

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041933.D
 Acq On : 20 Jan 2025 23:00
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 21 05:07:52 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	2.777	49	136282	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.946	114	377622	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	327592	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 257179 9.967 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	9453	0.509	ppbv	93
3) Chlorodifluoromethane	1.470	51	9526	0.490	ppbv	100
4) Chloromethane	1.528	50	3365	0.482	ppbv	93
5) Vinyl Chloride	1.573	62	3117	0.441	ppbv	99
6) Bromomethane	1.664	94	1766	0.524	ppbv	92
7) Chloroethane	1.700	64	1346	0.489	ppbv	93
8) Dichlorotetrafluoroethane	1.551	85	7291	0.449	ppbv	98
9) Propene	1.479	41	3855	0.481	ppbv	98
10) Heptane	4.962	43	4968	0.232	ppbv #	62
11) Trichlorofluoromethane	1.871	101	7872	0.408	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.133	101	6669	0.441	ppbv	98
13) Ethanol	1.716	45	340	0.579	ppbv #	45
14) Bromoethene	1.777	108	2296	0.414	ppbv #	93
15) Acetone	1.832	43	8886	0.543	ppbv	94
16) 1,3-Butadiene	1.602	39	3787	0.515	ppbv	87
17) tert-Butyl alcohol	2.039	59	7707	0.383	ppbv #	86
18) 1,1-Dichloroethene	2.026	96	2914	0.427	ppbv #	93
19) Isopropyl Alcohol	1.884	45	4486	0.462	ppbv #	39
20) Methylene Chloride	2.056	84	3078	0.476	ppbv #	86
21) Allyl Chloride	2.088	41	4844	0.427	ppbv #	85
22) trans-1,2-Dichloroethene	2.331	96	3394	0.441	ppbv	81
23) Vinyl Acetate	2.454	43	3023	0.373	ppbv #	76
24) 1,1-Dichloroethane	2.402	63	6992	0.470	ppbv	98
25) Ethyl Acetate	2.832	43	13591	0.308	ppbv #	92
26) Hexane	2.816	57	6200	0.355	ppbv #	77
27) Carbon Disulfide	2.143	76	6601	0.382	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	4405	0.330	ppbv #	81
29) Chloroform	2.839	83	12876	0.467	ppbv	86
30) Cyclohexane	3.849	84	5001	0.330	ppbv	90
31) cis-1,2-Dichloroethene	2.709	61	7466	0.406	ppbv	95
32) 1,1,1-Trichloroethane	3.360	97	10678	0.404	ppbv	94
34) 2-Butanone	2.554	43	11133	0.464	ppbv	97
35) Carbon Tetrachloride	3.752	117	10082	0.425	ppbv	90
36) Benzene	3.642	78	8189	0.236	ppbv	95
37) 1,2-Dichloroethane	3.208	62	9188	0.472	ppbv	99
38) Trichloroethene	4.532	130	3347	0.244	ppbv #	86
39) 1,2-Dichloropropane	4.299	63	4744	0.390	ppbv #	85
40) 1,4-Dioxane	4.596	88	1865	0.304	ppbv #	10
42) Bromodichloromethane	4.480	83	10841	0.416	ppbv #	92
43) Methyl Methacrylate	4.871	69	2846	0.221	ppbv #	36
44) 2,2,4-Trimethylpentane	4.629	57	20981	0.375	ppbv	93
45) t-1,3-Dichloropropene	6.389	75	1005	0.083	ppbv	92
46) cis-1,3-Dichloropropene	5.571	75	1375	0.087	ppbv	87

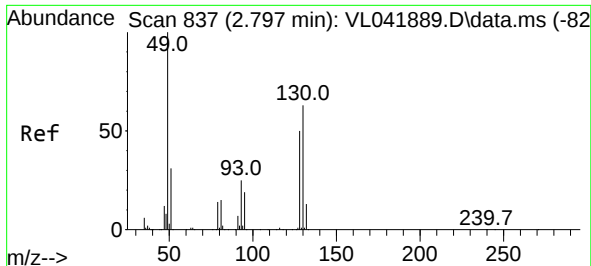
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041933.D
 Acq On : 20 Jan 2025 23:00
 Operator : SY/MD
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Instrument :
 MSVOA_L
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Quant Time: Jan 21 05:07:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 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)
47) 1,1,2-Trichloroethane	6.551	97	867	0.067	ppbv #	66
48) Dibromochloromethane	7.373	129	7155	0.360	ppbv	99
49) Bromoform	9.467	173	5536	0.339	ppbv	99
50) 4-Methyl-2-Pentanone	5.749	43	4101	0.125	ppbv #	39
51) 2-Hexanone	7.432	43	3782	0.150	ppbv #	27
52) Tetrachloroethene	8.212	164	4901	0.408	ppbv	92
53) Toluene	6.911	91	7249	0.192	ppbv #	21
54) 1,2-Dibromoethane	7.642	107	3239	0.183	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.917	131	7069	0.433	ppbv #	1
57) Chlorobenzene	8.911	112	7111	0.235	ppbv	96
58) Ethyl Benzene	9.344	91	15758	0.308	ppbv	95
59) m/p-Xylene	9.539	91	13483	0.329	ppbv #	32
60) o-Xylene	9.950	91	7172	0.176	ppbv #	33
61) Styrene	9.856	104	5402	0.296	ppbv	97
62) Isopropylbenzene	10.529	105	22156	0.352	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	12465	0.479	ppbv	98
64) n-propylbenzene	10.979	120	5193	0.326	ppbv	100
65) tert-Butylbenzene	11.523	119	17019	0.296	ppbv	96
66) Benzyl Chloride	11.604	91	569	0.160	ppbv #	60
67) sec-Butylbenzene	11.762	105	27031	0.342	ppbv	98
69) p-Isopropyltoluene	11.918	119	20686	0.318	ppbv	99
70) n-Butylbenzene	12.277	91	20287	0.314	ppbv	93
71) 2-Chlorotoluene	10.892	91	15579	0.334	ppbv	99
72) 4-Ethyltoluene	11.115	105	14809	0.304	ppbv	98
73) 1,3,5-Trimethylbenzene	11.196	105	14023	0.326	ppbv	100
74) 1,2,4-Trimethylbenzene	11.526	105	15550	0.334	ppbv	92
75) 1,3-Dichlorobenzene	11.597	146	12480	0.452	ppbv	98
76) 1,4-Dichlorobenzene	11.662	146	10947	0.405	ppbv	97
77) 1,2-Dichlorobenzene	11.940	146	13285	0.485	ppbv	97
78) Hexachloro-1,3-Butadiene	13.876	225	9664	0.430	ppbv	97
79) Naphthalene	13.507	128	12592	0.268	ppbv #	92
80) Naphthalene,2-methyl-	14.452	142	3806	0.171	ppbv	93
81) 1,2,4-Trichlorobenzene	13.432	180	7796	0.340	ppbv	97

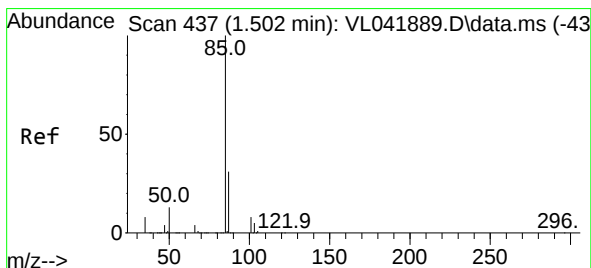
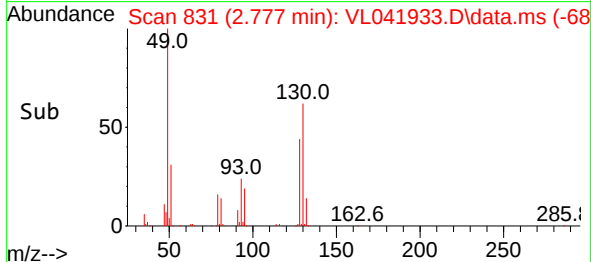
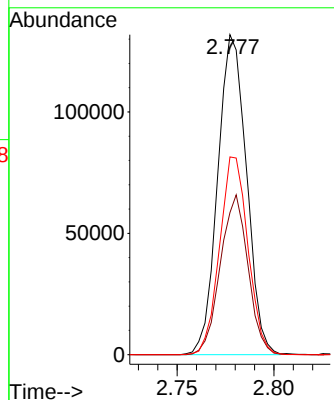
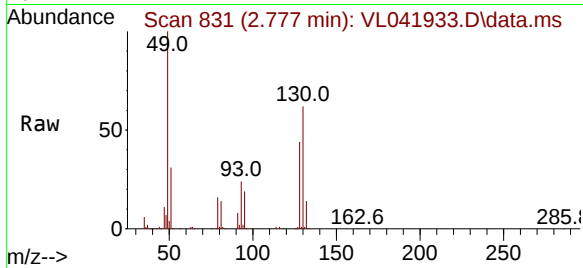
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.777 min Scan# 81
 Delta R.T. -0.020 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

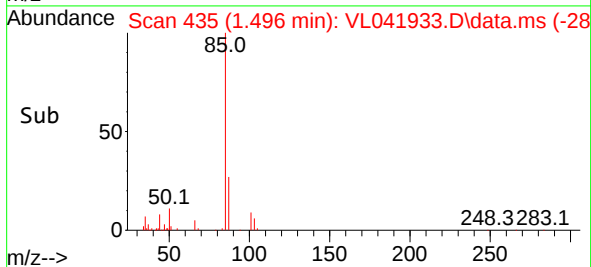
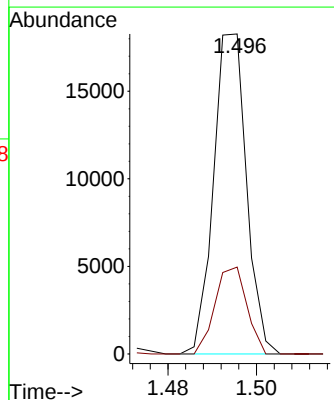
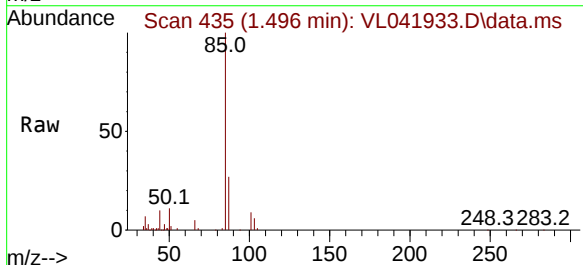
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 MSVOA_L
 ClientSampleId :

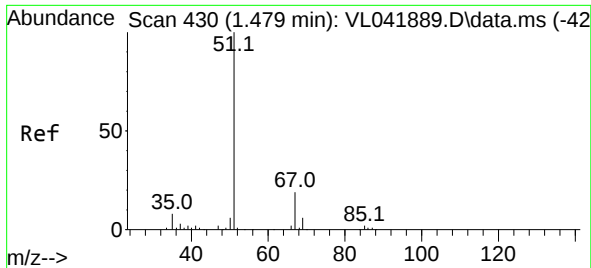
Tgt Ion: 49 Resp: 136282
 Ion Ratio Lower Upper
 49 100
 128 48.0 24.3 73.0
 130 60.9 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.509 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.006 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion: 85 Resp: 9453
 Ion Ratio Lower Upper
 85 100
 87 27.1 24.9 37.3

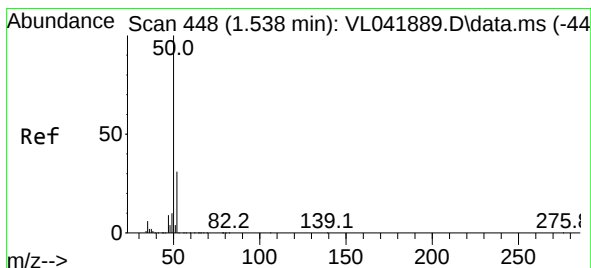
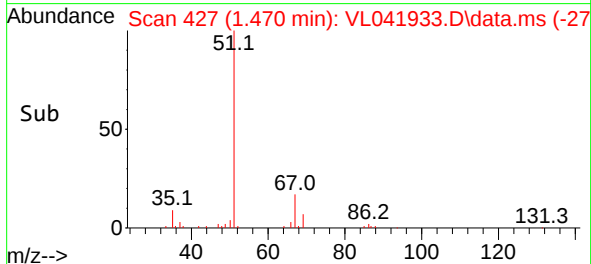
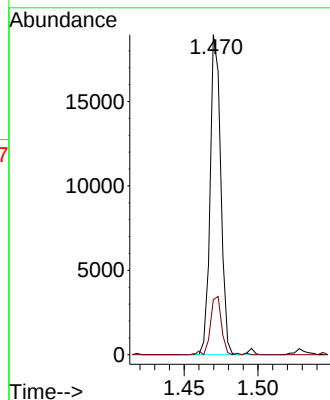
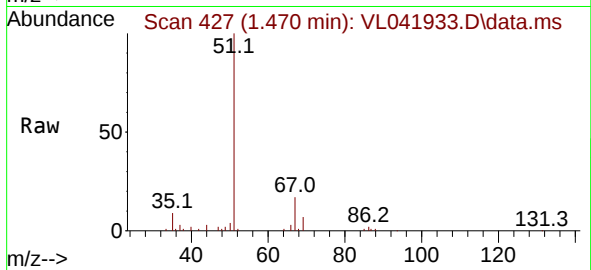




#3
Chlorodifluoromethane
Concen: 0.490 ppbv
RT: 1.470 min Scan# 430
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

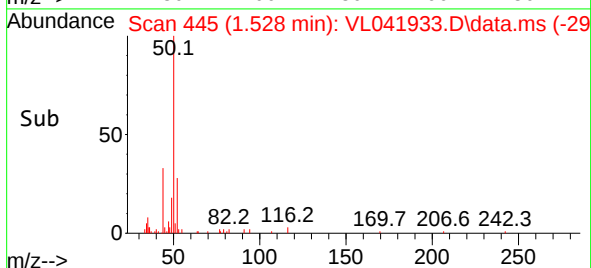
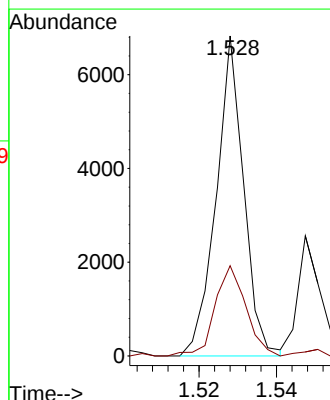
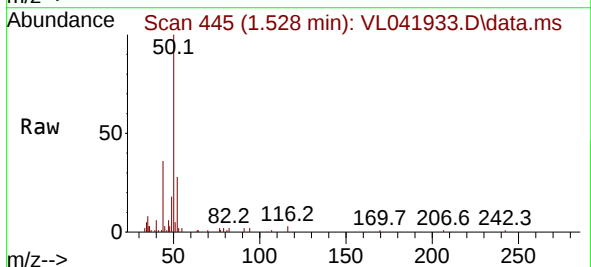
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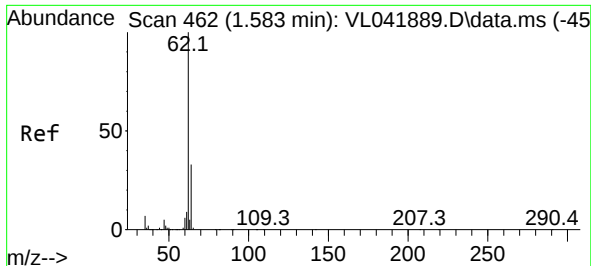
Tgt Ion: 51 Resp: 9526
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.4



#4
Chloromethane
Concen: 0.482 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 50 Resp: 3365
Ion Ratio Lower Upper
50 100
52 27.1 24.6 36.8

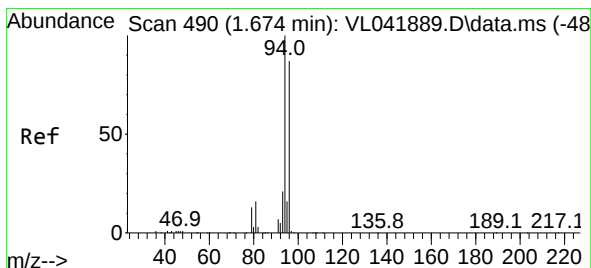
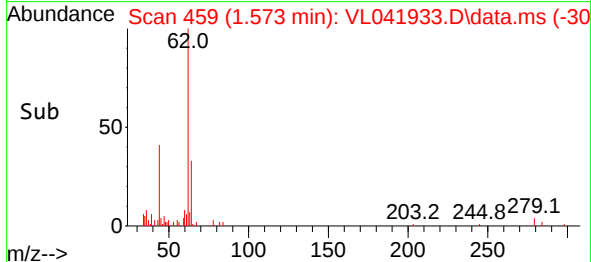
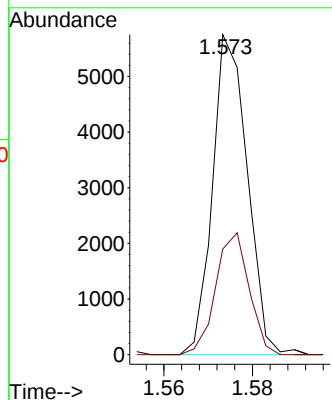
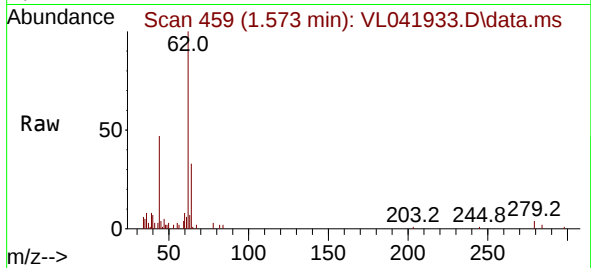




#5
 Vinyl Chloride
 Concen: 0.441 ppbv
 RT: 1.573 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

