

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041909.D
 Acq On : 15 Jan 2025 00:52
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 15 04:23:20 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	128860	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	383295	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	333507	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	264151	10.056	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8120	0.463	ppbv	94
3) Chlorodifluoromethane	1.476	51	7777	0.423	ppbv #	90
4) Chloromethane	1.534	50	3403	0.516	ppbv	93
5) Vinyl Chloride	1.580	62	2912	0.436	ppbv	97
6) Bromomethane	1.667	94	1485	0.466	ppbv	93
7) Chloroethane	1.706	64	1188	0.457	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	7096	0.463	ppbv	96
9) Propene	1.482	41	3762	0.497	ppbv	97
10) Heptane	4.985	43	7527	0.372	ppbv	94
11) Trichlorofluoromethane	1.881	101	8237	0.451	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	7095	0.496	ppbv	93
13) Ethanol	1.722	45	474	0.854	ppbv	97
14) Bromoethene	1.784	108	2298	0.439	ppbv #	93
15) Acetone	1.839	43	8191	0.529	ppbv	96
16) 1,3-Butadiene	1.609	39	3484	0.502	ppbv	91
17) tert-Butyl alcohol	2.046	59	8947	0.470	ppbv	100
18) 1,1-Dichloroethene	2.036	96	3189	0.494	ppbv	93
19) Isopropyl Alcohol	1.890	45	4628	0.504	ppbv #	32
20) Methylene Chloride	2.062	84	3288	0.538	ppbv #	93
21) Allyl Chloride	2.097	41	5012	0.468	ppbv	94
22) trans-1,2-Dichloroethene	2.036	96	3189	0.438	ppbv	87
23) Vinyl Acetate	2.466	43	2655	0.346	ppbv #	82
24) 1,1-Dichloroethane	2.411	63	7024	0.499	ppbv #	96
25) Ethyl Acetate	2.842	43	17135	0.411	ppbv	99
26) Hexane	2.829	57	6946	0.421	ppbv	97
27) Carbon Disulfide	2.152	76	6747	0.413	ppbv #	9
28) Methyl tert-Butyl Ether	2.447	73	4069	0.323	ppbv	94
29) Chloroform	2.852	83	11730	0.450	ppbv	89
30) Cyclohexane	3.858	84	2440	0.170	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	7392	0.425	ppbv #	78
32) 1,1,1-Trichloroethane	3.373	97	10701	0.429	ppbv	95
34) 2-Butanone	2.564	43	10801	0.443	ppbv	91
35) Carbon Tetrachloride	3.764	117	6198	0.257	ppbv	88
36) Benzene	3.661	78	14900	0.424	ppbv	97
37) 1,2-Dichloroethane	3.227	62	9306	0.471	ppbv	99
38) Trichloroethene	4.551	130	5707	0.409	ppbv #	82
39) 1,2-Dichloropropane	4.321	63	4945	0.401	ppbv #	76
40) 1,4-Dioxane	4.609	88	1269	0.204	ppbv #	11
41) Tetrahydrofuran	3.072	42	4585	0.346	ppbv #	90
42) Bromodichloromethane	4.493	83	10678	0.403	ppbv #	77
43) Methyl Methacrylate	4.887	69	4723	0.362	ppbv	100
44) 2,2,4-Trimethylpentane	4.645	57	21097	0.371	ppbv	92
45) t-1,3-Dichloropropene	6.418	75	2324	0.190	ppbv #	77

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Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 15 04:23:20 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)
46) cis-1,3-Dichloropropene	5.603	75	3092	0.193	ppbv	95
47) 1,1,2-Trichloroethane	6.590	97	1744	0.133	ppbv #	25
48) Dibromochloromethane	7.396	129	6582	0.326	ppbv	85
49) Bromoform	9.487	173	5519	0.333	ppbv	94
50) 4-Methyl-2-Pentanone	5.771	43	4614	0.139	ppbv #	39
51) 2-Hexanone	7.454	43	5261	0.206	ppbv #	63
52) Tetrachloroethene	8.234	164	4855	0.398	ppbv	86
53) Toluene	6.936	91	7113	0.186	ppbv #	28
54) 1,2-Dibromoethane	7.661	107	3907	0.217	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.930	131	6956	0.418	ppbv #	1
57) Chlorobenzene	8.924	112	13810	0.449	ppbv #	84
58) Ethyl Benzene	9.360	91	17715	0.340	ppbv	95
59) m/p-Xylene	9.555	91	15215	0.364	ppbv #	26
60) o-Xylene	9.969	91	14413	0.348	ppbv	92
61) Styrene	9.872	104	6314	0.339	ppbv	95
62) Isopropylbenzene	10.542	105	23571	0.367	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	11828	0.446	ppbv	99
64) n-propylbenzene	10.989	120	2857	0.176	ppbv #	1
65) tert-Butylbenzene	11.535	119	20807	0.356	ppbv	97
66) Benzyl Chloride	11.620	91	957	0.264	ppbv #	89
67) sec-Butylbenzene	11.775	105	30791	0.382	ppbv	99
69) p-Isopropyltoluene	11.930	119	22247	0.336	ppbv	96
70) n-Butylbenzene	12.286	91	21785	0.331	ppbv	99
71) 2-Chlorotoluene	10.908	91	17558	0.370	ppbv	99
72) 4-Ethyltoluene	11.128	105	16480	0.332	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	14915	0.341	ppbv	93
74) 1,2,4-Trimethylbenzene	11.542	105	17372	0.366	ppbv	95
75) 1,3-Dichlorobenzene	11.613	146	12970	0.461	ppbv	95
76) 1,4-Dichlorobenzene	11.675	146	11879	0.432	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	12185	0.437	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	9510	0.416	ppbv	97
79) Naphthalene	13.520	128	15877	0.332	ppbv #	92
80) Naphthalene,2-methyl-	14.468	142	6349	0.280	ppbv	88
81) 1,2,4-Trichlorobenzene	13.445	180	8539	0.366	ppbv	96

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

Instrument :

MSVOA L

ClientSampleId :

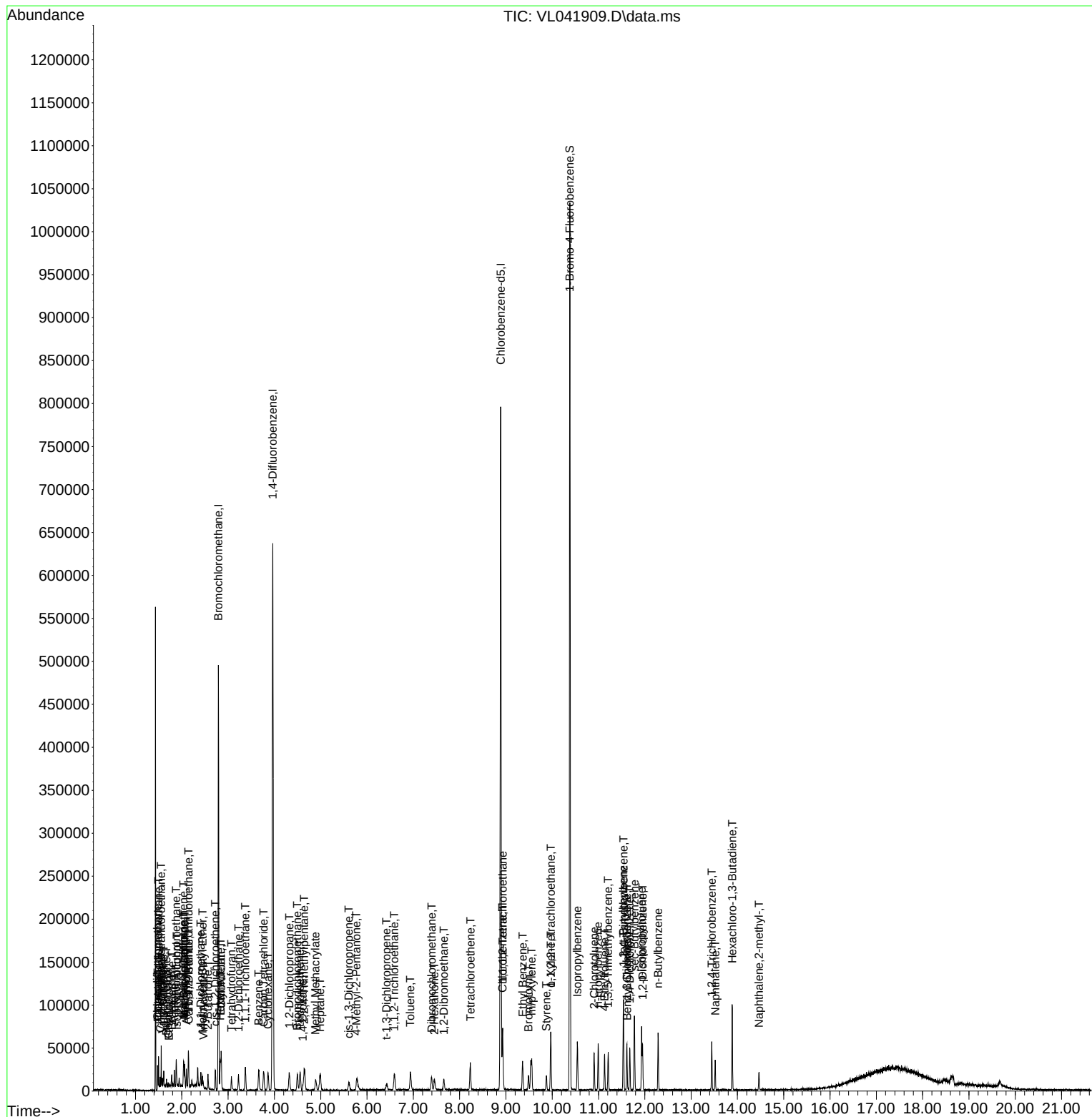
Quant Time: Jan 15 04:23:20 2025

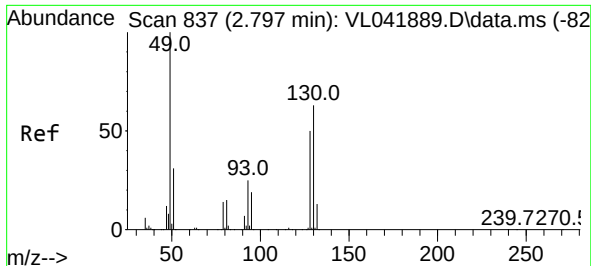
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

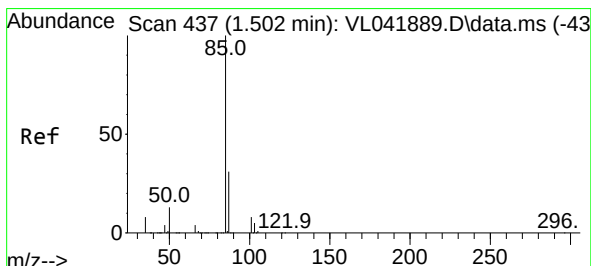
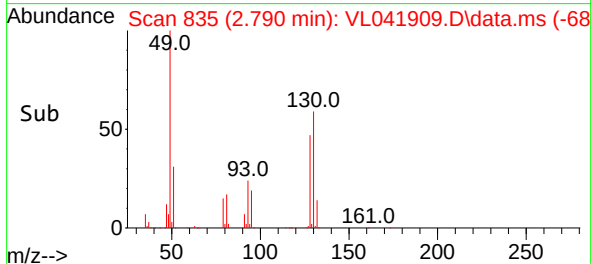
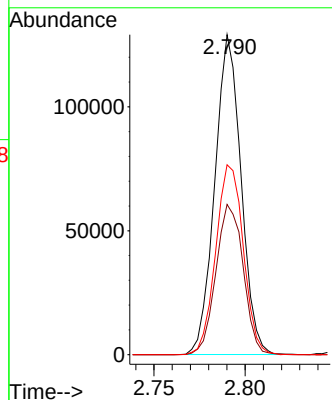
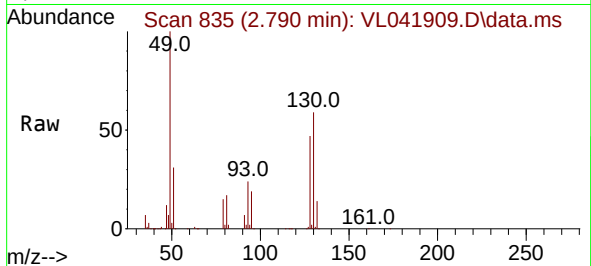




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

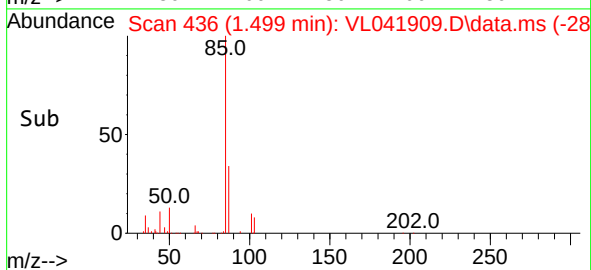
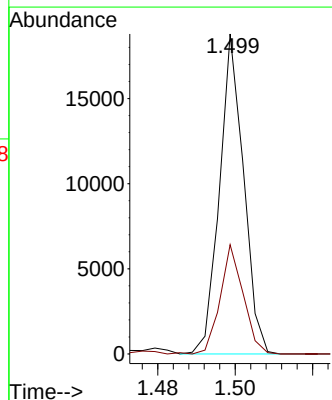
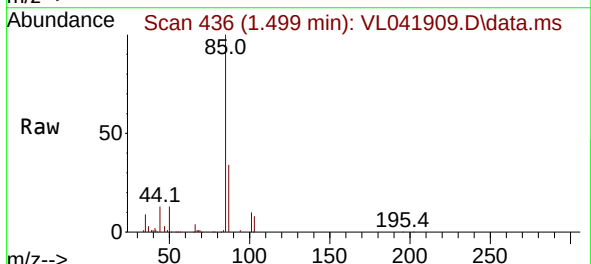
Instrument :
 MSVOA_L
 ClientSampleId :

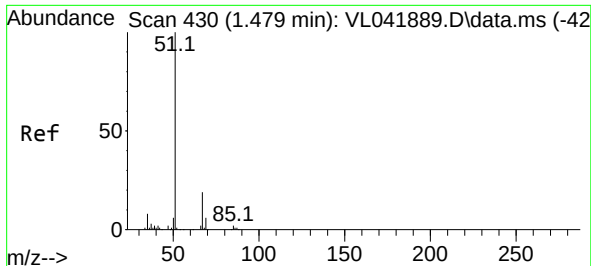
Tgt Ion: 49 Resp: 128860
 Ion Ratio Lower Upper
 49 100
 128 48.9 24.3 73.0
 130 62.5 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.463 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 85 Resp: 8120
 Ion Ratio Lower Upper
 85 100
 87 34.1 24.9 37.3

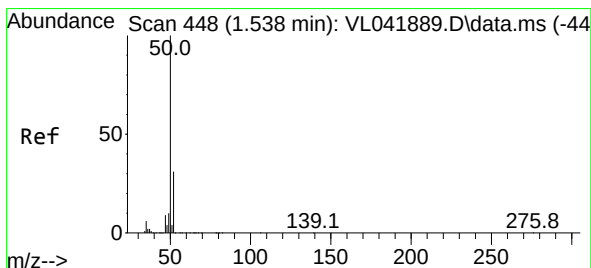
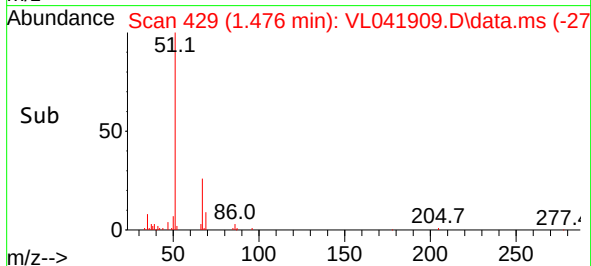
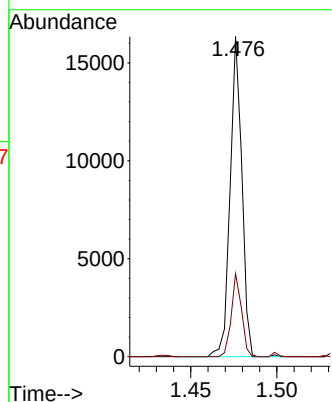
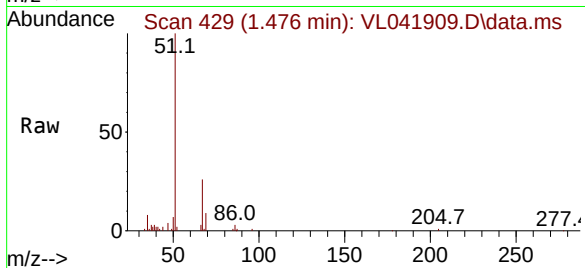




#3
Chlorodifluoromethane
Concen: 0.423 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

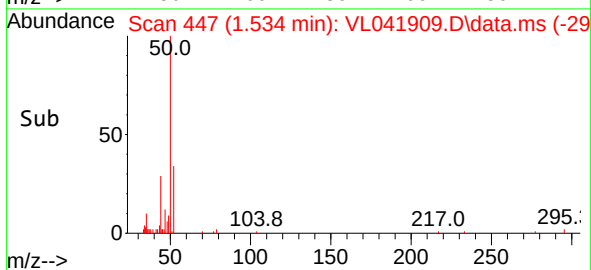
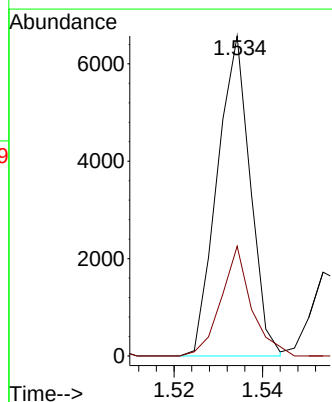
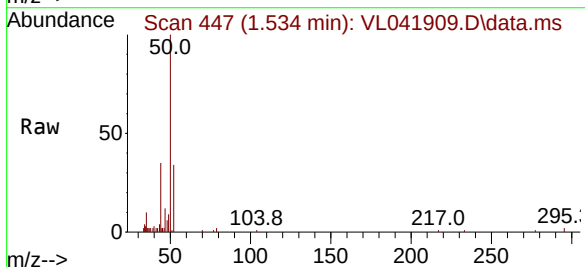
Instrument :
MSVOA_L
ClientSampleId :

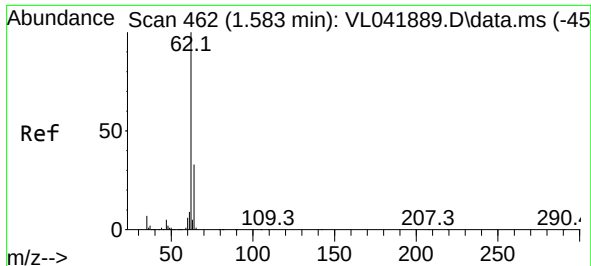
Tgt Ion: 51 Resp: 7777
Ion Ratio Lower Upper
51 100
67 23.2 15.0 22.4#



#4
Chloromethane
Concen: 0.516 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 50 Resp: 3403
Ion Ratio Lower Upper
50 100
52 34.3 24.6 36.8

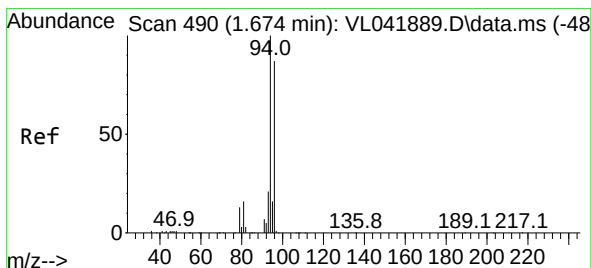
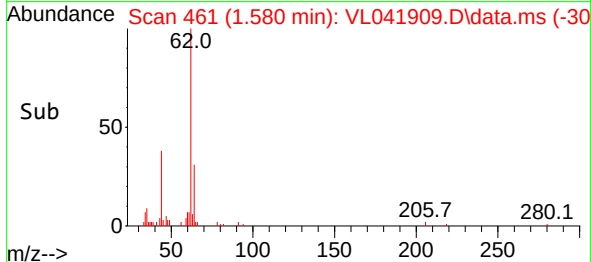
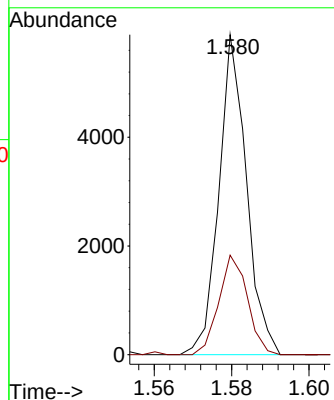
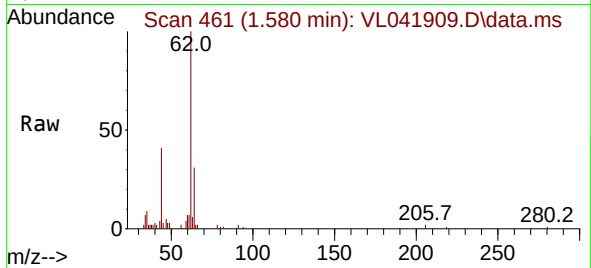




#5
 Vinyl Chloride
 Concen: 0.436 ppbv
 RT: 1.580 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

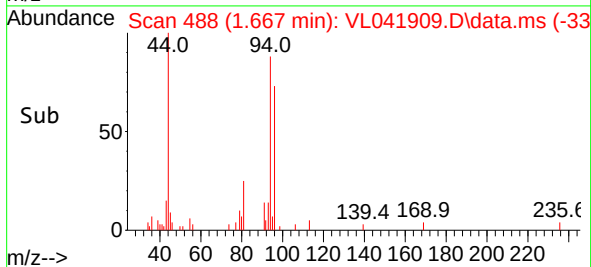
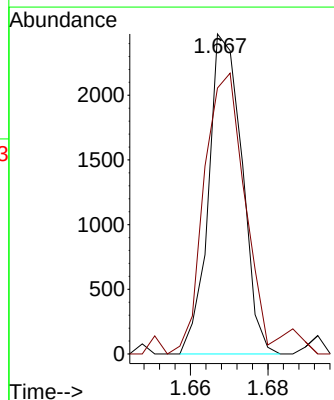
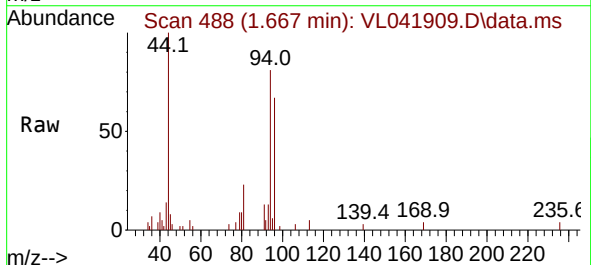
Instrument :
 MSVOA_L
 ClientSampleId :

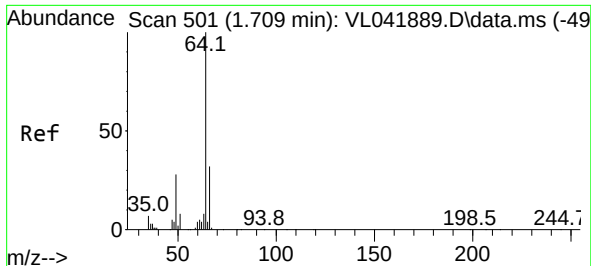
Tgt Ion: 62 Resp: 2912
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.1 39.1



#6
 Bromomethane
 Concen: 0.466 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.007 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 94 Resp: 1485
 Ion Ratio Lower Upper
 94 100
 96 80.6 69.5 104.3

