

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041886.D
 Acq On : 10 Jan 2025 01:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 03:16:53 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	104825	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	313137	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	284767	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 234633 10.276 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	251226	14.598	ppbv	98
3) Chlorodifluoromethane	1.479	51	226059	11.959	ppbv	94
4) Chloromethane	1.538	50	87266	13.045	ppbv	92
5) Vinyl Chloride	1.583	62	89267	12.548	ppbv	97
6) Bromomethane	1.673	94	43354	12.930	ppbv	91
7) Chloroethane	1.709	64	36916	13.387	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	207460	13.866	ppbv	97
9) Propene	1.486	41	94368	10.699	ppbv	98
10) Heptane	4.994	43	257182	11.057	ppbv	99
11) Trichlorofluoromethane	1.884	101	258114	14.593	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	200105	13.985	ppbv	96
13) Ethanol	1.725	45	6097	10.884	ppbv	96
14) Bromoethene	1.787	108	71726	14.003	ppbv	97
15) Acetone	1.839	43	202795	11.471	ppbv	95
16) 1,3-Butadiene	1.612	39	92973	12.243	ppbv	99
17) tert-Butyl alcohol	2.046	59	264168	13.170	ppbv	98
18) 1,1-Dichloroethene	2.042	96	87753	13.552	ppbv	93
19) Isopropyl Alcohol	1.890	45	110904	11.935	ppbv	99
20) Methylene Chloride	2.068	84	73819	12.240	ppbv	96
21) Allyl Chloride	2.104	41	146282	12.931	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	98365	13.118	ppbv	97
23) Vinyl Acetate	2.470	43	94122	10.507	ppbv #	95
24) 1,1-Dichloroethane	2.418	63	192112	13.529	ppbv	99
25) Ethyl Acetate	2.845	43	511511	11.643	ppbv	99
26) Hexane	2.835	57	203956	11.286	ppbv	97
27) Carbon Disulfide	2.159	76	226261	13.071	ppbv	95
28) Methyl tert-Butyl Ether	2.450	73	154579	11.208	ppbv	100
29) Chloroform	2.858	83	322148	12.739	ppbv	96
30) Cyclohexane	3.871	84	182743	11.774	ppbv	96
31) cis-1,2-Dichloroethene	2.729	61	209909	11.885	ppbv	96
32) 1,1,1-Trichloroethane	3.379	97	326265	12.989	ppbv	99
34) 2-Butanone	2.564	43	298930	11.484	ppbv	99
35) Carbon Tetrachloride	3.777	117	323697	13.302	ppbv	97
36) Benzene	3.670	78	432392	11.903	ppbv	98
37) 1,2-Dichloroethane	3.230	62	251168	13.179	ppbv	99
38) Trichloroethene	4.567	130	175460	12.233	ppbv	96
39) 1,2-Dichloropropane	4.331	63	148232	11.470	ppbv	93
40) 1,4-Dioxane	4.603	88	69900	10.757	ppbv #	86
41) Tetrahydrofuran	3.062	42	166502	10.891	ppbv	98
42) Bromodichloromethane	4.509	83	339252	12.957	ppbv	98
43) Methyl Methacrylate	4.900	69	168111	11.300	ppbv	97
44) 2,2,4-Trimethylpentane	4.658	57	705019	11.489	ppbv	97
45) t-1,3-Dichloropropene	6.438	75	168096	11.040	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

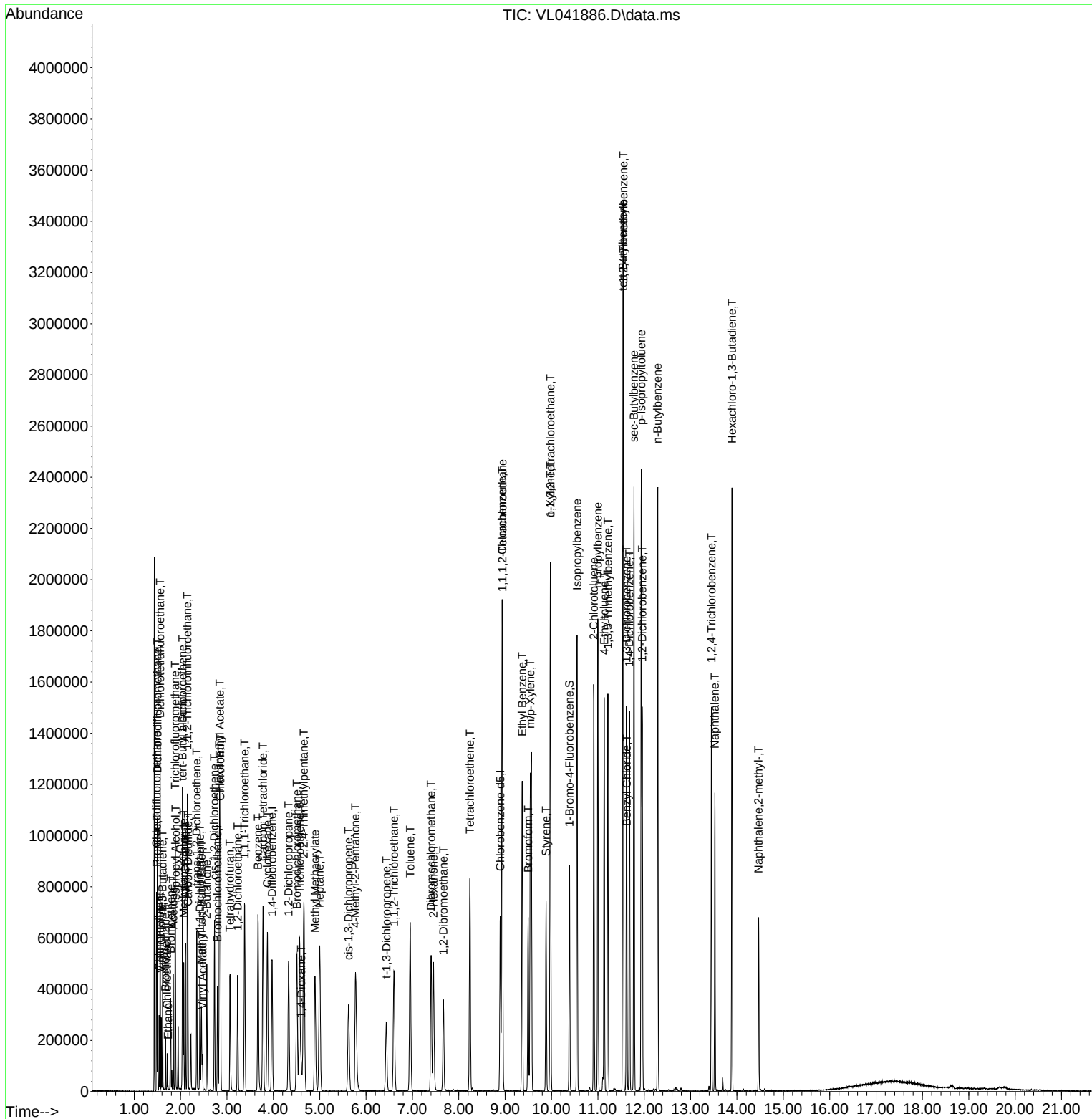
Instrument :
 MSVOA_L
 ClientSampleId :

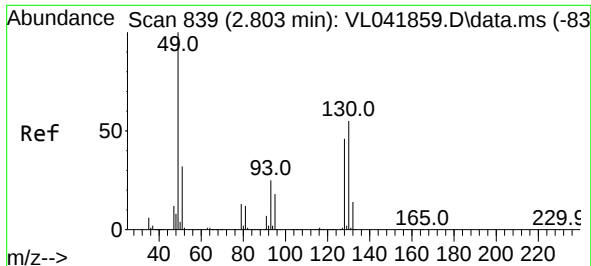
Quant Time: Jan 10 03:16:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	218539	11.186	ppbv	96
47) 1,1,2-Trichloroethane	6.603	97	161787	11.900	ppbv	96
48) Dibromochloromethane	7.402	129	270484	13.119	ppbv	99
49) Bromoform	9.496	173	223326	12.411	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	223203	6.009	ppbv #	48
51) 2-Hexanone	7.454	43	339404	11.108	ppbv	99
52) Tetrachloroethene	8.241	164	148483	10.668	ppbv	98
53) Toluene	6.952	91	496758	11.498	ppbv	100
54) 1,2-Dibromoethane	7.668	107	226012	12.224	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	214369	12.630	ppbv	100
57) Chlorobenzene	8.937	112	381424	12.013	ppbv	96
58) Ethyl Benzene	9.367	91	701315	11.978	ppbv	99
59) m/p-Xylene	9.545	91	611767	13.221	ppbv #	100
60) o-Xylene	9.975	91	556165	12.051	ppbv	100
61) Styrene	9.882	104	265161	11.506	ppbv	99
62) Isopropylbenzene	10.552	105	844067	12.147	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.975	83	326254	11.769	ppbv	99
64) n-propylbenzene	11.001	120	211670	11.691	ppbv	100
65) tert-Butylbenzene	11.542	119	758549	12.062	ppbv	99
66) Benzyl Chloride	11.626	91	53210	8.168	ppbv	99
67) sec-Butylbenzene	11.778	105	1031643	11.905	ppbv	99
69) p-Isopropyltoluene	11.937	119	876973	11.860	ppbv	98
70) n-Butylbenzene	12.290	91	859773	11.585	ppbv	100
71) 2-Chlorotoluene	10.911	91	630368	11.718	ppbv	99
72) 4-Ethyltoluene	11.137	105	681847	12.049	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	580168	12.075	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	621932	11.917	ppbv	96
75) 1,3-Dichlorobenzene	11.620	146	353298	11.293	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	353439	11.412	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	342899	11.595	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	247159	9.723	ppbv	100
79) Naphthalene	13.523	128	532813	9.477	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	187936	6.198	ppbv	97
81) 1,2,4-Trichlorobenzene	13.452	180	249442	9.318	ppbv	100

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

Quant Time: Jan 10 03:16:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

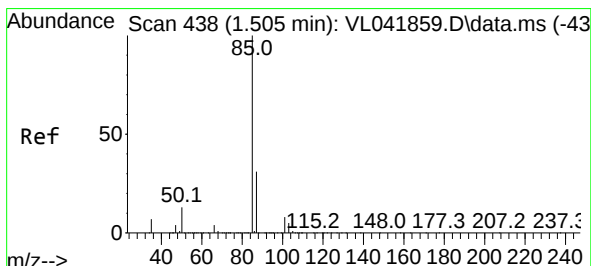
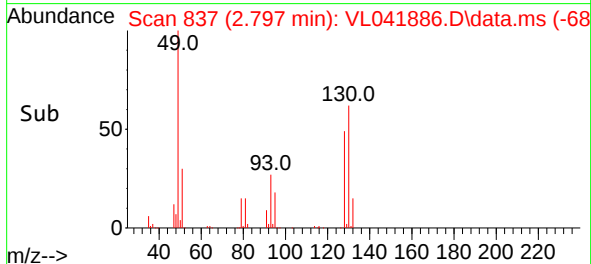
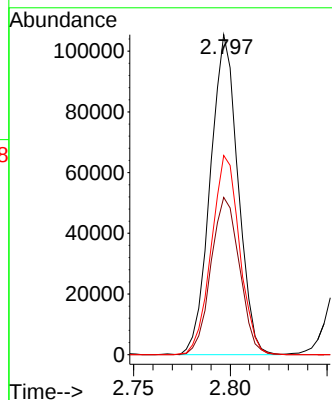
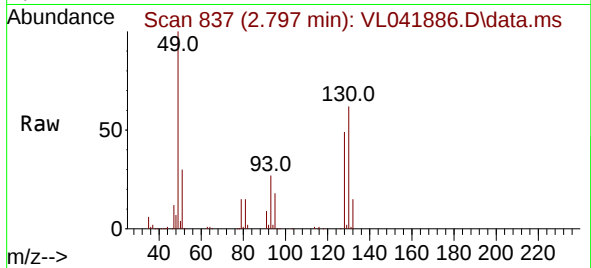




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

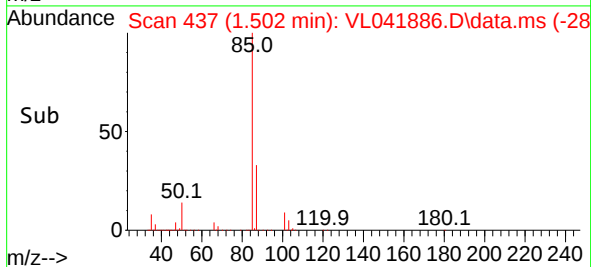
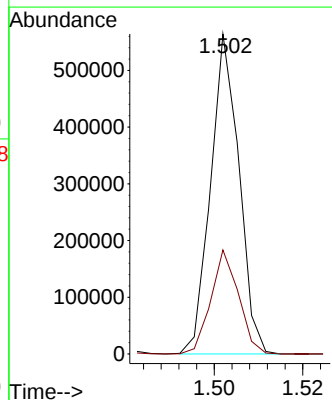
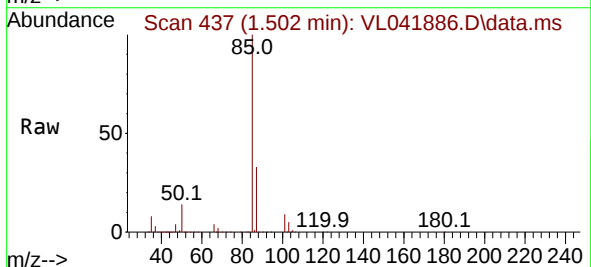
Instrument :
MSVOA_L
ClientSampleId :

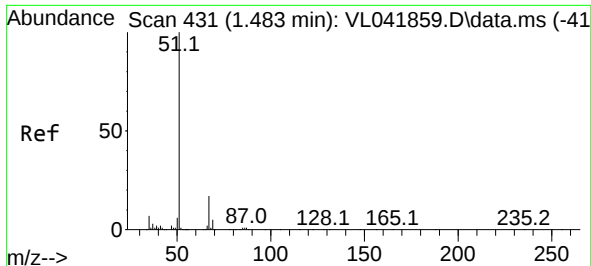
Tgt Ion: 49 Resp: 104825
Ion Ratio Lower Upper
49 100
128 50.6 23.2 69.5
130 63.4 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 14.598 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 85 Resp: 251226
Ion Ratio Lower Upper
85 100
87 32.5 25.2 37.8

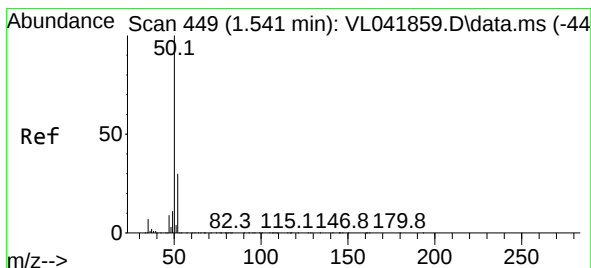
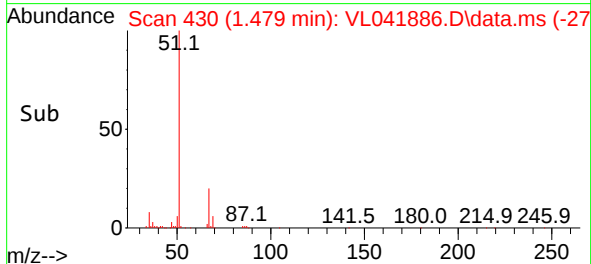
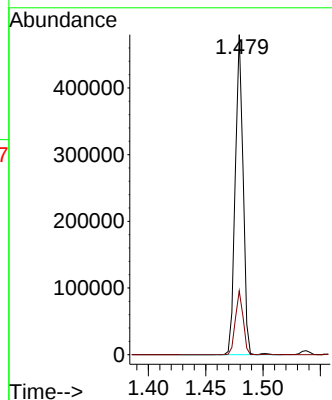
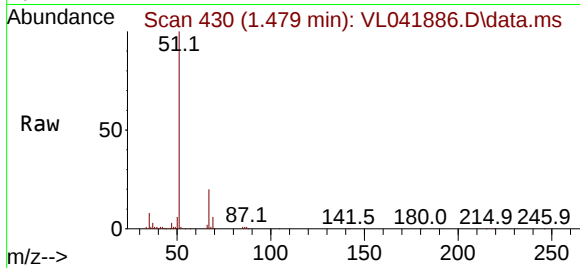




#3
Chlorodifluoromethane
Concen: 11.959 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

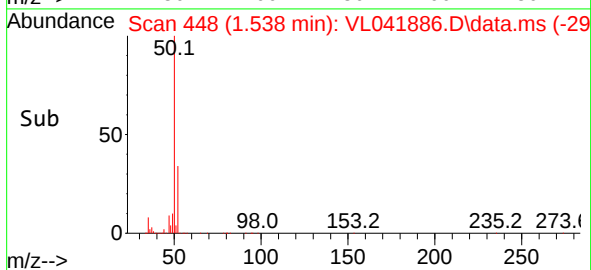
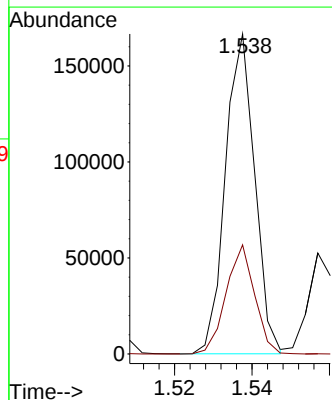
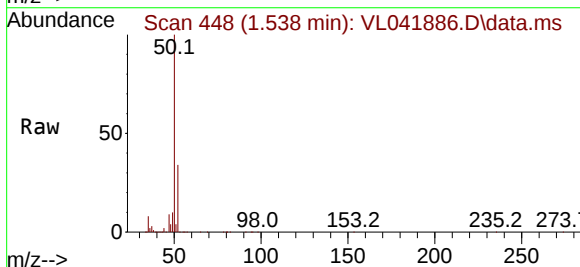
Instrument :
MSVOA_L
ClientSampleId :

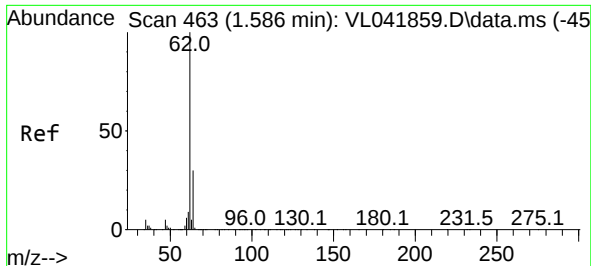
Tgt Ion: 51 Resp: 226059
Ion Ratio Lower Upper
51 100
67 19.9 13.8 20.8



#4
Chloromethane
Concen: 13.045 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 50 Resp: 87266
Ion Ratio Lower Upper
50 100
52 34.1 23.9 35.9

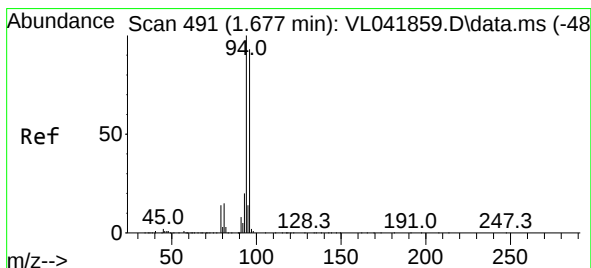
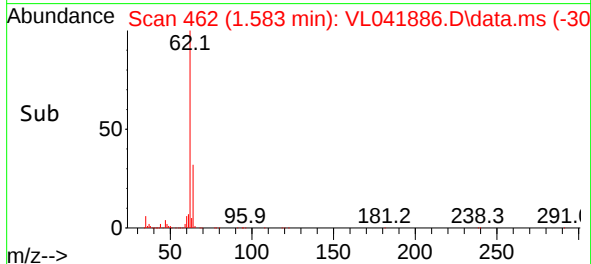
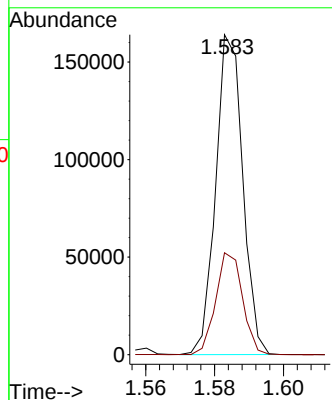
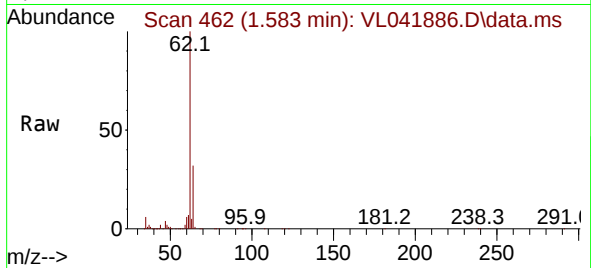




#5
 Vinyl Chloride
 Concen: 12.548 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

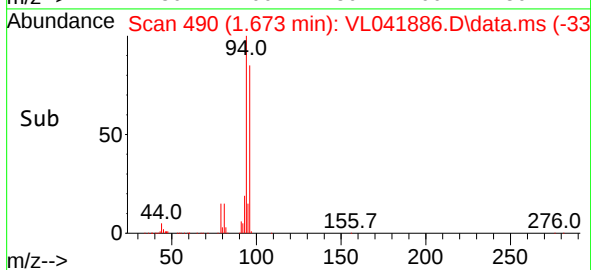
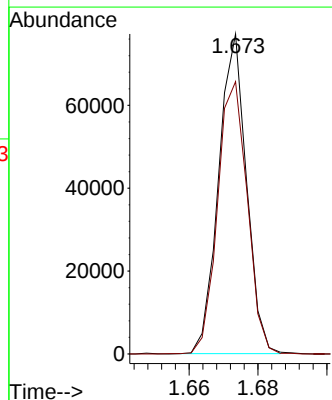
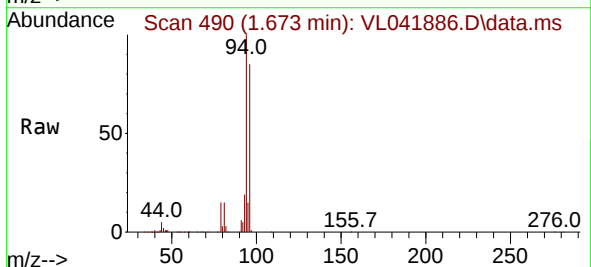
Instrument :
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 ClientSampleId :

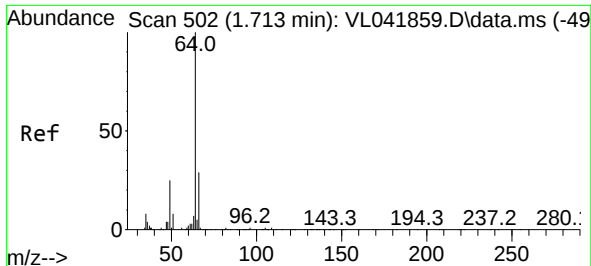
Tgt Ion: 62 Resp: 89267
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.1 36.1



#6
 Bromomethane
 Concen: 12.930 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion: 94 Resp: 43354
 Ion Ratio Lower Upper
 94 100
 96 85.1 74.8 112.2

