Chloroethane
Concen: 10.592 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

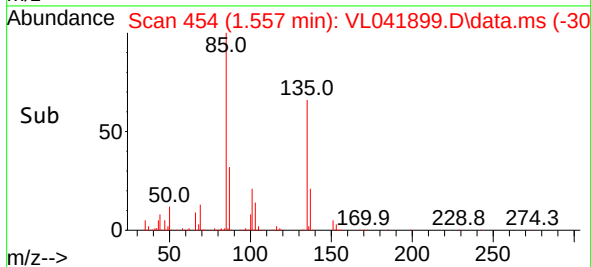
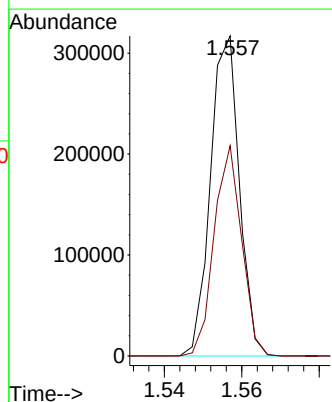
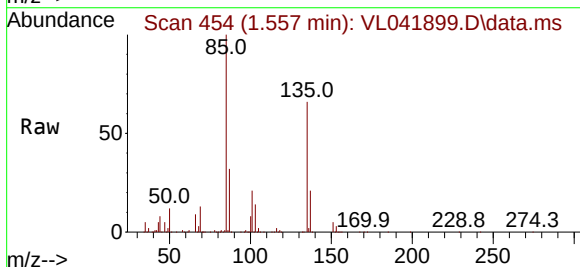
Instrument :
MSVOA_L
ClientSampleId :

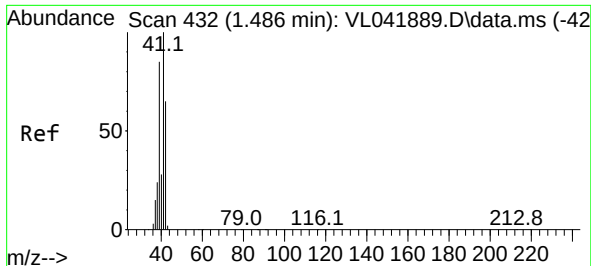
Tgt Ion: 64 Resp: 29068
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 10.154 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 85 Resp: 164306
Ion Ratio Lower Upper
85 100
135 62.6 50.0 75.0





#9

Propene

Concen: 9.335 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

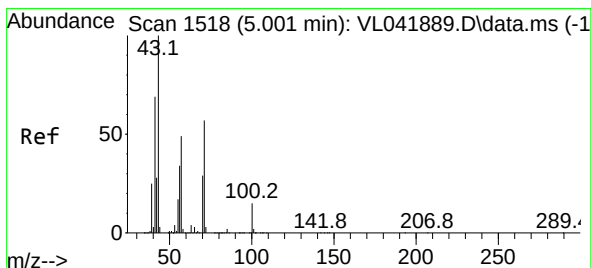
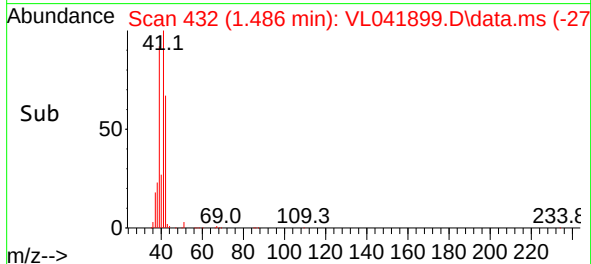
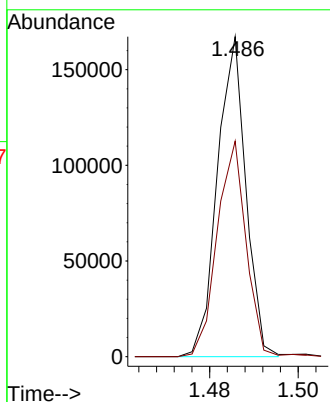
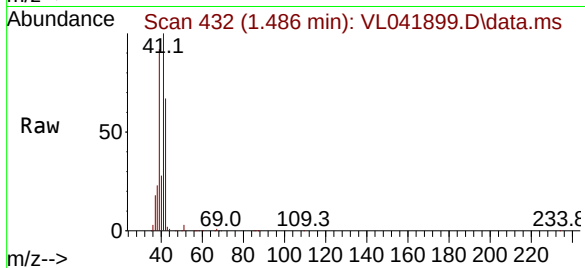
ClientSampleId :

Tgt Ion: 41 Resp: 74593

Ion Ratio Lower Upper

41 100

42 69.1 52.0 78.0



#10

Heptane

Concen: 9.842 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. -0.013 min

Lab File: VL041889.D

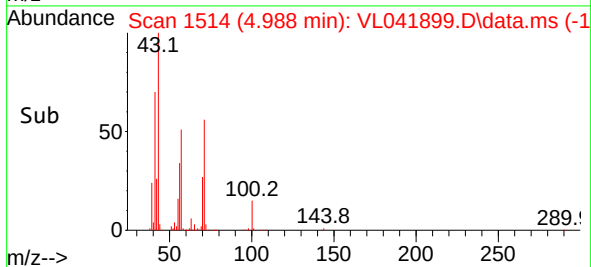
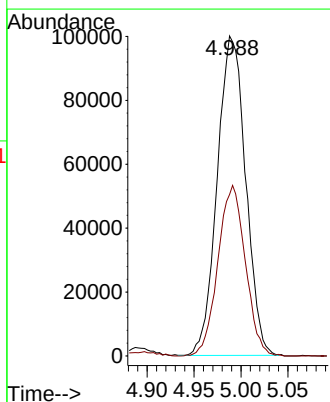
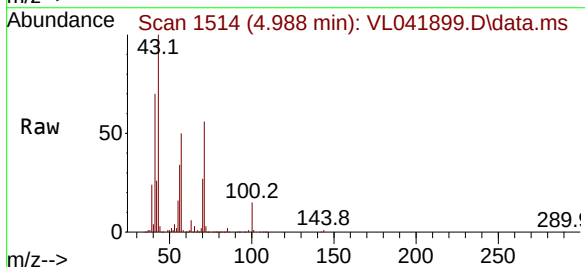
Acq: 14 Jan 2025 19:36

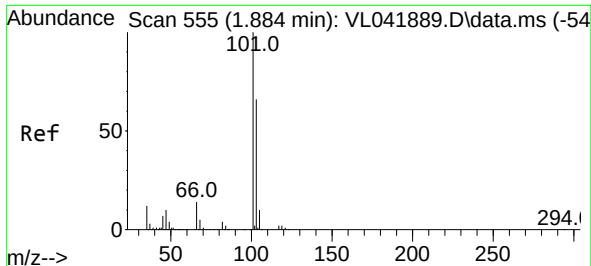
Tgt Ion: 43 Resp: 210202

Ion Ratio Lower Upper

43 100

57 51.6 41.0 61.4

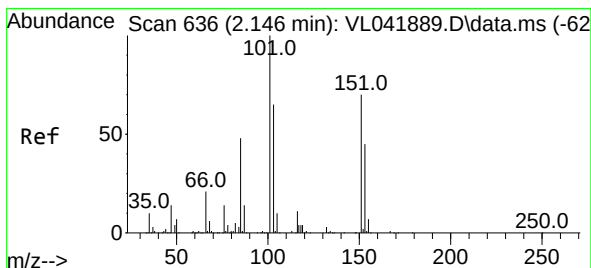
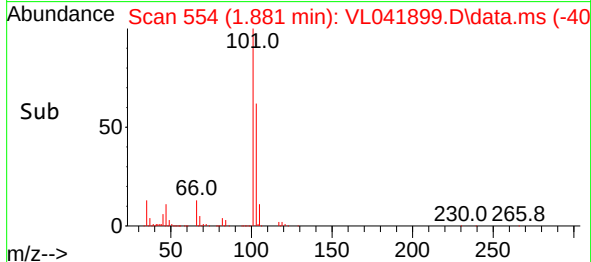
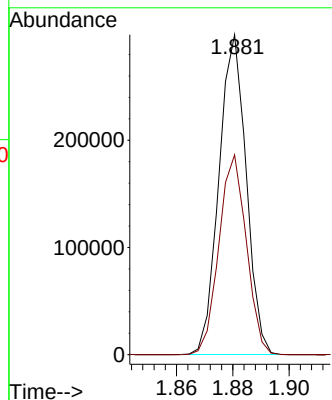
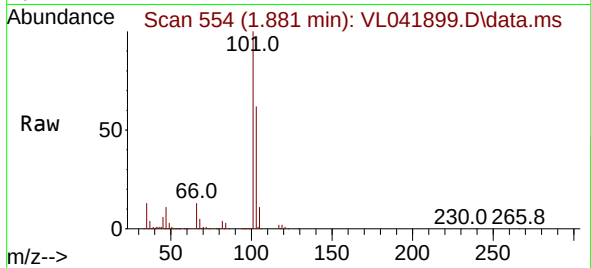




#11
 Trichlorofluoromethane
 Concen: 10.396 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

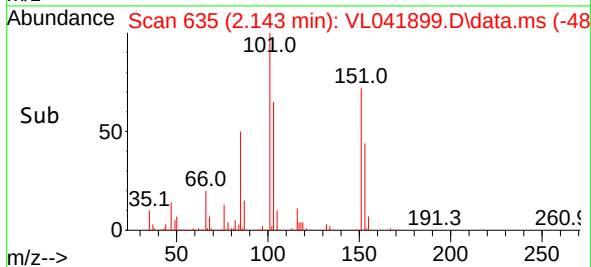
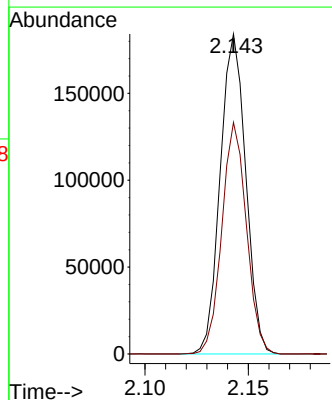
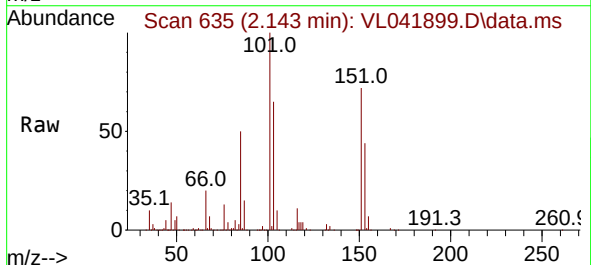
Instrument :
 MSVOA_L
 ClientSampleId :

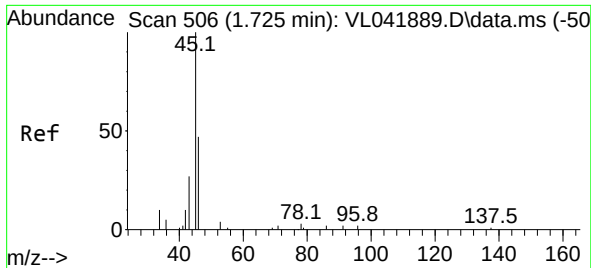
Tgt Ion:101 Resp: 200241
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.485 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion:101 Resp: 158273
 Ion Ratio Lower Upper
 101 100
 151 69.6 56.1 84.1

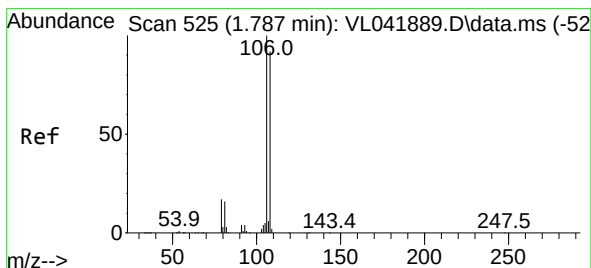
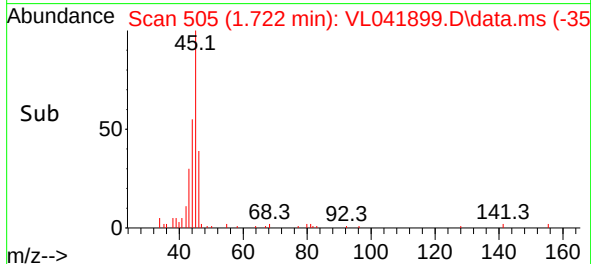
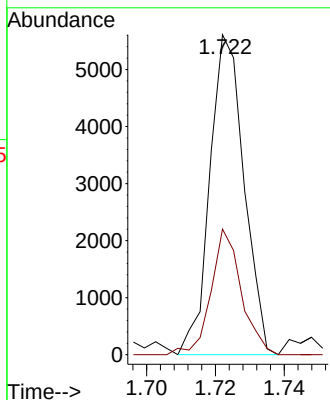
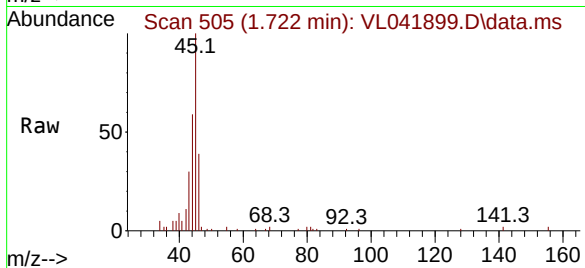




#13
Ethanol
Concen: 6.616 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

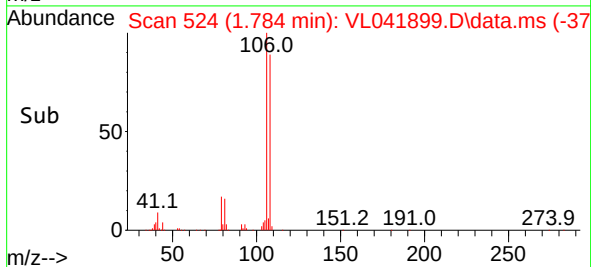
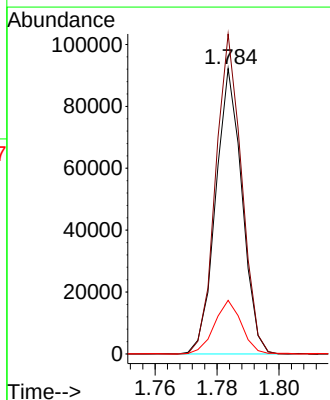
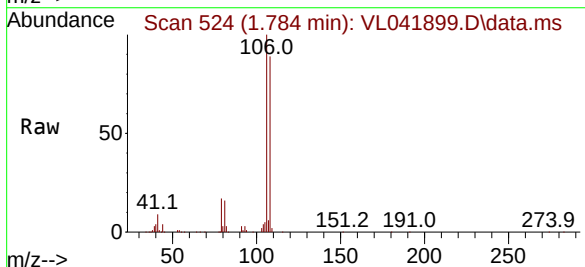
Instrument :
MSVOA_L
ClientSampleId :

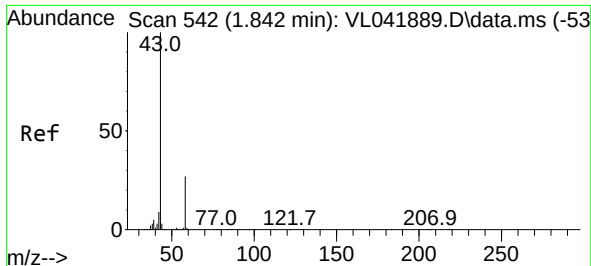
Tgt Ion: 45 Resp: 3872
Ion Ratio Lower Upper
45 100
46 34.8 18.1 72.5



#14
Bromoethene
Concen: 9.861 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 108 Resp: 54503
Ion Ratio Lower Upper
108 100
106 110.3 85.5 128.3
79 20.4 15.3 22.9

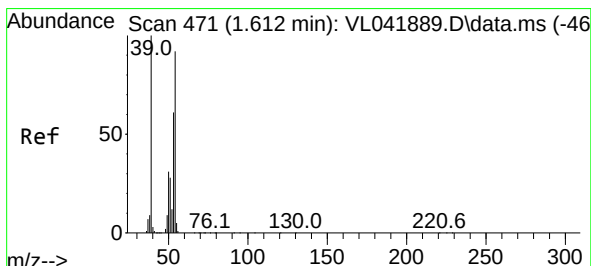
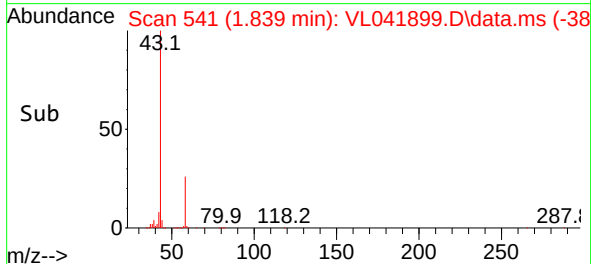
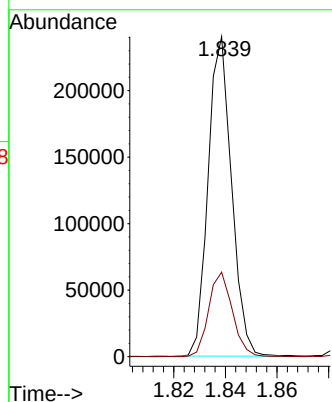
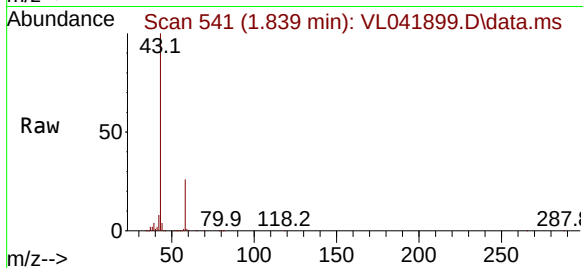




#15
Acetone
Concen: 9.267 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

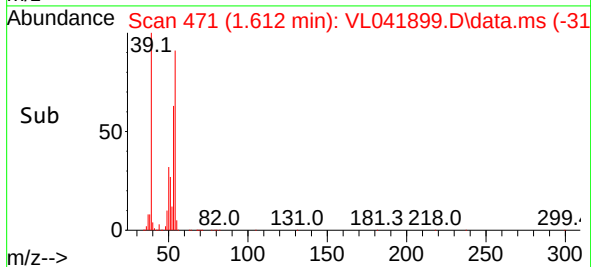
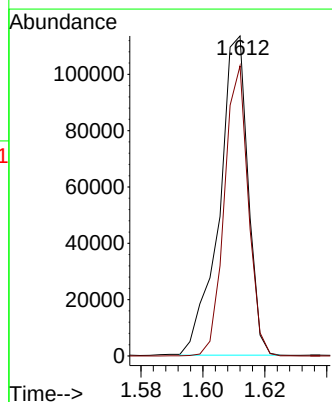
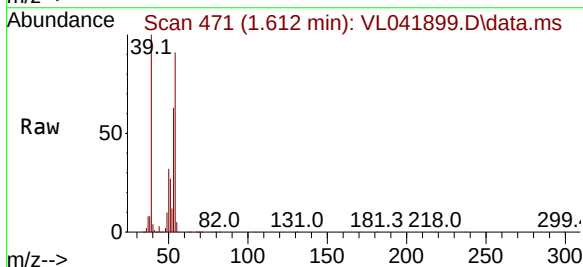
Instrument :
MSVOA_L
ClientSampleId :

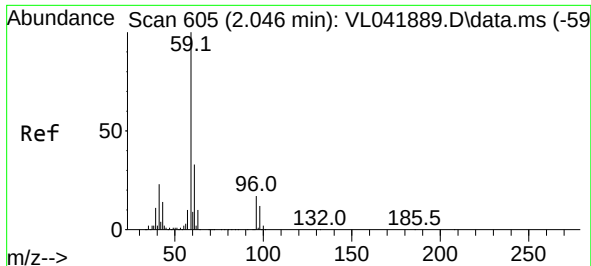
Tgt Ion: 43 Resp: 151307
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



#16
1,3-Butadiene
Concen: 10.043 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 39 Resp: 73592
Ion Ratio Lower Upper
39 100
54 75.1 61.6 92.4