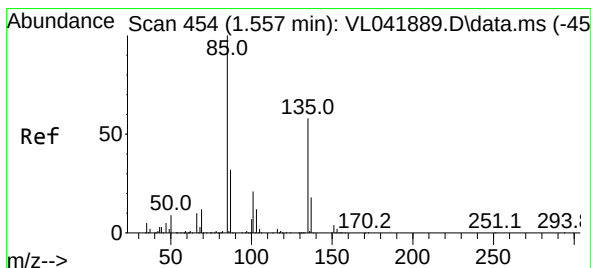
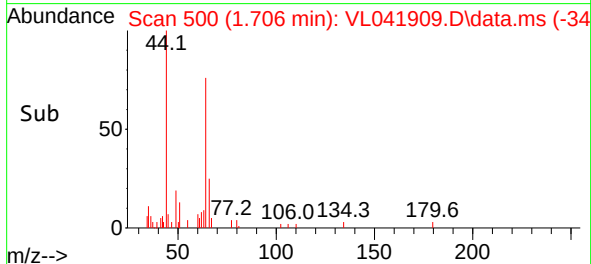
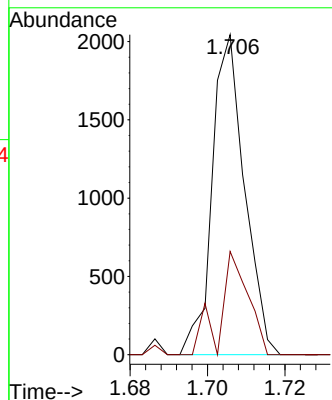
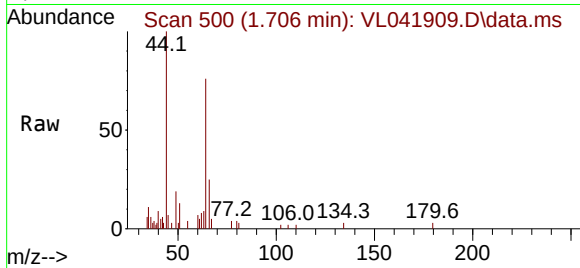




#7
Chloroethane
Concen: 0.457 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

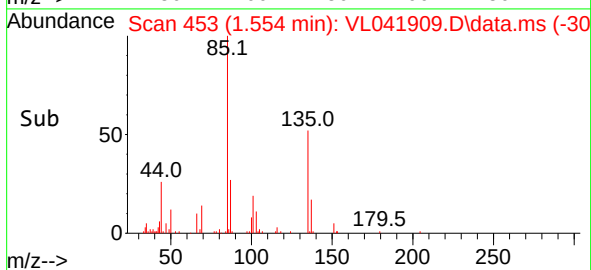
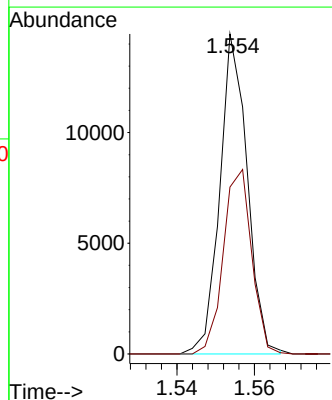
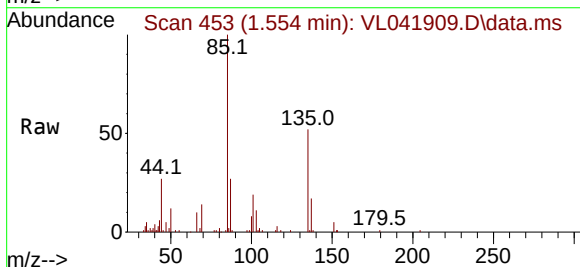
Instrument :
MSVOA_L
ClientSampleId :

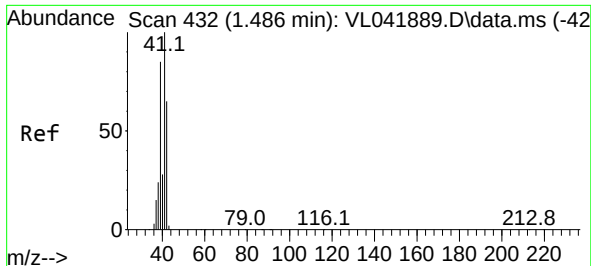
Tgt Ion: 64 Resp: 1188
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 0.463 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 85 Resp: 7096
Ion Ratio Lower Upper
85 100
135 59.7 50.0 75.0

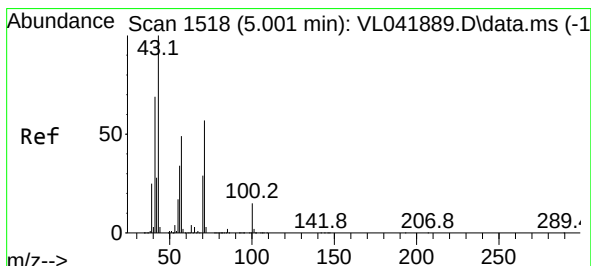
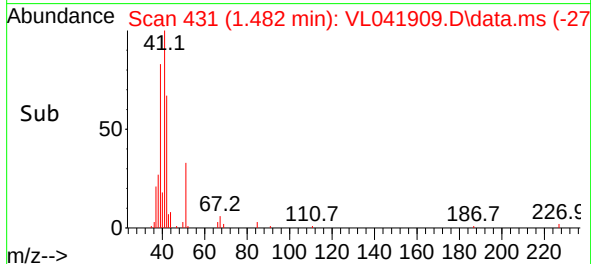
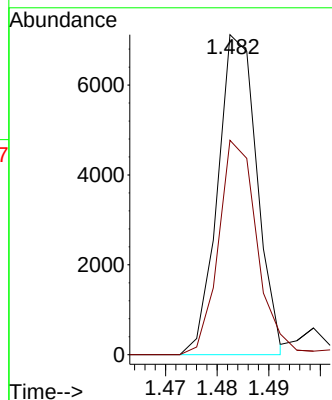
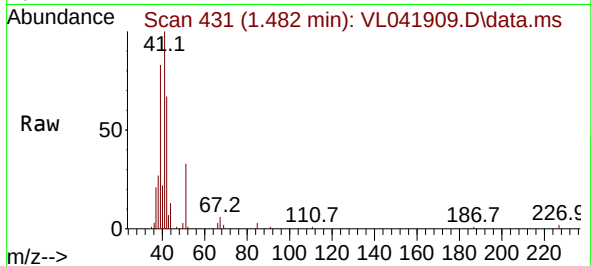




#9
Propene
Concen: 0.497 ppbv
RT: 1.482 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

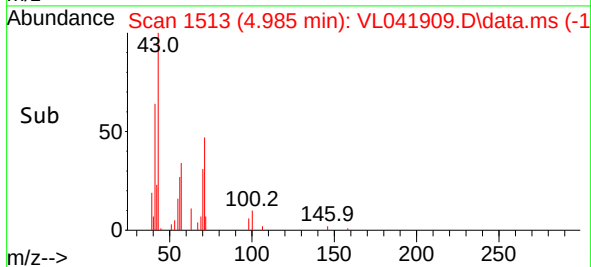
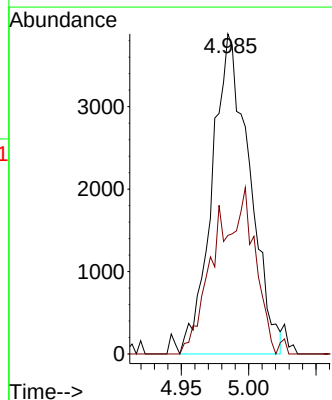
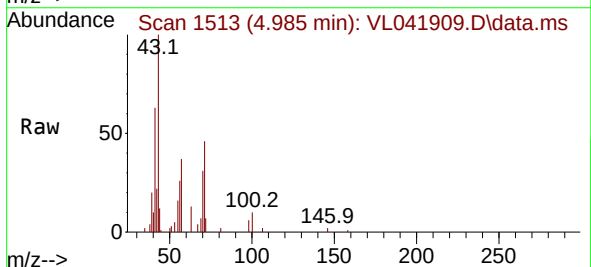
Instrument :
MSVOA_L
ClientSampleId :

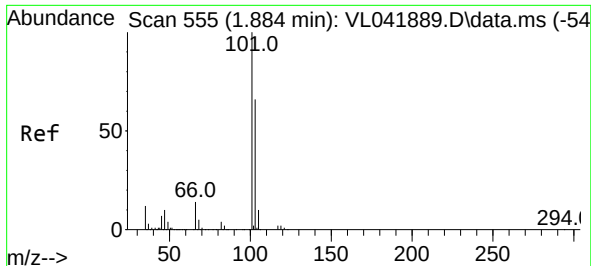
Tgt Ion: 41 Resp: 3762
Ion Ratio Lower Upper
41 100
42 67.7 52.0 78.0



#10
Heptane
Concen: 0.372 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. -0.016 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 43 Resp: 7527
Ion Ratio Lower Upper
43 100
57 55.3 41.0 61.4

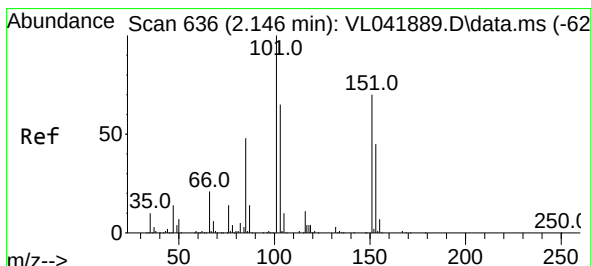
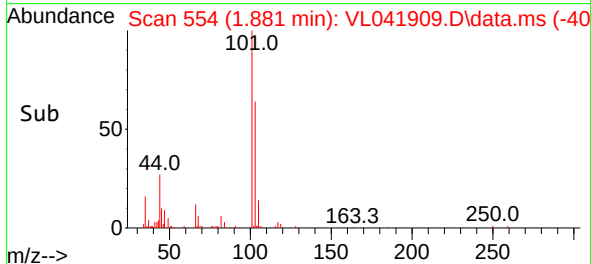
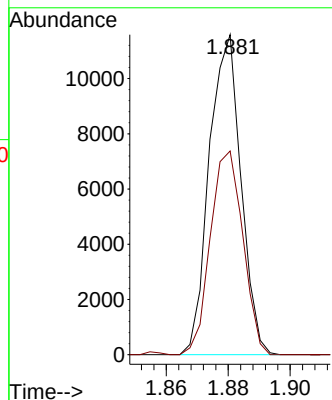
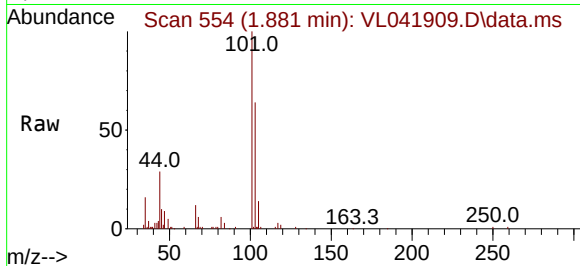




#11
 Trichlorofluoromethane
 Concen: 0.451 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

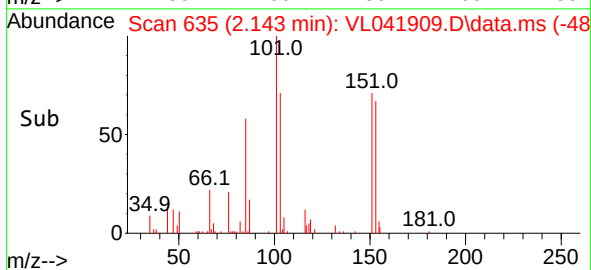
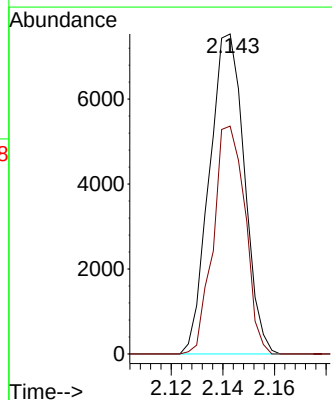
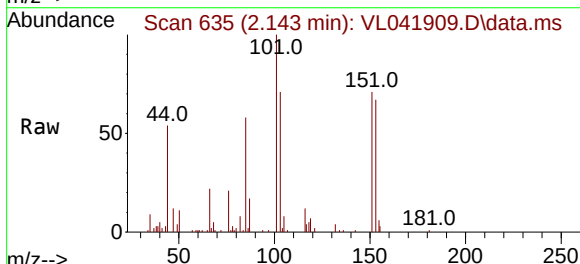
Instrument :
 MSVOA_L
 ClientSampleId :

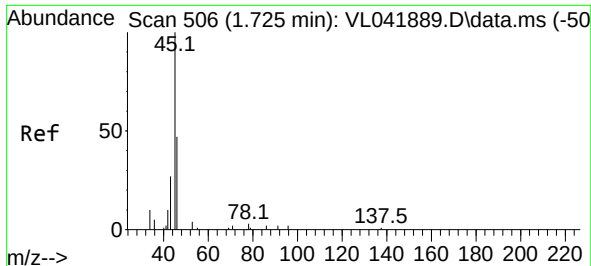
Tgt Ion:101 Resp: 8237
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.496 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion:101 Resp: 7095
 Ion Ratio Lower Upper
 101 100
 151 64.6 56.1 84.1

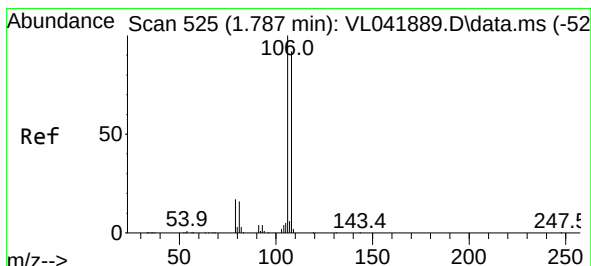
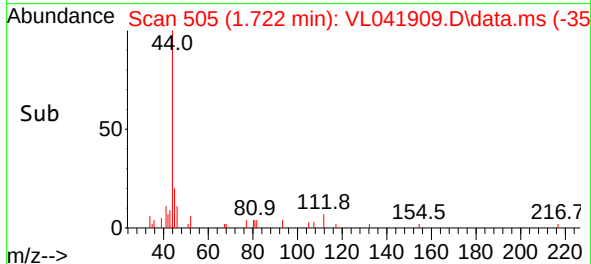
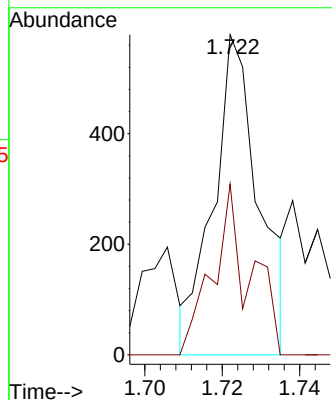
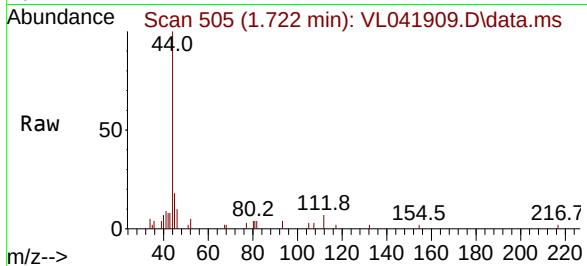




#13
 Ethanol
 Concen: 0.854 ppbv
 RT: 1.722 min Scan# 506
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

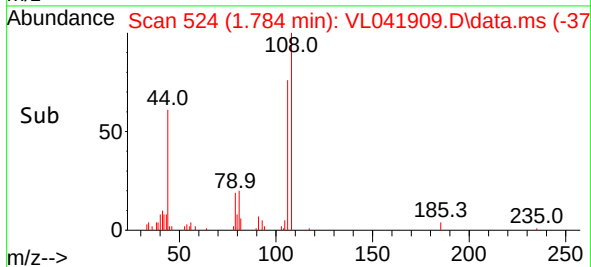
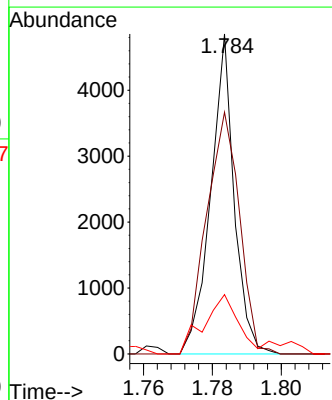
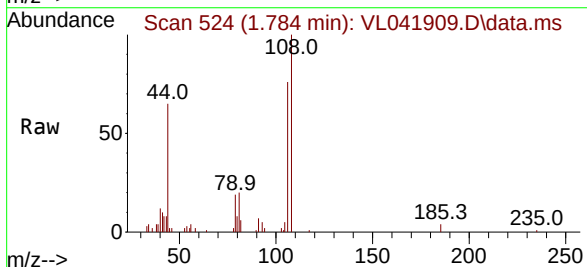
Instrument :
 MSVOA_L
 ClientSampleId :

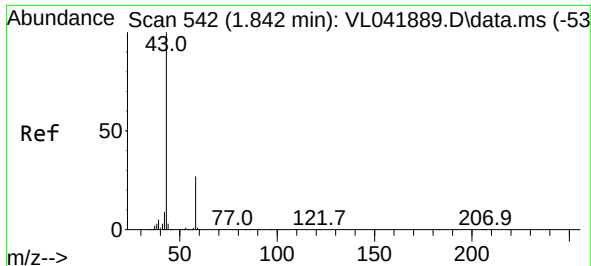
Tgt Ion: 45 Resp: 474
 Ion Ratio Lower Upper
 45 100
 46 43.5 18.1 72.5



#14
 Bromoethene
 Concen: 0.439 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 108 Resp: 2298
 Ion Ratio Lower Upper
 108 100
 106 105.3 85.5 128.3
 79 34.9 15.3 22.9#

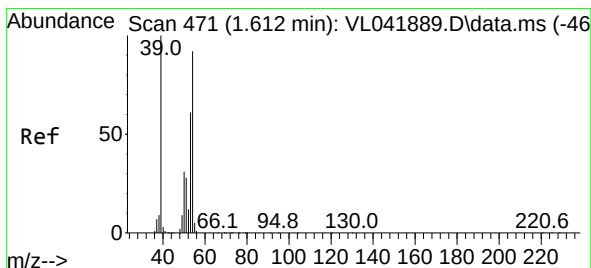
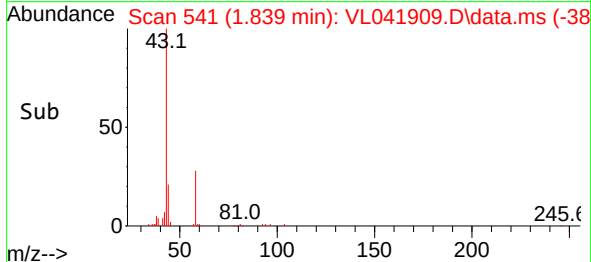
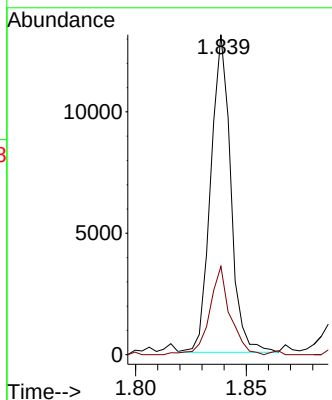
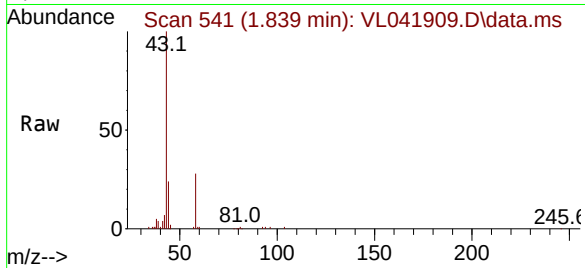




#15
Acetone
Concen: 0.529 ppbv
RT: 1.839 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

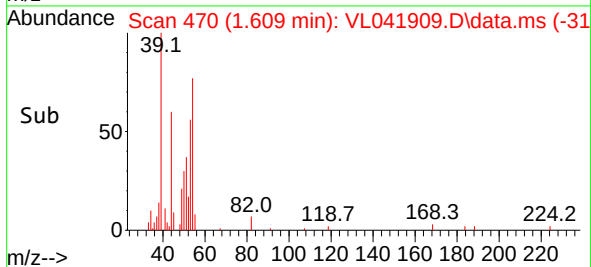
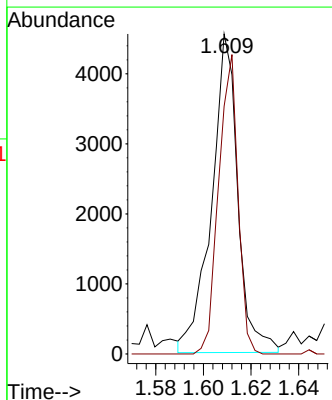
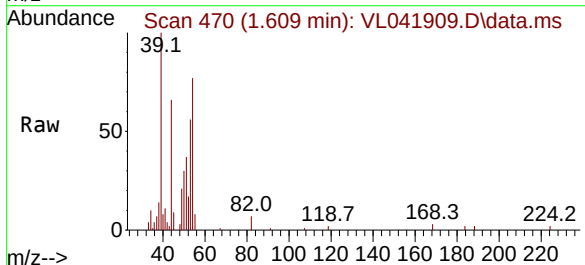
Instrument :
MSVOA_L
ClientSampleId :

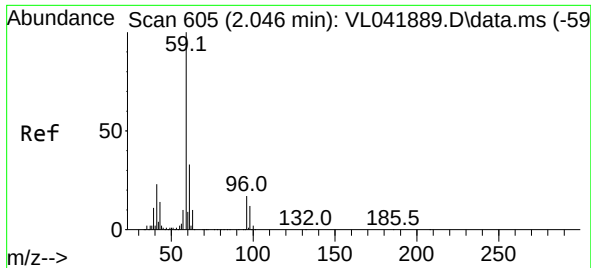
Tgt Ion: 43 Resp: 8191
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9



#16
1,3-Butadiene
Concen: 0.502 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

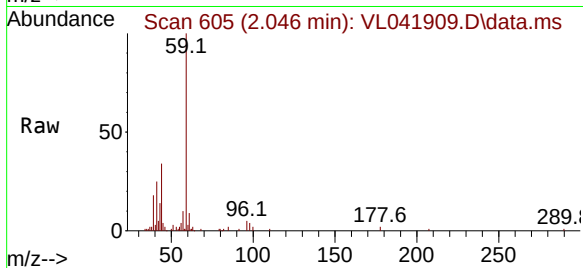
Tgt Ion: 39 Resp: 3484
Ion Ratio Lower Upper
39 100
54 69.0 61.6 92.4



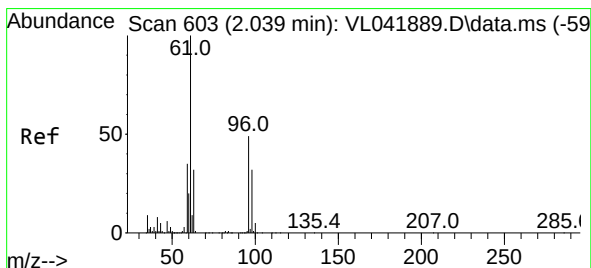
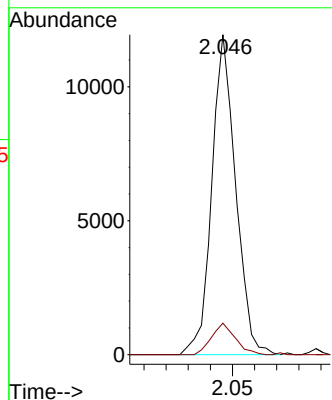
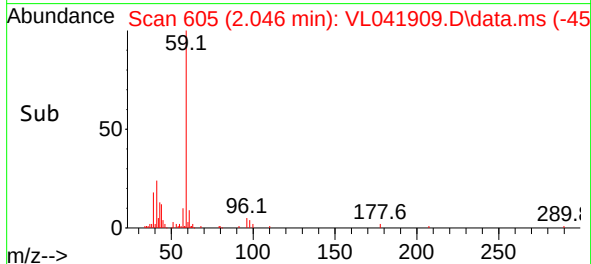


#17
tert-Butyl alcohol
Concen: 0.470 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.000 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

