

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041997.D
 Acq On : 11 Feb 2025 10:50
 Operator : SY/MD
 Sample : VL0211ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

Quant Time: Feb 11 22:17:38 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	2.780	49	161308	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	446315	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	395917	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.370	95	312995	10.037	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	184613	8.402	ppbv	99
3) Chlorodifluoromethane	1.473	51	216666	9.413	ppbv	99
4) Chloromethane	1.531	50	79718	9.647	ppbv	97
5) Vinyl Chloride	1.576	62	76421	9.130	ppbv	100
6) Bromomethane	1.664	94	35774	8.968	ppbv	91
7) Chloroethane	1.699	64	31606	9.705	ppbv	97
8) Dichlorotetrafluoroethane	1.551	85	173737	9.048	ppbv	100
9) Propene	1.483	41	88949	9.381	ppbv	98
10) Heptane	4.965	43	258397	10.195	ppbv	98
11) Trichlorofluoromethane	1.874	101	199153	8.713	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.133	101	162522	9.073	ppbv	99
13) Ethanol	1.719	45	4358	6.275	ppbv	95
14) Bromoethene	1.777	108	56642	8.636	ppbv	99
15) Acetone	1.832	43	169851	8.767	ppbv	99
16) 1,3-Butadiene	1.606	39	83262	9.575	ppbv	98
17) tert-Butyl alcohol	2.036	59	194019	8.137	ppbv	97
18) 1,1-Dichloroethene	2.030	96	67380	8.346	ppbv	97
19) Isopropyl Alcohol	1.884	45	99738	8.682	ppbv #	36
20) Methylene Chloride	2.055	84	59645	7.790	ppbv	96
21) Allyl Chloride	2.091	41	124715	9.296	ppbv	98
22) trans-1,2-Dichloroethene	2.334	96	80599	8.845	ppbv	92
23) Vinyl Acetate	2.457	43	93090	9.693	ppbv #	98
24) 1,1-Dichloroethane	2.402	63	165710	9.402	ppbv	97
25) Ethyl Acetate	2.832	43	527204	10.091	ppbv	99
26) Hexane	2.819	57	205220	9.932	ppbv	95
27) Carbon Disulfide	2.146	76	195192	9.546	ppbv	99
28) Methyl tert-Butyl Ether	2.437	73	132634	8.398	ppbv	98
29) Chloroform	2.842	83	310248	9.498	ppbv	98
30) Cyclohexane	3.849	84	169062	9.433	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	198315	9.115	ppbv	93
32) 1,1,1-Trichloroethane	3.360	97	297110	9.506	ppbv	99
34) 2-Butanone	2.554	43	299866	10.565	ppbv	99
35) Carbon Tetrachloride	3.755	117	296944	10.592	ppbv	98
36) Benzene	3.648	78	418876	10.233	ppbv	99
37) 1,2-Dichloroethane	3.211	62	228142	9.924	ppbv	99
38) Trichloroethene	4.541	130	162897	10.028	ppbv	97
39) 1,2-Dichloropropane	4.305	63	146187	10.181	ppbv	97
40) 1,4-Dioxane	4.574	88	75080	10.354	ppbv #	99
41) Tetrahydrofuran	3.049	42	168345	10.913	ppbv	97
42) Bromodichloromethane	4.480	83	315265	10.228	ppbv	97
43) Methyl Methacrylate	4.868	69	150766	9.914	ppbv	99
44) 2,2,4-Trimethylpentane	4.629	57	702943	10.617	ppbv	98
45) t-1,3-Dichloropropene	6.405	75	137007	9.625	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

Quant Time: Feb 11 22:17:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

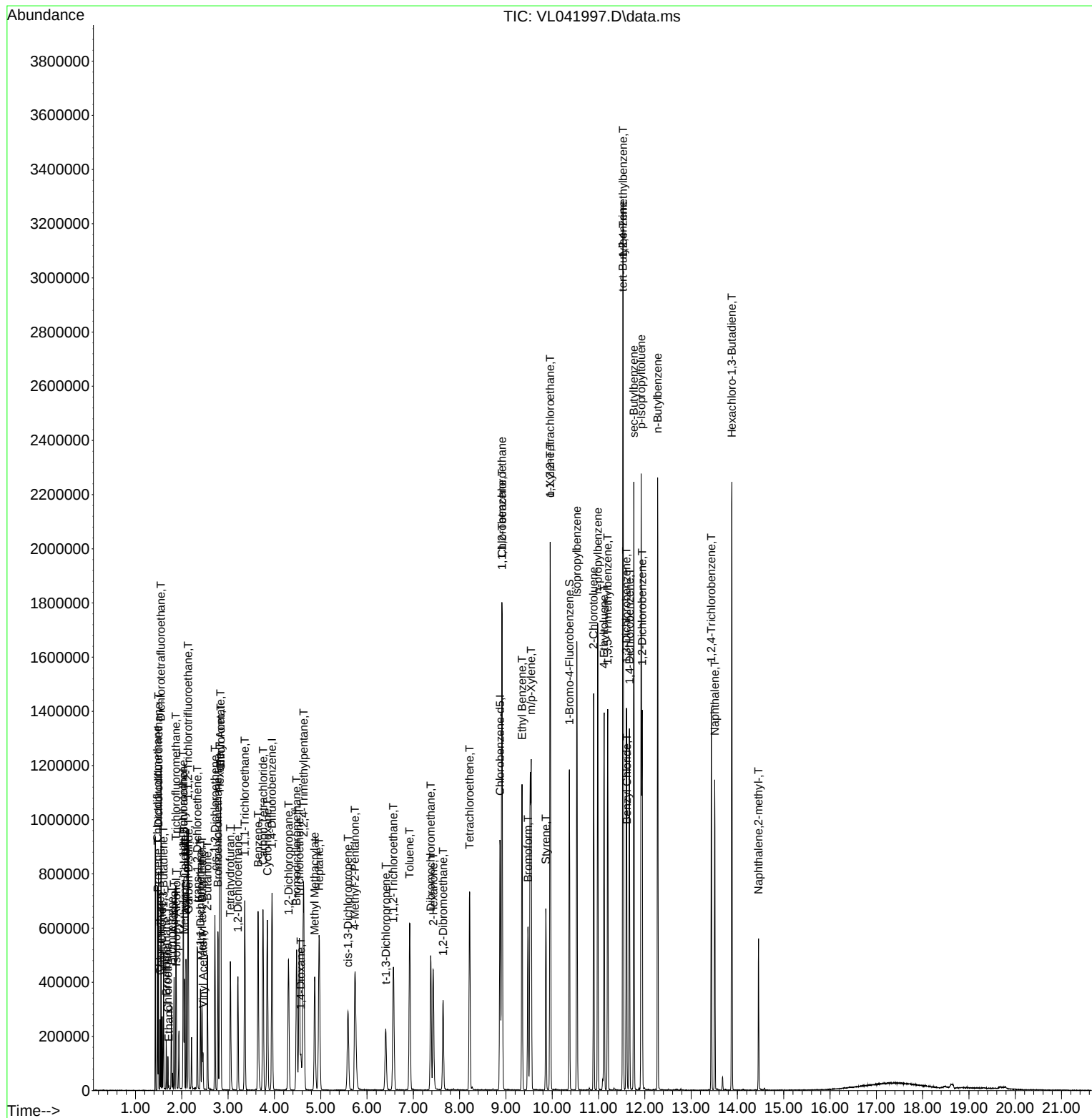
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	188032	10.061	ppbv	98
47) 1,1,2-Trichloroethane	6.571	97	159732	10.496	ppbv	97
48) Dibromochloromethane	7.376	129	247725	10.550	ppbv	99
49) Bromoform	9.477	173	205724	10.665	ppbv	100
50) 4-Methyl-2-Pentanone	5.739	43	400504	10.336	ppbv	99
51) 2-Hexanone	7.431	43	308477	10.361	ppbv #	96
52) Tetrachloroethene	8.218	164	133576	9.411	ppbv	98
53) Toluene	6.920	91	454404	10.191	ppbv	99
54) 1,2-Dibromoethane	7.642	107	214575	10.256	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.917	131	205976	10.428	ppbv	100
57) Chlorobenzene	8.914	112	369725	10.124	ppbv	97
58) Ethyl Benzene	9.348	91	626124	10.119	ppbv	100
59) m/p-Xylene	9.545	91	1035815m	20.885	ppbv	
60) o-Xylene	9.956	91	521514	10.594	ppbv	99
61) Styrene	9.862	104	226476	10.256	ppbv	99
62) Isopropylbenzene	10.532	105	772862	10.146	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	338953	10.775	ppbv	98
64) n-propylbenzene	10.985	120	197507	10.261	ppbv	100
65) tert-Butylbenzene	11.526	119	700599	10.092	ppbv	99
66) Benzyl Chloride	11.610	91	39500	9.193	ppbv	99
67) sec-Butylbenzene	11.762	105	976394	10.215	ppbv	99
69) p-Isopropyltoluene	11.921	119	801913	10.188	ppbv	99
70) n-Butylbenzene	12.277	91	792434	10.151	ppbv	99
71) 2-Chlorotoluene	10.895	91	566431	10.052	ppbv	99
72) 4-Ethyltoluene	11.121	105	603229	10.244	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	526457	10.124	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	573778	10.189	ppbv	95
75) 1,3-Dichlorobenzene	11.604	146	332540	9.965	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	325676	9.975	ppbv	100
77) 1,2-Dichlorobenzene	11.943	146	332295	10.048	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	232050	8.549	ppbv	98
79) Naphthalene	13.510	128	506742	8.937	ppbv	98
80) Naphthalene,2-methyl-	14.455	142	139177	5.177	ppbv	99
81) 1,2,4-Trichlorobenzene	13.435	180	223979	8.093	ppbv	98

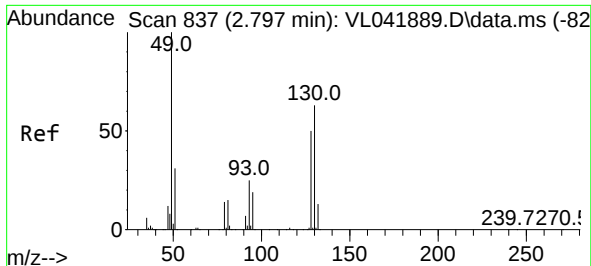
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 QLast Update : Tue Jan 14 23:15:42 2025
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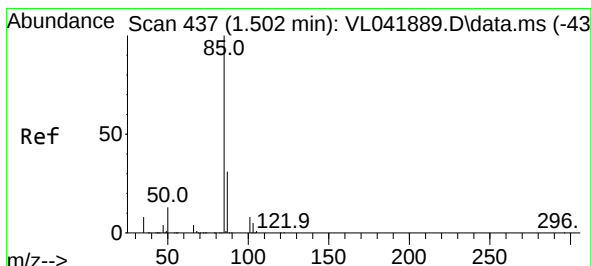
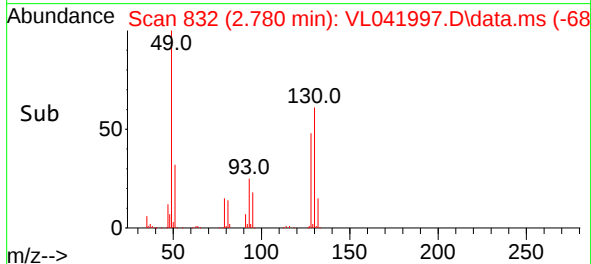
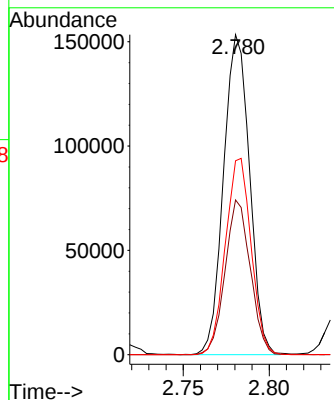
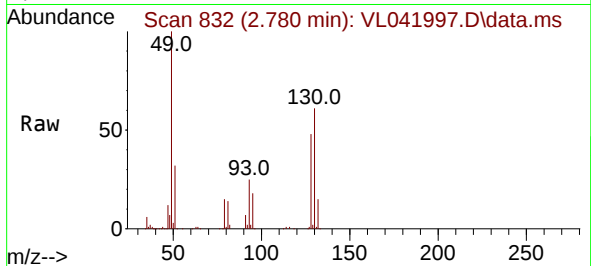




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.780 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

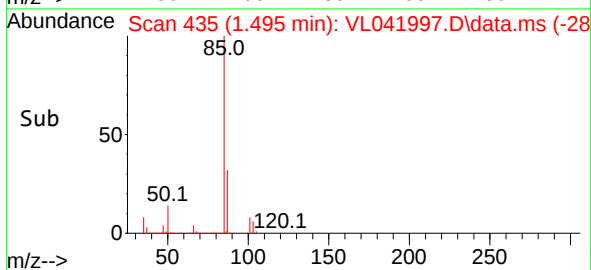
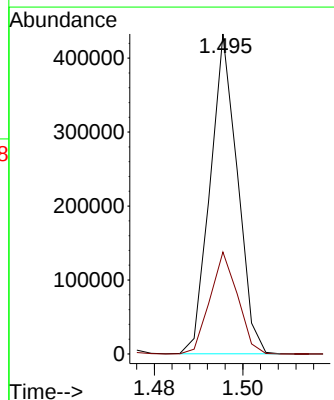
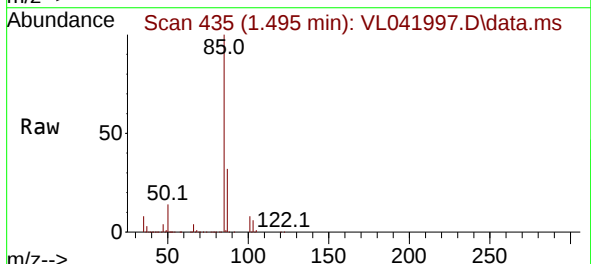
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

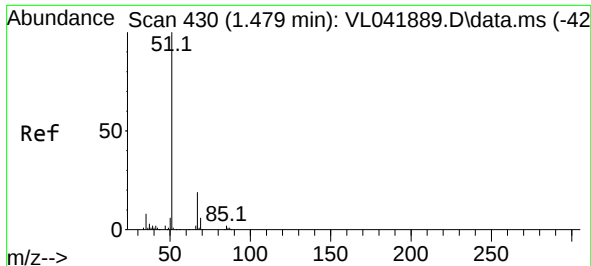
Tgt Ion: 49 Resp: 161308
 Ion Ratio Lower Upper
 49 100
 128 47.0 24.3 73.0
 130 60.7 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 8.402 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.006 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 85 Resp: 184613
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.9 37.3

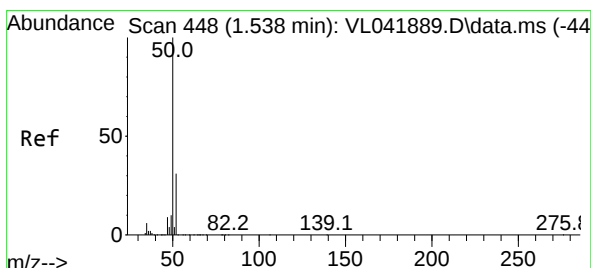
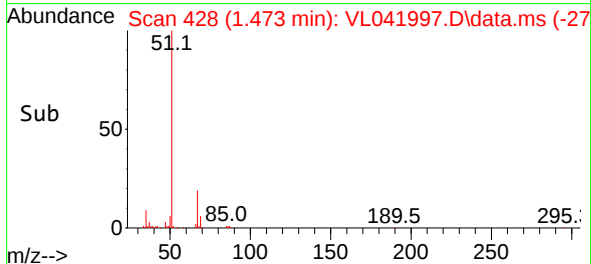
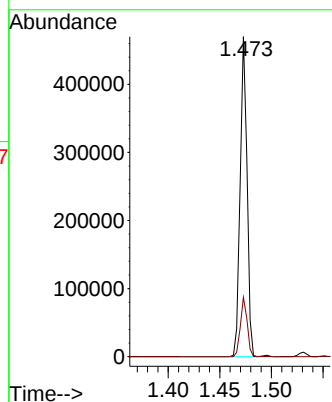
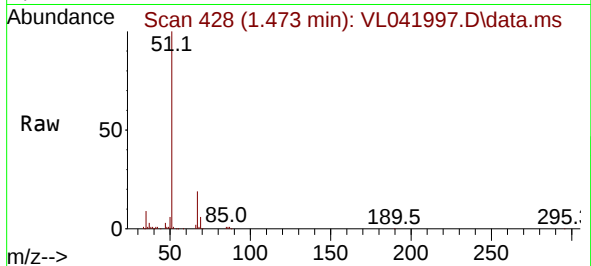




#3
Chlorodifluoromethane
Concen: 9.413 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

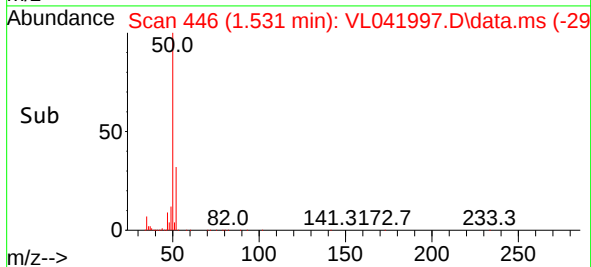
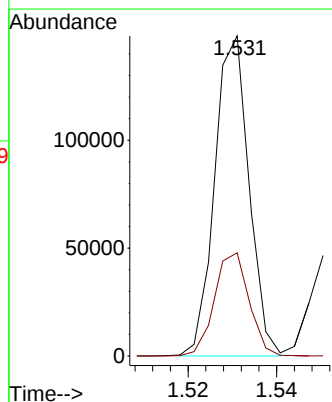
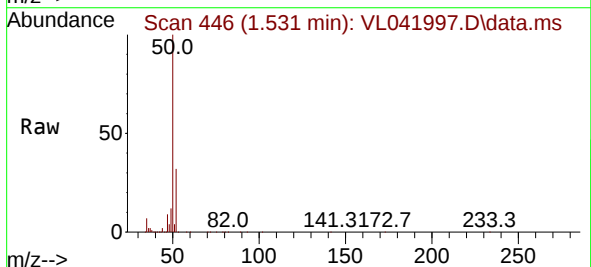
Instrument :
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ClientSampleId :
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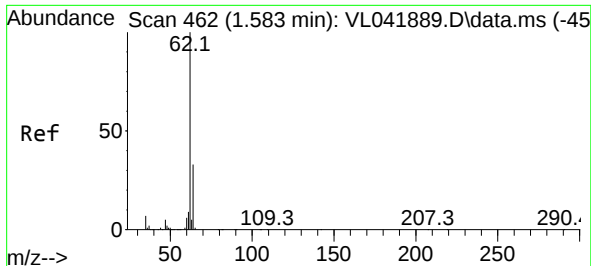
Tgt Ion: 51 Resp: 216666
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.4



#4
Chloromethane
Concen: 9.647 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 50 Resp: 79718
Ion Ratio Lower Upper
50 100
52 32.3 24.6 36.8

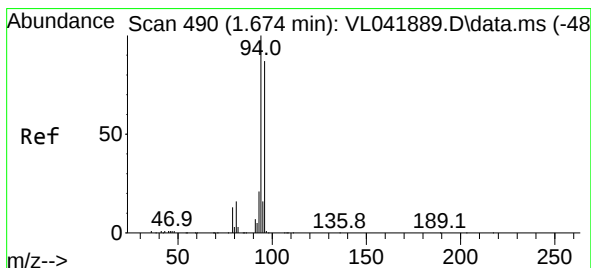
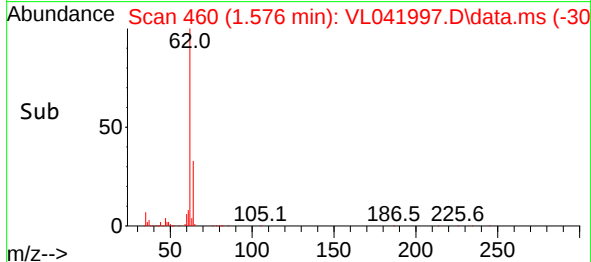
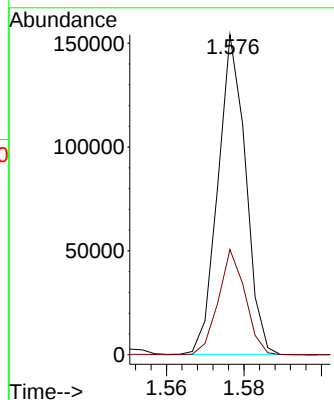
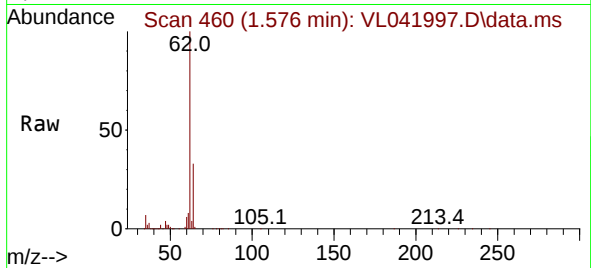




#5
 Vinyl Chloride
 Concen: 9.130 ppbv
 RT: 1.576 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

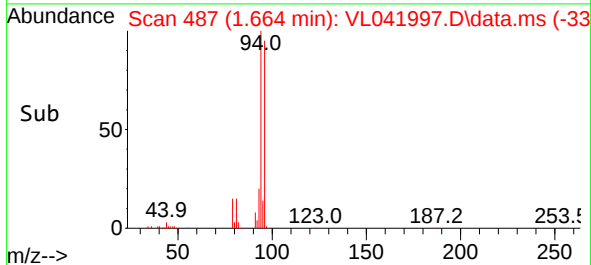
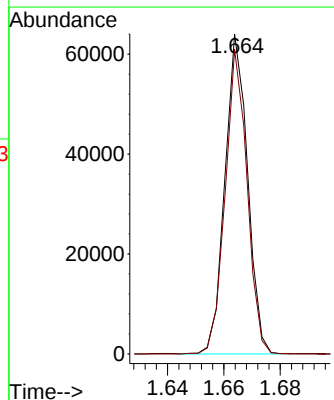
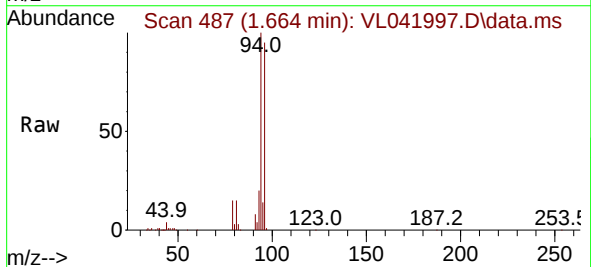
Instrument :
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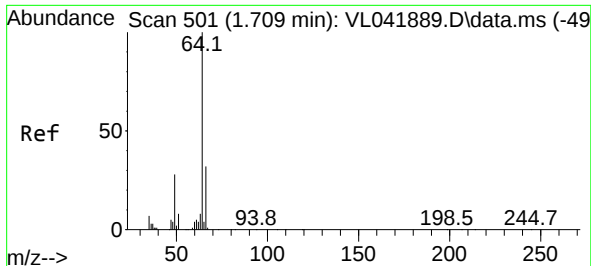
Tgt Ion: 62 Resp: 76421
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.1 39.1



#6
 Bromomethane
 Concen: 8.968 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 94 Resp: 35774
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.5 104.3