#17

tert-Butyl alcohol

Concen: 9.571 ppbv

RT: 2.042 min Scan# 605

Delta R.T. -0.003 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

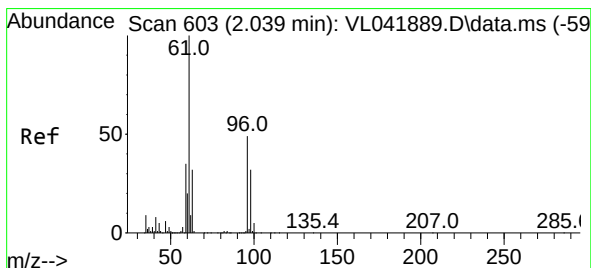
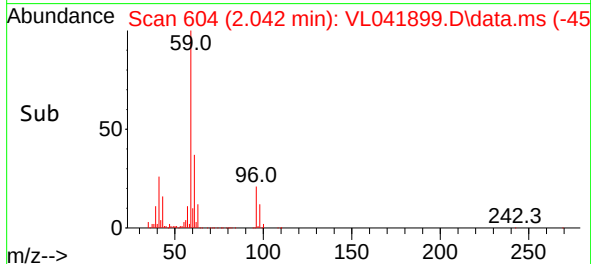
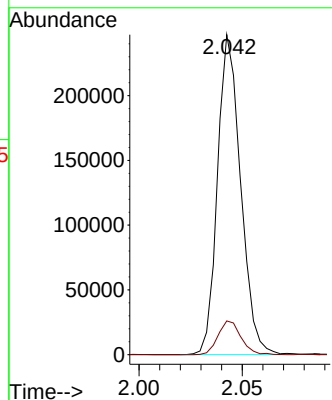
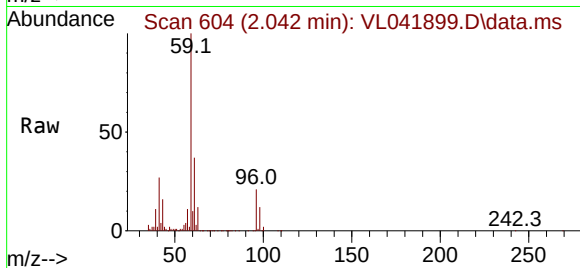
ClientSampleId :

Tgt Ion: 59 Resp: 192315

Ion Ratio Lower Upper

59 100

57 10.5 7.8 11.8



#18

1,1-Dichloroethene

Concen: 10.077 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

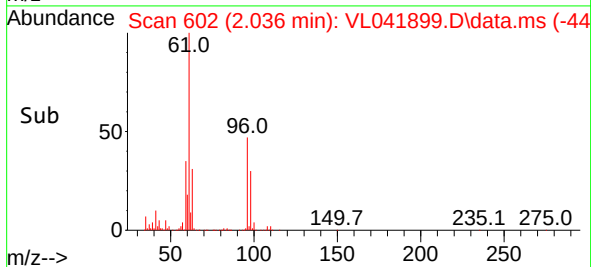
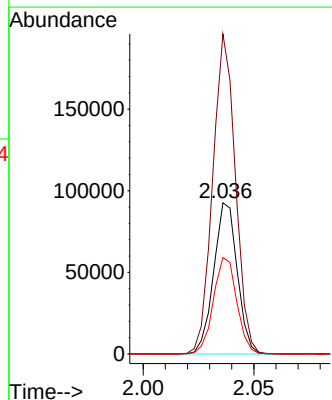
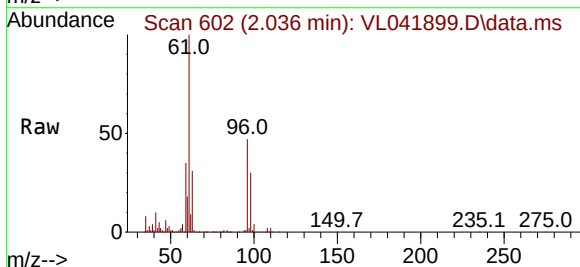
Tgt Ion: 96 Resp: 68563

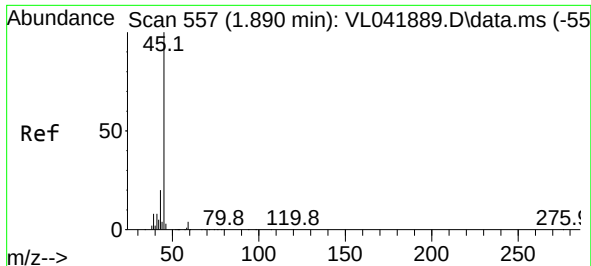
Ion Ratio Lower Upper

96 100

61 211.6 163.1 244.7

98 63.8 52.7 79.1

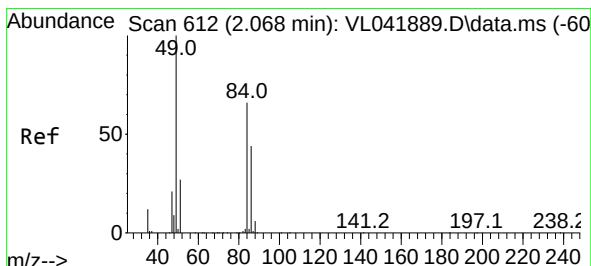
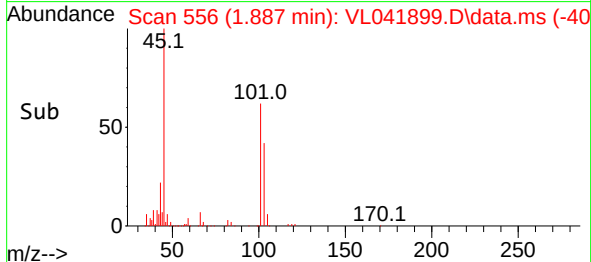
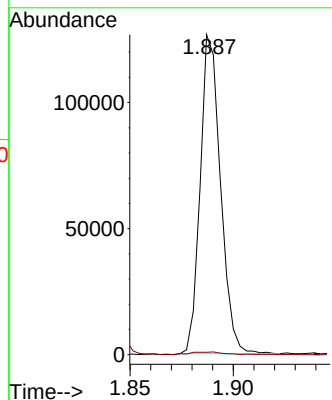
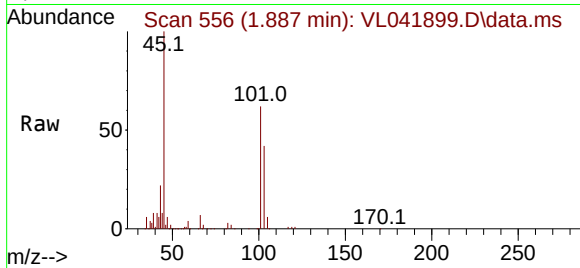




#19
Isopropyl Alcohol
Concen: 8.945 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

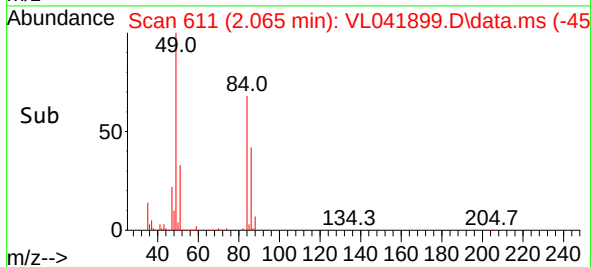
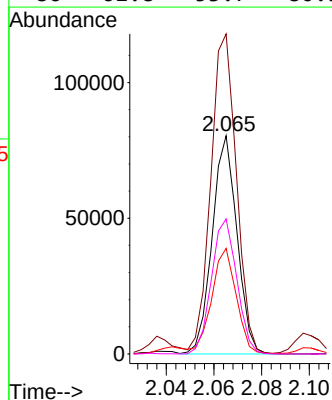
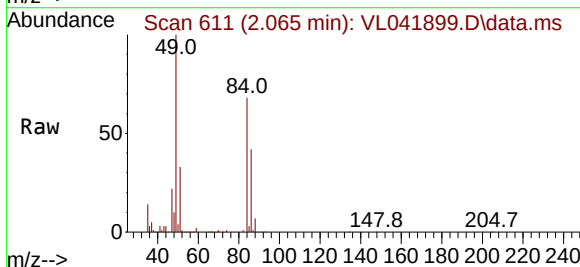
Instrument :
MSVOA_L
ClientSampleId :

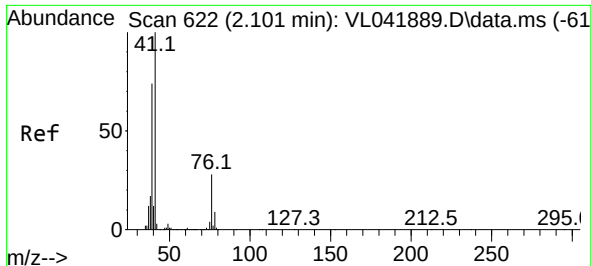
Tgt Ion: 45 Resp: 86592
Ion Ratio Lower Upper
45 100
58 47.0 35.0 52.6



#20
Methylene Chloride
Concen: 9.022 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 84 Resp: 58209
Ion Ratio Lower Upper
84 100
49 145.9 123.1 184.7
51 48.1 35.8 53.8
86 61.8 53.7 80.5

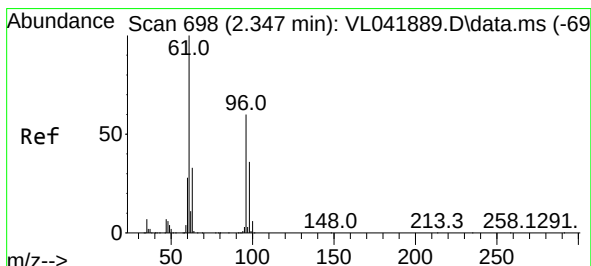
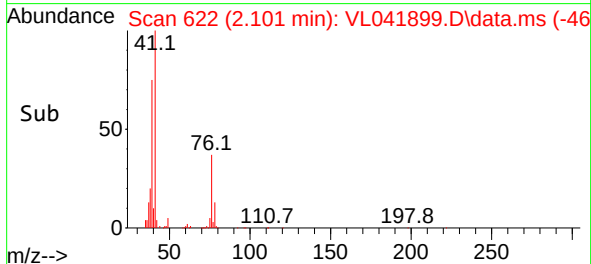
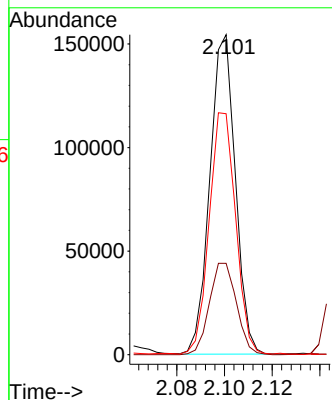
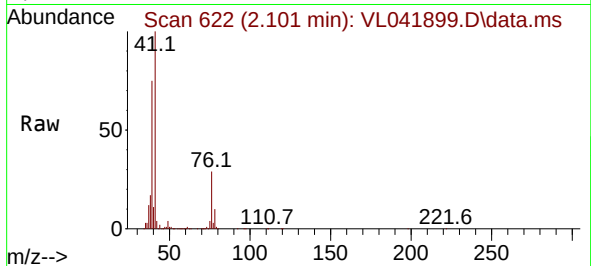




#21
 Allyl Chloride
 Concen: 10.144 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

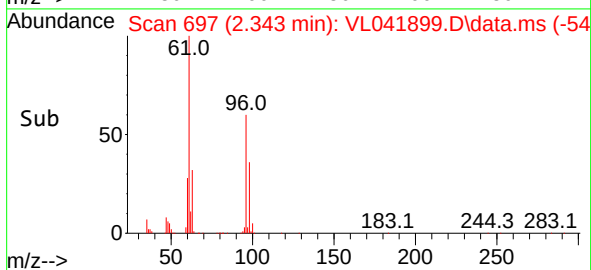
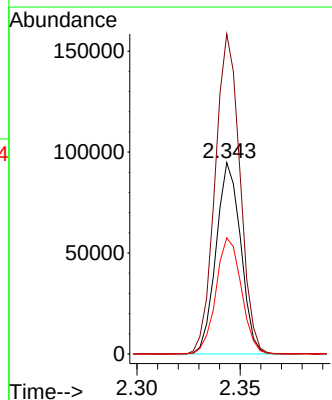
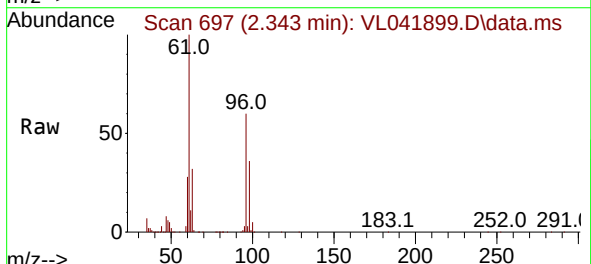
Instrument :
 MSVOA_L
 ClientSampleId :

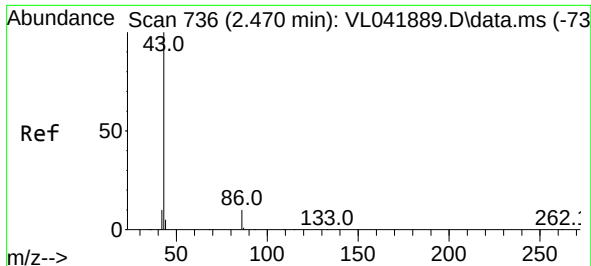
Tgt Ion: 41 Resp: 114685
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.2 36.4
 39 78.6 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.230 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

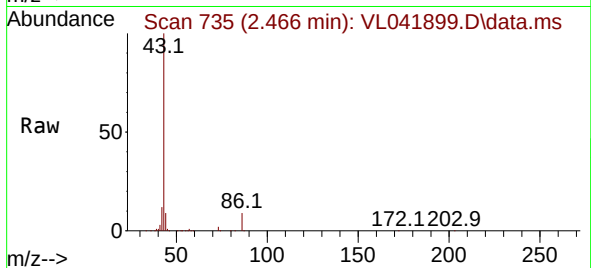
Tgt Ion: 96 Resp: 78556
 Ion Ratio Lower Upper
 96 100
 61 167.2 134.5 201.7
 98 60.7 48.9 73.3



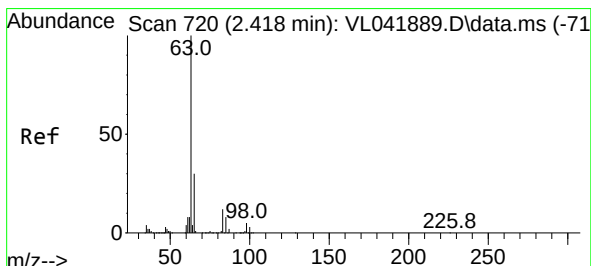
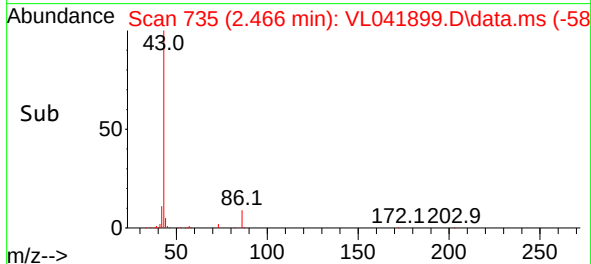
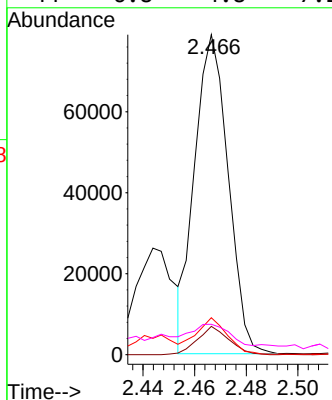


#23
 Vinyl Acetate
 Concen: 8.755 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :
 MSVOA_L
 ClientSampleId :

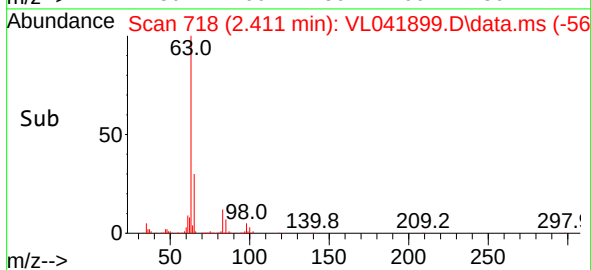
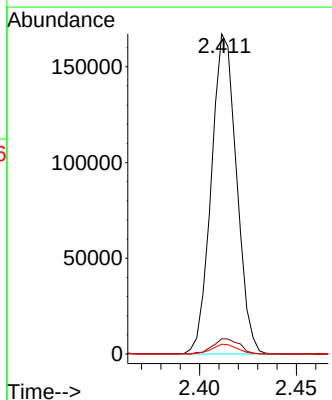
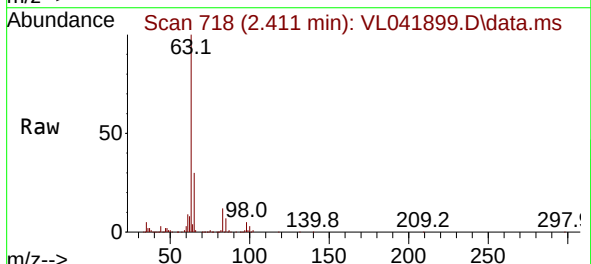


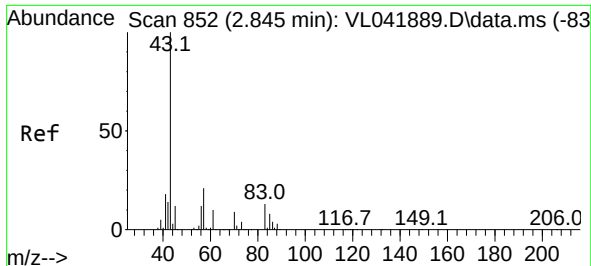
Tgt Ion: 43	Resp: 70853
Ion Ratio	Lower Upper
43 100	
86 8.9	6.2 9.4
42 11.4	8.5 12.7
44 6.8	4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 10.233 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 63	Resp: 151977
Ion Ratio	Lower Upper
63 100	
98 4.7	2.6 7.8
100 3.1	1.4 4.2



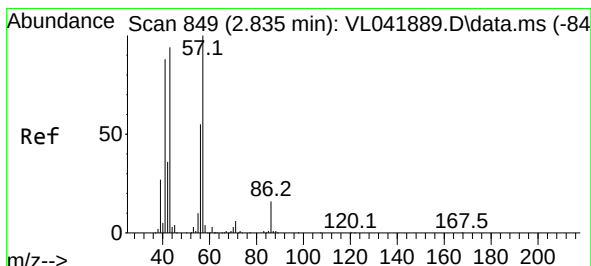
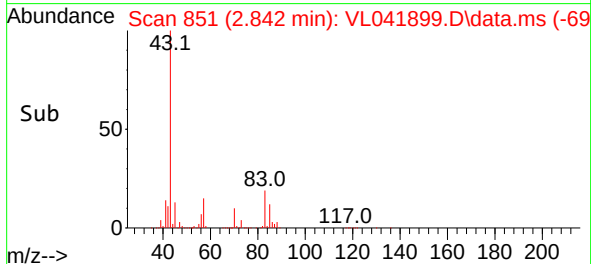
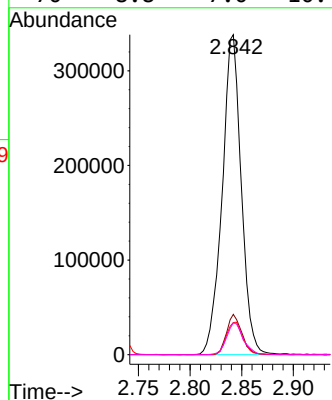
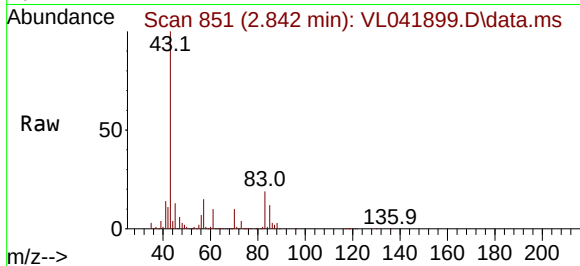


#25
Ethyl Acetate
Concen: 9.889 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 435382

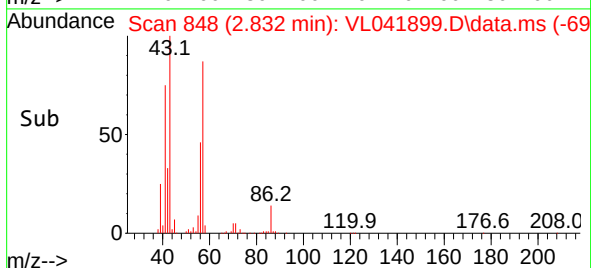
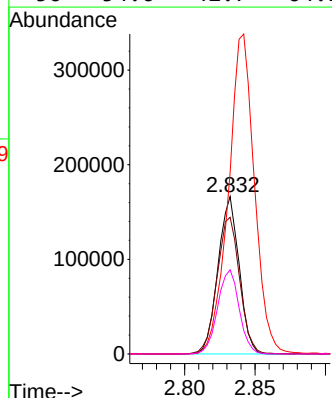
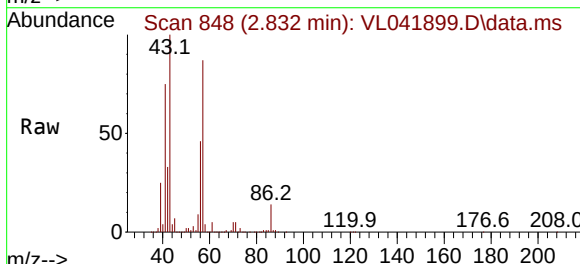
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	8.8	7.4	11.0
70	8.8	7.0	10.4