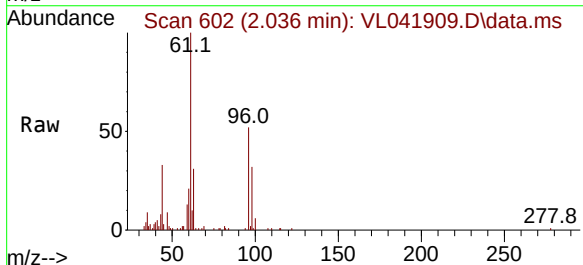
Instrument :
MSVOA_L
ClientSampleId :



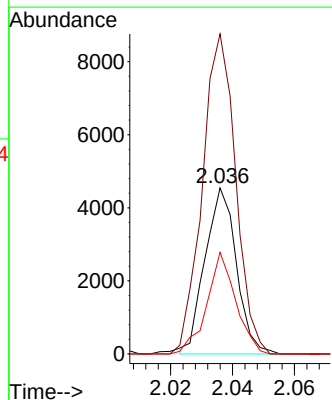
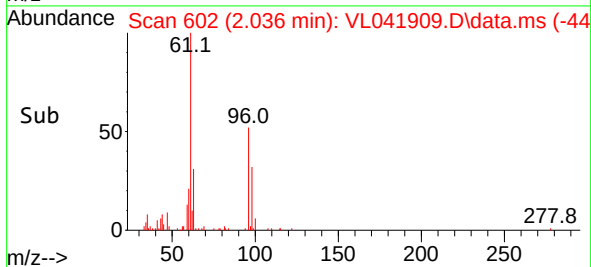
Tgt Ion: 59 Resp: 8947
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

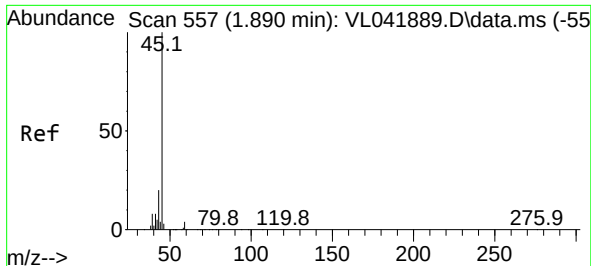


#18
1,1-Dichloroethene
Concen: 0.494 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52



Tgt Ion: 96 Resp: 3189
Ion Ratio Lower Upper
96 100
61 192.7 163.1 244.7
98 61.2 52.7 79.1

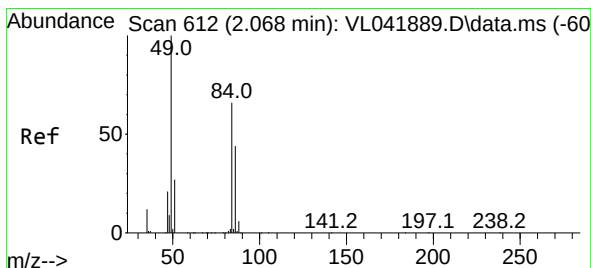
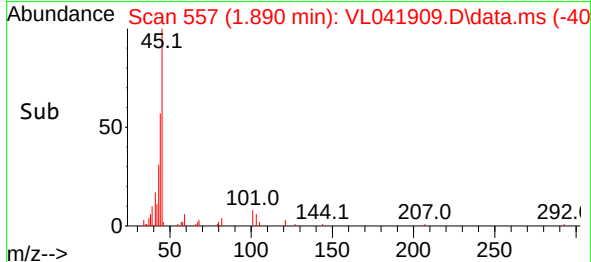
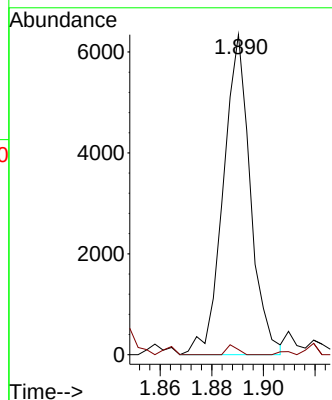
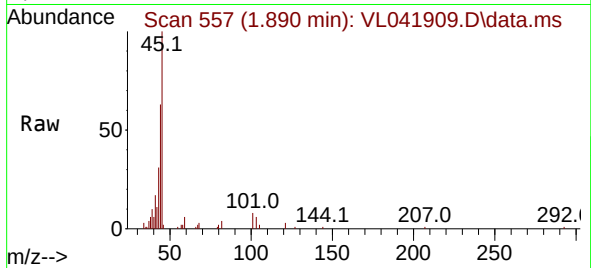




#19
Isopropyl Alcohol
Concen: 0.504 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

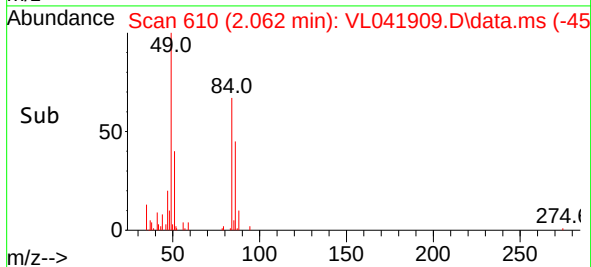
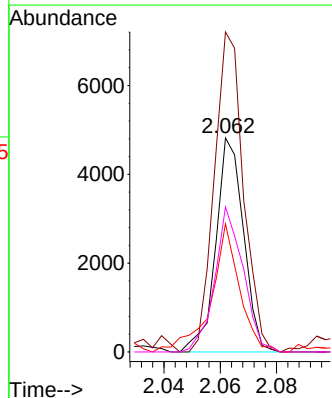
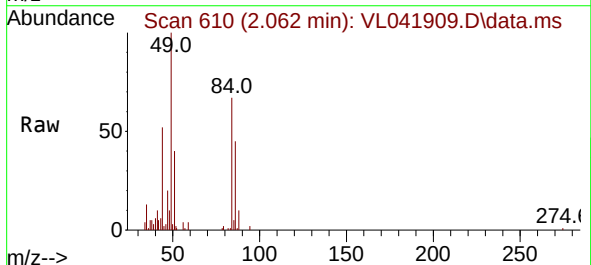
Instrument :
MSVOA_L
ClientSampleId :

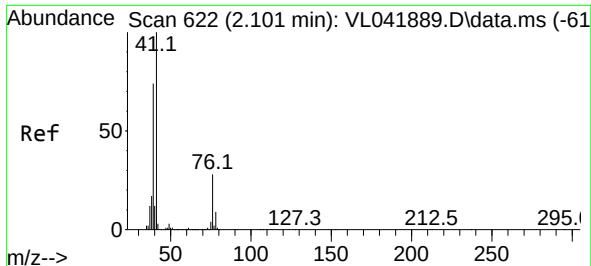
Tgt Ion: 45 Resp: 4628
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.538 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 84 Resp: 3288
Ion Ratio Lower Upper
84 100
49 149.4 123.1 184.7
51 62.9 35.8 53.8#
86 67.7 53.7 80.5

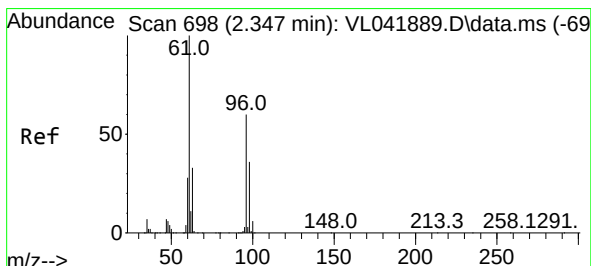
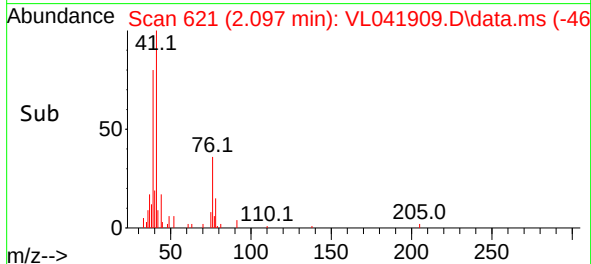
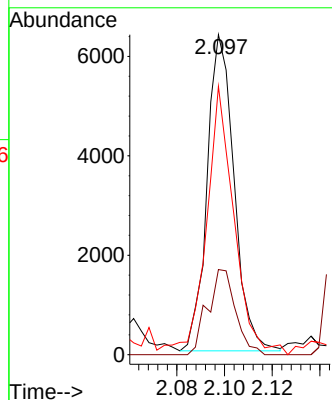
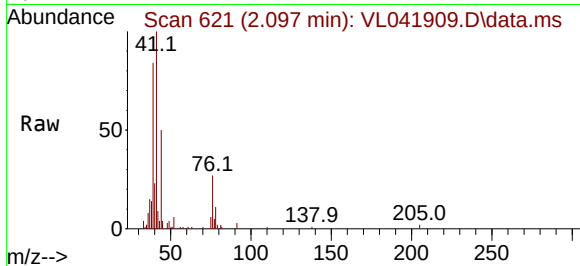




#21
 Allyl Chloride
 Concen: 0.468 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

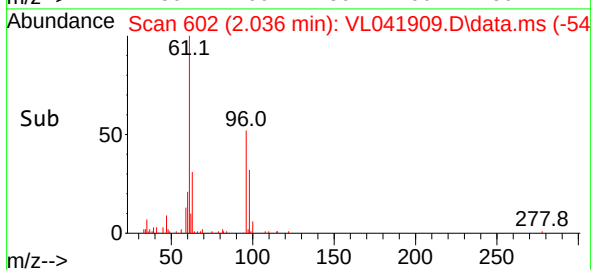
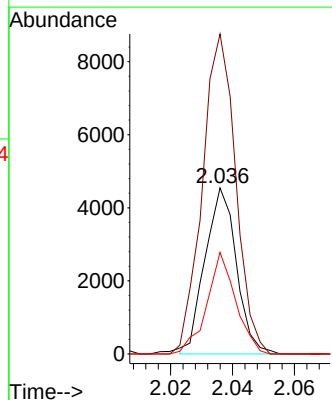
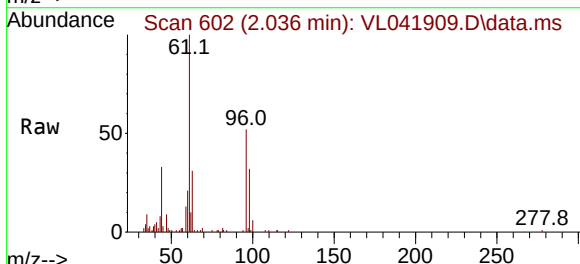
Instrument :
 MSVOA_L
 ClientSampleId :

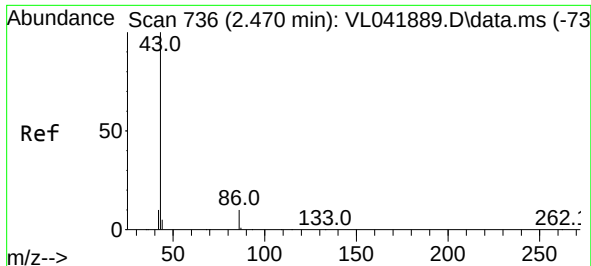
Tgt Ion: 41 Resp: 5012
 Ion Ratio Lower Upper
 41 100
 76 27.8 24.2 36.4
 39 81.4 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.438 ppbv
 RT: 2.036 min Scan# 602
 Delta R.T. -0.311 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

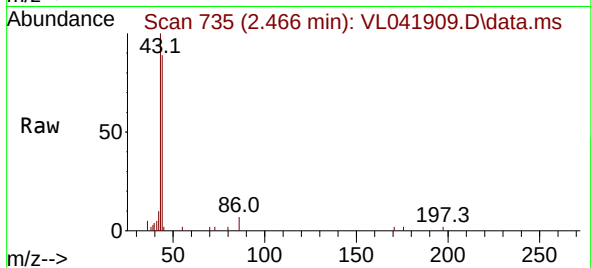
Tgt Ion: 96 Resp: 3189
 Ion Ratio Lower Upper
 96 100
 61 192.7 134.5 201.7
 98 61.2 48.9 73.3



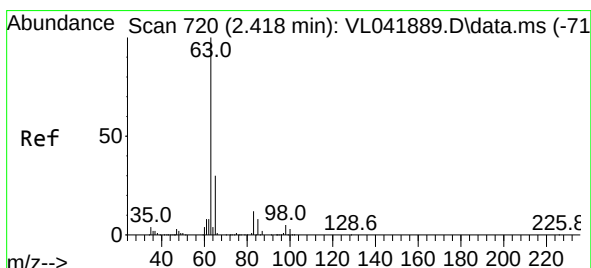
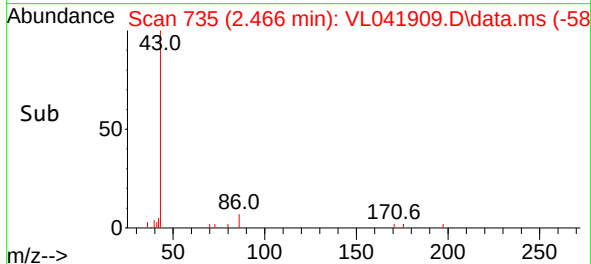
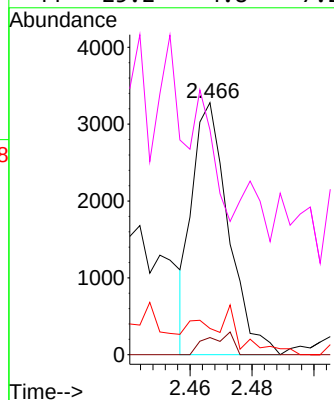


#23
 Vinyl Acetate
 Concen: 0.346 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Instrument :
 MSVOA_L
 ClientSampleId :

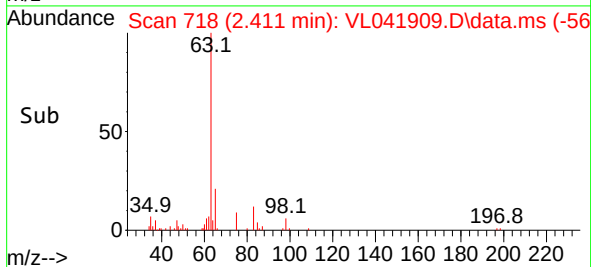
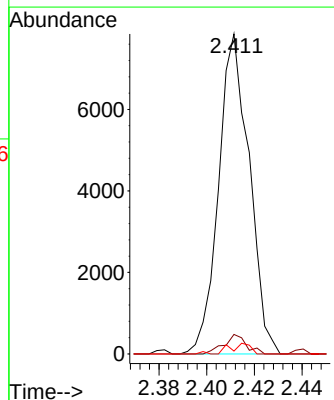
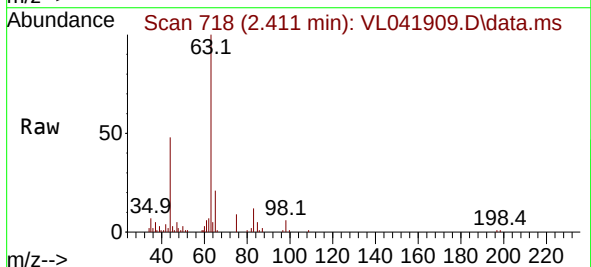


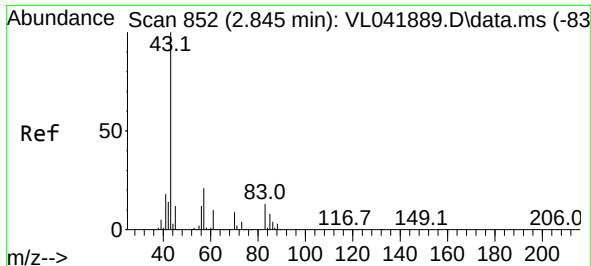
Tgt Ion: 43	Resp: 2655
Ion Ratio	Lower Upper
43 100	
86 6.8	6.2 9.4
42 8.1	8.5 12.7#
44 25.2	4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.499 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 63	Resp: 7024
Ion Ratio	Lower Upper
63 100	
98 6.1	2.6 7.8
100 0.9	1.4 4.2#



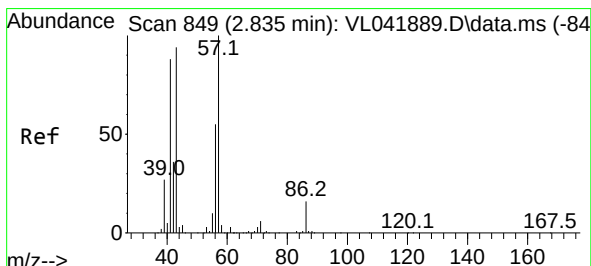
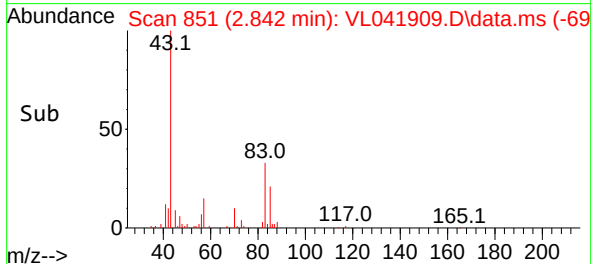
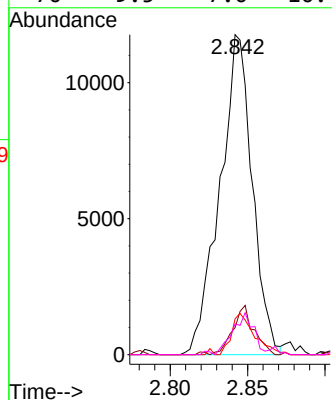
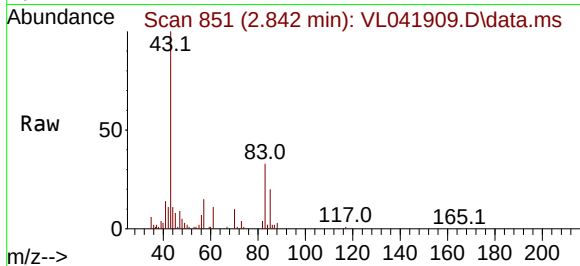


#25
Ethyl Acetate
Concen: 0.411 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 17135

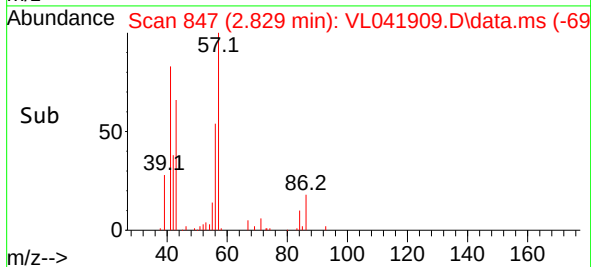
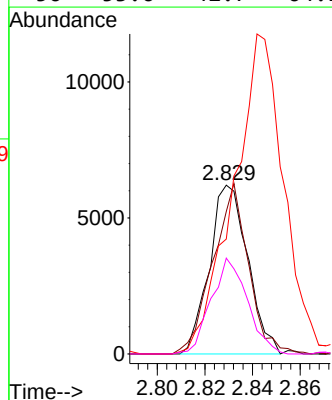
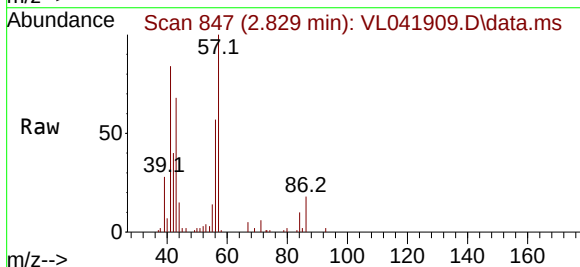
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.4	7.4	11.0
70	9.5	7.0	10.4

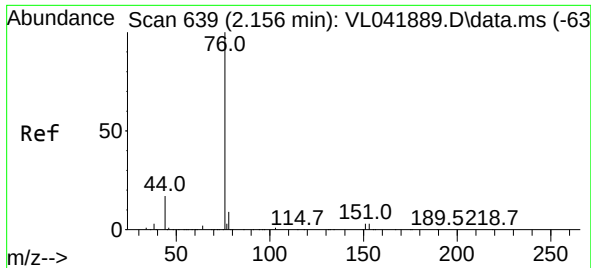


#26
Hexane
Concen: 0.421 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 57 Resp: 6946

Ion	Ratio	Lower	Upper
57	100		
41	94.4	73.8	110.8
43	253.8	197.3	295.9
56	53.6	42.7	64.1





#27

Carbon Disulfide

Concen: 0.413 ppbv

RT: 2.152 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041909.D

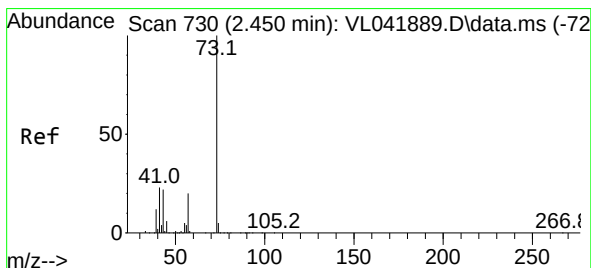
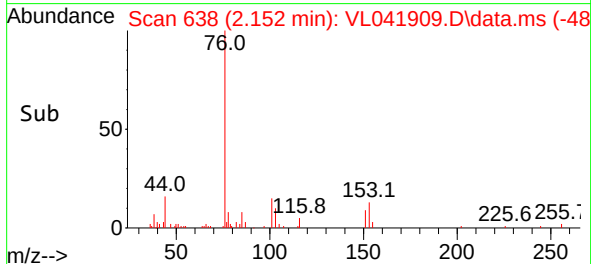
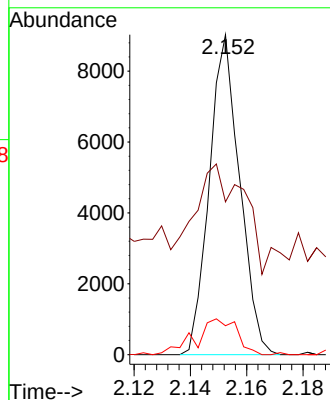
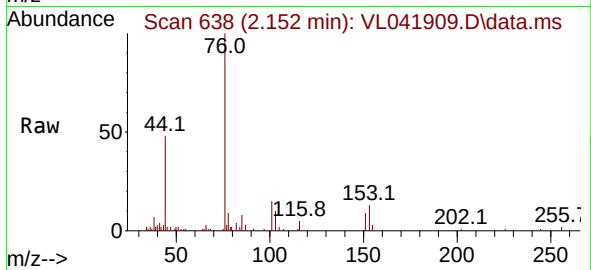
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 6747
Ion Ratio	Lower Upper
76 100	
44 82.9	15.4 23.0#
78 15.4	9.3 13.9#



#28

Methyl tert-Butyl Ether

Concen: 0.323 ppbv

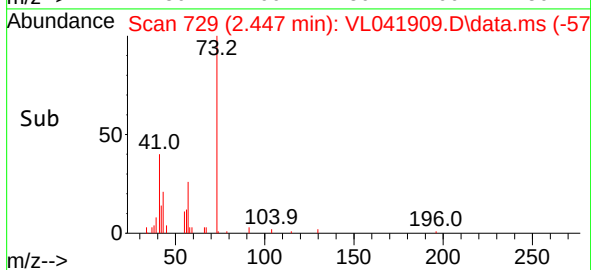
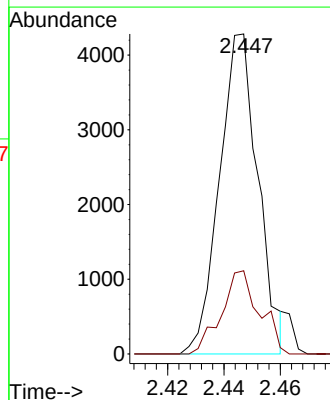
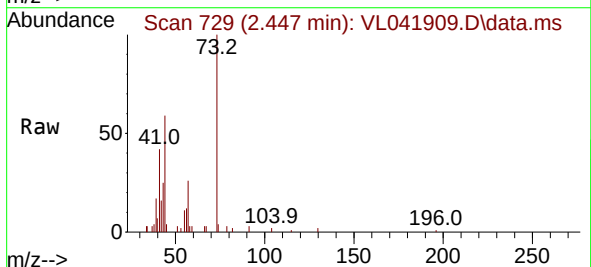
RT: 2.447 min Scan# 729