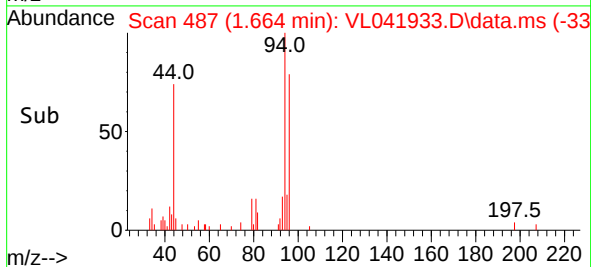
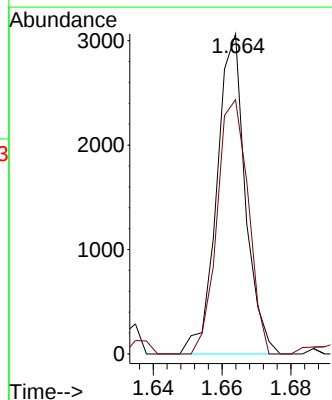
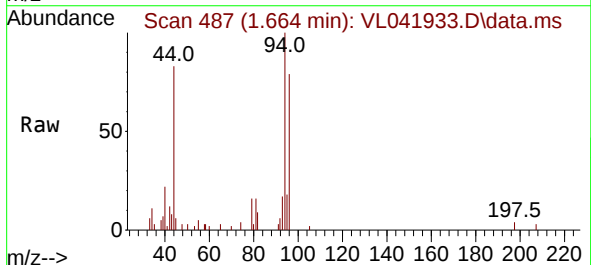
Instrument :
 MSVOA_L
 ClientSampleId :

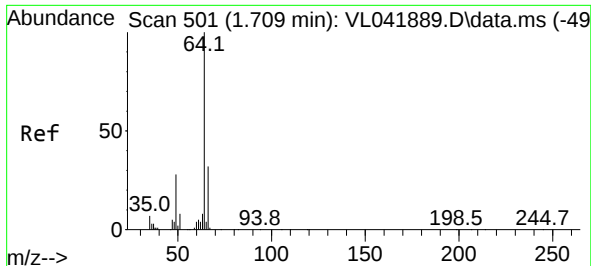
Tgt Ion: 62 Resp: 3117
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.1 39.1



#6
 Bromomethane
 Concen: 0.524 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion: 94 Resp: 1766
 Ion Ratio Lower Upper
 94 100
 96 79.4 69.5 104.3

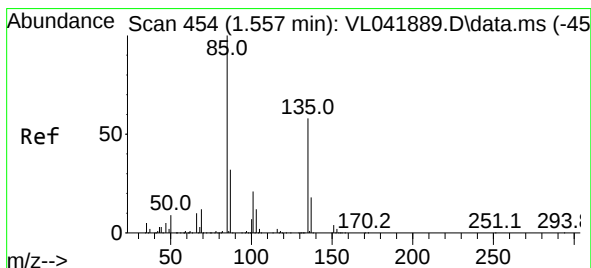
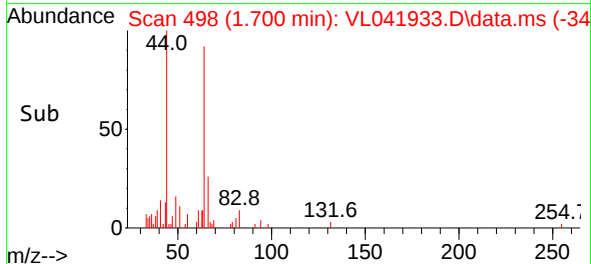
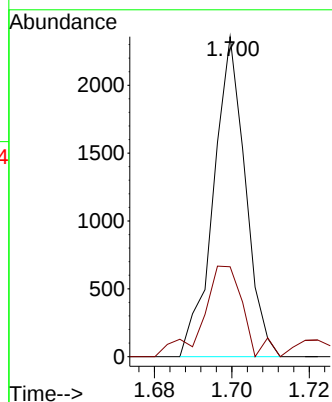
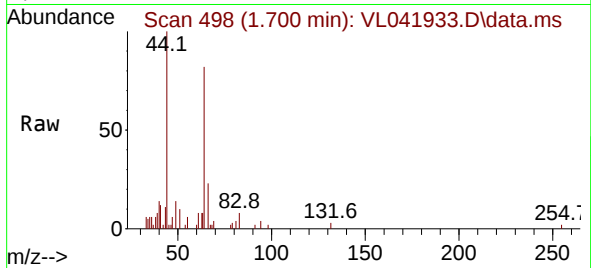




#7
Chloroethane
Concen: 0.489 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

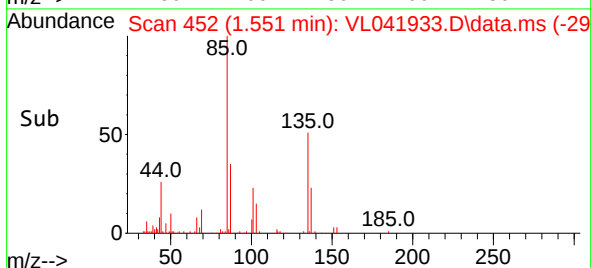
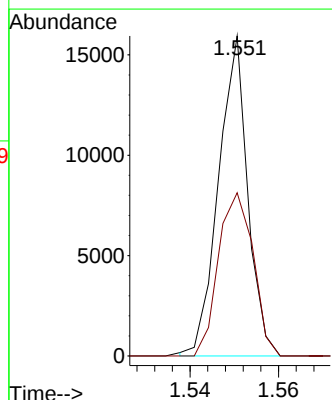
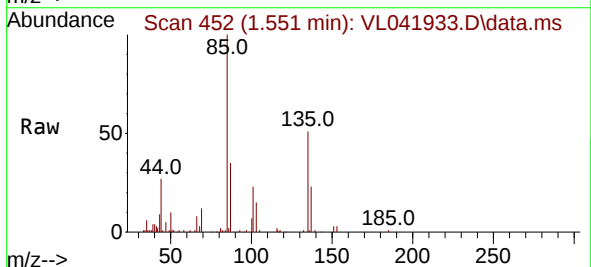
Instrument :
MSVOA_L
ClientSampleId :

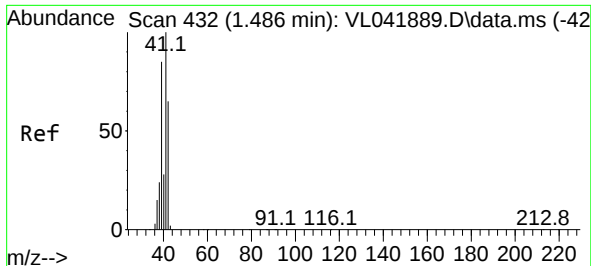
Tgt Ion: 64 Resp: 1346
Ion Ratio Lower Upper
64 100
66 28.1 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 0.449 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 85 Resp: 7291
Ion Ratio Lower Upper
85 100
135 60.8 50.0 75.0





#9

Propene

Concen: 0.481 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

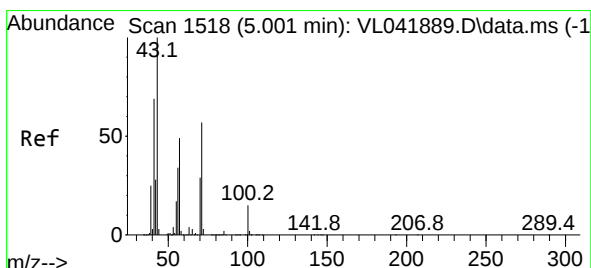
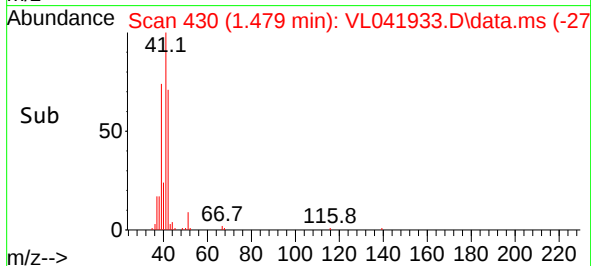
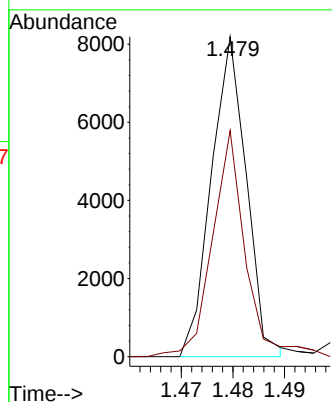
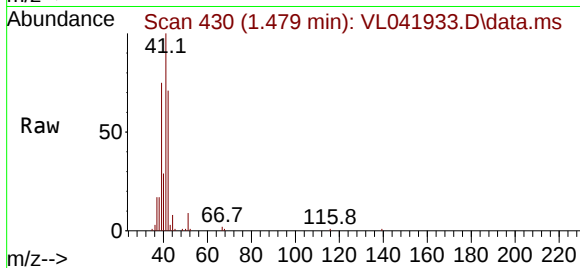
ClientSampleId :

Tgt Ion: 41 Resp: 3855

Ion Ratio Lower Upper

41 100

42 66.6 52.0 78.0



#10

Heptane

Concen: 0.232 ppbv

RT: 4.962 min Scan# 1506

Delta R.T. -0.039 min

Lab File: VL041933.D

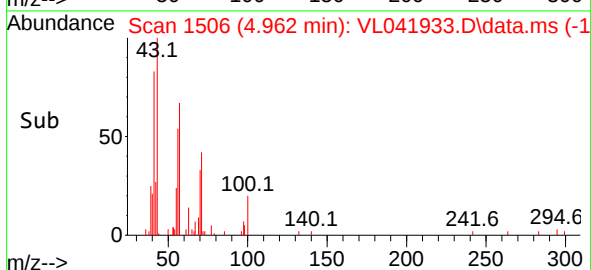
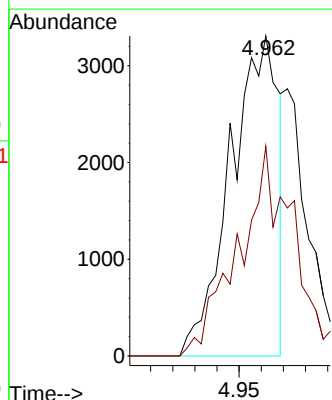
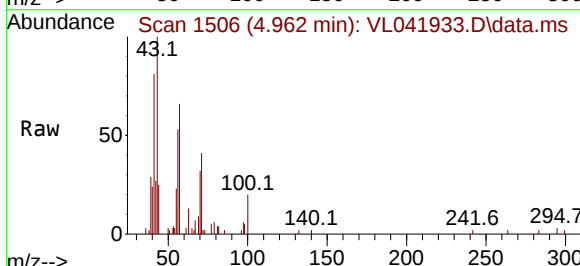
Acq: 20 Jan 2025 23:00

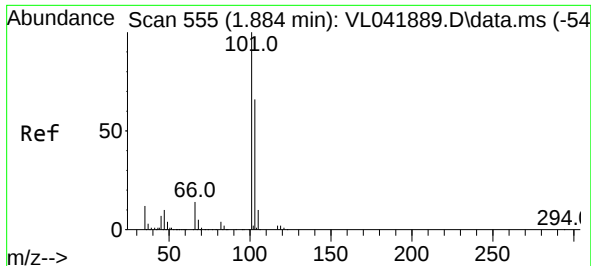
Tgt Ion: 43 Resp: 4968

Ion Ratio Lower Upper

43 100

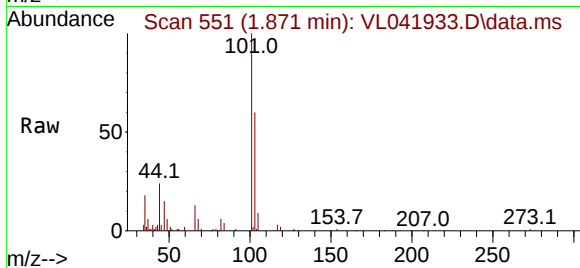
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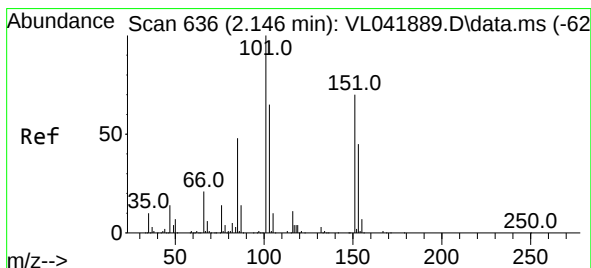
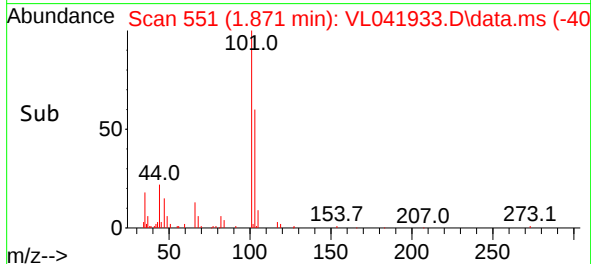
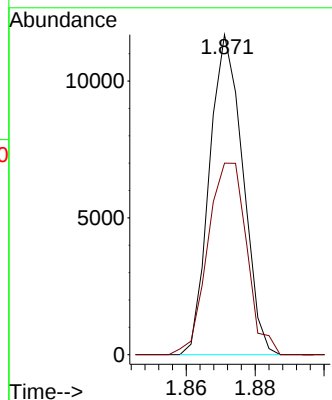


#11
 Trichlorofluoromethane
 Concen: 0.408 ppbv
 RT: 1.871 min Scan# 511
 Delta R.T. -0.013 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Instrument :
 MSVOA_L
 ClientSampleId :

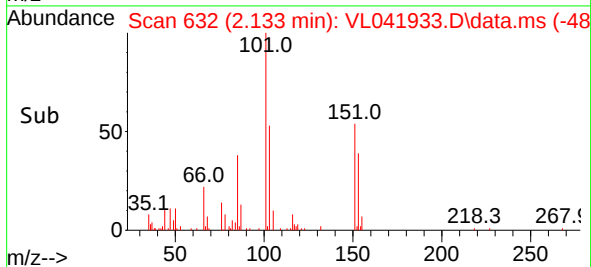
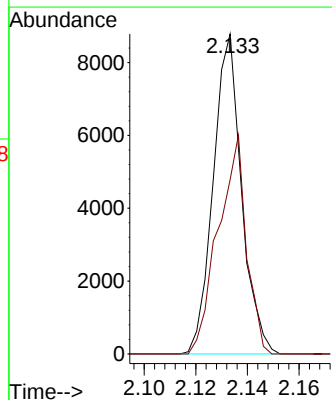
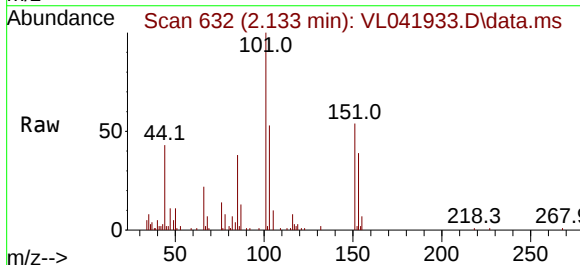


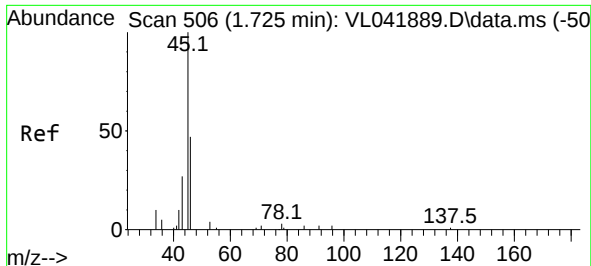
Tgt Ion:101 Resp: 7872
 Ion Ratio Lower Upper
 101 100
 103 59.8 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.441 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. -0.013 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

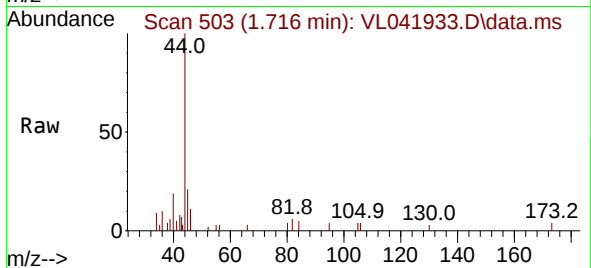
Tgt Ion:101 Resp: 6669
 Ion Ratio Lower Upper
 101 100
 151 68.3 56.1 84.1



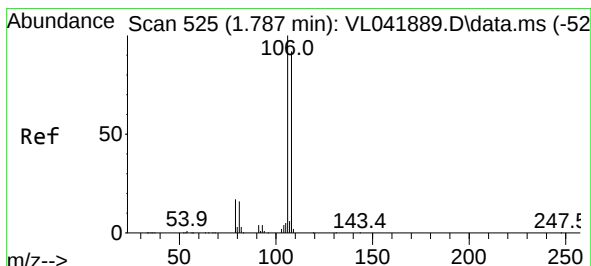
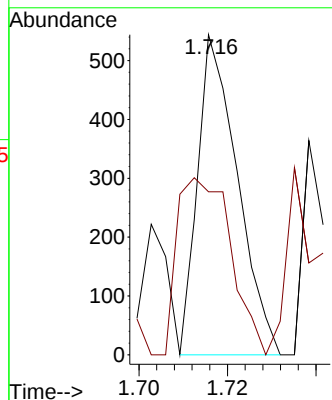
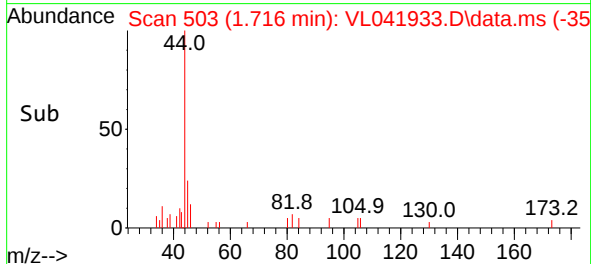