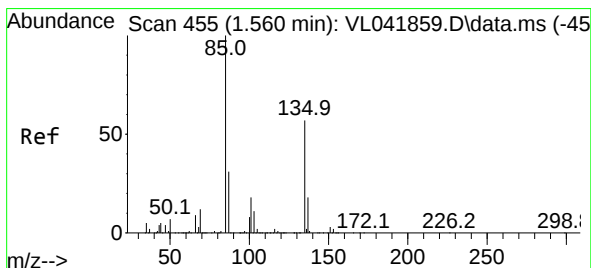
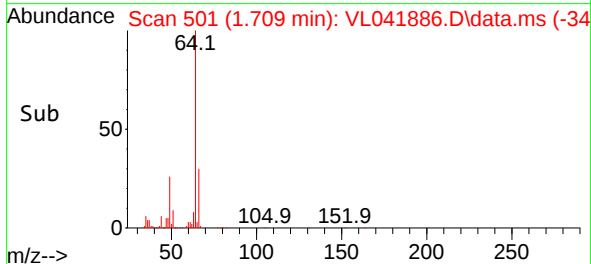
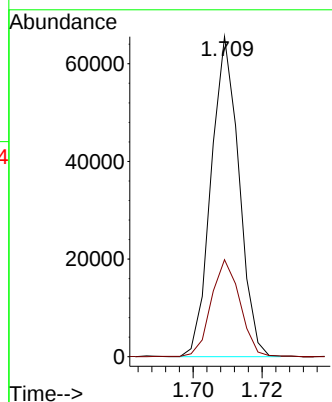
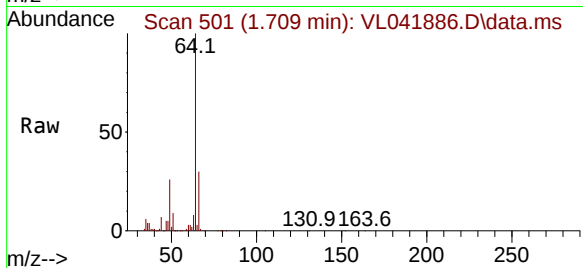




#7
Chloroethane
Concen: 13.387 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

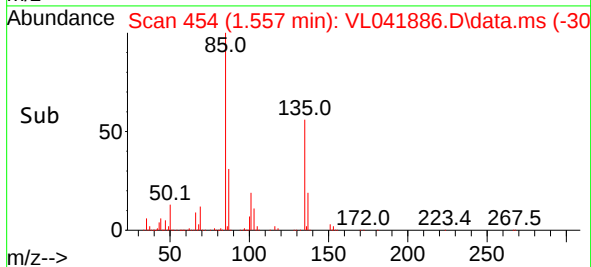
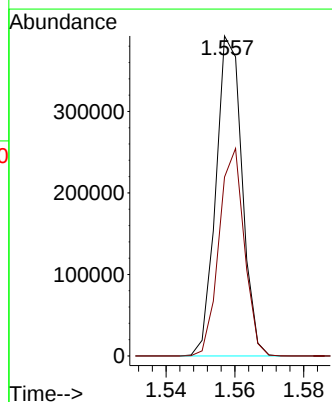
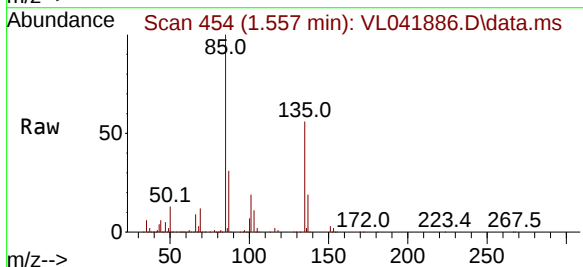
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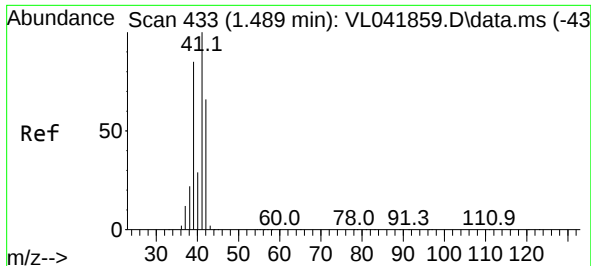
Tgt Ion: 64 Resp: 36916
Ion Ratio Lower Upper
64 100
66 30.3 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 13.866 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 85 Resp: 207460
Ion Ratio Lower Upper
85 100
135 62.7 52.2 78.4

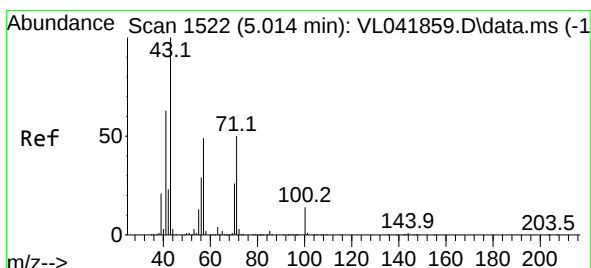
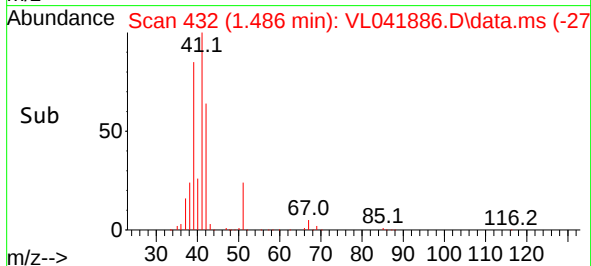
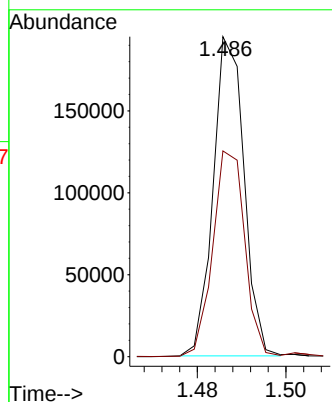
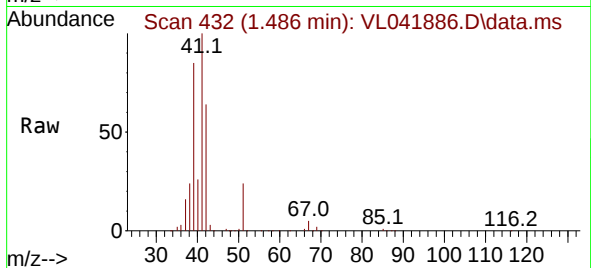




#9
Propene
Concen: 10.699 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

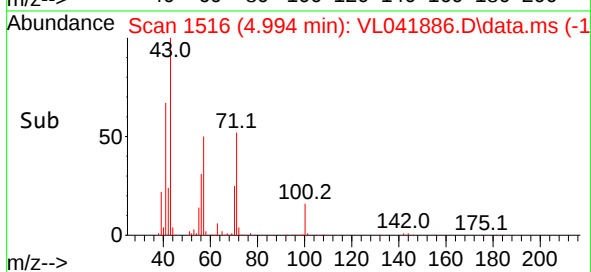
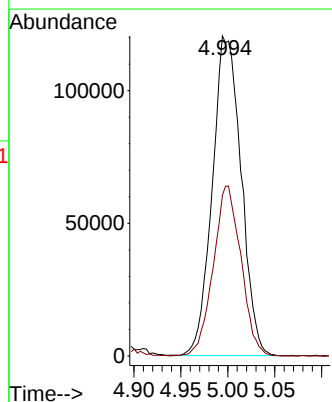
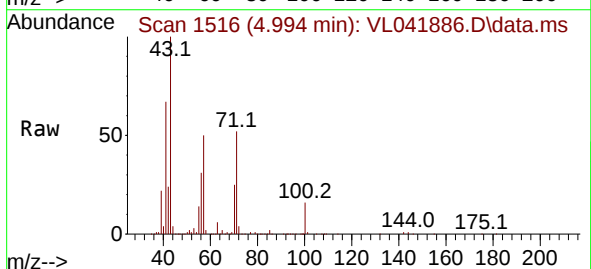
Instrument :
MSVOA_L
ClientSampleId :

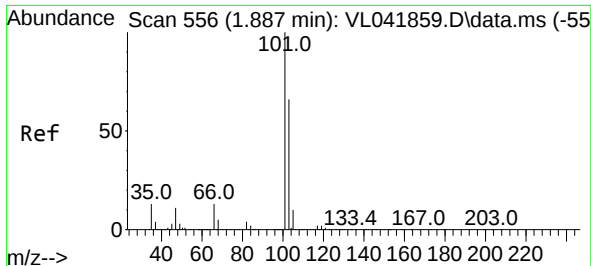
Tgt Ion: 41 Resp: 94368
Ion Ratio Lower Upper
41 100
42 67.8 53.0 79.6



#10
Heptane
Concen: 11.057 ppbv
RT: 4.994 min Scan# 1516
Delta R.T. -0.020 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

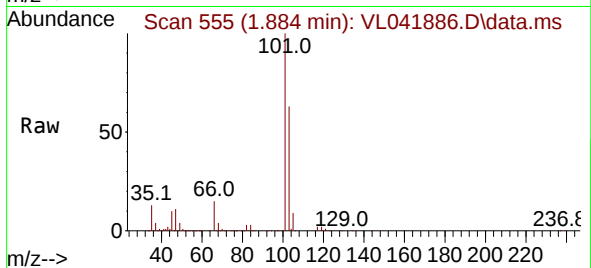
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Ion Ratio Lower Upper
43 100
57 51.1 40.2 60.2



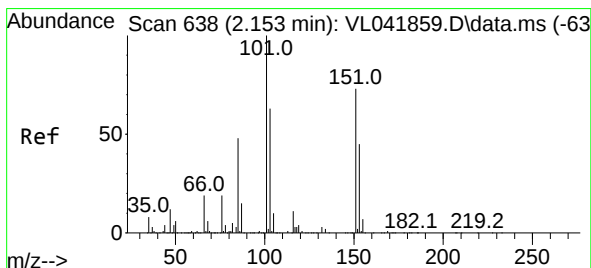
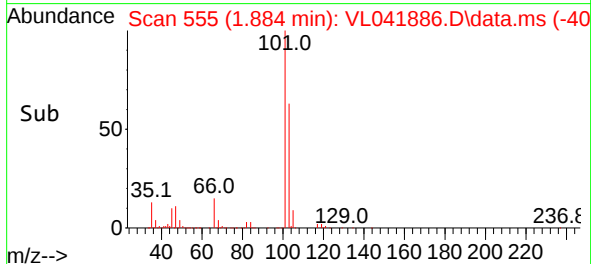
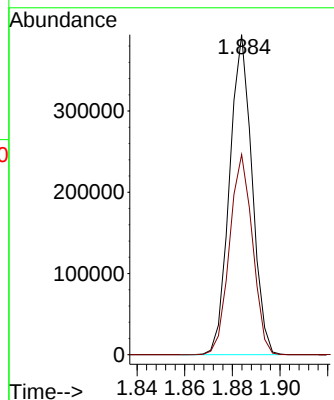


#11
 Trichlorofluoromethane
 Concen: 14.593 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Instrument :
 MSVOA_L
 ClientSampleId :

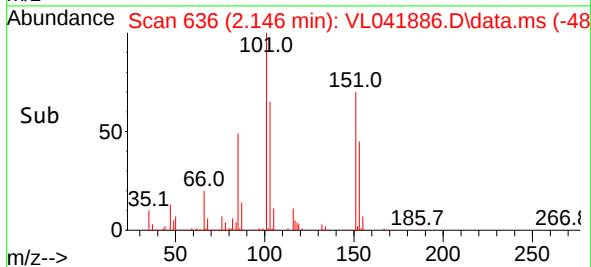
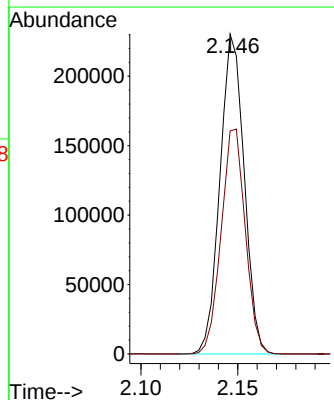
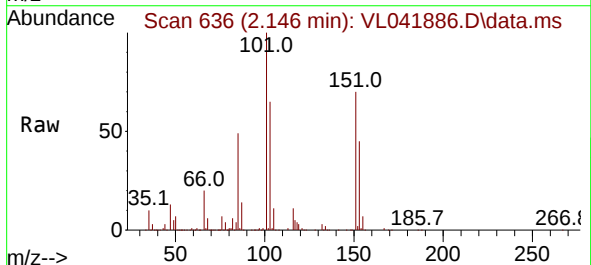


Tgt Ion:101 Resp: 258114
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.985 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion:101 Resp: 200105
 Ion Ratio Lower Upper
 101 100
 151 70.5 59.4 89.0

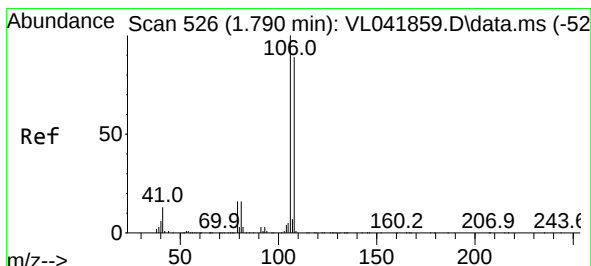
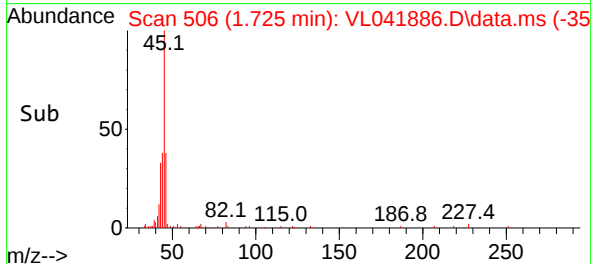
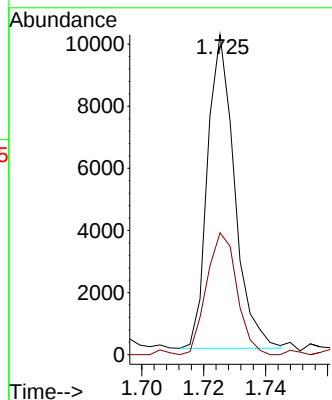
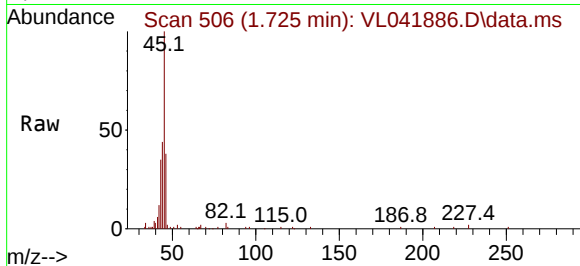




#13
Ethanol
Concen: 10.884 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

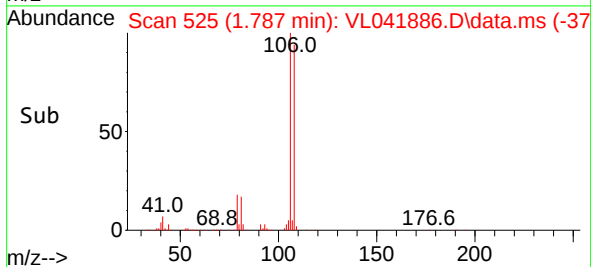
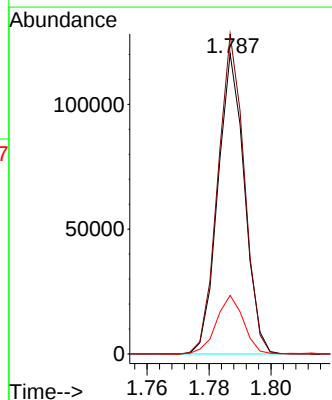
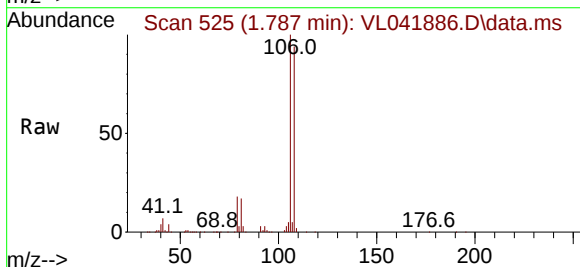
Instrument :
MSVOA_L
ClientSampleId :

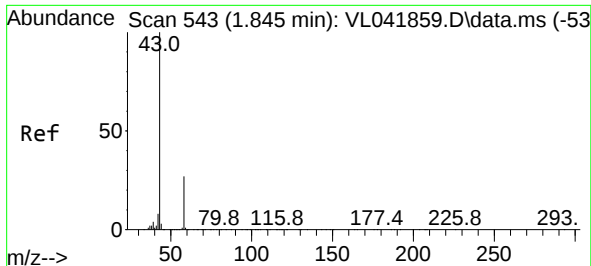
Tgt Ion: 45 Resp: 6097
Ion Ratio Lower Upper
45 100
46 45.1 19.0 76.0



#14
Bromoethene
Concen: 14.003 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 108 Resp: 71726
Ion Ratio Lower Upper
108 100
106 105.7 86.9 130.3
79 20.7 15.6 23.4

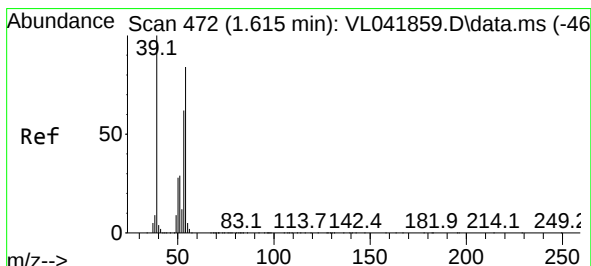
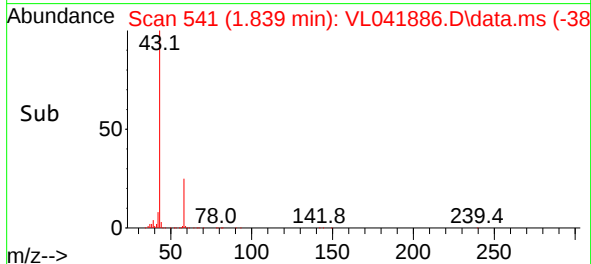
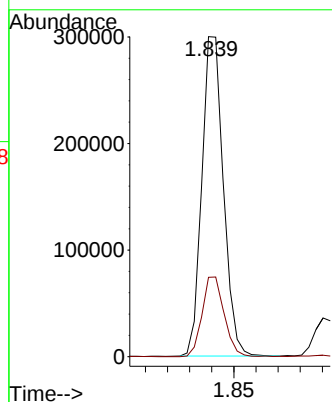
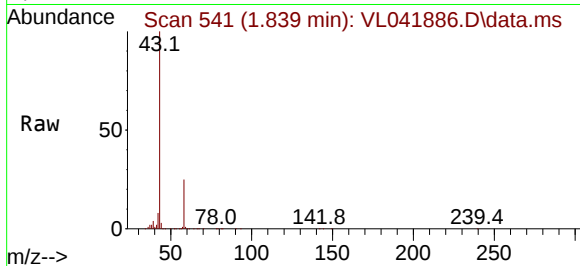




#15
Acetone
Concen: 11.471 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

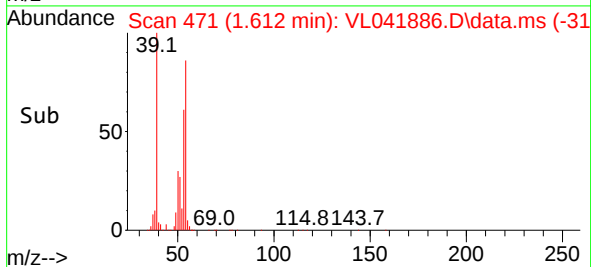
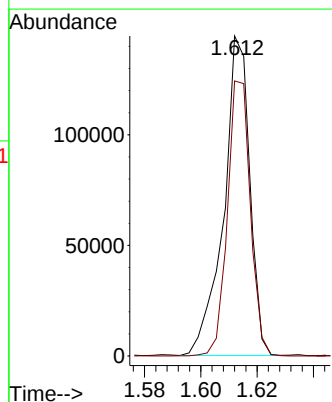
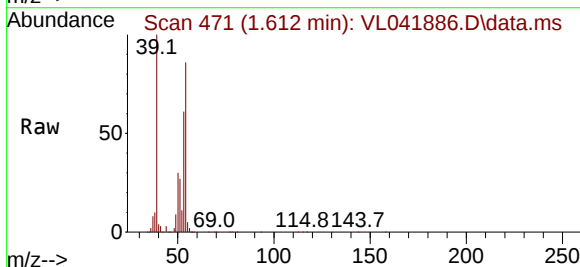
Instrument :
MSVOA_L
ClientSampleId :

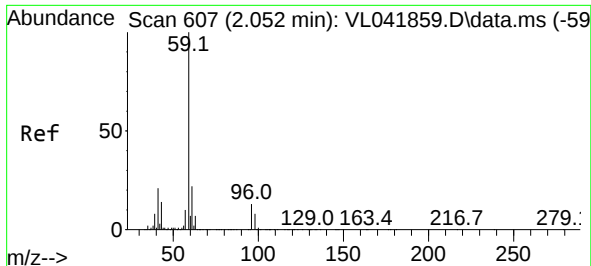
Tgt Ion: 43 Resp: 202795
Ion Ratio Lower Upper
43 100
58 25.7 22.7 34.1



#16
1,3-Butadiene
Concen: 12.243 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 39 Resp: 92973
Ion Ratio Lower Upper
39 100
54 75.8 60.1 90.1





#17

tert-Butyl alcohol

Concen: 13.170 ppbv

RT: 2.046 min Scan# 60

Delta R.T. -0.007 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

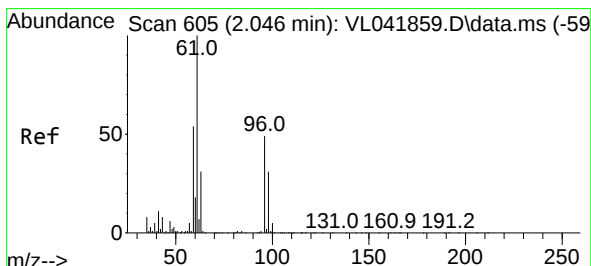
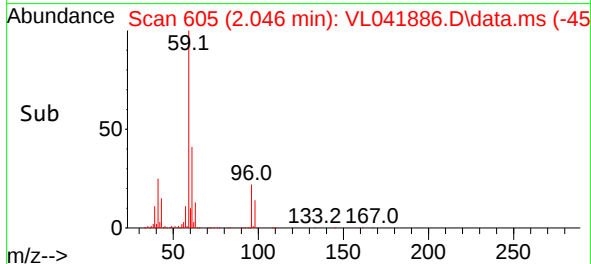
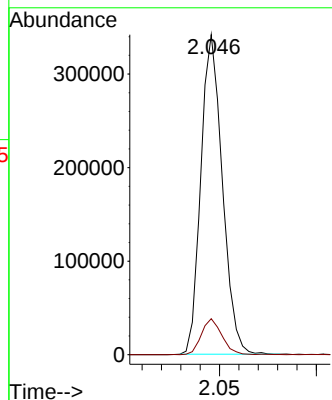
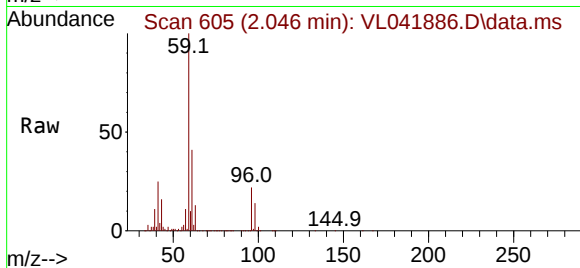
ClientSampleId :