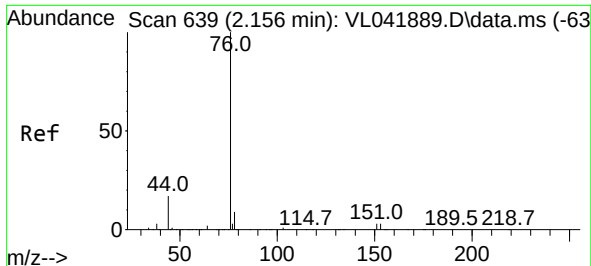


#26
Hexane
Concen: 9.951 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 57 Resp: 173269

Ion	Ratio	Lower	Upper
57	100		
41	93.6	73.8	110.8
43	252.2	197.3	295.9
56	54.6	42.7	64.1

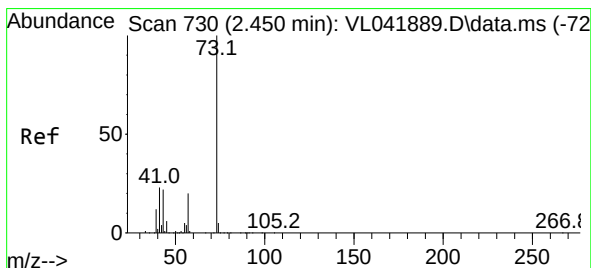
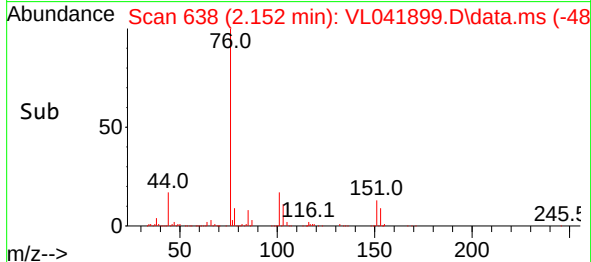
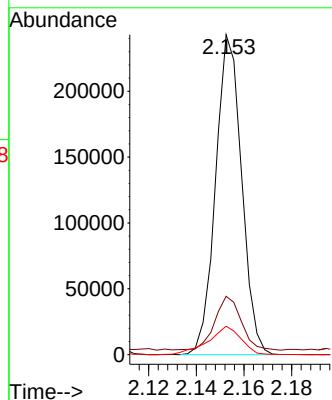
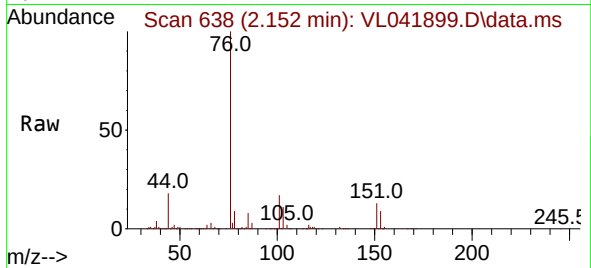




#27
Carbon Disulfide
Concen: 10.686 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

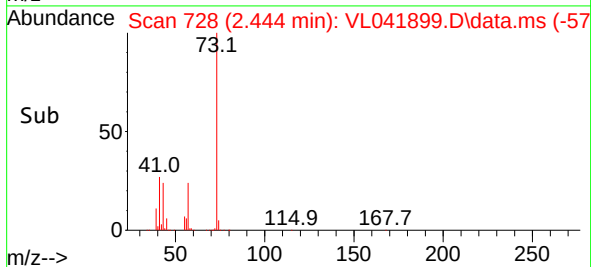
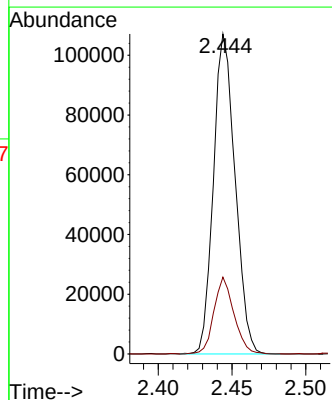
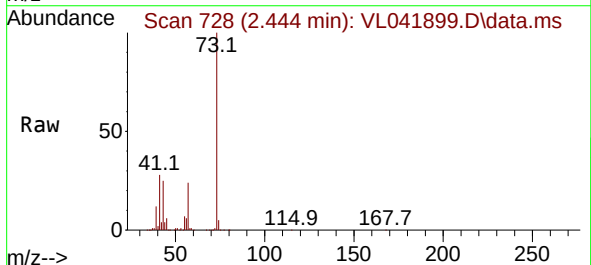
Instrument :
MSVOA_L
ClientSampleId :

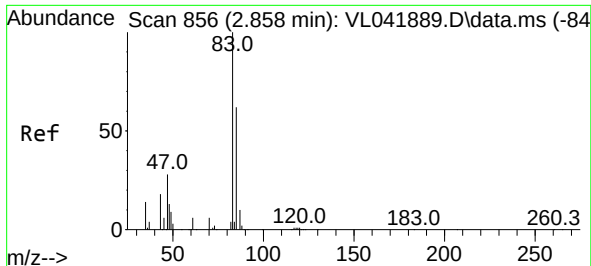
Tgt Ion: 76 Resp: 184131
Ion Ratio Lower Upper
76 100
44 17.0 15.4 23.0
78 11.2 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.220 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 73 Resp: 109401
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1





#29

Chloroform

Concen: 10.103 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

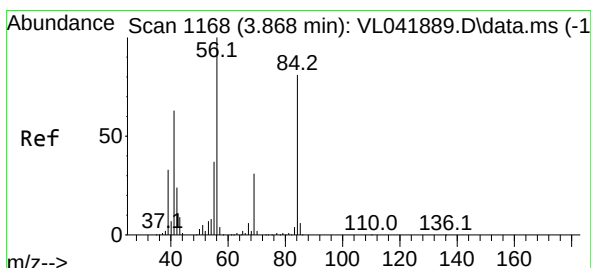
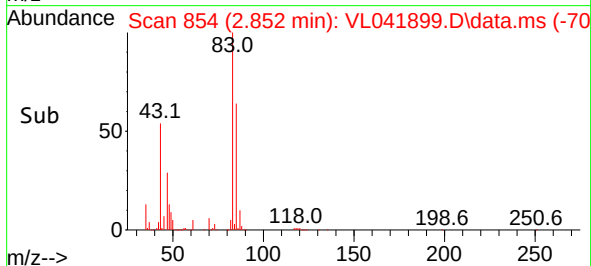
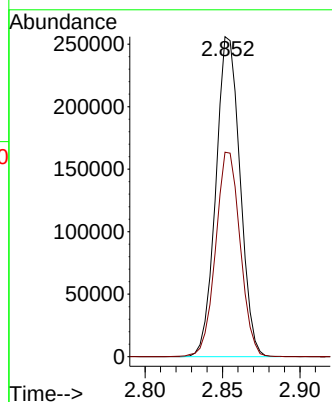
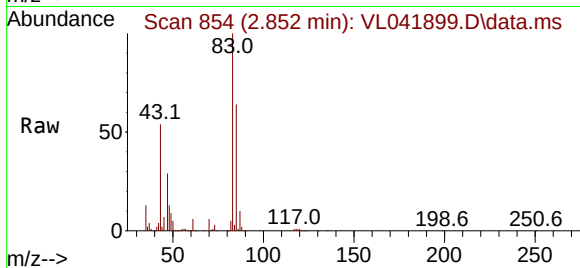
ClientSampleId :

Tgt Ion: 83 Resp: 278081

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1



#30

Cyclohexane

Concen: 9.839 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

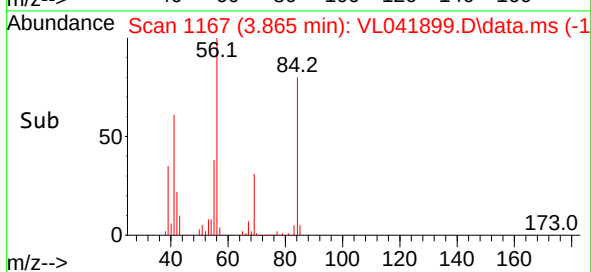
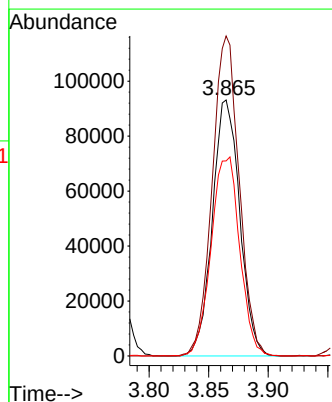
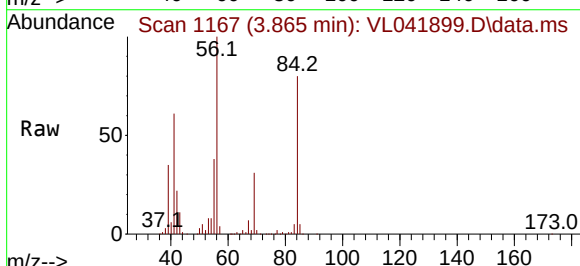
Tgt Ion: 84 Resp: 148603

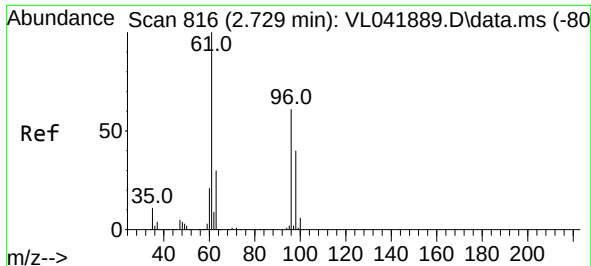
Ion Ratio Lower Upper

84 100

56 123.2 99.3 148.9

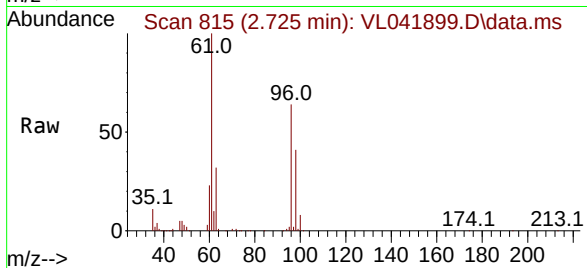
41 81.4 64.3 96.5



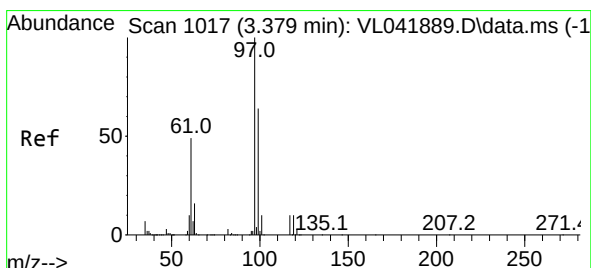
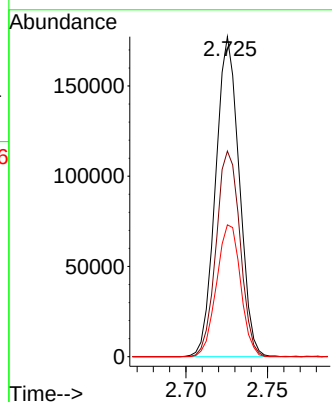
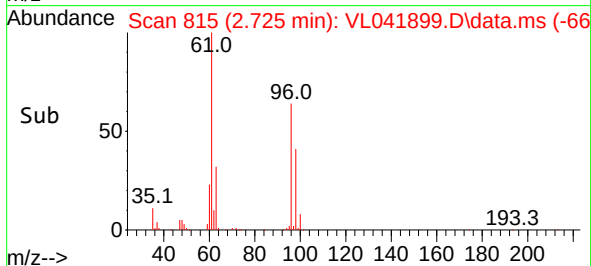


#31
 cis-1,2-Dichloroethene
 Concen: 9.738 ppbv
 RT: 2.725 min Scan# 816
 Delta R.T. -0.003 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 19:36

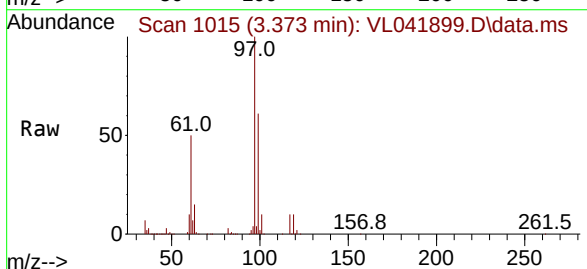
Instrument :
 MSVOA_L
 ClientSampleId :



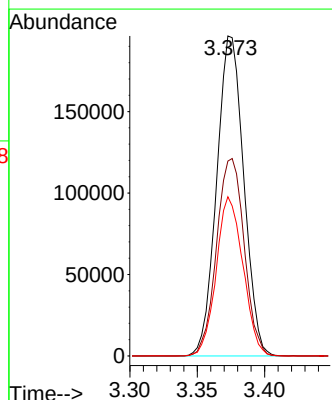
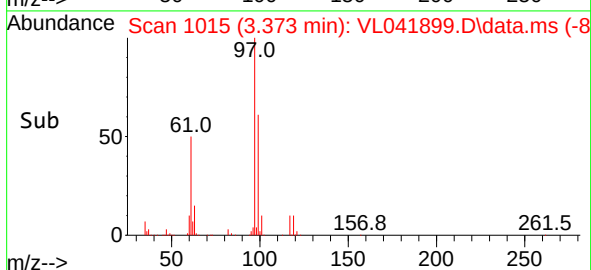
Tgt Ion: 61 Resp: 178543
 Ion Ratio Lower Upper
 61 100
 96 64.2 48.7 73.1
 98 41.2 31.6 47.4

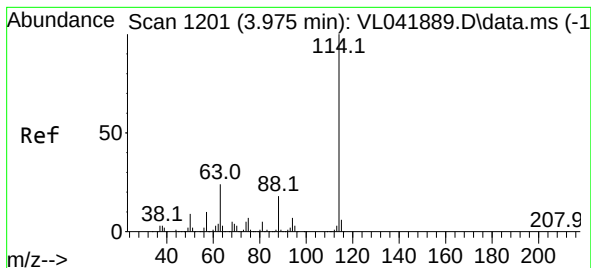


#32
 1,1,1-Trichloroethane
 Concen: 10.439 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



Tgt Ion: 97 Resp: 274943
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.1 76.7
 61 49.1 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

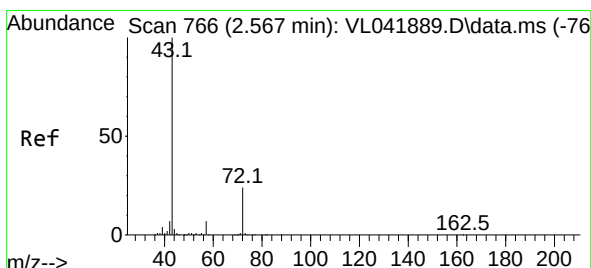
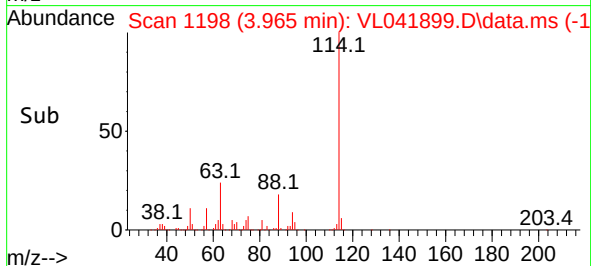
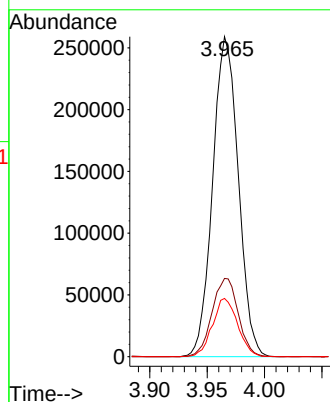
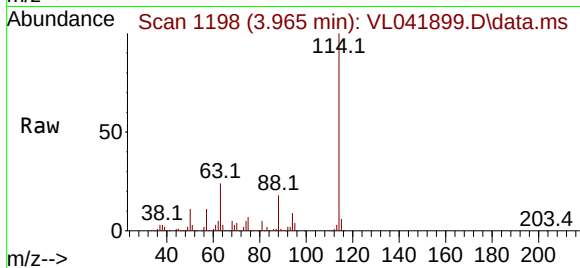
Tgt Ion:114 Resp: 402701

Ion Ratio Lower Upper

114 100

63 25.0 19.8 29.6

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 9.679 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.007 min

Lab File: VL041889.D

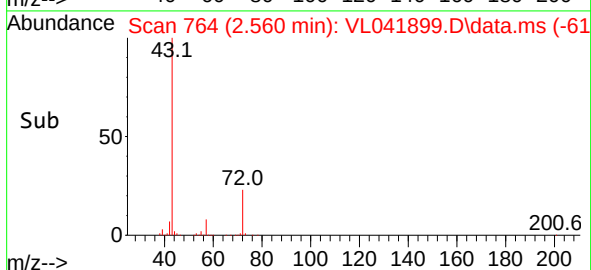
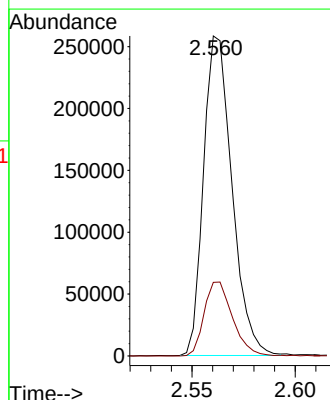
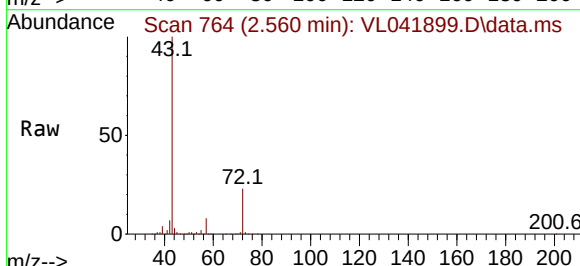
Acq: 14 Jan 2025 19:36

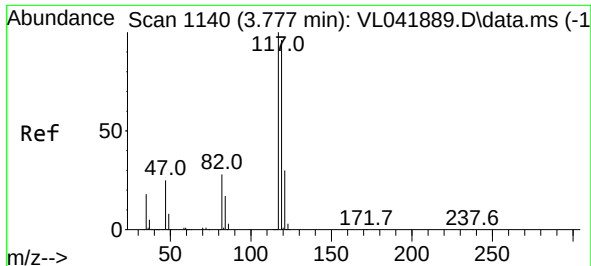
Tgt Ion: 43 Resp: 247866

Ion Ratio Lower Upper

43 100

72 23.2 18.6 28.0

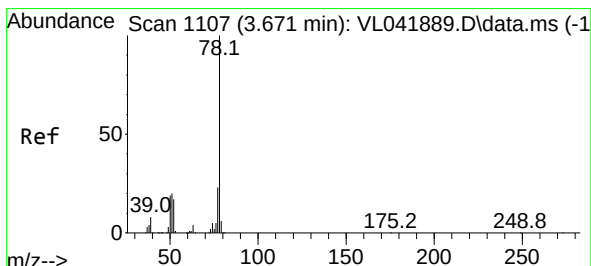
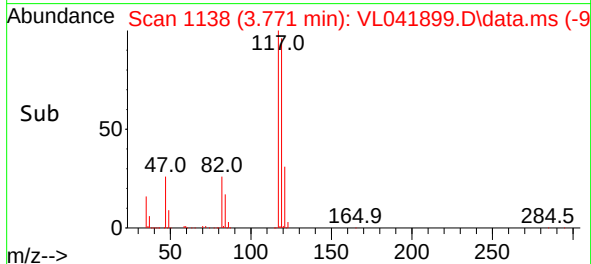
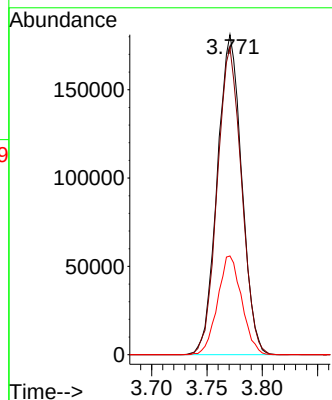
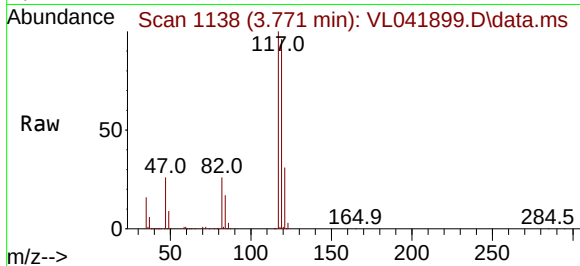