#13
Ethanol
Concen: 0.579 ppbv
RT: 1.716 min Scan# 506
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

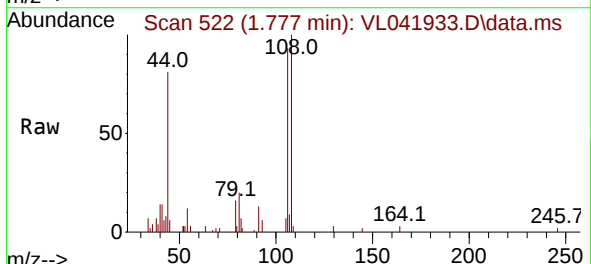
Instrument :
MSVOA_L
ClientSampleId :



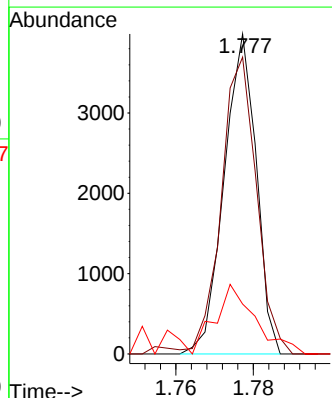
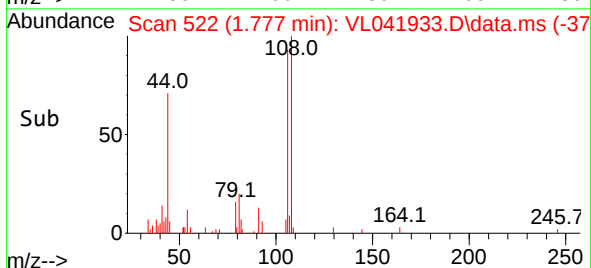
Tgt Ion: 45 Resp: 340
Ion Ratio Lower Upper
45 100
46 81.2 18.1 72.5#

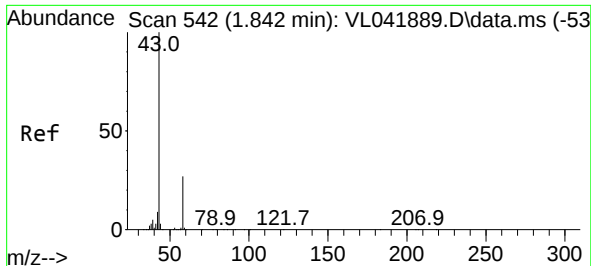


#14
Bromoethene
Concen: 0.414 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00



Tgt Ion: 108 Resp: 2296
Ion Ratio Lower Upper
108 100
106 103.4 85.5 128.3
79 32.7 15.3 22.9#

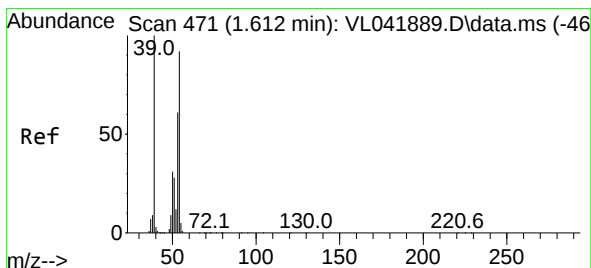
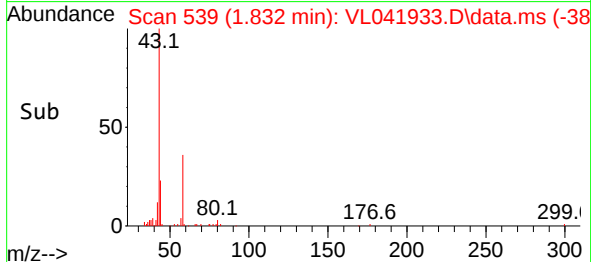
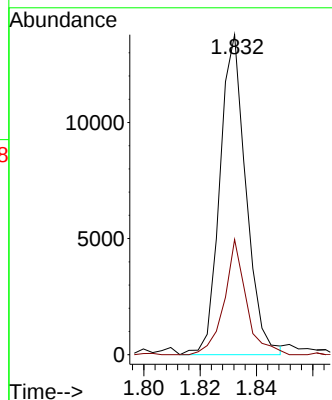
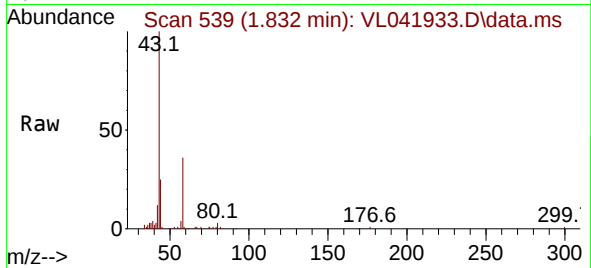




#15
Acetone
Concen: 0.543 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

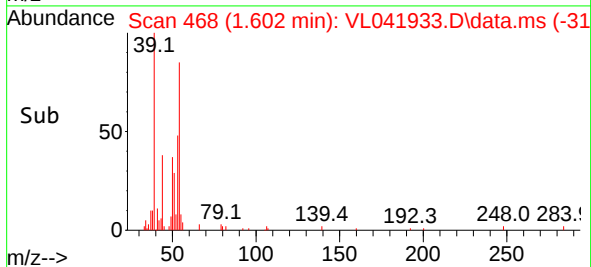
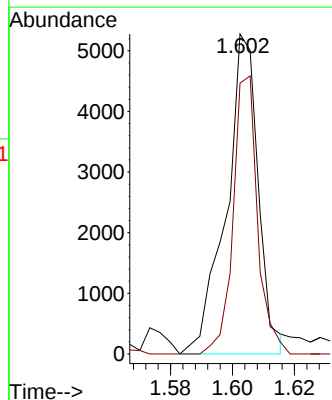
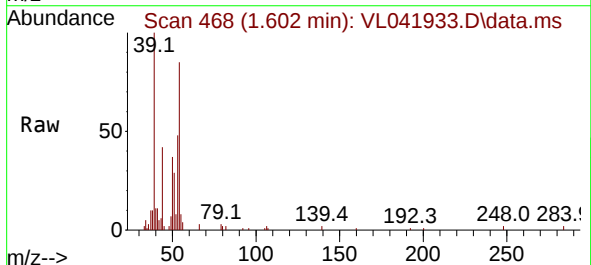
Instrument :
MSVOA_L
ClientSampleId :

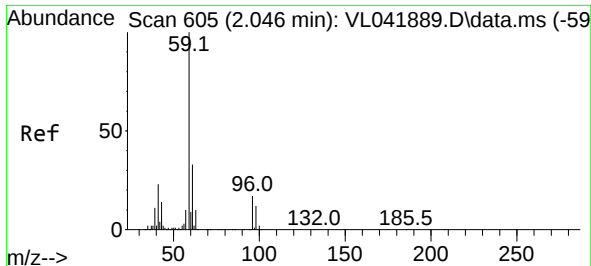
Tgt Ion: 43 Resp: 8886
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#16
1,3-Butadiene
Concen: 0.515 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.010 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 39 Resp: 3787
Ion Ratio Lower Upper
39 100
54 66.1 61.6 92.4





#17

tert-Butyl alcohol

Concen: 0.383 ppbv

RT: 2.039 min Scan# 605

Delta R.T. -0.006 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

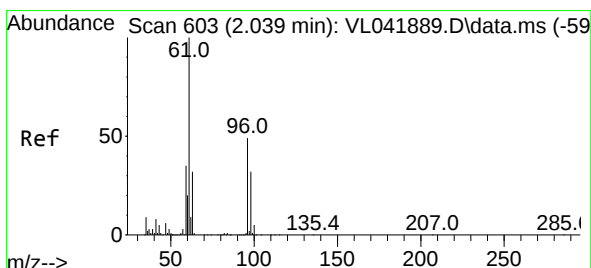
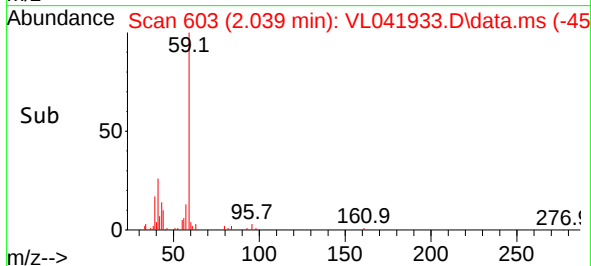
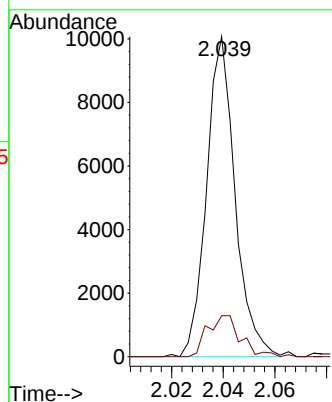
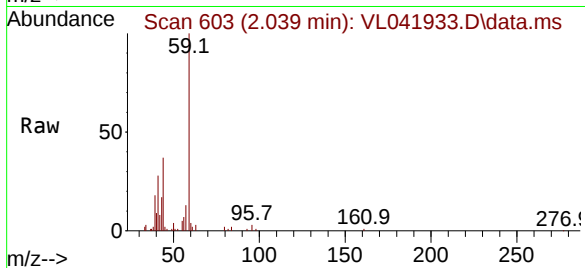
ClientSampleId :

Tgt Ion: 59 Resp: 7707

Ion Ratio Lower Upper

59 100

57 15.0 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.427 ppbv

RT: 2.026 min Scan# 599

Delta R.T. -0.013 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

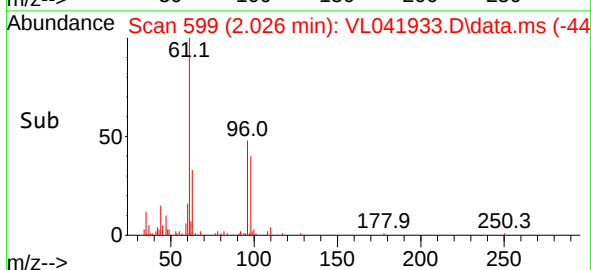
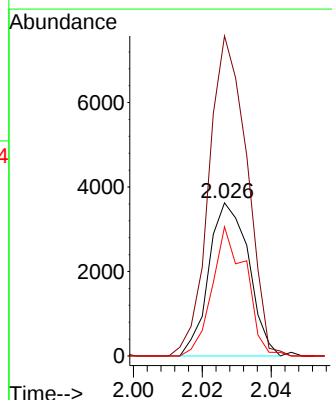
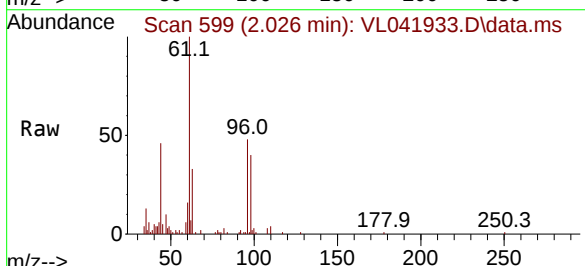
Tgt Ion: 96 Resp: 2914

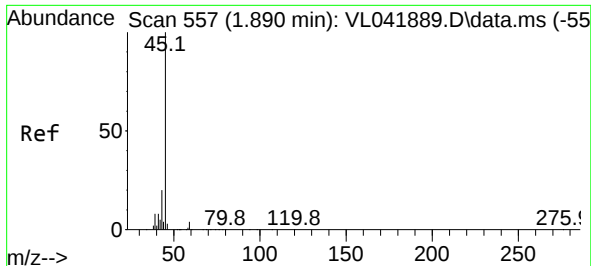
Ion Ratio Lower Upper

96 100

61 205.9 163.1 244.7

98 84.4 52.7 79.1#

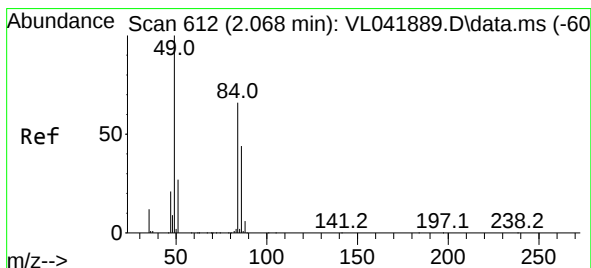
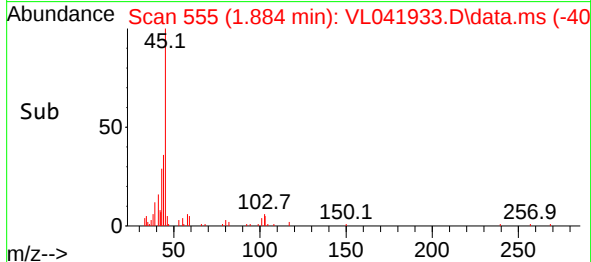
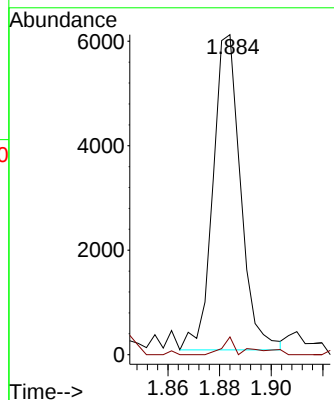
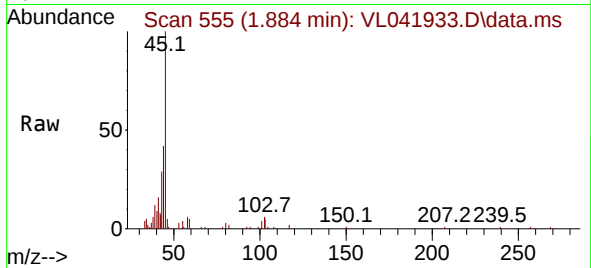




#19
Isopropyl Alcohol
Concen: 0.462 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

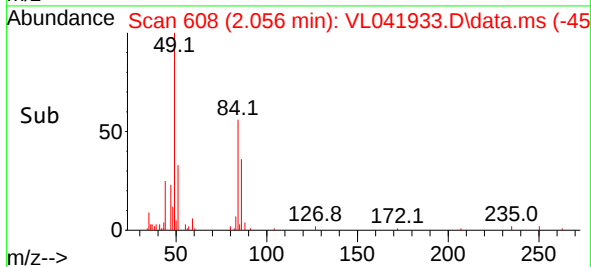
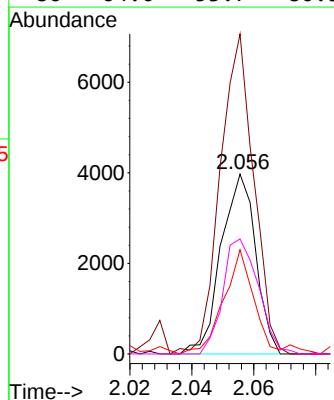
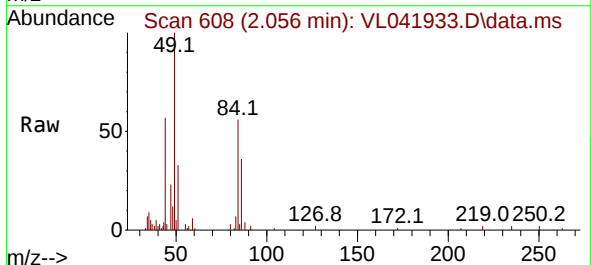
Instrument :
MSVOA_L
ClientSampleId :

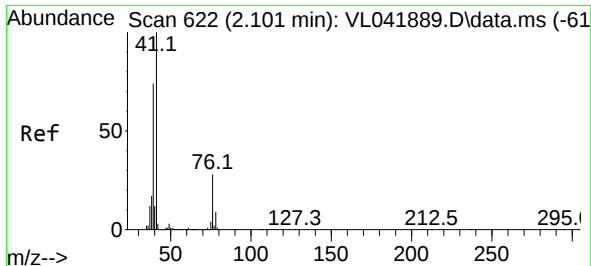
Tgt Ion: 45 Resp: 4486
Ion Ratio Lower Upper
45 100
58 4.3 35.0 52.6#



#20
Methylene Chloride
Concen: 0.476 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 84 Resp: 3078
Ion Ratio Lower Upper
84 100
49 174.9 123.1 184.7
51 57.9 35.8 53.8#
86 64.0 53.7 80.5

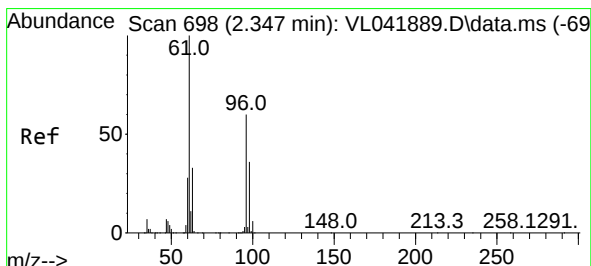
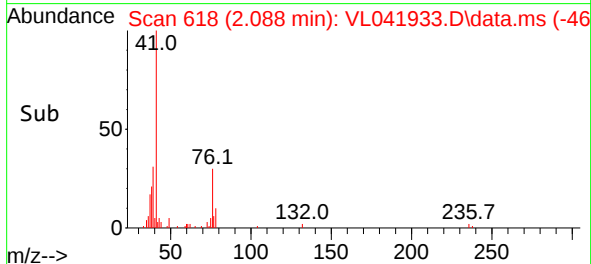
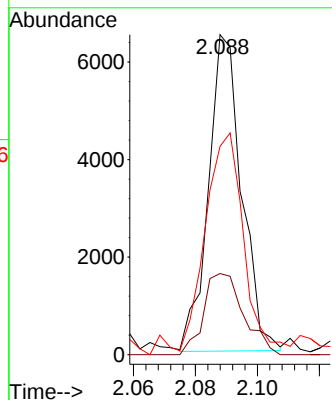
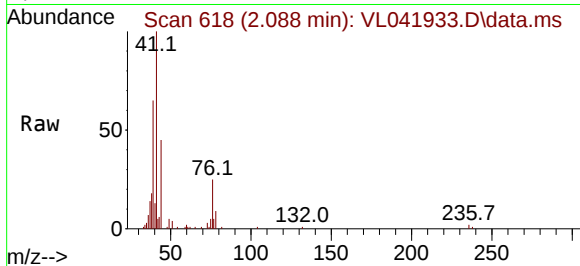