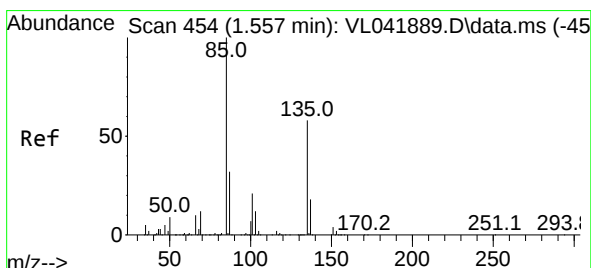
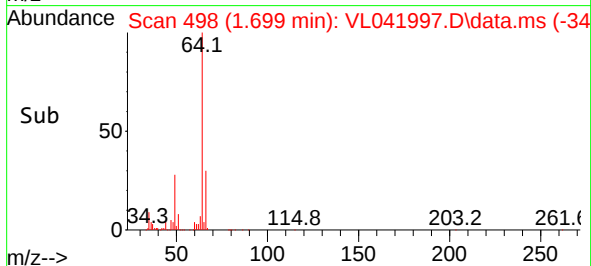
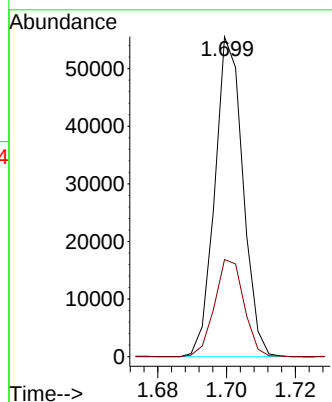
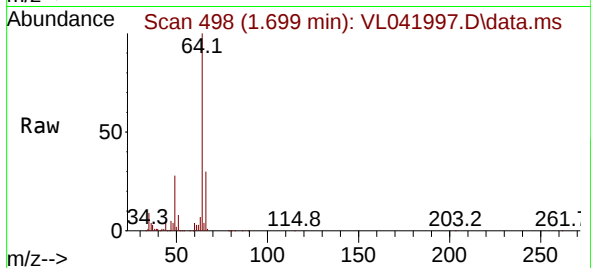




#7
Chloroethane
Concen: 9.705 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.010 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

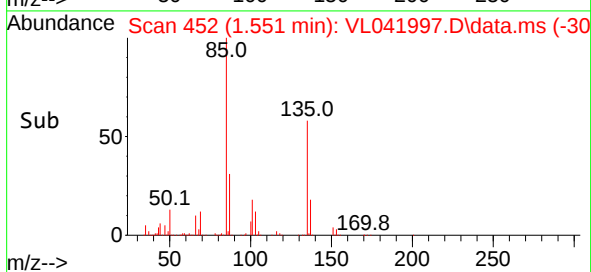
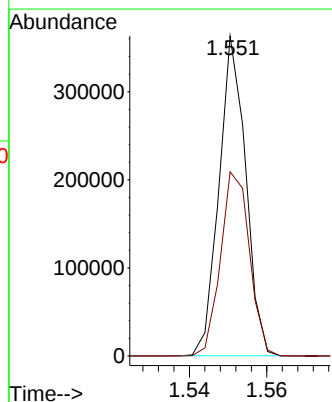
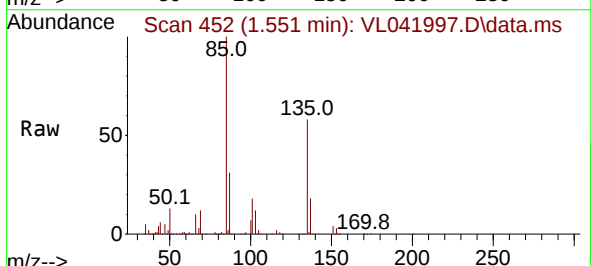
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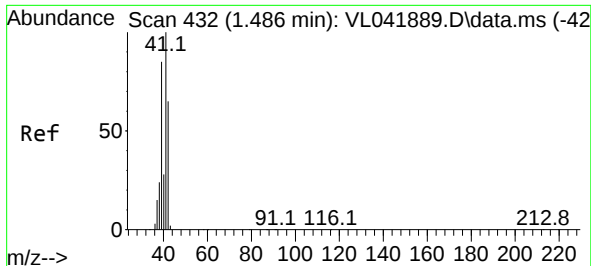
Tgt Ion: 64 Resp: 31606
Ion Ratio Lower Upper
64 100
66 30.4 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 9.048 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 85 Resp: 173737
Ion Ratio Lower Upper
85 100
135 62.6 50.0 75.0





#9

Propene

Concen: 9.381 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

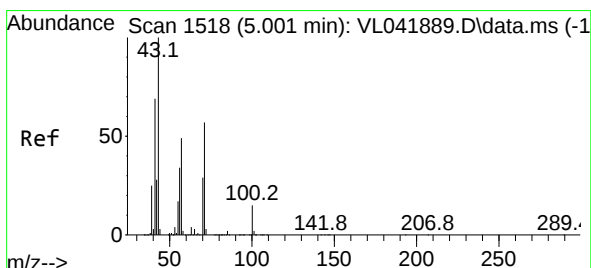
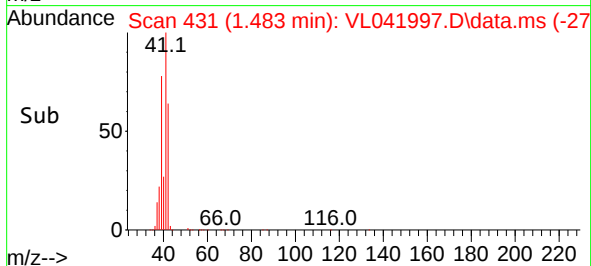
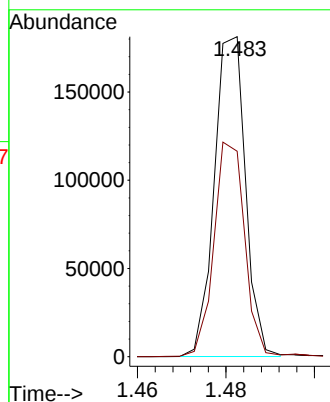
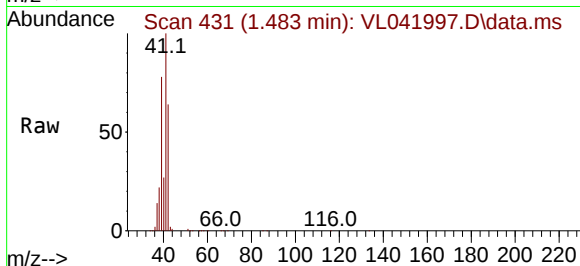
VL0211ABS01

Tgt Ion: 41 Resp: 88949

Ion Ratio Lower Upper

41 100

42 66.8 52.0 78.0



#10

Heptane

Concen: 10.195 ppbv

RT: 4.965 min Scan# 1507

Delta R.T. -0.036 min

Lab File: VL041997.D

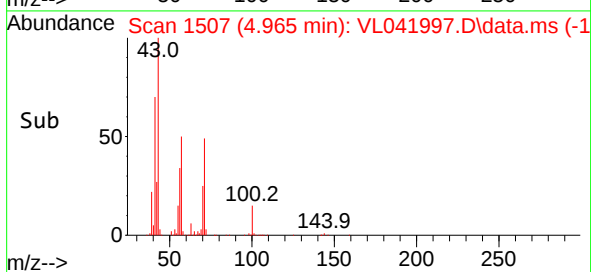
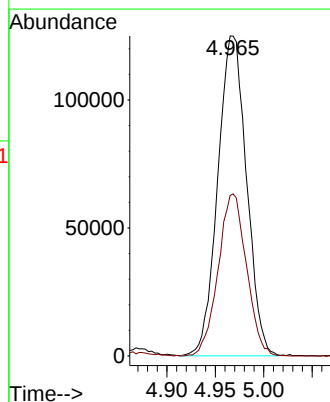
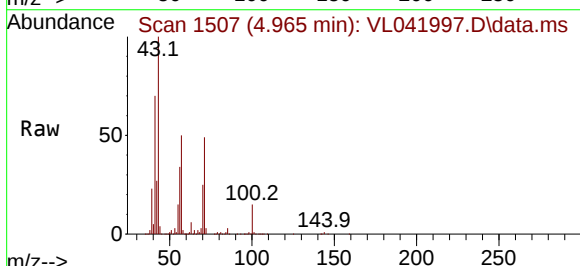
Acq: 11 Feb 2025 10:50

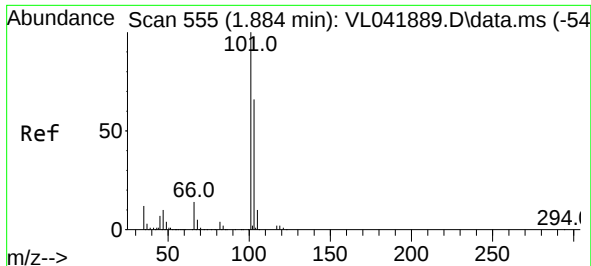
Tgt Ion: 43 Resp: 258397

Ion Ratio Lower Upper

43 100

57 49.8 41.0 61.4

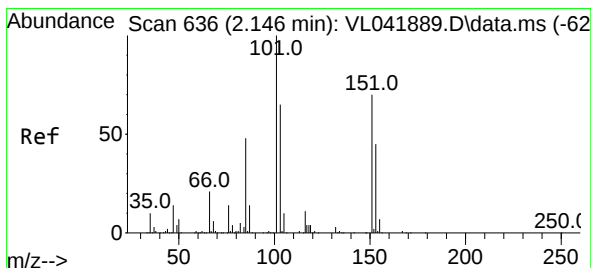
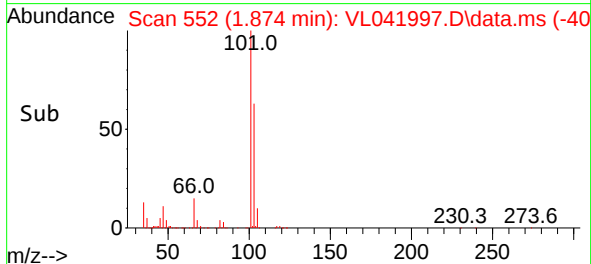
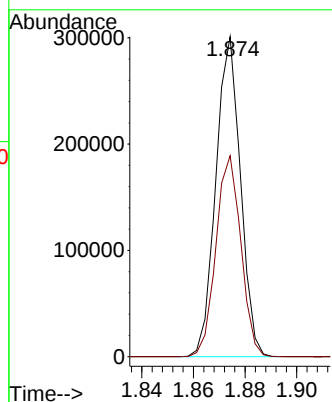
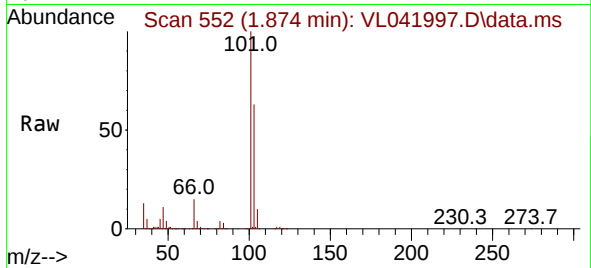




#11
 Trichlorofluoromethane
 Concen: 8.713 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.010 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

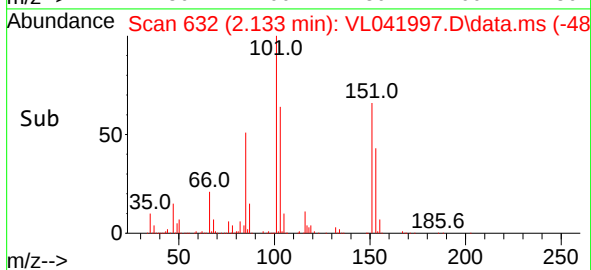
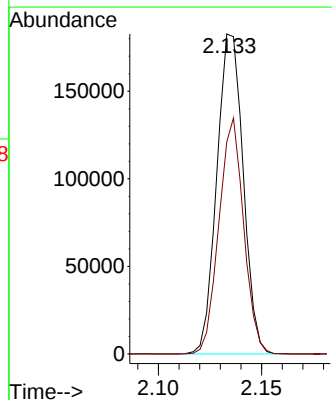
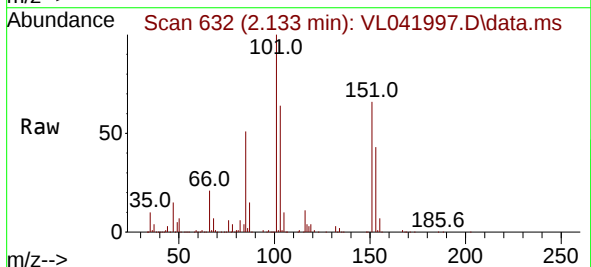
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

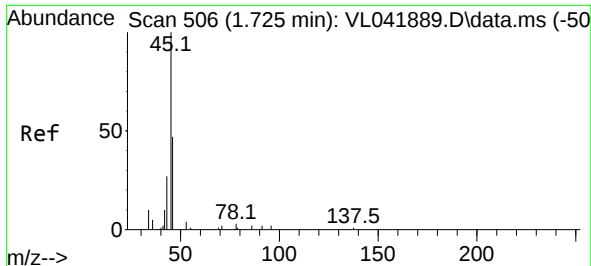
Tgt Ion:101 Resp: 199153
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.073 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. -0.013 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion:101 Resp: 162522
 Ion Ratio Lower Upper
 101 100
 151 68.9 56.1 84.1

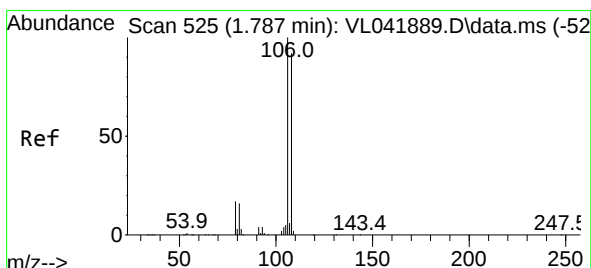
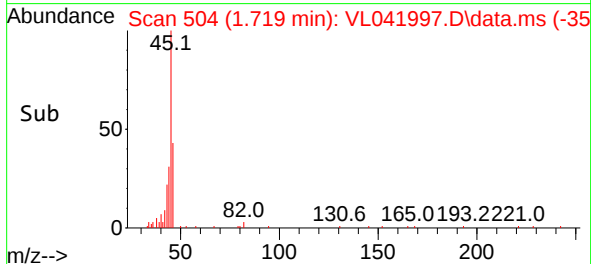
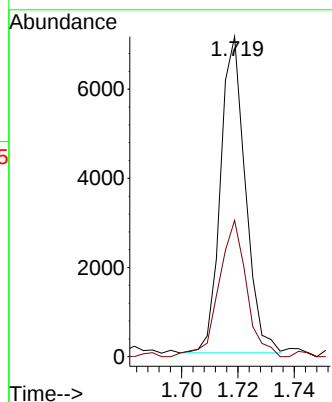
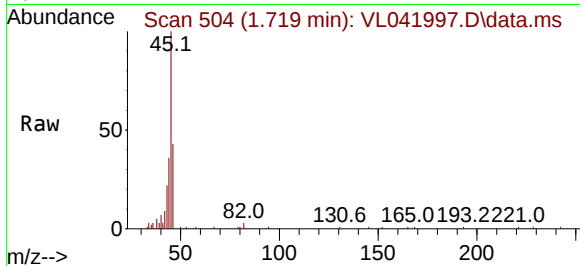




#13
Ethanol
Concen: 6.275 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.007 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

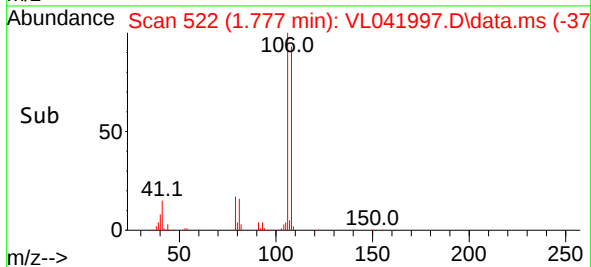
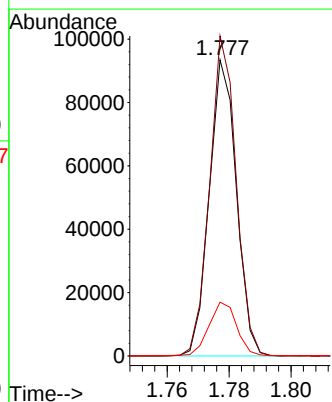
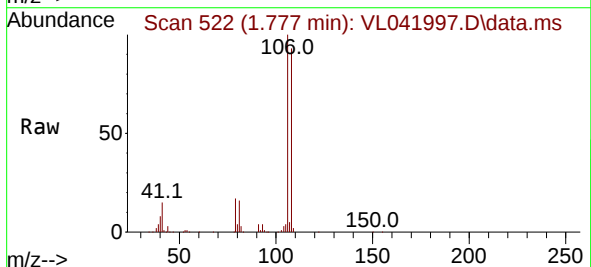
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

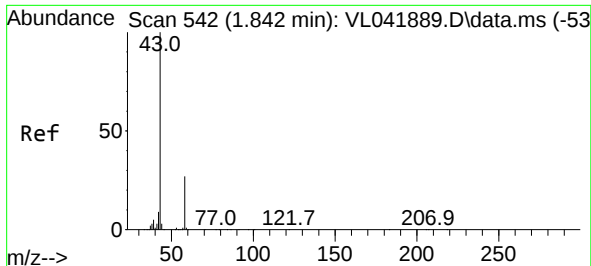
Tgt Ion: 45 Resp: 4358
Ion Ratio Lower Upper
45 100
46 48.6 18.1 72.5



#14
Bromoethene
Concen: 8.636 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 108 Resp: 56642
Ion Ratio Lower Upper
108 100
106 106.0 85.5 128.3
79 19.3 15.3 22.9

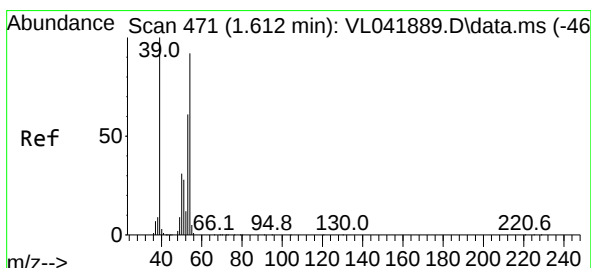
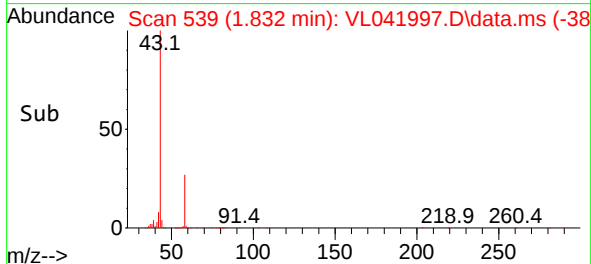
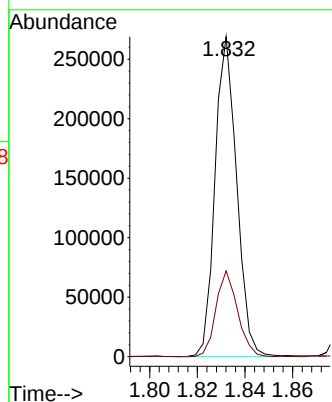
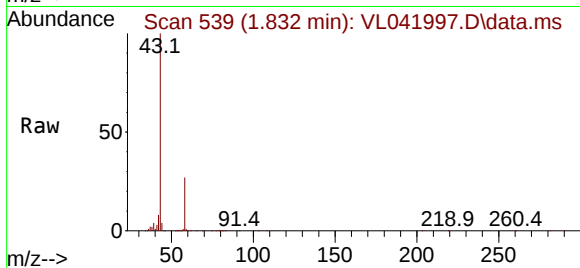




#15
Acetone
Concen: 8.767 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

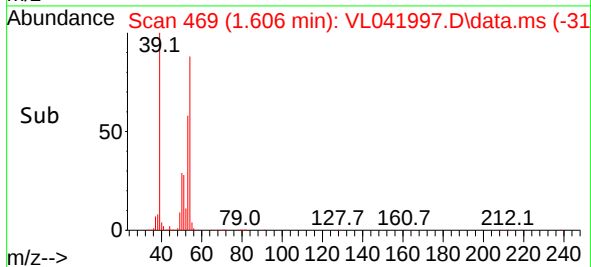
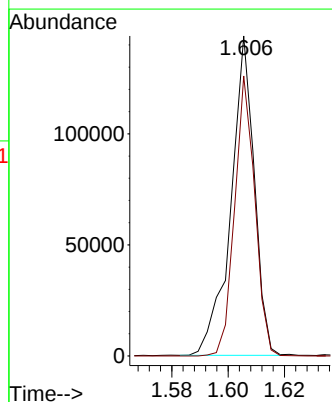
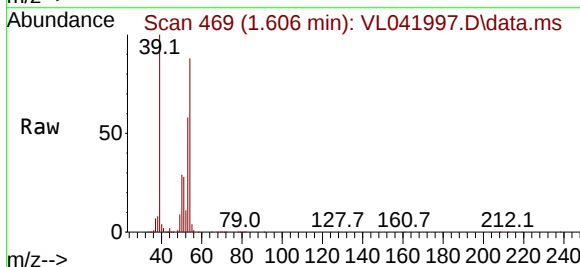
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

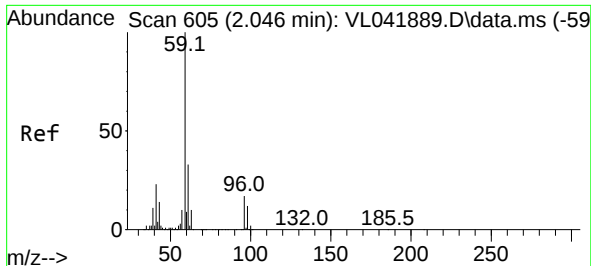
Tgt Ion: 43 Resp: 169851
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9



#16
1,3-Butadiene
Concen: 9.575 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 39 Resp: 83262
Ion Ratio Lower Upper
39 100
54 75.4 61.6 92.4





#17

tert-Butyl alcohol

Concen: 8.137 ppbv

RT: 2.036 min Scan# 605

Delta R.T. -0.010 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

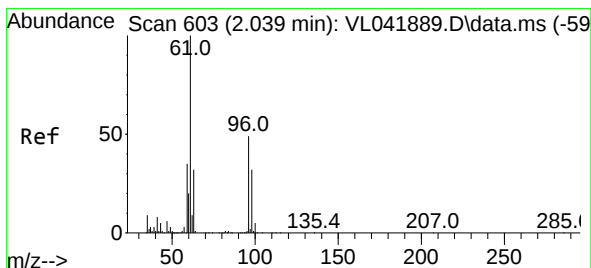
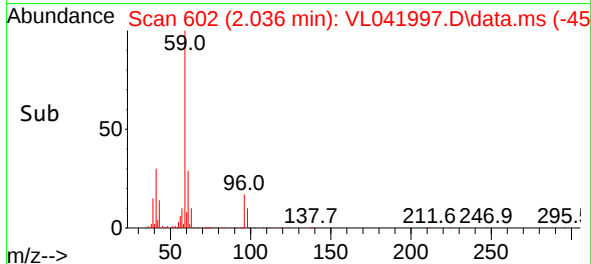
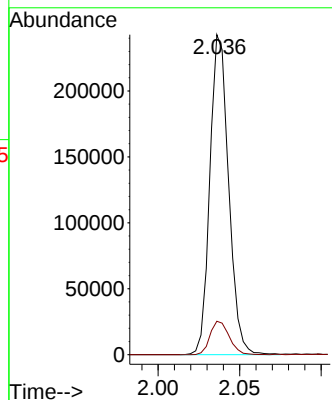
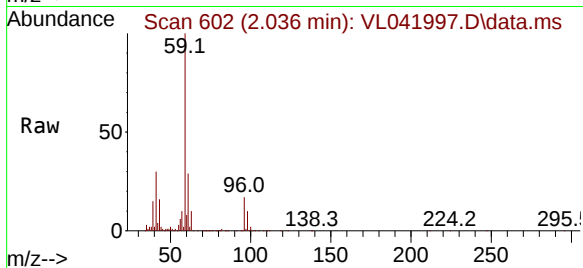
VL0211ABS01