Tgt Ion: 59 Resp: 264168

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.4



#18

1,1-Dichloroethene

Concen: 13.552 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

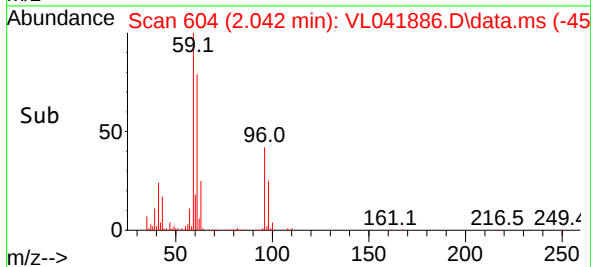
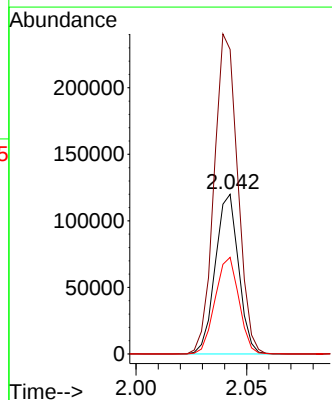
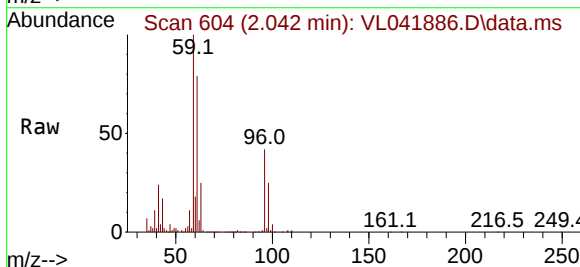
Tgt Ion: 96 Resp: 87753

Ion Ratio Lower Upper

96 100

61 190.5 161.7 242.5

98 60.5 51.0 76.4

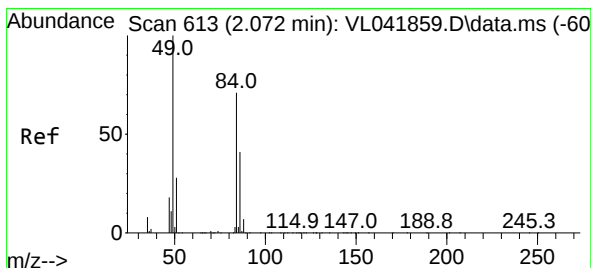
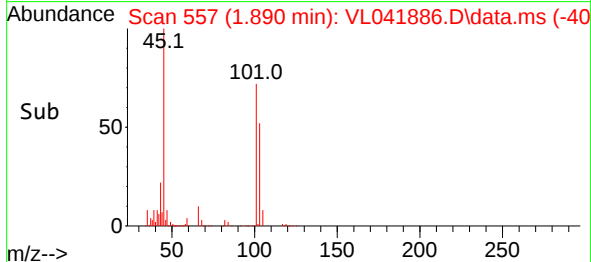
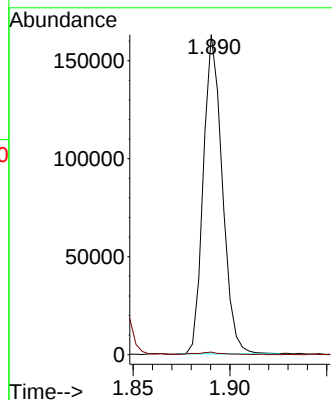
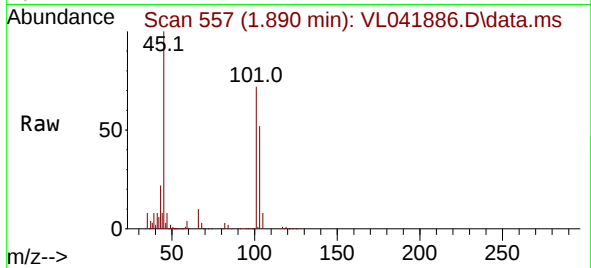




#19
Isopropyl Alcohol
Concen: 11.935 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

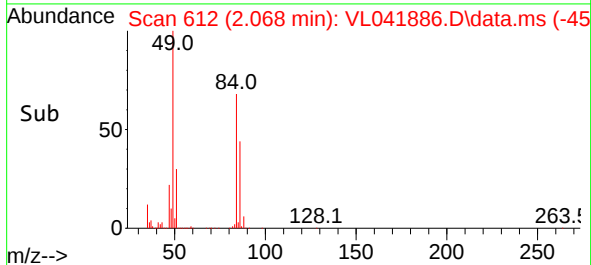
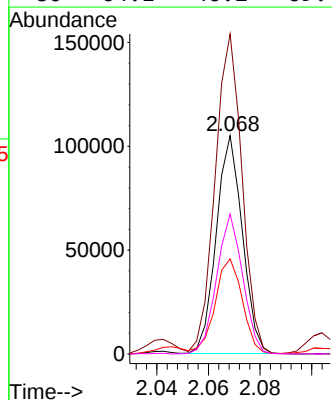
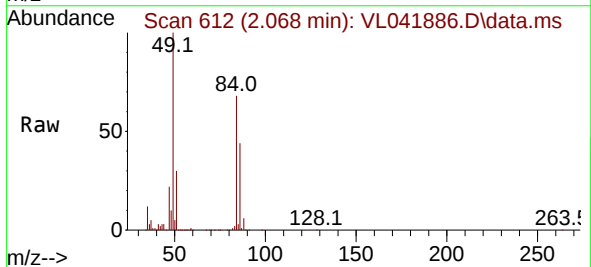
Instrument :
MSVOA_L
ClientSampleId :

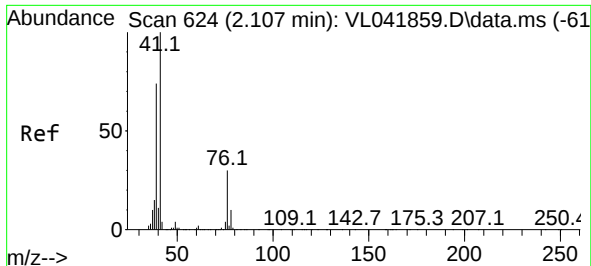
Tgt Ion: 45 Resp: 110904
Ion Ratio Lower Upper
45 100
58 47.1 37.0 55.6



#20
Methylene Chloride
Concen: 12.240 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 84 Resp: 73819
Ion Ratio Lower Upper
84 100
49 146.6 113.8 170.8
51 43.4 33.5 50.3
86 64.1 46.2 69.4





#21

Allyl Chloride

Concen: 12.931 ppbv

RT: 2.104 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

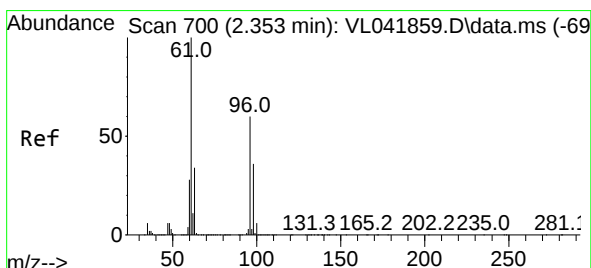
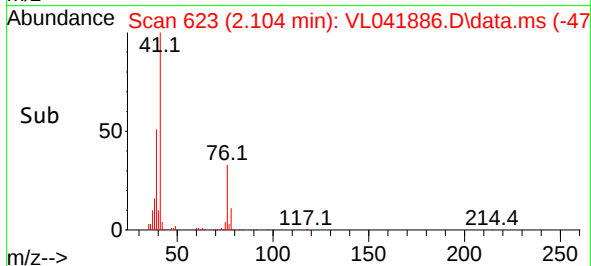
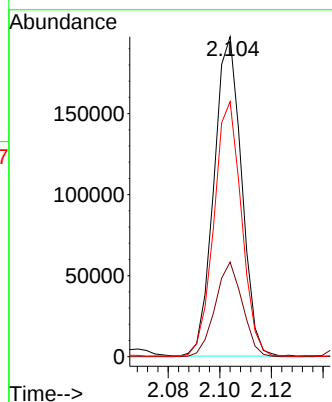
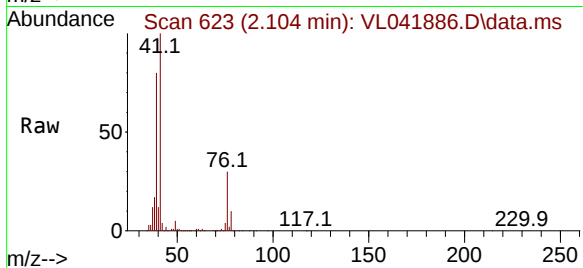
Tgt Ion: 41 Resp: 146282

Ion Ratio Lower Upper

41 100

76 29.2 24.6 36.8

39 79.1 60.1 90.1



#22

trans-1,2-Dichloroethene

Concen: 13.118 ppbv

RT: 2.350 min Scan# 699

Delta R.T. -0.003 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

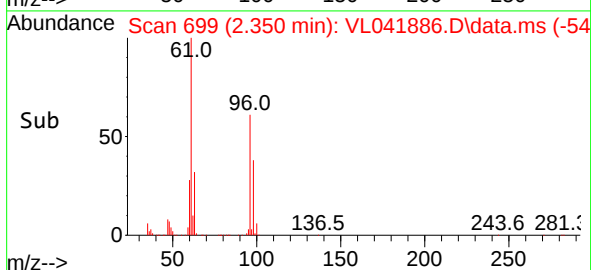
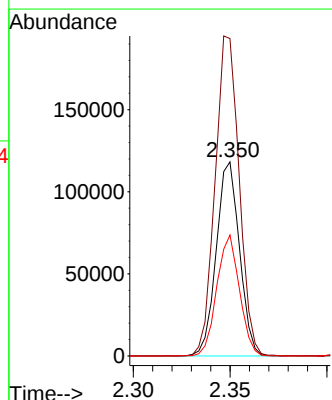
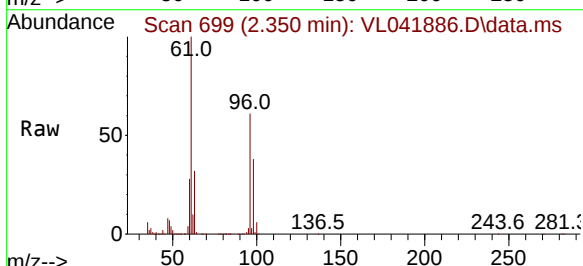
Tgt Ion: 96 Resp: 98365

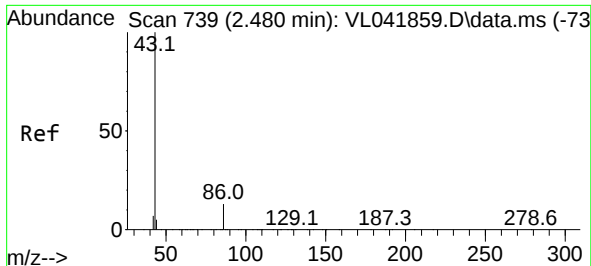
Ion Ratio Lower Upper

96 100

61 163.6 134.2 201.4

98 62.2 49.0 73.4

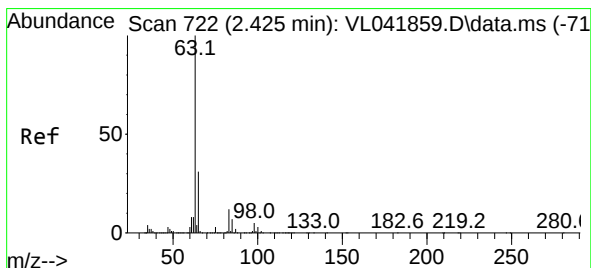
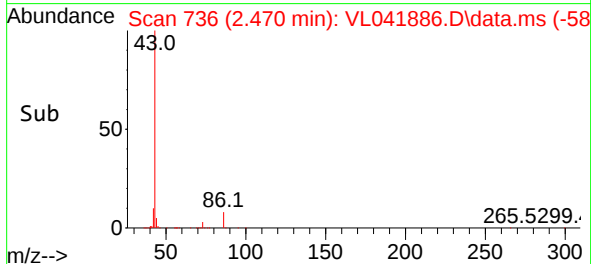
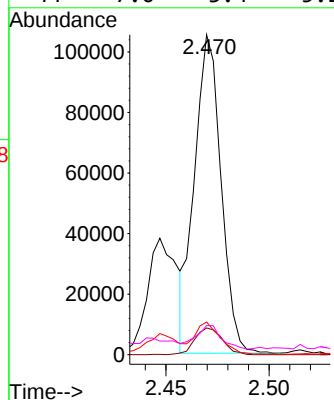
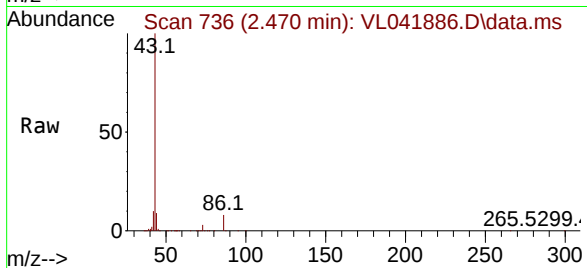




#23
 Vinyl Acetate
 Concen: 10.507 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

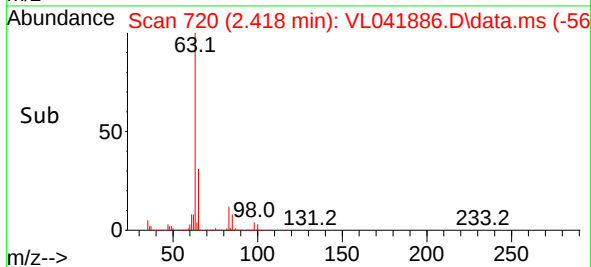
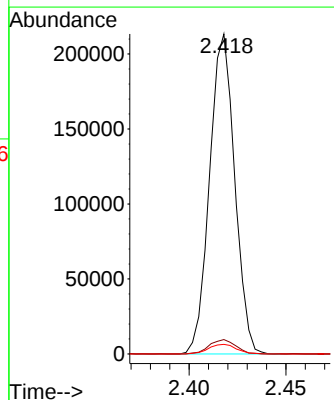
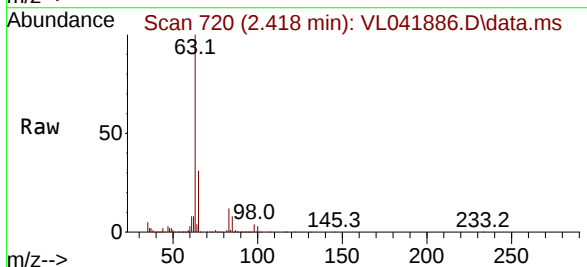
Instrument :
 MSVOA_L
 ClientSampleId :

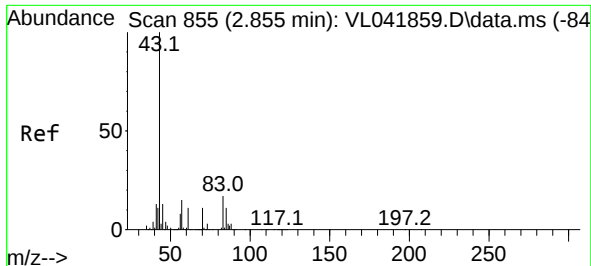
Tgt Ion: 43	Resp: 94122
Ion Ratio	Lower Upper
43 100	
86 8.4	7.8 11.6
42 10.2	7.0 10.4
44 7.0	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 13.529 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

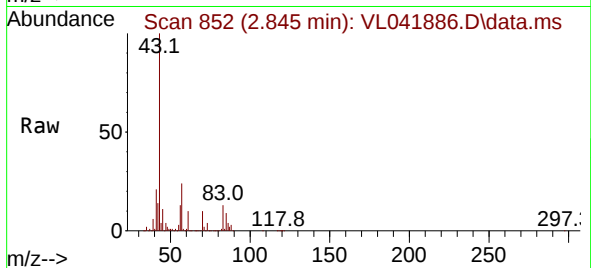
Tgt Ion: 63	Resp: 192112
Ion Ratio	Lower Upper
63 100	
98 4.5	2.3 6.9
100 3.0	1.3 3.8



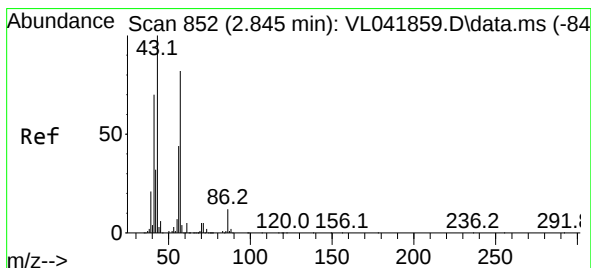
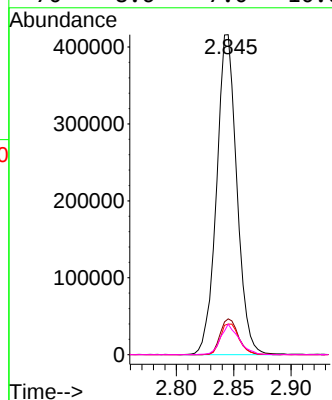
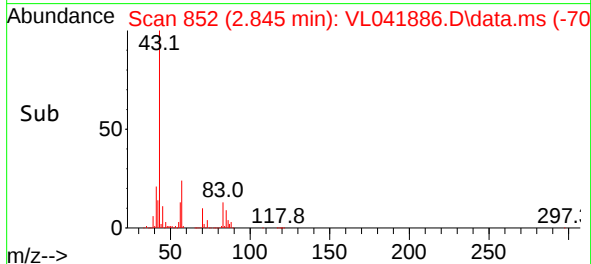


#25
Ethyl Acetate
Concen: 11.643 ppbv
RT: 2.845 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

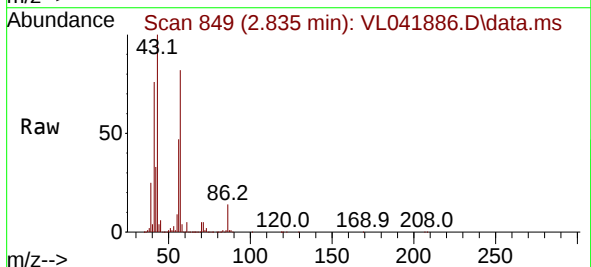
Instrument :
MSVOA_L
ClientSampleId :



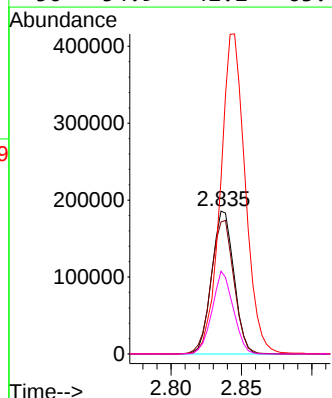
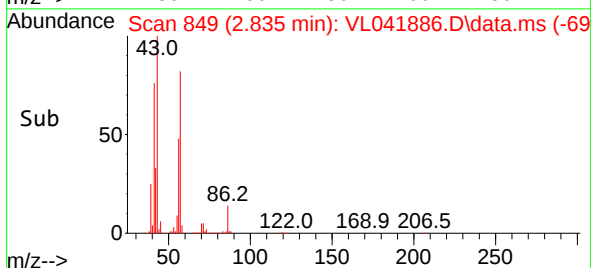
Tgt Ion: 43	Resp: 511511
Ion Ratio	Lower Upper
43 100	
45 10.1	8.4 12.6
61 8.9	7.3 10.9
70 8.6	7.0 10.6

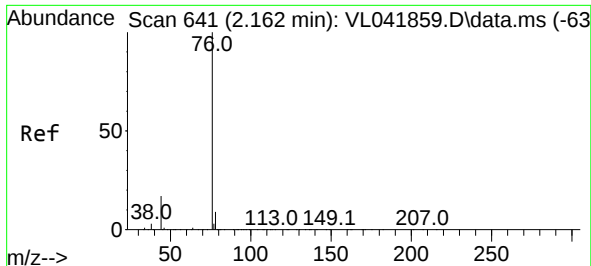


#26
Hexane
Concen: 11.286 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48



Tgt	Ion: 57	Resp:	203956
Ion	Ratio	Lower	Upper
57	100		
41	96.3	71.5	107.3
43	251.6	200.2	300.4
56	54.9	42.2	63.4

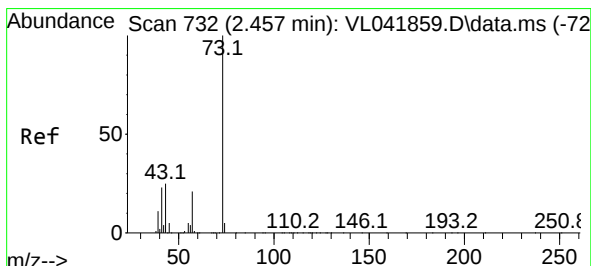
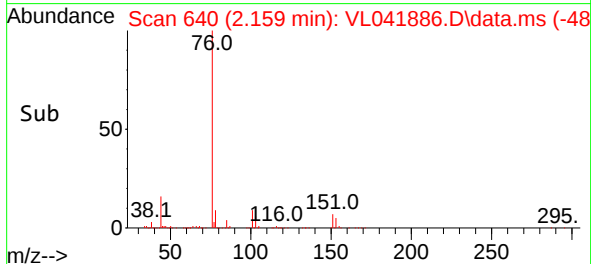
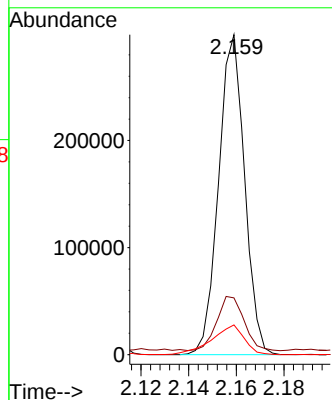
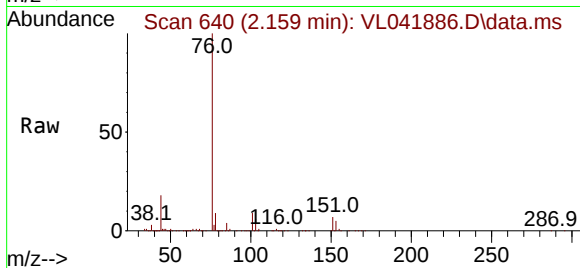




#27
Carbon Disulfide
Concen: 13.071 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

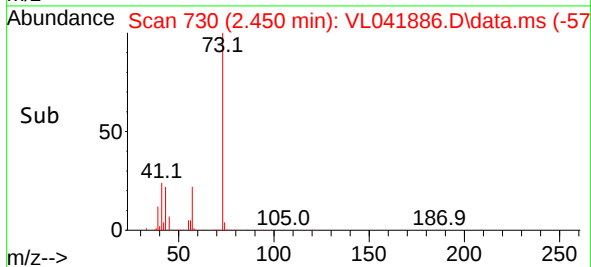
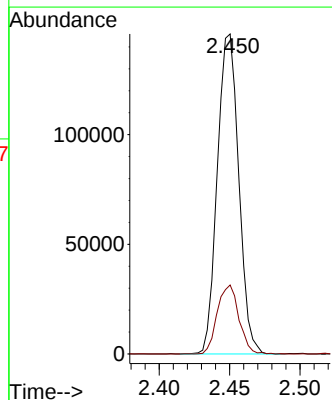
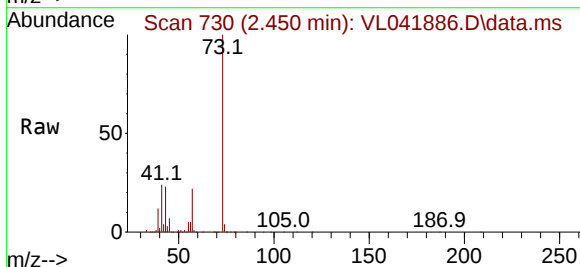
Instrument :
MSVOA_L
ClientSampleId :