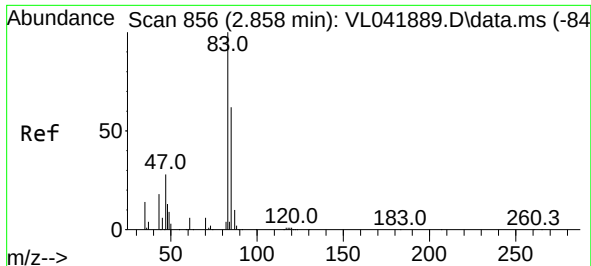
Delta R.T. -0.003 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion: 73	Resp: 4069		
Ion Ratio	Lower	Upper	
73 100			
57 25.7	18.1	27.1	





#29

Chloroform

Concen: 0.450 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

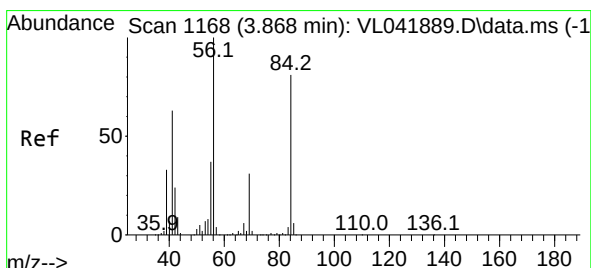
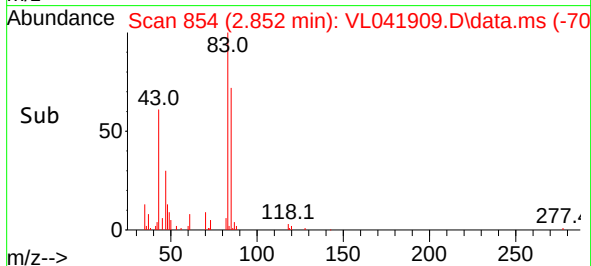
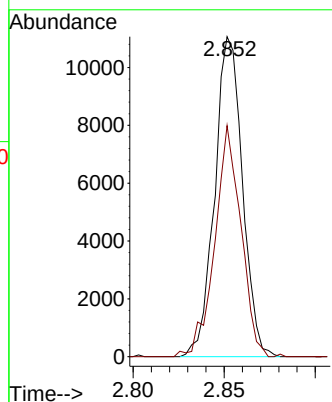
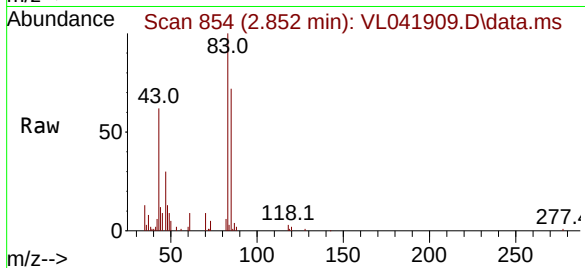
ClientSampleId :

Tgt Ion: 83 Resp: 11730

Ion Ratio Lower Upper

83 100

85 71.4 50.1 75.1



#30

Cyclohexane

Concen: 0.170 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.010 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

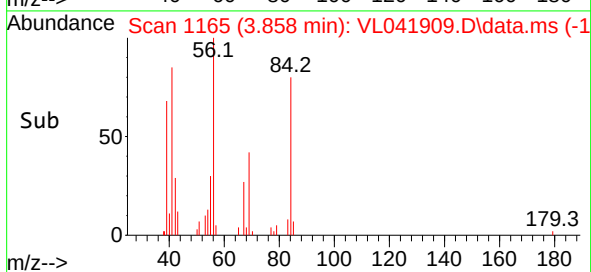
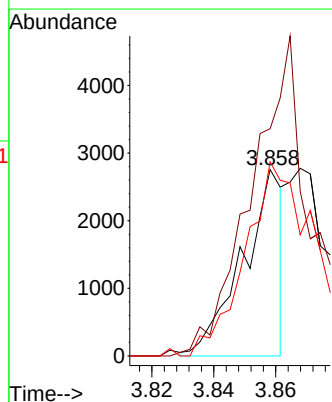
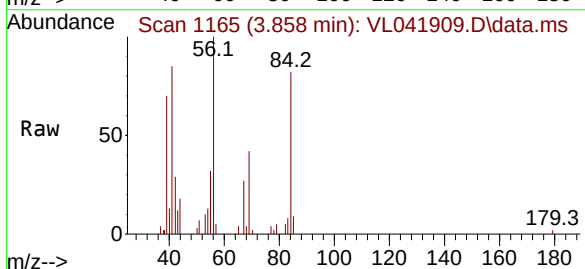
Tgt Ion: 84 Resp: 2440

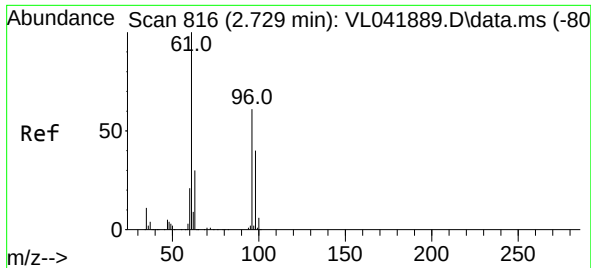
Ion Ratio Lower Upper

84 100

56 0.0 99.3 148.9#

41 185.7 64.3 96.5#

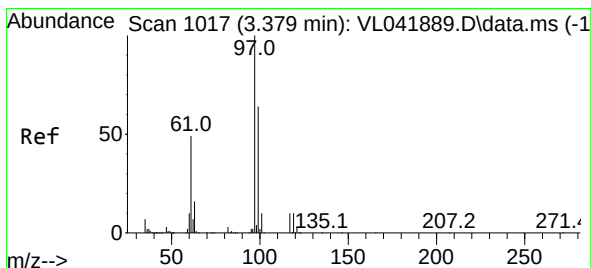
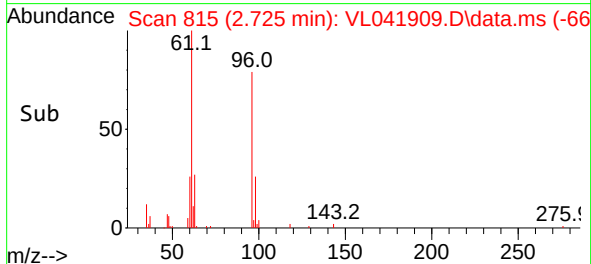
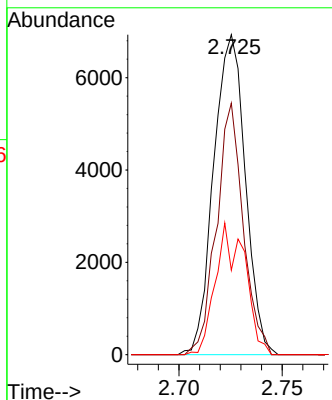
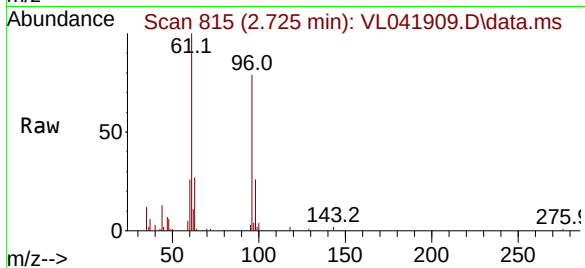




#31
 cis-1,2-Dichloroethene
 Concen: 0.425 ppbv
 RT: 2.725 min Scan# 816
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

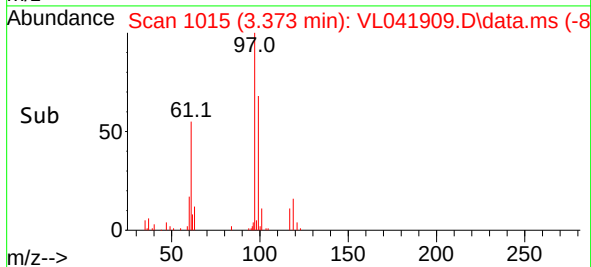
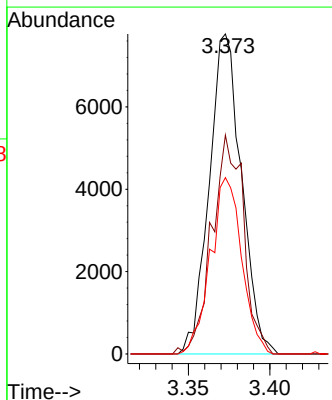
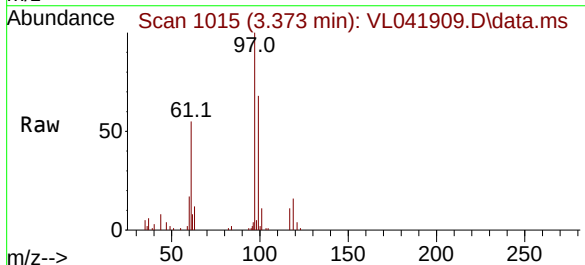
Instrument :
 MSVOA_L
 ClientSampleId :

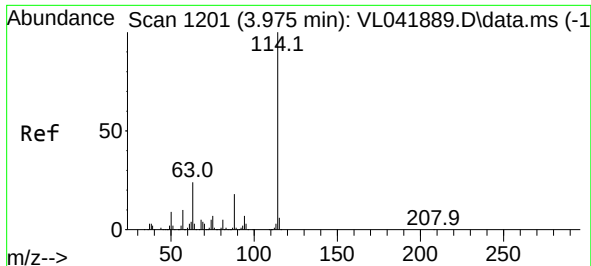
Tgt Ion: 61 Resp: 7392
 Ion Ratio Lower Upper
 61 100
 96 78.6 48.7 73.1#
 98 26.4 31.6 47.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.429 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.007 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 97 Resp: 10701
 Ion Ratio Lower Upper
 97 100
 99 66.9 51.1 76.7
 61 53.3 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: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

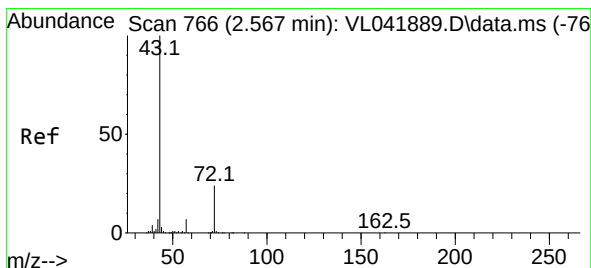
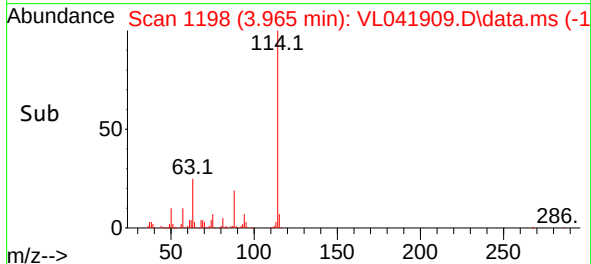
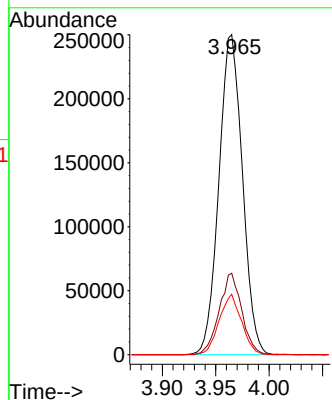
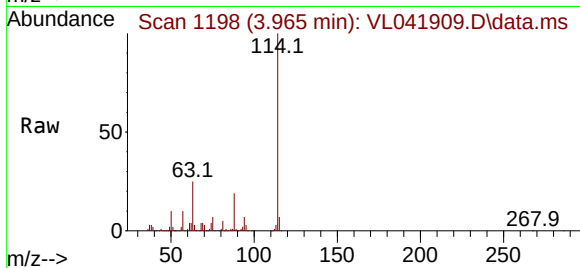
Tgt Ion:114 Resp: 383295

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 0.443 ppbv

RT: 2.564 min Scan# 765

Delta R.T. -0.003 min

Lab File: VL041909.D

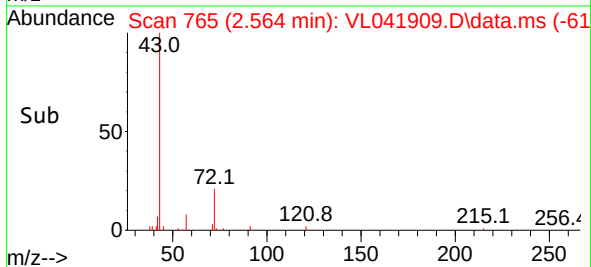
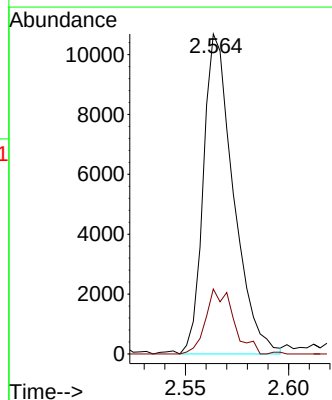
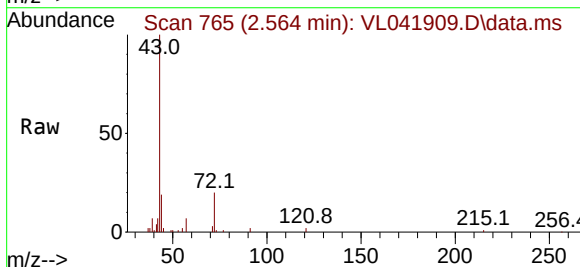
Acq: 15 Jan 2025 00:52

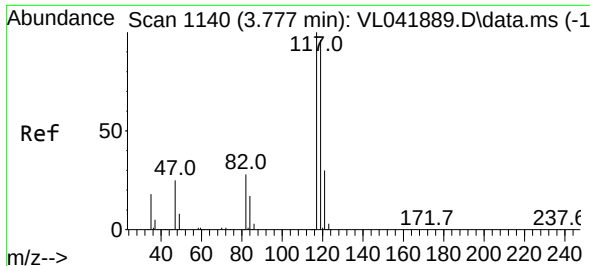
Tgt Ion: 43 Resp: 10801

Ion Ratio Lower Upper

43 100

72 18.9 18.6 28.0

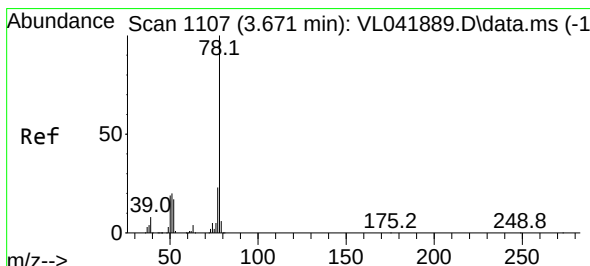
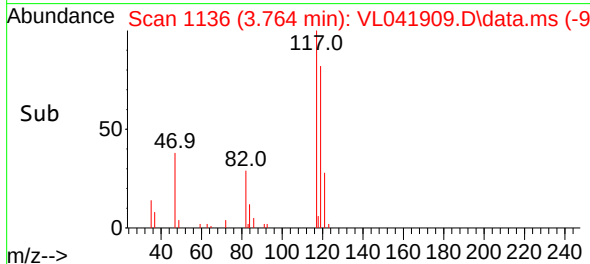
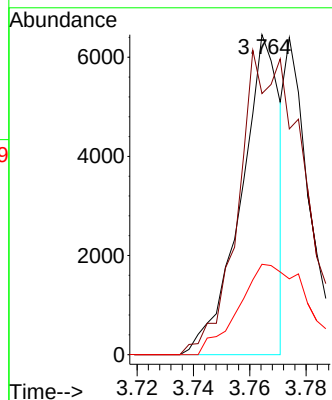
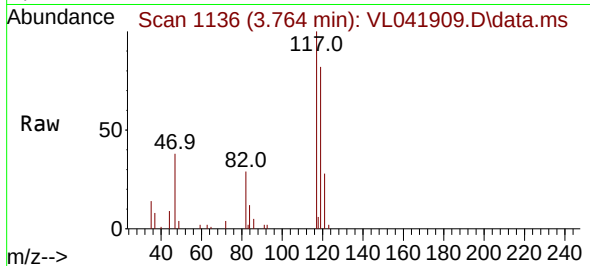




#35
Carbon Tetrachloride
Concen: 0.257 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.013 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

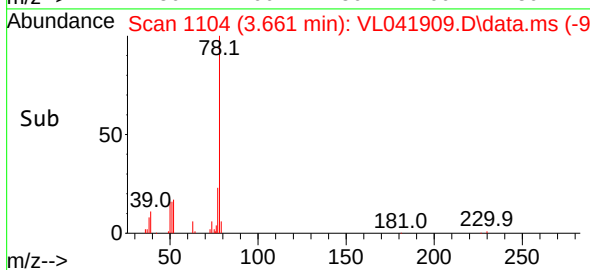
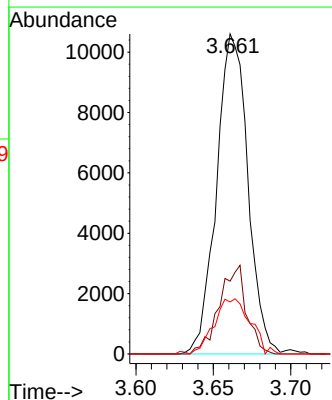
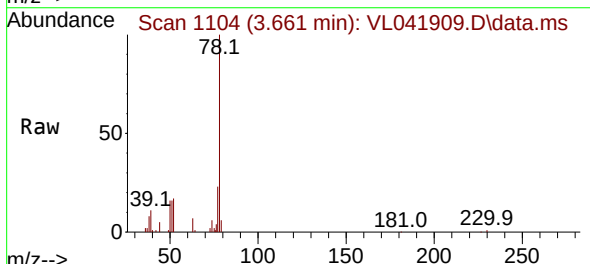
Instrument :
MSVOA_L
ClientSampleId :

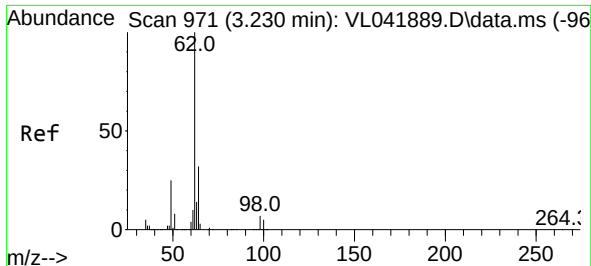
Tgt Ion:117 Resp: 6198
Ion Ratio Lower Upper
117 100
119 81.6 76.9 115.3
121 28.2 23.8 35.6



#36
Benzene
Concen: 0.424 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.010 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 78 Resp: 14900
Ion Ratio Lower Upper
78 100
77 22.8 18.1 27.1
50 16.3 15.2 22.8





#37

1,2-Dichloroethane

Concen: 0.471 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

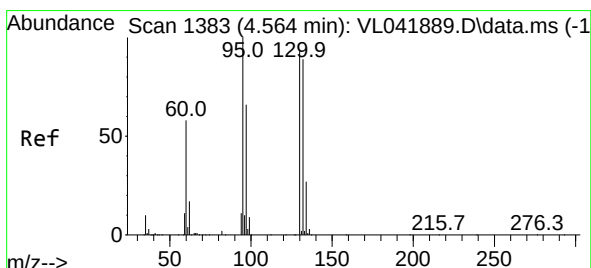
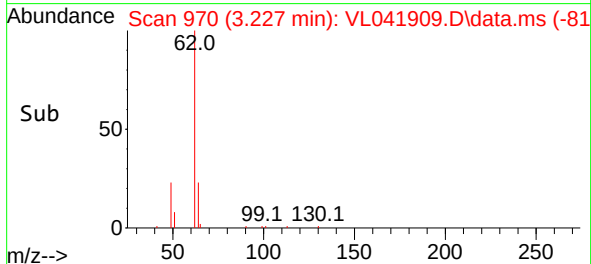
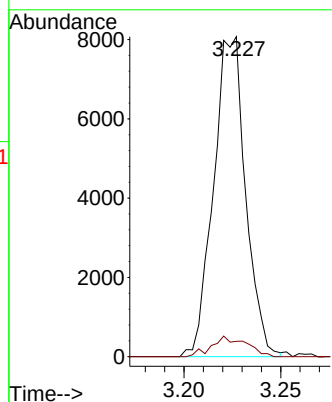
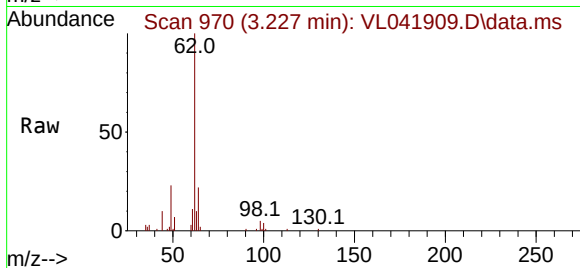
ClientSampleId :

Tgt Ion: 62 Resp: 9306

Ion Ratio Lower Upper

62 100

98 6.9 5.4 8.0



#38

Trichloroethene

Concen: 0.409 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. -0.013 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion:130 Resp: 5707

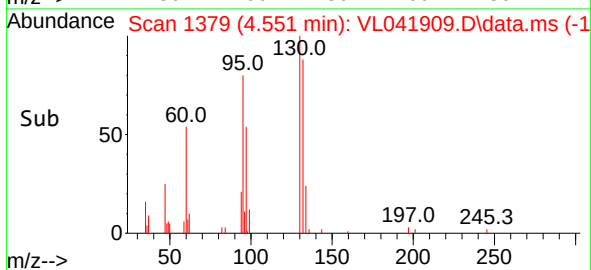
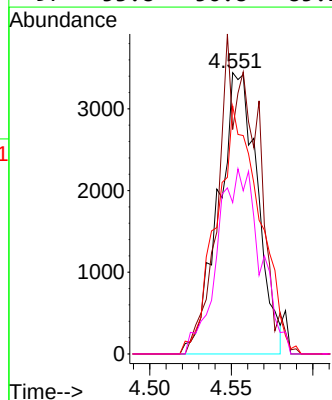
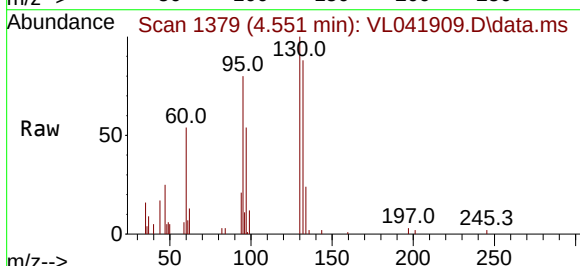
Ion Ratio Lower Upper