Tgt Ion: 59 Resp: 194019

Ion Ratio Lower Upper

59 100

57 10.9 7.8 11.8



#18

1,1-Dichloroethene

Concen: 8.346 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.010 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

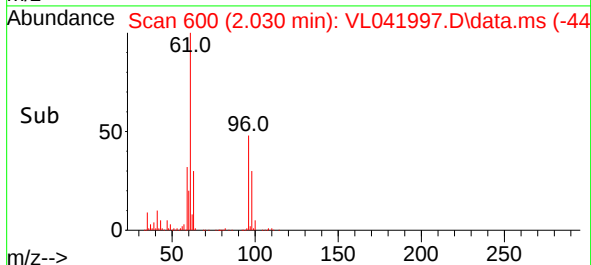
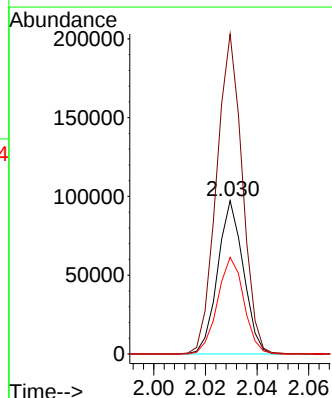
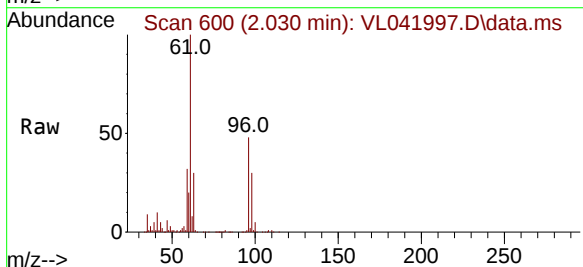
Tgt Ion: 96 Resp: 67380

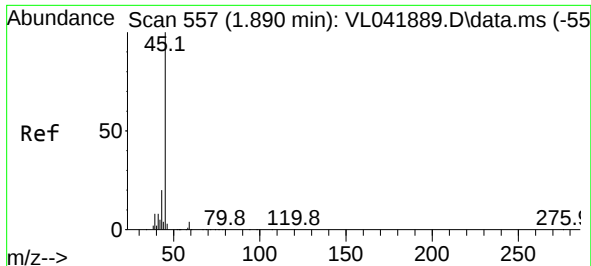
Ion Ratio Lower Upper

96 100

61 208.7 163.1 244.7

98 63.1 52.7 79.1

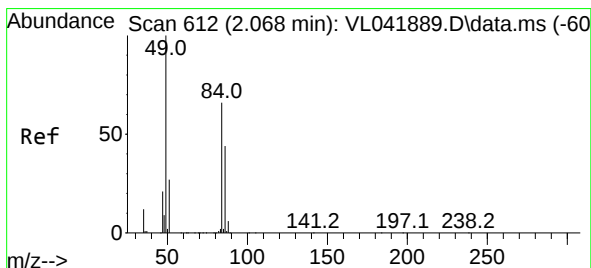
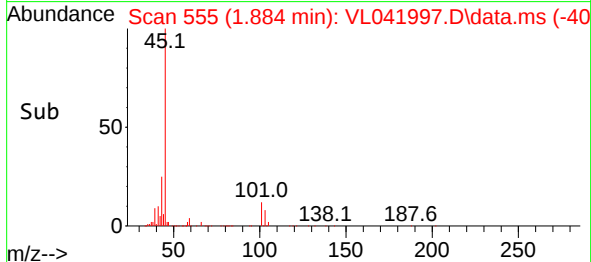
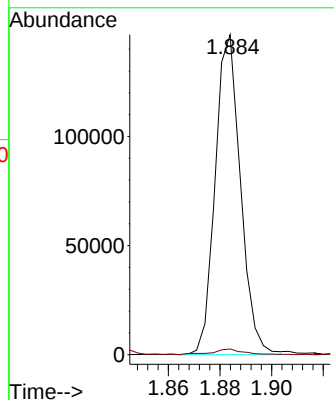
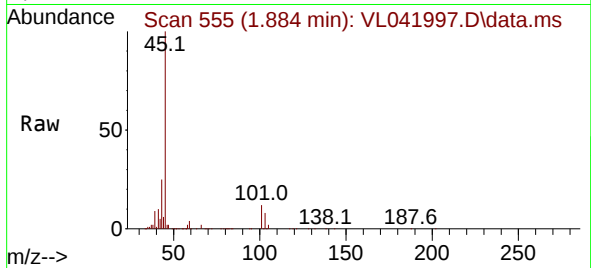




#19
Isopropyl Alcohol
Concen: 8.682 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

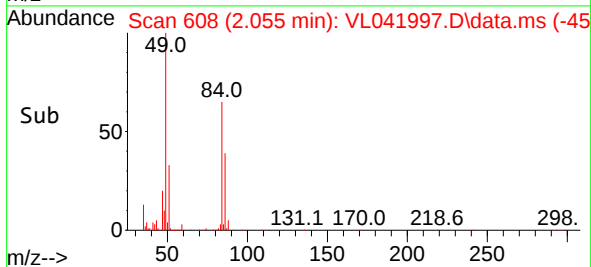
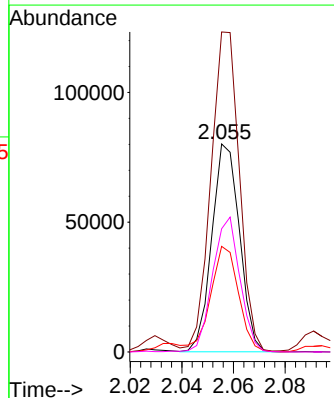
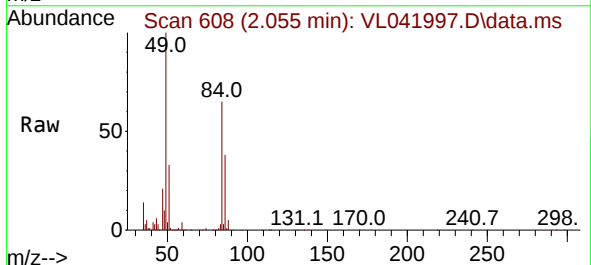
Instrument :
MSVOA_1
ClientSampleId :
VL0211ABS01

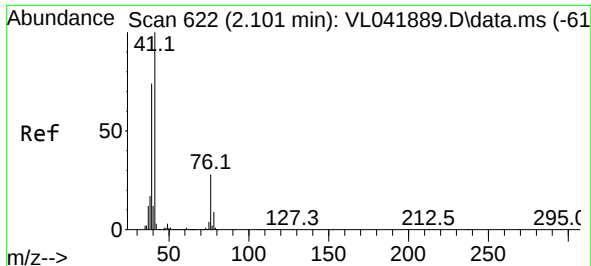
Tgt Ion: 45 Resp: 99738
Ion Ratio Lower Upper
45 100
58 2.3 35.0 52.6#



#20
Methylene Chloride
Concen: 7.790 ppbv
RT: 2.055 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 84 Resp: 59645
Ion Ratio Lower Upper
84 100
49 153.4 123.1 184.7
51 50.7 35.8 53.8
86 59.2 53.7 80.5

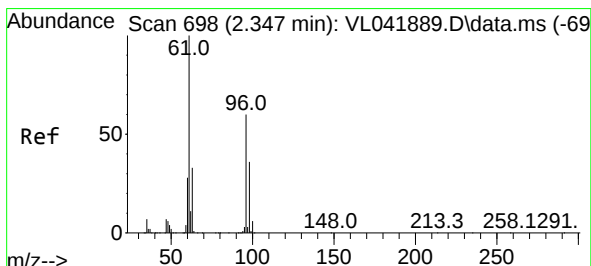
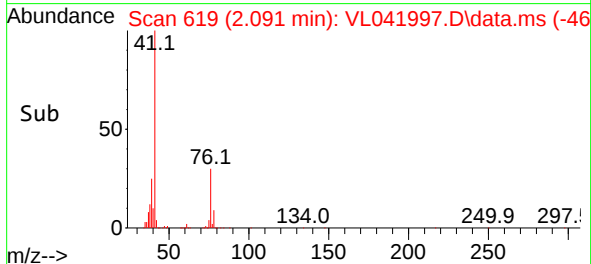
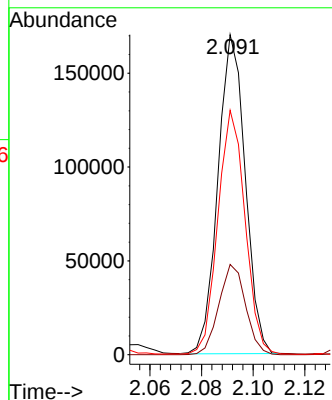
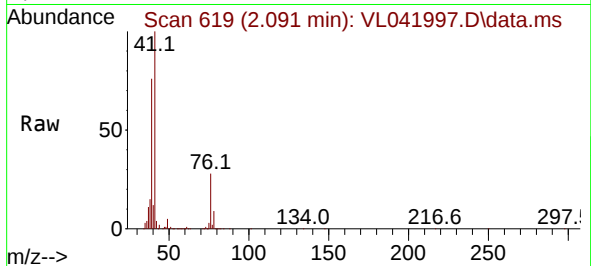




#21
 Allyl Chloride
 Concen: 9.296 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

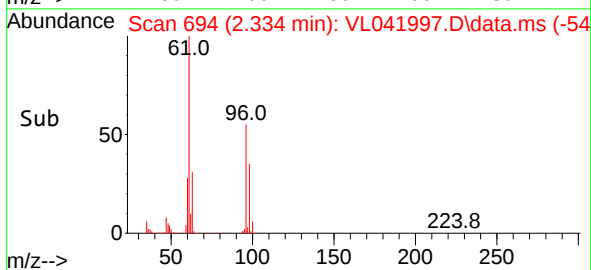
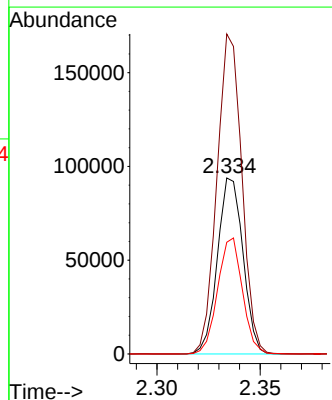
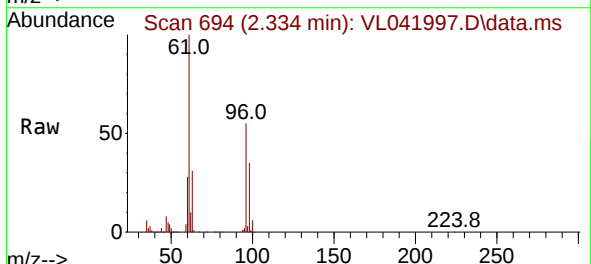
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

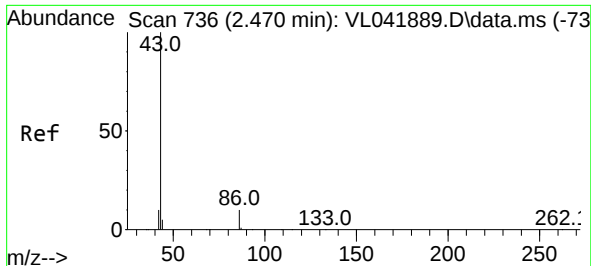
Tgt Ion: 41 Resp: 124715
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.2 36.4
 39 76.0 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 8.845 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 96 Resp: 80599
 Ion Ratio Lower Upper
 96 100
 61 181.9 134.5 201.7
 98 63.5 48.9 73.3

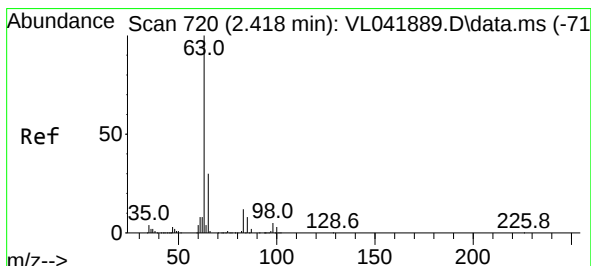
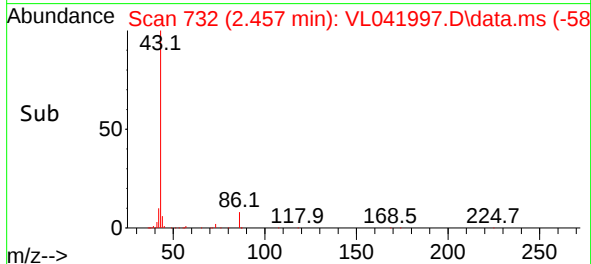
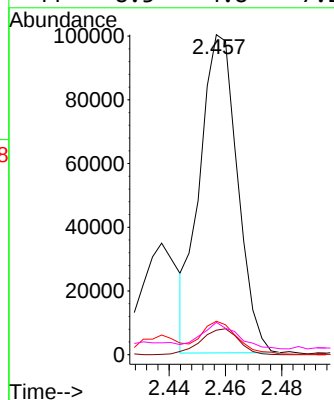
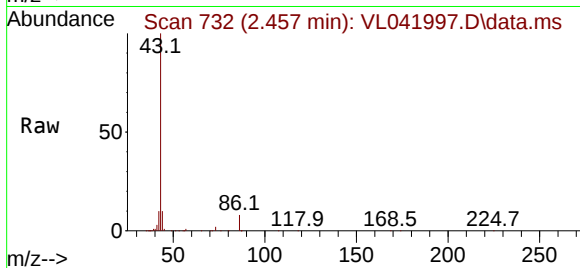




#23
 Vinyl Acetate
 Concen: 9.693 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. -0.013 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

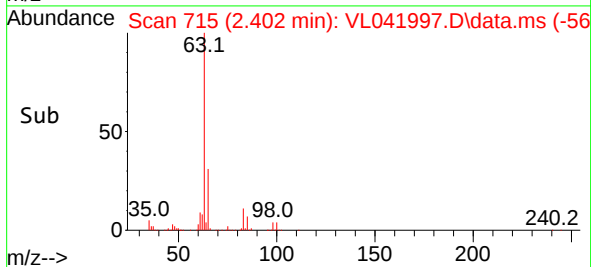
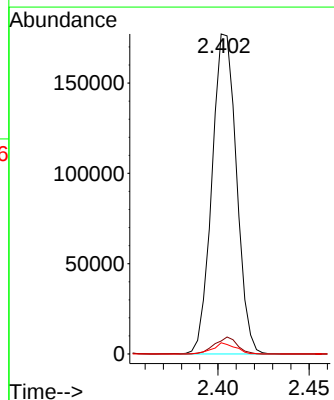
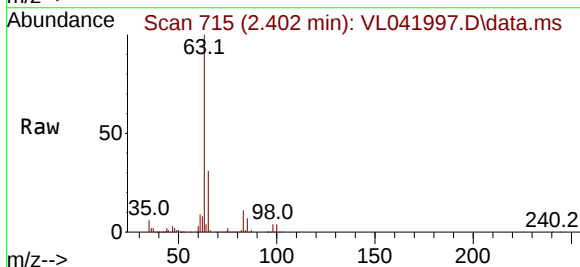
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0211ABS01

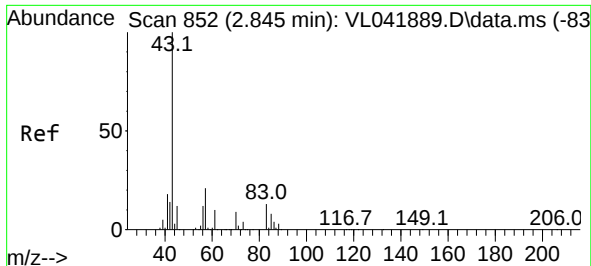
Tgt Ion:	43	Resp:	93090
Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.2	9.4
42	10.3	8.5	12.7
44	8.3	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 9.402 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion:	63	Resp:	165710
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.6	7.8
100	3.5	1.4	4.2



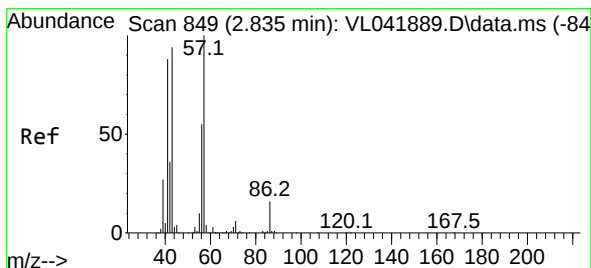
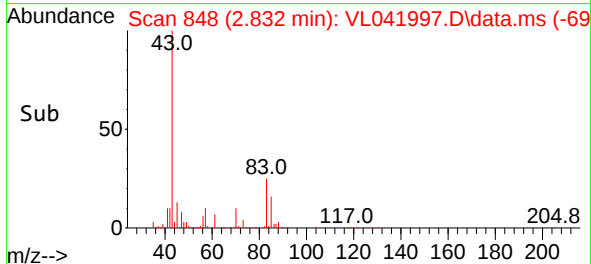
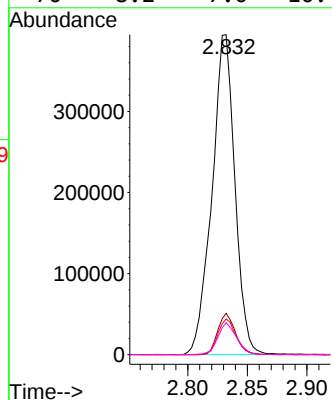
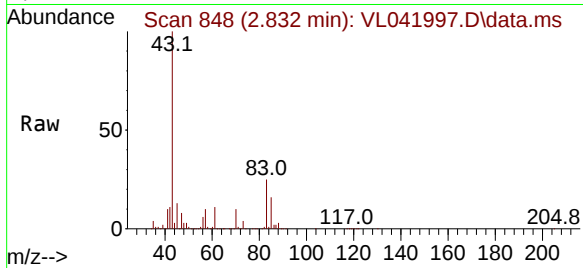


#25
Ethyl Acetate
Concen: 10.091 ppbv
RT: 2.832 min Scan# 844
Delta R.T. -0.013 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

Tgt Ion: 43 Resp: 527204

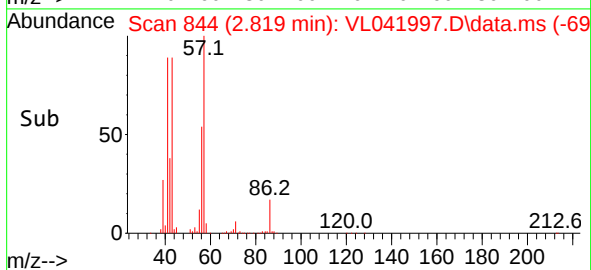
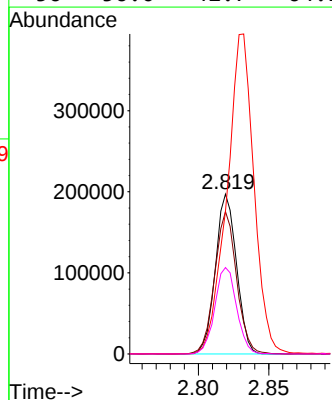
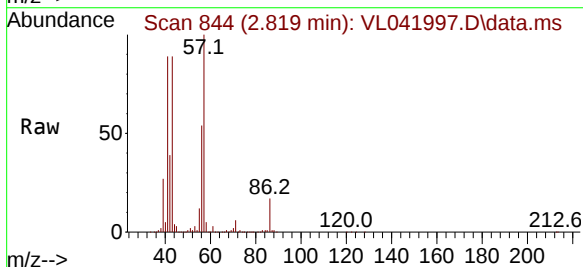
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.0	7.4	11.0
70	8.2	7.0	10.4

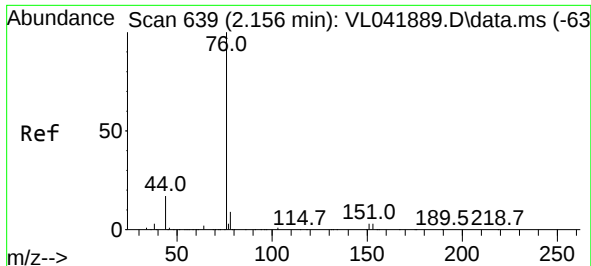


#26
Hexane
Concen: 9.932 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 57 Resp: 205220

Ion	Ratio	Lower	Upper
57	100		
41	93.0	73.8	110.8
43	257.7	197.3	295.9
56	56.0	42.7	64.1

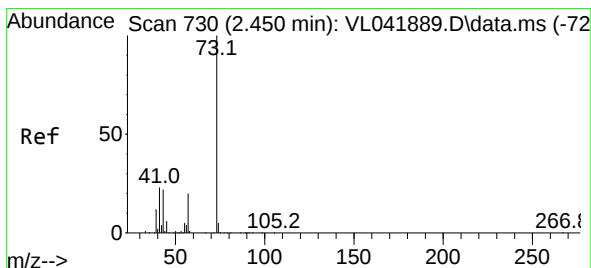
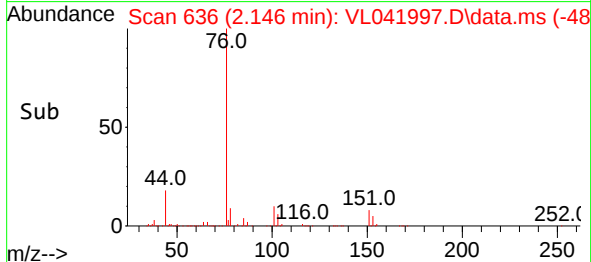
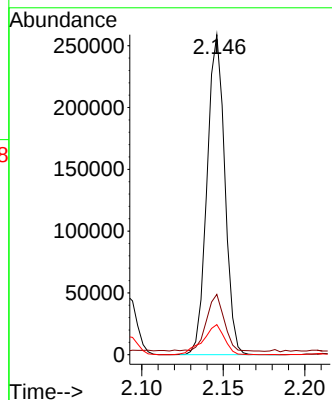
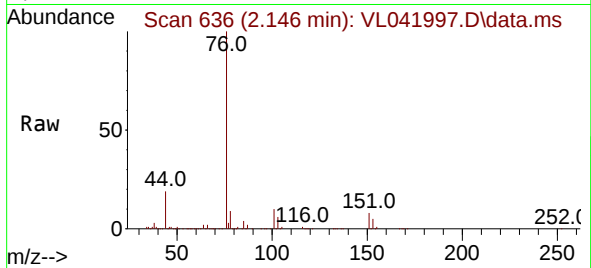




#27
Carbon Disulfide
Concen: 9.546 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

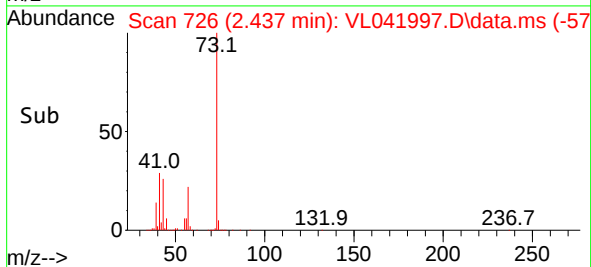
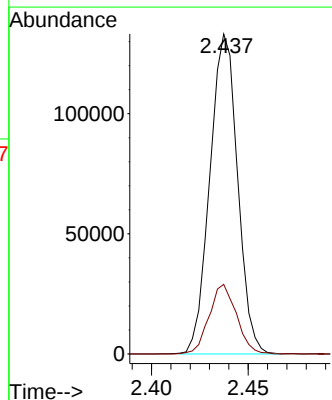
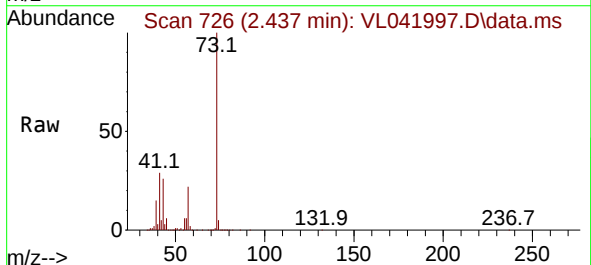
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