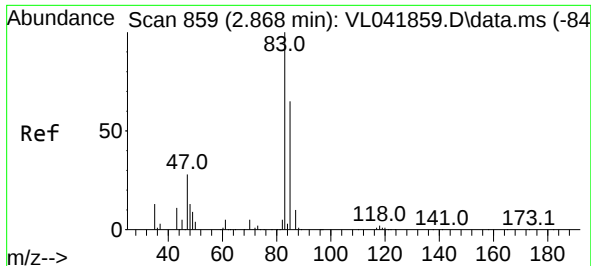
Tgt Ion: 76 Resp: 226261
Ion Ratio Lower Upper
76 100
44 19.6 13.1 19.7
78 11.7 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 11.208 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 73 Resp: 154579
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3





#29

Chloroform

Concen: 12.739 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

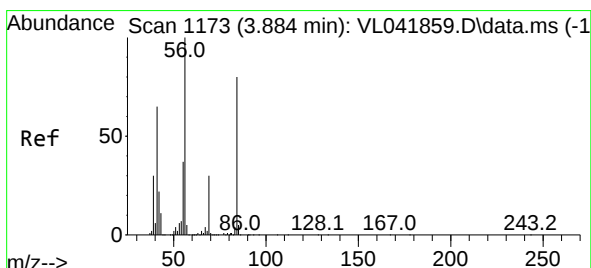
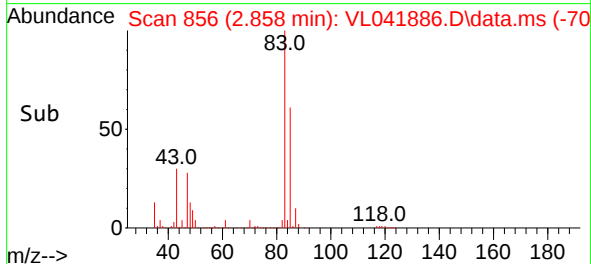
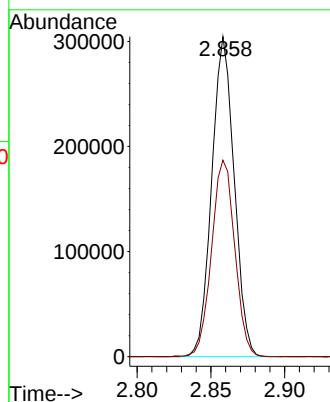
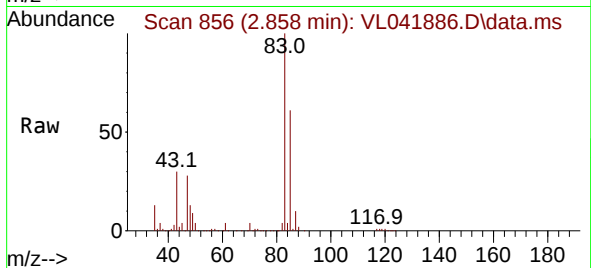
ClientSampleId :

Tgt Ion: 83 Resp: 322148

Ion Ratio Lower Upper

83 100

85 61.4 51.7 77.5



#30

Cyclohexane

Concen: 11.774 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.013 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

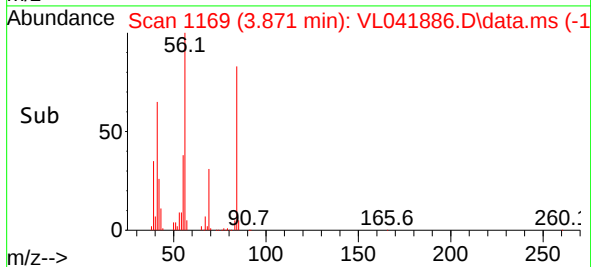
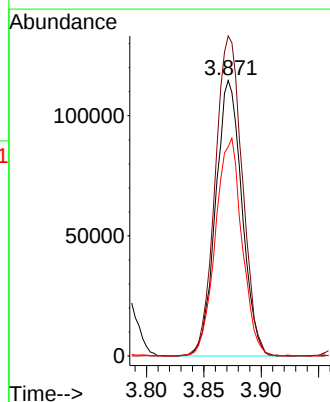
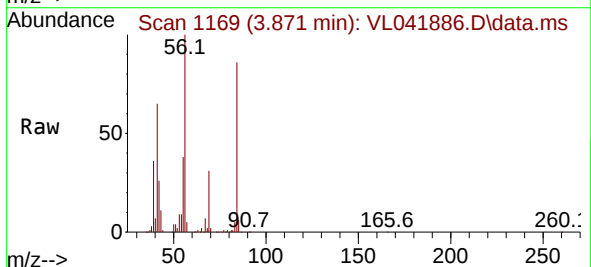
Tgt Ion: 84 Resp: 182743

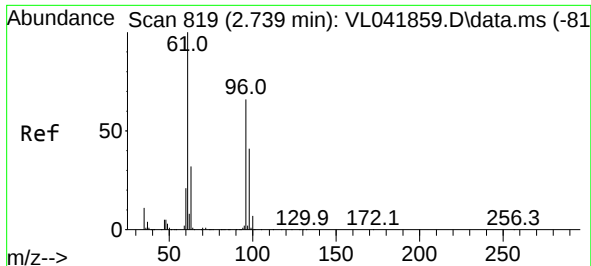
Ion Ratio Lower Upper

84 100

56 119.8 100.7 151.1

41 79.8 62.8 94.2

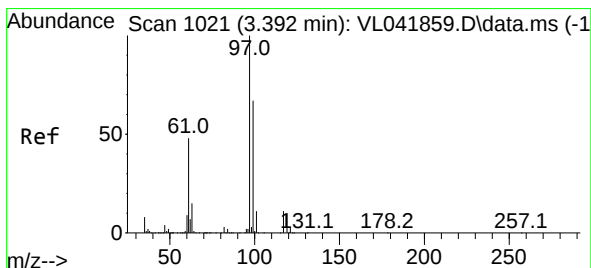
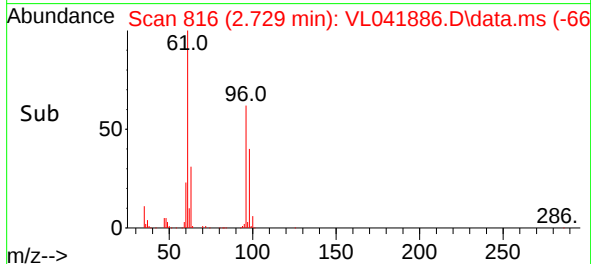
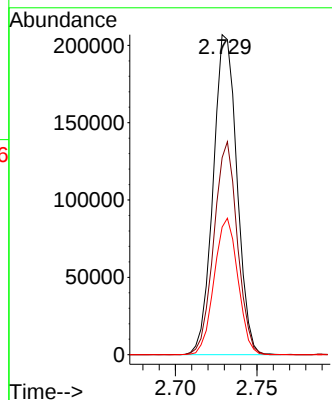
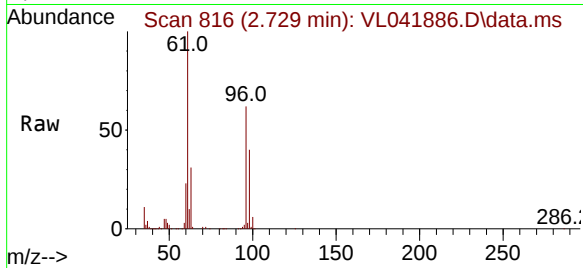




#31
 cis-1,2-Dichloroethene
 Concen: 11.885 ppbv
 RT: 2.729 min Scan# 819
 Delta R.T. -0.010 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

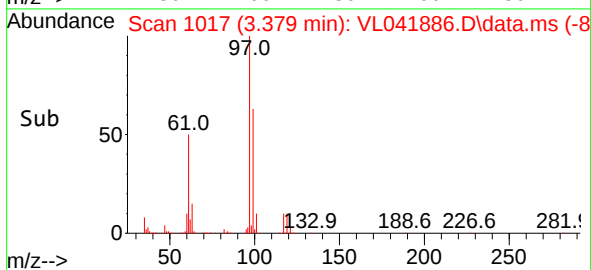
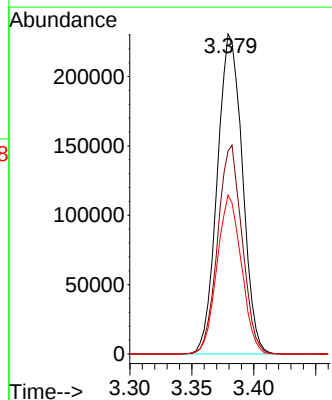
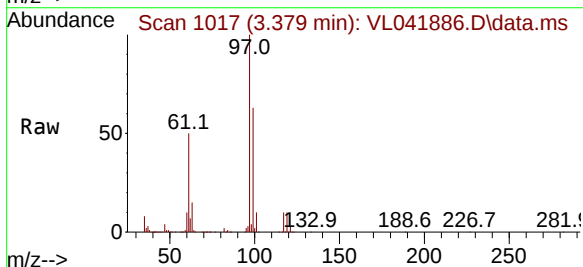
Instrument :
 MSVOA_L
 ClientSampleId :

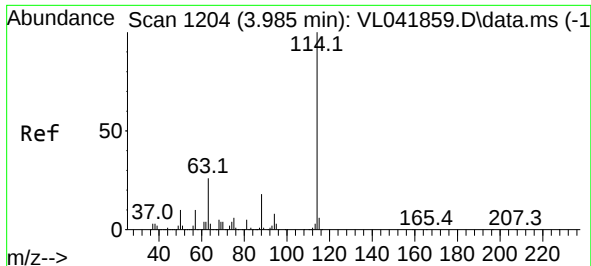
Tgt Ion: 61 Resp: 209909
 Ion Ratio Lower Upper
 61 100
 96 61.5 53.2 79.8
 98 39.8 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 12.989 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.013 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion: 97 Resp: 326265
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.0 78.0
 61 48.4 38.8 58.2

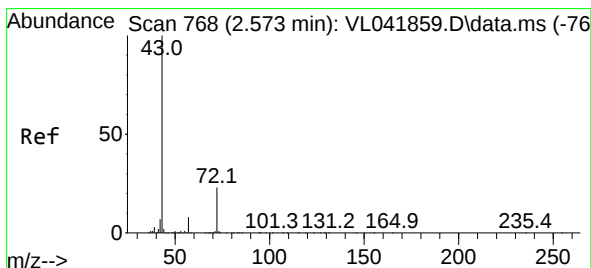
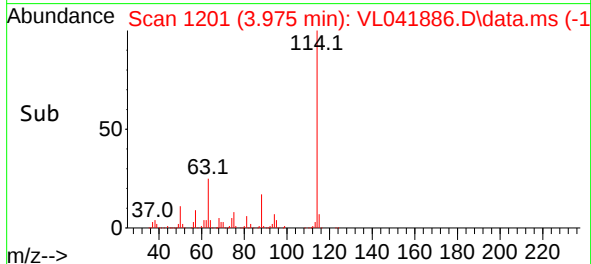
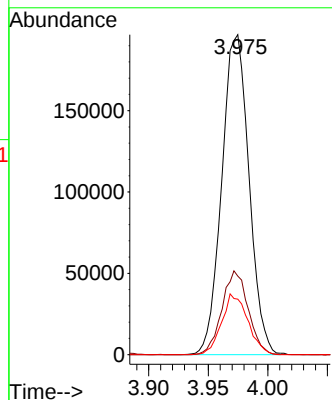
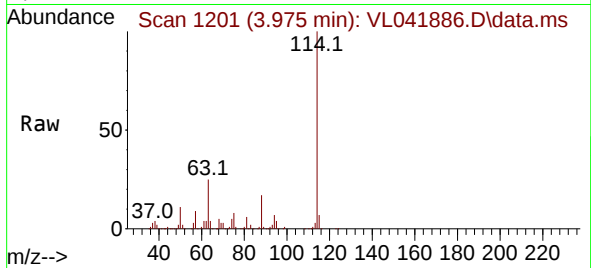




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 114
 Delta R.T. -0.010 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

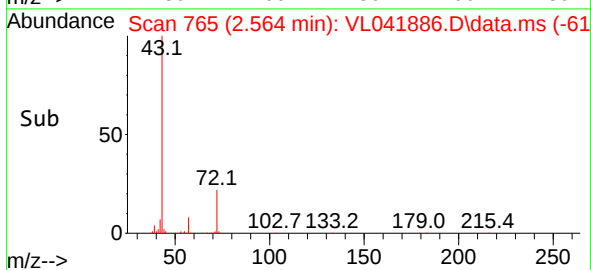
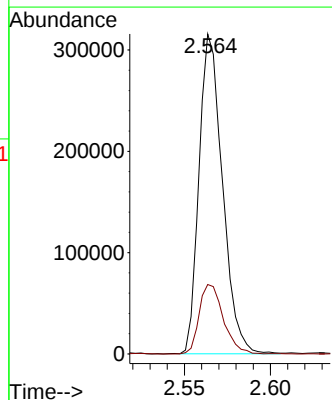
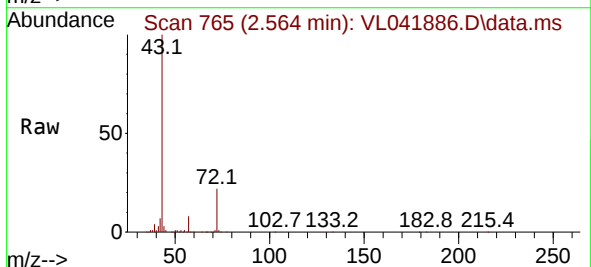
Instrument :
 MSVOA_L
 ClientSampleId :

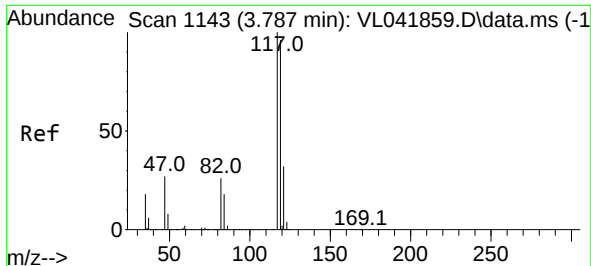
Tgt Ion:114 Resp: 313137
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.3 30.5
 88 18.2 14.6 21.8



#34
 2-Butanone
 Concen: 11.484 ppbv
 RT: 2.564 min Scan# 765
 Delta R.T. -0.010 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion: 43 Resp: 298930
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.5 27.7

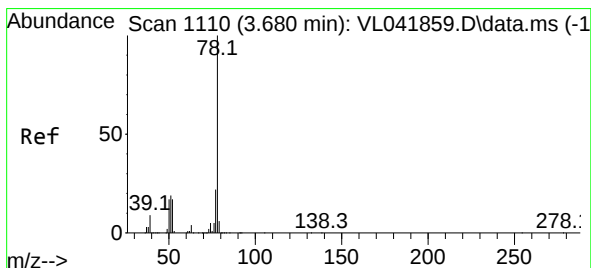
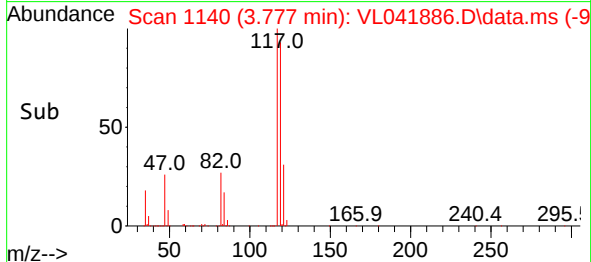
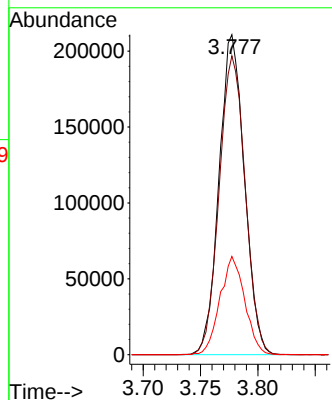
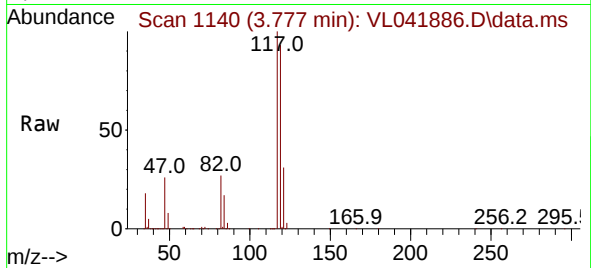




#35
Carbon Tetrachloride
Concen: 13.302 ppbv
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

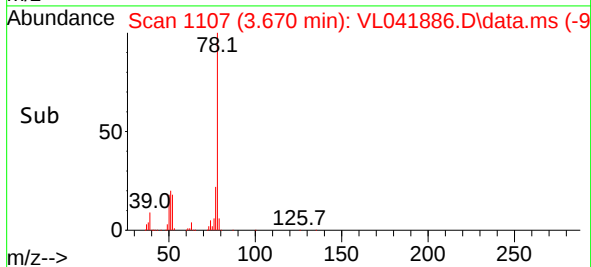
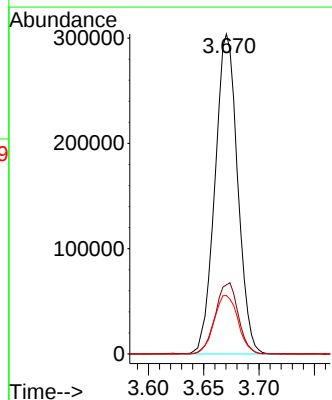
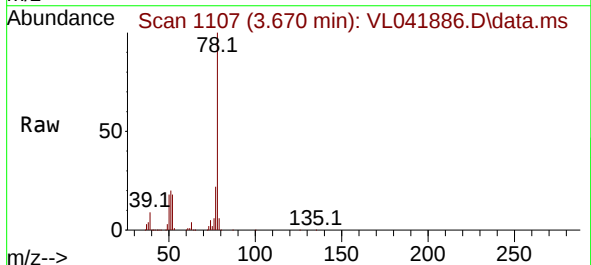
Instrument :
MSVOA_L
ClientSampleId :

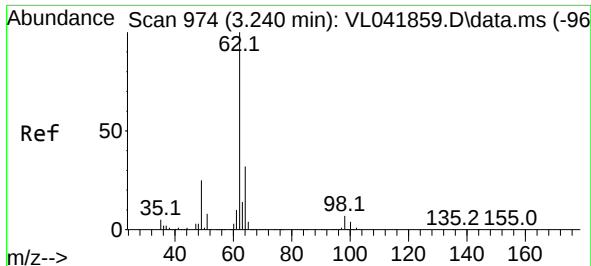
Tgt Ion:117 Resp: 323697
Ion Ratio Lower Upper
117 100
119 93.4 76.9 115.3
121 30.7 25.9 38.9



#36
Benzene
Concen: 11.903 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 78 Resp: 432392
Ion Ratio Lower Upper
78 100
77 21.6 17.9 26.9
50 18.2 13.7 20.5





#37

1,2-Dichloroethane

Concen: 13.179 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

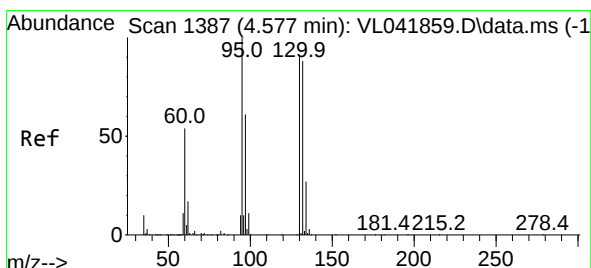
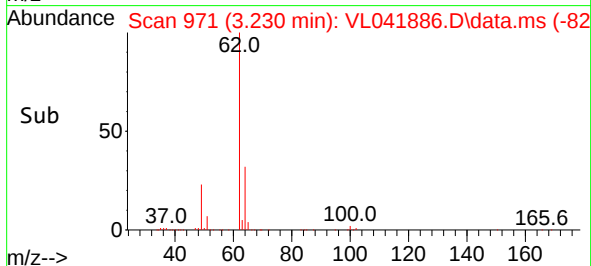
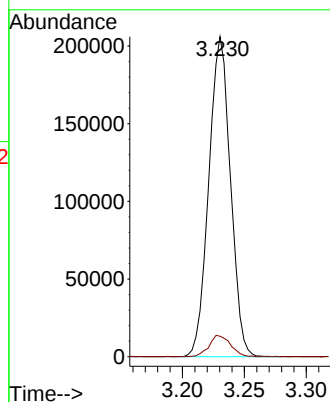
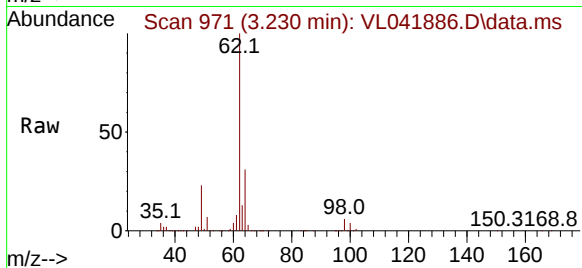
ClientSampleId :

Tgt Ion: 62 Resp: 251168

Ion Ratio Lower Upper

62 100

98 6.6 5.6 8.4



#38

Trichloroethene

Concen: 12.233 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Tgt Ion:130 Resp: 175460

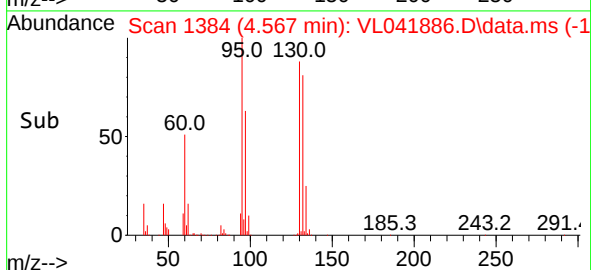
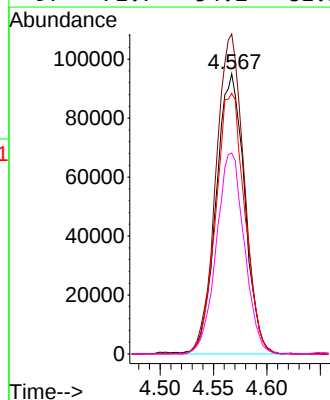
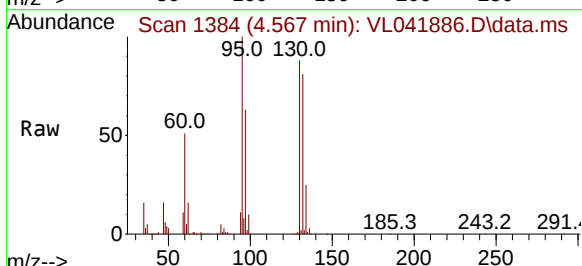
Ion Ratio Lower Upper