#21
 Allyl Chloride
 Concen: 0.427 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

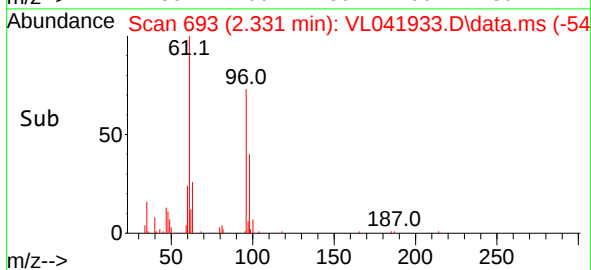
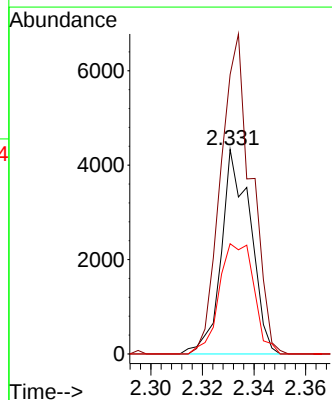
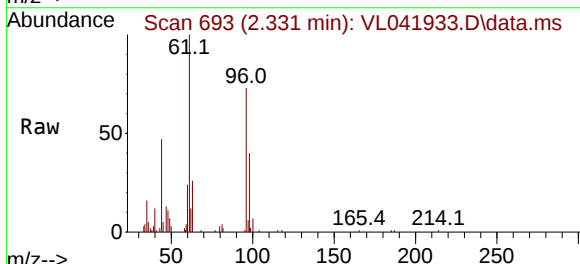
Instrument :
 MSVOA_L
 ClientSampleId :

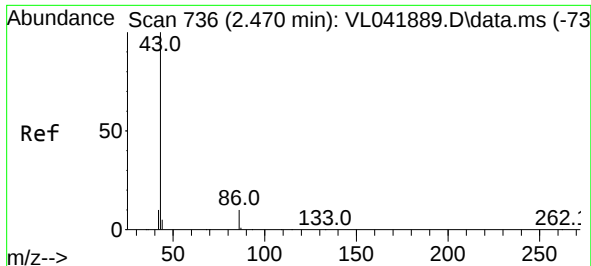
Tgt Ion: 41 Resp: 4844
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.2 36.4
 39 93.4 60.6 91.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.441 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. -0.016 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

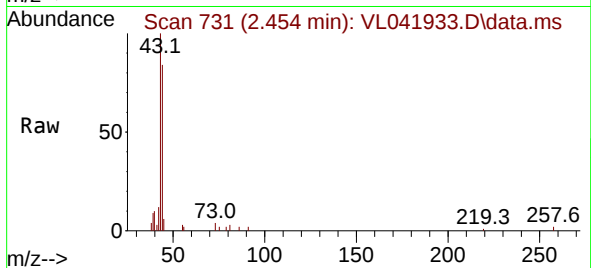
Tgt Ion: 96 Resp: 3394
 Ion Ratio Lower Upper
 96 100
 61 136.5 134.5 201.7
 98 56.6 48.9 73.3



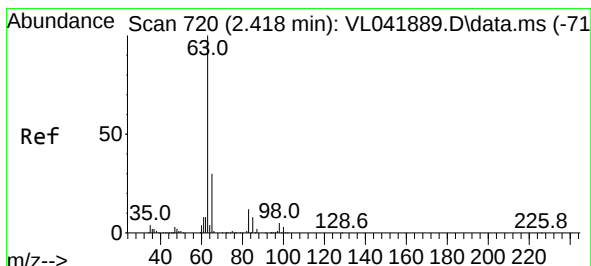
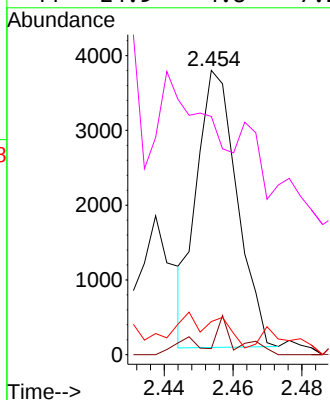
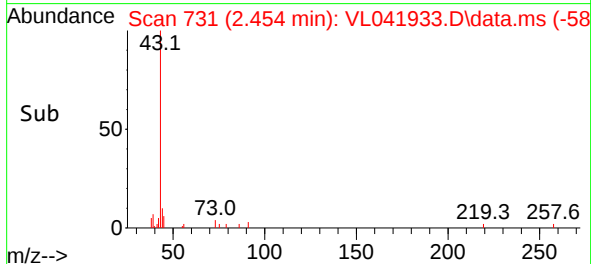


#23
 Vinyl Acetate
 Concen: 0.373 ppbv
 RT: 2.454 min Scan# 715
 Delta R.T. -0.016 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Instrument :
 MSVOA_L
 ClientSampleId :

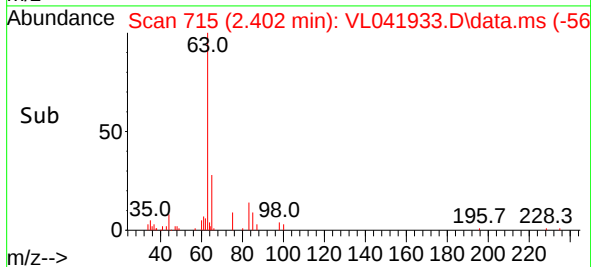
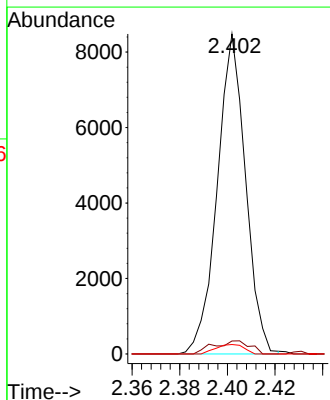
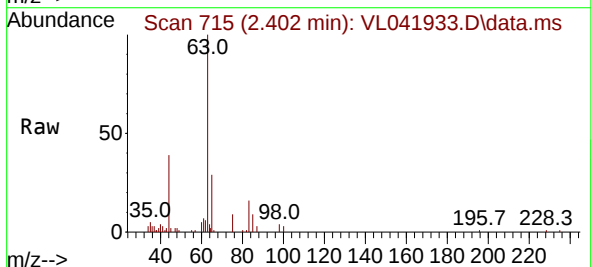


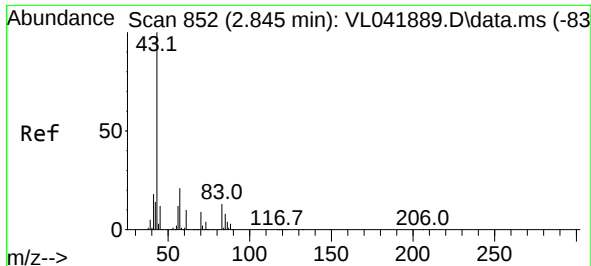
Tgt Ion:	43	Resp:	3023
Ion	Ratio	Lower	Upper
43	100		
86	2.2	6.2	9.4#
42	6.3	8.5	12.7#
44	24.9	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.470 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.016 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion:	63	Resp:	6992
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.6	7.8
100	2.9	1.4	4.2





#25

Ethyl Acetate

Concen: 0.308 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.013 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 13591

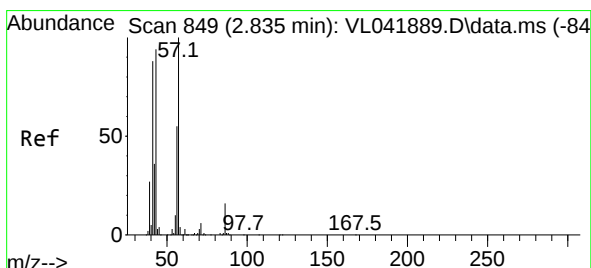
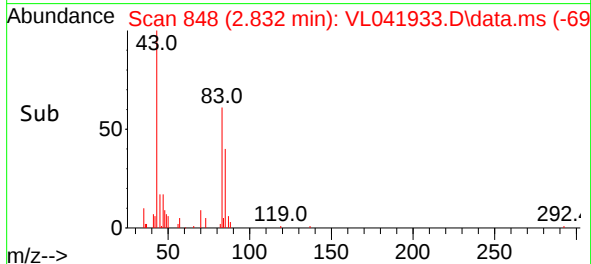
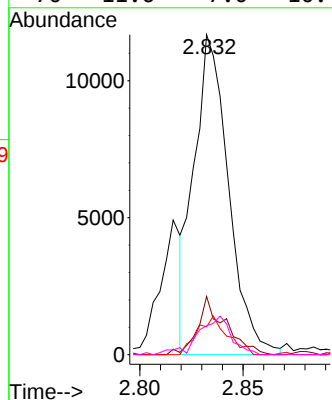
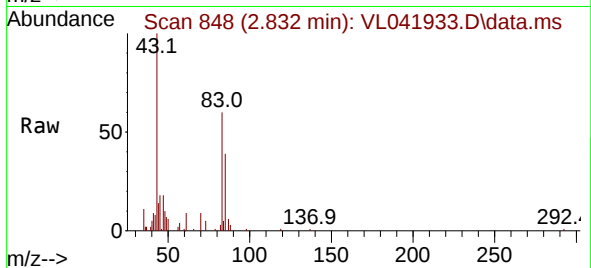
Ion Ratio Lower Upper

43 100

45 14.7 8.2 12.2#

61 10.8 7.4 11.0

70 11.6 7.0 10.4#



#26

Hexane

Concen: 0.355 ppbv

RT: 2.816 min Scan# 843

Delta R.T. -0.019 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Tgt Ion: 57 Resp: 6200

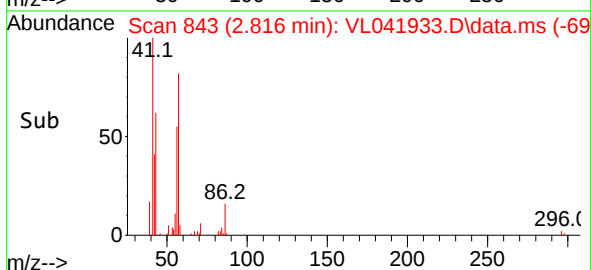
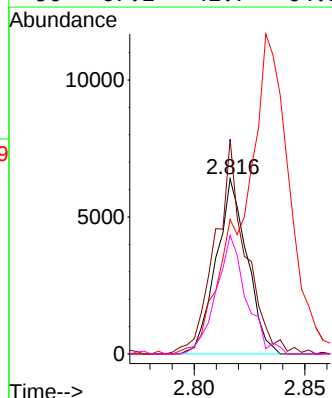
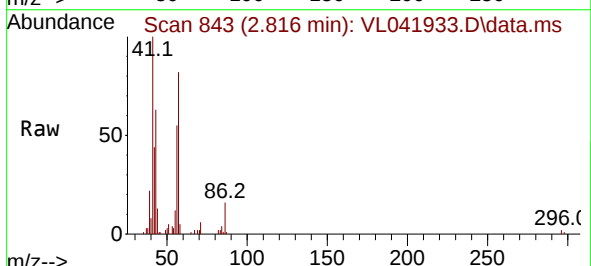
Ion Ratio Lower Upper

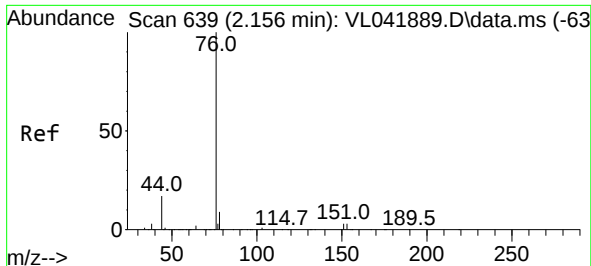
57 100

41 123.3 73.8 110.8#

43 282.0 197.3 295.9

56 67.2 42.7 64.1#

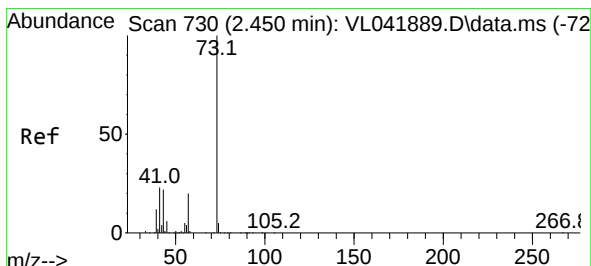
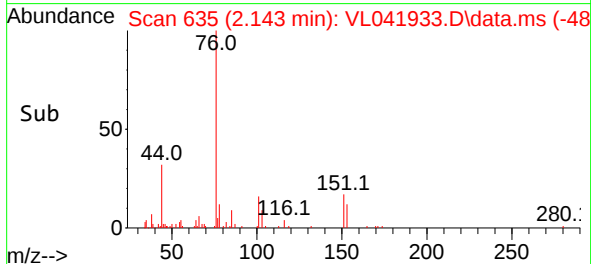
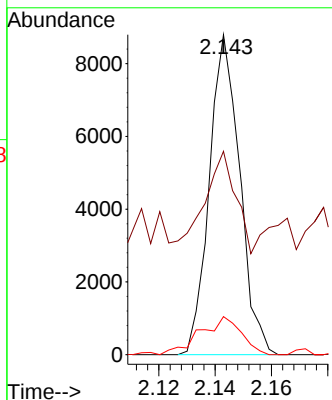
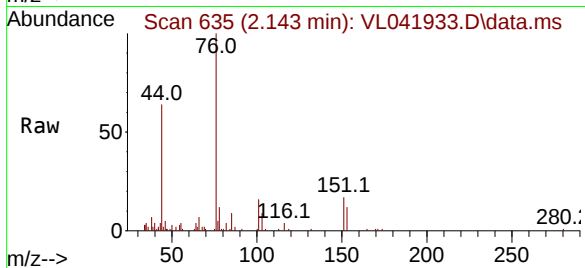




#27
Carbon Disulfide
Concen: 0.382 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

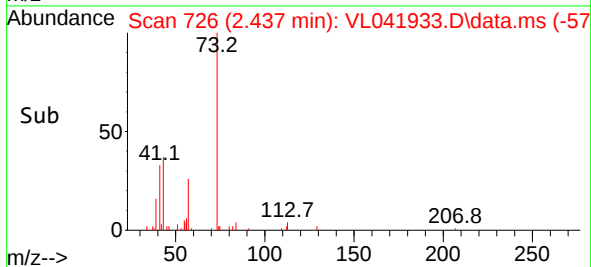
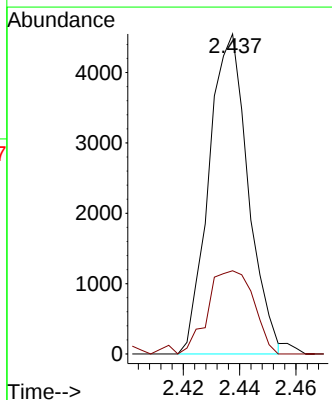
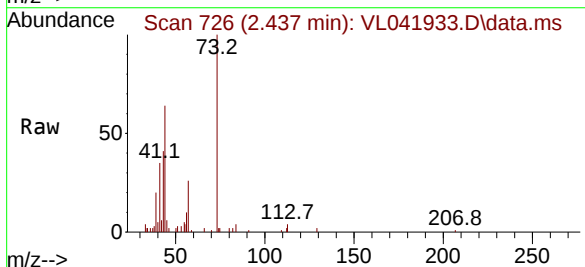
Instrument :
MSVOA_L
ClientSampleId :

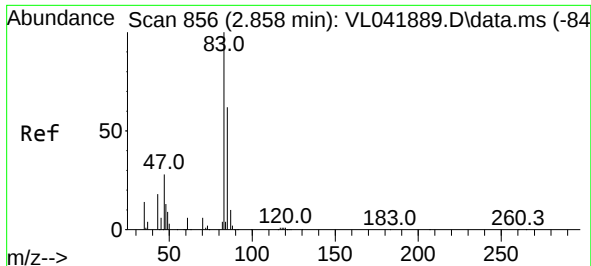
Tgt Ion: 76 Resp: 6601
Ion Ratio Lower Upper
76 100
44 91.0 15.4 23.0#
78 17.4 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.330 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 73 Resp: 4405
Ion Ratio Lower Upper
73 100
57 31.9 18.1 27.1#





#29

Chloroform

Concen: 0.467 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

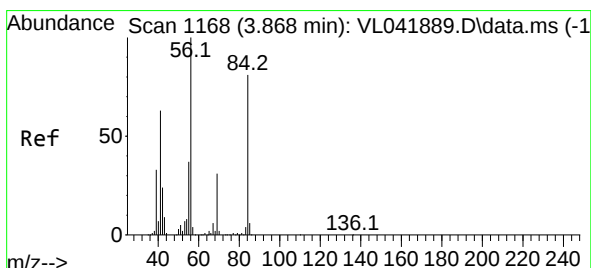
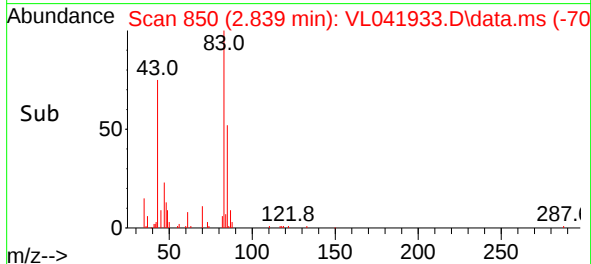
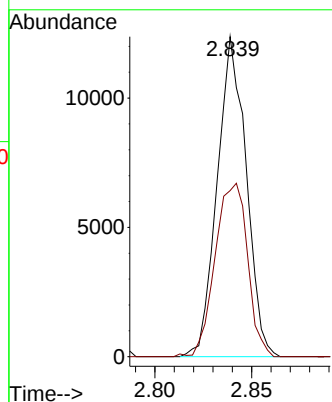
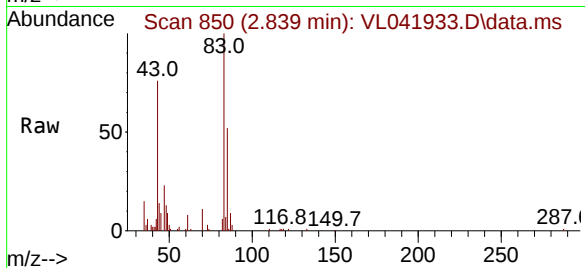
ClientSampleId :