#35
Carbon Tetrachloride
Concen: 10.996 ppbv
RT: 3.771 min Scan# 1140
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

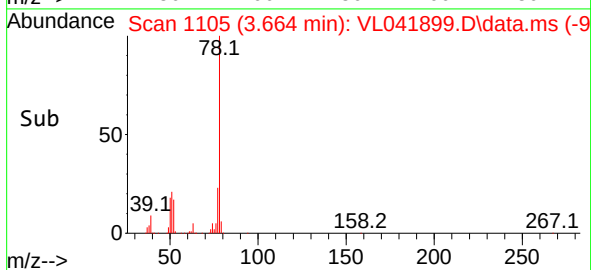
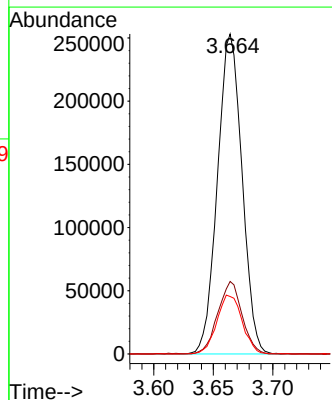
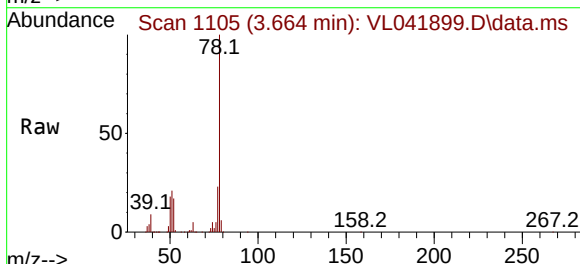
Instrument :
MSVOA_L
ClientSampleId :

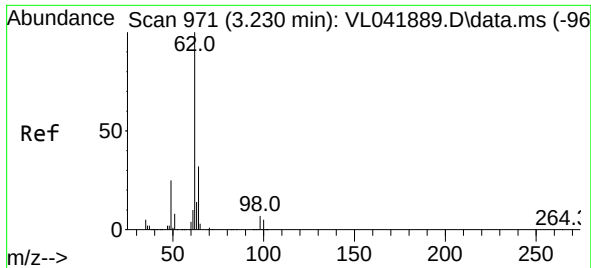
Tgt Ion:117 Resp: 278138
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
121 30.9 23.8 35.6



#36
Benzene
Concen: 9.815 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 78 Resp: 362506
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 18.0 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.258 ppbv

RT: 3.224 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

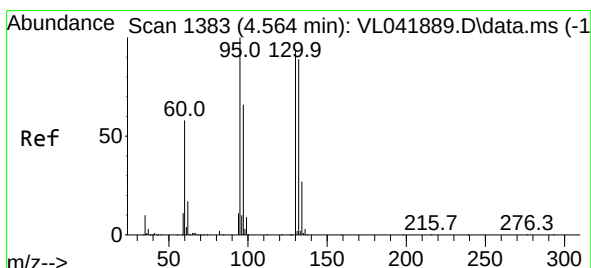
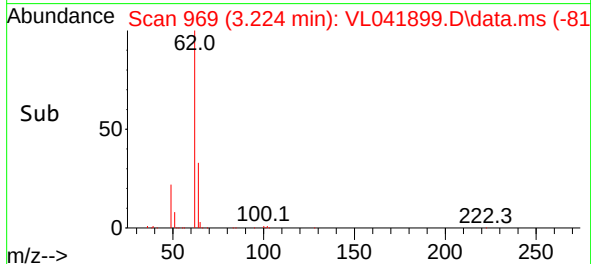
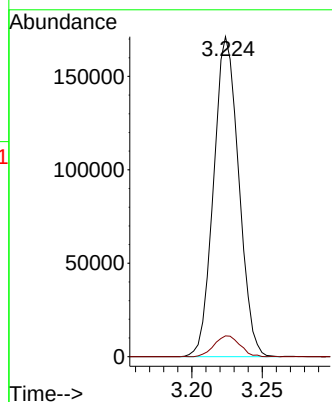
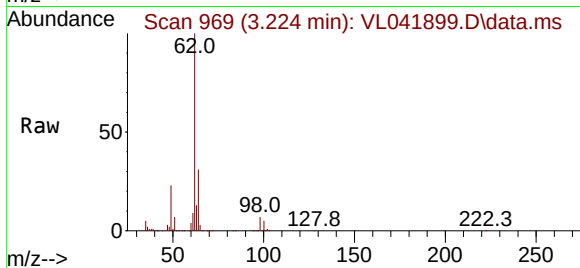
ClientSampleId :

Tgt Ion: 62 Resp: 212786

Ion Ratio Lower Upper

62 100

98 6.7 5.4 8.0



#38

Trichloroethene

Concen: 9.925 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Tgt Ion:130 Resp: 145473

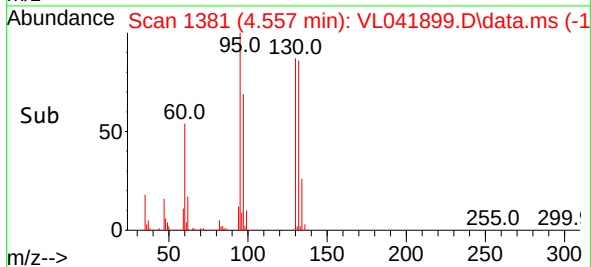
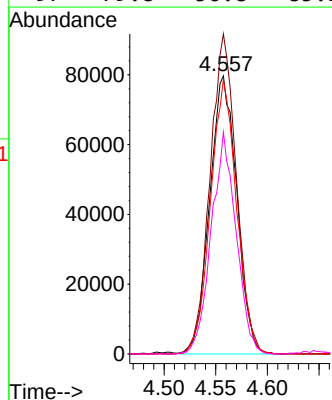
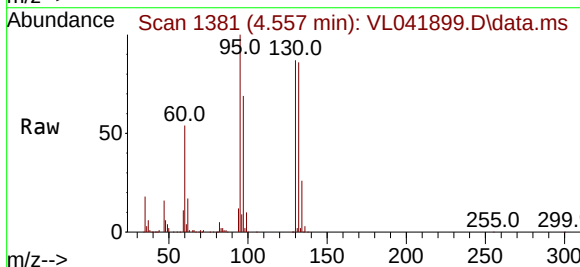
Ion Ratio Lower Upper

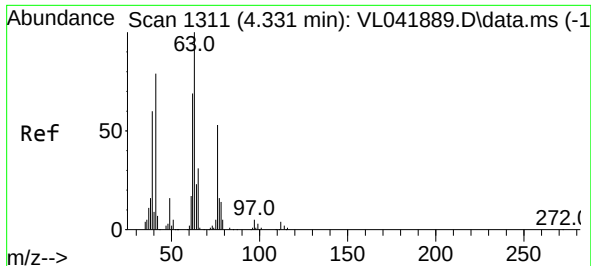
130 100

95 115.1 85.8 128.8

132 98.5 76.5 114.7

97 79.8 56.8 85.2





#39

1,2-Dichloropropane

Concen: 9.581 ppbv

RT: 4.321 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

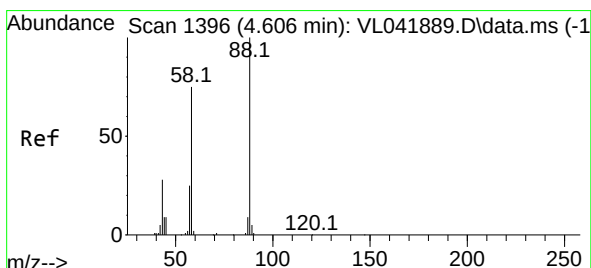
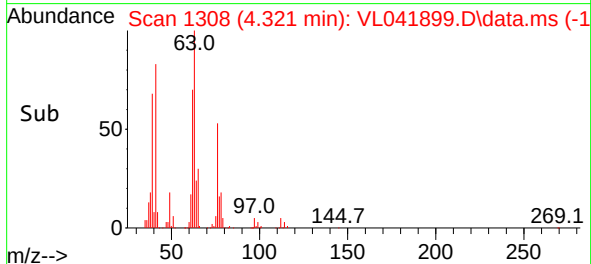
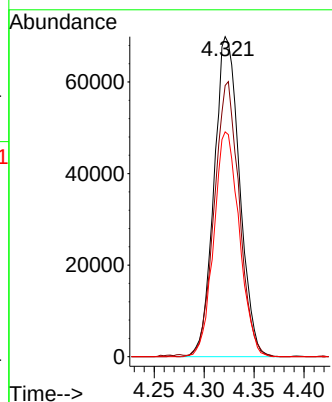
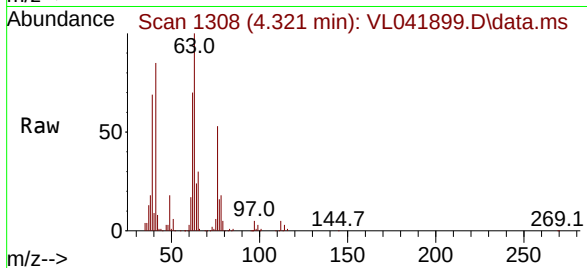
Tgt Ion: 63 Resp: 124131

Ion Ratio Lower Upper

63 100

41 84.8 63.7 95.5

62 70.2 55.4 83.2



#40

1,4-Dioxane

Concen: 8.759 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. -0.013 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Tgt Ion: 88 Resp: 57312

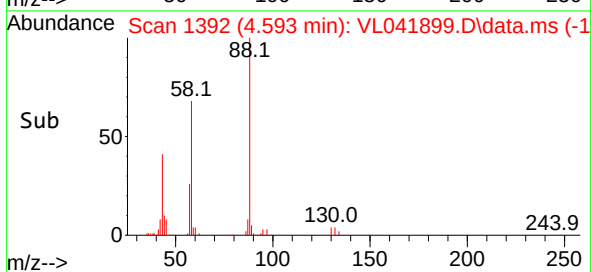
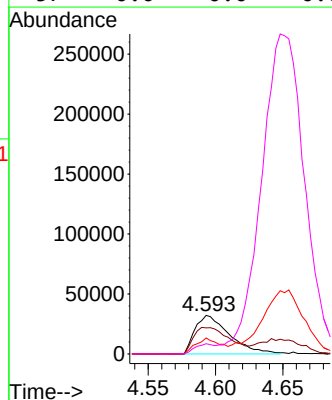
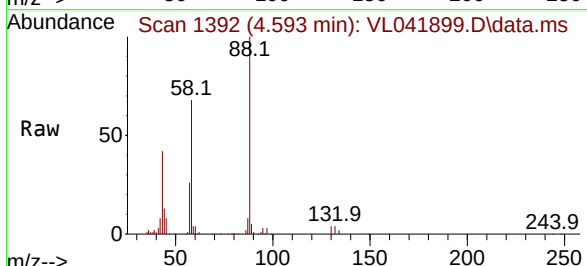
Ion Ratio Lower Upper

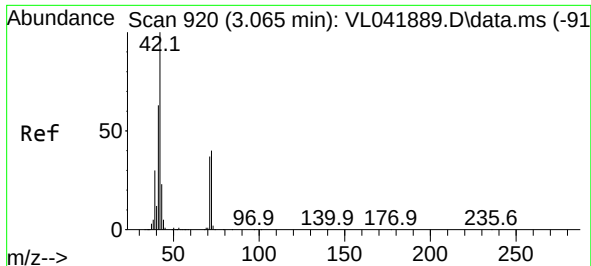
88 100

58 75.8 62.1 93.1

43 29.0 0.0 0.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.014 ppbv

RT: 3.059 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

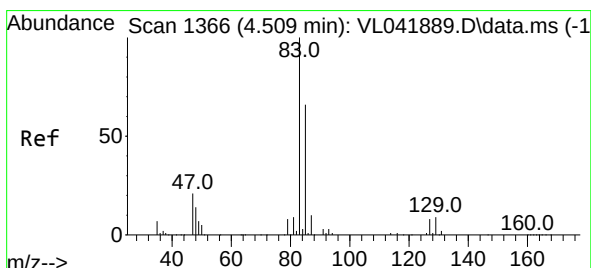
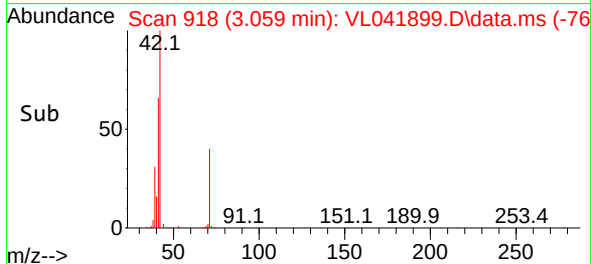
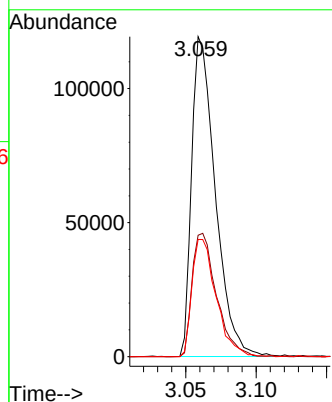
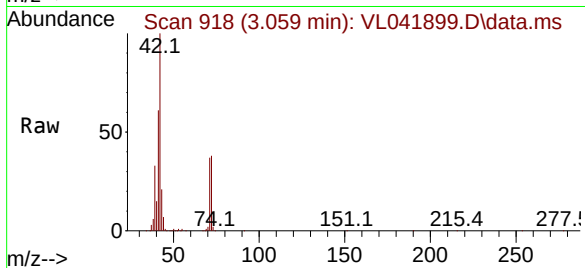
Tgt Ion: 42 Resp: 139374

Ion Ratio Lower Upper

42 100

72 39.9 32.3 48.5

71 37.6 29.9 44.9



#42

Bromodichloromethane

Concen: 10.283 ppbv

RT: 4.499 min Scan# 1363

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

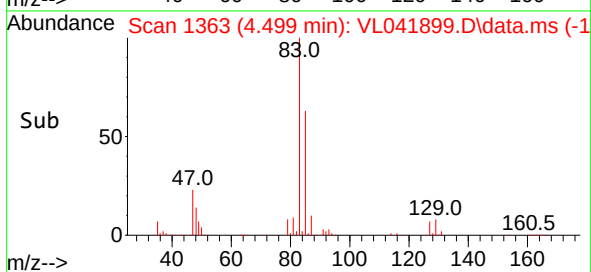
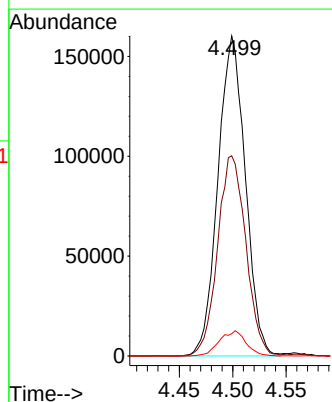
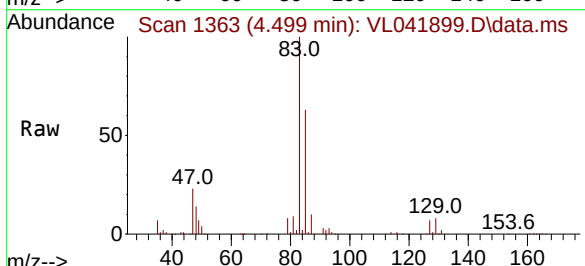
Tgt Ion: 83 Resp: 285998

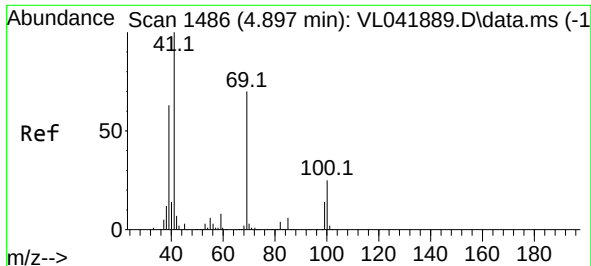
Ion Ratio Lower Upper

83 100

85 62.5 52.6 78.8

127 6.9 6.4 9.6

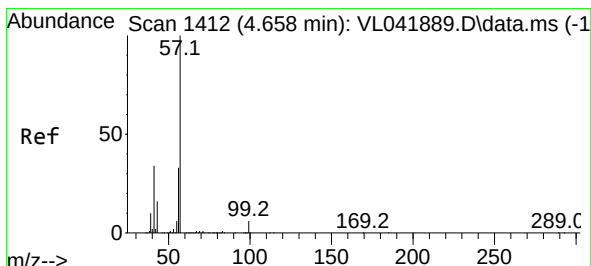
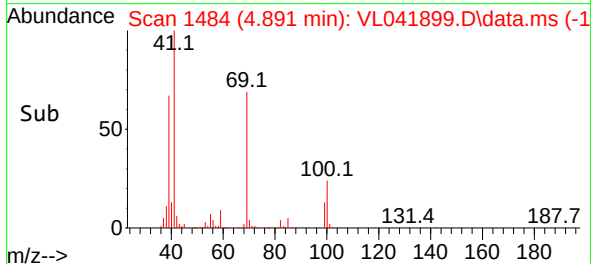
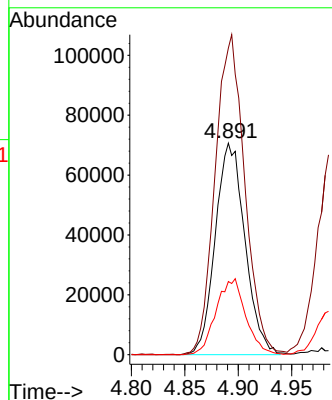
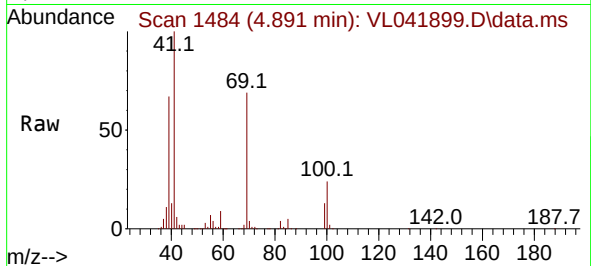




#43
Methyl Methacrylate
Concen: 9.943 ppbv
RT: 4.891 min Scan# 1486
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

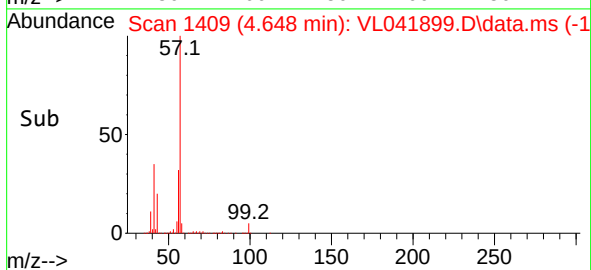
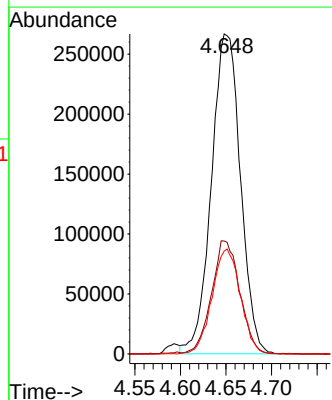
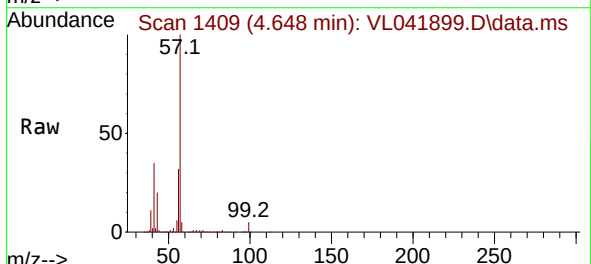
Instrument :
MSVOA_L
ClientSampleId :