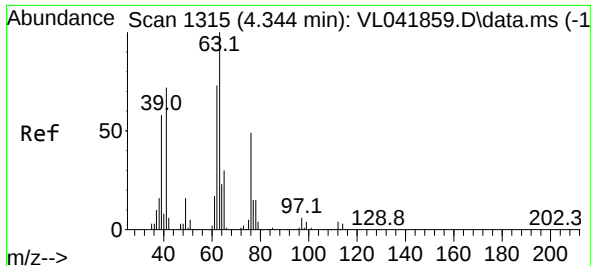
130 100

95 114.1 88.5 132.7

132 92.9 78.2 117.2

97 71.7 54.2 81.2





#39

1,2-Dichloropropane

Concen: 11.470 ppbv

RT: 4.331 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

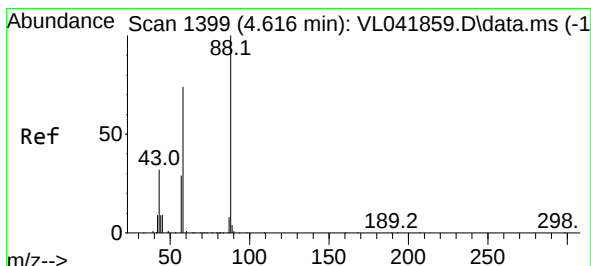
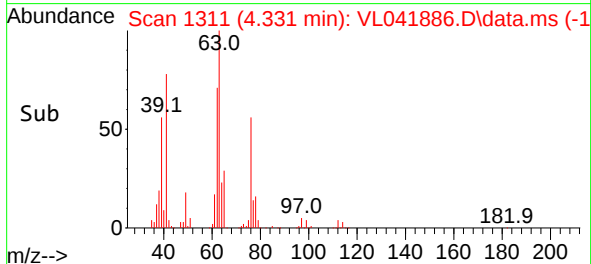
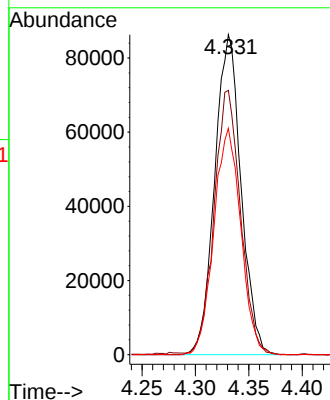
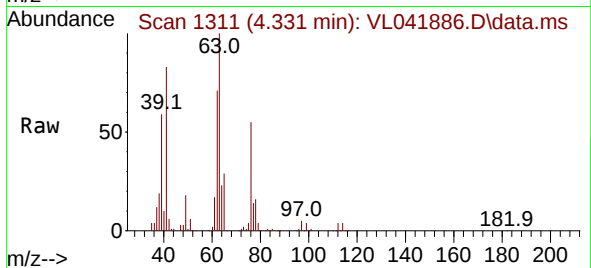
Tgt Ion: 63 Resp: 148232

Ion Ratio Lower Upper

63 100

41 82.6 58.0 87.0

62 70.8 58.6 87.8



#40

1,4-Dioxane

Concen: 10.757 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. -0.013 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Tgt Ion: 88 Resp: 69900

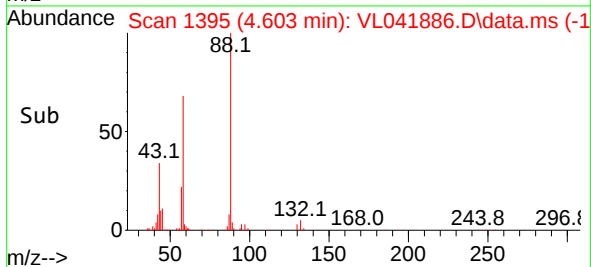
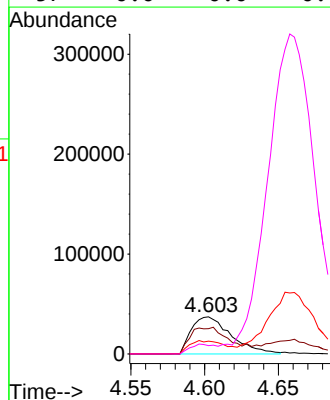
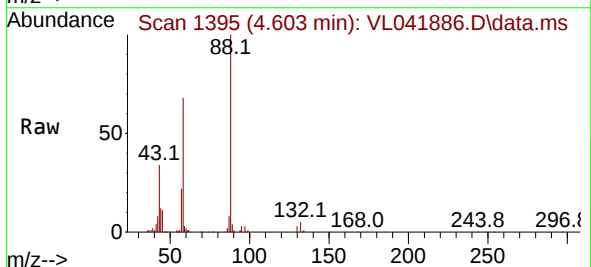
Ion Ratio Lower Upper

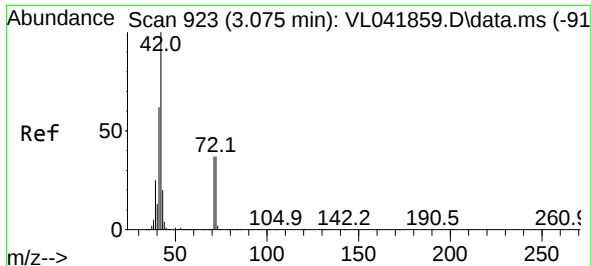
88 100

58 76.0 52.2 78.4

43 31.5 0.0 0.0#

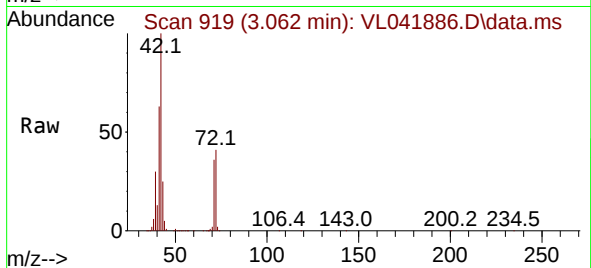
57 0.0 0.0 0.0



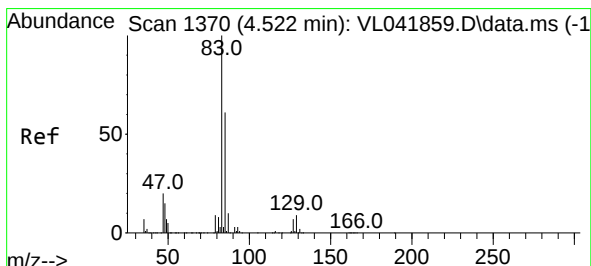
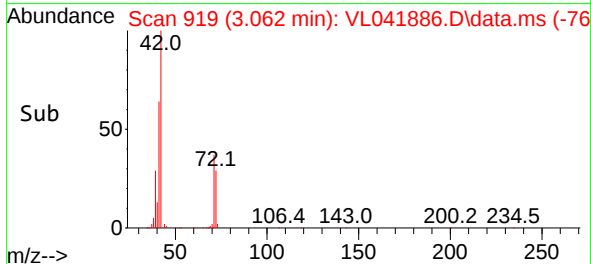
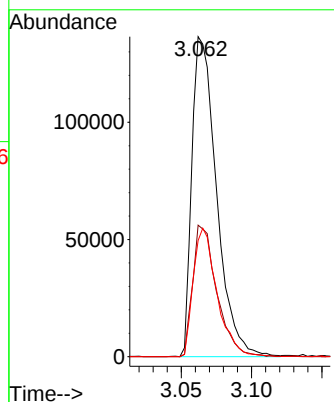


#41
Tetrahydrofuran
Concen: 10.891 ppbv
RT: 3.062 min Scan# 919
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Instrument :
MSVOA_L
ClientSampleId :

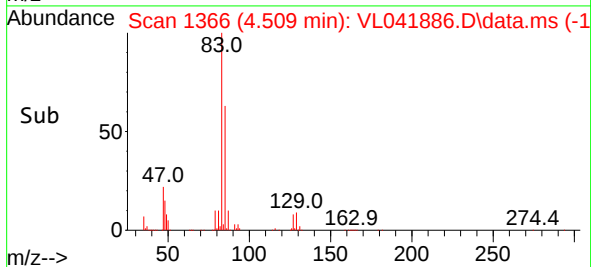
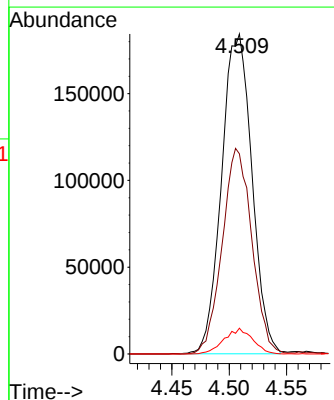
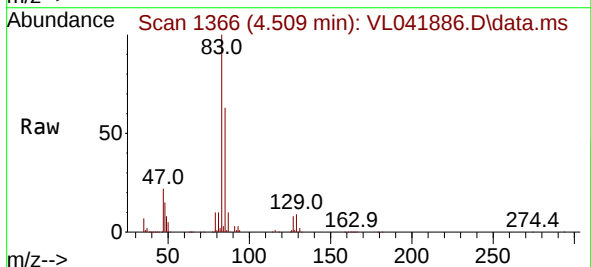


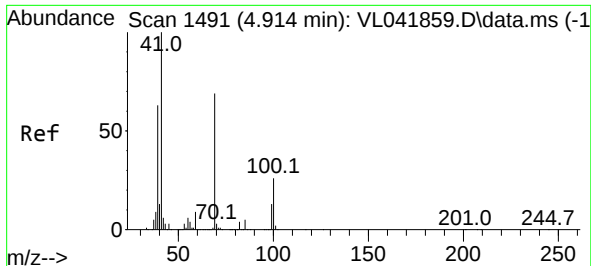
Tgt Ion: 42 Resp: 166502
Ion Ratio Lower Upper
42 100
72 40.1 30.8 46.2
71 38.8 30.1 45.1



#42
Bromodichloromethane
Concen: 12.957 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 83 Resp: 339252
Ion Ratio Lower Upper
83 100
85 62.6 48.9 73.3
127 8.0 5.4 8.2

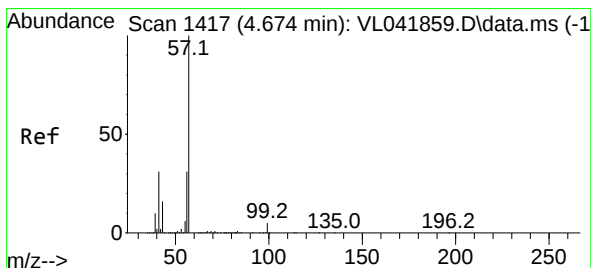
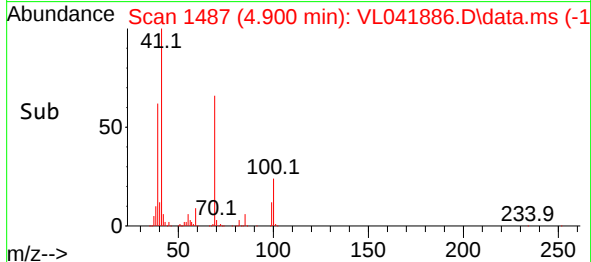
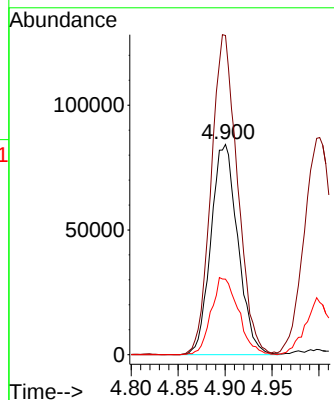
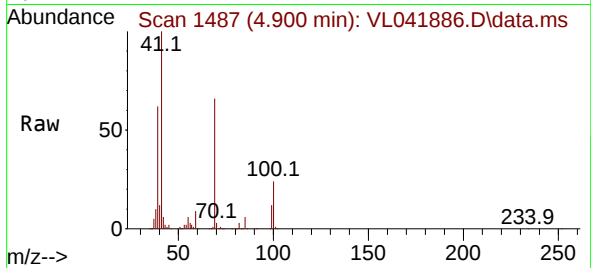




#43
Methyl Methacrylate
Concen: 11.300 ppbv
RT: 4.900 min Scan# 1491
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

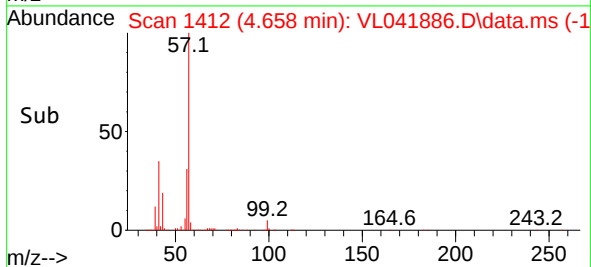
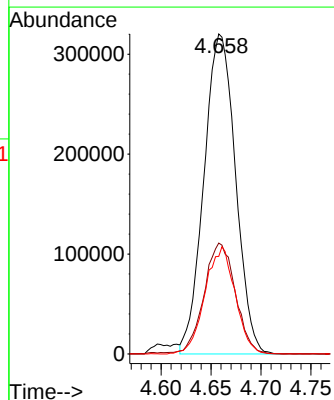
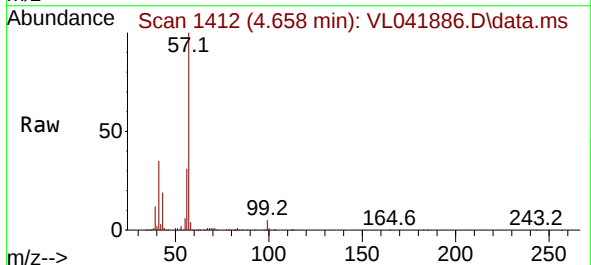
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MSVOA_L
ClientSampleId :

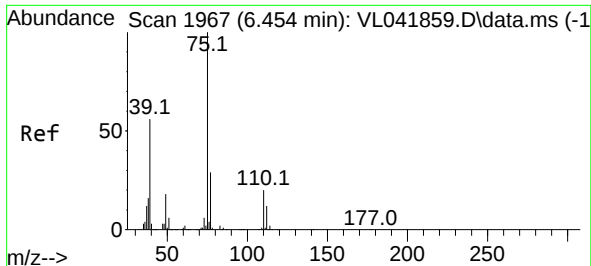
Tgt Ion: 69 Resp: 168111
Ion Ratio Lower Upper
69 100
41 149.1 116.2 174.4
100 37.0 29.8 44.8



#44
2,2,4-Trimethylpentane
Concen: 11.489 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 57 Resp: 705019
Ion Ratio Lower Upper
57 100
41 34.8 25.5 38.3
56 32.0 25.6 38.4

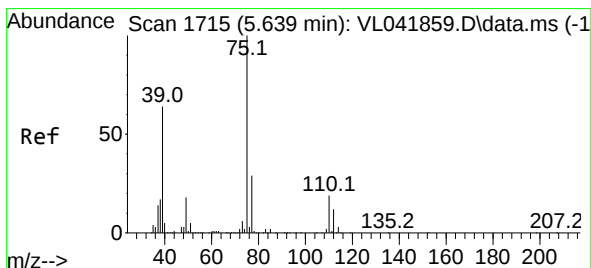
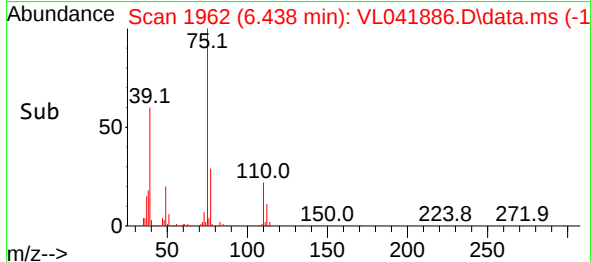
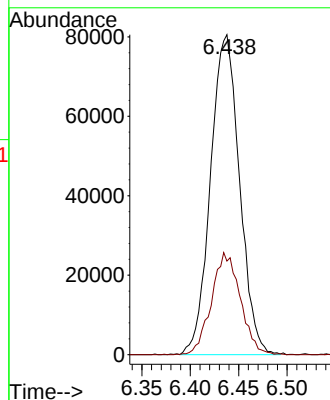
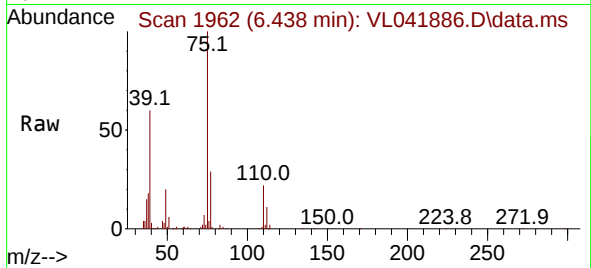




#45
 t-1,3-Dichloropropene
 Concen: 11.040 ppbv
 RT: 6.438 min Scan# 1967
 Delta R.T. -0.016 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

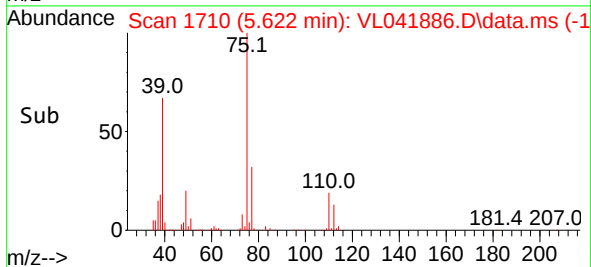
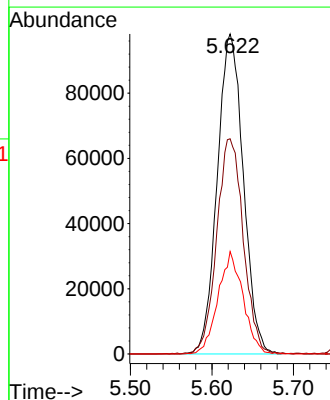
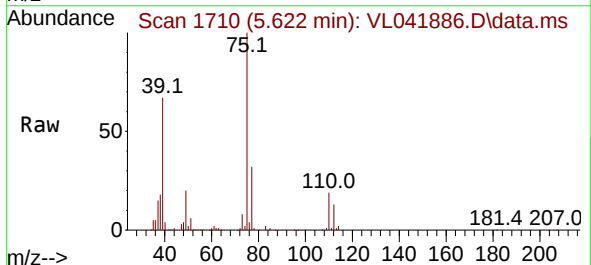
Instrument :
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 ClientSampleId :

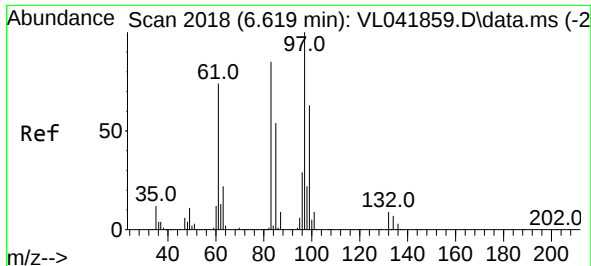
Tgt Ion: 75 Resp: 168096
 Ion Ratio Lower Upper
 75 100
 77 29.2 23.4 35.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.186 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.016 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion: 75 Resp: 218539
 Ion Ratio Lower Upper
 75 100
 39 67.2 51.4 77.2
 77 32.0 23.0 34.4

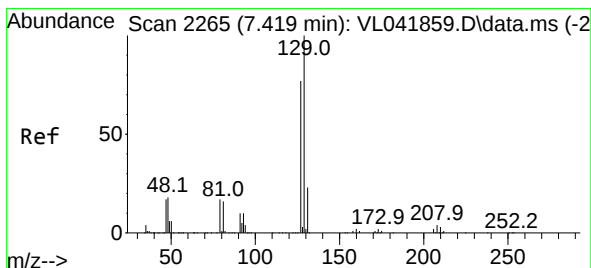
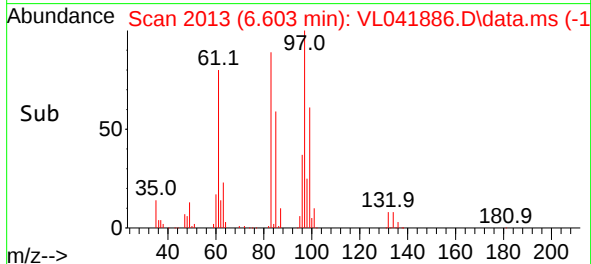
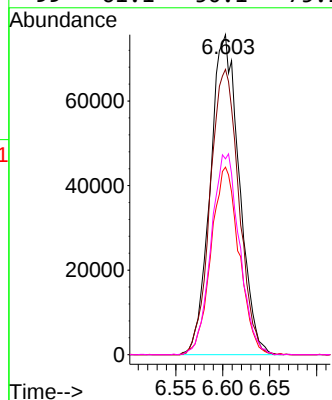
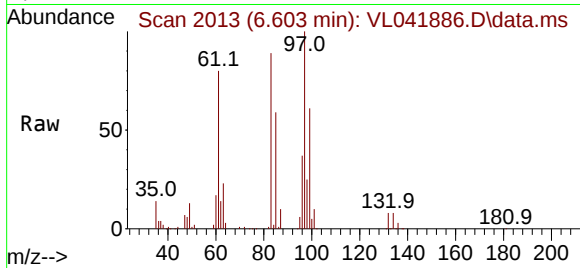




#47
1,1,2-Trichloroethane
Concen: 11.900 ppbv
RT: 6.603 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

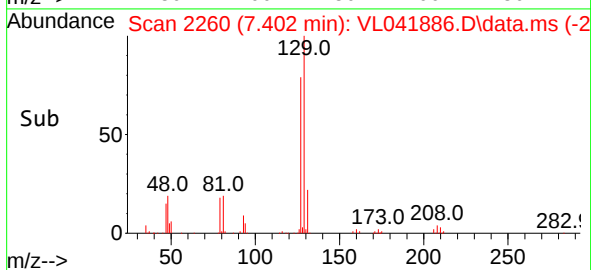
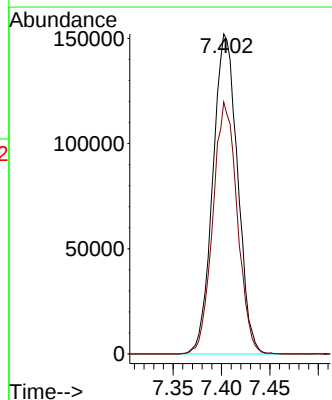
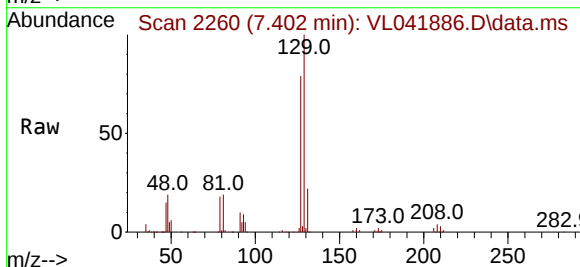
Instrument :
MSVOA_L
ClientSampleId :

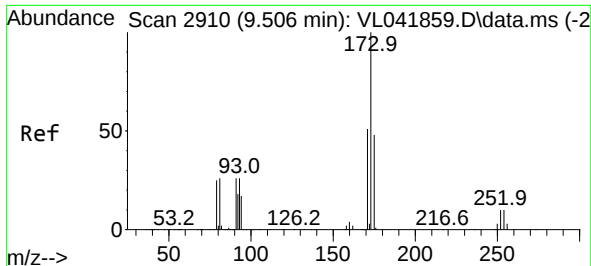
Tgt Ion: 97 Resp: 161787
Ion Ratio Lower Upper
97 100
83 89.2 68.1 102.1
85 58.6 43.4 65.2
99 61.1 50.1 75.1



#48
Dibromochloromethane
Concen: 13.119 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.016 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 129 Resp: 270484
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

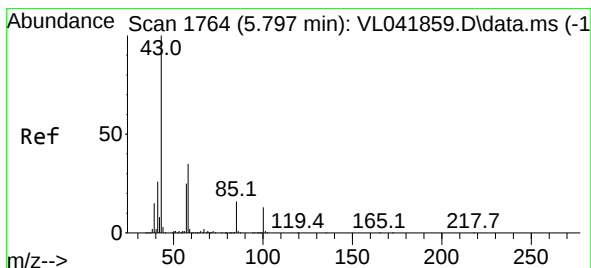
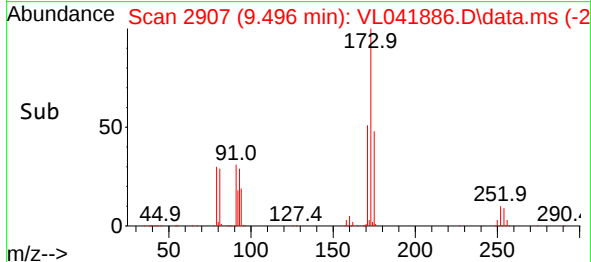
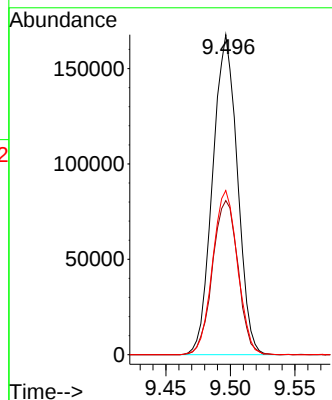
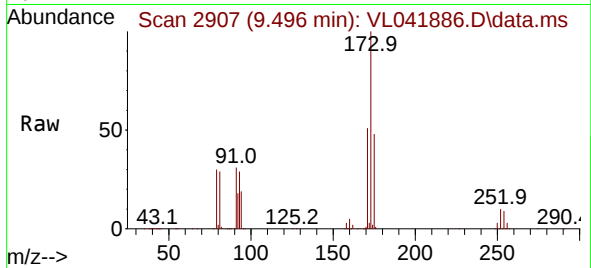