Tgt Ion: 83 Resp: 12876

Ion Ratio Lower Upper

83 100

85 51.9 50.1 75.1



#30

Cyclohexane

Concen: 0.330 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.019 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

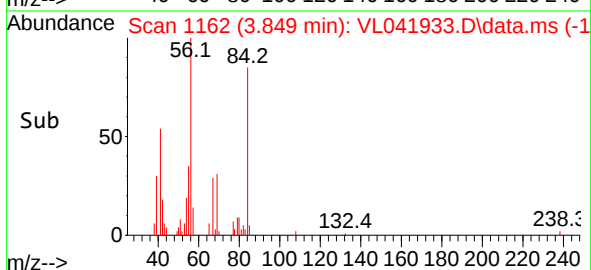
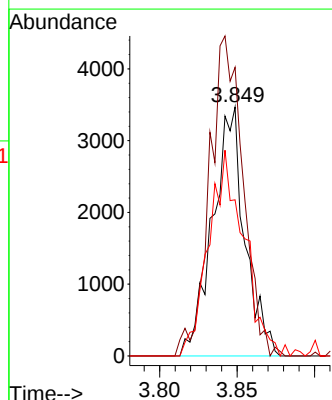
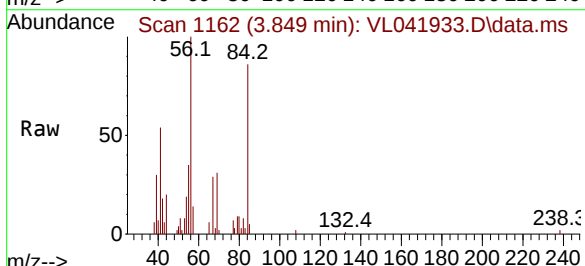
Tgt Ion: 84 Resp: 5001

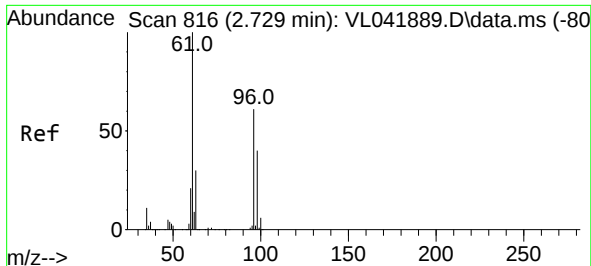
Ion Ratio Lower Upper

84 100

56 133.8 99.3 148.9

41 92.2 64.3 96.5

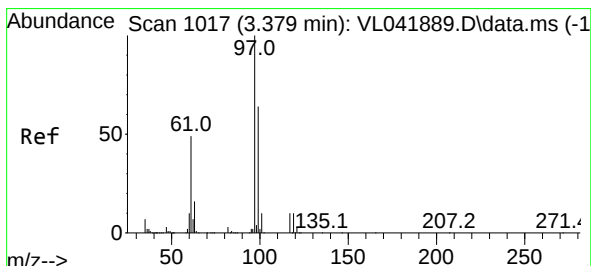
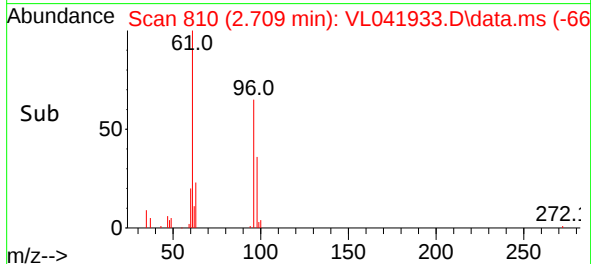
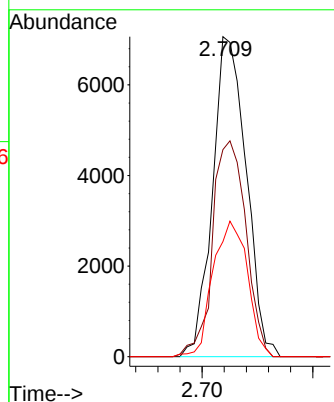
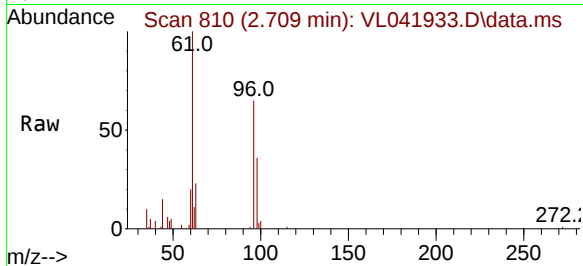




#31
 cis-1,2-Dichloroethene
 Concen: 0.406 ppbv
 RT: 2.709 min Scan# 816
 Delta R.T. -0.019 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

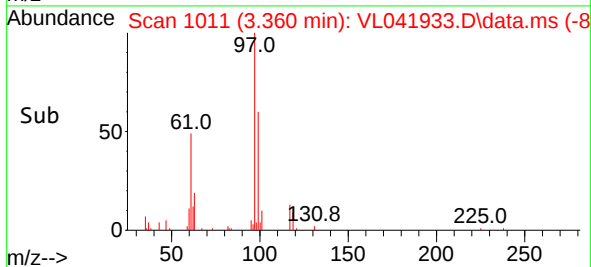
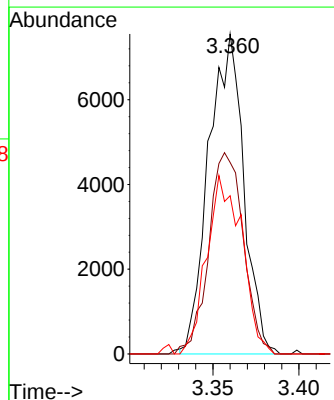
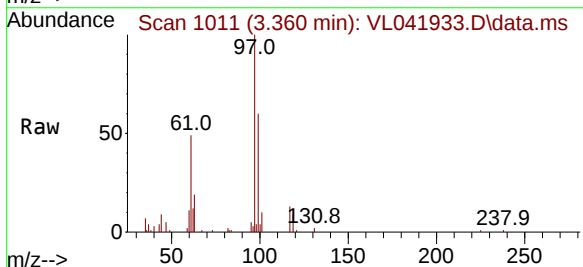
Instrument :
 MSVOA_L
 ClientSampleId :

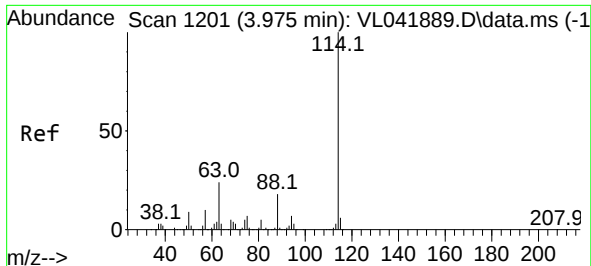
Tgt Ion: 61 Resp: 7466
 Ion Ratio Lower Upper
 61 100
 96 64.7 48.7 73.1
 98 35.9 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 0.404 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.019 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion: 97 Resp: 10678
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.1 76.7
 61 56.6 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. -0.029 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

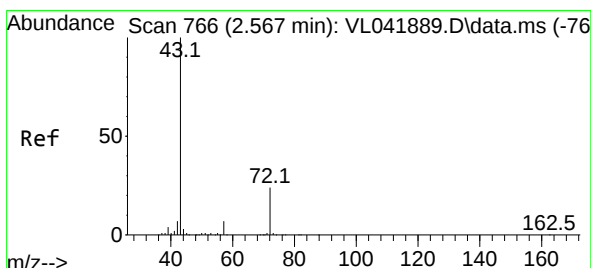
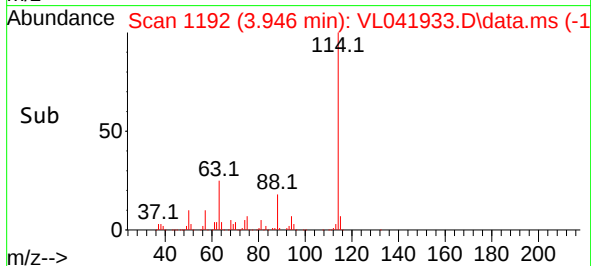
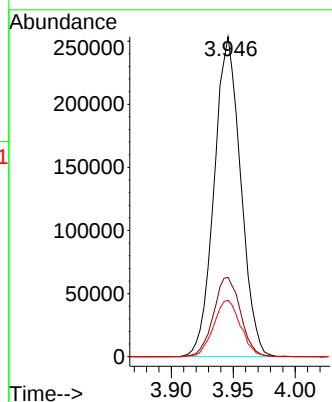
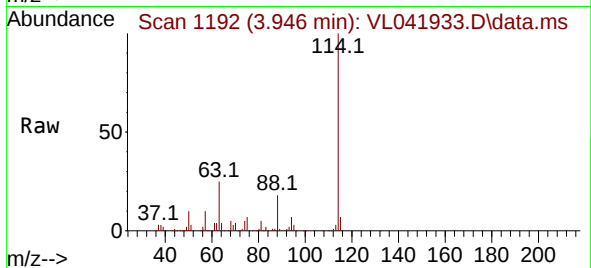
Tgt Ion:114 Resp: 377622

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.6

88 18.0 14.4 21.6



#34

2-Butanone

Concen: 0.464 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041933.D

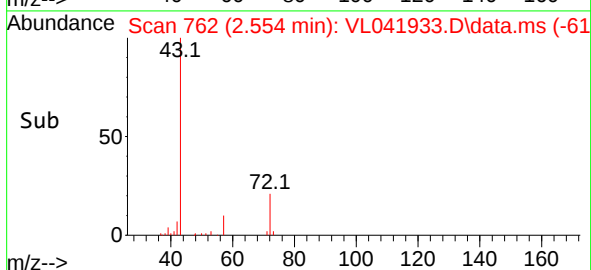
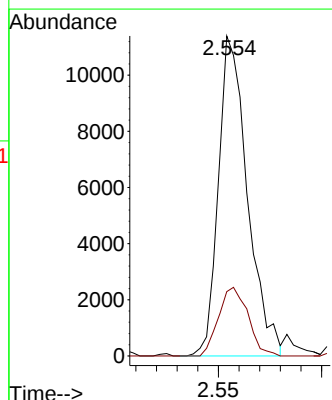
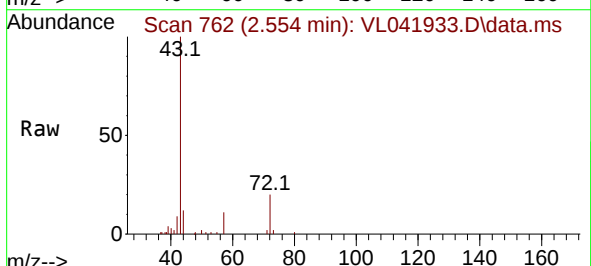
Acq: 20 Jan 2025 23:00

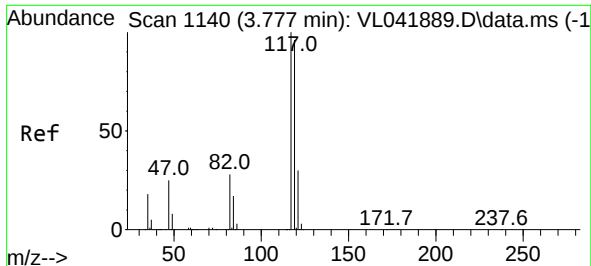
Tgt Ion: 43 Resp: 11133

Ion Ratio Lower Upper

43 100

72 21.8 18.6 28.0

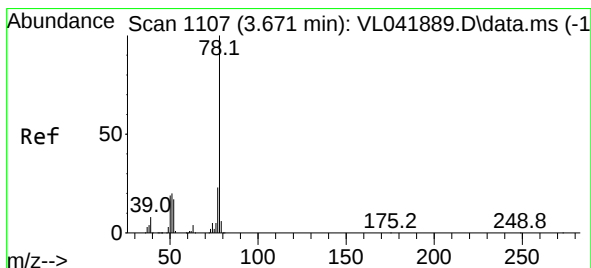
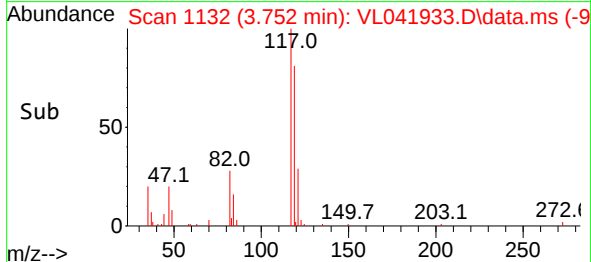
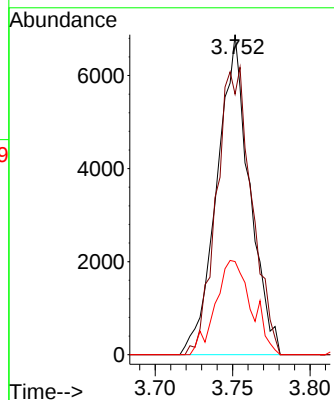
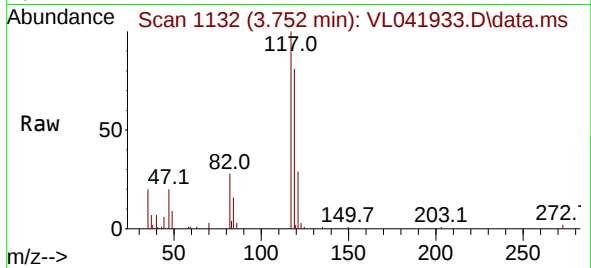




#35
Carbon Tetrachloride
Concen: 0.425 ppbv
RT: 3.752 min Scan# 1112
Delta R.T. -0.026 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

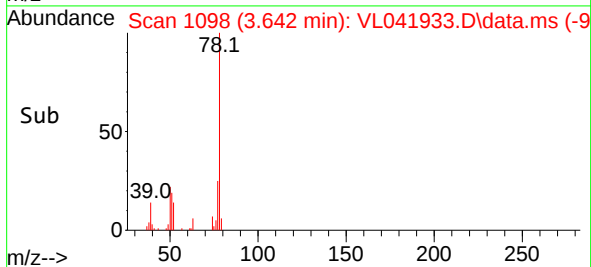
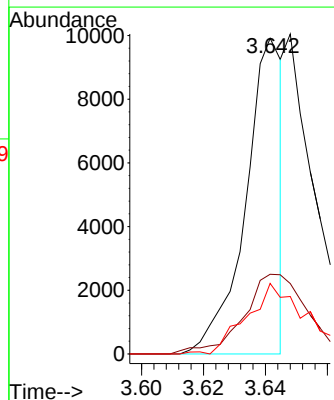
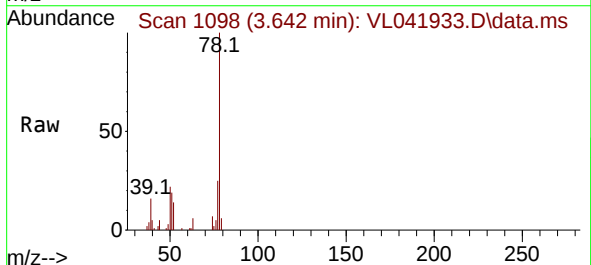
Instrument :
MSVOA_L
ClientSampleId :

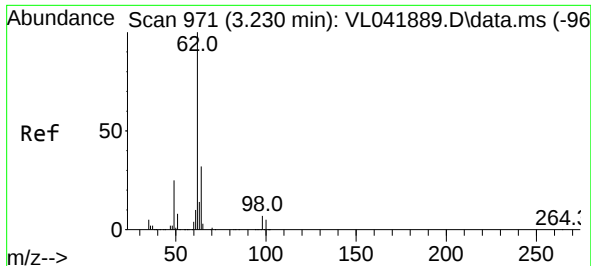
Tgt Ion:117 Resp: 10082
Ion Ratio Lower Upper
117 100
119 83.2 76.9 115.3
121 29.1 23.8 35.6



#36
Benzene
Concen: 0.236 ppbv
RT: 3.642 min Scan# 1098
Delta R.T. -0.029 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 78 Resp: 8189
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 22.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 0.472 ppbv