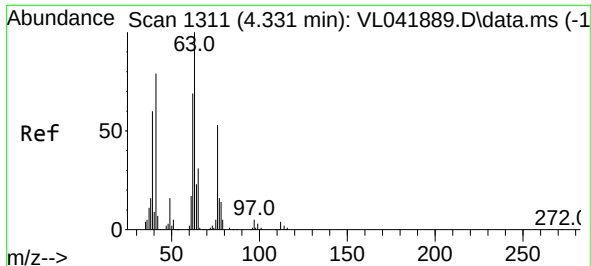
130 100

95 79.8 85.8 128.8#

132 88.2 76.5 114.7

97 53.8 56.8 85.2#





#39

1,2-Dichloropropane

Concen: 0.401 ppbv

RT: 4.321 min Scan# 1311

Delta R.T. -0.010 min

Lab File: VL041909.D

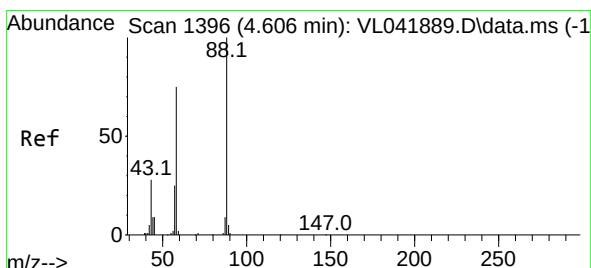
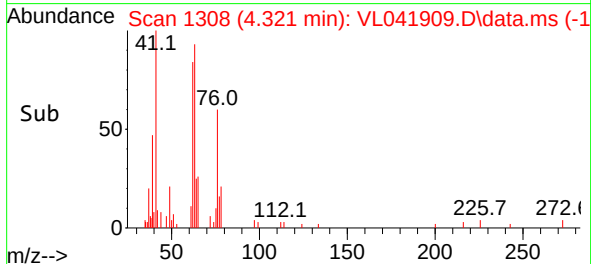
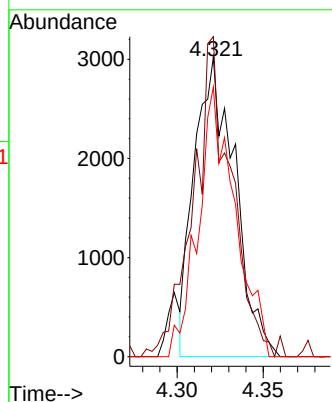
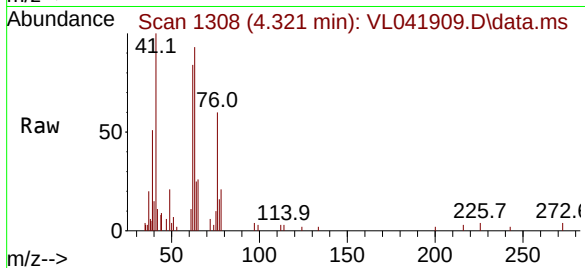
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63	Resp: 4945
Ion Ratio	Lower Upper
63	100
41	100.1 63.7 95.5#
62	90.1 55.4 83.2#



#40

1,4-Dioxane

Concen: 0.204 ppbv

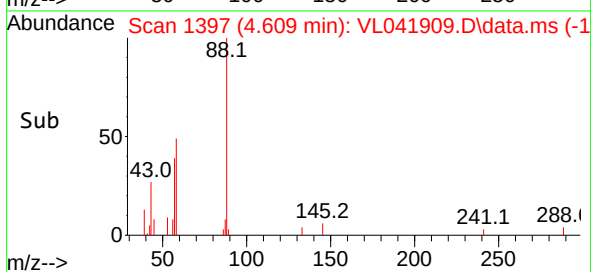
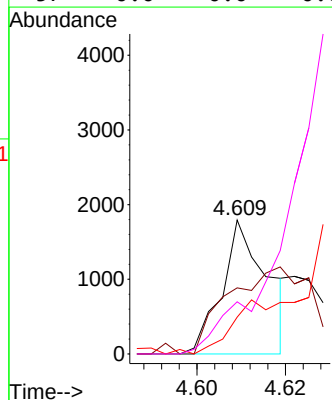
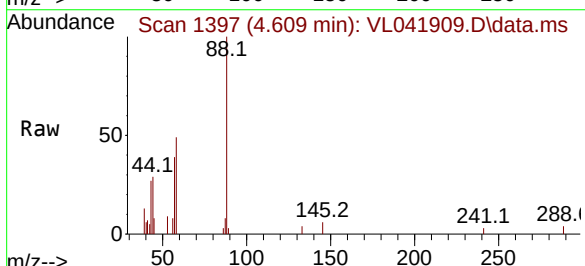
RT: 4.609 min Scan# 1397

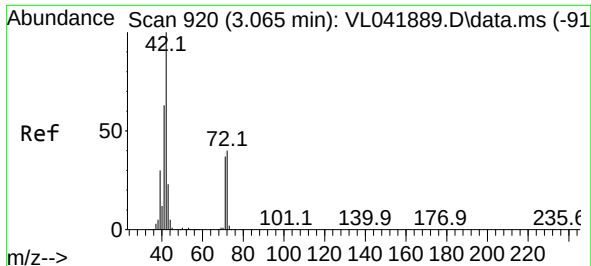
Delta R.T. 0.003 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

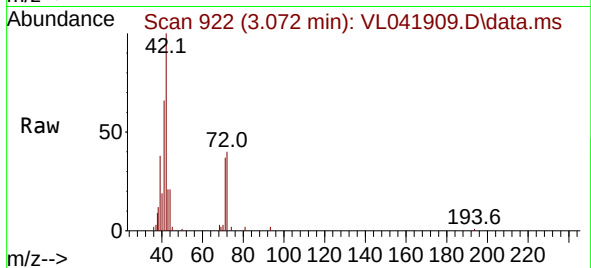
Tgt Ion: 88	Resp: 1269
Ion Ratio	Lower Upper
88	100
58	0.0 62.1 93.1#
43	0.0 0.0 0.0
57	0.0 0.0 0.0



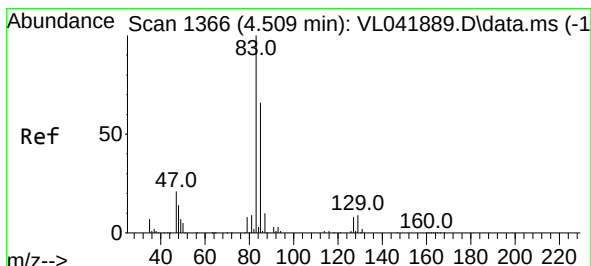
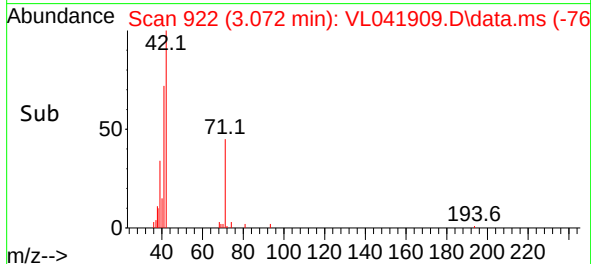
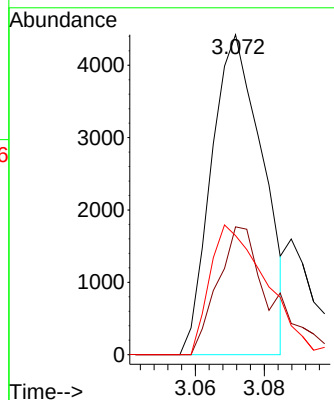


#41
Tetrahydrofuran
Concen: 0.346 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Instrument :
MSVOA_L
ClientSampleId :

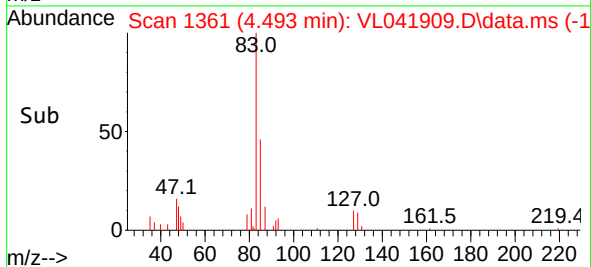
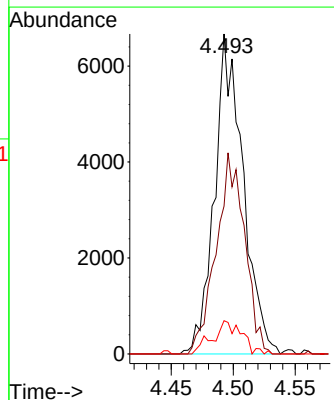
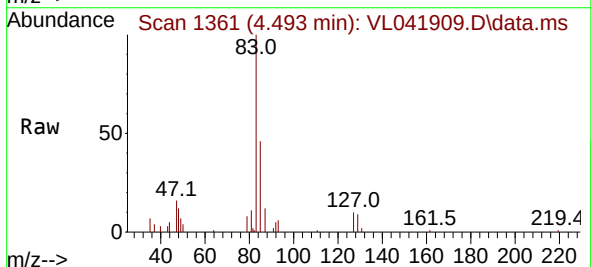


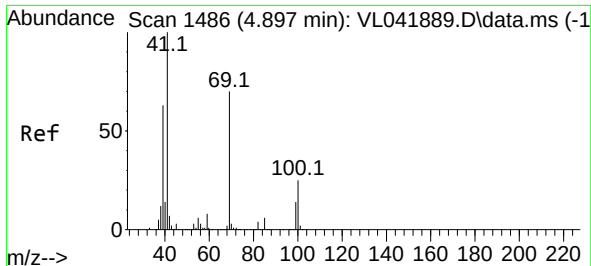
Tgt Ion: 42 Resp: 4585
Ion Ratio Lower Upper
42 100
72 44.1 32.3 48.5
71 45.5 29.9 44.9#



#42
Bromodichloromethane
Concen: 0.403 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.016 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 83 Resp: 10678
Ion Ratio Lower Upper
83 100
85 46.2 52.6 78.8#
127 10.4 6.4 9.6#

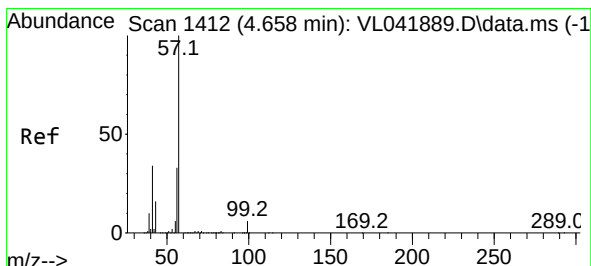
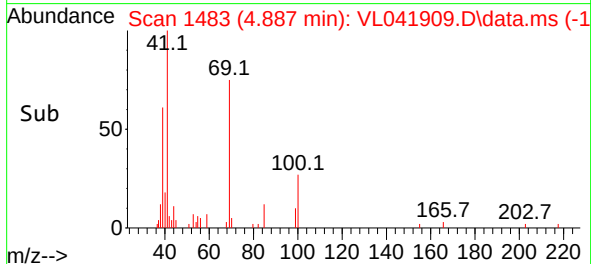
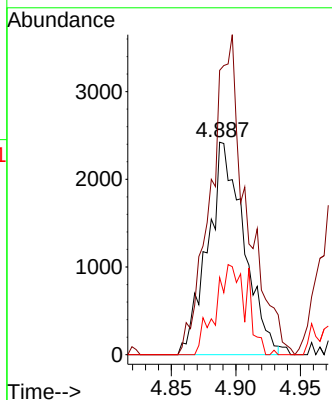
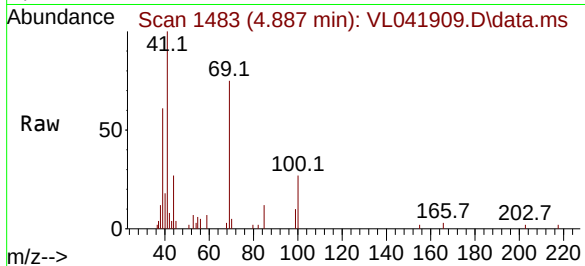




#43
Methyl Methacrylate
Concen: 0.362 ppbv
RT: 4.887 min Scan# 1483
Delta R.T. -0.010 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

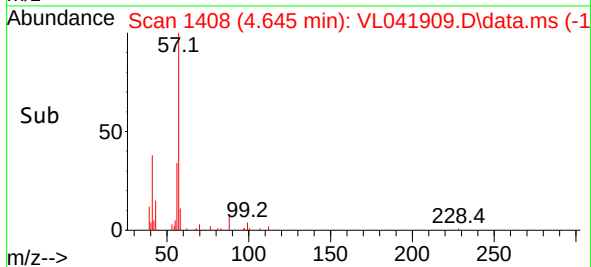
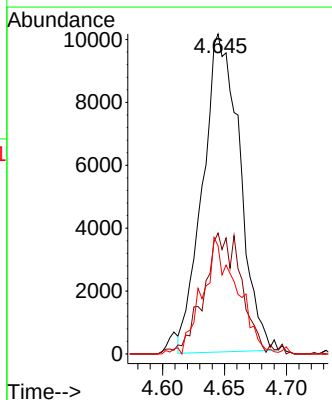
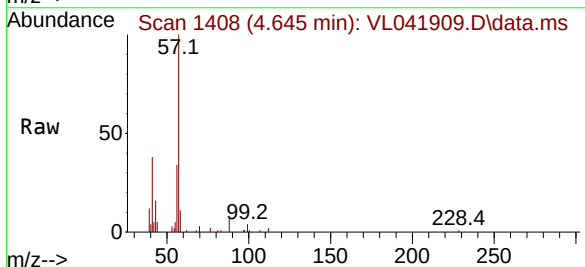
Instrument :
MSVOA_L
ClientSampleId :

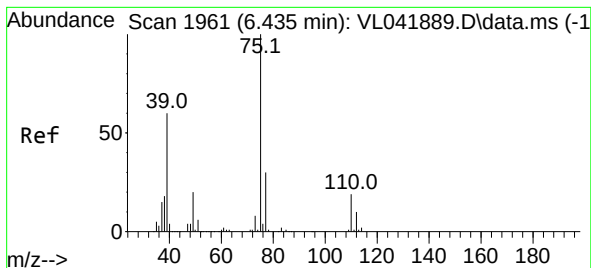
Tgt Ion: 69 Resp: 4723
Ion Ratio Lower Upper
69 100
41 148.1 118.6 177.8
100 36.9 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 0.371 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.013 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 57 Resp: 21097
Ion Ratio Lower Upper
57 100
41 39.5 26.6 40.0
56 34.5 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.190 ppbv

RT: 6.418 min Scan# 1961

Delta R.T. -0.016 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

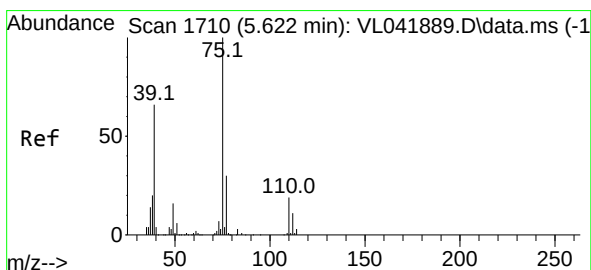
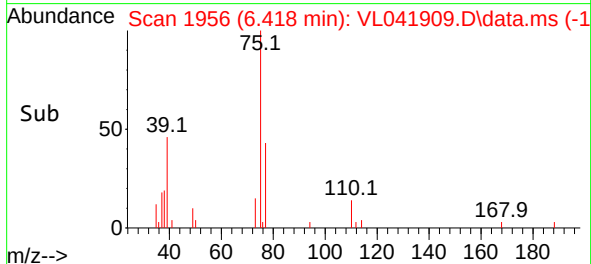
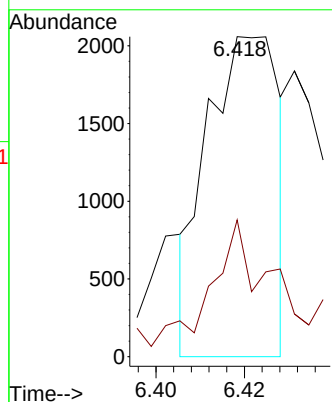
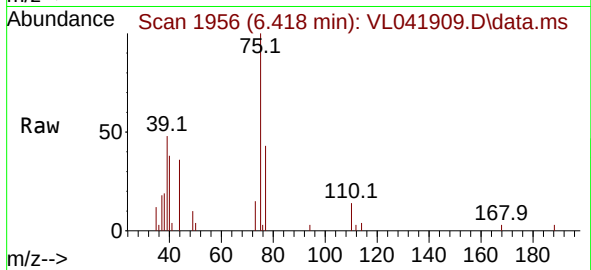
ClientSampleId :

Tgt Ion: 75 Resp: 2324

Ion Ratio Lower Upper

75 100

77 42.7 24.3 36.5#



#46

cis-1,3-Dichloropropene

Concen: 0.193 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. -0.019 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

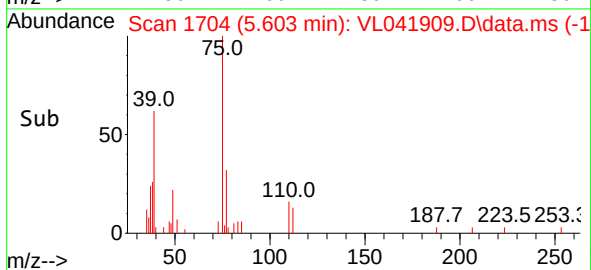
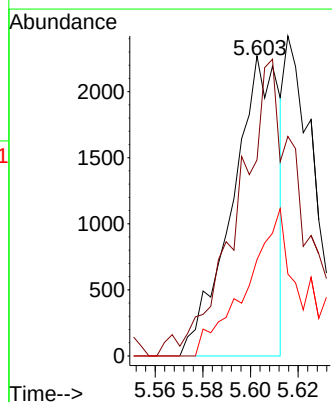
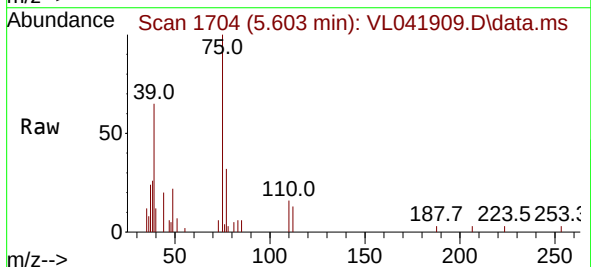
Tgt Ion: 75 Resp: 3092

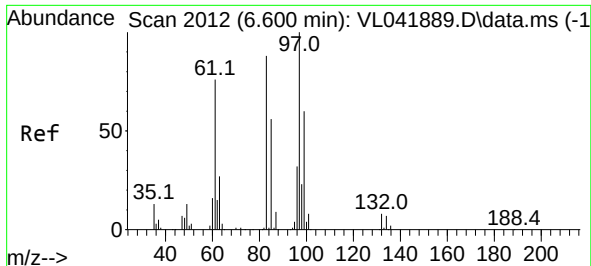
Ion Ratio Lower Upper

75 100

39 62.1 53.1 79.7

77 32.1 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 0.133 ppbv

RT: 6.590 min Scan# 20

Delta R.T. -0.010 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1744

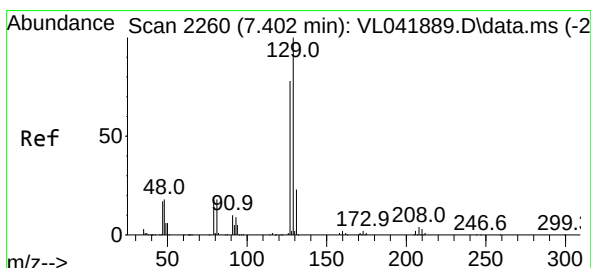
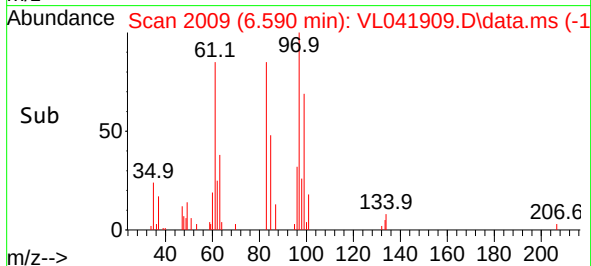
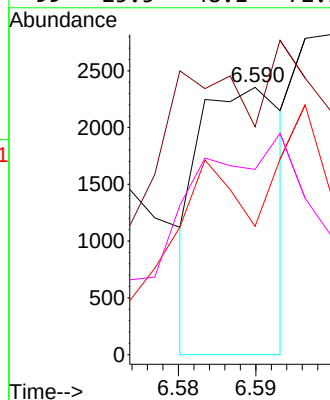
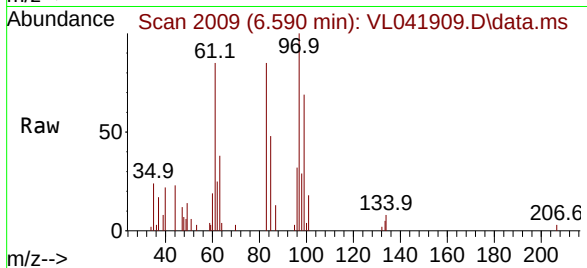
Ion Ratio Lower Upper

97 100

83 0.0 70.4 105.6#

85 0.6 45.0 67.4#

99 25.5 48.1 72.1#



#48

Dibromochloromethane

Concen: 0.326 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. -0.007 min

Lab File: VL041909.D

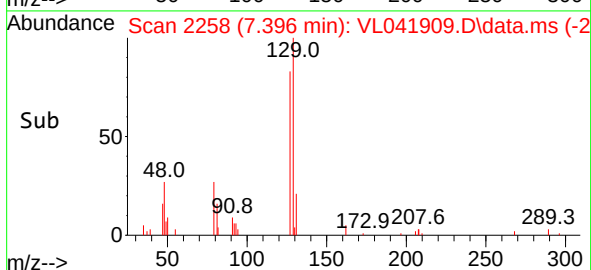
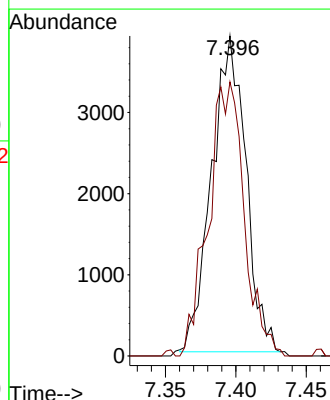
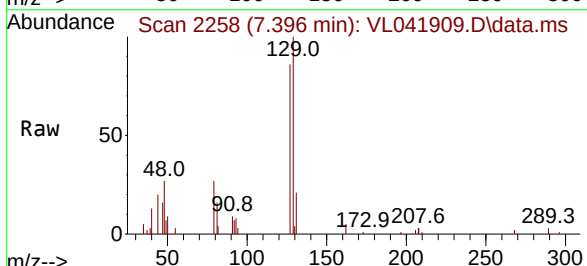
Acq: 15 Jan 2025 00:52

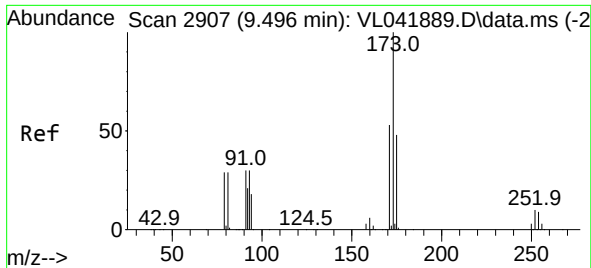
Tgt Ion: 129 Resp: 6582

Ion Ratio Lower Upper

129 100

127 91.4 39.3 117.8





#49

Bromoform

Concen: 0.333 ppbv

RT: 9.487 min Scan# 2907

Delta R.T. -0.010 min

Lab File: VL041909.D

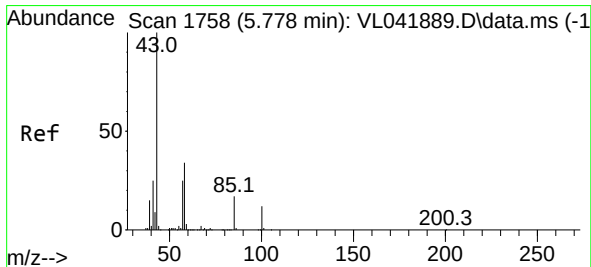
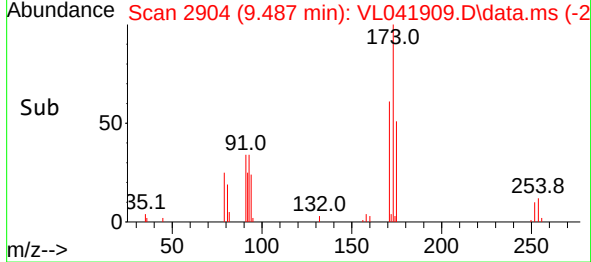
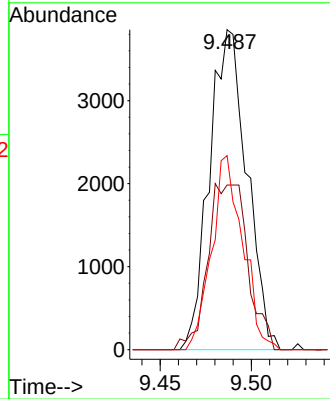
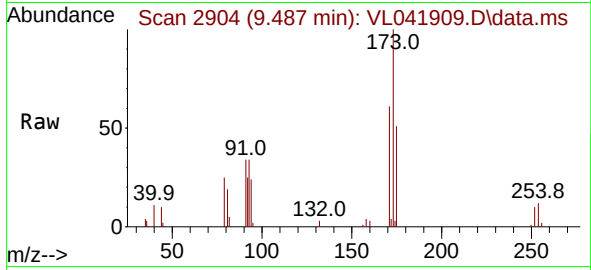
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	5519
Ion Ratio	Lower	Upper
173	100	
175	55.3	38.4 57.6
171	50.2	41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 0.139 ppbv