#49
Bromoform
Concen: 12.411 ppbv
RT: 9.496 min Scan# 2910
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

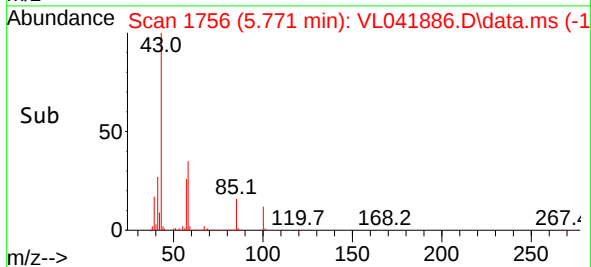
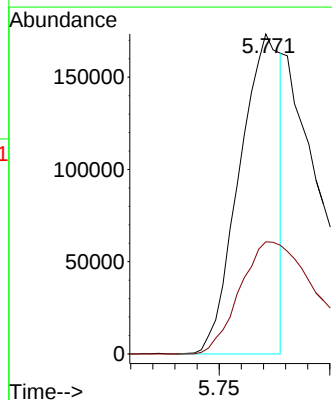
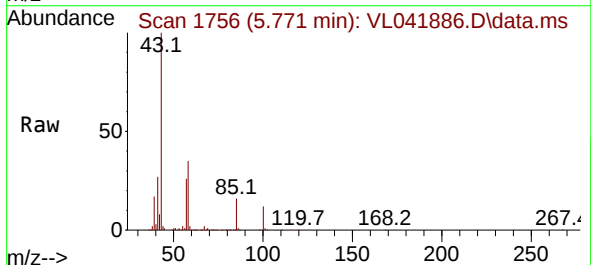
Instrument :
MSVOA_L
ClientSampleId :

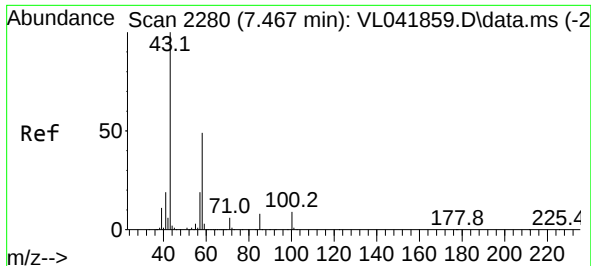
Tgt Ion:173 Resp: 223326
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.2
171 51.7 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 6.009 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.026 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 43 Resp: 223203
Ion Ratio Lower Upper
43 100
58 67.7 29.4 44.2#

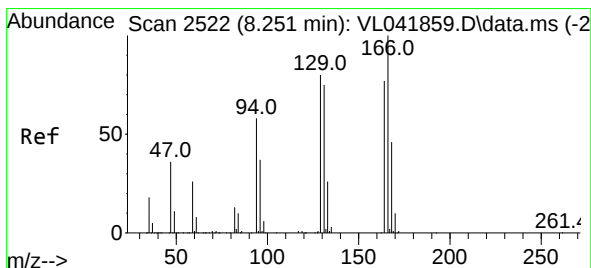
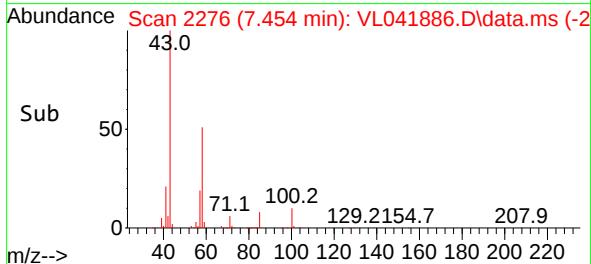
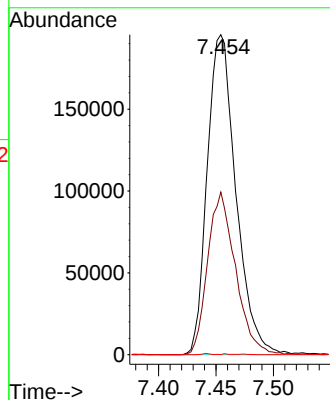
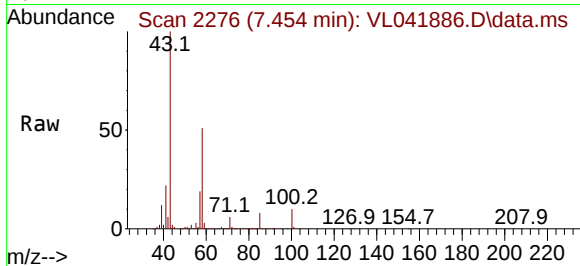




#51
2-Hexanone
Concen: 11.108 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

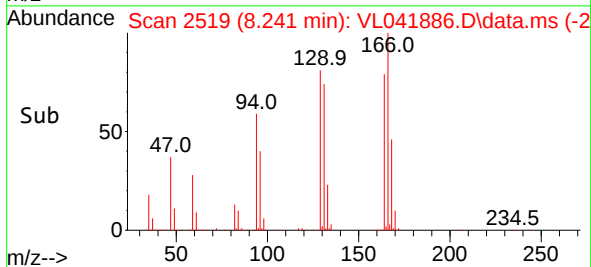
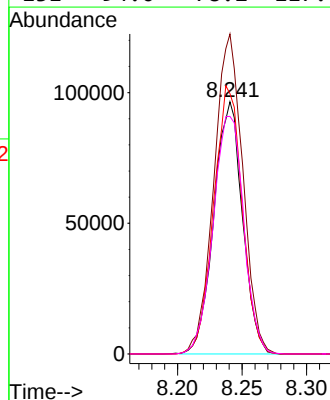
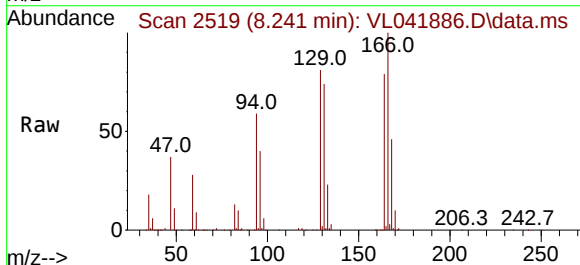
Instrument :
MSVOA_L
ClientSampleId :

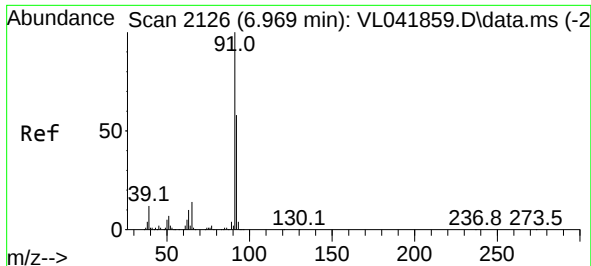
Tgt Ion: 43 Resp: 339404
Ion Ratio Lower Upper
43 100
58 49.4 40.0 60.0
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 10.668 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion:164 Resp: 148483
Ion Ratio Lower Upper
164 100
166 126.9 103.6 155.4
129 103.2 82.6 123.8
131 94.0 78.2 117.4

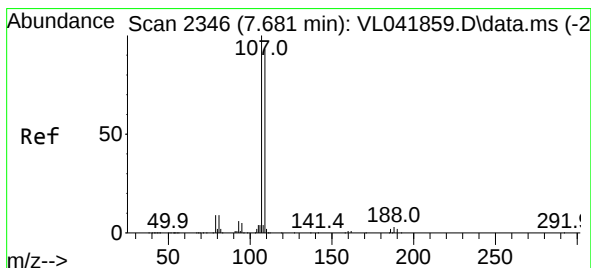
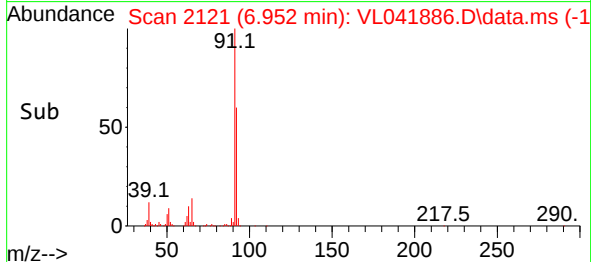
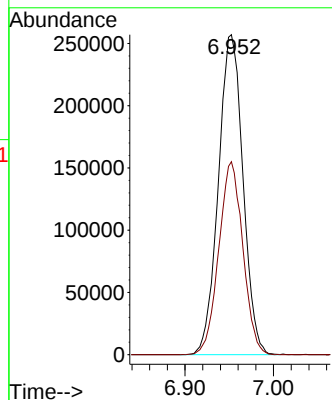
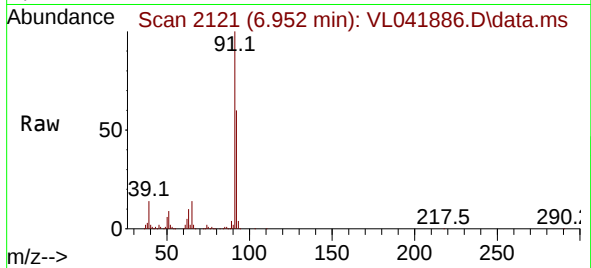




#53
Toluene
Concen: 11.498 ppbv
RT: 6.952 min Scan# 2126
Delta R.T. -0.016 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

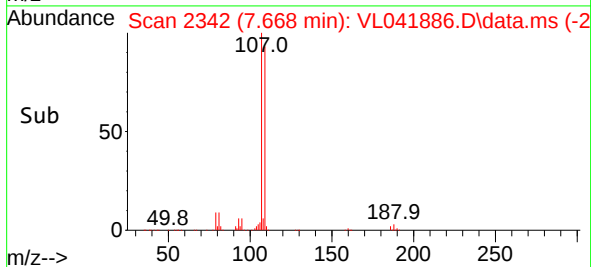
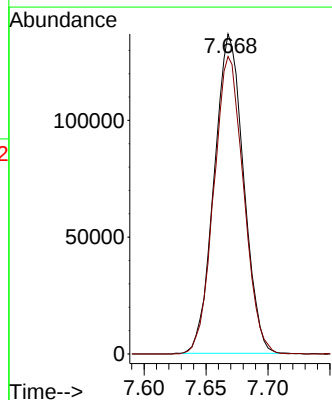
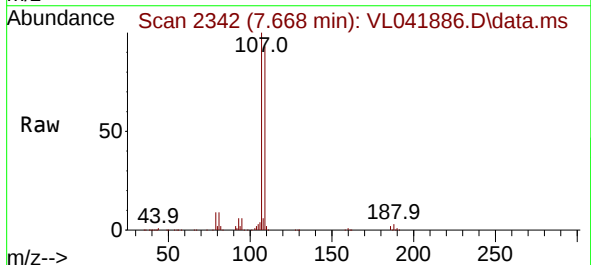
Instrument :
MSVOA_L
ClientSampleId :

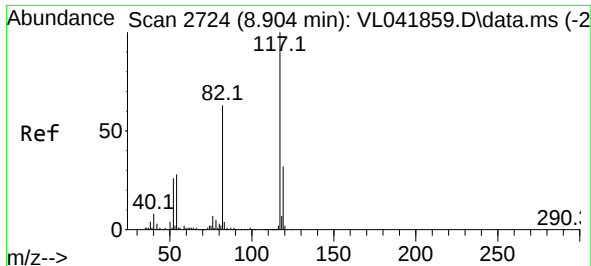
Tgt Ion: 91 Resp: 496758
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8



#54
1,2-Dibromoethane
Concen: 12.224 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 107 Resp: 226012
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0

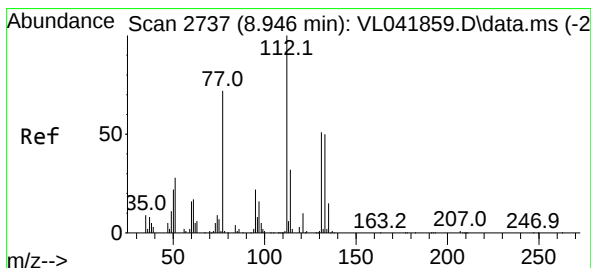
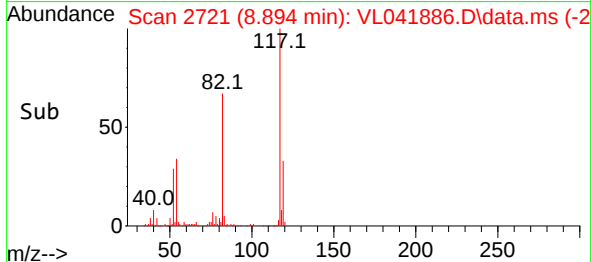
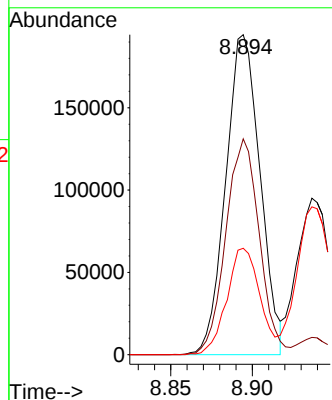
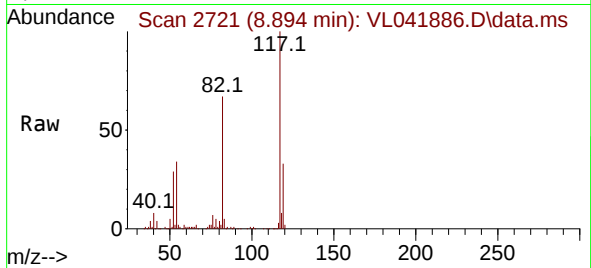




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

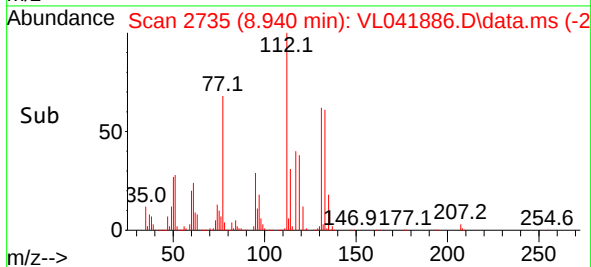
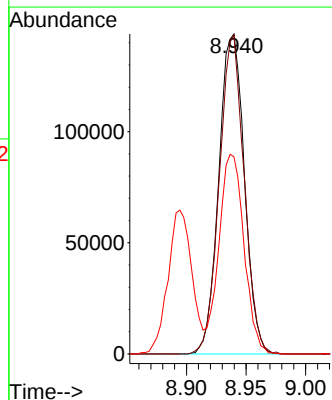
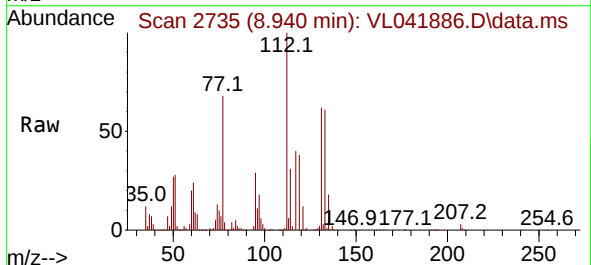
Instrument :
MSVOA_L
ClientSampleId :

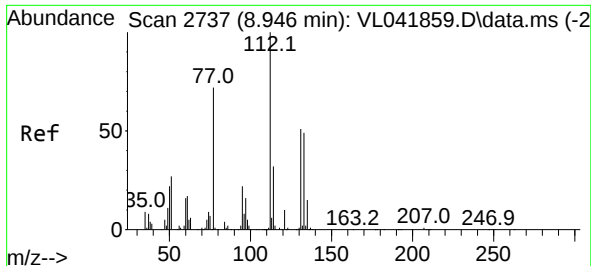
Tgt Ion:117 Resp: 284767
Ion Ratio Lower Upper
117 100
82 70.8 54.5 81.7
119 32.7 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 12.630 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion:131 Resp: 214369
Ion Ratio Lower Upper
131 100
133 96.6 77.4 116.2
119 61.6 49.4 74.0

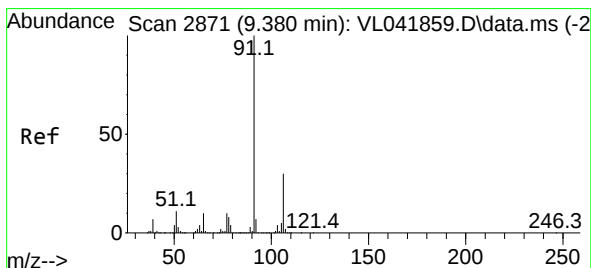
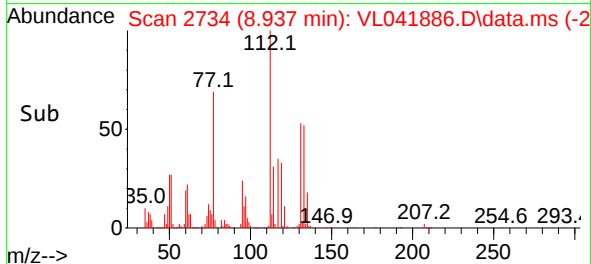
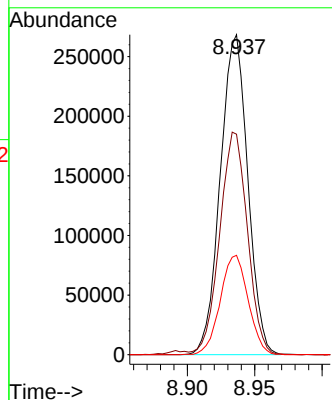
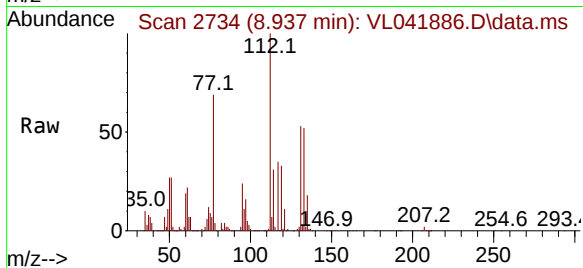




#57
Chlorobenzene
Concen: 12.013 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

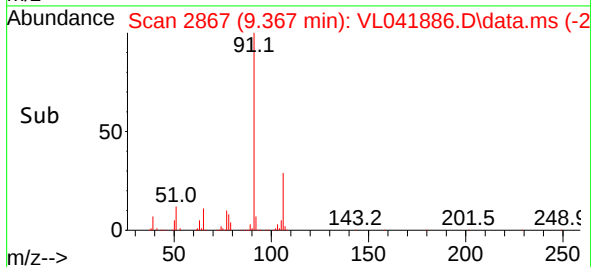
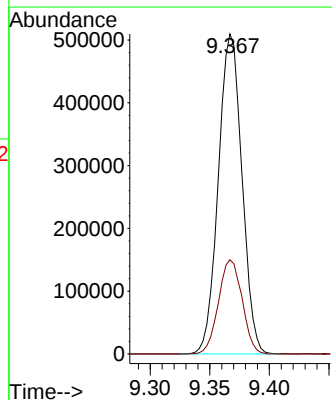
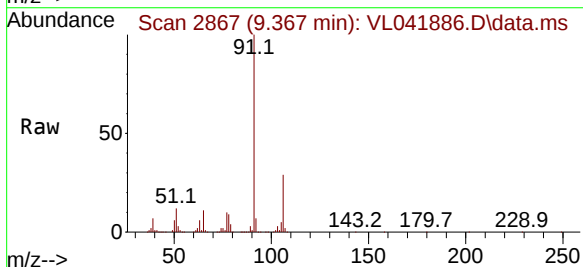
Instrument :
MSVOA_L
ClientSampleId :

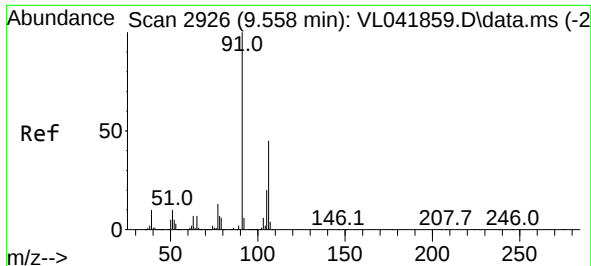
Tgt Ion:112 Resp: 381424
Ion Ratio Lower Upper
112 100
77 68.7 58.3 87.5
114 31.1 28.9 35.3



#58
Ethyl Benzene
Concen: 11.978 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.013 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 91 Resp: 701315
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2





#59

m/p-Xylene

Concen: 13.221 ppbv

RT: 9.545 min Scan# 2926

Delta R.T. -0.013 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

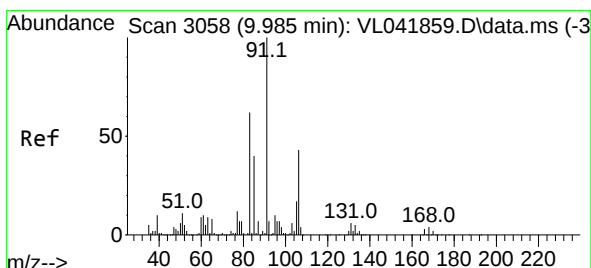
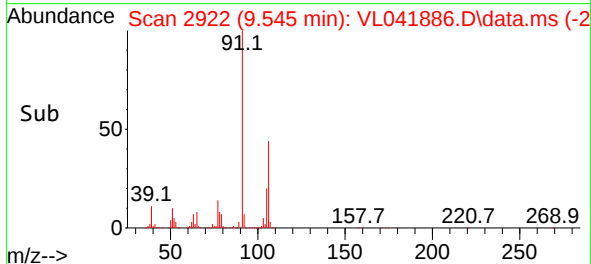
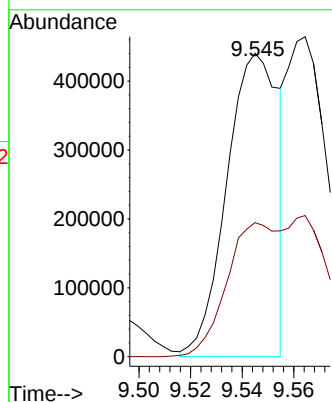
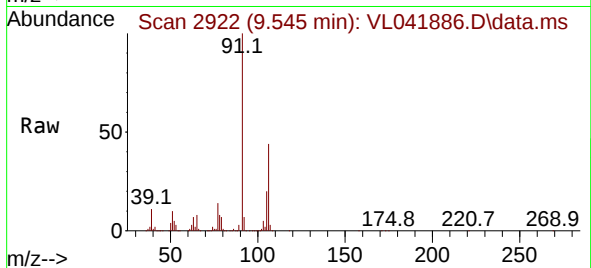
ClientSampleId :

Tgt Ion: 91 Resp: 611767

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 12.051 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL041886.D