RT: 3.208 min Scan# 91

Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

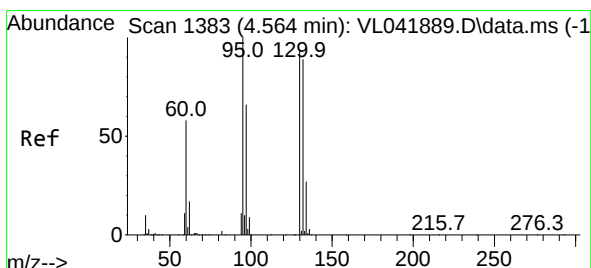
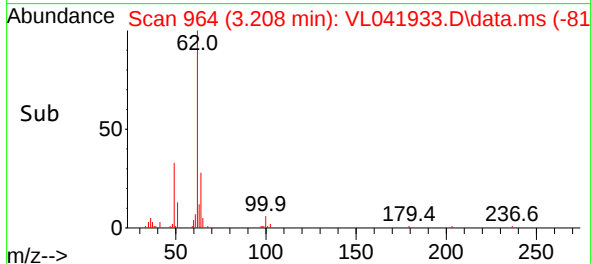
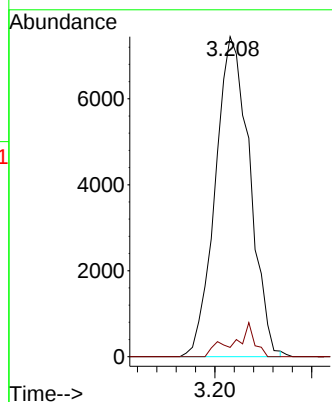
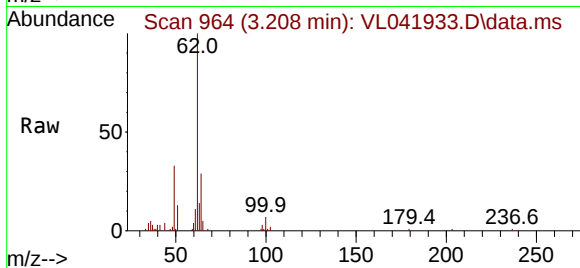
ClientSampleId :

Tgt Ion: 62 Resp: 9188

Ion Ratio Lower Upper

62 100

98 6.3 5.4 8.0



#38

Trichloroethene

Concen: 0.244 ppbv

RT: 4.532 min Scan# 1373

Delta R.T. -0.032 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Tgt Ion:130 Resp: 3347

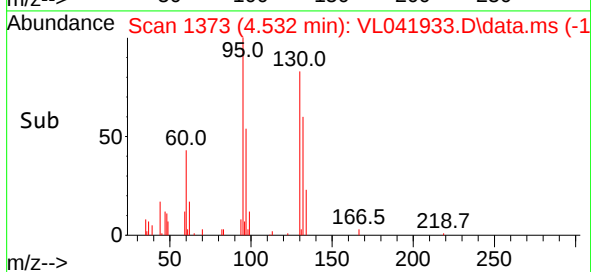
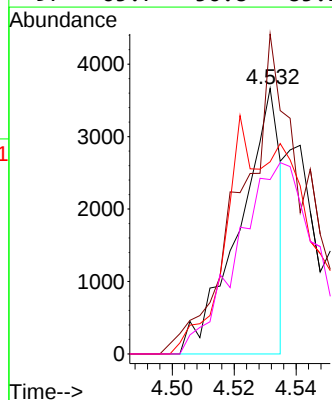
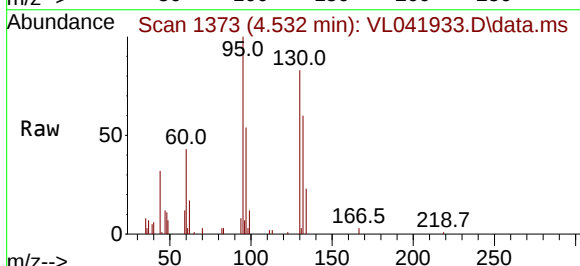
Ion Ratio Lower Upper

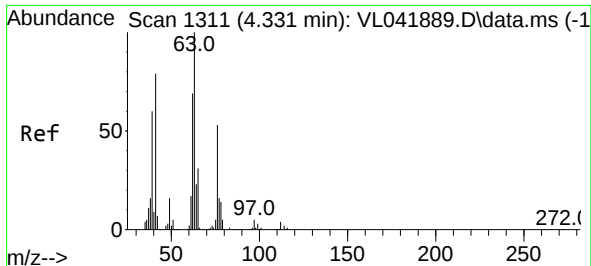
130 100

95 112.9 85.8 128.8

132 68.2 76.5 114.7#

97 65.7 56.8 85.2





#39

1,2-Dichloropropane

Concen: 0.390 ppbv

RT: 4.299 min Scan# 11

Delta R.T. -0.032 min

Lab File: VL041933.D

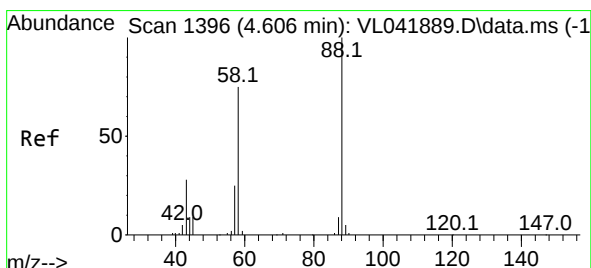
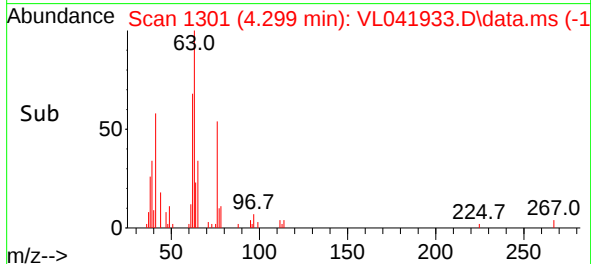
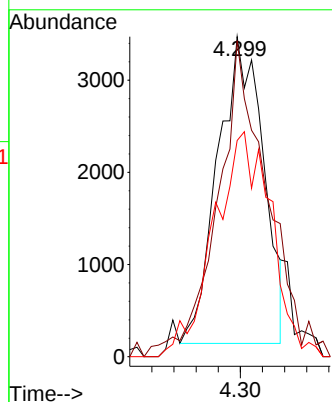
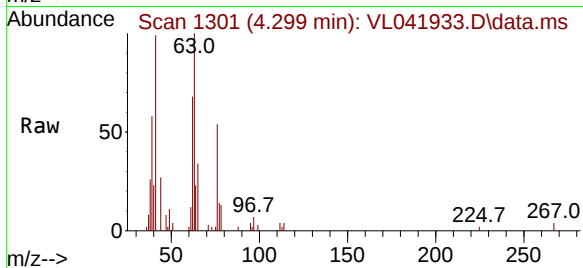
Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63	Resp: 4744
Ion Ratio	Lower Upper
63 100	
41 75.9	63.7 95.5
62 47.5	55.4 83.2#



#40

1,4-Dioxane

Concen: 0.304 ppbv

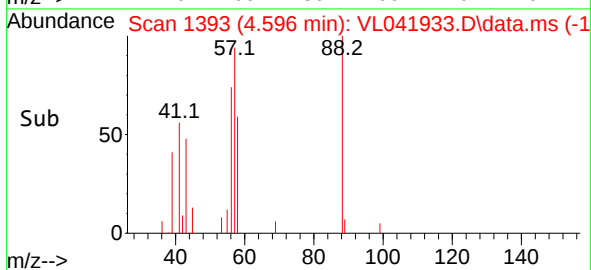
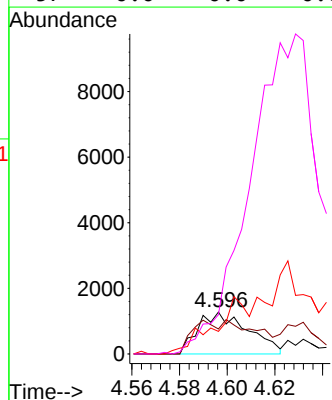
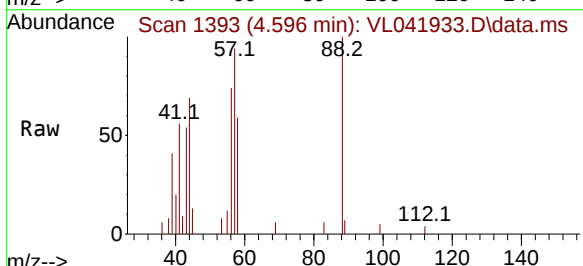
RT: 4.596 min Scan# 1393

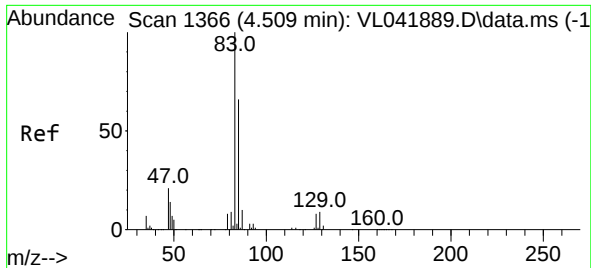
Delta R.T. -0.010 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Tgt Ion: 88	Resp: 1865
Ion Ratio	Lower Upper
88 100	
58 155.7	62.1 93.1#
43 0.0	0.0 0.0
57 0.0	0.0 0.0

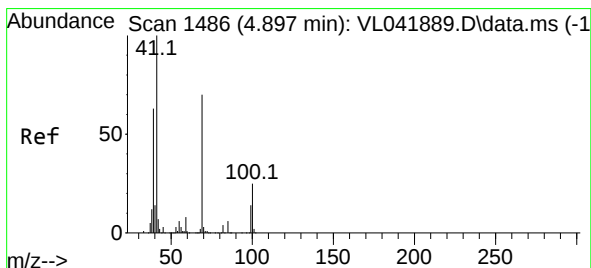
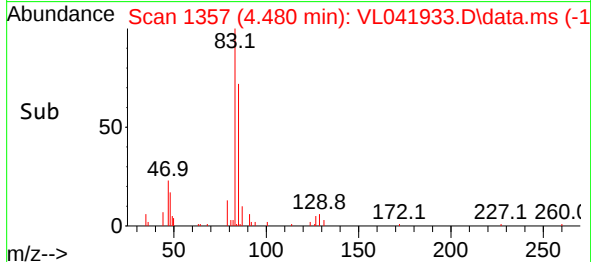
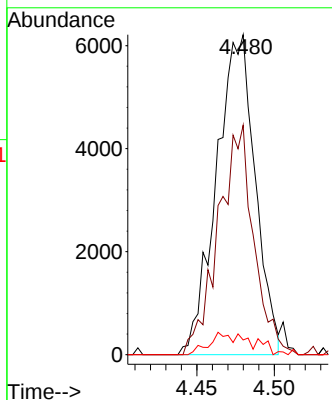
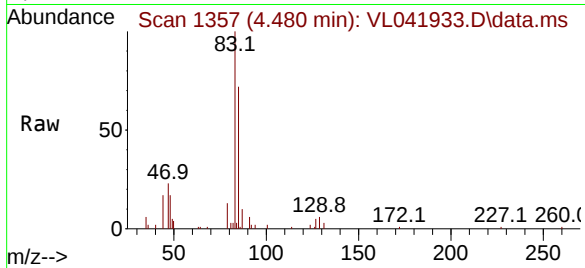




#42
 Bromodichloromethane
 Concen: 0.416 ppbv
 RT: 4.480 min Scan# 11
 Delta R.T. -0.029 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

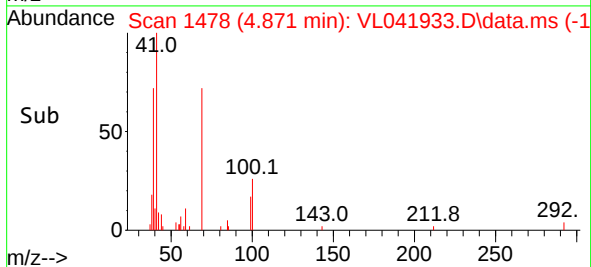
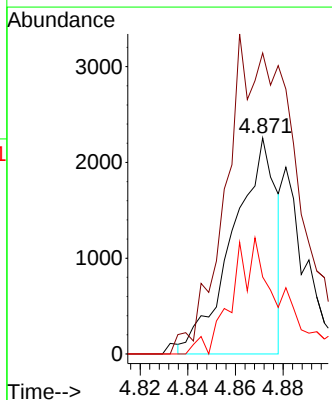
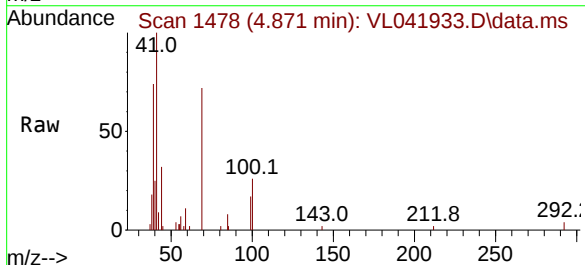
Instrument :
 MSVOA_L
 ClientSampleId :

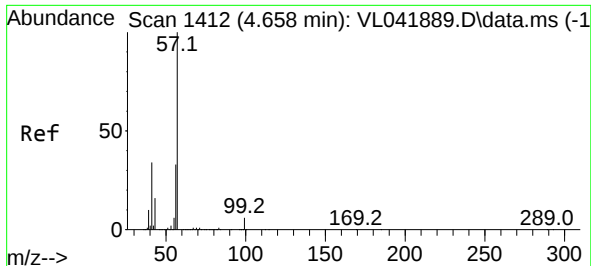
Tgt Ion: 83 Resp: 10841
 Ion Ratio Lower Upper
 83 100
 85 71.7 52.6 78.8
 127 4.6 6.4 9.6#



#43
 Methyl Methacrylate
 Concen: 0.221 ppbv
 RT: 4.871 min Scan# 1478
 Delta R.T. -0.026 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion: 69 Resp: 2846
 Ion Ratio Lower Upper
 69 100
 41 237.2 118.6 177.8#
 100 59.8 29.3 43.9#





#44

2,2,4-Trimethylpentane

Concen: 0.375 ppbv

RT: 4.629 min Scan# 1412

Delta R.T. -0.029 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

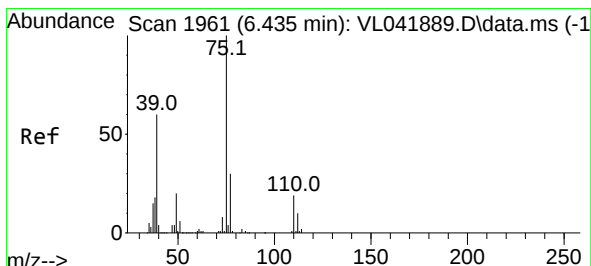
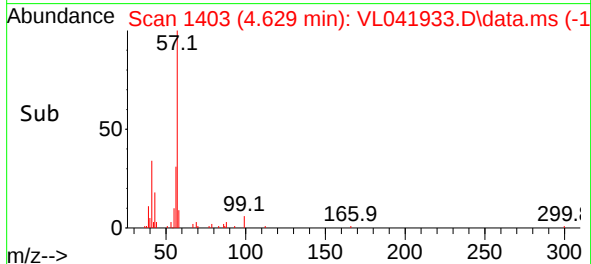
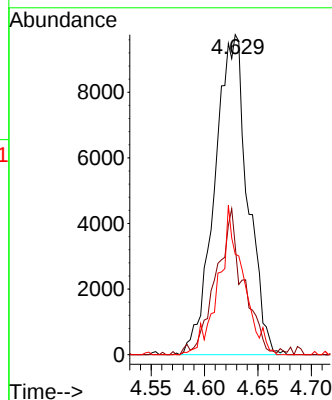
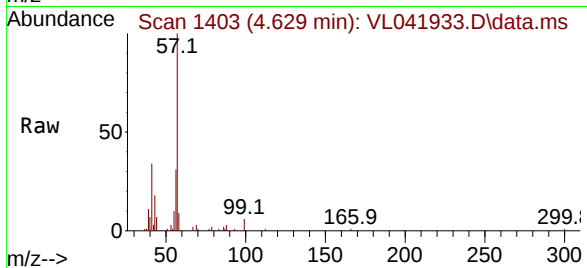
Tgt Ion: 57 Resp: 20981

Ion Ratio Lower Upper

57 100

41 38.4 26.6 40.0

56 34.7 25.4 38.2



#45

t-1,3-Dichloropropene

Concen: 0.083 ppbv

RT: 6.389 min Scan# 1947

Delta R.T. -0.045 min

Lab File: VL041933.D

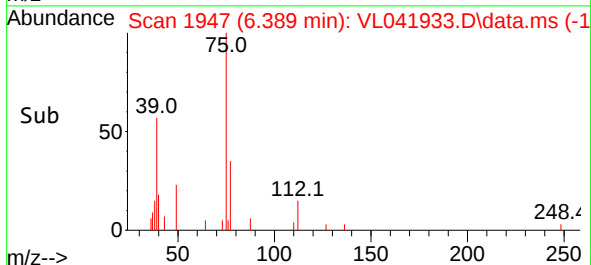
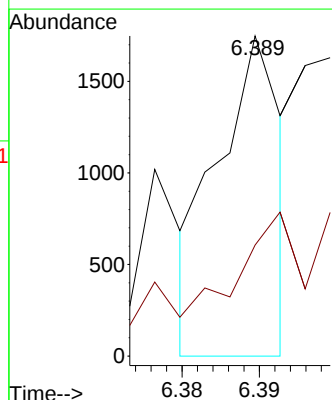
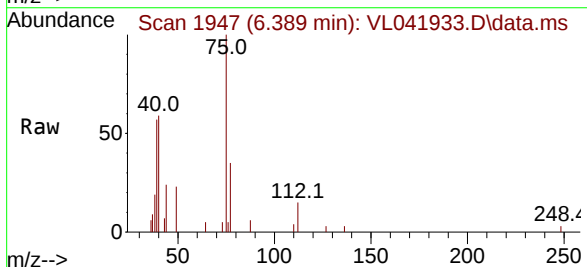
Acq: 20 Jan 2025 23:00

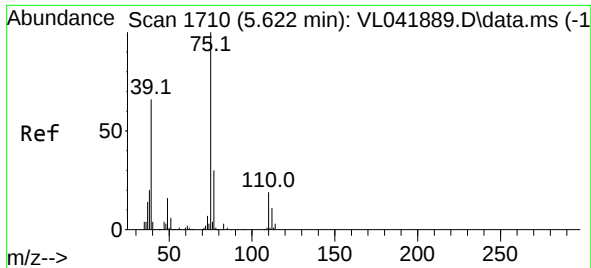
Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 34.7 24.3 36.5