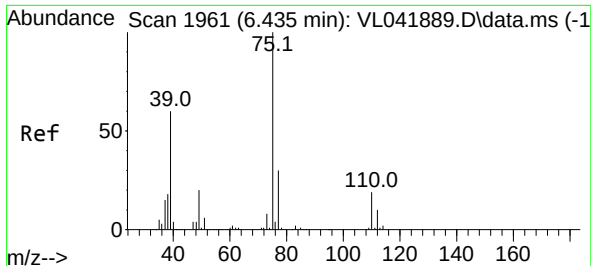
Tgt Ion: 69 Resp: 136428
Ion Ratio Lower Upper
69 100
41 151.1 118.6 177.8
100 36.0 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 9.904 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 57 Resp: 591684
Ion Ratio Lower Upper
57 100
41 34.8 26.6 40.0
56 32.0 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 10.347 ppbv

RT: 6.425 min Scan# 1961

Delta R.T. -0.010 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

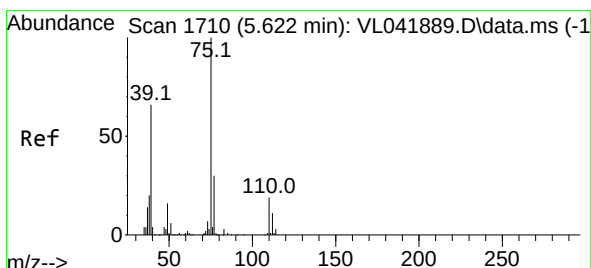
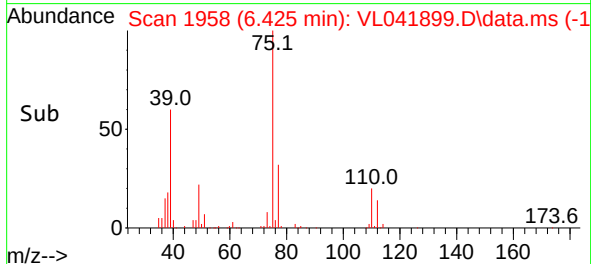
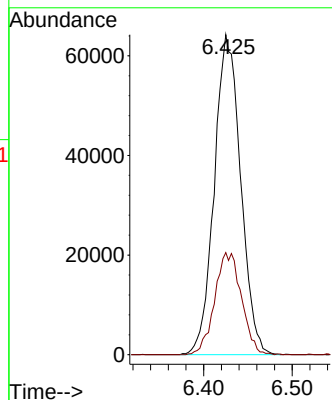
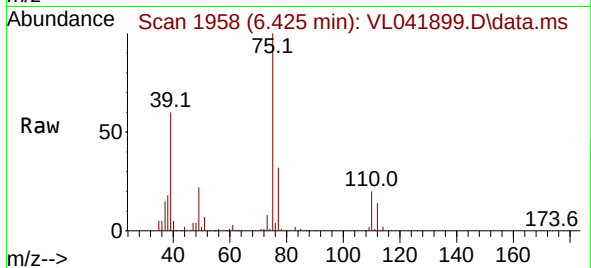
ClientSampleId :

Tgt Ion: 75 Resp: 132891

Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 10.452 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. -0.010 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

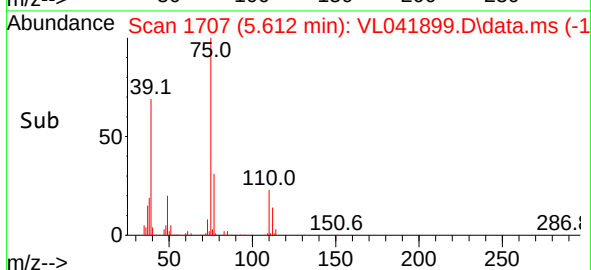
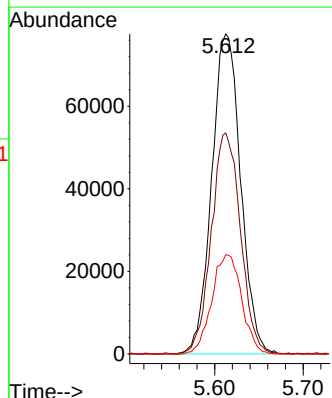
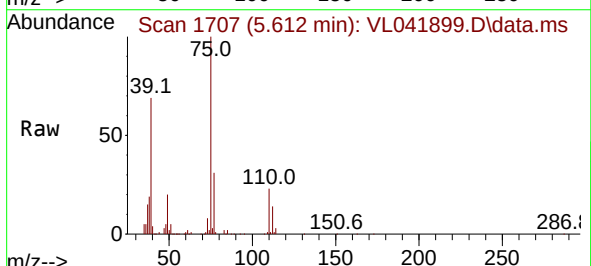
Tgt Ion: 75 Resp: 176246

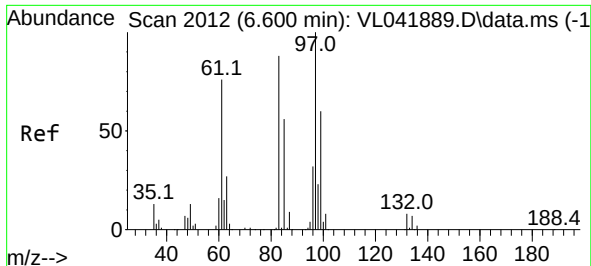
Ion Ratio Lower Upper

75 100

39 68.8 53.1 79.7

77 31.0 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 10.087 ppbv

RT: 6.590 min Scan# 2012

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 138512

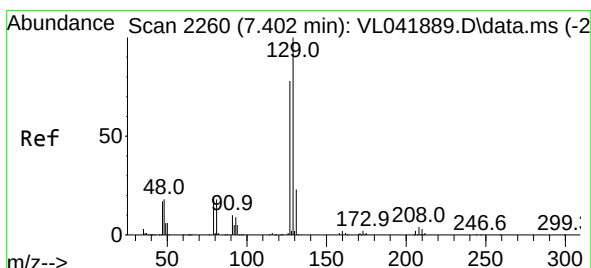
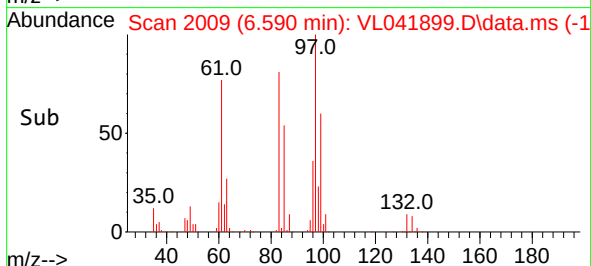
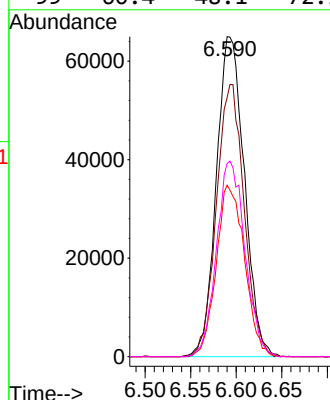
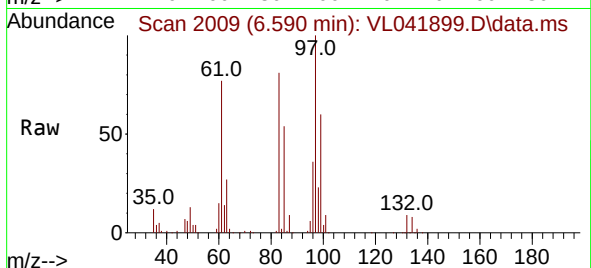
Ion Ratio Lower Upper

97 100

83 80.9 70.4 105.6

85 53.6 45.0 67.4

99 60.4 48.1 72.1



#48

Dibromochloromethane

Concen: 10.687 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. -0.003 min

Lab File: VL041889.D

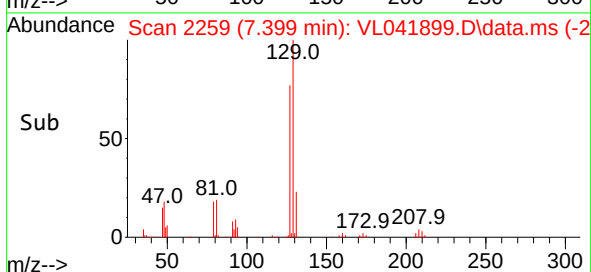
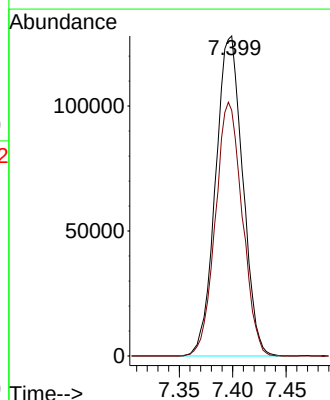
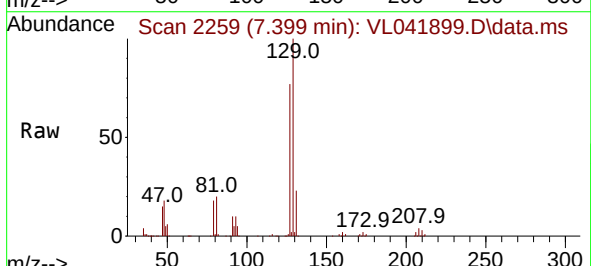
Acq: 14 Jan 2025 19:36

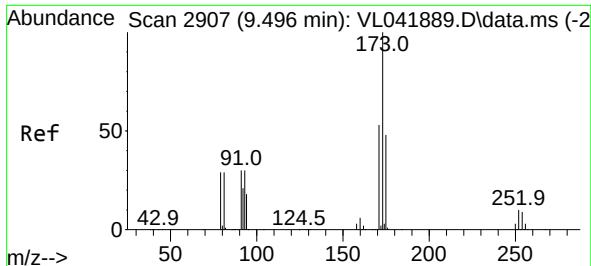
Tgt Ion: 129 Resp: 226417

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.8





#49

Bromoform

Concen: 10.952 ppbv

RT: 9.490 min Scan# 2907

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

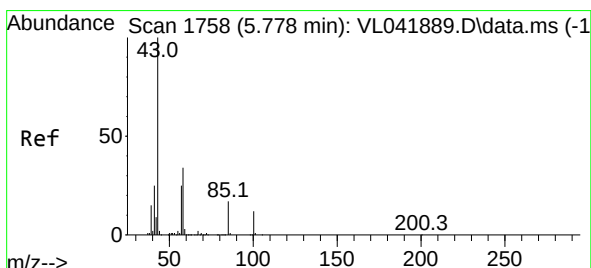
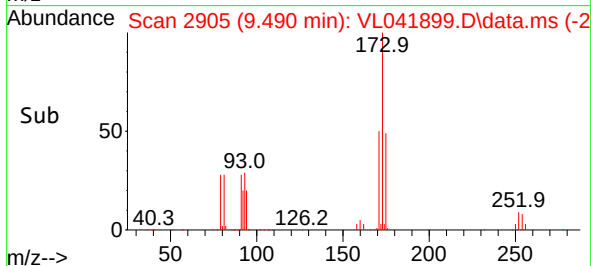
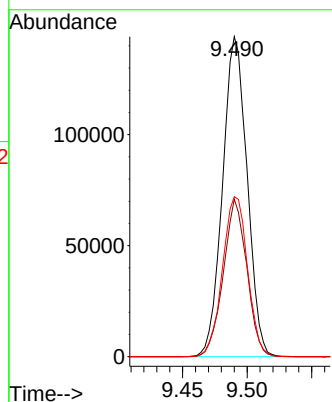
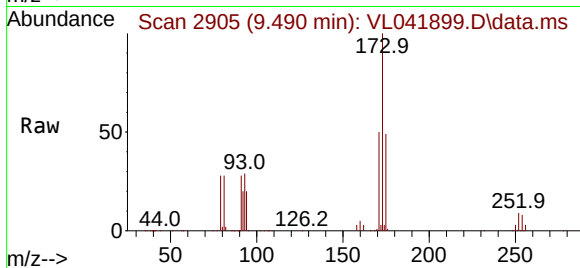
Tgt Ion:173 Resp: 190603

Ion Ratio Lower Upper

173 100

175 47.1 38.4 57.6

171 51.1 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 9.722 ppbv

RT: 5.768 min Scan# 1755

Delta R.T. -0.010 min

Lab File: VL041899.D

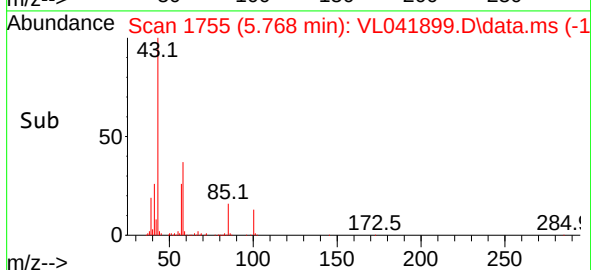
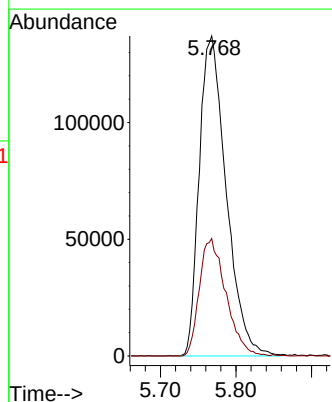
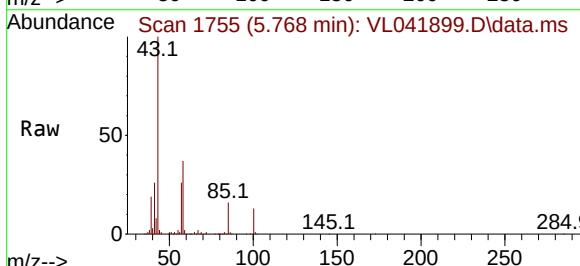
Acq: 14 Jan 2025 19:36

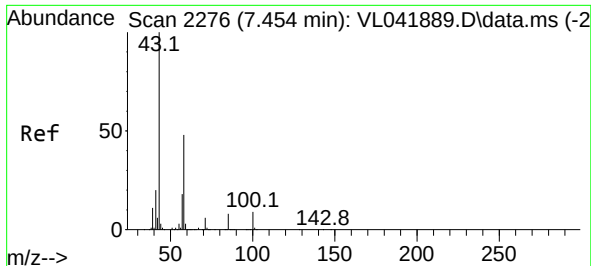
Tgt Ion: 43 Resp: 339900

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6

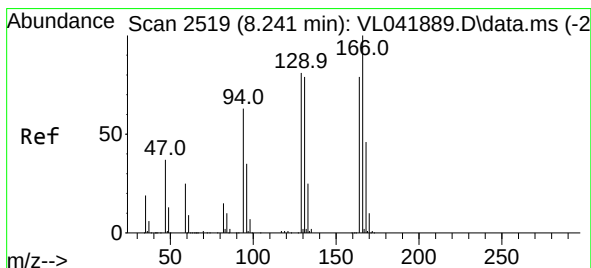
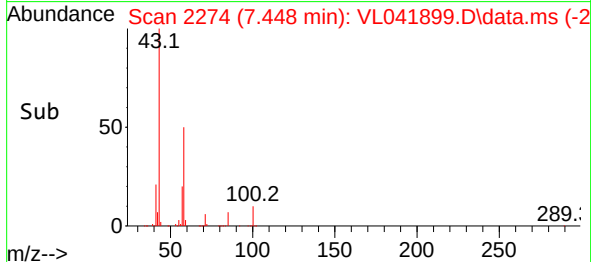
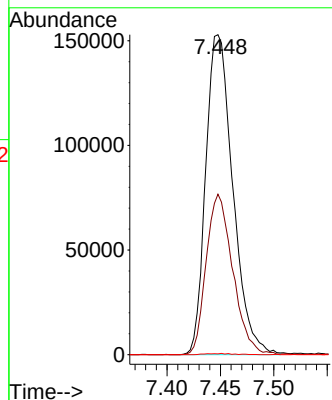
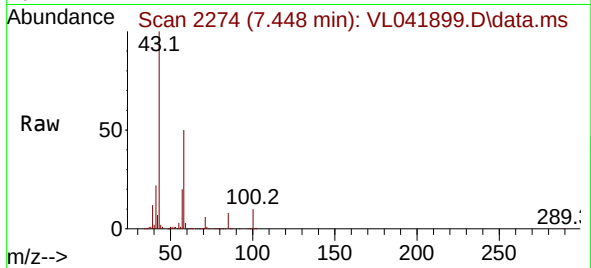




#51
 2-Hexanone
 Concen: 10.051 ppbv
 RT: 7.448 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

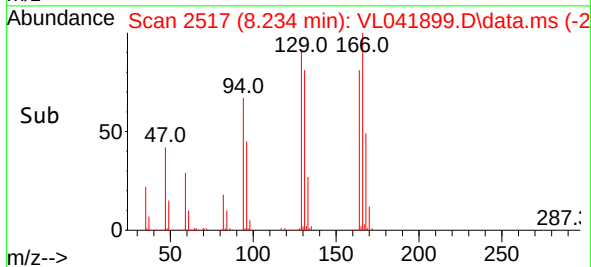
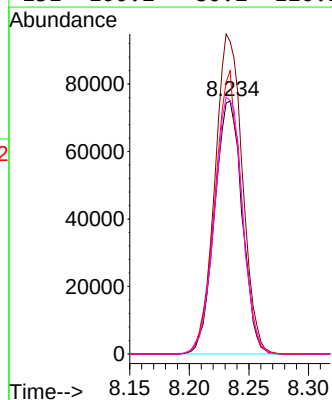
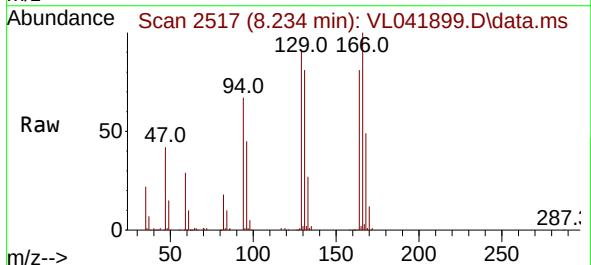
Instrument :
 MSVOA_L
 ClientSampleId :

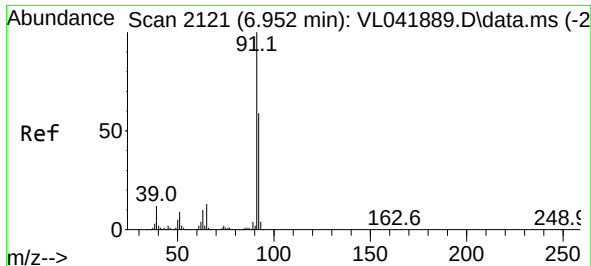
Tgt Ion: 43 Resp: 270020
 Ion Ratio Lower Upper
 43 100
 58 49.2 40.4 60.6
 98 0.4 0.2 0.2#



#52
 Tetrachloroethene
 Concen: 9.397 ppbv
 RT: 8.234 min Scan# 2517
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 164 Resp: 120344
 Ion Ratio Lower Upper
 164 100
 166 123.6 100.8 151.2
 129 112.0 82.0 123.0
 131 100.2 80.2 120.2

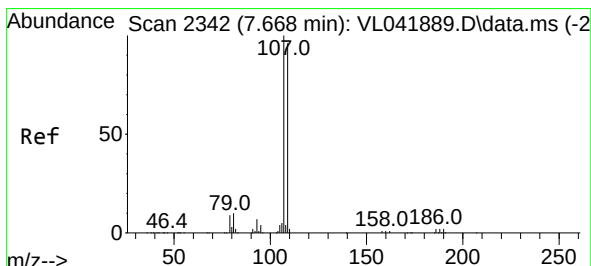
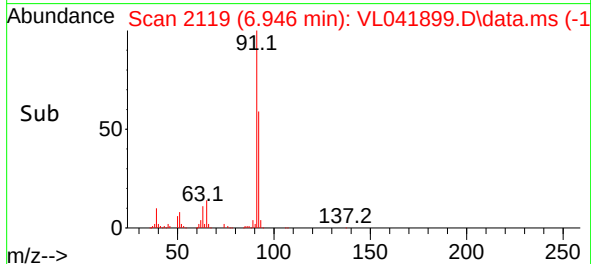
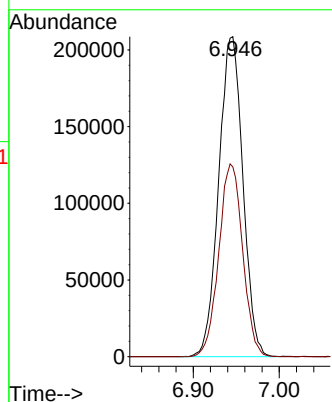
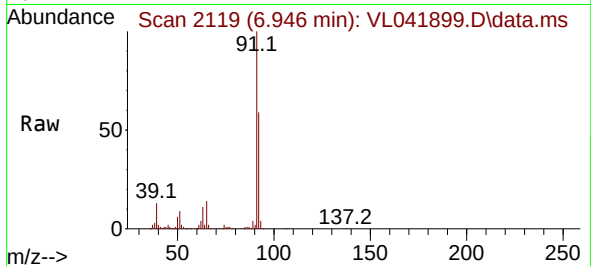