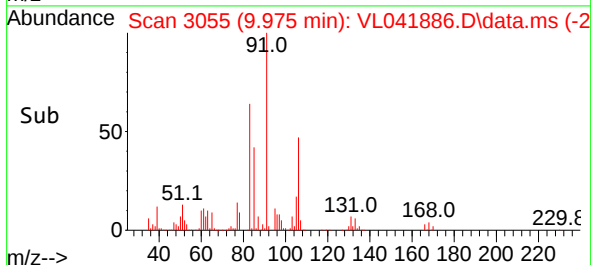
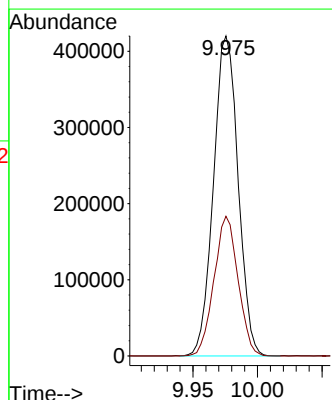
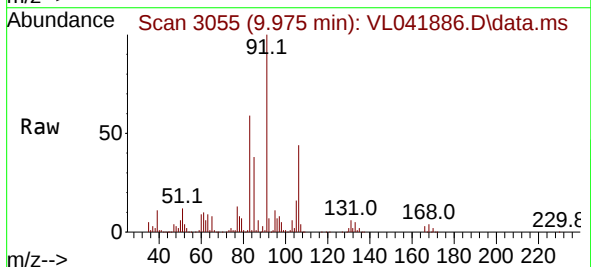
Acq: 10 Jan 2025 01:48

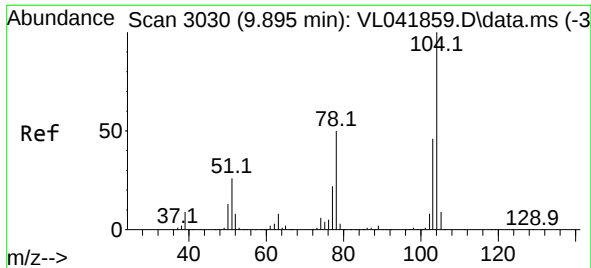
Tgt Ion: 91 Resp: 556165

Ion Ratio Lower Upper

91 100

106 42.6 21.4 64.3





#61

Styrene

Concen: 11.506 ppbv

RT: 9.882 min Scan# 3030

Delta R.T. -0.013 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

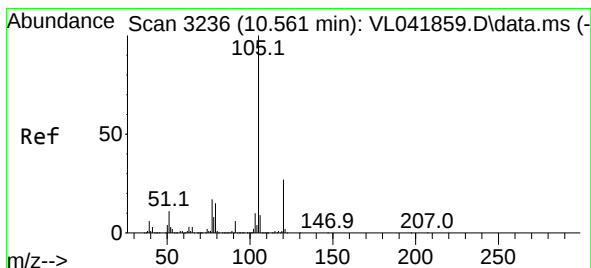
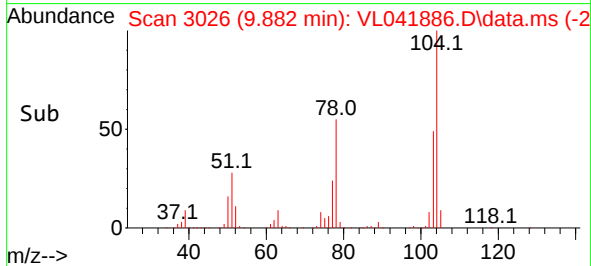
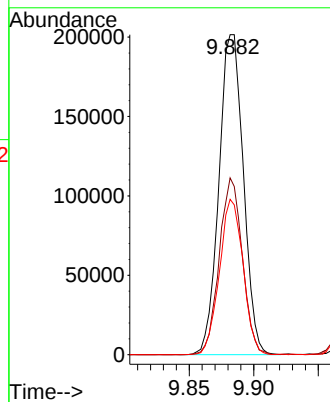
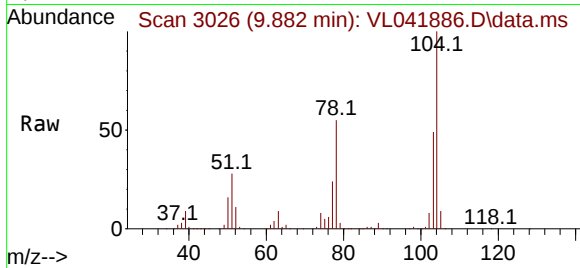
Tgt Ion:104 Resp: 265161

Ion Ratio Lower Upper

104 100

78 52.2 40.7 61.1

103 47.0 37.0 55.6



#62

Isopropylbenzene

Concen: 12.147 ppbv

RT: 10.552 min Scan# 3233

Delta R.T. -0.010 min

Lab File: VL041886.D

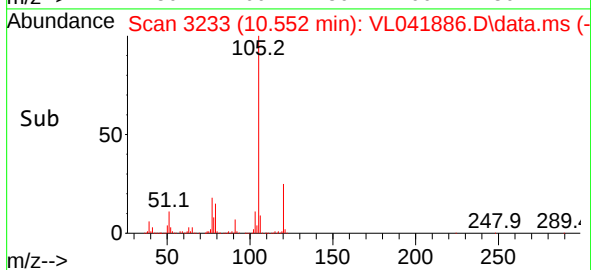
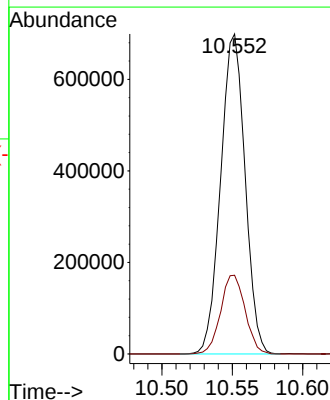
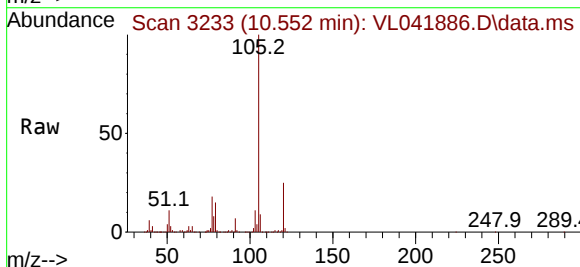
Acq: 10 Jan 2025 01:48

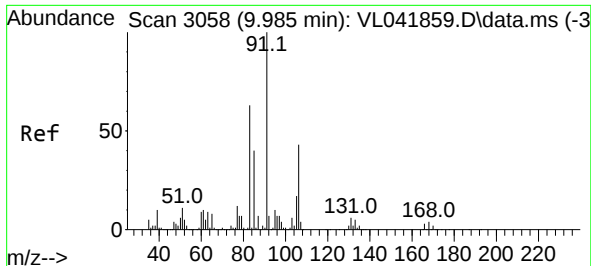
Tgt Ion:105 Resp: 844067

Ion Ratio Lower Upper

105 100

120 24.7 20.3 30.5

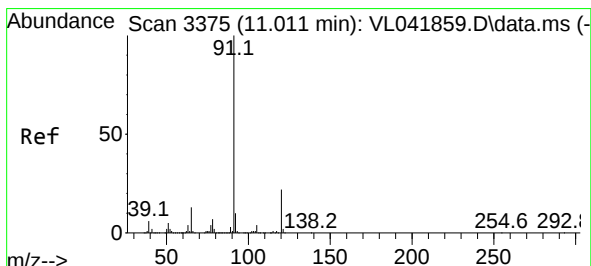
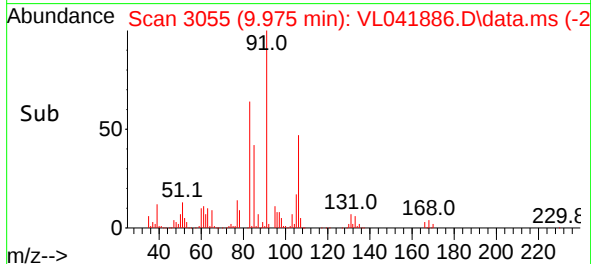
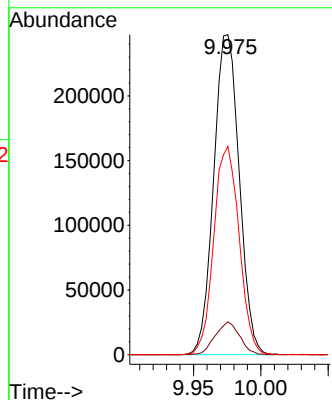
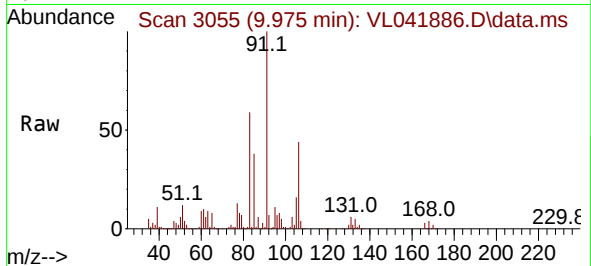




#63
1,1,2,2-Tetrachloroethane
Concen: 11.769 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

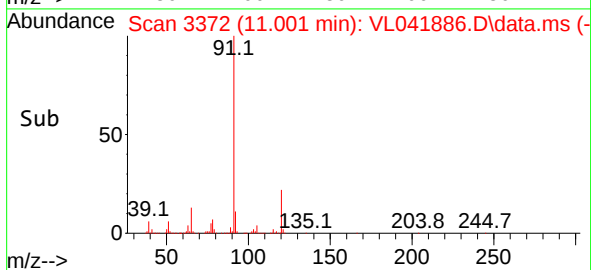
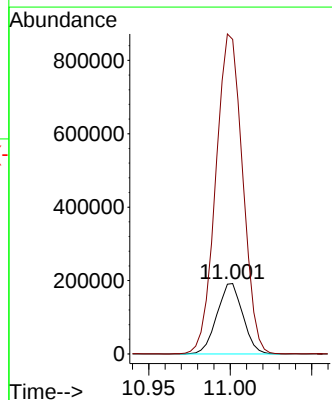
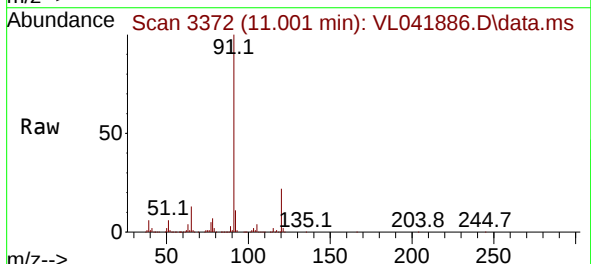
Instrument :
MSVOA_L
ClientSampleId :

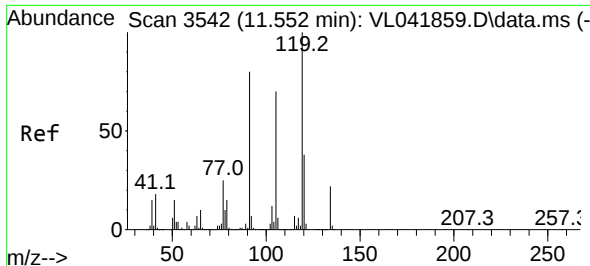
Tgt Ion: 83 Resp: 326254
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.6 32.1 96.3



#64
n-propylbenzene
Concen: 11.691 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 120 Resp: 211670
Ion Ratio Lower Upper
120 100
91 472.0 376.9 565.3

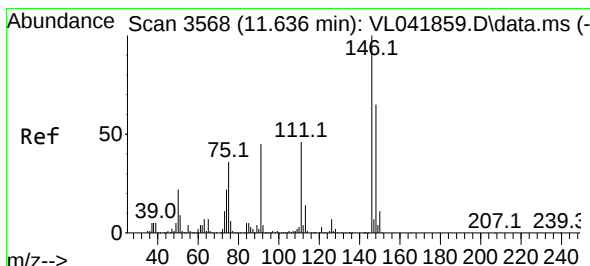
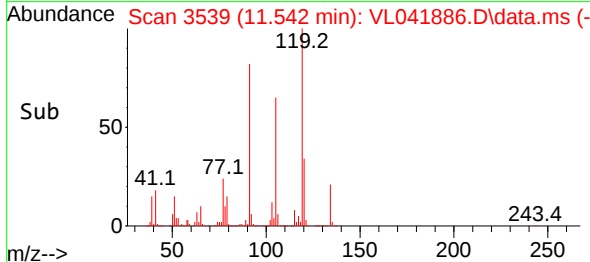
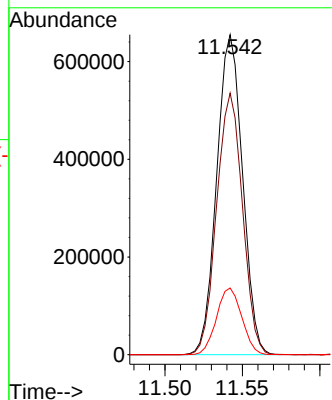
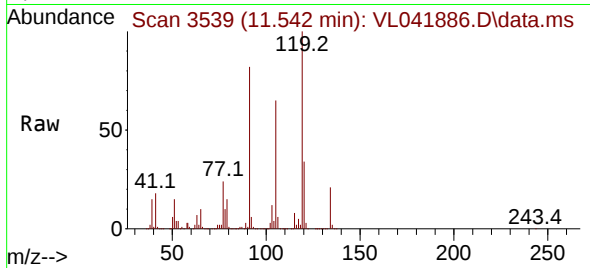




#65
tert-Butylbenzene
Concen: 12.062 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

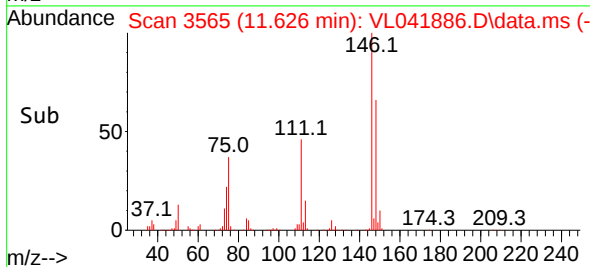
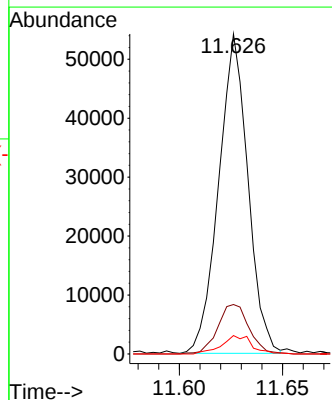
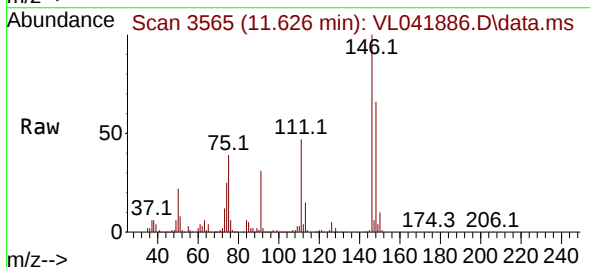
Instrument :
MSVOA_L
ClientSampleId :

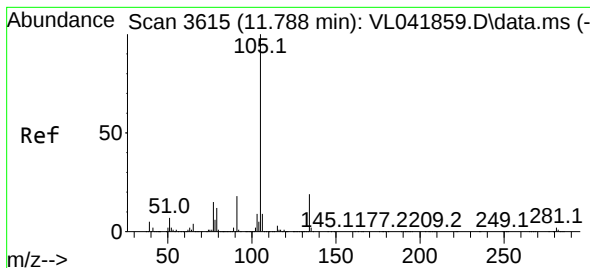
Tgt Ion:119 Resp: 758549
Ion Ratio Lower Upper
119 100
91 81.8 64.6 97.0
134 20.4 16.9 25.3



#66
Benzyl Chloride
Concen: 8.168 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 91 Resp: 53210
Ion Ratio Lower Upper
91 100
126 16.6 13.9 20.9
128 5.9 4.8 7.2

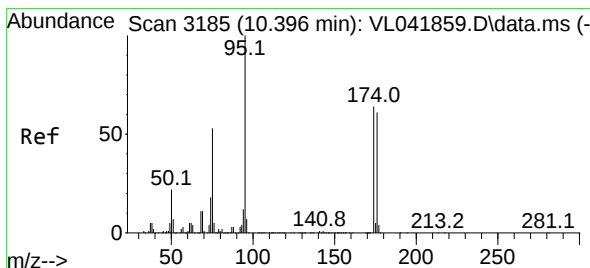
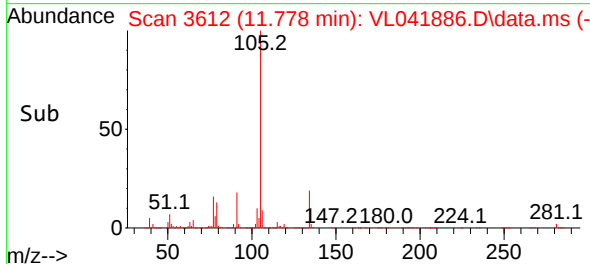
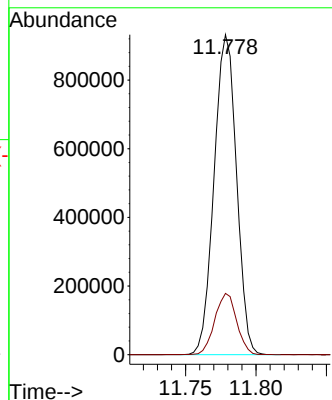
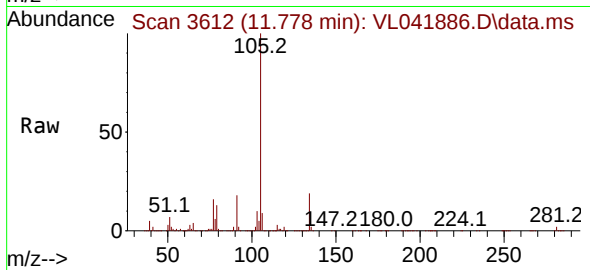




#67
 sec-Butylbenzene
 Concen: 11.905 ppbv
 RT: 11.778 min Scan# 3183
 Delta R.T. -0.010 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

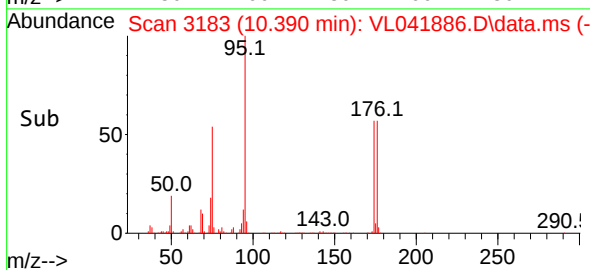
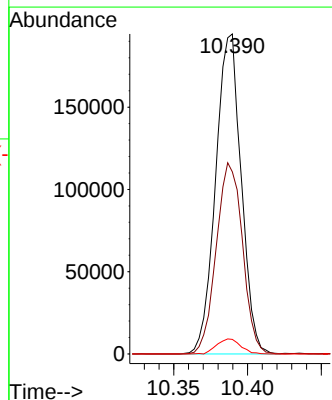
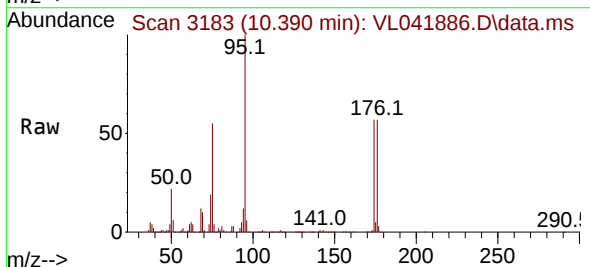
Instrument :
 MSVOA_L
 ClientSampleId :

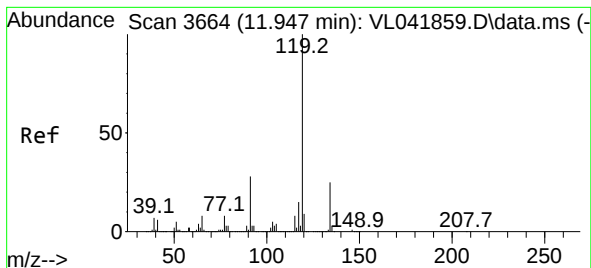
Tgt Ion:105 Resp: 1031643
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.276 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041886.D
 Acq: 10 Jan 2025 01:48

Tgt Ion: 95 Resp: 234633
 Ion Ratio Lower Upper
 95 100
 174 61.3 51.1 76.7
 175 4.4 3.8 5.8





#69

p-Isopropyltoluene

Concen: 11.860 ppbv

RT: 11.937 min Scan# 30

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

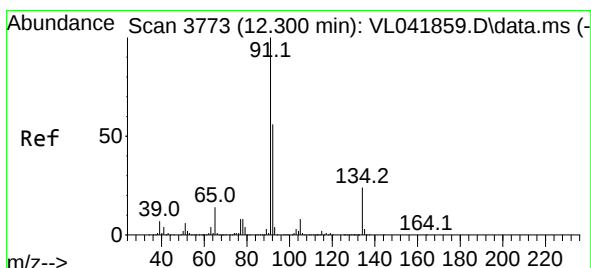
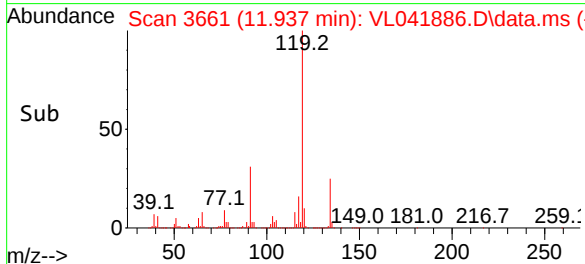
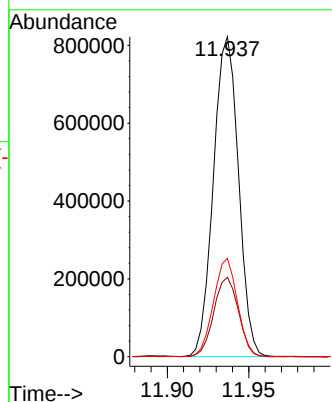
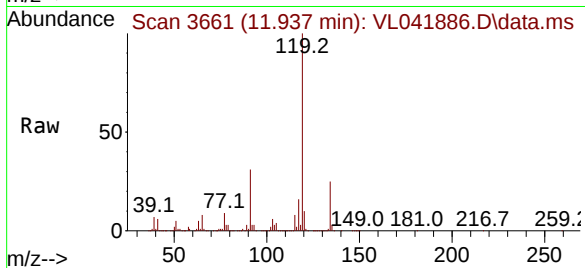
Tgt Ion:119 Resp: 876973

Ion Ratio Lower Upper

119 100

134 24.6 20.3 30.5

91 29.4 22.6 34.0



#70

n-Butylbenzene

Concen: 11.585 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

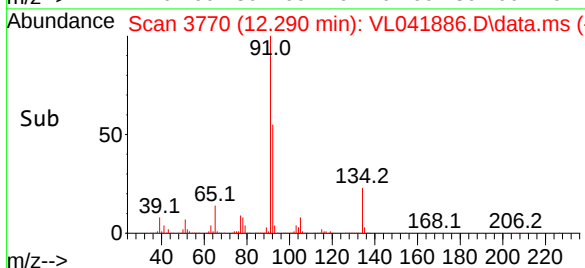
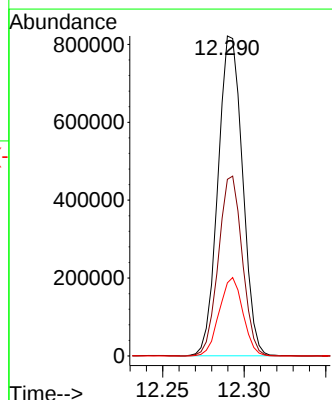
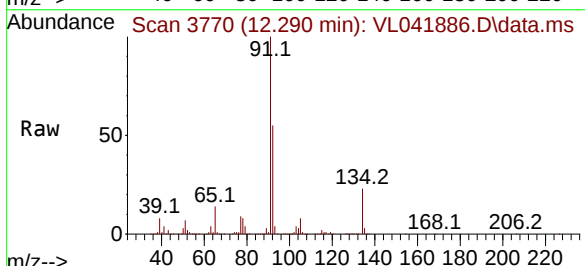
Tgt Ion: 91 Resp: 859773