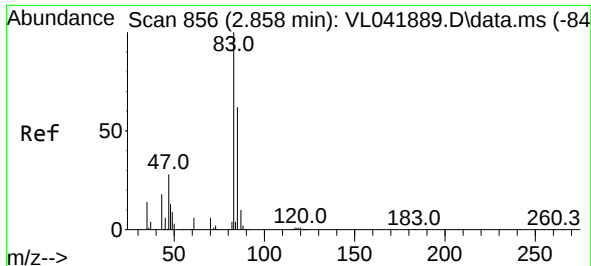
Tgt Ion: 76 Resp: 195192
Ion Ratio Lower Upper
76 100
44 18.5 15.4 23.0
78 11.4 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.398 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 73 Resp: 132634
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1





#29

Chloroform

Concen: 9.498 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

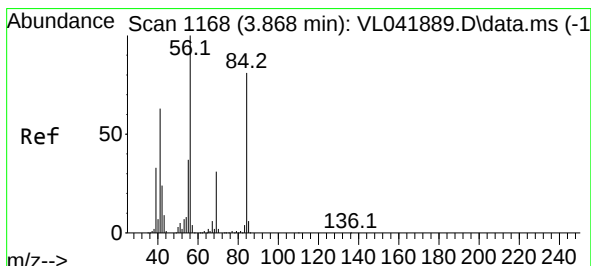
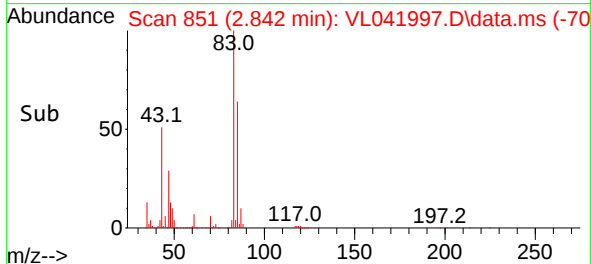
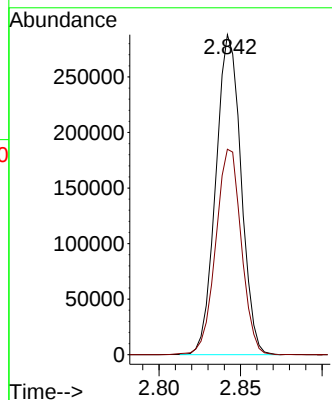
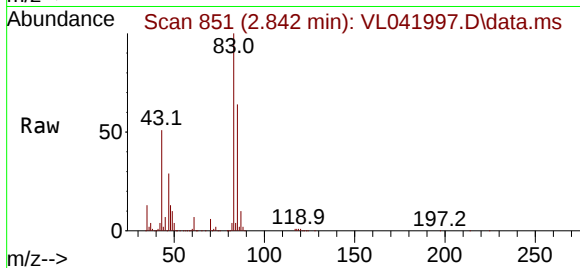
VL0211ABS01

Tgt Ion: 83 Resp: 310248

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1



#30

Cyclohexane

Concen: 9.433 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.019 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

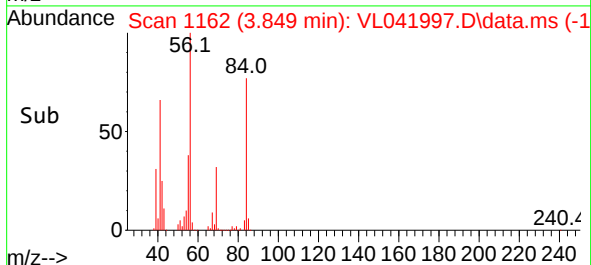
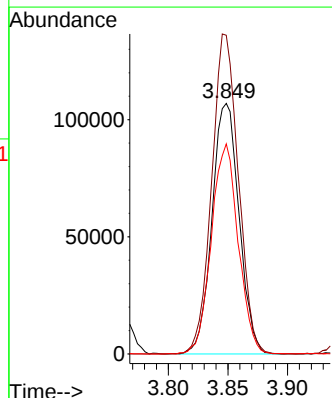
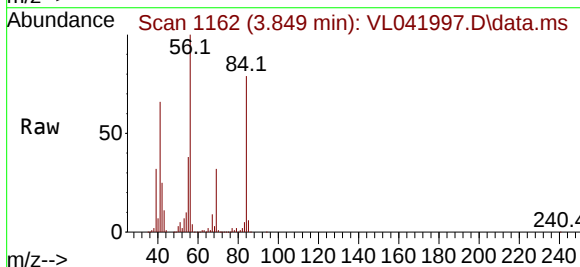
Tgt Ion: 84 Resp: 169062

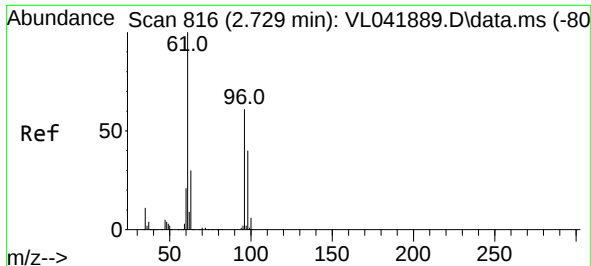
Ion Ratio Lower Upper

84 100

56 125.7 99.3 148.9

41 83.3 64.3 96.5

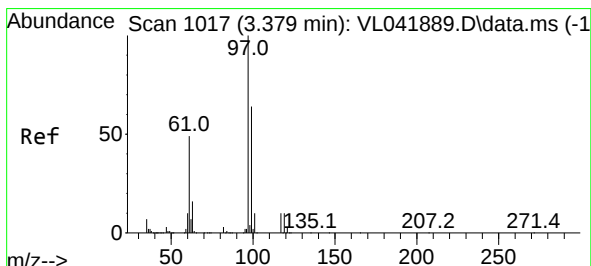
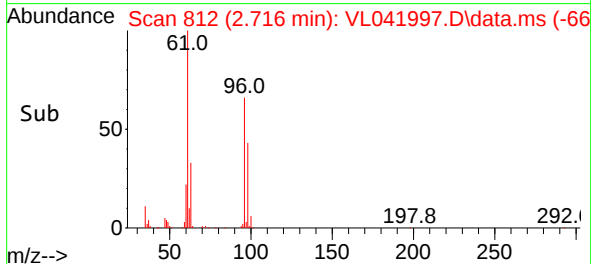
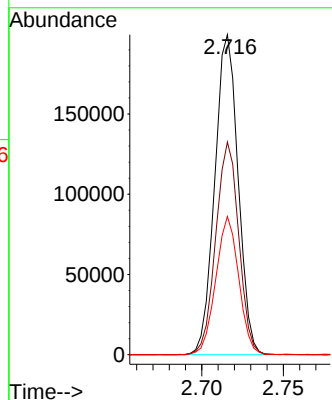
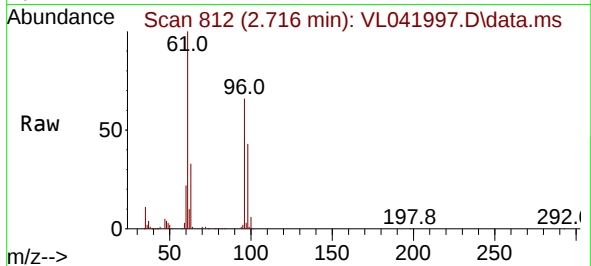




#31
 cis-1,2-Dichloroethene
 Concen: 9.115 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

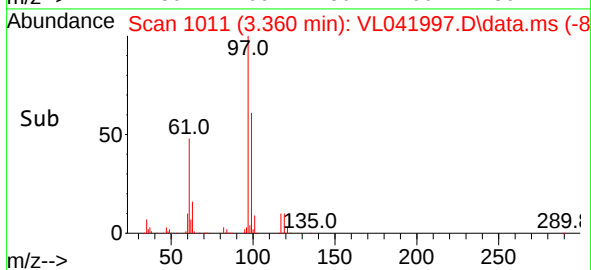
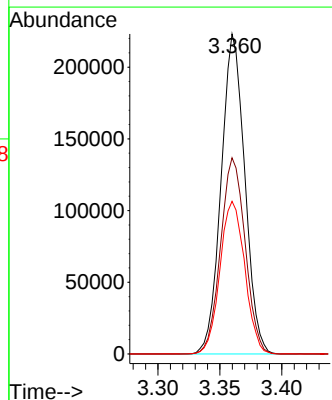
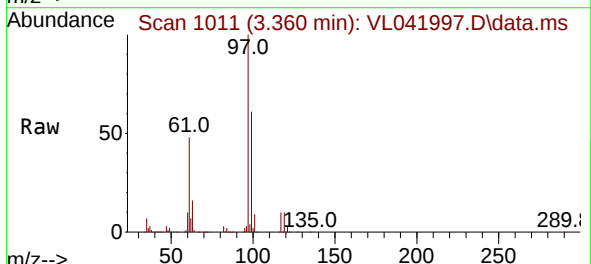
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

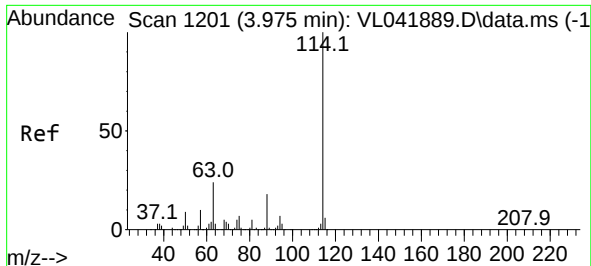
Tgt Ion: 61 Resp: 198315
 Ion Ratio Lower Upper
 61 100
 96 66.4 48.7 73.1
 98 43.2 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 9.506 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.019 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 97 Resp: 297110
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.1 76.7
 61 50.1 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.026 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

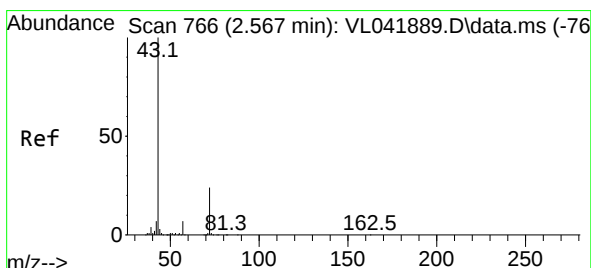
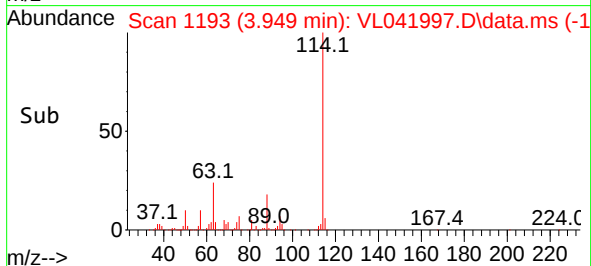
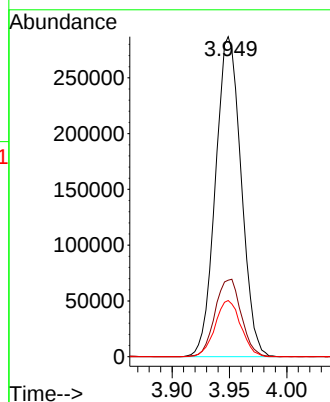
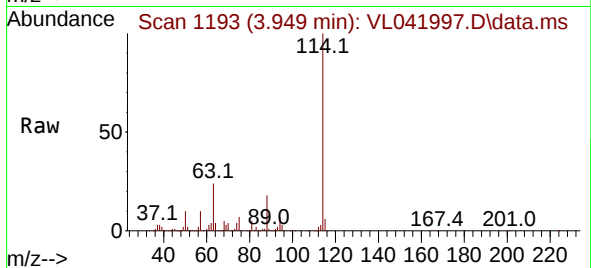
Tgt Ion:114 Resp: 446315

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

88 17.6 14.4 21.6



#34

2-Butanone

Concen: 10.565 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041997.D

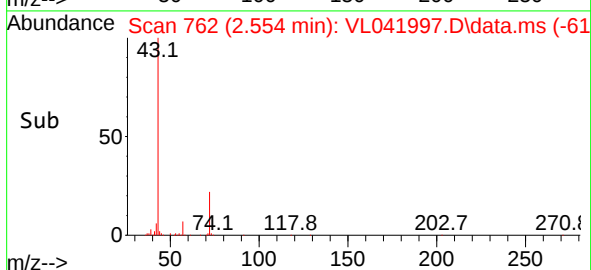
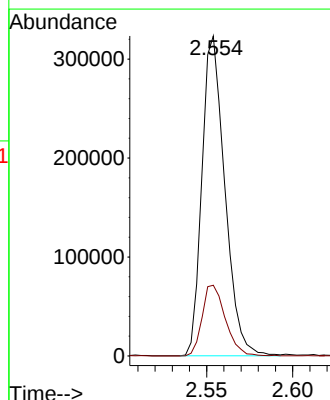
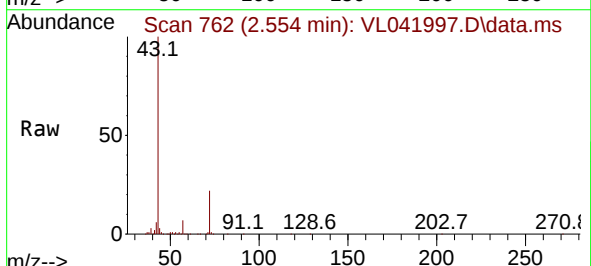
Acq: 11 Feb 2025 10:50

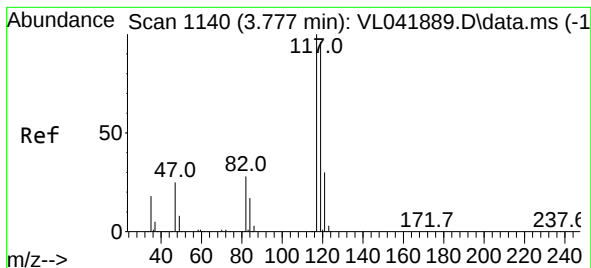
Tgt Ion: 43 Resp: 299866

Ion Ratio Lower Upper

43 100

72 22.6 18.6 28.0





#35

Carbon Tetrachloride

Concen: 10.592 ppbv

RT: 3.755 min Scan# 1113

Delta R.T. -0.023 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

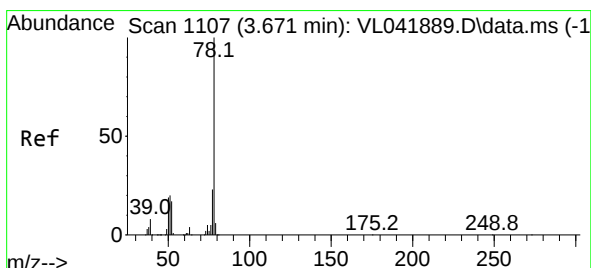
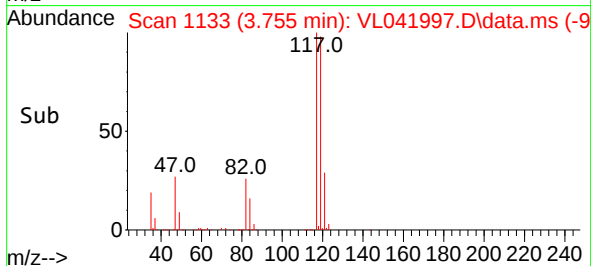
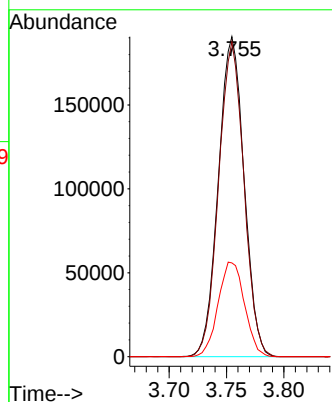
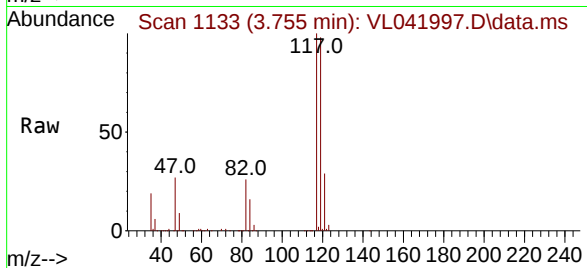
Tgt Ion:117 Resp: 296944

Ion Ratio Lower Upper

117 100

119 98.4 76.9 115.3

121 29.3 23.8 35.6



#36

Benzene

Concen: 10.233 ppbv

RT: 3.648 min Scan# 1100

Delta R.T. -0.023 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

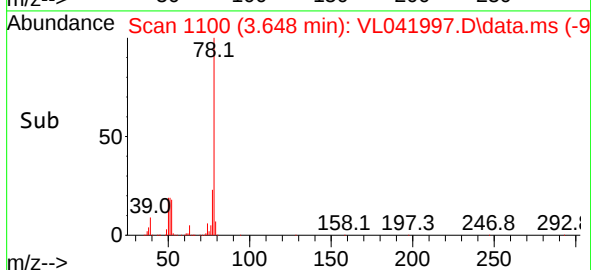
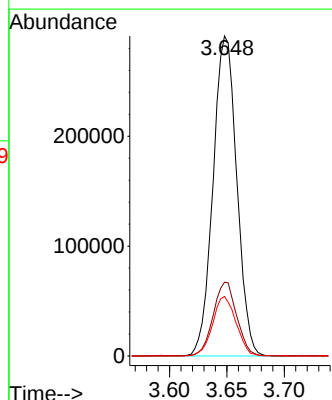
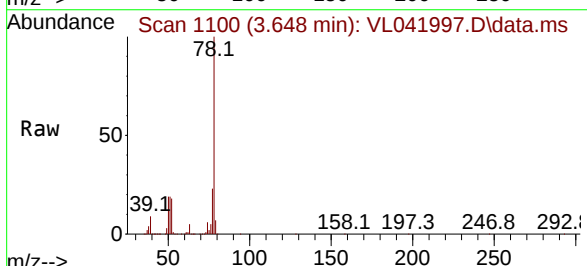
Tgt Ion: 78 Resp: 418876

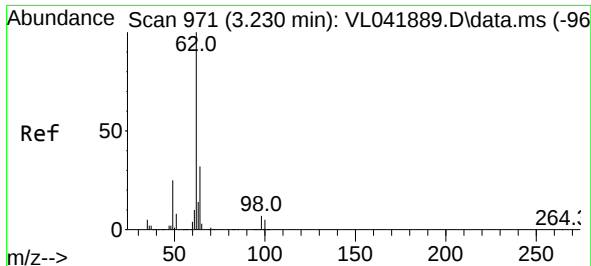
Ion Ratio Lower Upper

78 100

77 23.0 18.1 27.1

50 18.6 15.2 22.8

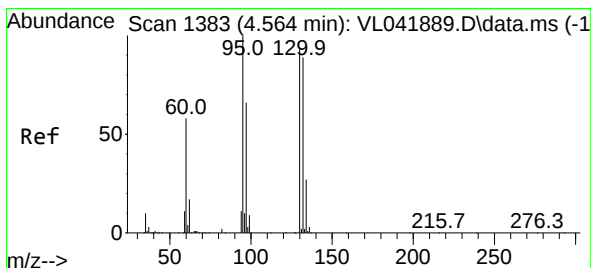
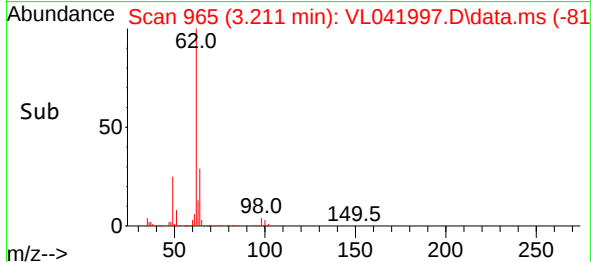
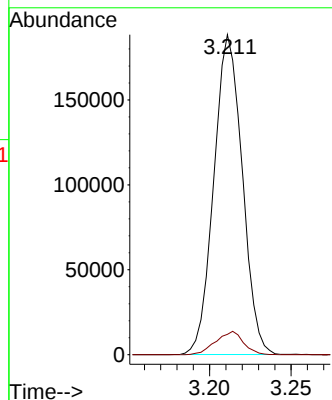
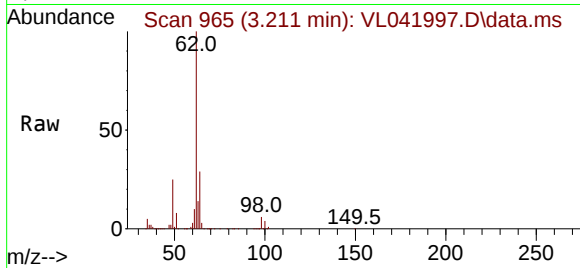




#37
1,2-Dichloroethane
Concen: 9.924 ppbv
RT: 3.211 min Scan# 9
Delta R.T. -0.019 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

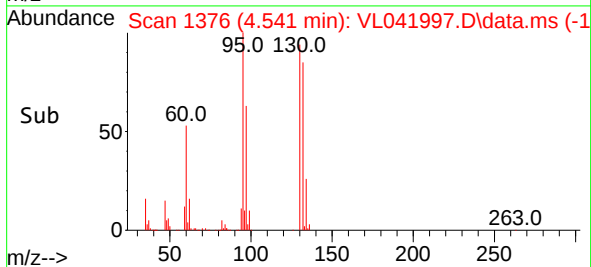
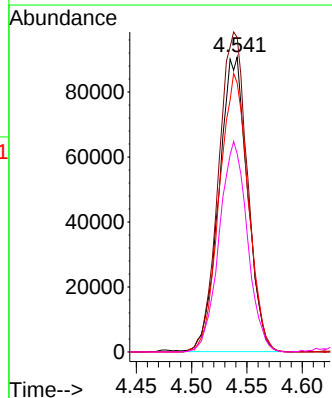
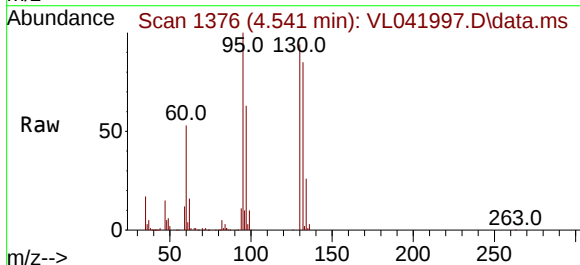
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

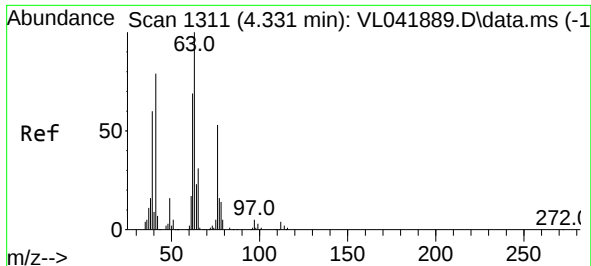
Tgt Ion: 62 Resp: 228142
Ion Ratio Lower Upper
62 100
98 7.1 5.4 8.0



#38
Trichloroethene
Concen: 10.028 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:130 Resp: 162897
Ion Ratio Lower Upper
130 100
95 106.8 85.8 128.8
132 91.3 76.5 114.7
97 67.2 56.8 85.2