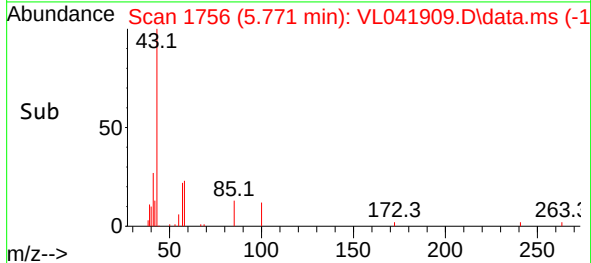
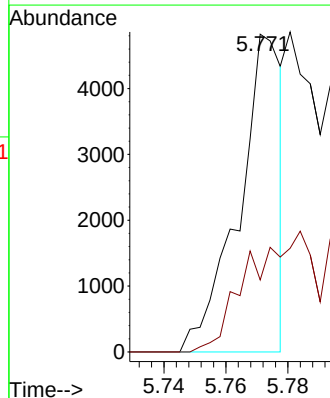
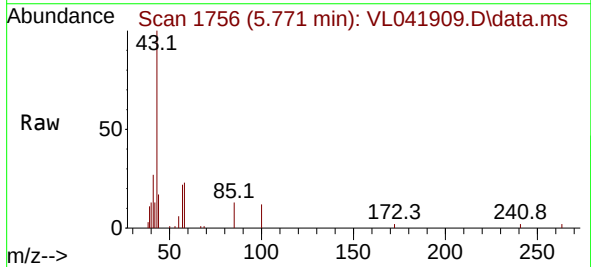
RT: 5.771 min Scan# 1756

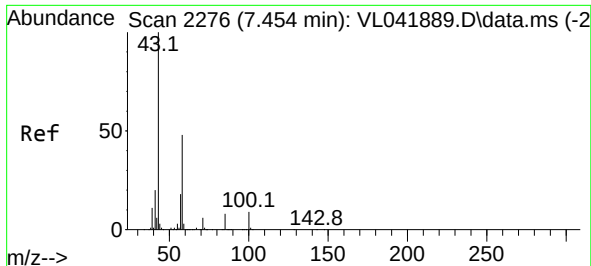
Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion: 43	Resp:	4614
Ion Ratio	Lower	Upper
43	100	
58	0.0	29.0 43.6#

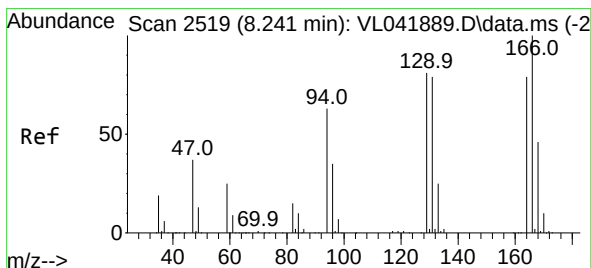
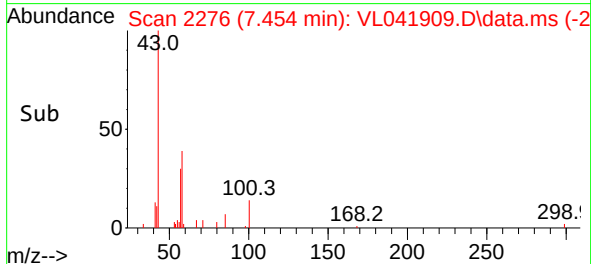
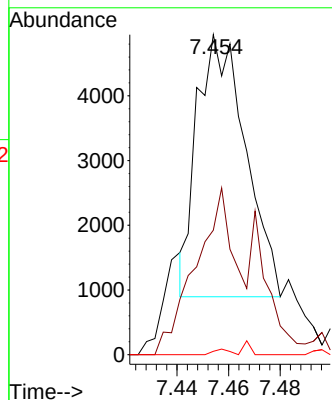
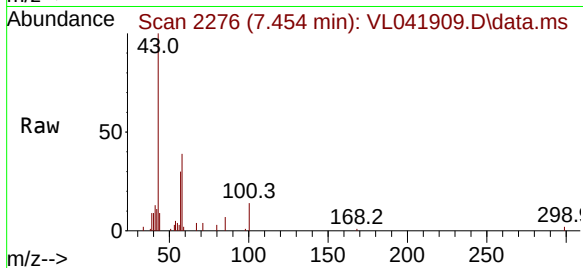




#51
2-Hexanone
Concen: 0.206 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

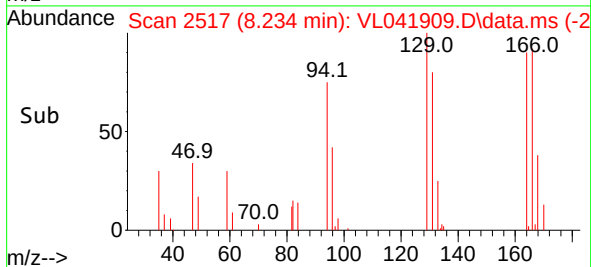
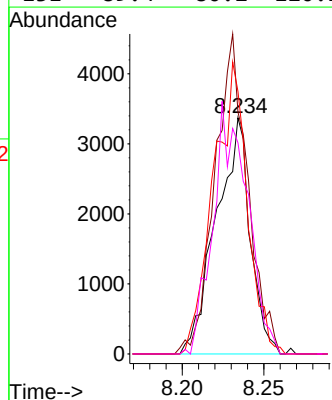
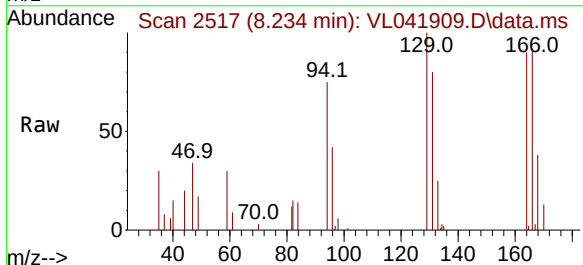
Instrument :
MSVOA_L
ClientSampleId :

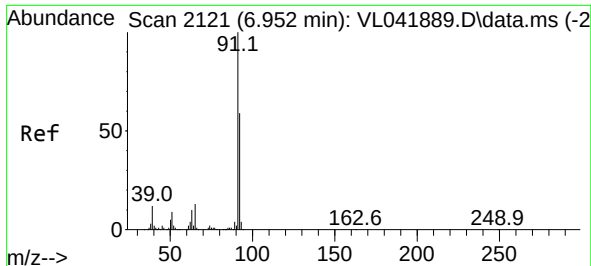
Tgt Ion: 43 Resp: 5261
Ion Ratio Lower Upper
43 100
58 76.1 40.4 60.6#
98 1.5 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.398 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 164 Resp: 4855
Ion Ratio Lower Upper
164 100
166 102.4 100.8 151.2
129 111.2 82.0 123.0
131 89.4 80.2 120.2

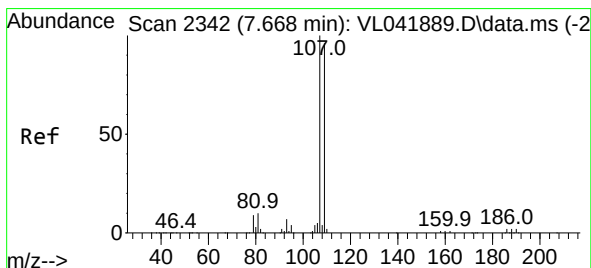
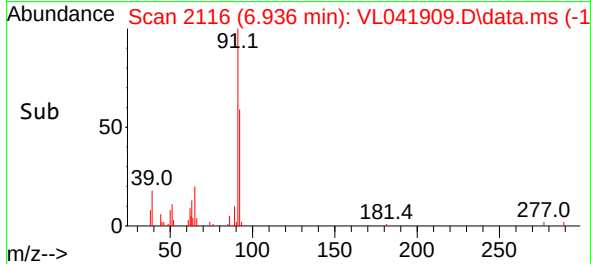
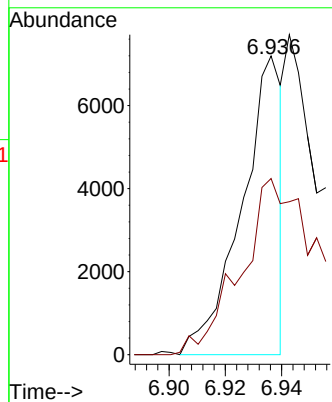
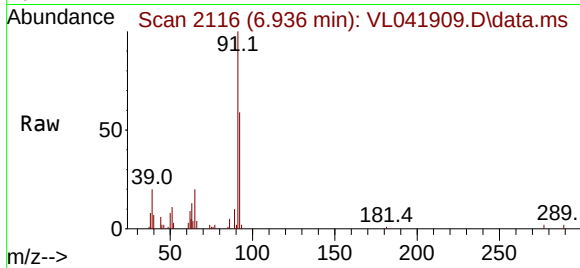




#53
Toluene
Concen: 0.186 ppbv
RT: 6.936 min Scan# 2121
Delta R.T. -0.016 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

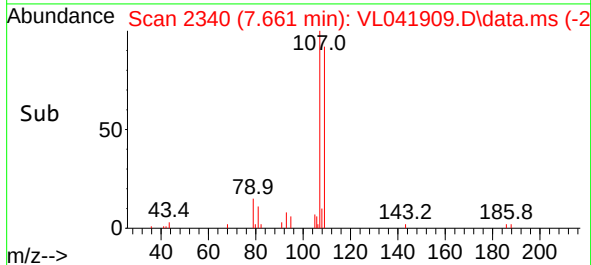
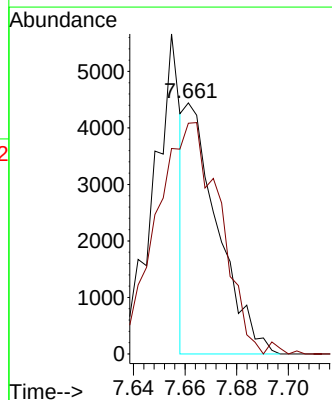
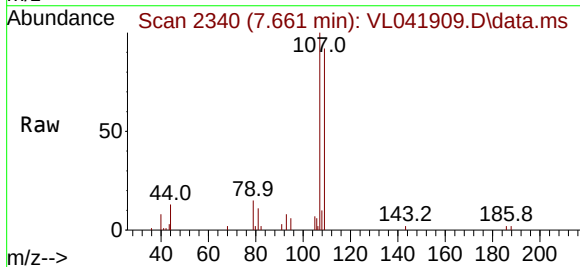
Instrument :
MSVOA_L
ClientSampleId :

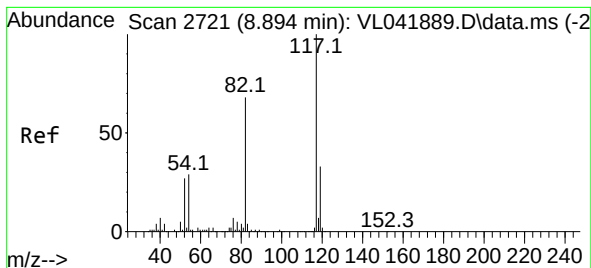
Tgt Ion: 91 Resp: 7113
Ion Ratio Lower Upper
91 100
92 113.2 47.4 71.0#



#54
1,2-Dibromoethane
Concen: 0.217 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 107 Resp: 3907
Ion Ratio Lower Upper
107 100
109 89.7 76.7 115.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

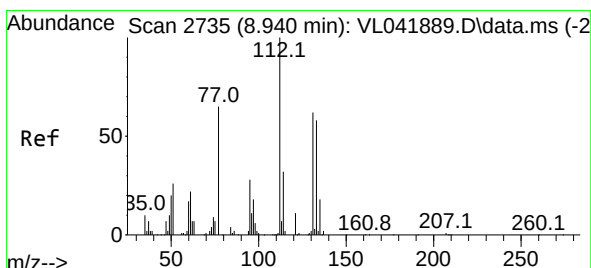
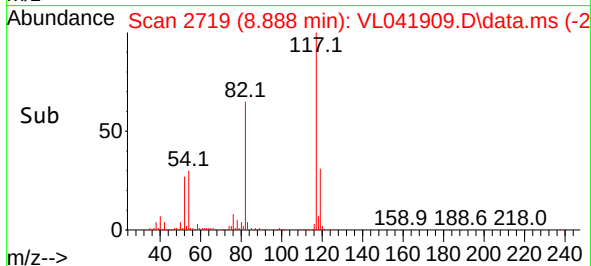
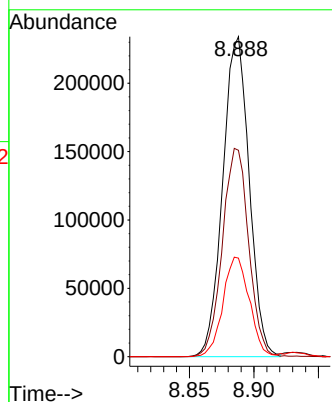
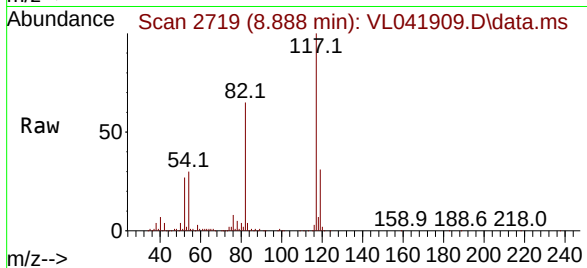
Tgt Ion:117 Resp: 333507

Ion Ratio Lower Upper

117 100

82 64.8 54.2 81.4

119 32.2 25.0 37.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.418 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. -0.010 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

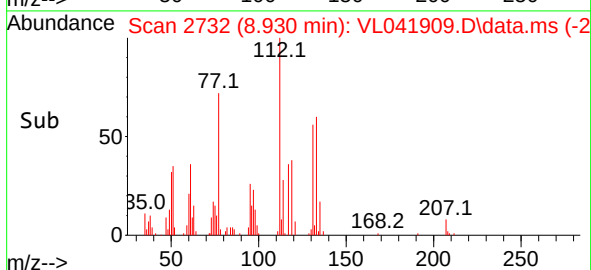
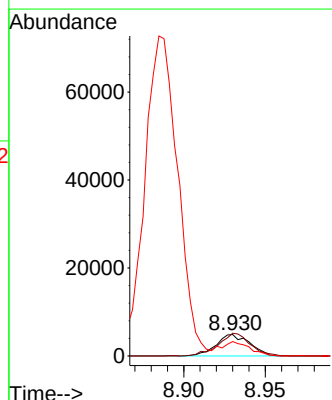
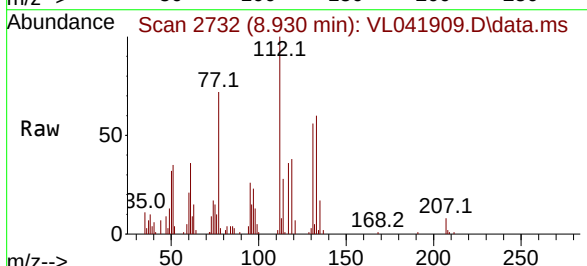
Tgt Ion:131 Resp: 6956

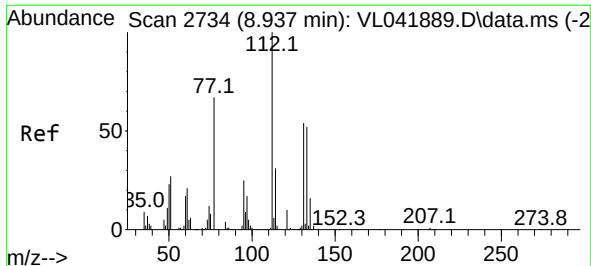
Ion Ratio Lower Upper

131 100

133 100.6 76.0 114.0

119 1544.3 49.7 74.5#





#57

Chlorobenzene

Concen: 0.449 ppbv

RT: 8.924 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041909.D

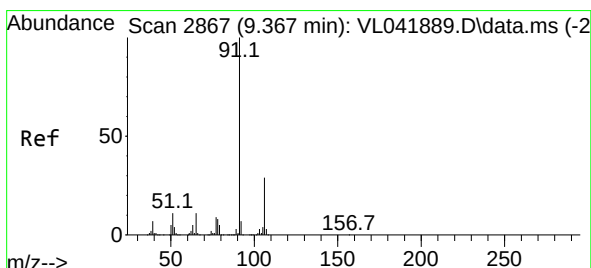
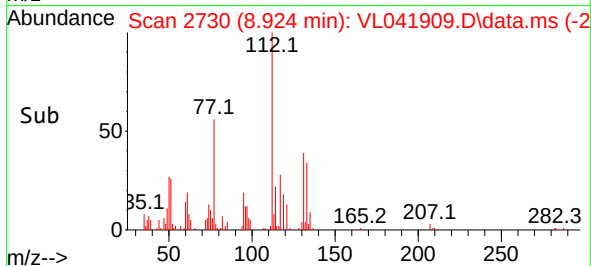
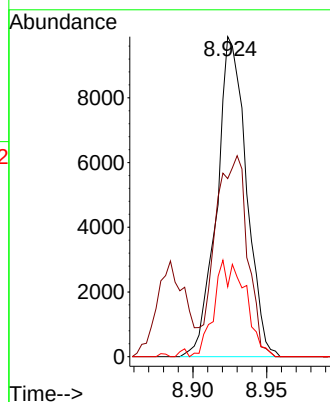
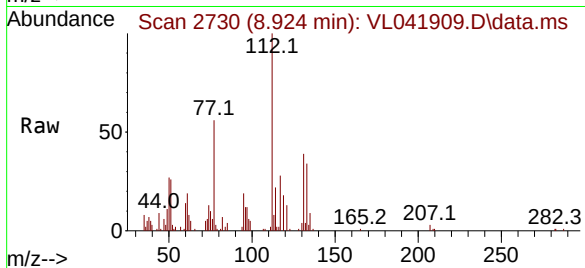
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	13810
Ion	Ratio	Lower	Upper
112	100		
77	55.7	54.6	82.0
114	21.9	28.2	34.4



#58

Ethyl Benzene

Concen: 0.340 ppbv

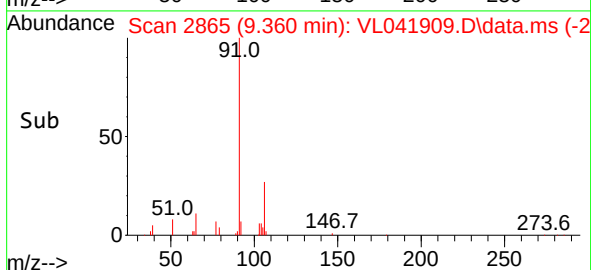
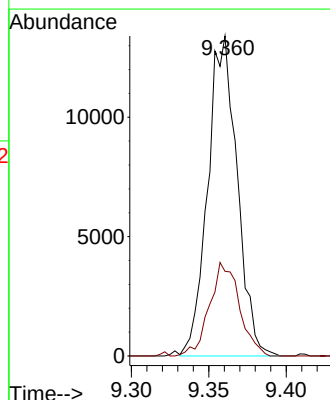
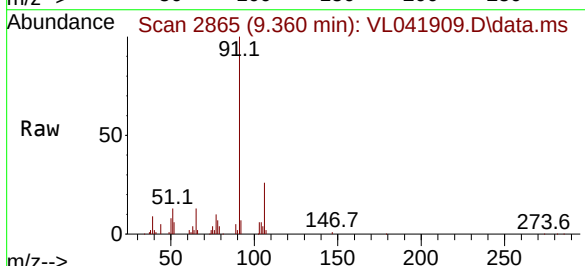
RT: 9.360 min Scan# 2865

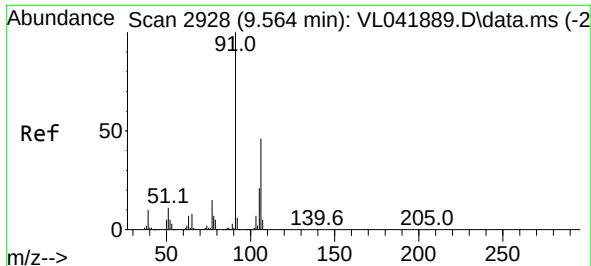
Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion:	91	Resp:	17715
Ion	Ratio	Lower	Upper
91	100		
106	26.4	23.1	34.7





#59

m/p-Xylene

Concen: 0.364 ppbv

RT: 9.555 min Scan# 2925

Delta R.T. -0.010 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

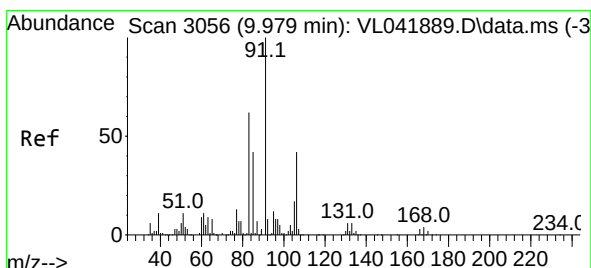
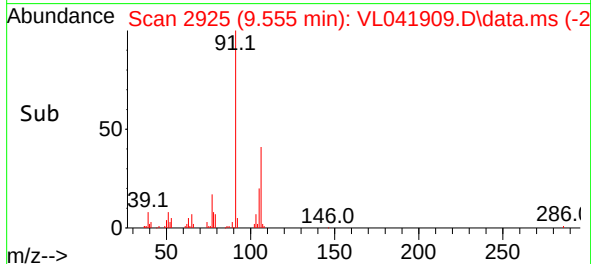
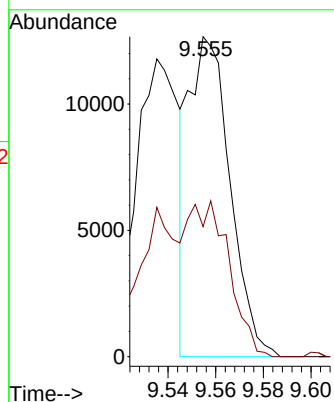
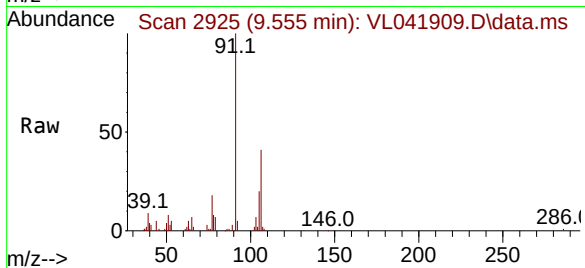
ClientSampleId :