#53
Toluene
Concen: 10.121 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

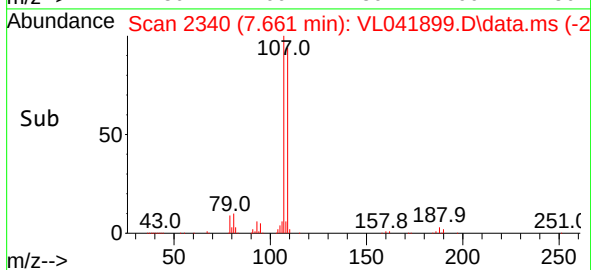
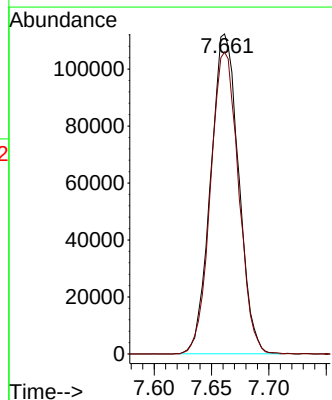
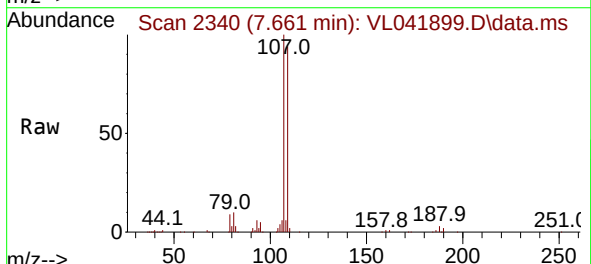
Instrument :
MSVOA_L
ClientSampleId :

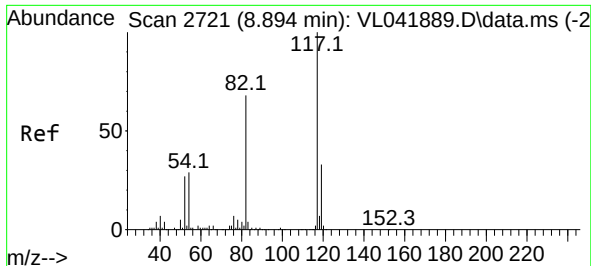
Tgt Ion: 91 Resp: 407178
Ion Ratio Lower Upper
91 100
92 59.5 47.4 71.0



#54
1,2-Dibromoethane
Concen: 10.086 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 107 Resp: 190401
Ion Ratio Lower Upper
107 100
109 94.3 76.7 115.1

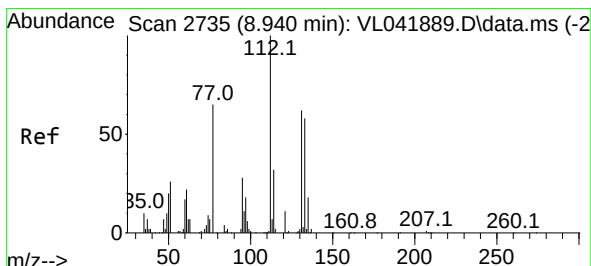
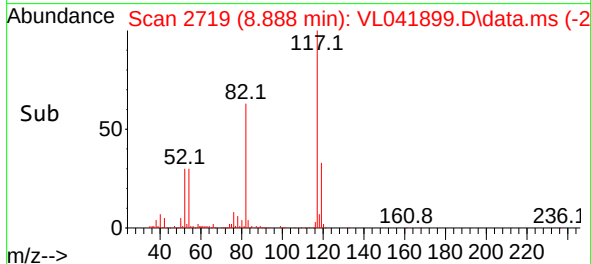
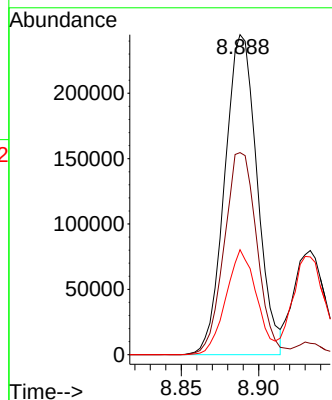
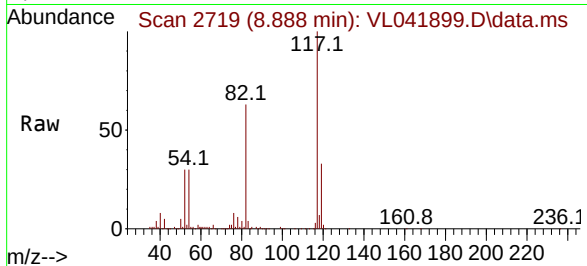




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

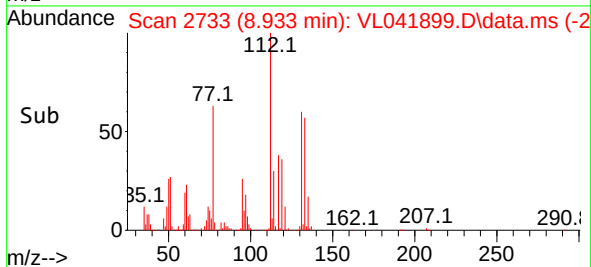
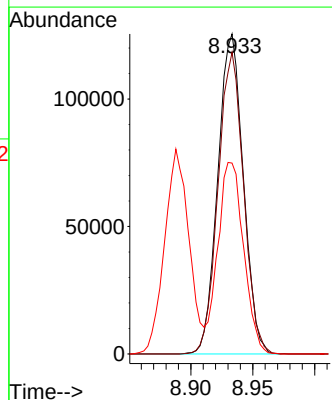
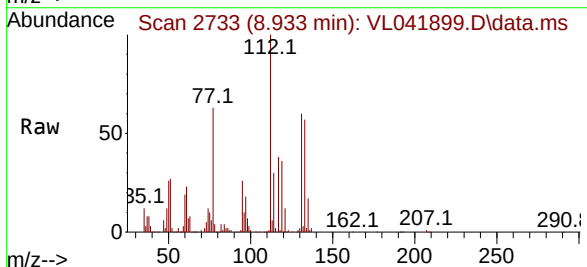
Instrument :
MSVOA_L
ClientSampleId :

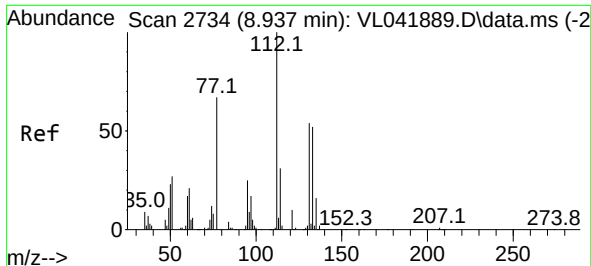
Tgt Ion:117 Resp: 356460
Ion Ratio Lower Upper
117 100
82 67.0 54.2 81.4
119 30.5 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 10.112 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion:131 Resp: 179834
Ion Ratio Lower Upper
131 100
133 94.3 76.0 114.0
119 60.7 49.7 74.5

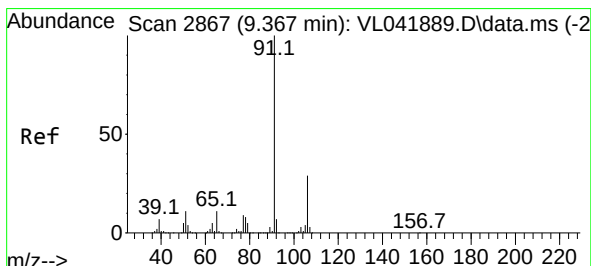
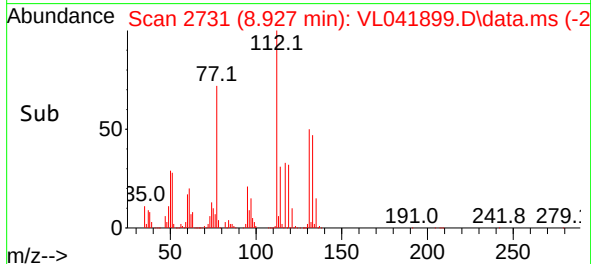
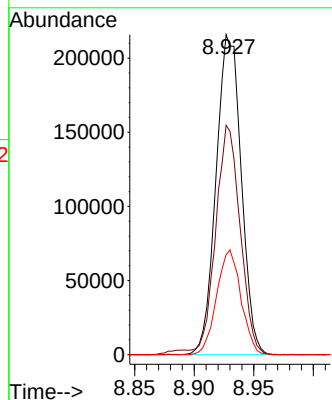
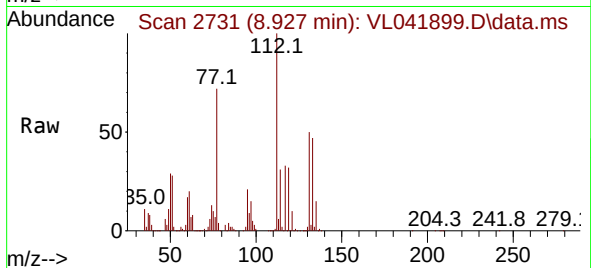




#57
Chlorobenzene
Concen: 9.634 ppbv
RT: 8.927 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

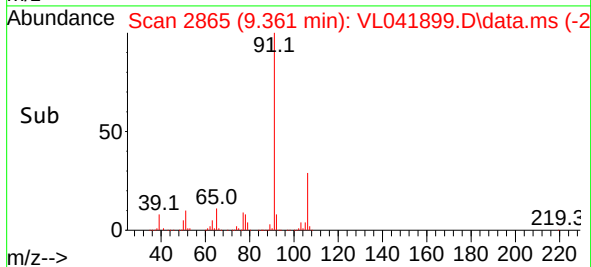
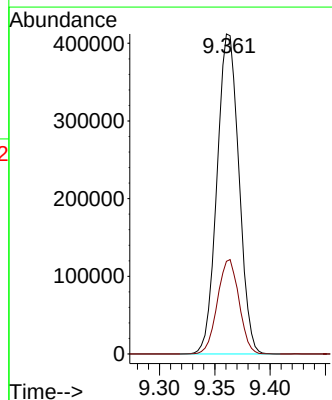
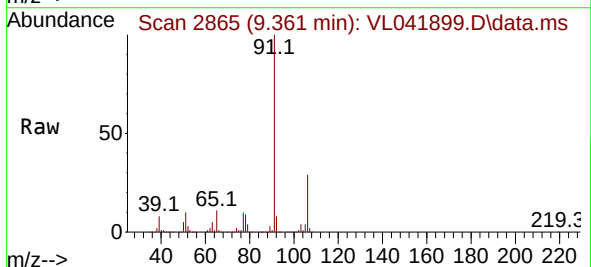
Instrument :
MSVOA_L
ClientSampleId :

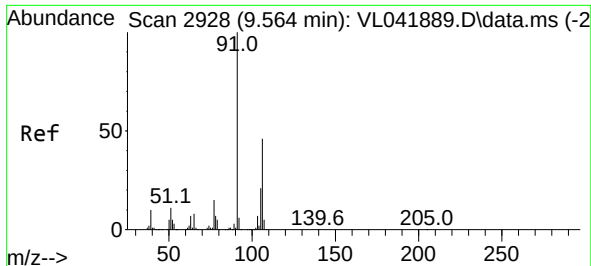
Tgt Ion:112 Resp: 316779
Ion Ratio Lower Upper
112 100
77 71.6 54.6 82.0
114 31.3 28.2 34.4



#58
Ethyl Benzene
Concen: 10.167 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 91 Resp: 566411
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7





#59

m/p-Xylene

Concen: 9.854 ppbv

RT: 9.558 min Scan# 2926

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

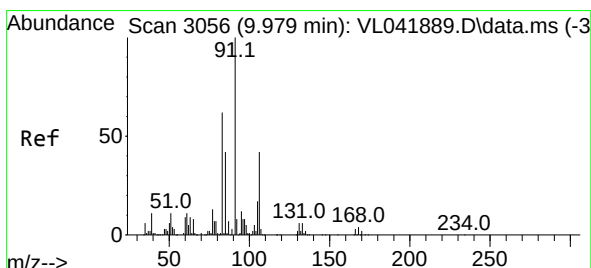
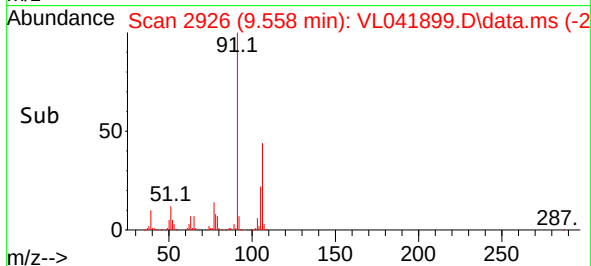
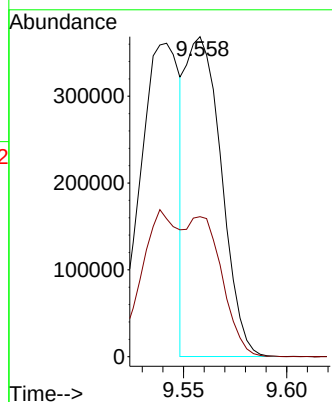
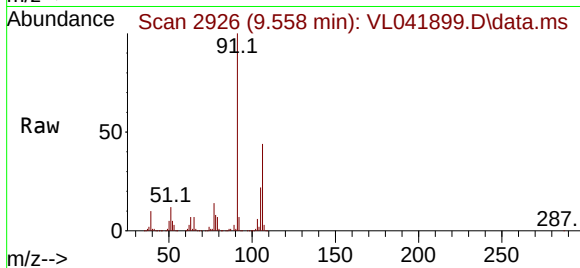
ClientSampleId :

Tgt Ion: 91 Resp: 440005

Ion Ratio Lower Upper

91 100

106 0.0 36.0 54.0#



#60

o-Xylene

Concen: 10.444 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.007 min

Lab File: VL041889.D

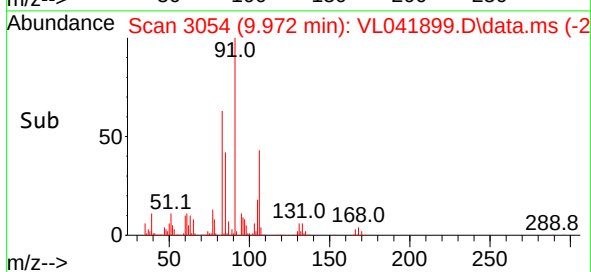
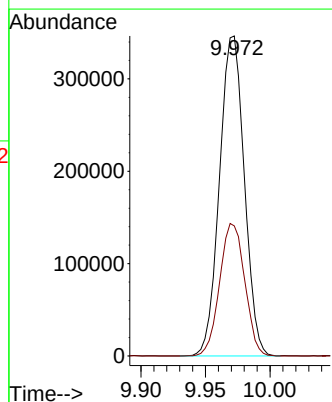
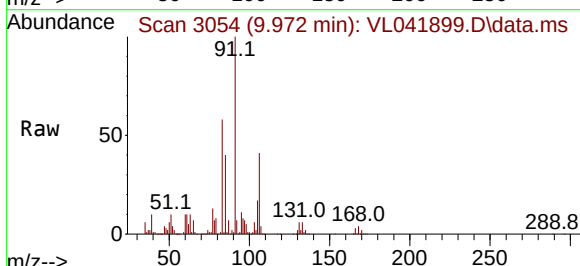
Acq: 14 Jan 2025 19:36

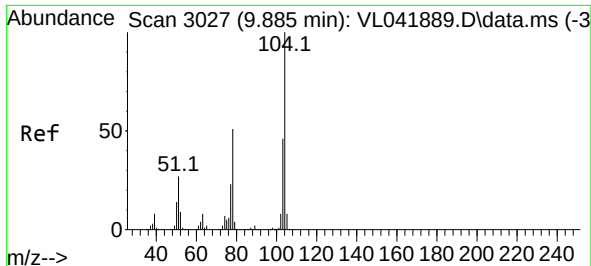
Tgt Ion: 91 Resp: 462914

Ion Ratio Lower Upper

91 100

106 41.9 21.3 63.9





#61

Styrene

Concen: 10.784 ppbv

RT: 9.875 min Scan# 3027

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

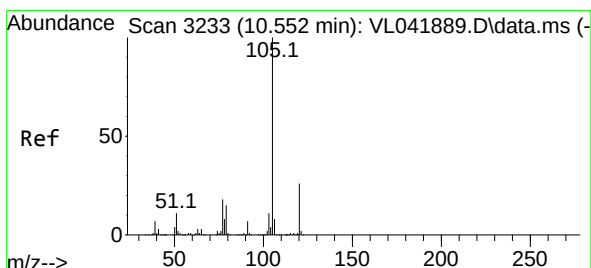
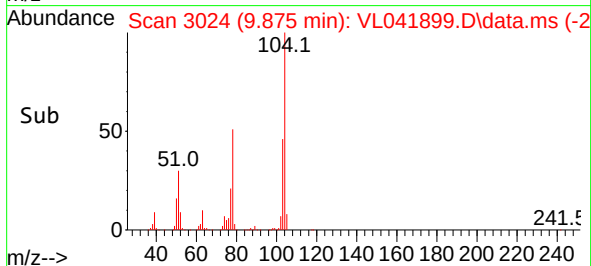
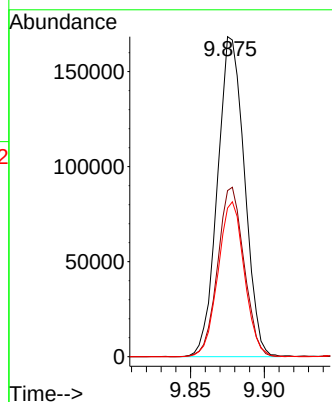
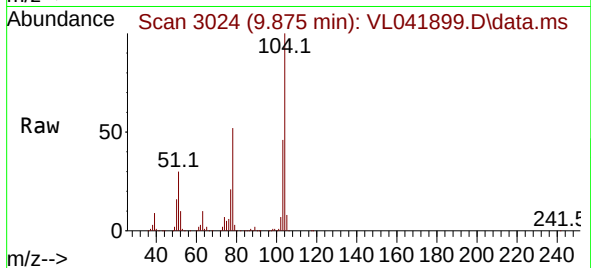
Tgt Ion:104 Resp: 214400

Ion Ratio Lower Upper

104 100

78 51.9 41.0 61.6

103 47.2 37.2 55.8



#62

Isopropylbenzene

Concen: 10.169 ppbv

RT: 10.545 min Scan# 3231

Delta R.T. -0.007 min

Lab File: VL041889.D

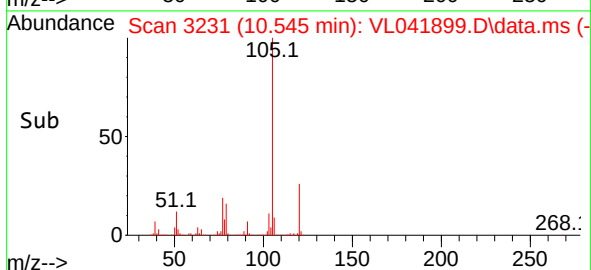
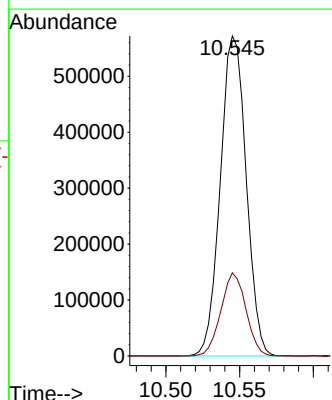
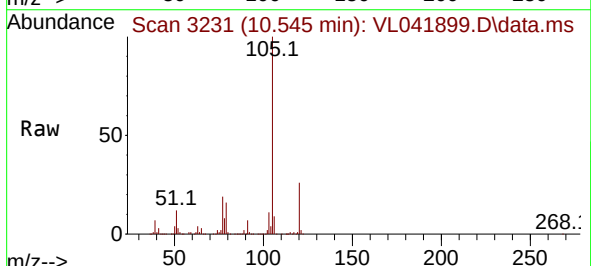
Acq: 14 Jan 2025 19:36