#39

1,2-Dichloropropane

Concen: 10.181 ppbv

RT: 4.305 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

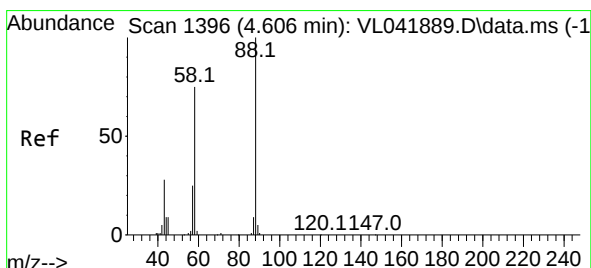
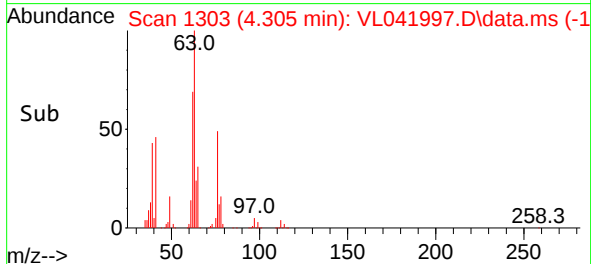
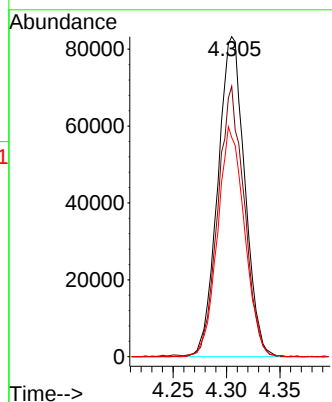
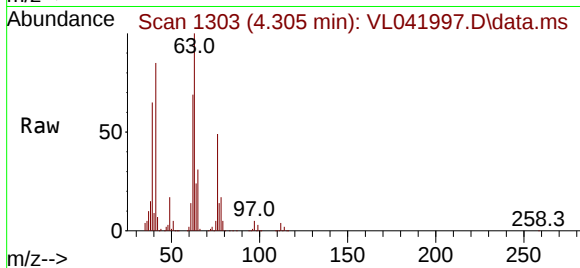
Tgt Ion: 63 Resp: 146187

Ion Ratio Lower Upper

63 100

41 84.1 63.7 95.5

62 68.5 55.4 83.2



#40

1,4-Dioxane

Concen: 10.354 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.032 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Tgt Ion: 88 Resp: 75080

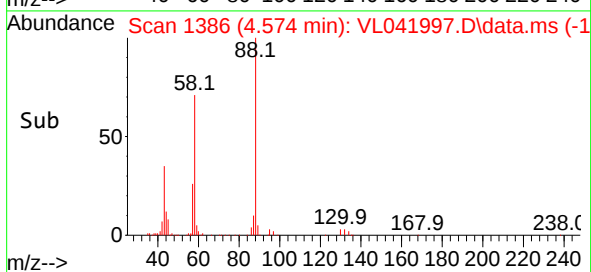
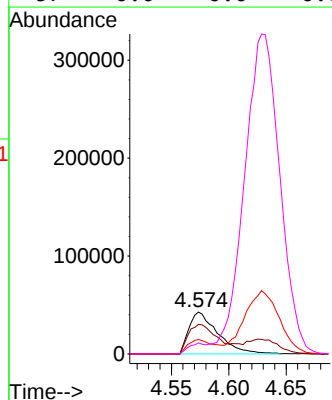
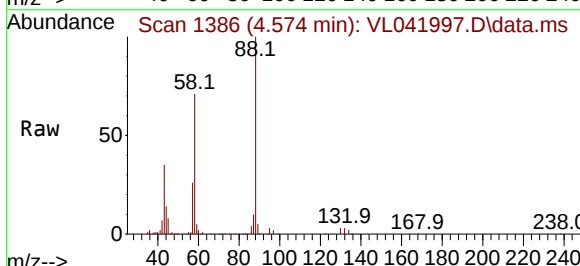
Ion Ratio Lower Upper

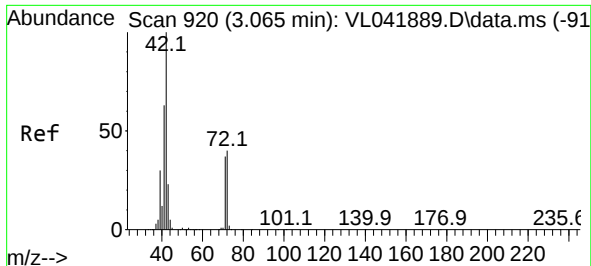
88 100

58 78.6 62.1 93.1

43 30.2 0.0 0.0#

57 0.0 0.0 0.0

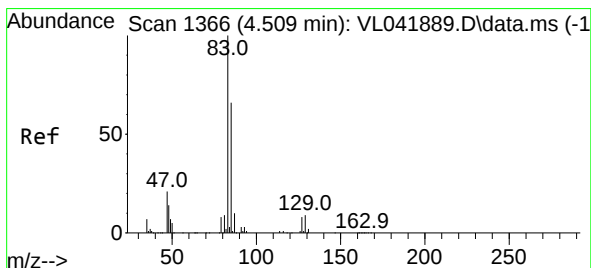
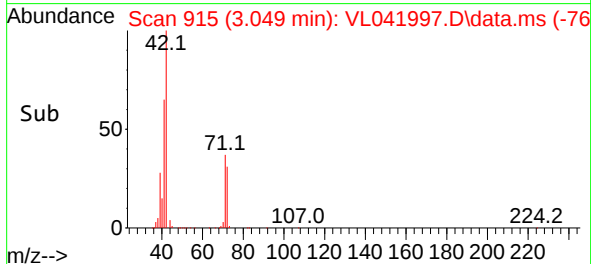
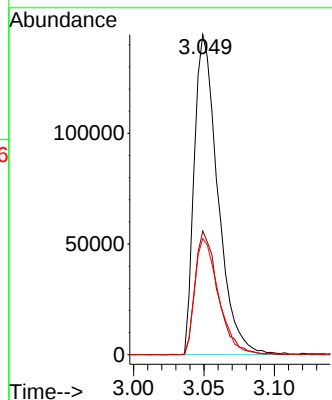
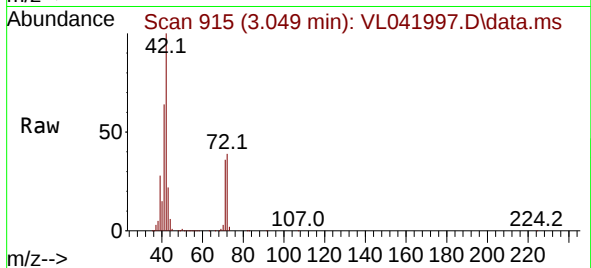




#41
Tetrahydrofuran
Concen: 10.913 ppbv
RT: 3.049 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

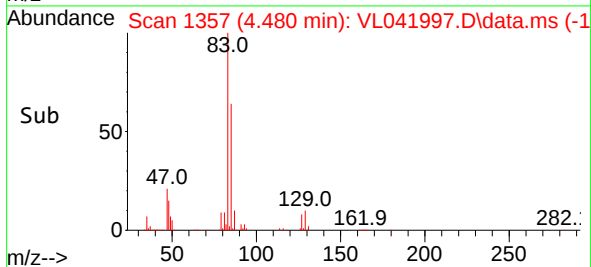
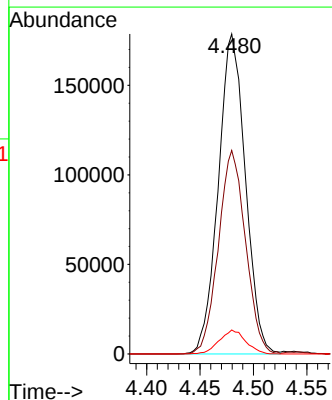
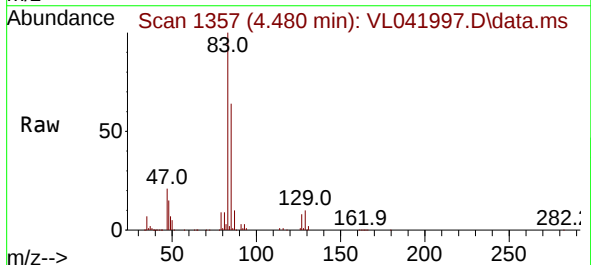
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

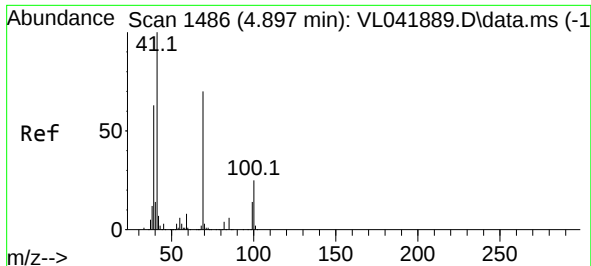
Tgt Ion: 42 Resp: 168345
Ion Ratio Lower Upper
42 100
72 37.6 32.3 48.5
71 36.6 29.9 44.9



#42
Bromodichloromethane
Concen: 10.228 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.029 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 83 Resp: 315265
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 7.5 6.4 9.6

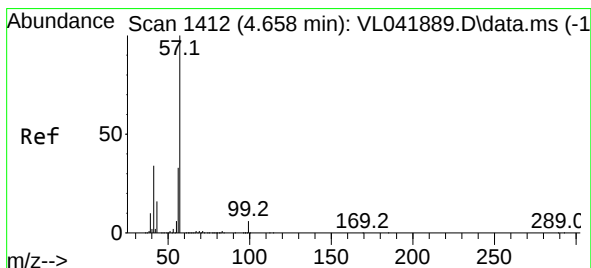
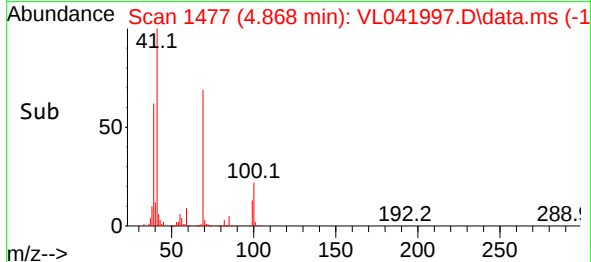
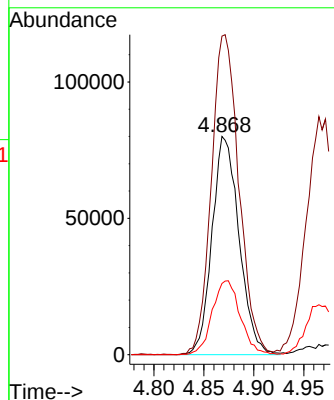
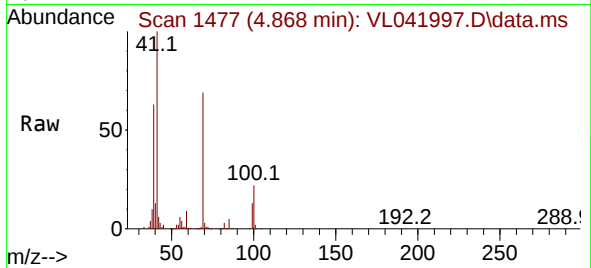




#43
Methyl Methacrylate
Concen: 9.914 ppbv
RT: 4.868 min Scan# 1403
Delta R.T. -0.029 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

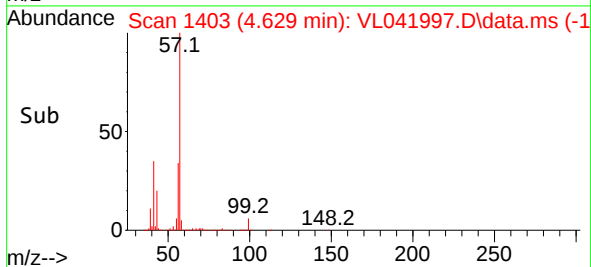
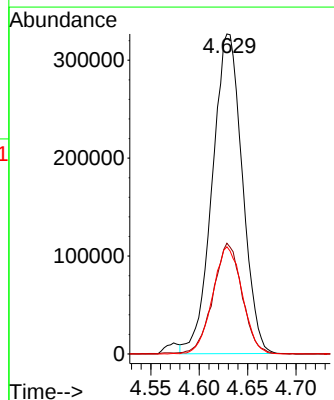
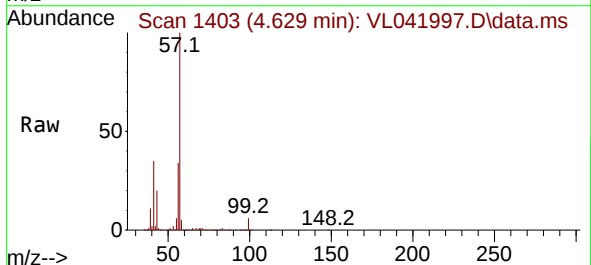
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

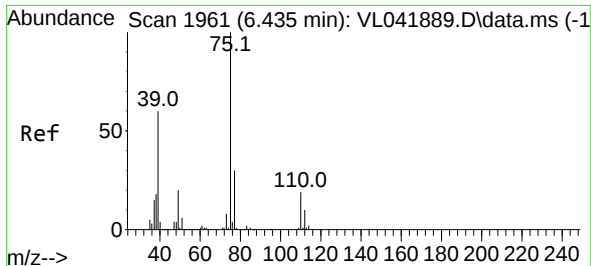
Tgt Ion: 69 Resp: 150766
Ion Ratio Lower Upper
69 100
41 149.1 118.6 177.8
100 35.1 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 10.617 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. -0.029 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 57 Resp: 702943
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 33.1 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 9.625 ppbv

RT: 6.405 min Scan# 1961

Delta R.T. -0.029 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_1

ClientSampleId :

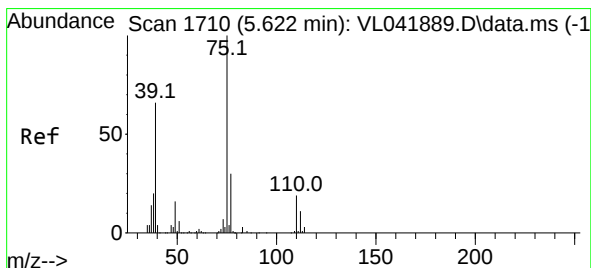
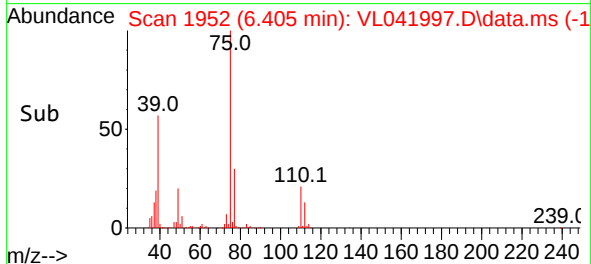
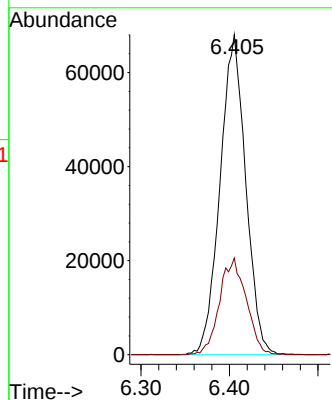
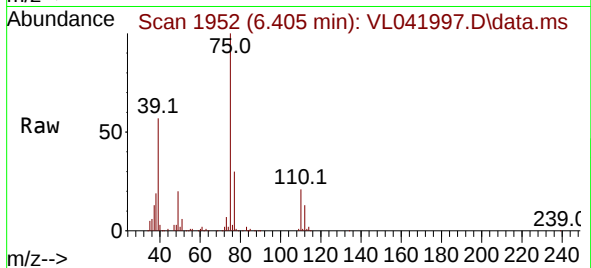
VL0211ABS01

Tgt Ion: 75 Resp: 137007

Ion Ratio Lower Upper

75 100

77 30.2 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 10.061 ppbv

RT: 5.590 min Scan# 1700

Delta R.T. -0.032 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

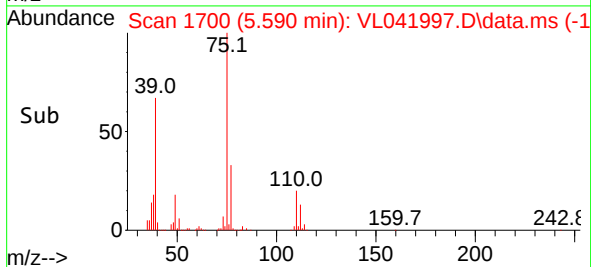
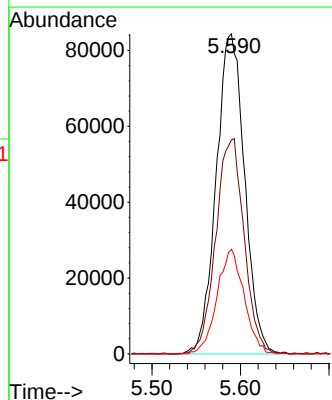
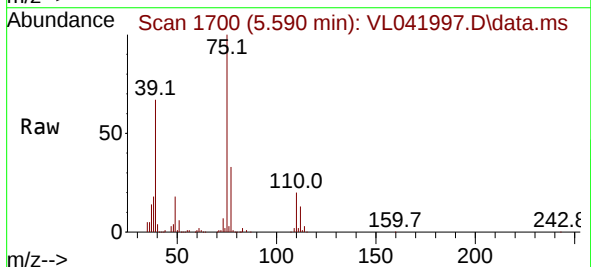
Tgt Ion: 75 Resp: 188032

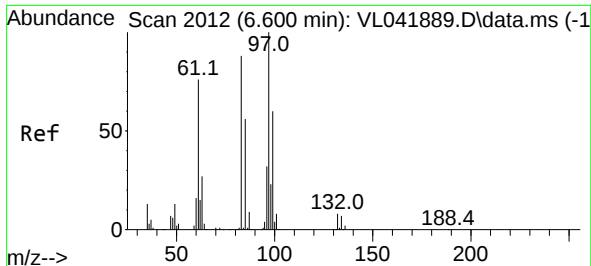
Ion Ratio Lower Upper

75 100

39 66.6 53.1 79.7

77 32.7 23.8 35.8



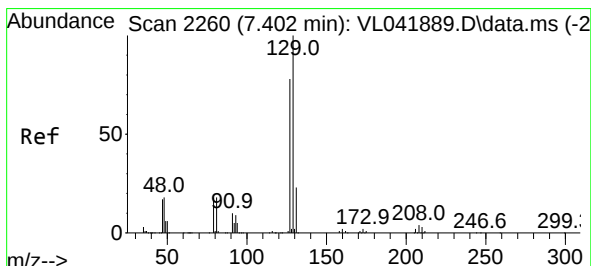
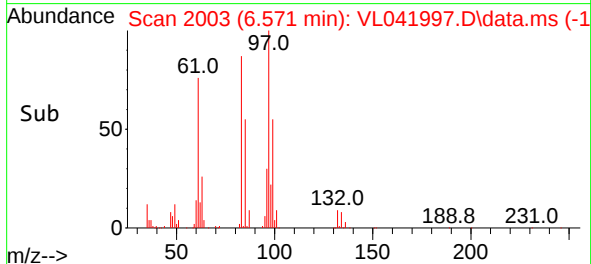
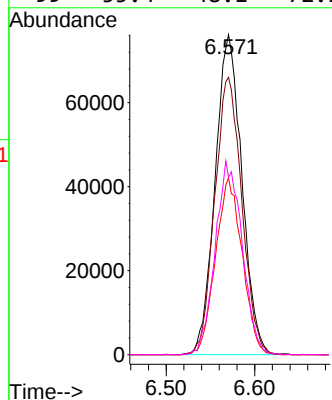
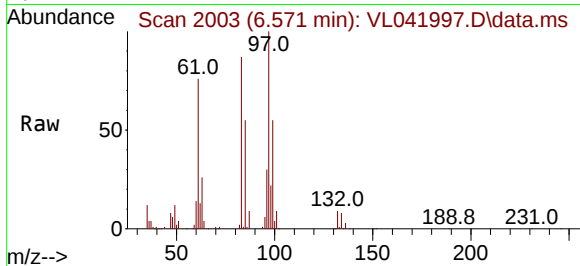


#47
1,1,2-Trichloroethane
Concen: 10.496 ppbv
RT: 6.571 min Scan# 2012
Delta R.T. -0.029 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

Tgt Ion: 97 Resp: 159732

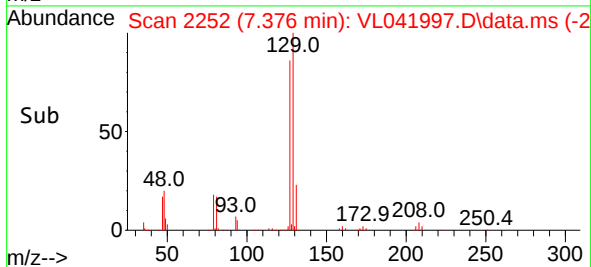
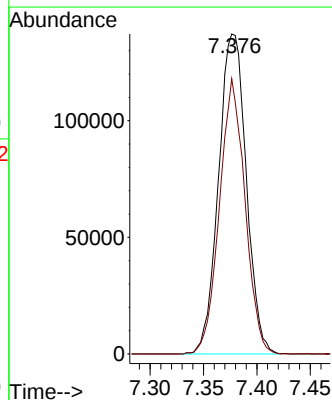
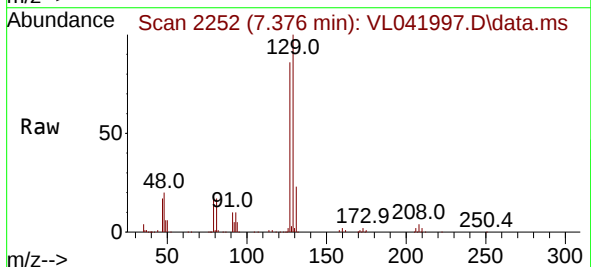
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.4	105.6
85	55.3	45.0	67.4
99	55.4	48.1	72.1

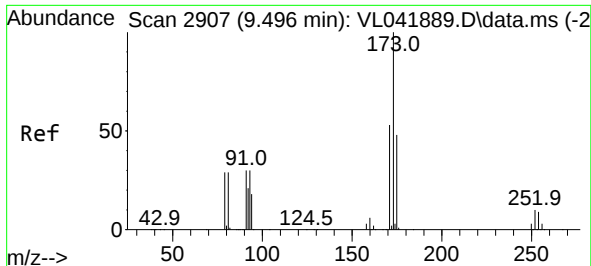


#48
Dibromochloromethane
Concen: 10.550 ppbv
RT: 7.376 min Scan# 2252
Delta R.T. -0.026 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 129 Resp: 247725

Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.3	117.8

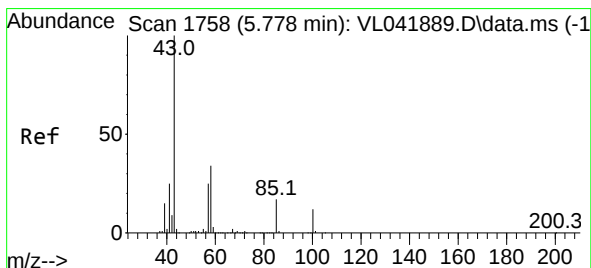
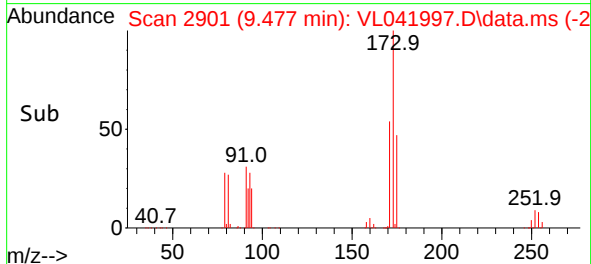
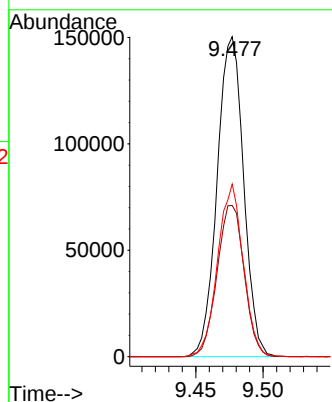
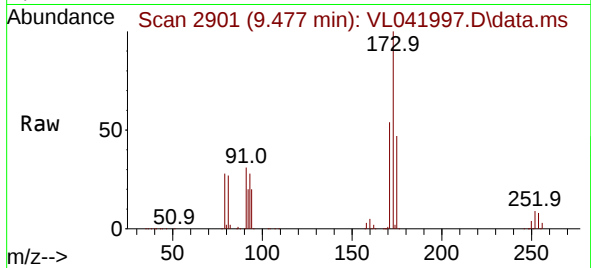




#49
Bromoform
Concen: 10.665 ppbv
RT: 9.477 min Scan# 2907
Delta R.T. -0.019 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

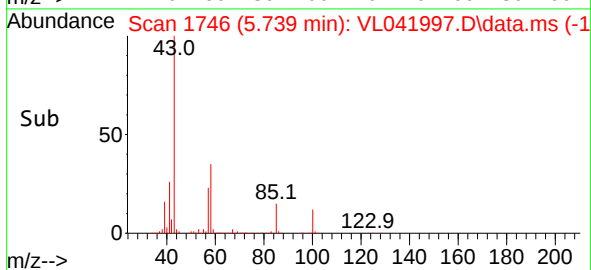
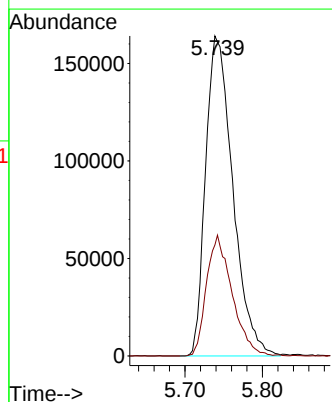
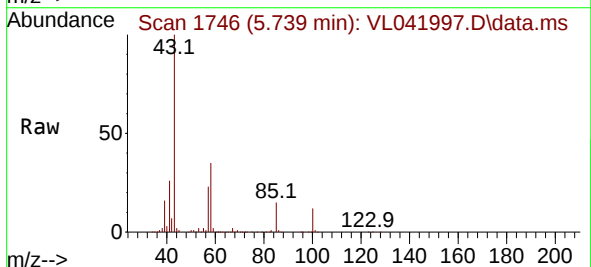
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

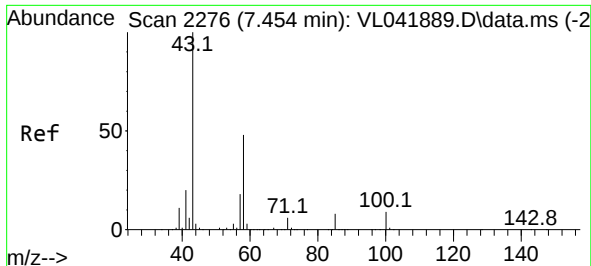
Tgt Ion:173 Resp: 205724
Ion Ratio Lower Upper
173 100
175 48.4 38.4 57.6
171 52.1 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 10.336 ppbv
RT: 5.739 min Scan# 1746
Delta R.T. -0.039 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 43 Resp: 400504
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6

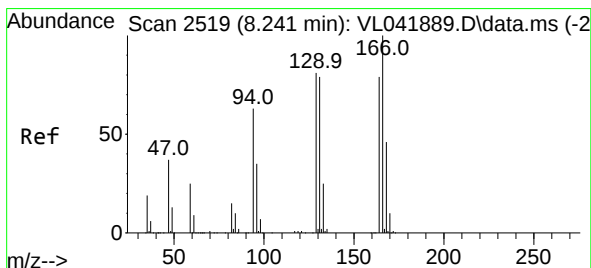
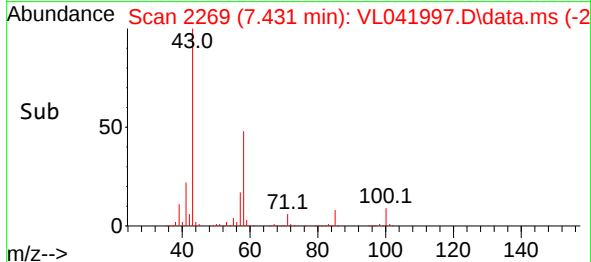
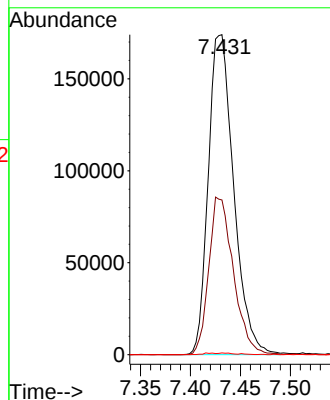
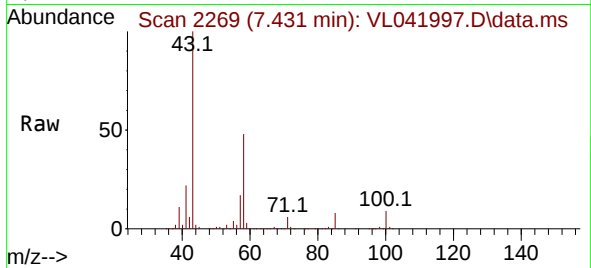




#51
2-Hexanone
Concen: 10.361 ppbv
RT: 7.431 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

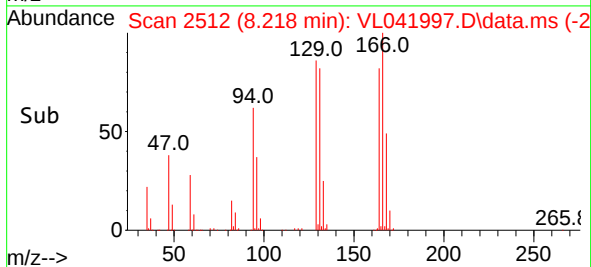
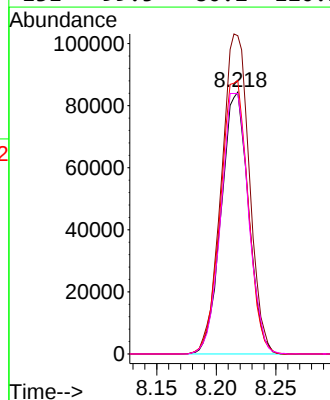
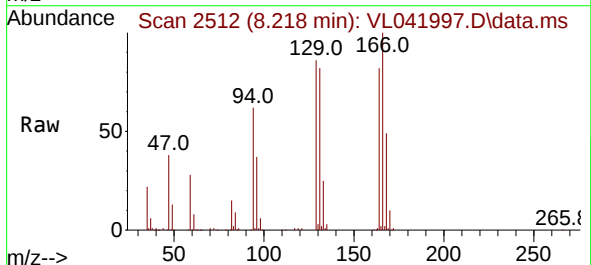
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

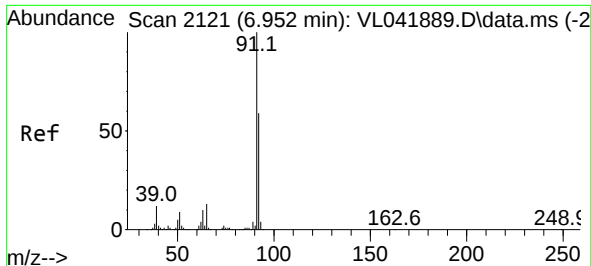
Tgt Ion: 43 Resp: 308477
Ion Ratio Lower Upper
43 100
58 47.7 40.4 60.6
98 0.7 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.411 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:164 Resp: 133576
Ion Ratio Lower Upper
164 100
166 121.6 100.8 151.2
129 104.4 82.0 123.0
131 99.5 80.2 120.2

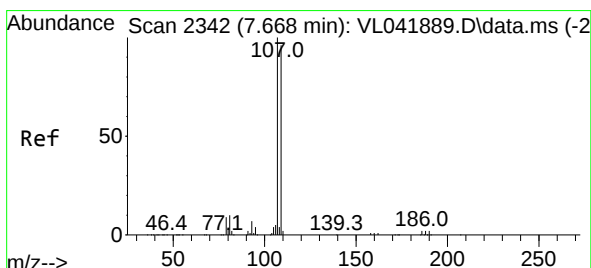
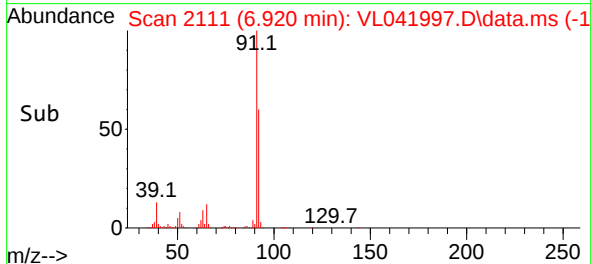
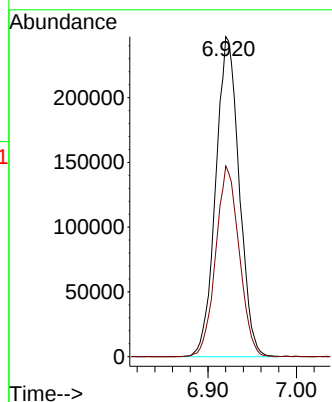
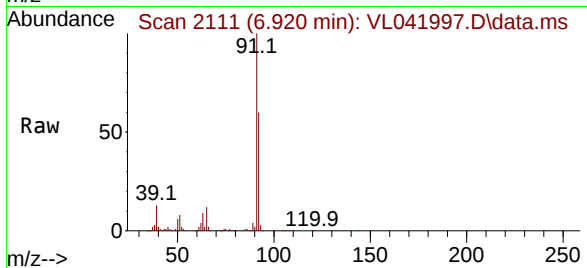




#53
Toluene
Concen: 10.191 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.032 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

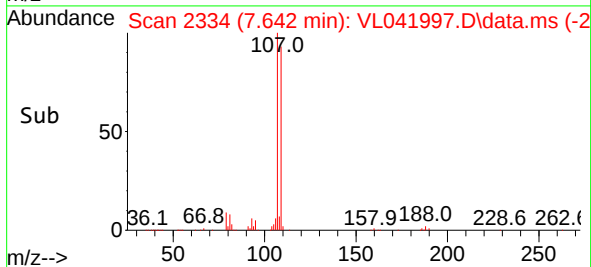
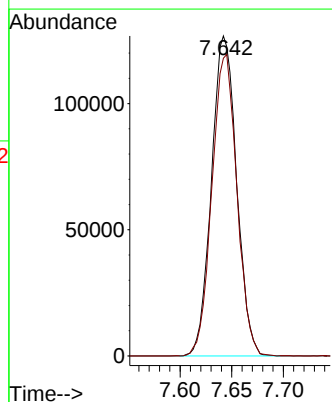
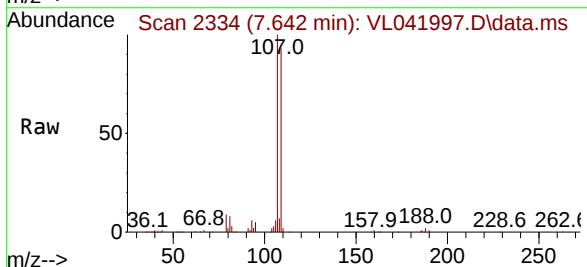
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

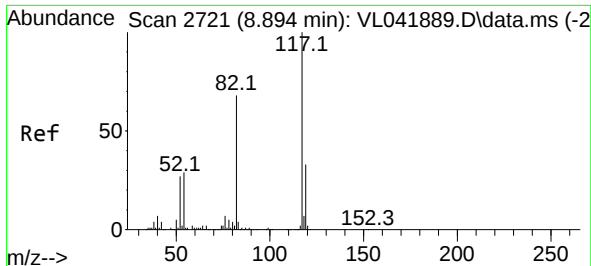
Tgt Ion: 91 Resp: 454404
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.0



#54
1,2-Dibromoethane
Concen: 10.256 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. -0.026 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 107 Resp: 214575
Ion Ratio Lower Upper
107 100
109 93.0 76.7 115.1

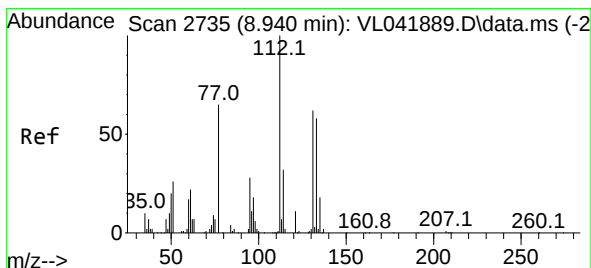
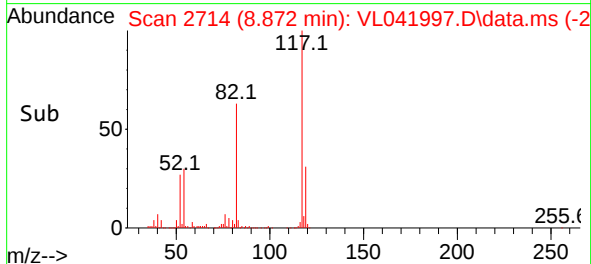
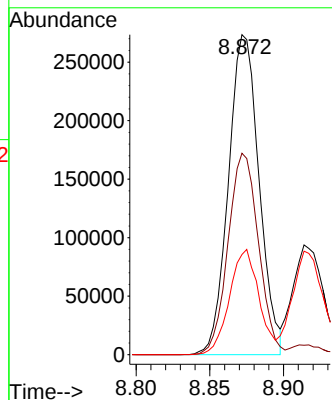
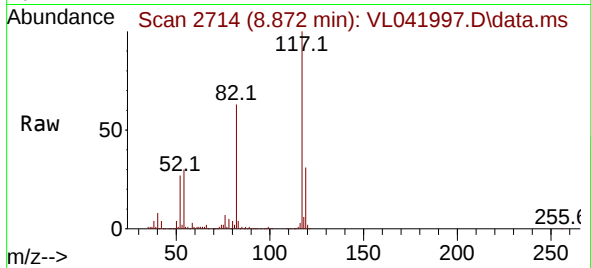




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

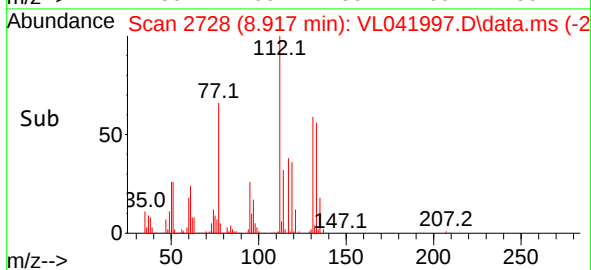
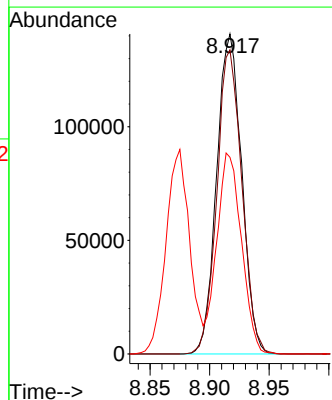
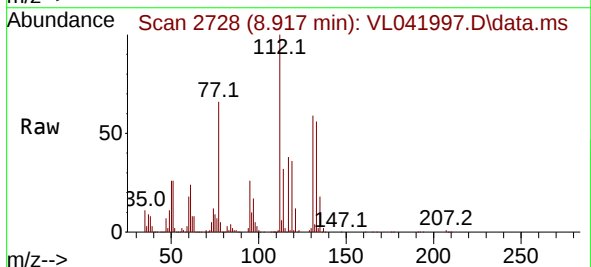
Instrument :
MSVOA_1
ClientSampleId :
VL0211ABS01

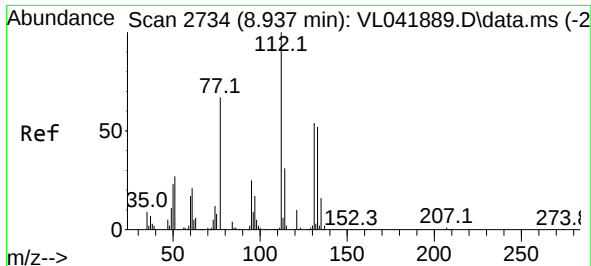
Tgt Ion:117 Resp: 395917
Ion Ratio Lower Upper
117 100
82 65.5 54.2 81.4
119 31.7 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 10.428 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:131 Resp: 205976
Ion Ratio Lower Upper
131 100
133 94.7 76.0 114.0
119 62.1 49.7 74.5

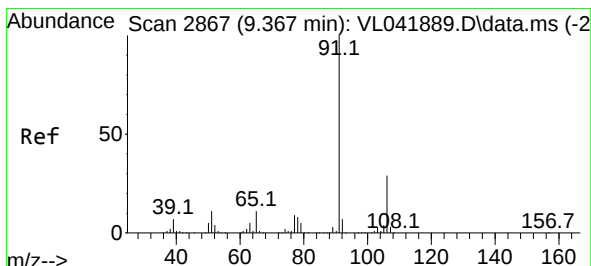
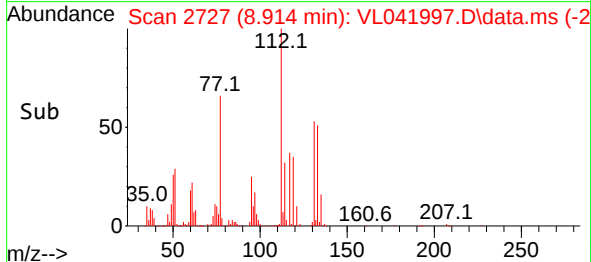
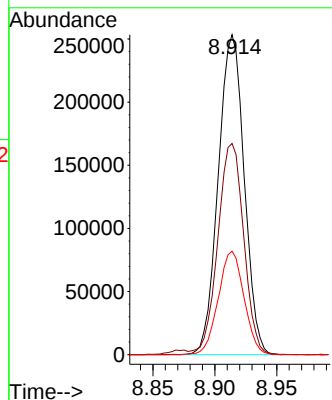
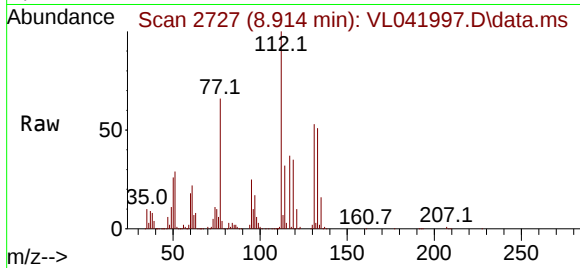




#57
Chlorobenzene
Concen: 10.124 ppbv
RT: 8.914 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

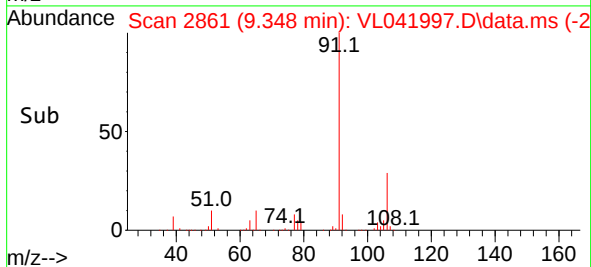
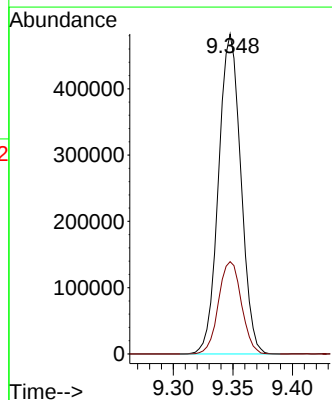
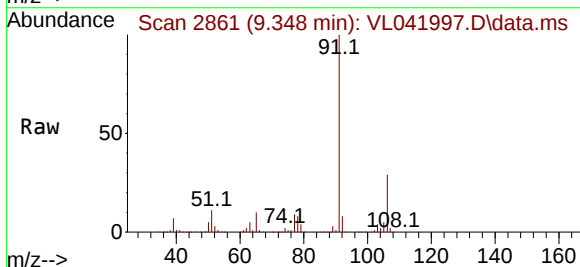
Instrument :
MSVOA_1
ClientSampleId :
VL0211ABS01

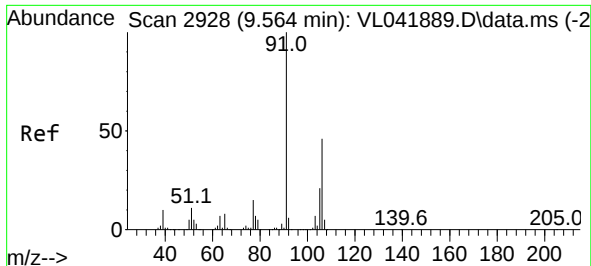
Tgt Ion:112 Resp: 369725
Ion Ratio Lower Upper
112 100
77 65.9 54.6 82.0
114 32.3 28.2 34.4



#58
Ethyl Benzene
Concen: 10.119 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. -0.019 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 91 Resp: 626124
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7





#59

m/p-Xylene

Concen: 20.885 ppbv m

RT: 9.545 min Scan# 29

Delta R.T. -0.019 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

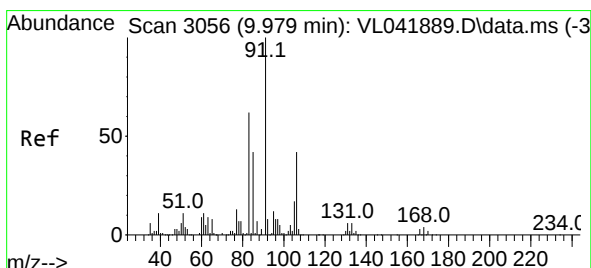
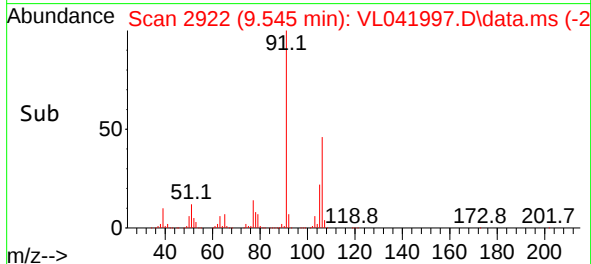
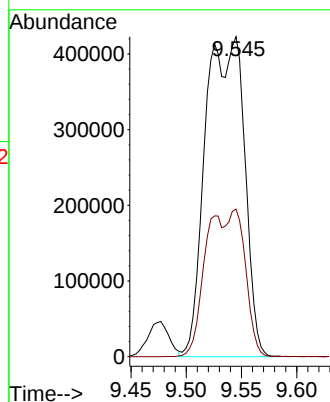
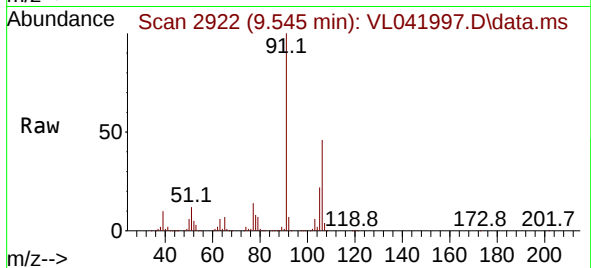
VL0211ABS01