Tgt Ion: 91 Resp: 15215

Ion Ratio Lower Upper

91 100

106 93.3 36.0 54.0#



#60

o-Xylene

Concen: 0.348 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL041909.D

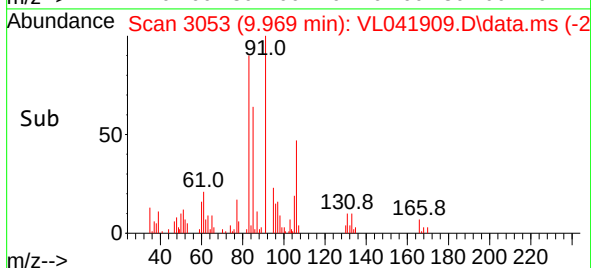
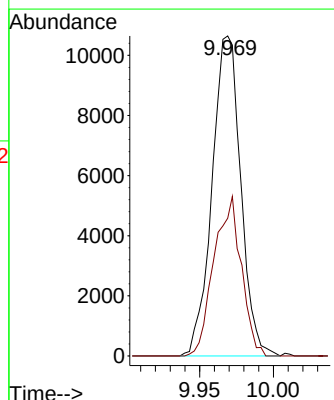
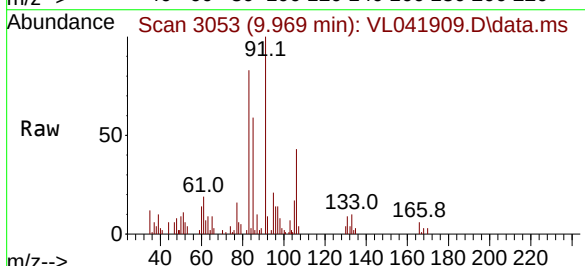
Acq: 15 Jan 2025 00:52

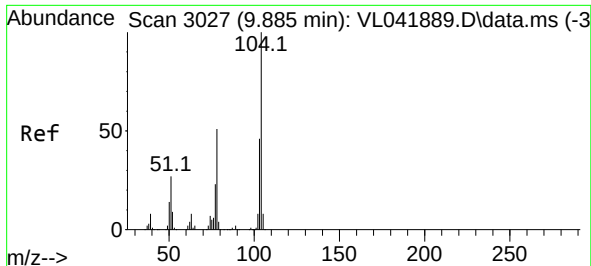
Tgt Ion: 91 Resp: 14413

Ion Ratio Lower Upper

91 100

106 47.5 21.3 63.9

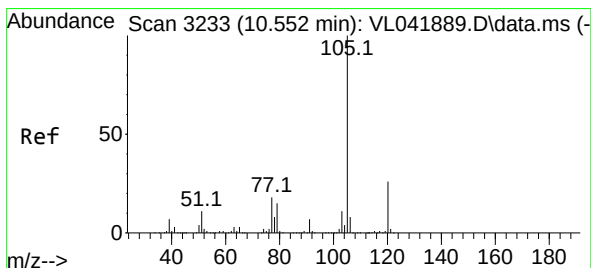
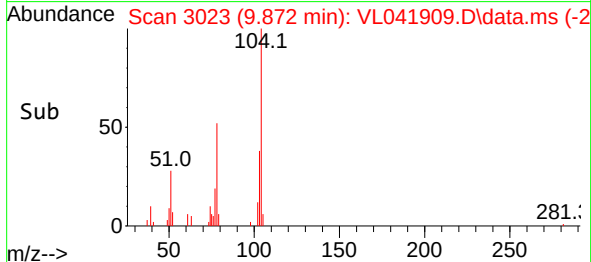
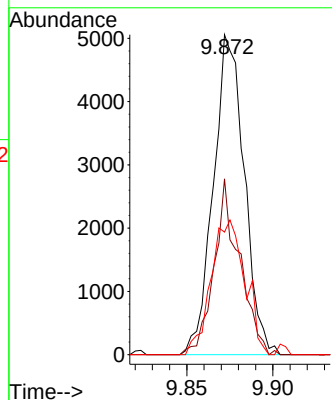
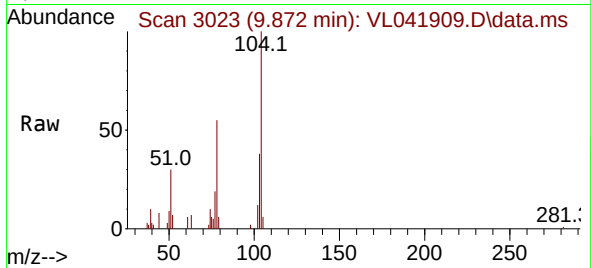




#61
Styrene
Concen: 0.339 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.013 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

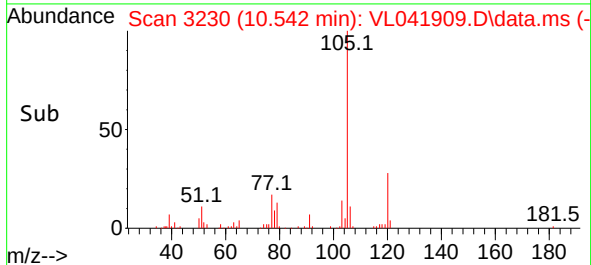
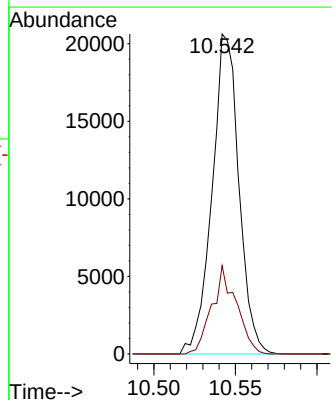
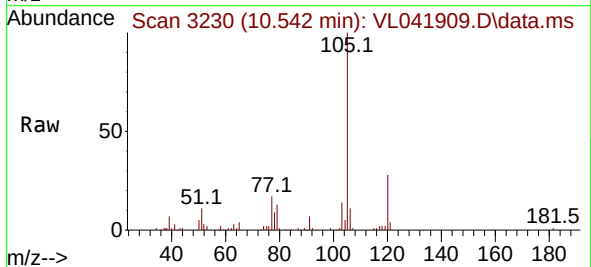
Instrument :
MSVOA_L
ClientSampleId :

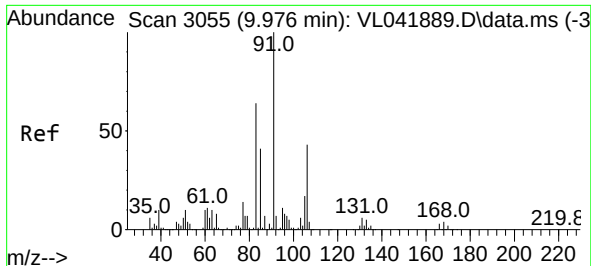
Tgt Ion:104 Resp: 6314
Ion Ratio Lower Upper
104 100
78 45.4 41.0 61.6
103 47.1 37.2 55.8



#62
Isopropylbenzene
Concen: 0.367 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.010 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion:105 Resp: 23571
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5

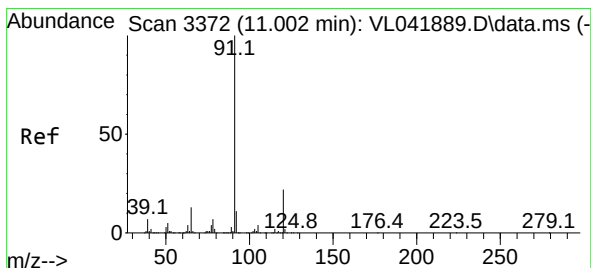
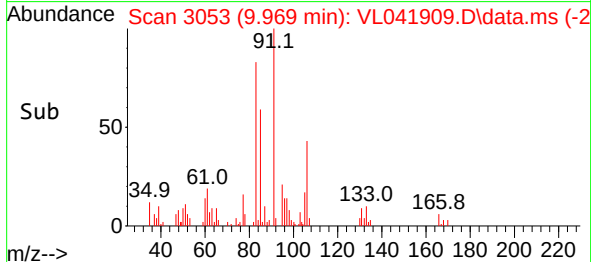
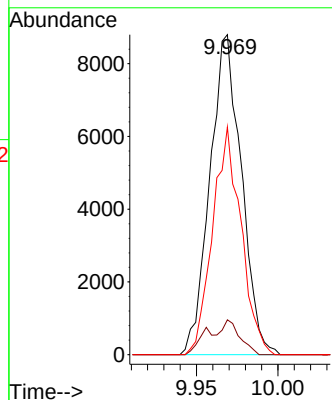
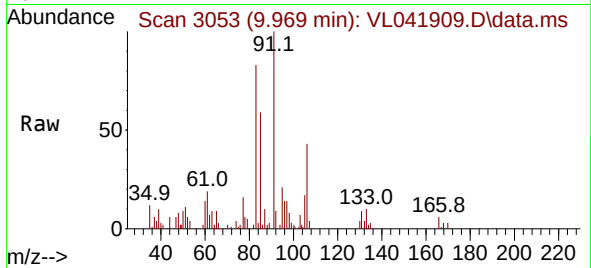




#63
1,1,2,2-Tetrachloroethane
Concen: 0.446 ppbv
RT: 9.969 min Scan# 3055
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

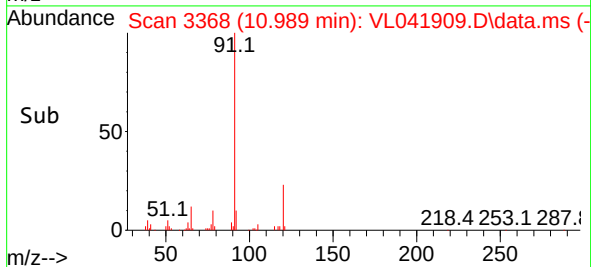
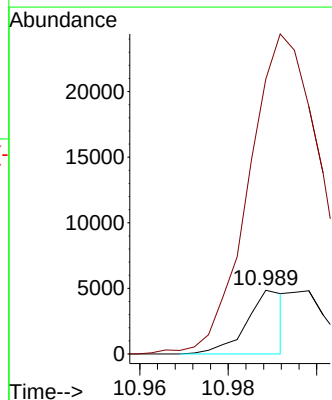
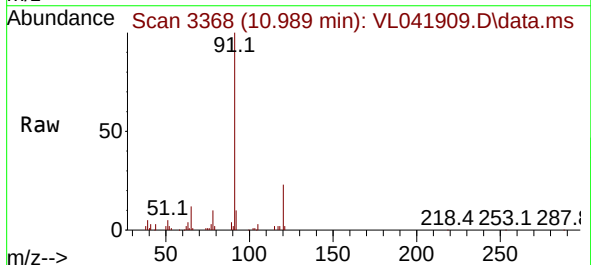
Instrument :
MSVOA_L
ClientSampleId :

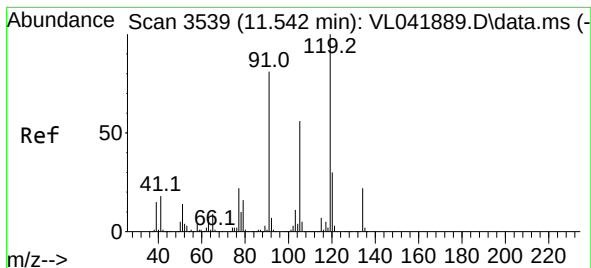
Tgt Ion: 83 Resp: 11828
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 64.2 32.4 97.2



#64
n-propylbenzene
Concen: 0.176 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.013 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion: 120 Resp: 2857
Ion Ratio Lower Upper
120 100
91 975.9 374.1 561.1#





#65

tert-Butylbenzene

Concen: 0.356 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. -0.007 min

Lab File: VL041909.D

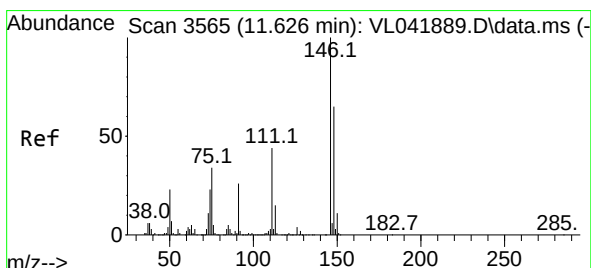
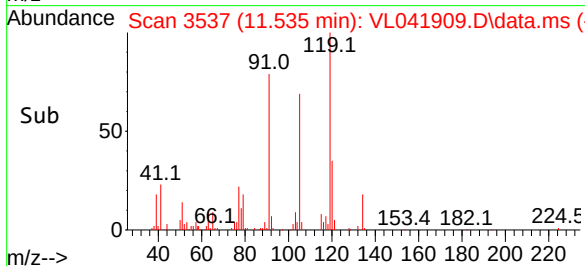
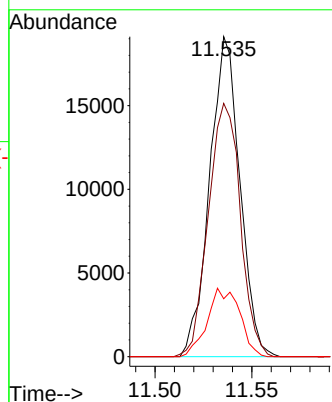
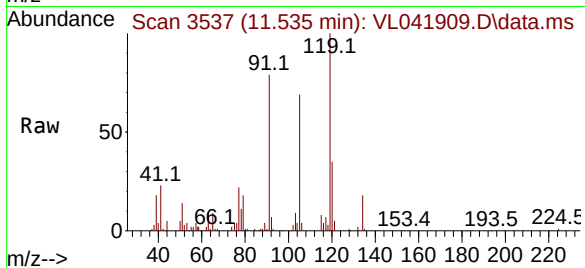
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	20807
Ion	Ratio	Lower	Upper
119	100		
91	83.4	64.6	97.0
134	22.9	16.8	25.2



#66

Benzyl Chloride

Concen: 0.264 ppbv

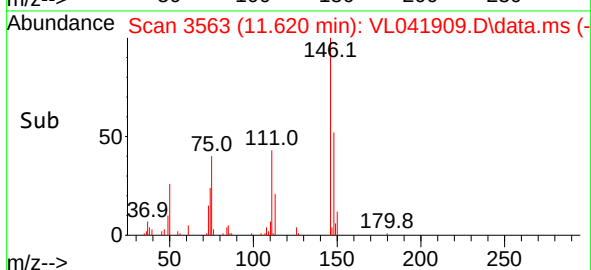
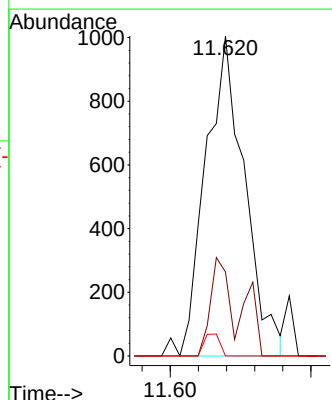
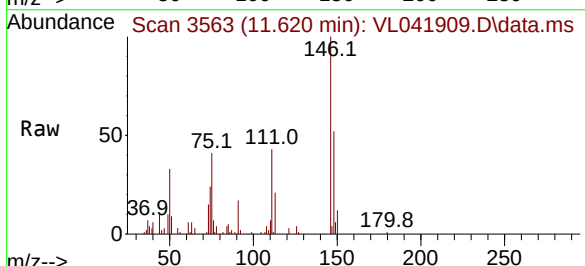
RT: 11.620 min Scan# 3563

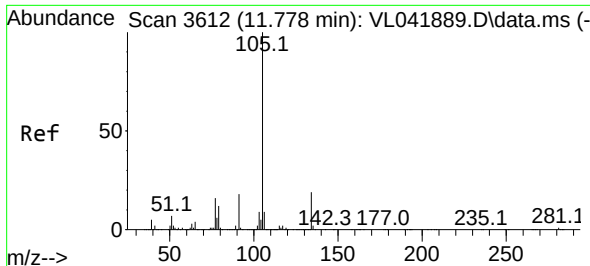
Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion:	91	Resp:	957
Ion	Ratio	Lower	Upper
91	100		
126	22.7	14.1	21.1#
128	2.8	4.3	6.5#

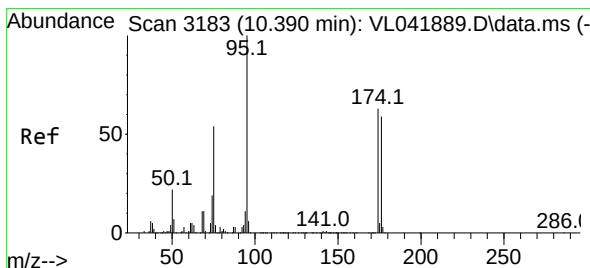
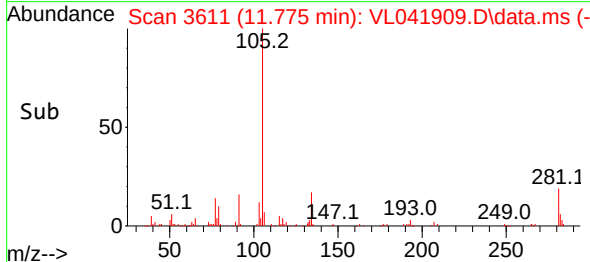
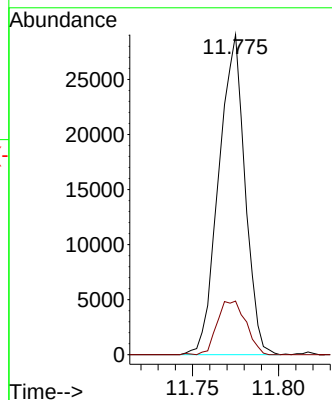
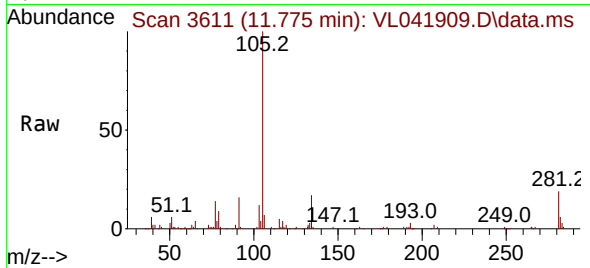




#67
 sec-Butylbenzene
 Concen: 0.382 ppbv
 RT: 11.775 min Scan# 30791
 Delta R.T. -0.003 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

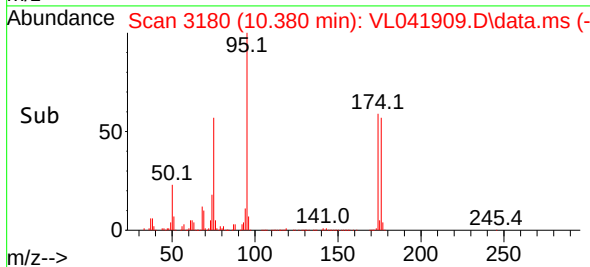
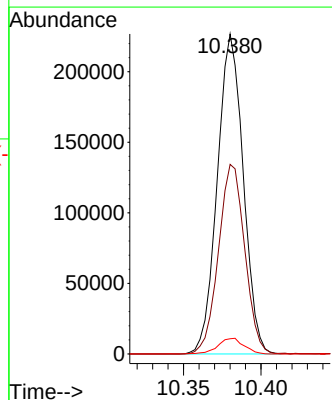
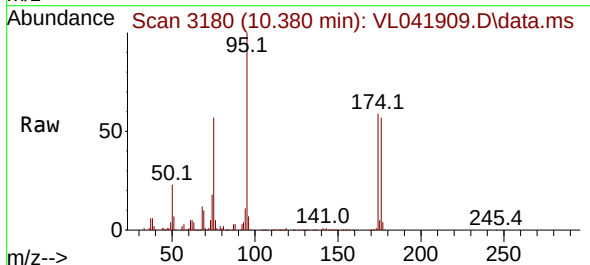
Instrument :
 MSVOA_L
 ClientSampleId :

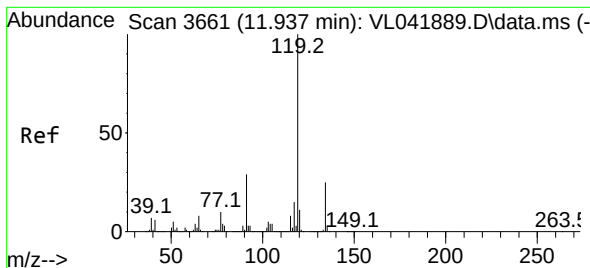
Tgt Ion:105 Resp: 30791
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.056 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.010 min
 Lab File: VL041909.D
 Acq: 15 Jan 2025 00:52

Tgt Ion: 95 Resp: 264151
 Ion Ratio Lower Upper
 95 100
 174 60.2 49.0 73.4
 175 4.9 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.336 ppbv

RT: 11.930 min Scan# 3659

Delta R.T. -0.007 min

Lab File: VL041909.D

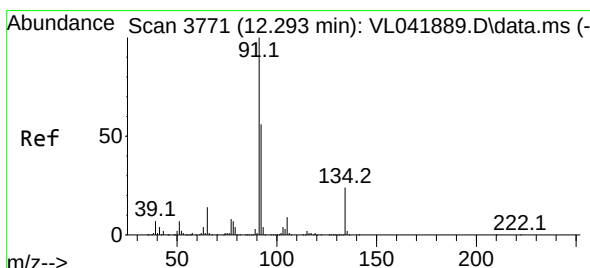
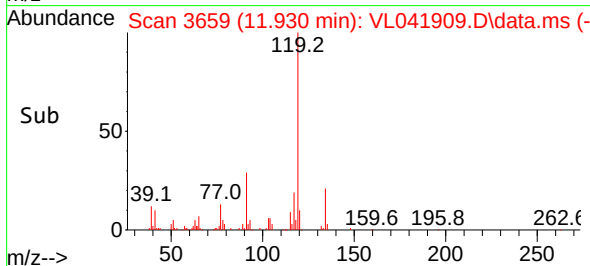
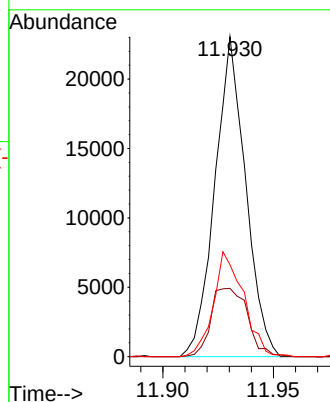
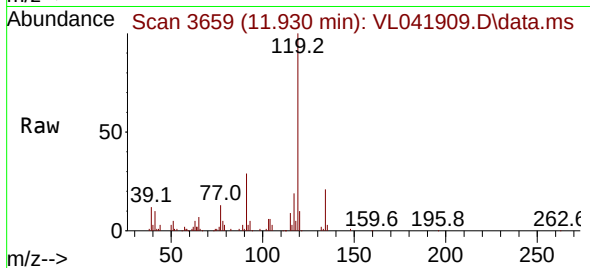
Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	22247
Ion	Ratio	Lower	Upper
119	100		
134	25.4	19.8	29.6
91	32.3	23.0	34.4



#70

n-Butylbenzene

Concen: 0.331 ppbv

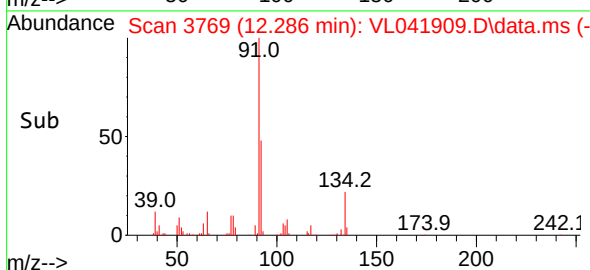
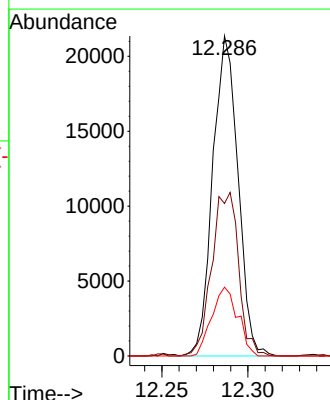
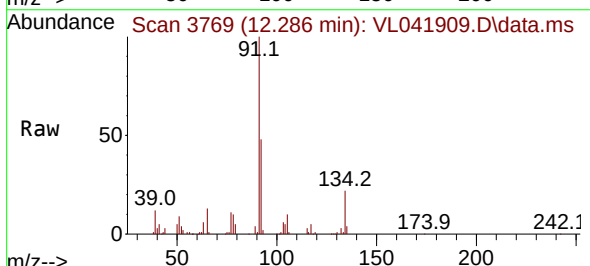
RT: 12.286 min Scan# 3769