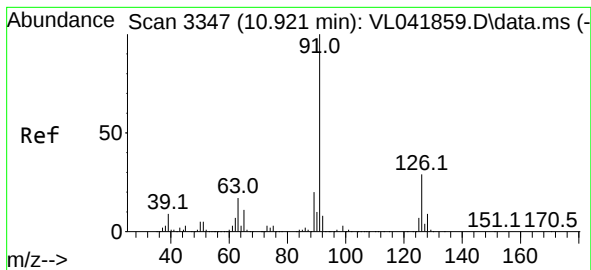
Ion Ratio Lower Upper

91 100

92 54.9 43.8 65.8

134 23.6 19.3 28.9

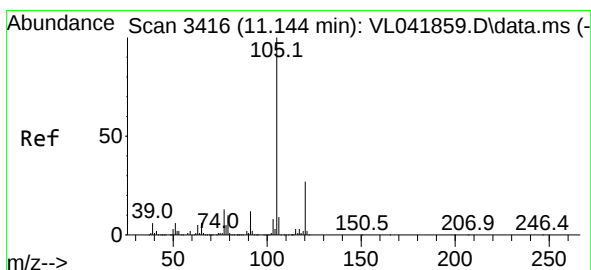
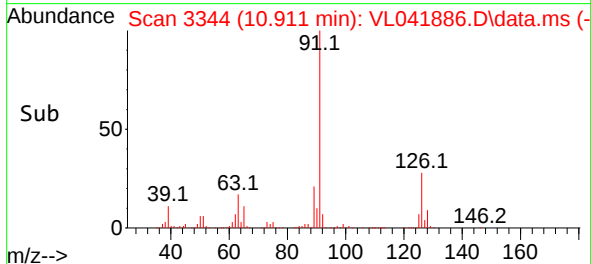
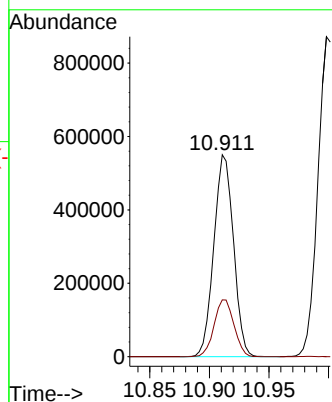
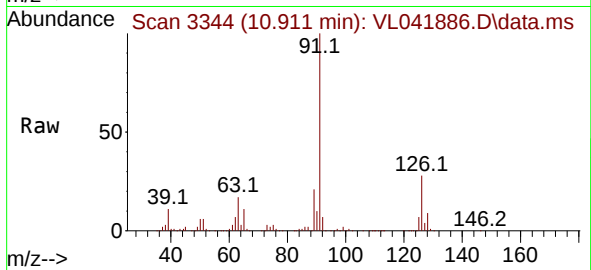




#71
2-Chlorotoluene
Concen: 11.718 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

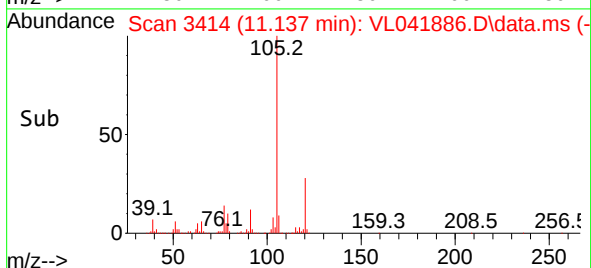
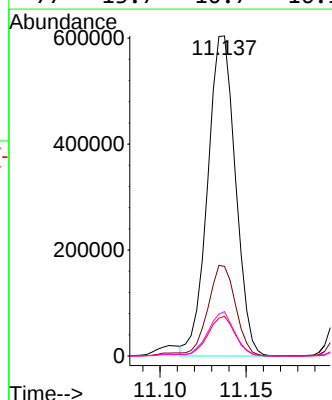
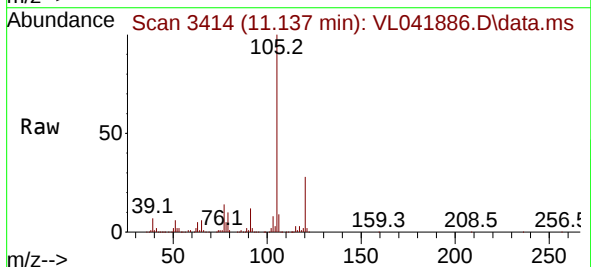
Instrument :
MSVOA_L
ClientSampleId :

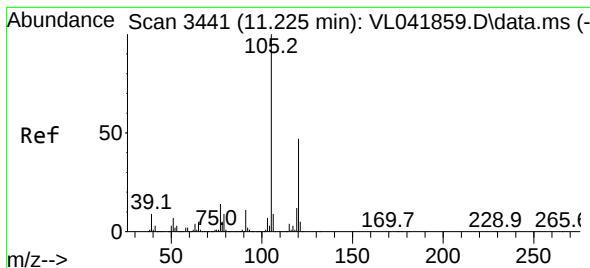
Tgt Ion: 91 Resp: 630368
Ion Ratio Lower Upper
91 100
126 28.5 11.6 46.6



#72
4-Ethyltoluene
Concen: 12.049 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion: 105 Resp: 681847
Ion Ratio Lower Upper
105 100
120 28.8 23.5 35.3
91 12.7 9.8 14.8
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 12.075 ppbv

RT: 11.215 min Scan# 34

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

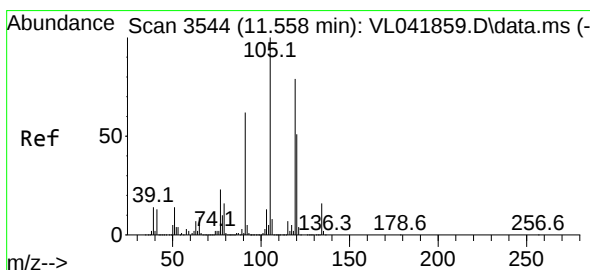
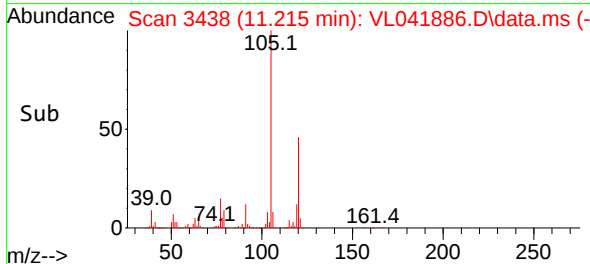
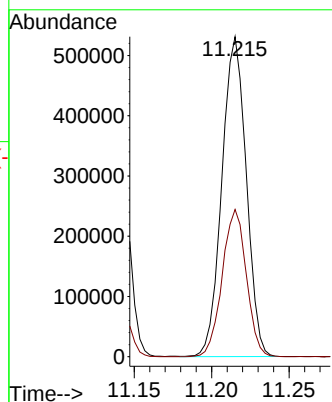
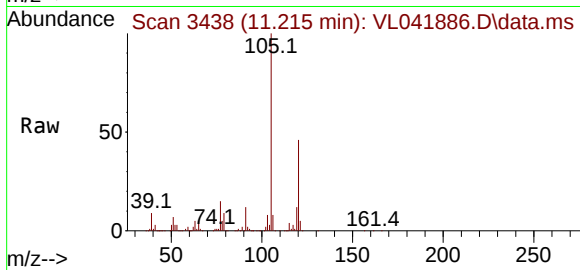
ClientSampleId :

Tgt Ion:105 Resp: 580168

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 11.917 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Tgt Ion:105 Resp: 621932

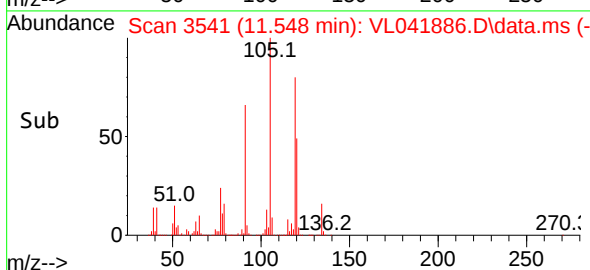
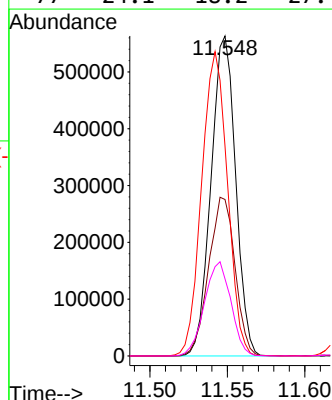
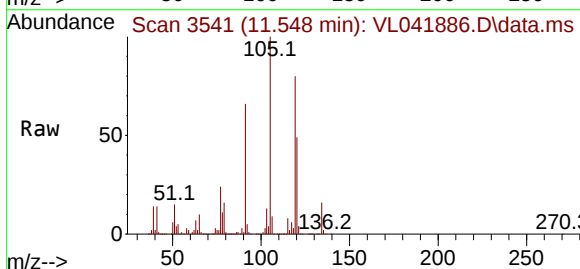
Ion Ratio Lower Upper

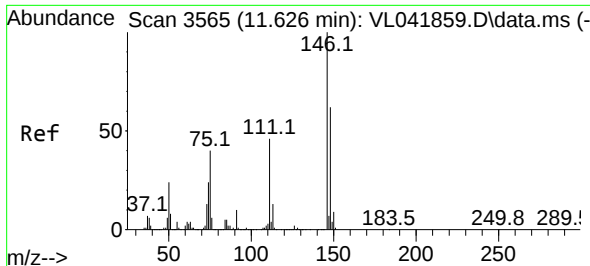
105 100

120 48.9 41.1 61.7

91 65.6 50.0 75.0

77 24.1 18.2 27.4

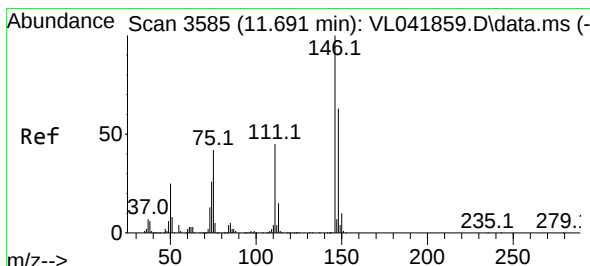
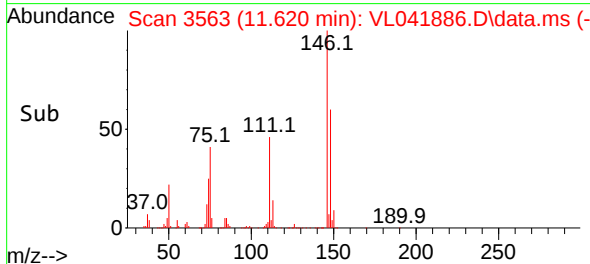
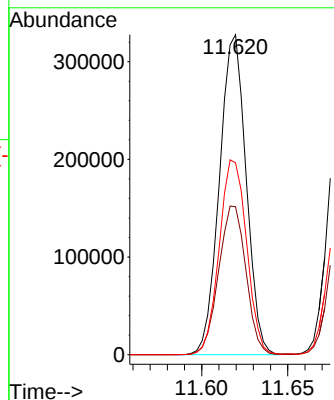
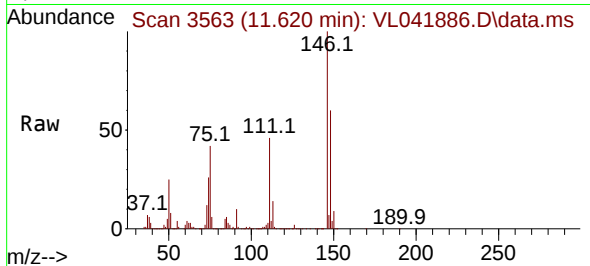




#75
1,3-Dichlorobenzene
Concen: 11.293 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.007 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

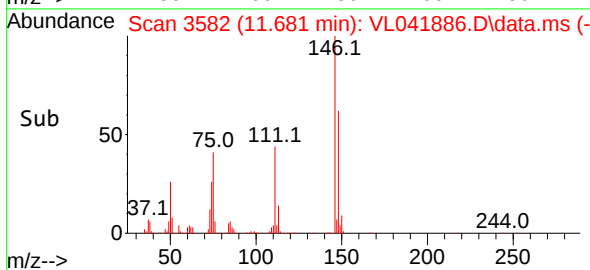
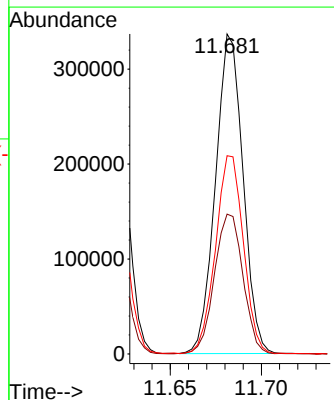
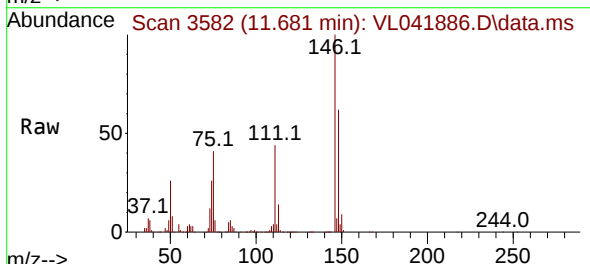
Instrument :
MSVOA_1
ClientSampleId :

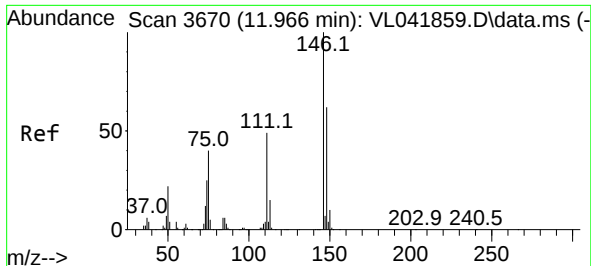
Tgt Ion:146 Resp: 353298
Ion Ratio Lower Upper
146 100
111 47.6 23.2 69.5
148 62.5 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 11.412 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion:146 Resp: 353439
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.1
148 63.2 31.2 93.6

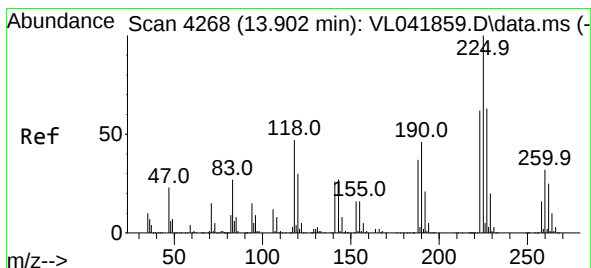
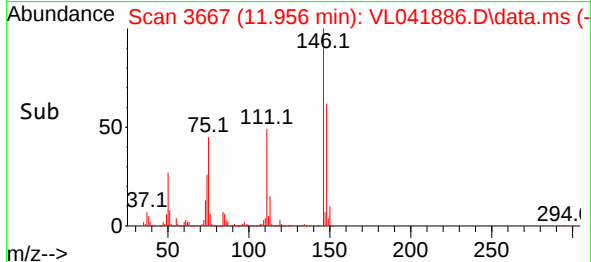
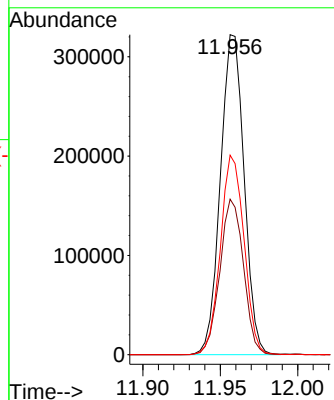
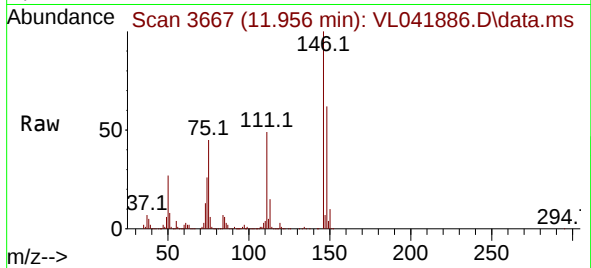




#77
1,2-Dichlorobenzene
Concen: 11.595 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

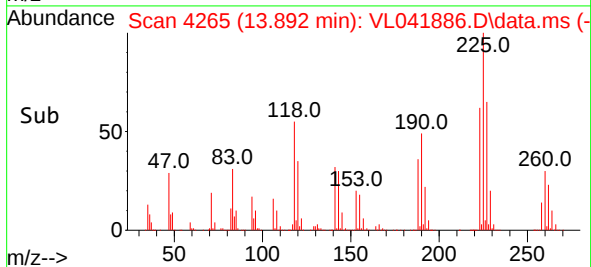
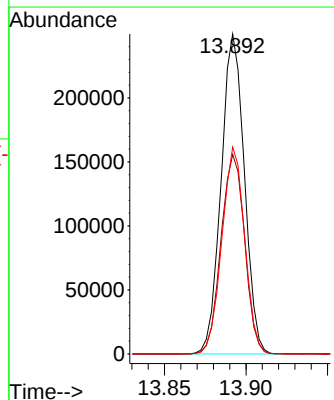
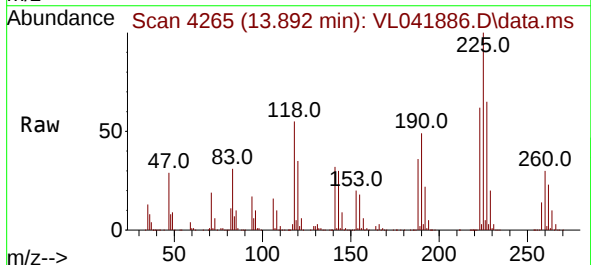
Instrument :
MSVOA_L
ClientSampleId :

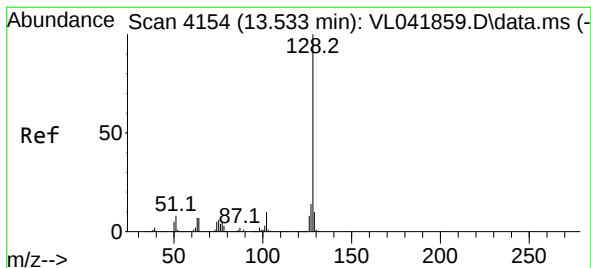
Tgt Ion:146 Resp: 342899
Ion Ratio Lower Upper
146 100
111 48.5 24.1 72.3
148 62.3 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 9.723 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041886.D
Acq: 10 Jan 2025 01:48

Tgt Ion:225 Resp: 247159
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 63.7 50.9 76.3





#79

Naphthalene

Concen: 9.477 ppbv

RT: 13.523 min Scan# 4154

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

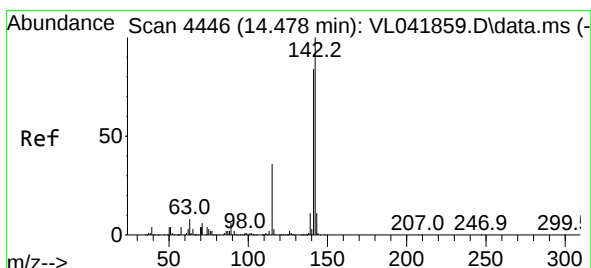
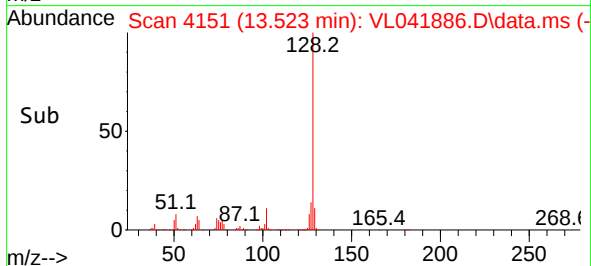
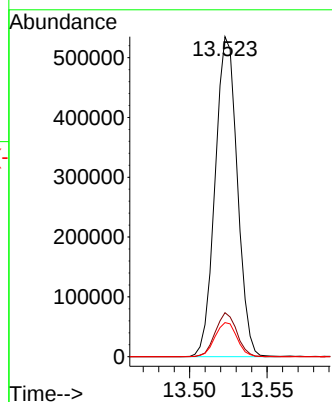
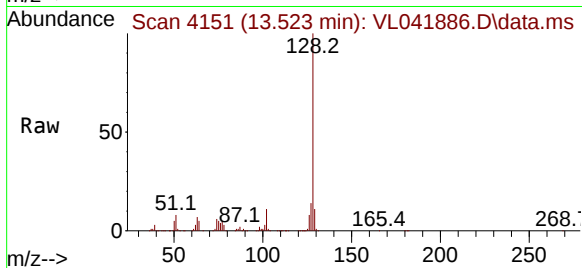
Tgt Ion:128 Resp: 532813

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.6 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 6.198 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. -0.010 min

Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

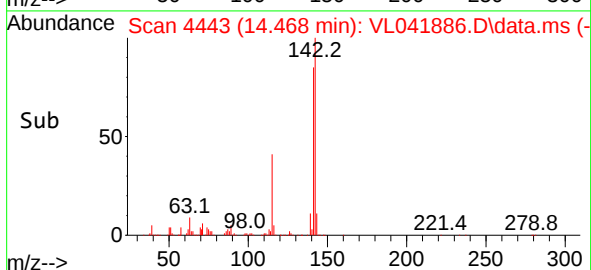
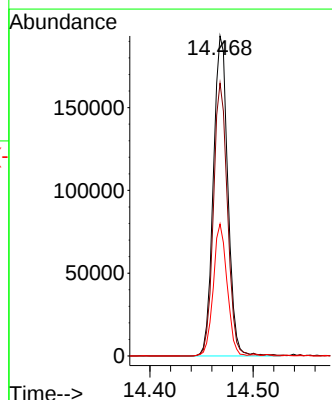
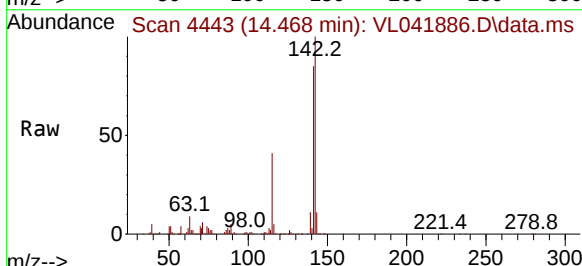
Tgt Ion:142 Resp: 187936

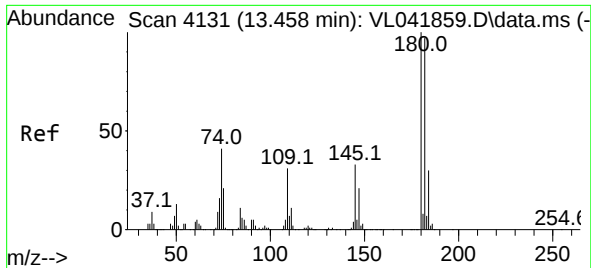
Ion Ratio Lower Upper

142 100

141 83.3 68.2 102.4

115 40.0 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 9.318 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.007 min

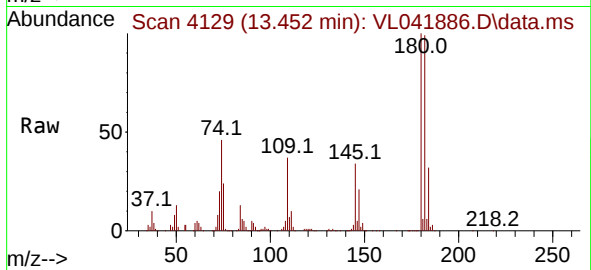
Lab File: VL041886.D

Acq: 10 Jan 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 249442

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

184 30.3 24.1 36.1