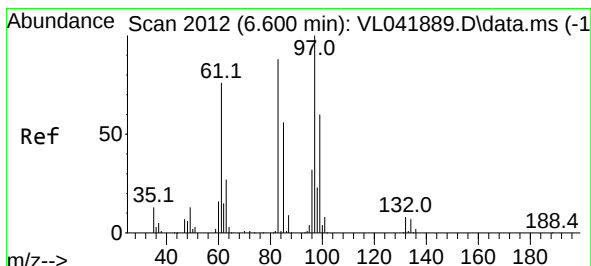
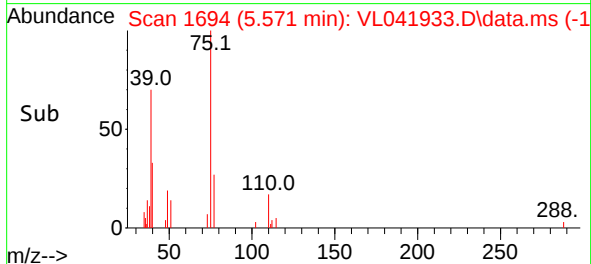
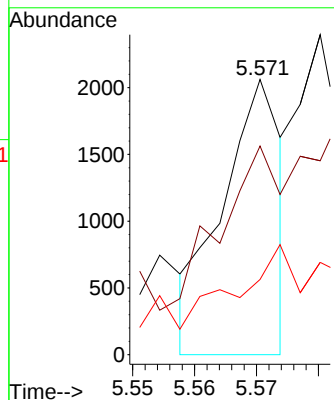
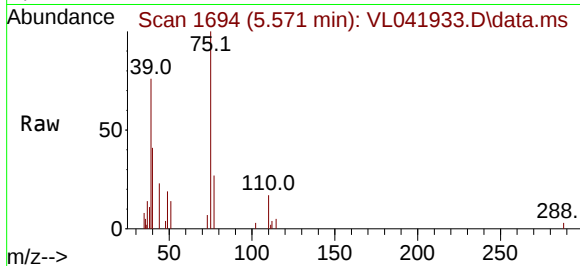




#46
 cis-1,3-Dichloropropene
 Concen: 0.087 ppbv
 RT: 5.571 min Scan# 11
 Delta R.T. -0.052 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

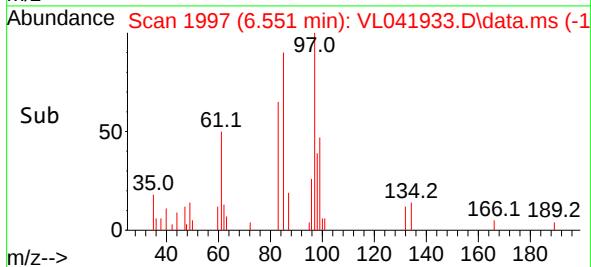
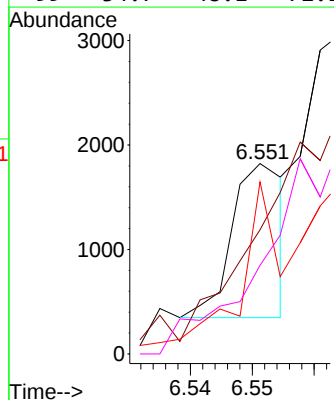
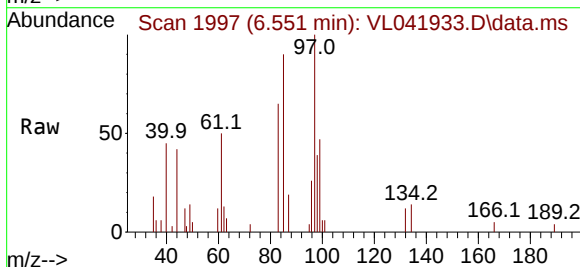
Instrument :
 MSVOA_L
 ClientSampleId :

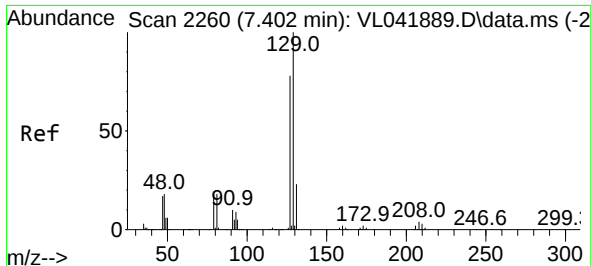
Tgt Ion: 75	Resp: 1375
Ion Ratio	Lower Upper
75 100	
39 78.5	53.1 79.7
77 25.5	23.8 35.8



#47
 1,1,2-Trichloroethane
 Concen: 0.067 ppbv
 RT: 6.551 min Scan# 1997
 Delta R.T. -0.048 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion: 97	Resp:	867	
Ion	Ratio	Lower	Upper
97	100		
83	72.5	70.4	105.6
85	102.1	45.0	67.4#
99	34.7	48.1	72.1#

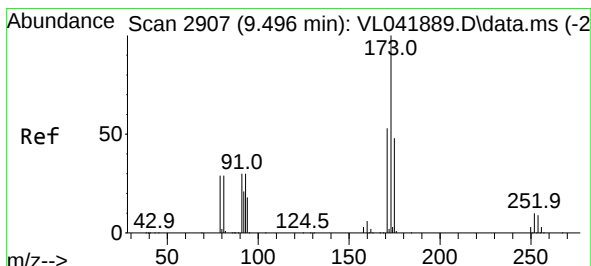
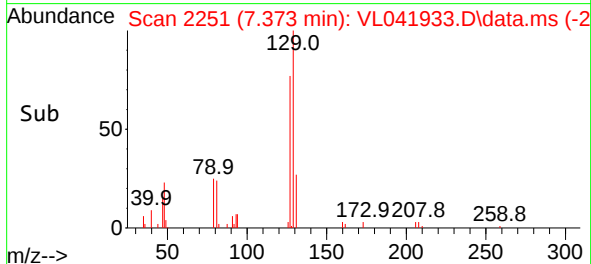
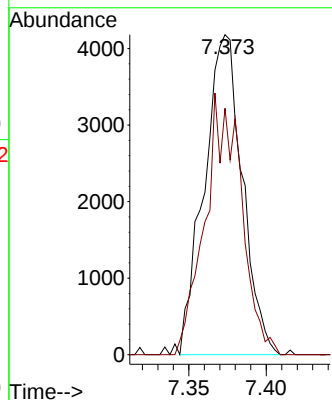
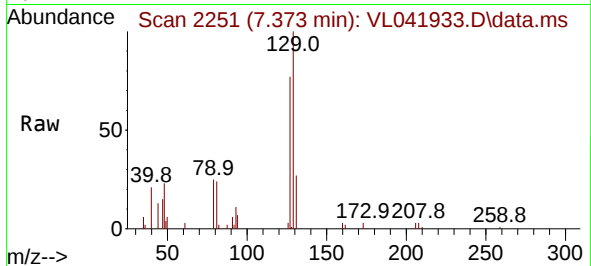




#48
 Dibromochloromethane
 Concen: 0.360 ppbv
 RT: 7.373 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

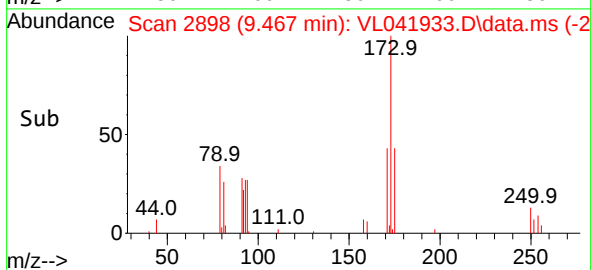
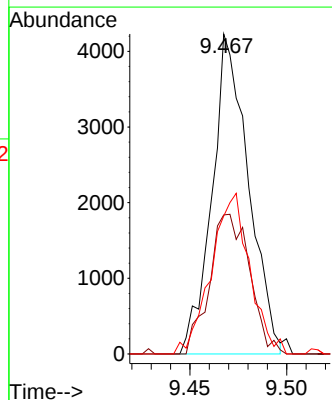
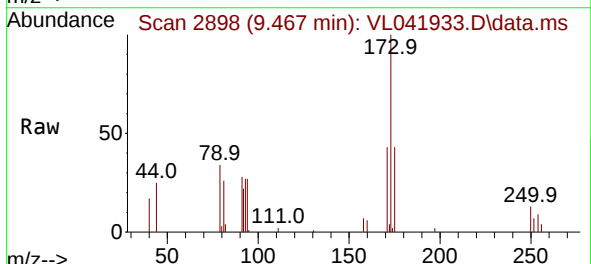
Instrument :
 MSVOA_L
 ClientSampleId :

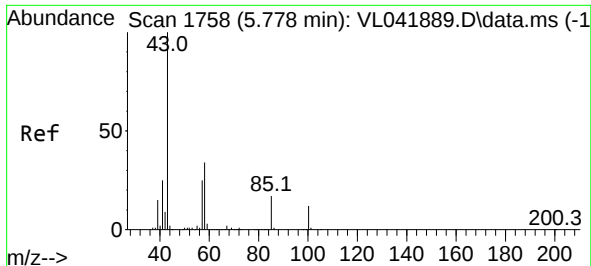
Tgt Ion:129 Resp: 7155
 Ion Ratio Lower Upper
 129 100
 127 78.0 39.3 117.8



#49
 Bromoform
 Concen: 0.339 ppbv
 RT: 9.467 min Scan# 2898
 Delta R.T. -0.029 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion:173 Resp: 5536
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.4 57.6
 171 53.3 41.4 62.2





#50

4-Methyl-2-Pentanone

Concen: 0.125 ppbv

RT: 5.749 min Scan# 1

Delta R.T. -0.029 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

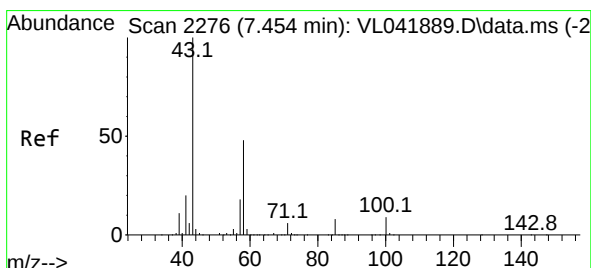
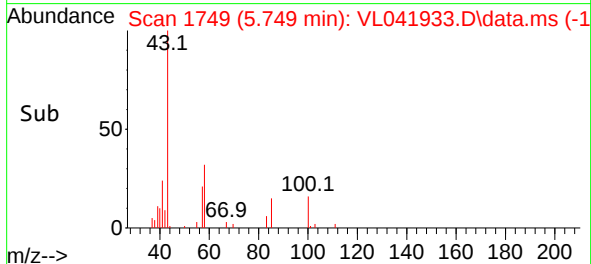
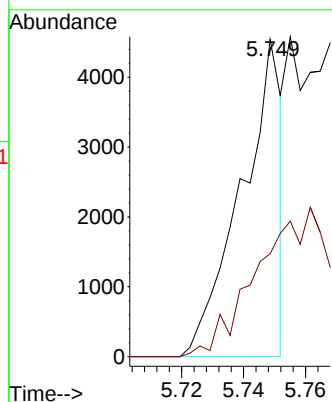
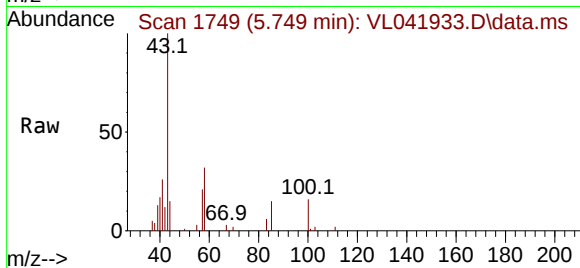
ClientSampleId :

Tgt Ion: 43 Resp: 4101

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



#51

2-Hexanone

Concen: 0.150 ppbv

RT: 7.432 min Scan# 2269

Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

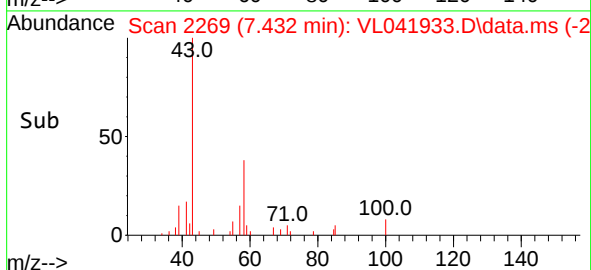
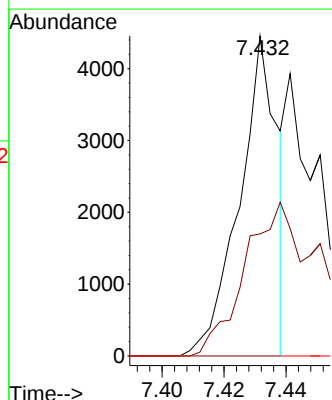
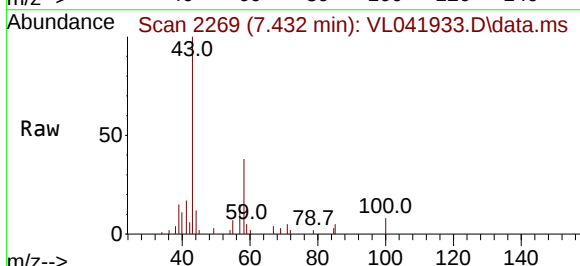
Tgt Ion: 43 Resp: 3782

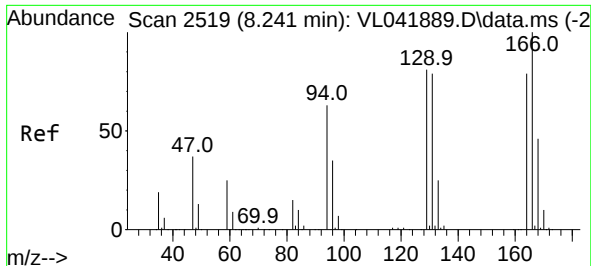
Ion Ratio Lower Upper

43 100

58 0.0 40.4 60.6#

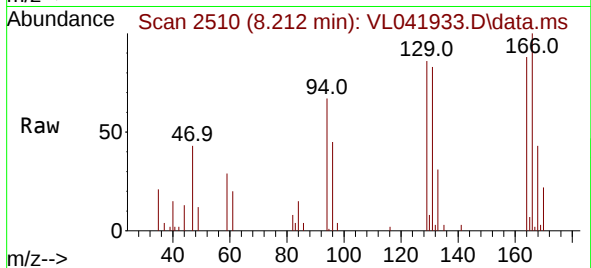
98 0.0 0.2 0.2#



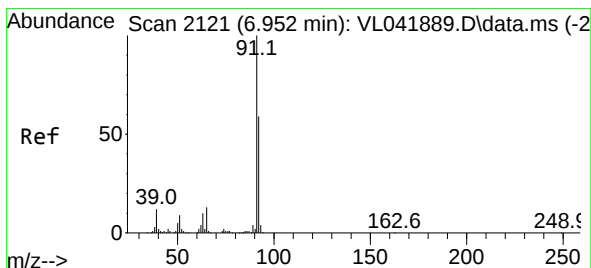
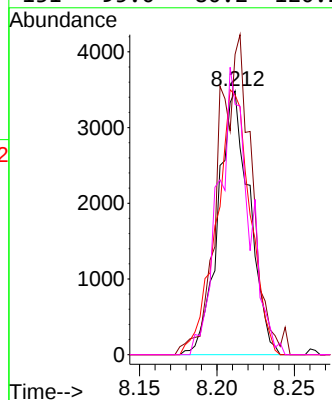
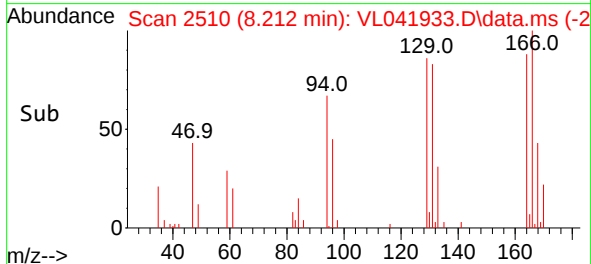


#52
Tetrachloroethene
Concen: 0.408 ppbv
RT: 8.212 min Scan# 2108
Delta R.T. -0.029 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Instrument :
MSVOA_L
ClientSampleId :

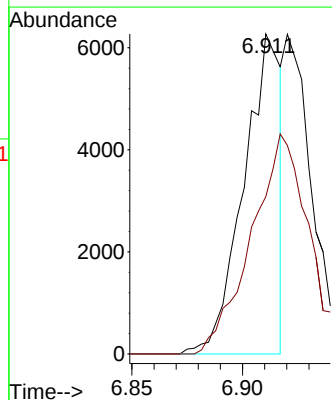
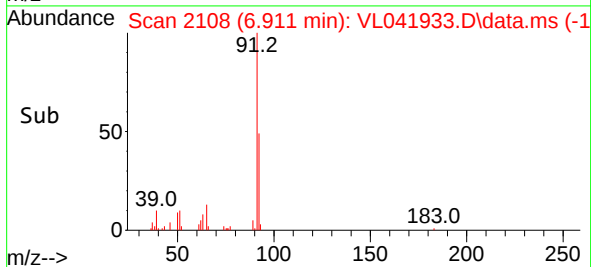
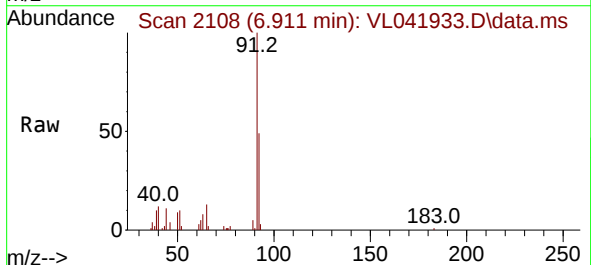