Tgt Ion: 91 Resp: 1035815

Ion Ratio Lower Upper

91 100

106 46.2 36.0 54.0



#60

o-Xylene

Concen: 10.594 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.023 min

Lab File: VL041997.D

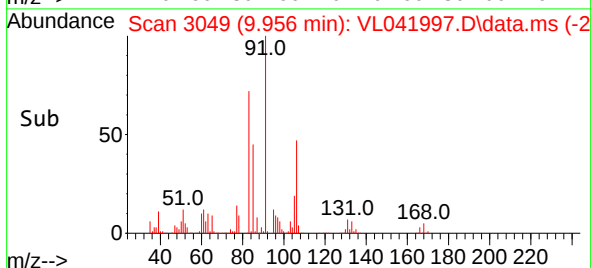
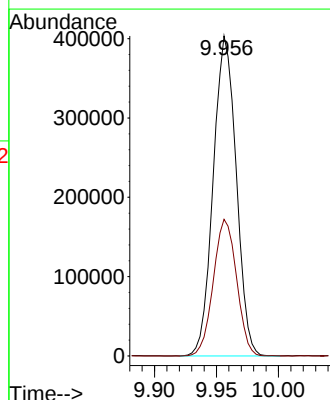
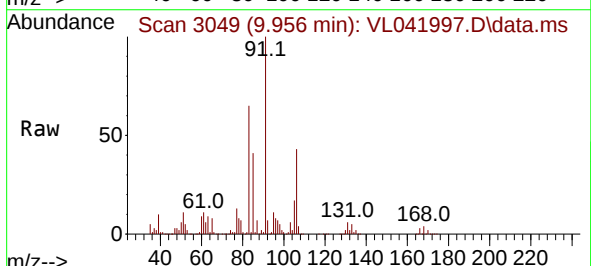
Acq: 11 Feb 2025 10:50

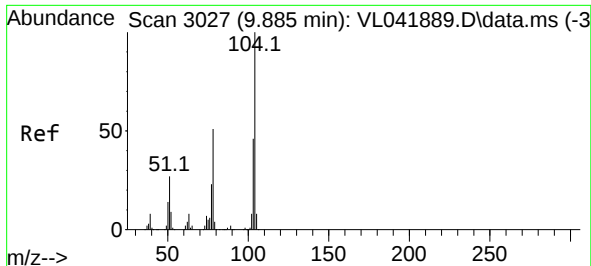
Tgt Ion: 91 Resp: 521514

Ion Ratio Lower Upper

91 100

106 43.2 21.3 63.9

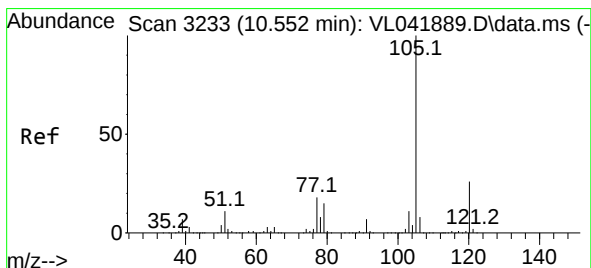
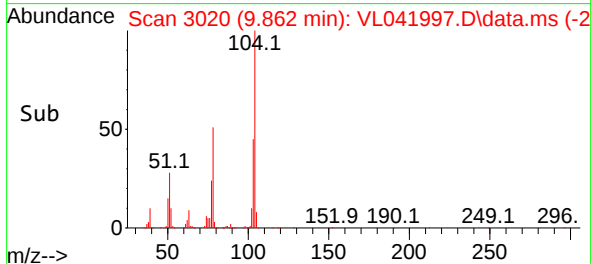
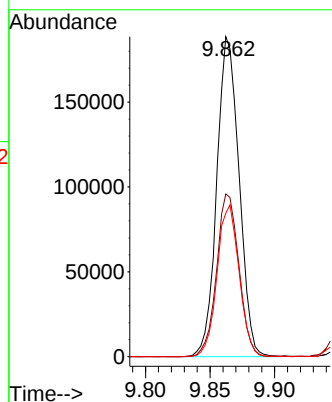
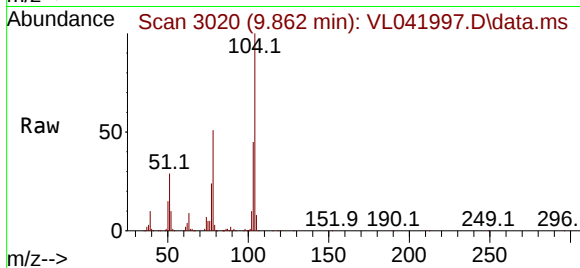




#61
Styrene
Concen: 10.256 ppbv
RT: 9.862 min Scan# 3027
Delta R.T. -0.023 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

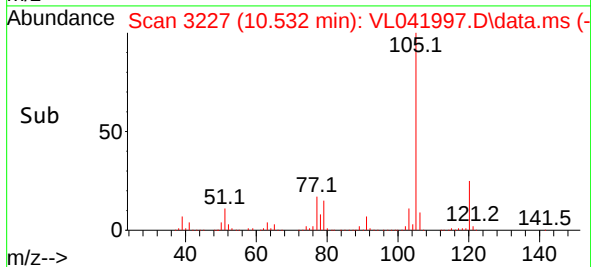
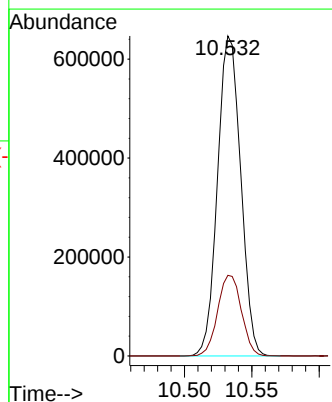
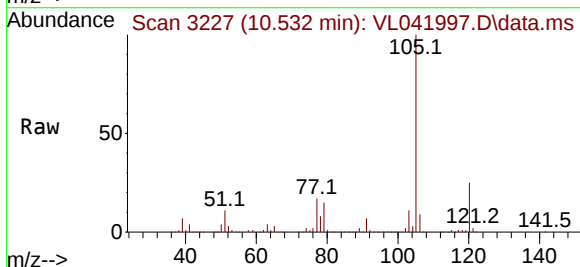
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

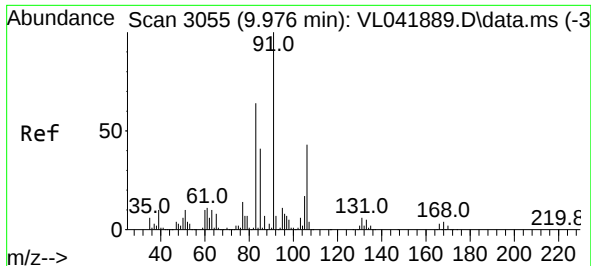
Tgt Ion:104 Resp: 226476
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 46.9 37.2 55.8



#62
Isopropylbenzene
Concen: 10.146 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.019 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:105 Resp: 772862
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63

1,1,2-Tetrachloroethane

Concen: 10.775 ppbv

RT: 9.956 min Scan# 3055

Delta R.T. -0.019 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

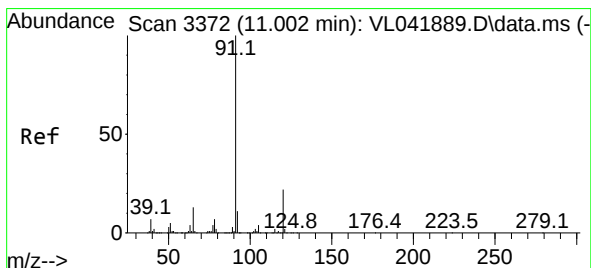
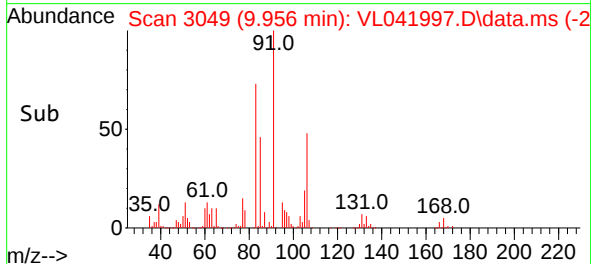
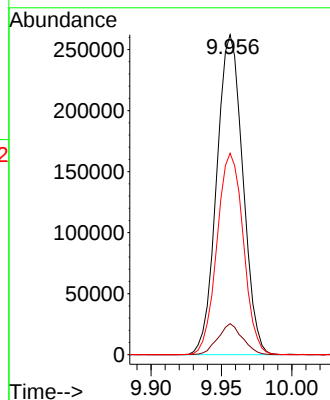
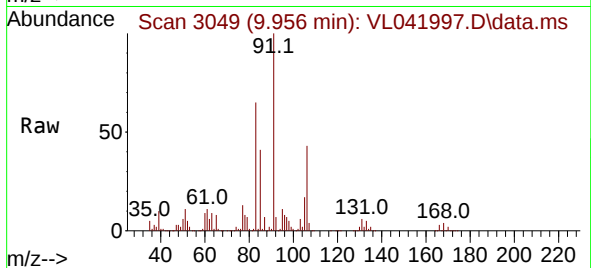
Tgt Ion: 83 Resp: 338953

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

85 63.4 32.4 97.2



#64

n-propylbenzene

Concen: 10.261 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.016 min

Lab File: VL041997.D

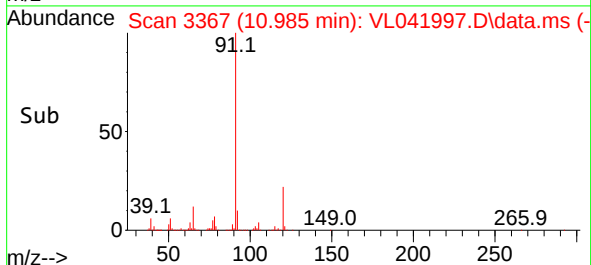
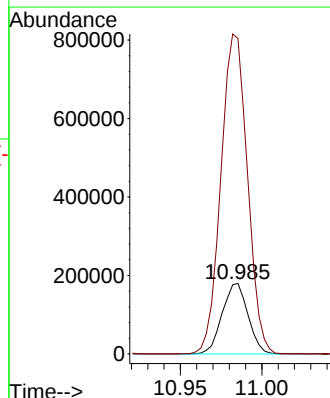
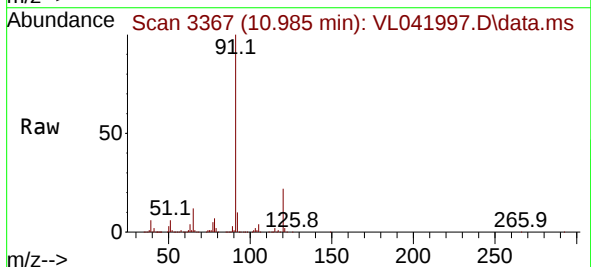
Acq: 11 Feb 2025 10:50

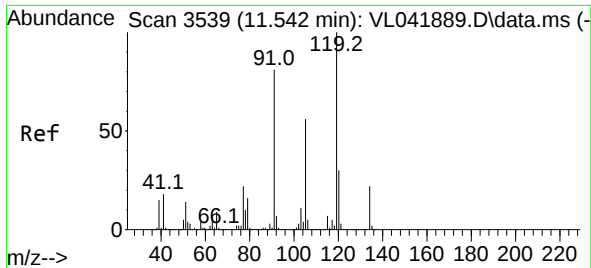
Tgt Ion: 120 Resp: 197507

Ion Ratio Lower Upper

120 100

91 468.1 374.1 561.1

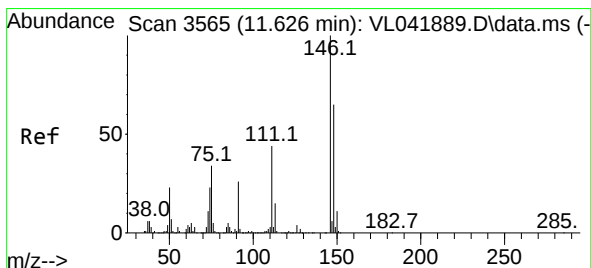
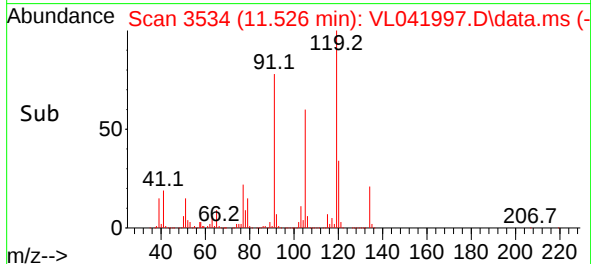
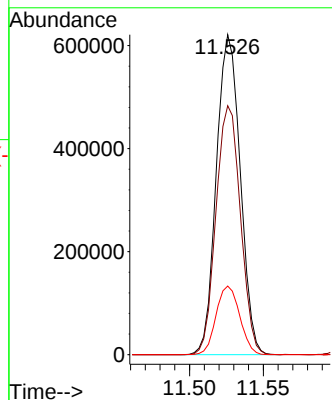
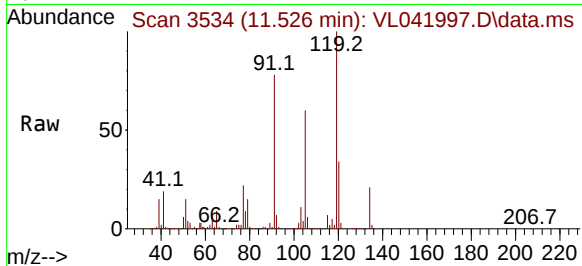




#65
tert-Butylbenzene
Concen: 10.092 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

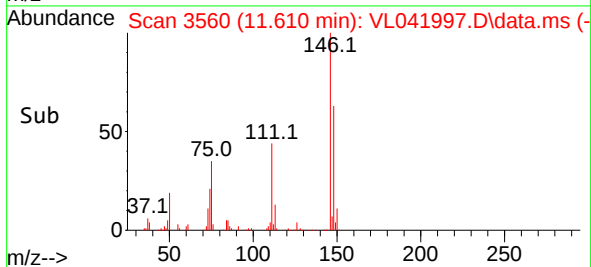
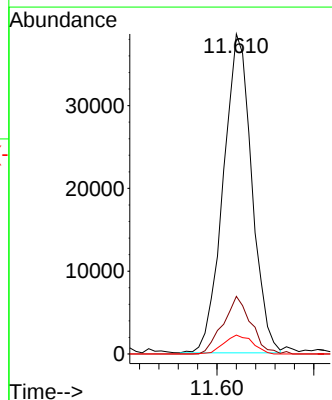
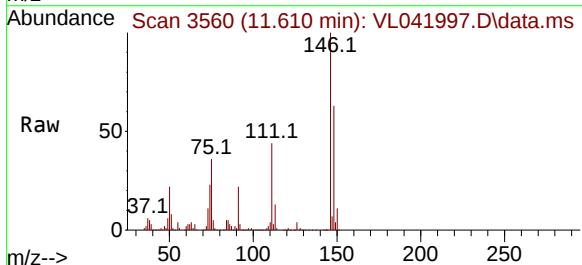
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

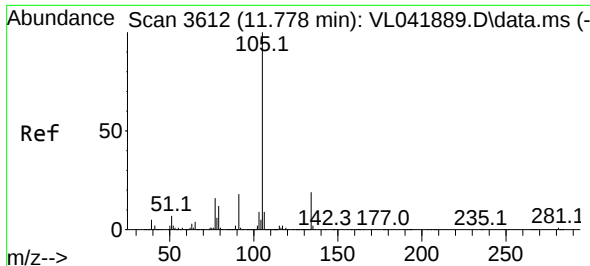
Tgt Ion:119 Resp: 700599
Ion Ratio Lower Upper
119 100
91 79.6 64.6 97.0
134 21.2 16.8 25.2



#66
Benzyl Chloride
Concen: 9.193 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion: 91 Resp: 39500
Ion Ratio Lower Upper
91 100
126 17.7 14.1 21.1
128 6.0 4.3 6.5

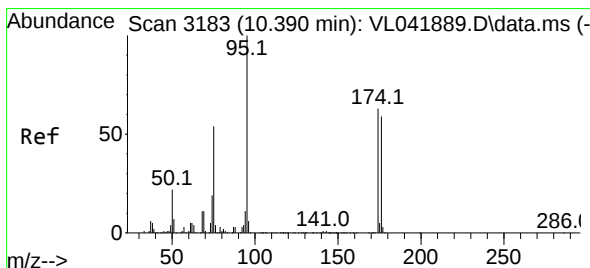
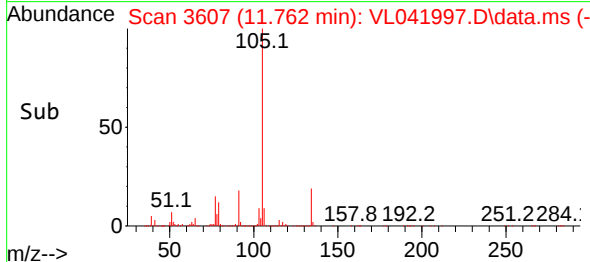
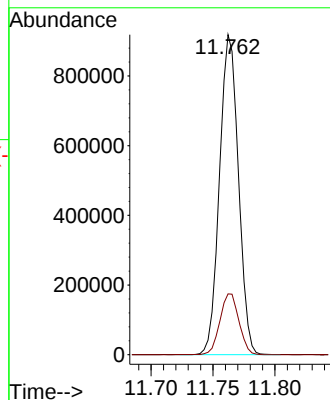
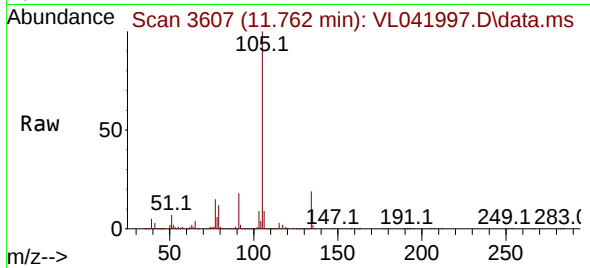




#67
 sec-Butylbenzene
 Concen: 10.215 ppbv
 RT: 11.762 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

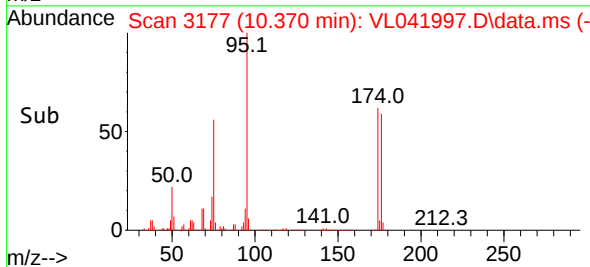
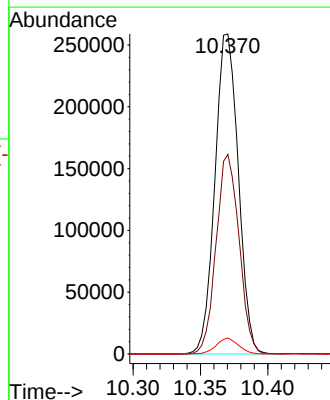
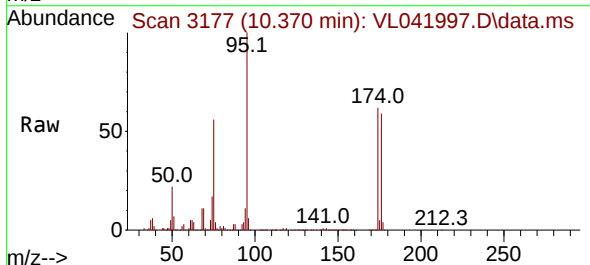
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

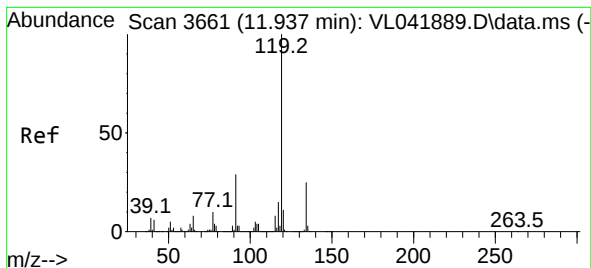
Tgt Ion:105 Resp: 976394
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.037 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.019 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 95 Resp: 312995
 Ion Ratio Lower Upper
 95 100
 174 61.2 49.0 73.4
 175 4.7 3.8 5.8

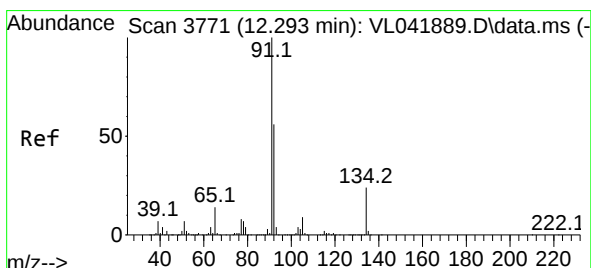
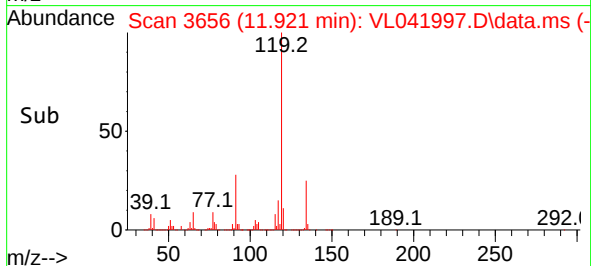
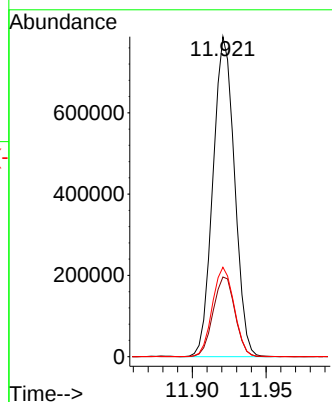
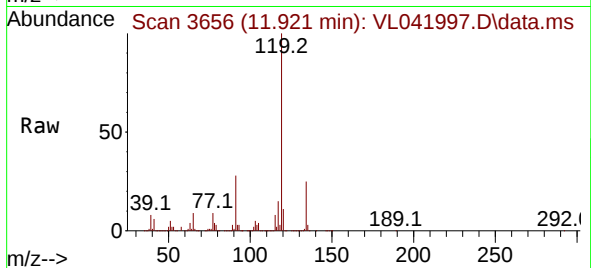




#69
 p-Isopropyltoluene
 Concen: 10.188 ppbv
 RT: 11.921 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

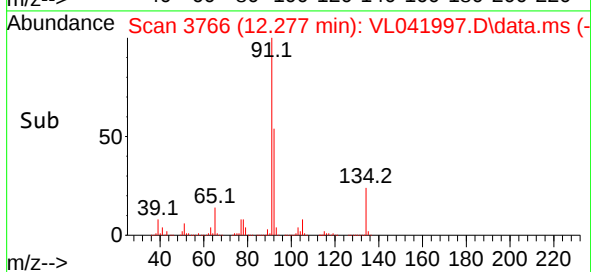
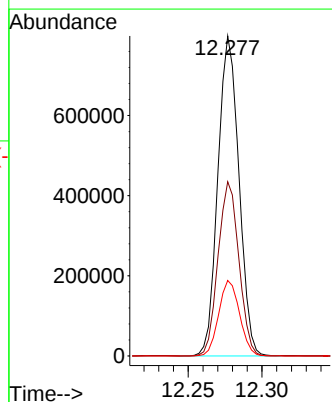
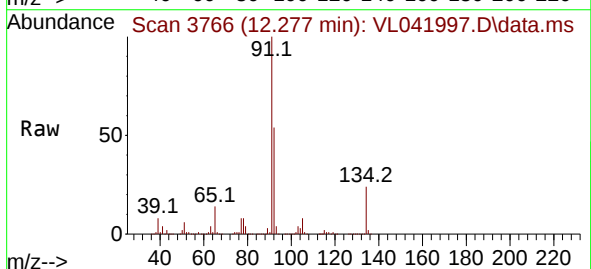
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