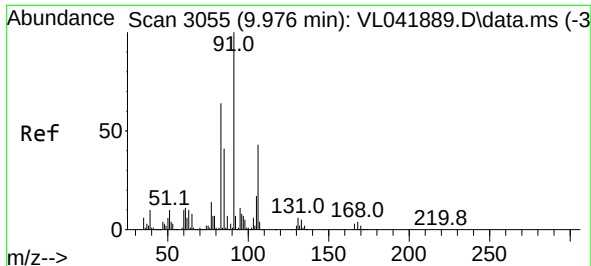
Tgt Ion:105 Resp: 697392

Ion Ratio Lower Upper

105 100

120 25.2 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 9.928 ppbv

RT: 9.969 min Scan# 3055

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

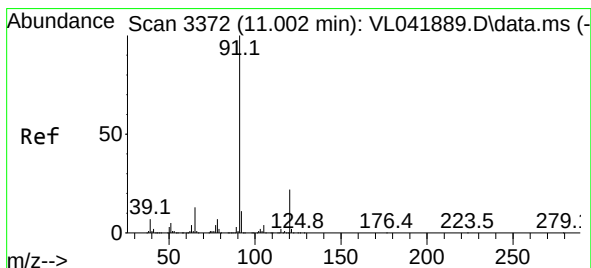
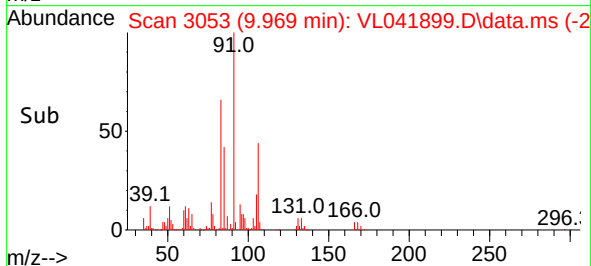
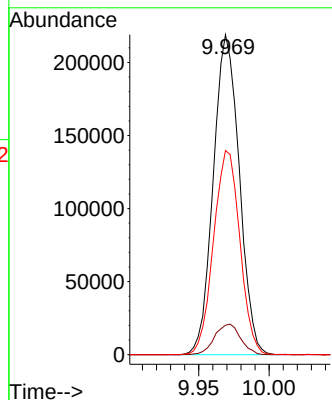
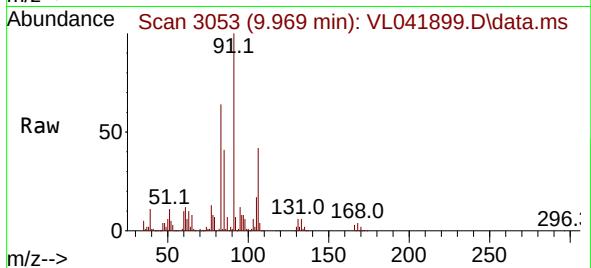
Tgt Ion: 83 Resp: 281189

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.6 32.4 97.2



#64

n-propylbenzene

Concen: 10.119 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. -0.007 min

Lab File: VL041889.D

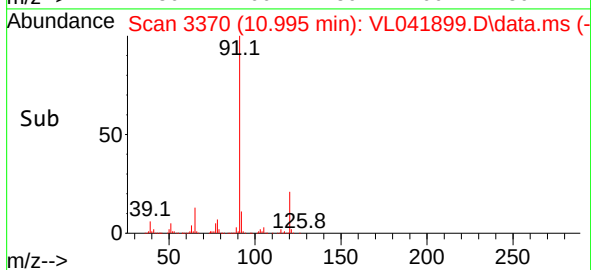
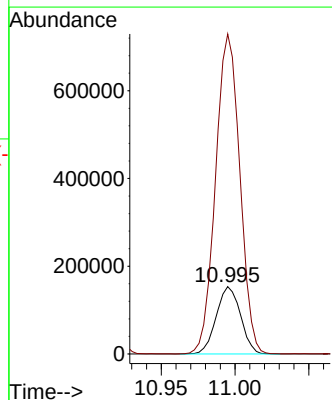
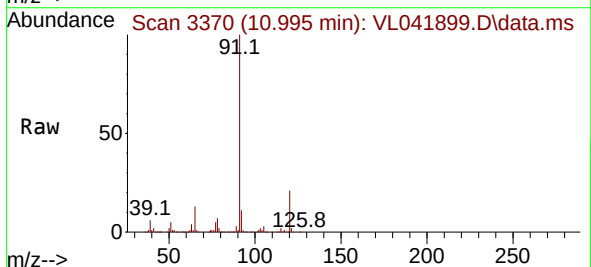
Acq: 14 Jan 2025 19:36

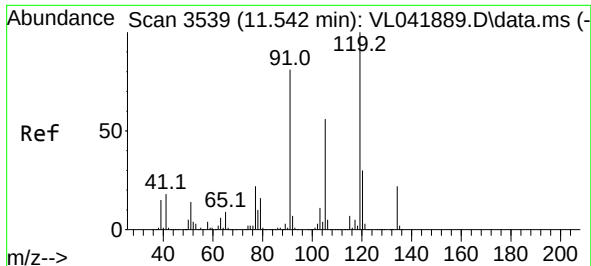
Tgt Ion: 120 Resp: 175356

Ion Ratio Lower Upper

120 100

91 477.1 374.1 561.1

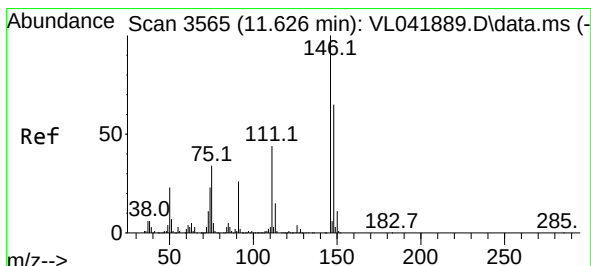
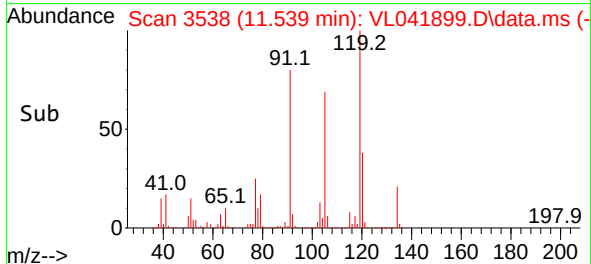
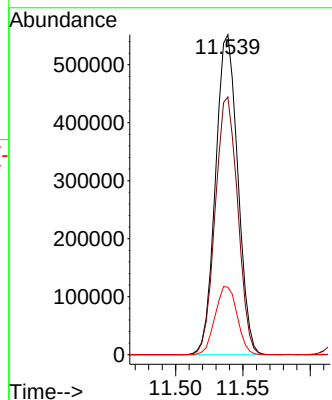
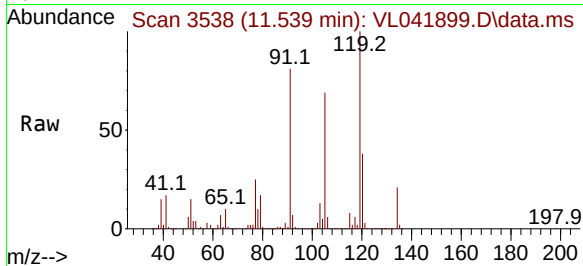




#65
tert-Butylbenzene
Concen: 10.146 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

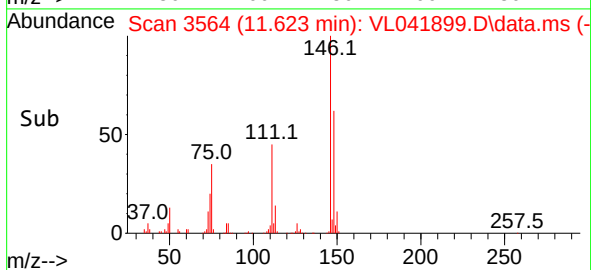
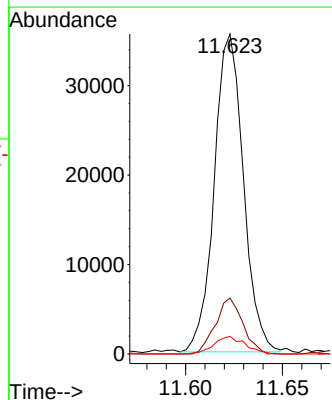
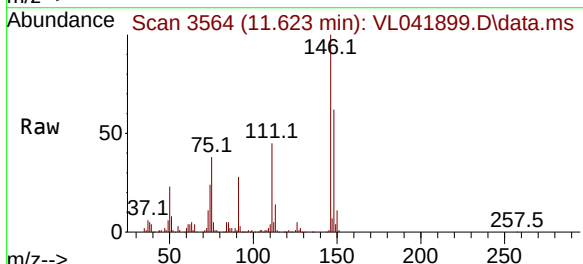
Instrument :
MSVOA_L
ClientSampleId :

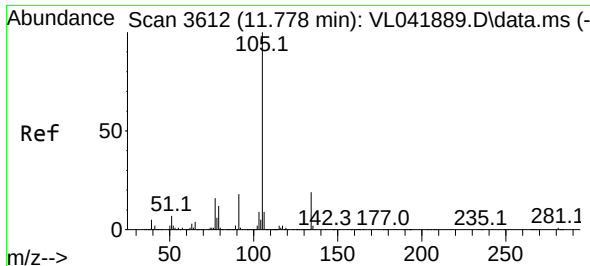
Tgt Ion:119 Resp: 634140
Ion Ratio Lower Upper
119 100
91 81.3 64.6 97.0
134 21.1 16.8 25.2



#66
Benzyl Chloride
Concen: 9.600 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 91 Resp: 37139
Ion Ratio Lower Upper
91 100
126 16.5 14.1 21.1
128 5.9 4.3 6.5

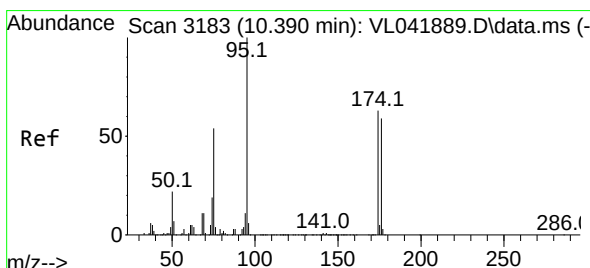
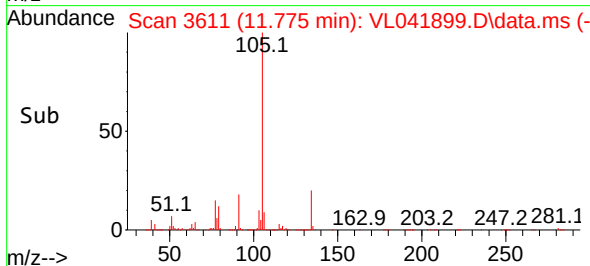
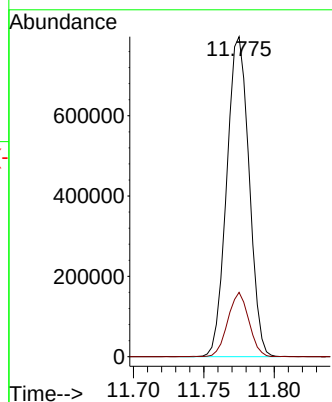
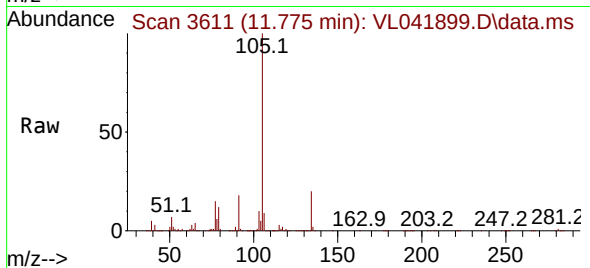




#67
 sec-Butylbenzene
 Concen: 10.222 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 19:36

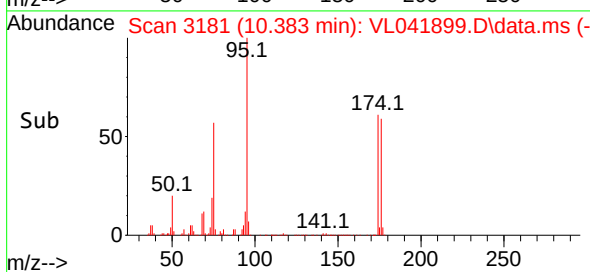
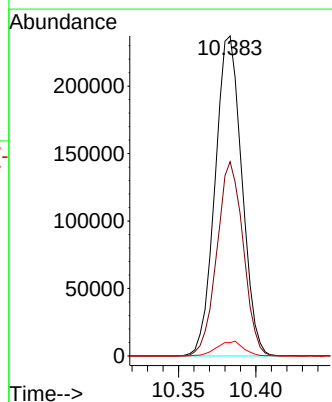
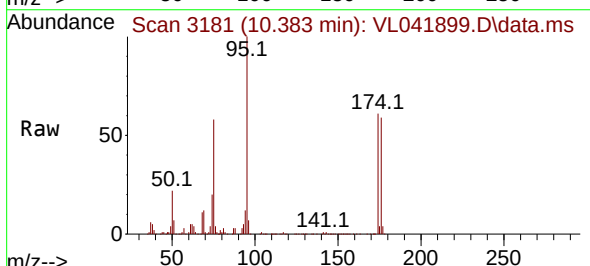
Instrument :
 MSVOA_L
 ClientSampleId :

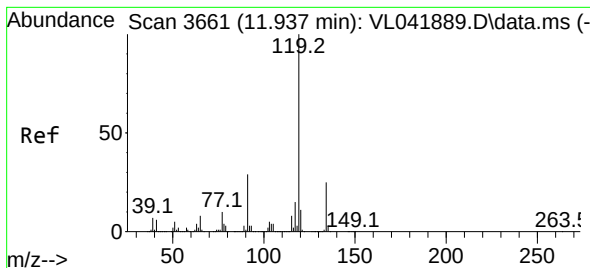
Tgt Ion:105 Resp: 879679
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.153 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 95 Resp: 285053
 Ion Ratio Lower Upper
 95 100
 174 59.7 49.0 73.4
 175 4.6 3.8 5.8

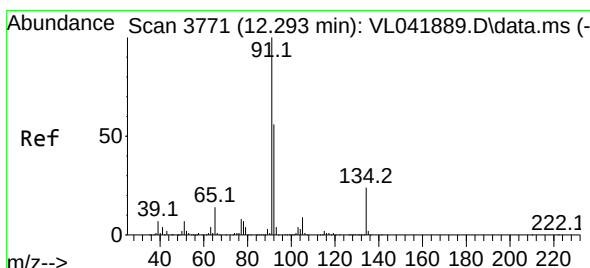
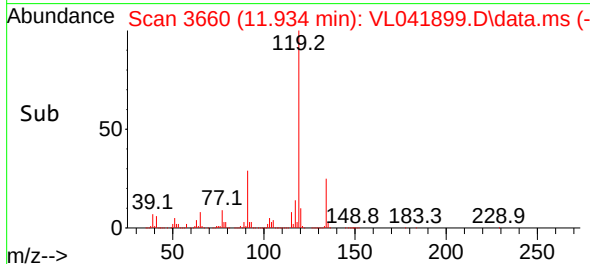
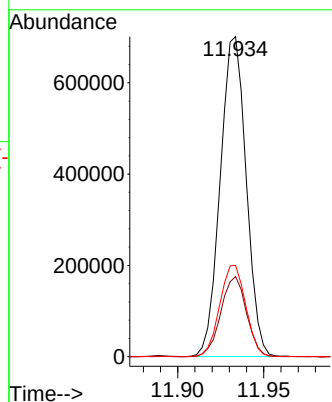
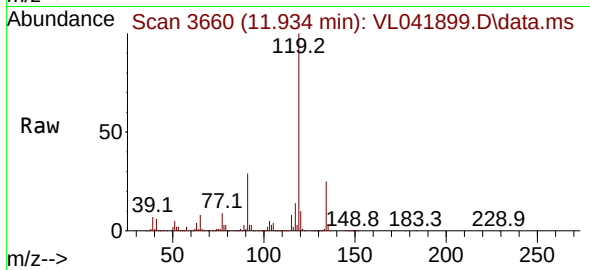




#69
 p-Isopropyltoluene
 Concen: 10.368 ppbv
 RT: 11.934 min Scan# 3660
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

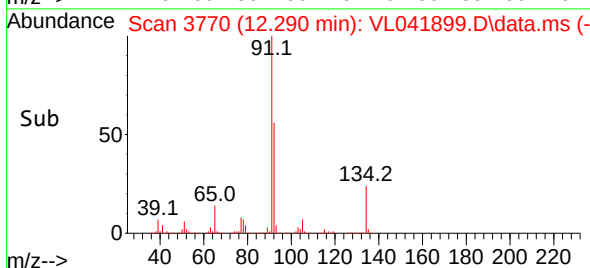
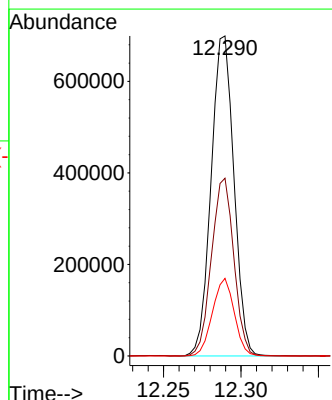
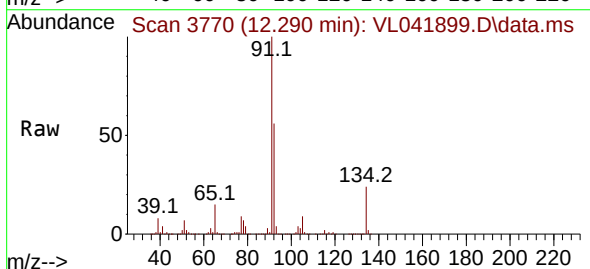
Instrument :
 MSVOA_L
 ClientSampleId :

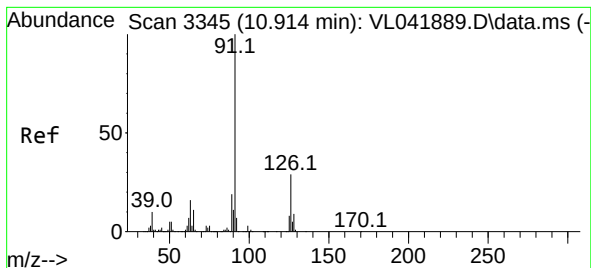
Tgt Ion:119 Resp: 734754
 Ion Ratio Lower Upper
 119 100
 134 24.8 19.8 29.6
 91 28.9 23.0 34.4



#70
 n-Butylbenzene
 Concen: 10.169 ppbv
 RT: 12.290 min Scan# 3770
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 91 Resp: 714677
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.8 65.6
 134 23.3 19.0 28.6

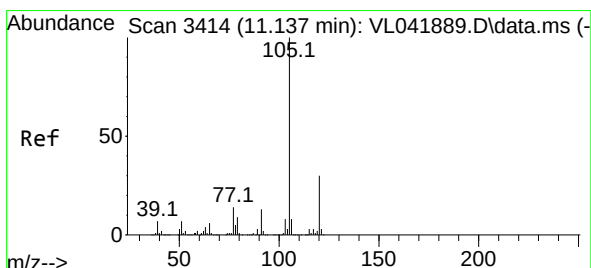
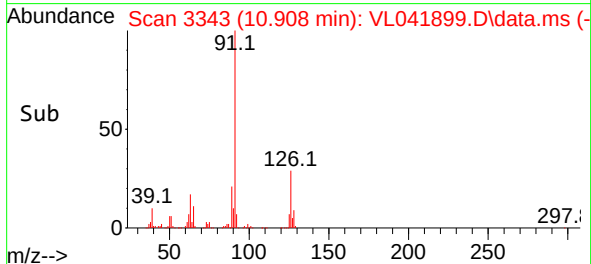
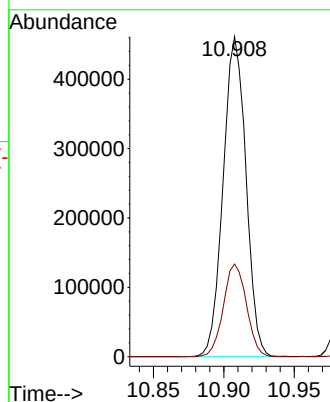
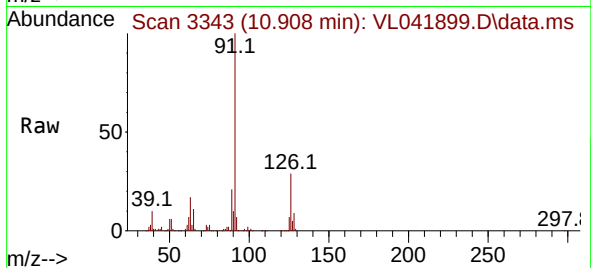




#71
2-Chlorotoluene
Concen: 10.264 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