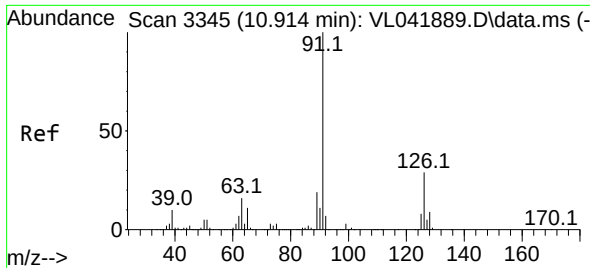
Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion:	91	Resp:	21785
Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	22.2	19.0	28.6

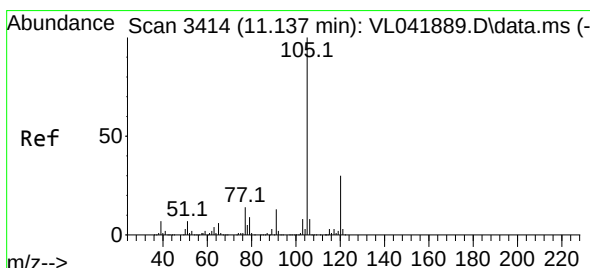
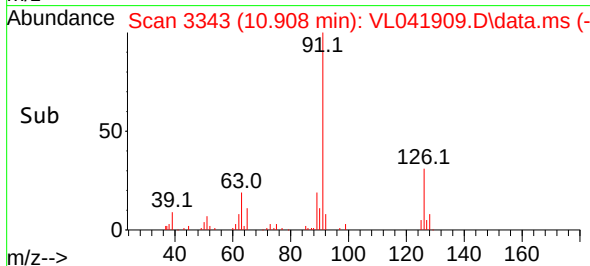
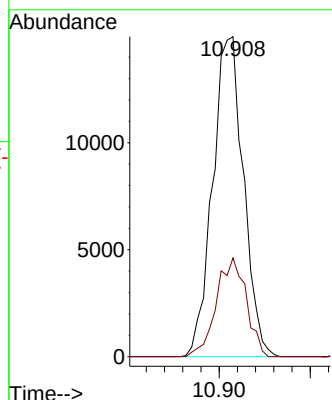
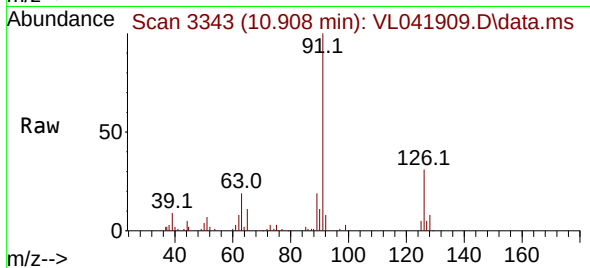




#71
2-Chlorotoluene
Concen: 0.370 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

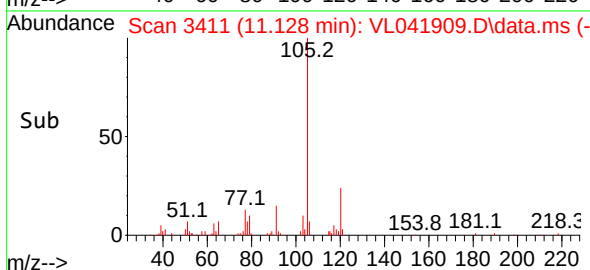
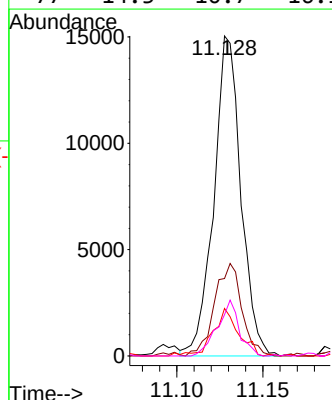
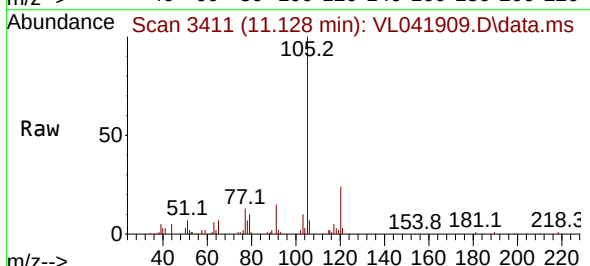
Instrument :
MSVOA_L
ClientSampleId :

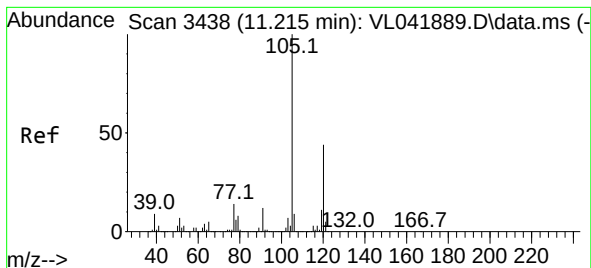
Tgt Ion: 91 Resp: 17558
Ion Ratio Lower Upper
91 100
126 29.9 11.7 46.7



#72
4-Ethyltoluene
Concen: 0.332 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.010 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion:105 Resp: 16480
Ion Ratio Lower Upper
105 100
120 29.8 23.7 35.5
91 14.2 10.2 15.2
77 14.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.341 ppbv

RT: 11.209 min Scan# 3438

Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

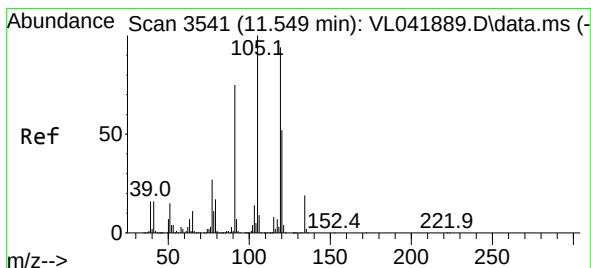
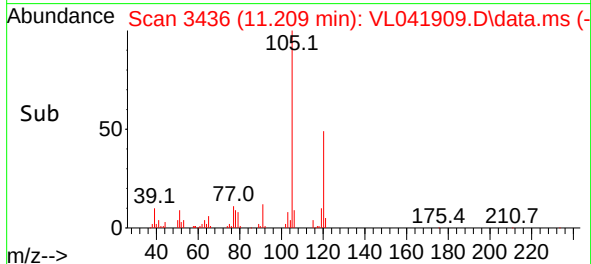
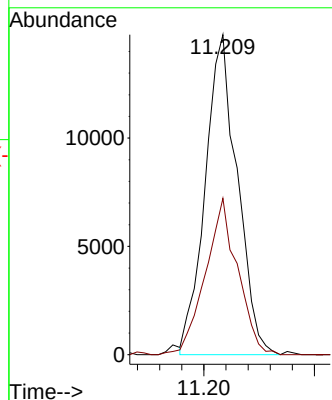
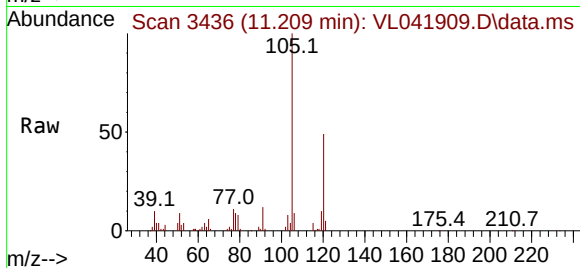
ClientSampleId :

Tgt Ion:105 Resp: 14915

Ion Ratio Lower Upper

105 100

120 48.9 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 0.366 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.007 min

Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Tgt Ion:105 Resp: 17372

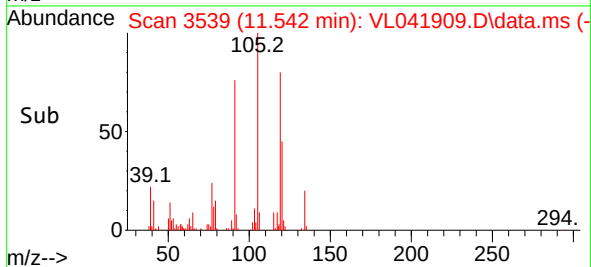
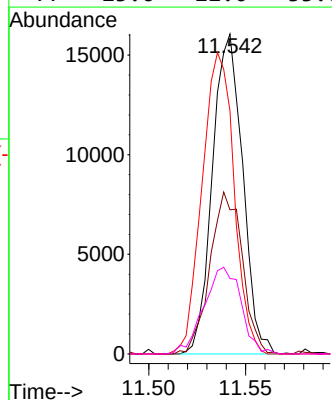
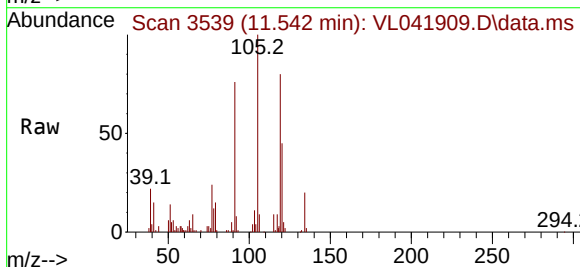
Ion Ratio Lower Upper

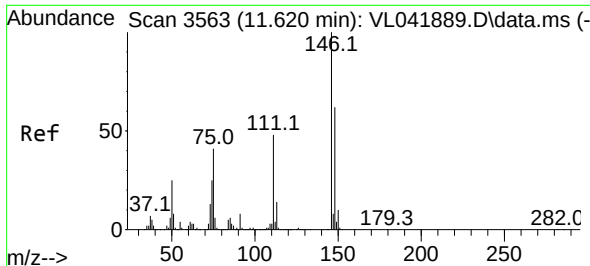
105 100

120 45.1 41.4 62.2

91 76.0 60.2 90.2

77 23.6 22.0 33.0

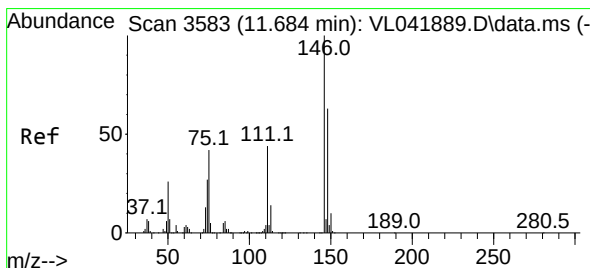
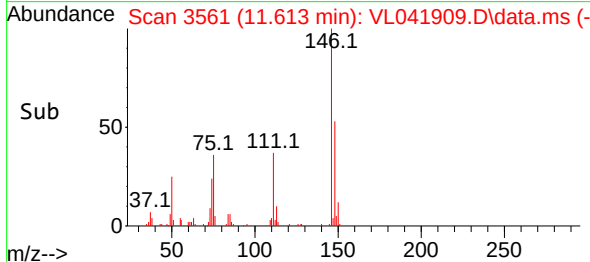
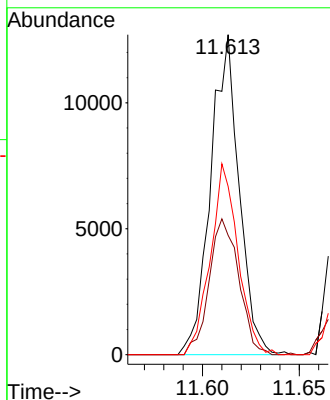
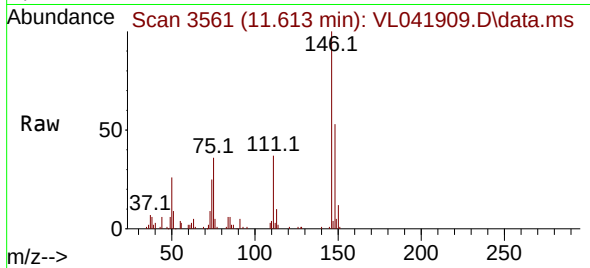




#75
1,3-Dichlorobenzene
Concen: 0.461 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

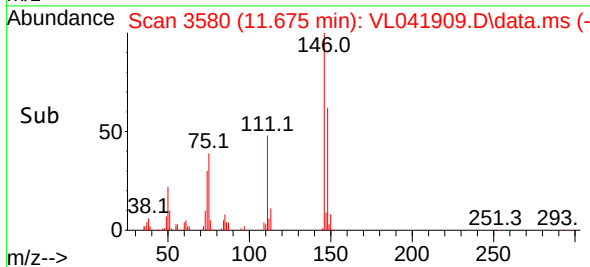
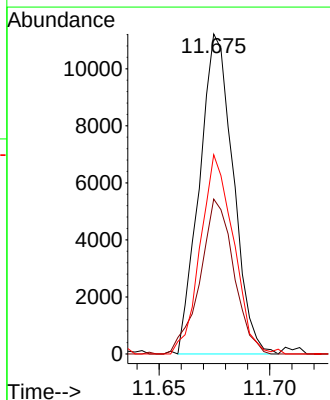
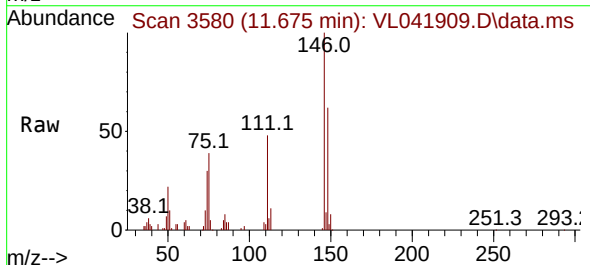
Instrument :
MSVOA_L
ClientSampleId :

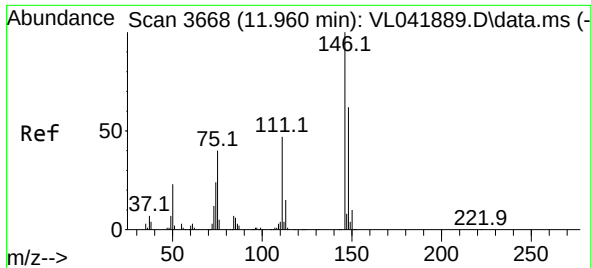
Tgt Ion:146 Resp: 12970
Ion Ratio Lower Upper
146 100
111 44.3 23.6 70.8
148 58.0 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 0.432 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.010 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion:146 Resp: 11879
Ion Ratio Lower Upper
146 100
111 48.1 22.4 67.0
148 61.1 31.9 95.5

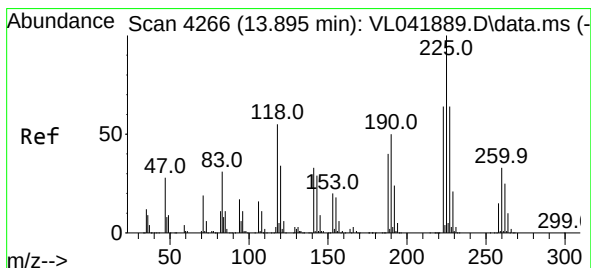
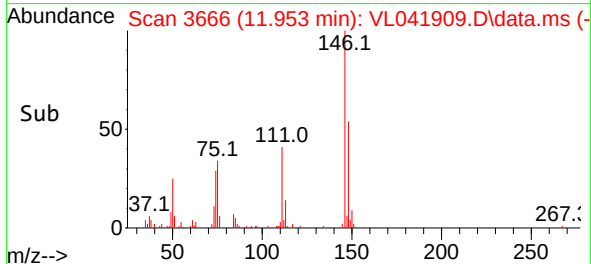
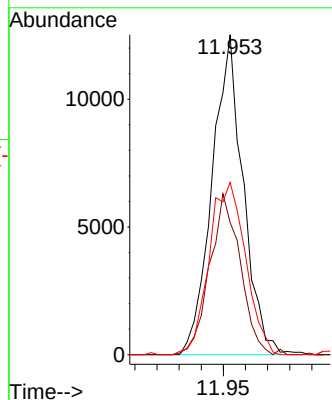
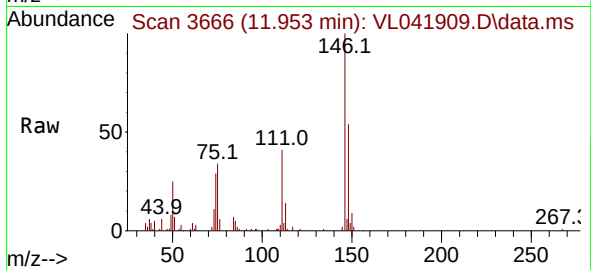




#77
1,2-Dichlorobenzene
Concen: 0.437 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

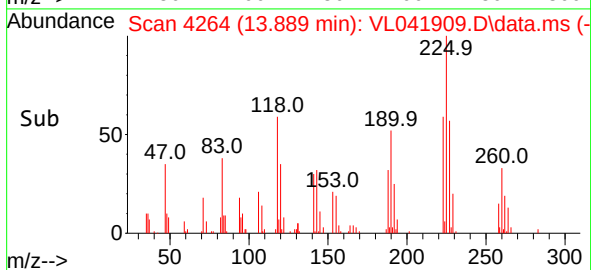
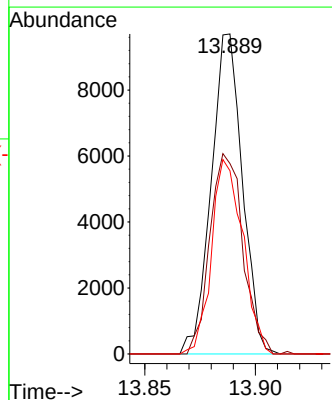
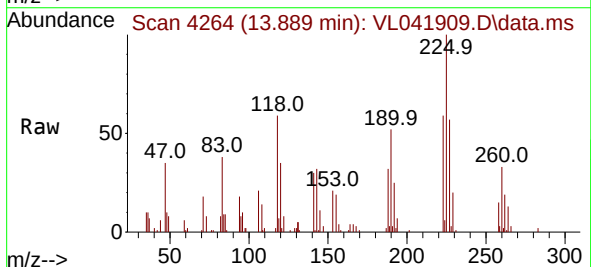
Instrument :
MSVOA_L
ClientSampleId :

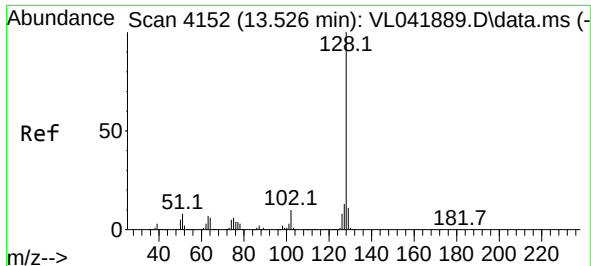
Tgt Ion:146 Resp: 12185
Ion Ratio Lower Upper
146 100
111 49.7 24.2 72.6
148 63.3 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 0.416 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion:225 Resp: 9510
Ion Ratio Lower Upper
225 100
223 66.4 50.8 76.2
227 60.9 50.3 75.5

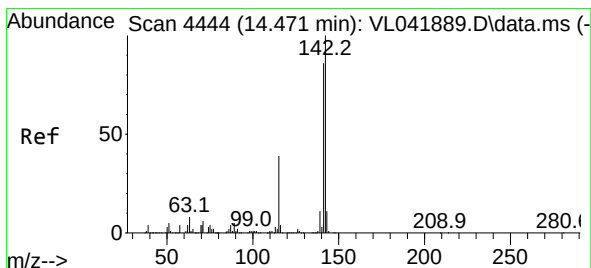
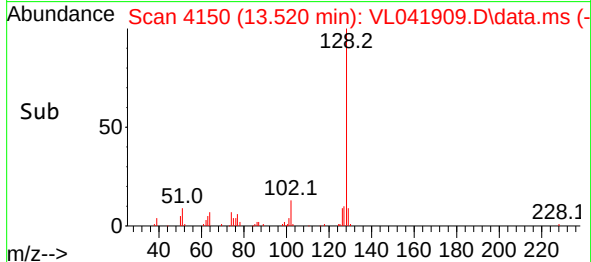
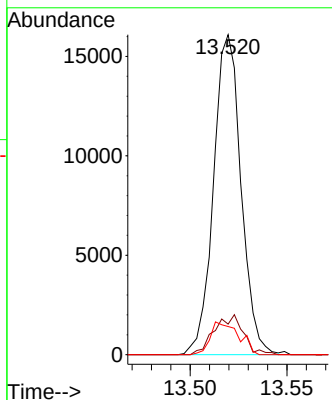
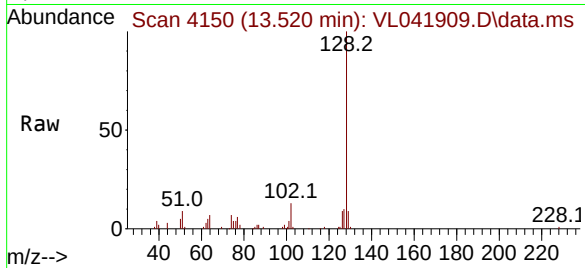




#79
Naphthalene
Concen: 0.332 ppbv
RT: 13.520 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

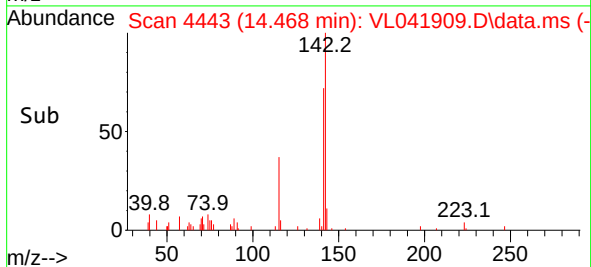
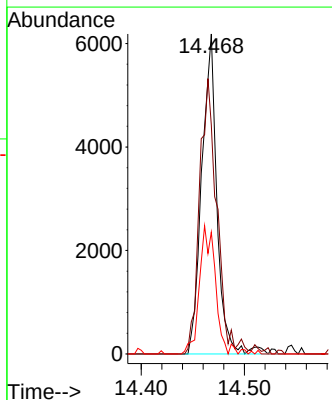
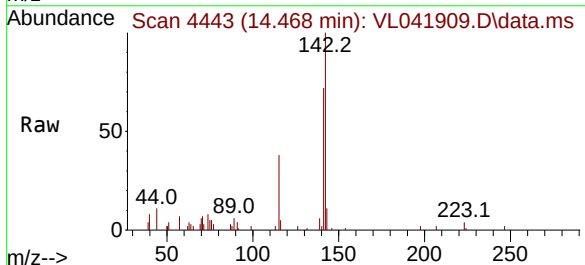
Instrument :
MSVOA_L
ClientSampleId :

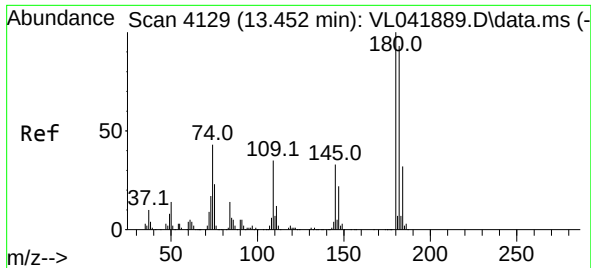
Tgt Ion:128 Resp: 15877
Ion Ratio Lower Upper
128 100
127 9.5 10.2 15.4#
129 8.8 9.1 13.7#



#80
Naphthalene,2-methyl-
Concen: 0.280 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041909.D
Acq: 15 Jan 2025 00:52

Tgt Ion:142 Resp: 6349
Ion Ratio Lower Upper
142 100
141 99.6 68.1 102.1
115 41.9 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 0.366 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.007 min

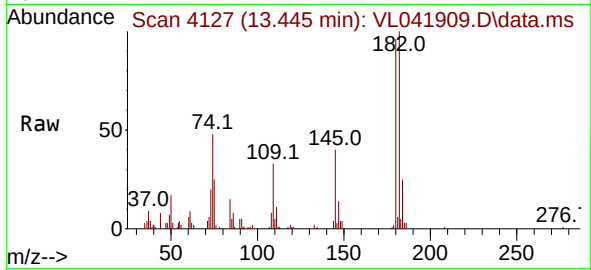
Lab File: VL041909.D

Acq: 15 Jan 2025 00:52

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 8539

Ion Ratio Lower Upper

180 100

182 100.5 77.0 115.6

184 29.2 24.9 37.3