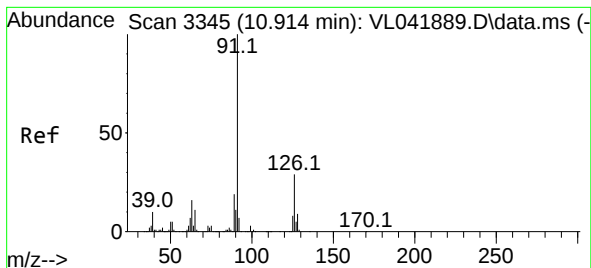
Tgt Ion:119 Resp: 801913
 Ion Ratio Lower Upper
 119 100
 134 25.2 19.8 29.6
 91 28.3 23.0 34.4



#70
 n-Butylbenzene
 Concen: 10.151 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion: 91 Resp: 792434
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.8 65.6
 134 23.4 19.0 28.6

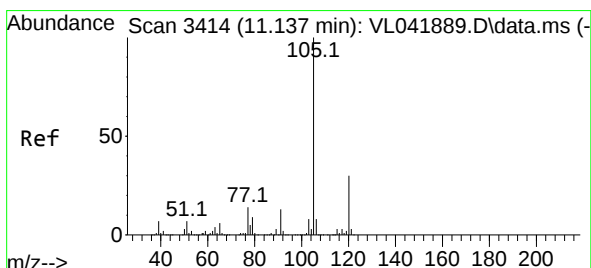
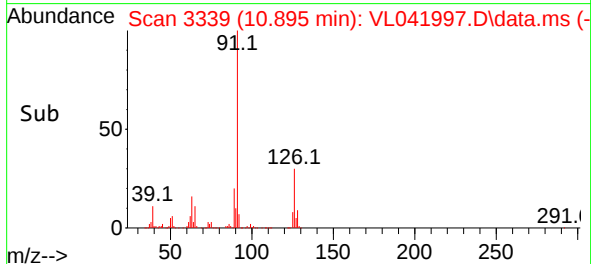
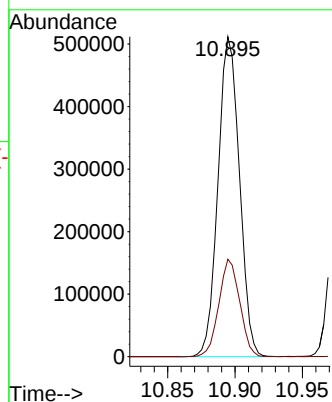
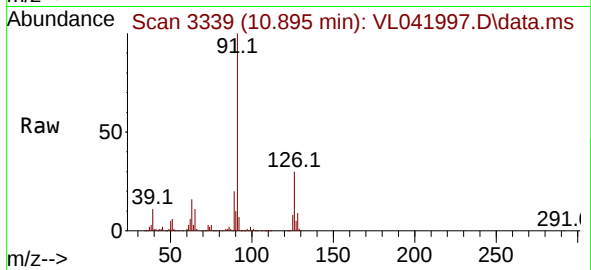




#71
2-Chlorotoluene
Concen: 10.052 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

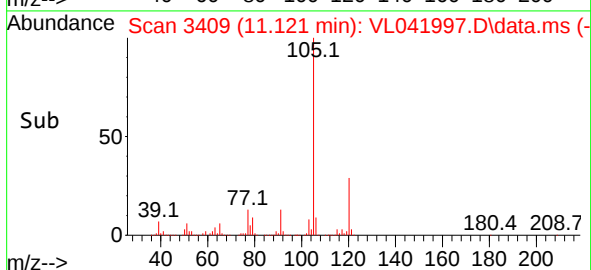
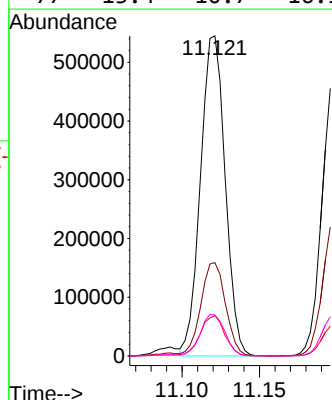
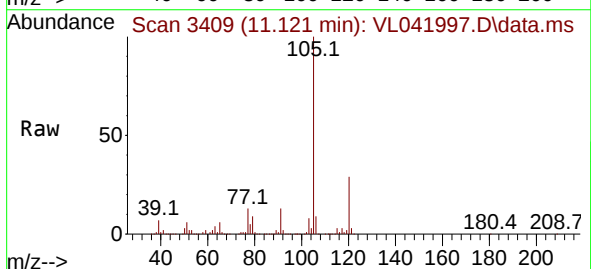
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

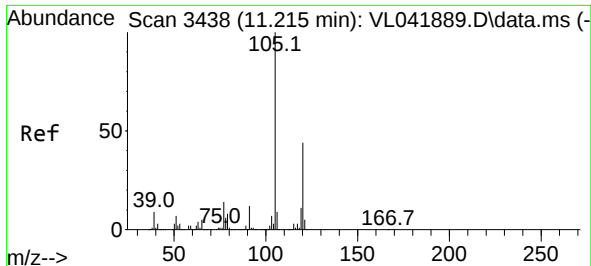
Tgt Ion: 91 Resp: 566431
Ion Ratio Lower Upper
91 100
126 29.6 11.7 46.7



#72
4-Ethyltoluene
Concen: 10.244 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:105 Resp: 603229
Ion Ratio Lower Upper
105 100
120 30.1 23.7 35.5
91 12.9 10.2 15.2
77 13.4 10.7 16.1

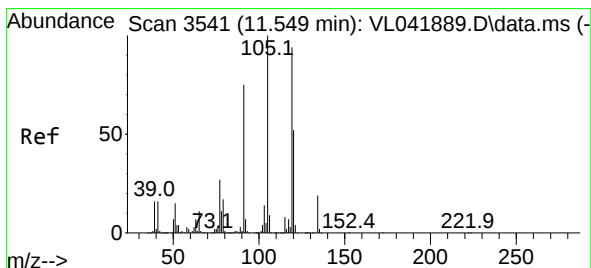
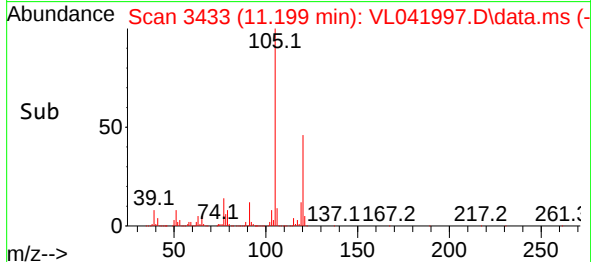
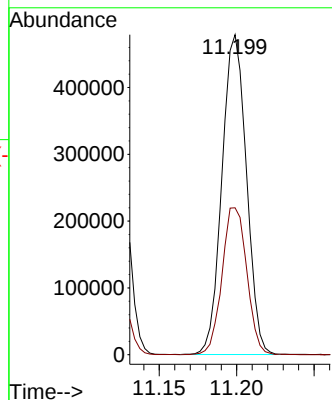
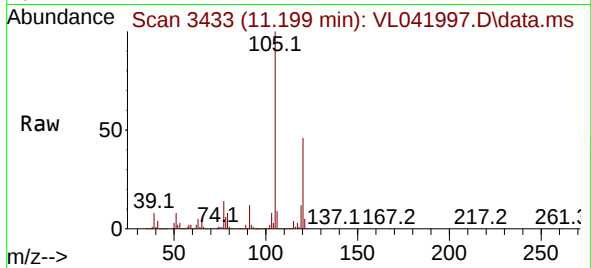




#73
 1,3,5-Trimethylbenzene
 Concen: 10.124 ppbv
 RT: 11.199 min Scan# 3438
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

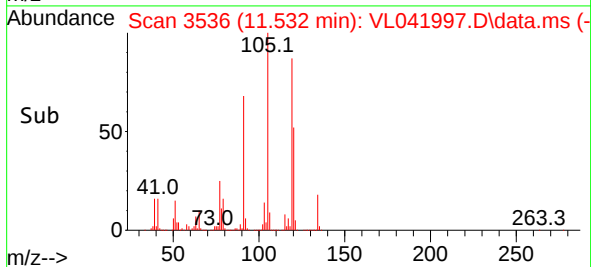
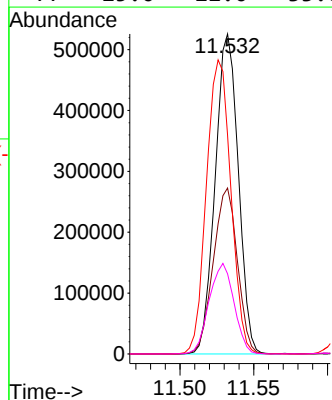
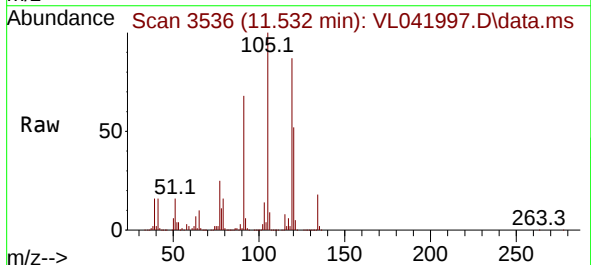
Instrument :
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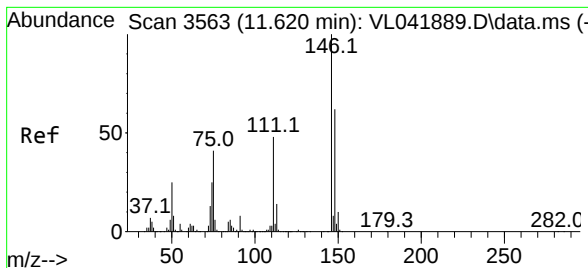
Tgt Ion:105 Resp: 526457
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 10.189 ppbv
 RT: 11.532 min Scan# 3536
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Tgt Ion:105 Resp: 573778
 Ion Ratio Lower Upper
 105 100
 120 51.8 41.4 62.2
 91 68.4 60.2 90.2
 77 25.0 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 9.965 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.016 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

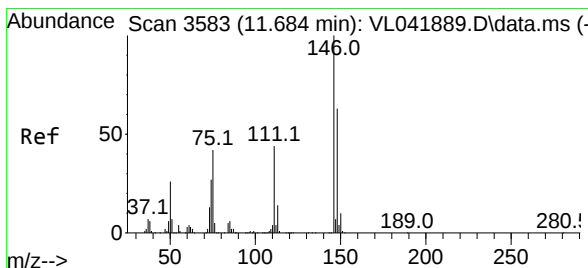
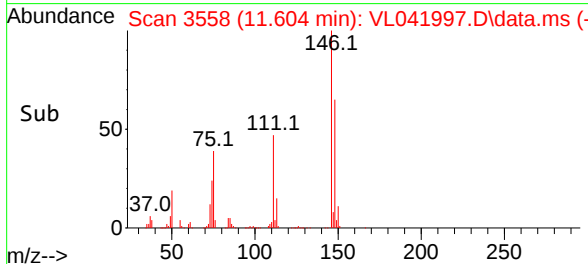
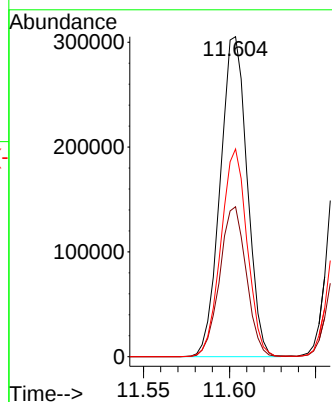
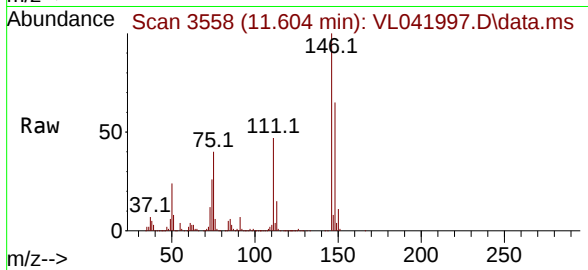
Tgt Ion:146 Resp: 332540

Ion Ratio Lower Upper

146 100

111 46.2 23.6 70.8

148 63.2 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 9.975 ppbv

RT: 11.668 min Scan# 3578

Delta R.T. -0.016 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

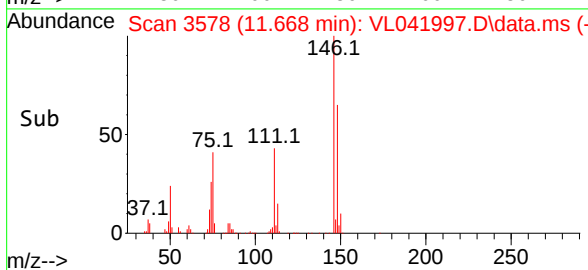
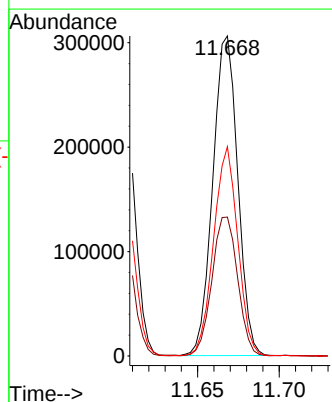
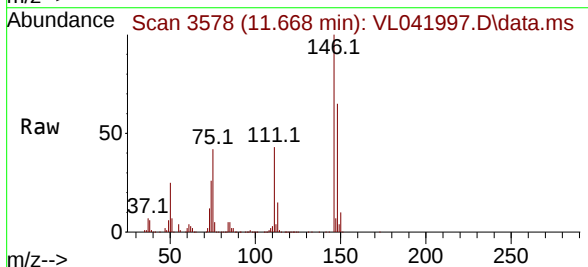
Tgt Ion:146 Resp: 325676

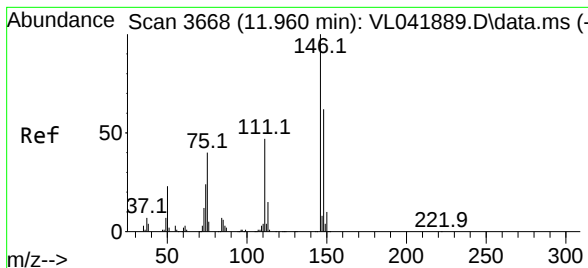
Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 63.6 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 10.048 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. -0.016 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0211ABS01

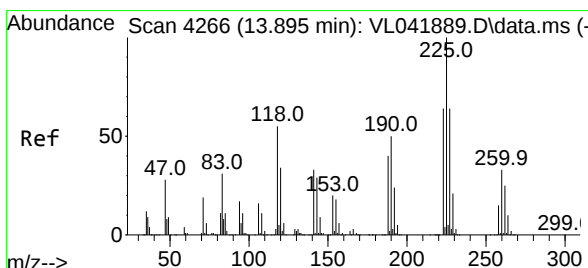
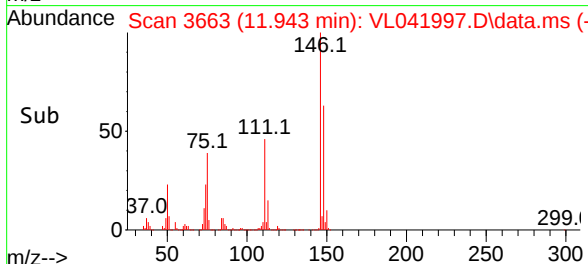
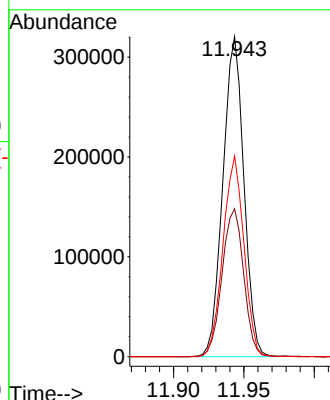
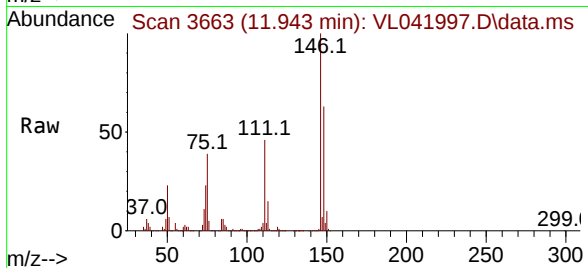
Tgt Ion:146 Resp: 332295

Ion Ratio Lower Upper

146 100

111 47.7 24.2 72.6

148 62.5 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 8.549 ppbv

RT: 13.879 min Scan# 4261

Delta R.T. -0.016 min

Lab File: VL041997.D

Acq: 11 Feb 2025 10:50

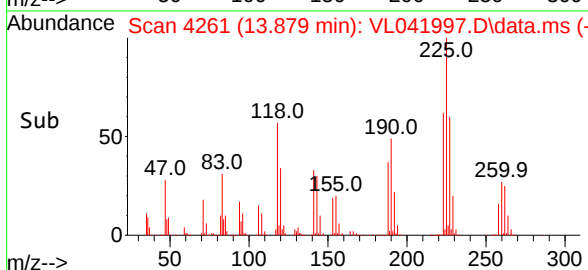
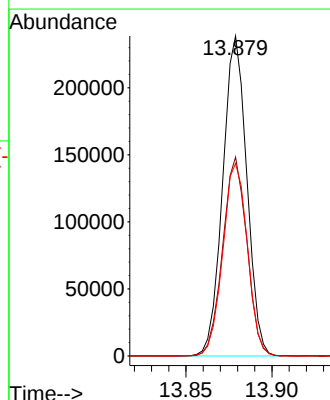
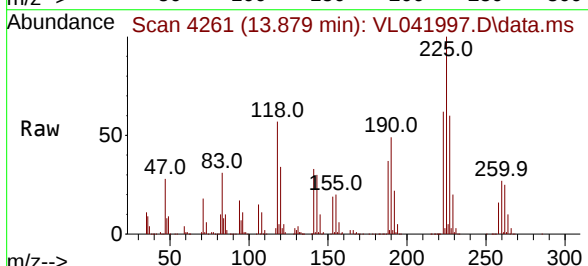
Tgt Ion:225 Resp: 232050

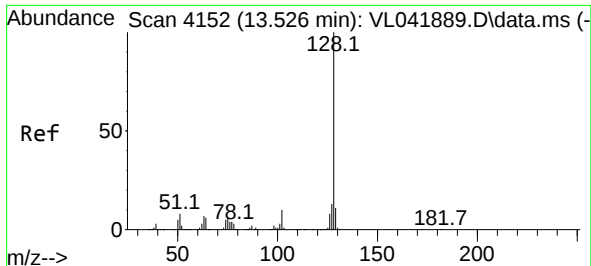
Ion Ratio Lower Upper

225 100

223 62.5 50.8 76.2

227 61.6 50.3 75.5

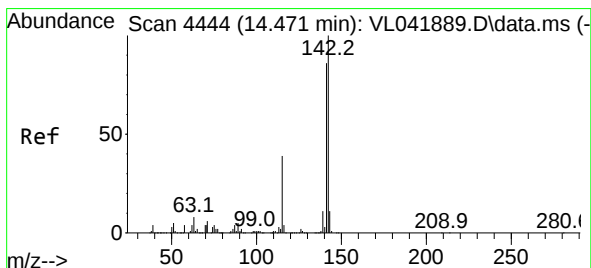
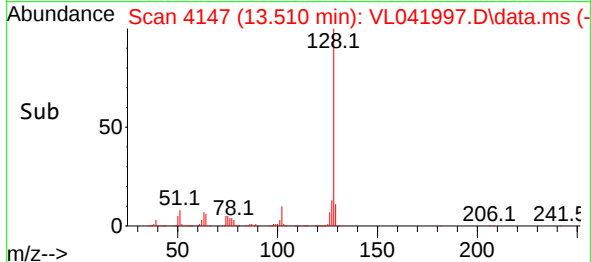
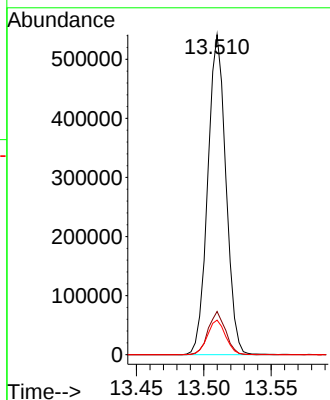
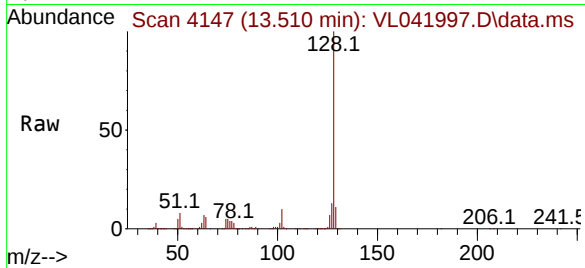




#79
Naphthalene
Concen: 8.937 ppbv
RT: 13.510 min Scan# 4152
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

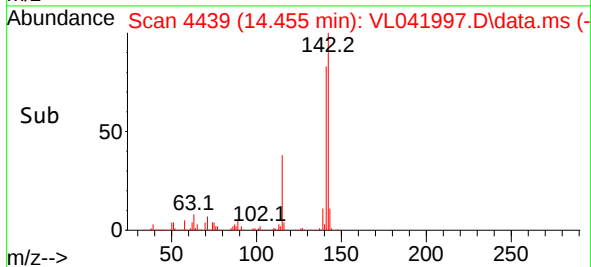
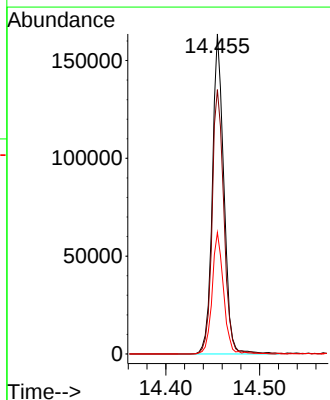
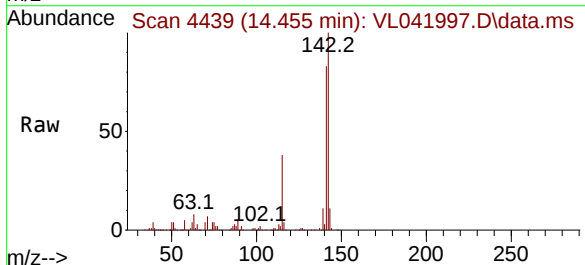
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABS01

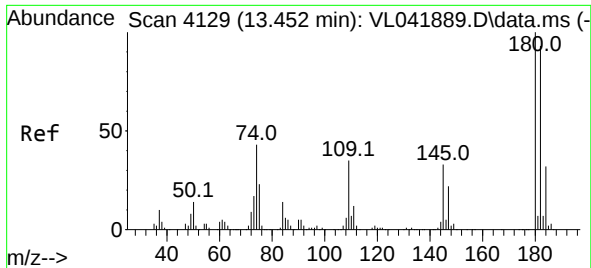
Tgt Ion:128 Resp: 506742
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.8 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 5.177 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.016 min
Lab File: VL041997.D
Acq: 11 Feb 2025 10:50

Tgt Ion:142 Resp: 139177
Ion Ratio Lower Upper
142 100
141 85.1 68.1 102.1
115 37.8 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 8.093 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL041997.D
 Acq: 11 Feb 2025 10:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABS01

Tgt Ion:180 Resp: 223979
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.0 115.6
 184 29.7 24.9 37.3