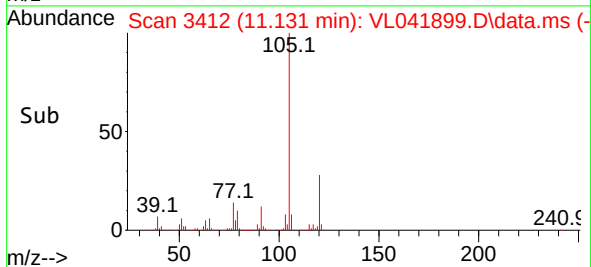
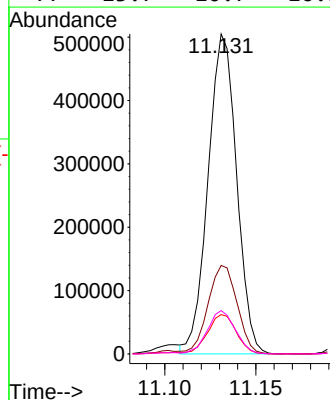
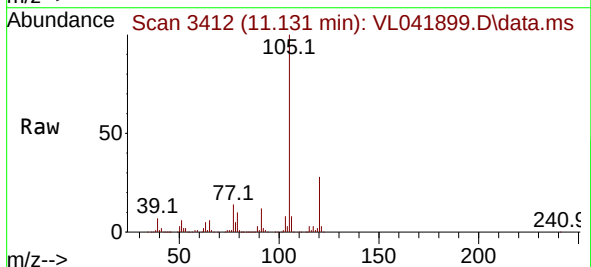
Instrument :
MSVOA_L
ClientSampleId :

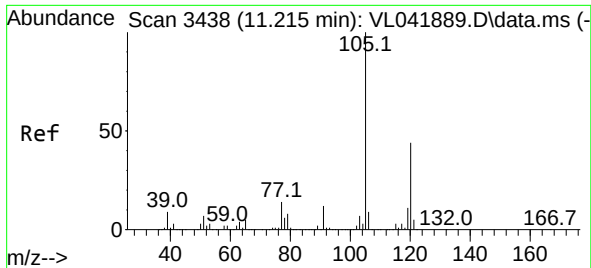
Tgt Ion: 91 Resp: 520731
Ion Ratio Lower Upper
91 100
126 29.2 11.7 46.7



#72
4-Ethyltoluene
Concen: 10.382 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion:105 Resp: 550386
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 12.9 10.2 15.2
77 13.7 10.7 16.1

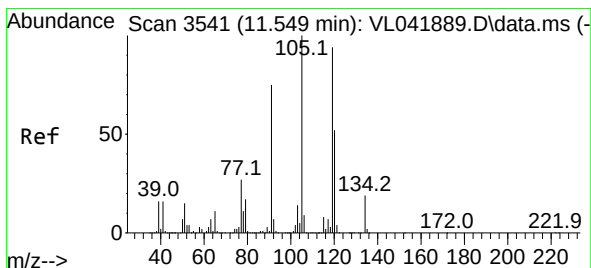
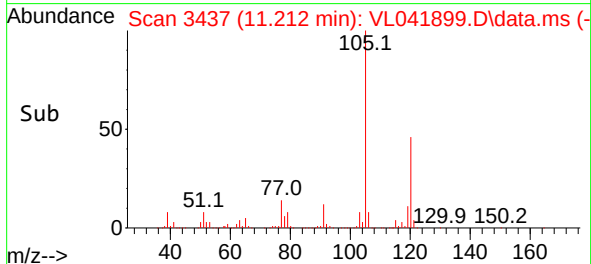
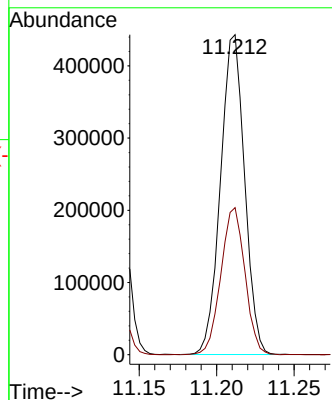
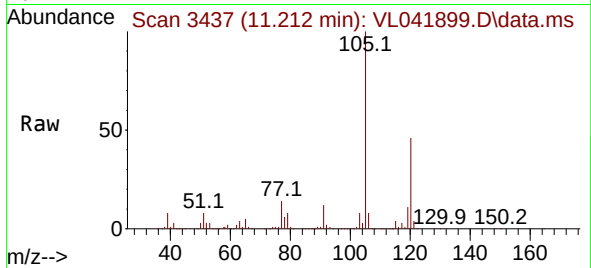




#73
 1,3,5-Trimethylbenzene
 Concen: 10.223 ppbv
 RT: 11.212 min Scan# 3438
 Delta R.T. -0.003 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 19:36

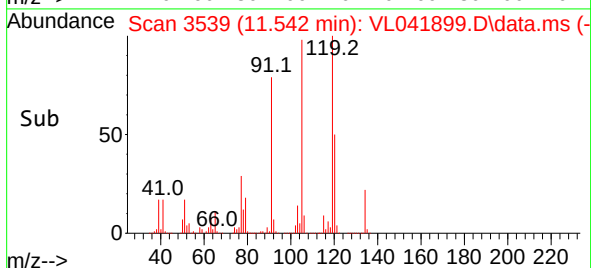
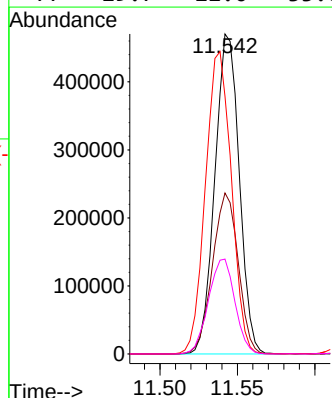
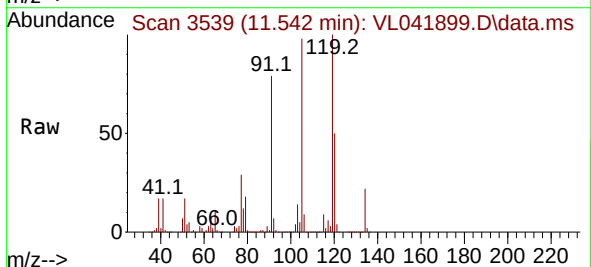
Instrument :
 MSVOA_L
 ClientSampleId :

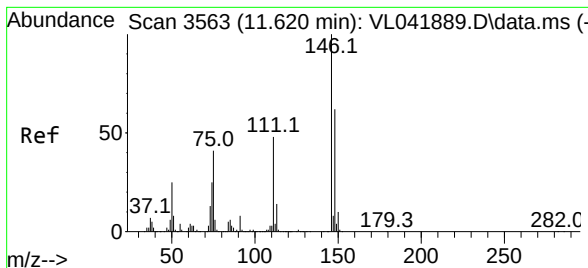
Tgt Ion:105 Resp: 478593
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 10.150 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. -0.007 min
 Lab File: VL041889.D
 Acq: 14 Jan 2025 19:36

Tgt Ion:105 Resp: 514624
 Ion Ratio Lower Upper
 105 100
 120 50.2 41.4 62.2
 91 80.5 60.2 90.2
 77 29.7 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 9.754 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

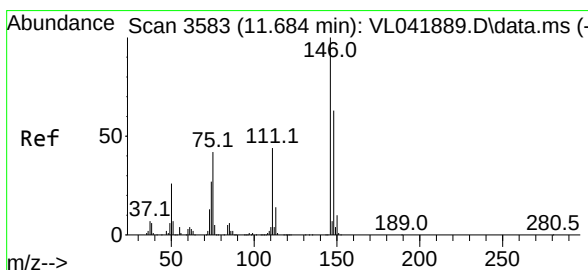
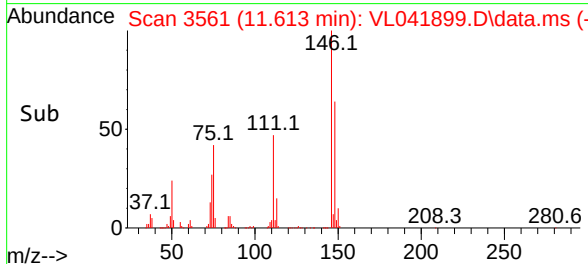
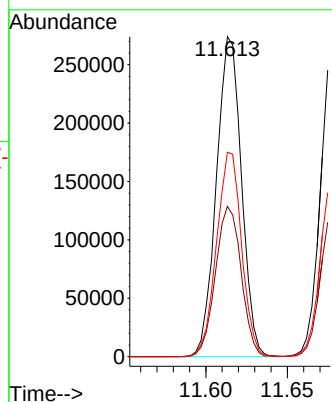
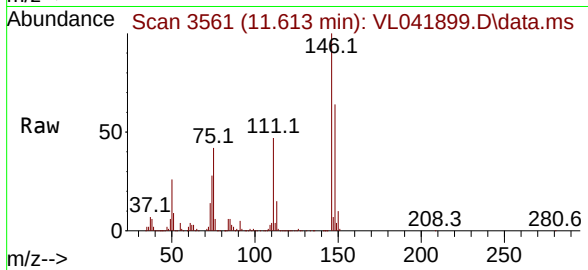
Tgt Ion:146 Resp: 293053

Ion Ratio Lower Upper

146 100

111 48.1 23.6 70.8

148 63.9 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 9.980 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

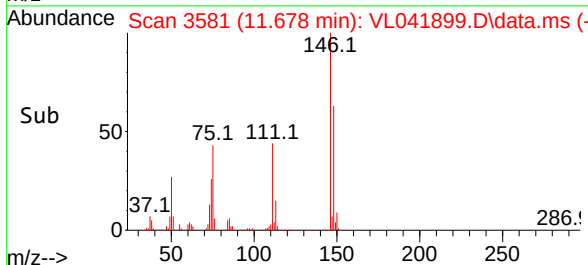
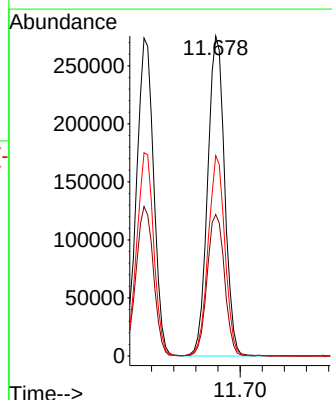
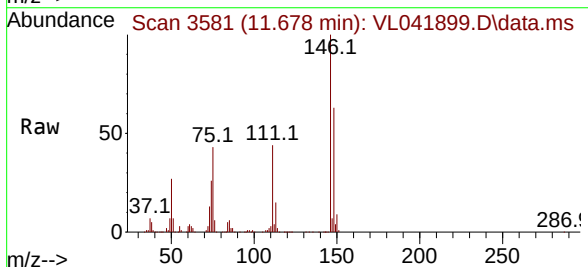
Tgt Ion:146 Resp: 293347

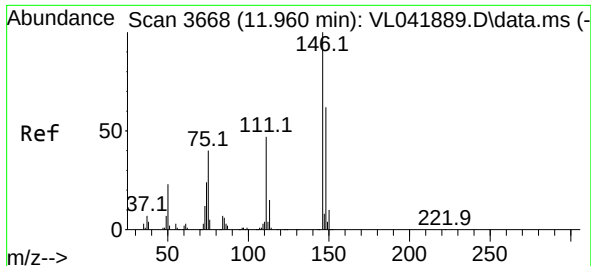
Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.0

148 62.0 31.9 95.5

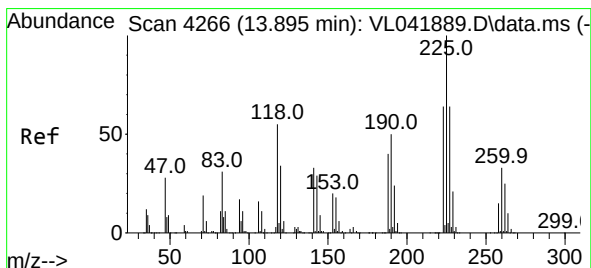
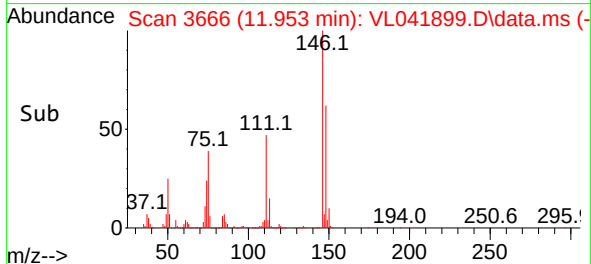
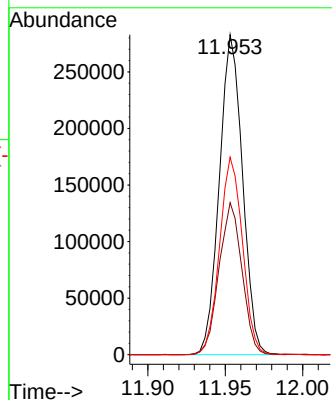
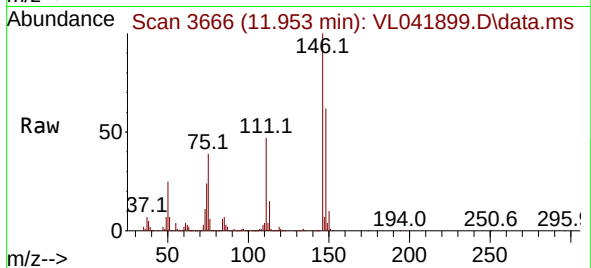




#77
1,2-Dichlorobenzene
Concen: 9.876 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

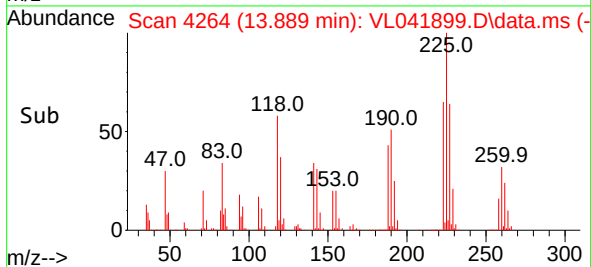
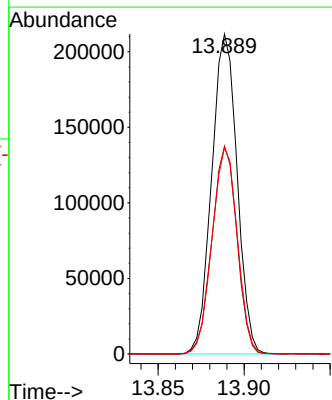
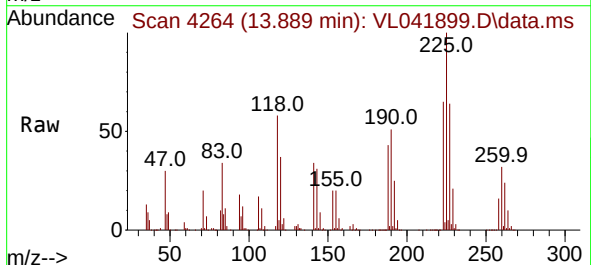
Instrument :
MSVOA_L
ClientSampleId :

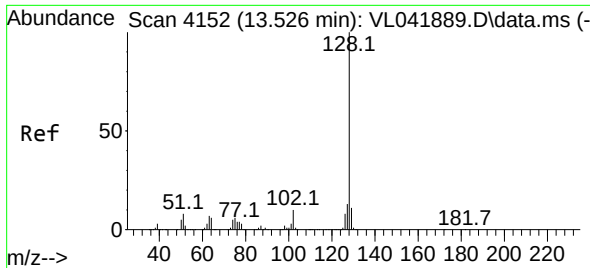
Tgt Ion:146 Resp: 294078
Ion Ratio Lower Upper
146 100
111 47.1 24.2 72.6
148 61.1 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 8.898 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion:225 Resp: 217475
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 64.1 50.3 75.5

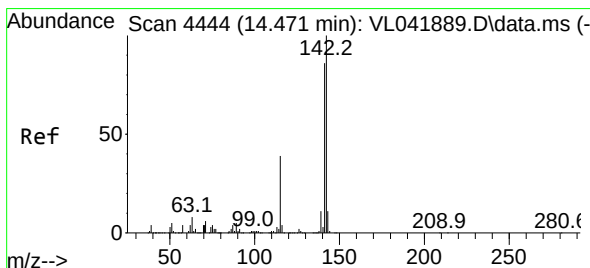
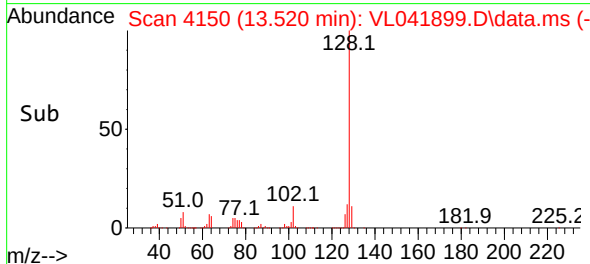
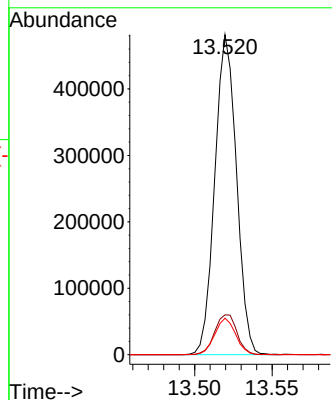
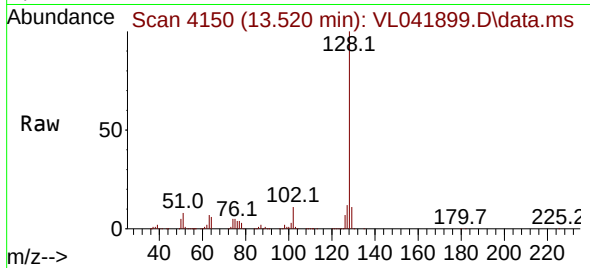




#79
Naphthalene
Concen: 9.179 ppbv
RT: 13.520 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

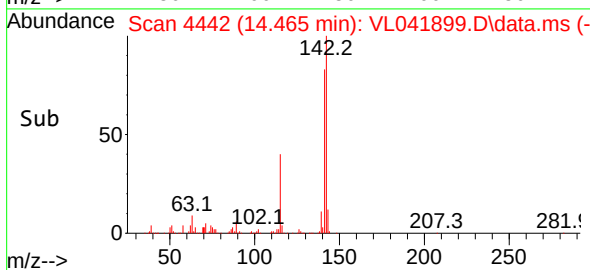
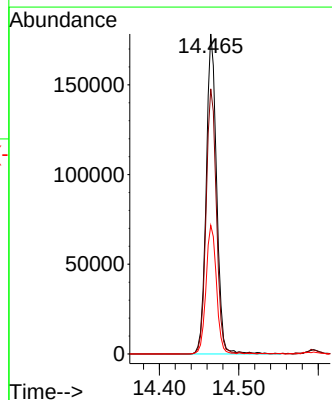
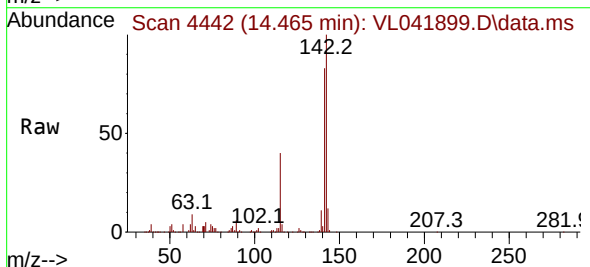
Instrument :
MSVOA_L
ClientSampleId :

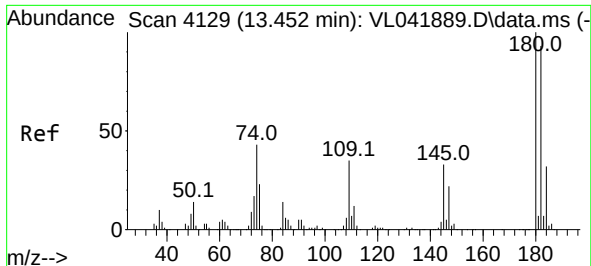
Tgt Ion:128 Resp: 468570
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.4 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 6.737 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

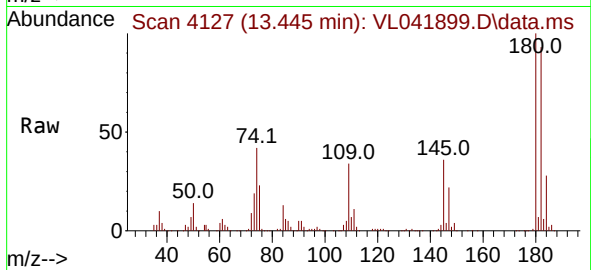
Tgt Ion:142 Resp: 163059
Ion Ratio Lower Upper
142 100
141 83.1 68.1 102.1
115 40.5 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 8.867 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 220953

Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.0	115.6
184	30.1	24.9	37.3