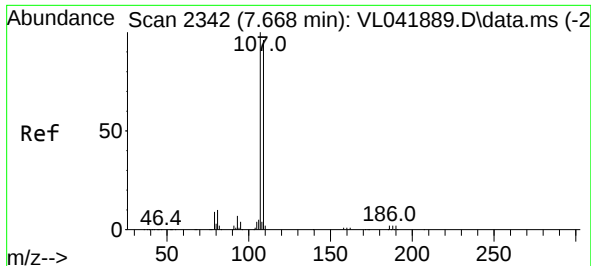
Tgt Ion:	164	Resp:	4901
Ion	Ratio	Lower	Upper
164	100		
166	110.9	100.8	151.2
129	98.5	82.0	123.0
131	95.0	80.2	120.2



#53
Toluene
Concen: 0.192 ppbv
RT: 6.911 min Scan# 2108
Delta R.T. -0.042 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion:	91	Resp:	7249
Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#

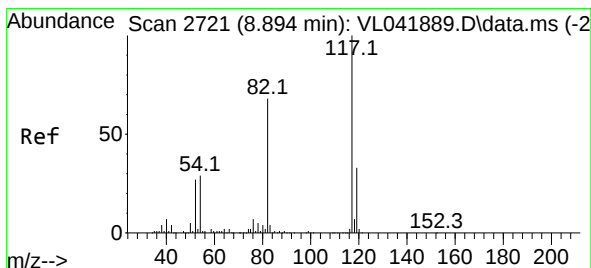
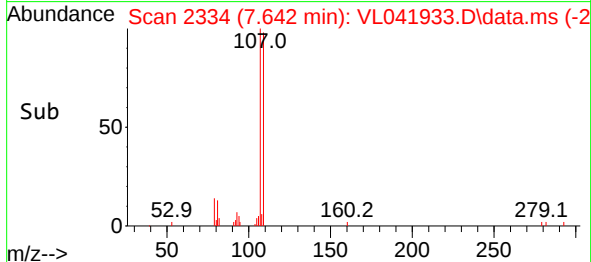
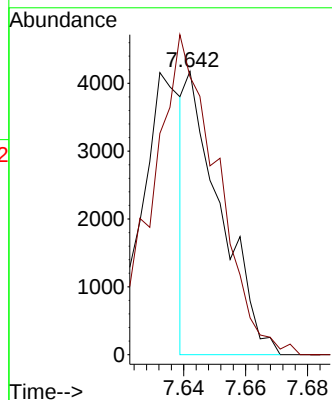
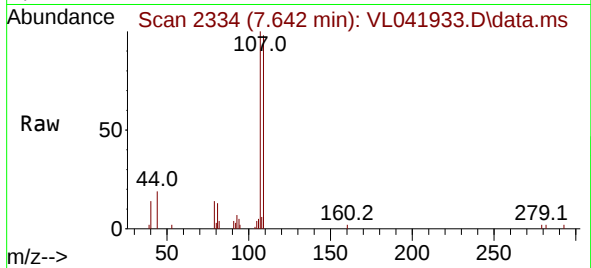




#54
1,2-Dibromoethane
Concen: 0.183 ppbv
RT: 7.642 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

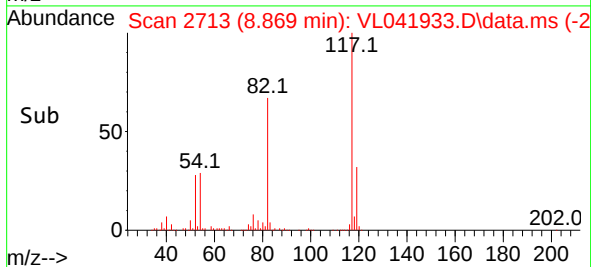
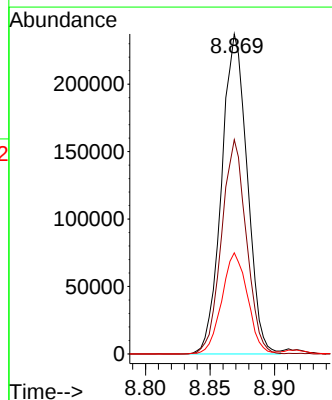
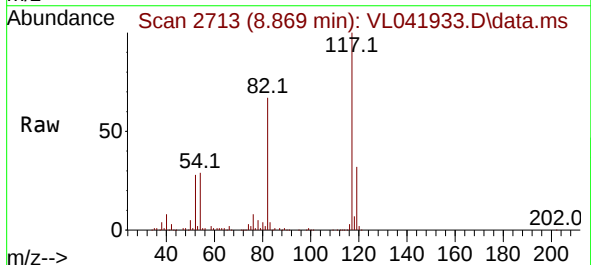
Instrument :
MSVOA_L
ClientSampleId :

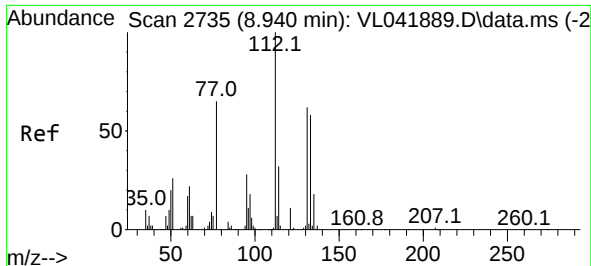
Tgt Ion:107 Resp: 3239
Ion Ratio Lower Upper
107 100
109 96.1 76.7 115.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. -0.026 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion:117 Resp: 327592
Ion Ratio Lower Upper
117 100
82 64.9 54.2 81.4
119 32.9 25.0 37.6

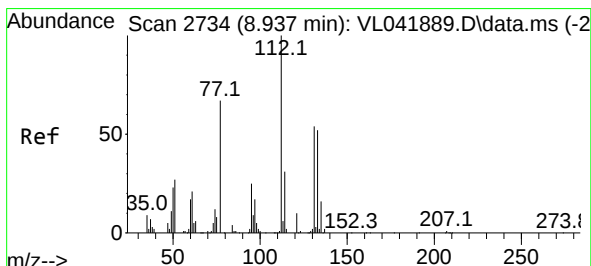
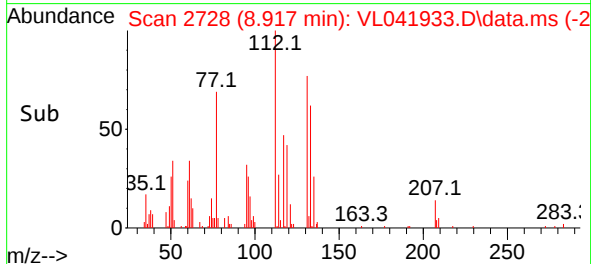
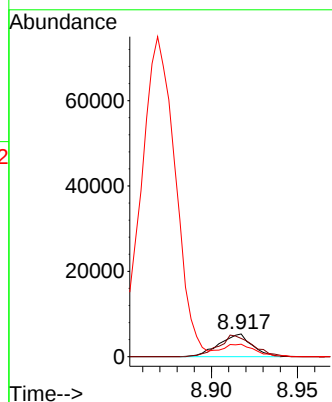
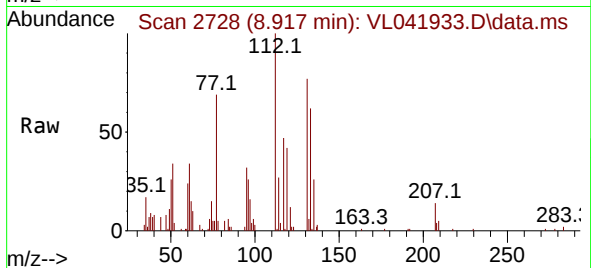




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.433 ppbv
 RT: 8.917 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

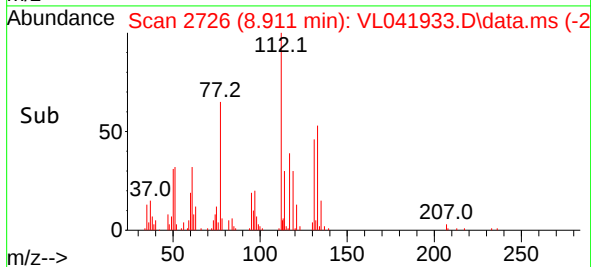
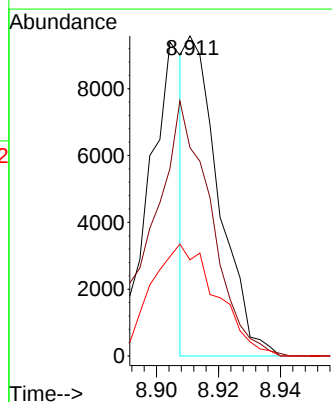
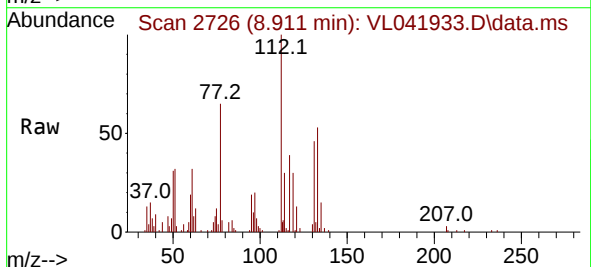
Instrument :
 MSVOA_L
 ClientSampleId :

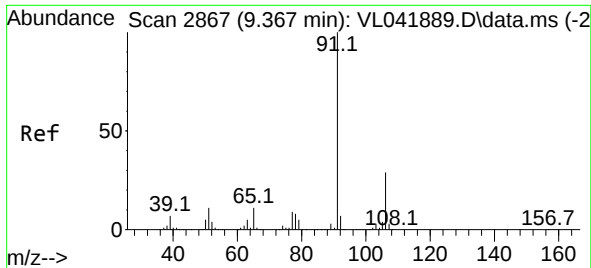
Tgt Ion:131 Resp: 7069
 Ion Ratio Lower Upper
 131 100
 133 98.8 76.0 114.0
 119 1522.7 49.7 74.5#



#57
 Chlorobenzene
 Concen: 0.235 ppbv
 RT: 8.911 min Scan# 2726
 Delta R.T. -0.026 min
 Lab File: VL041933.D
 Acq: 20 Jan 2025 23:00

Tgt Ion:112 Resp: 7111
 Ion Ratio Lower Upper
 112 100
 77 64.3 54.6 82.0
 114 30.0 28.2 34.4

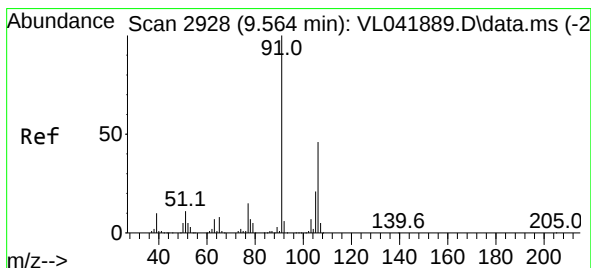
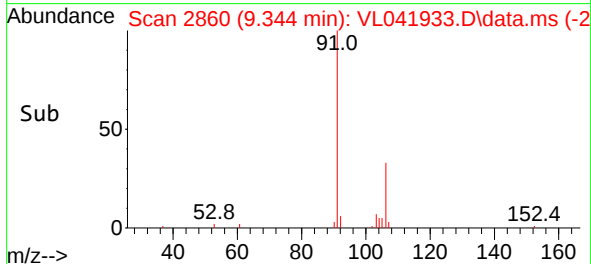
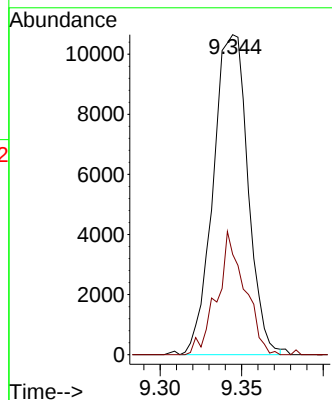
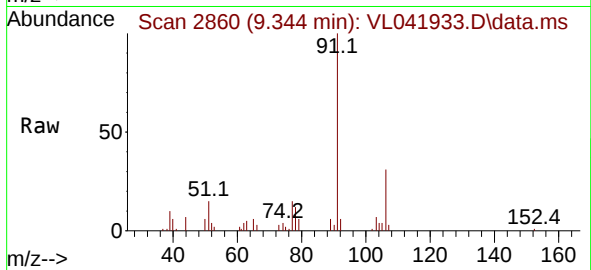




#58
Ethyl Benzene
Concen: 0.308 ppbv
RT: 9.344 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

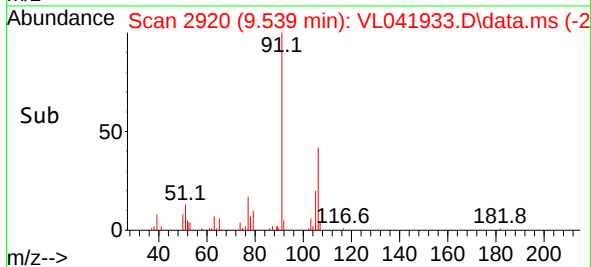
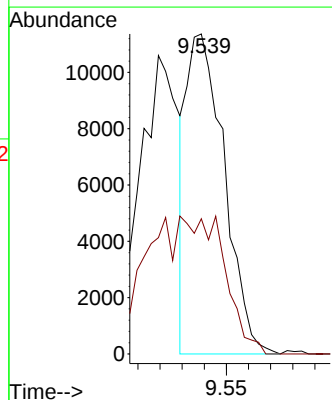
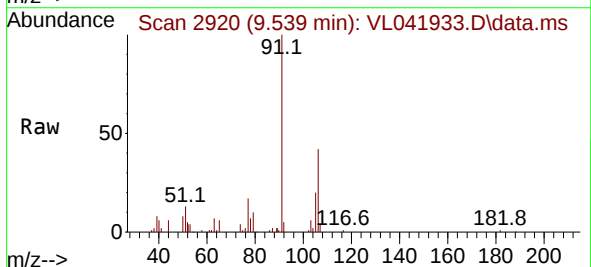
Instrument :
MSVOA_L
ClientSampleId :

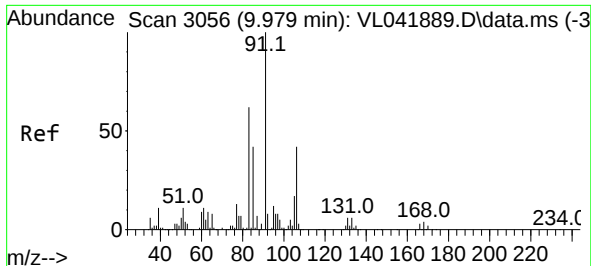
Tgt Ion: 91 Resp: 15758
Ion Ratio Lower Upper
91 100
106 31.4 23.1 34.7



#59
m/p-Xylene
Concen: 0.329 ppbv
RT: 9.539 min Scan# 2920
Delta R.T. -0.026 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 91 Resp: 13483
Ion Ratio Lower Upper
91 100
106 89.7 36.0 54.0#

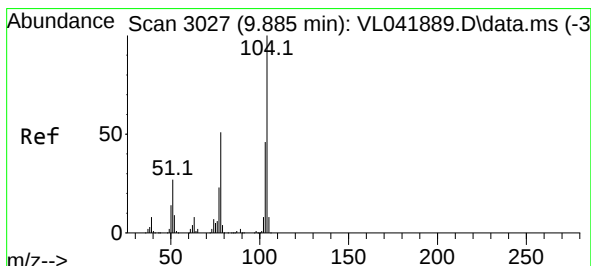
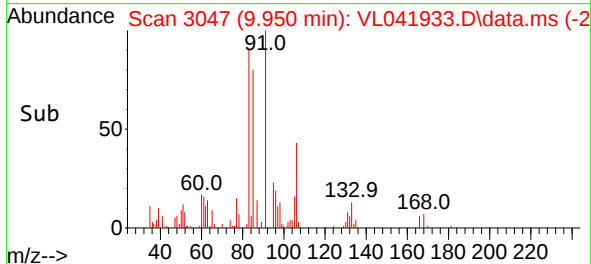
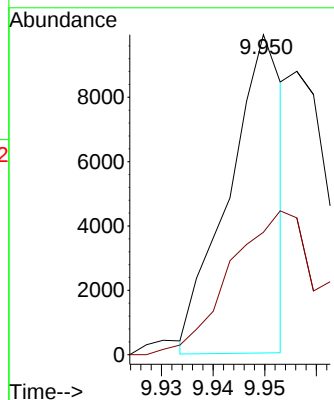
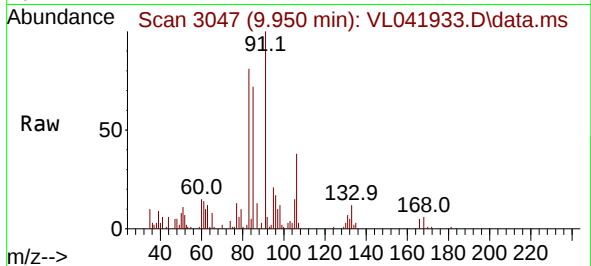




#60
o-Xylene
Concen: 0.176 ppbv
RT: 9.950 min Scan# 3056
Delta R.T. -0.029 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

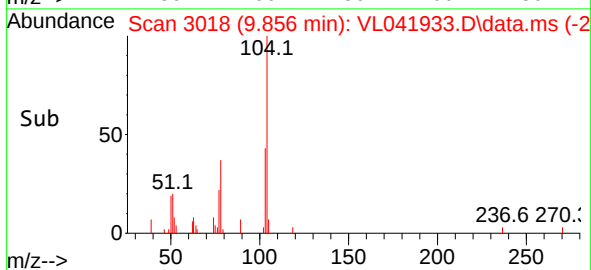
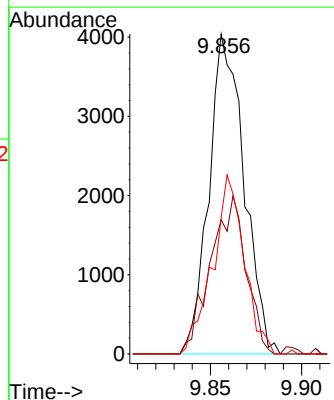
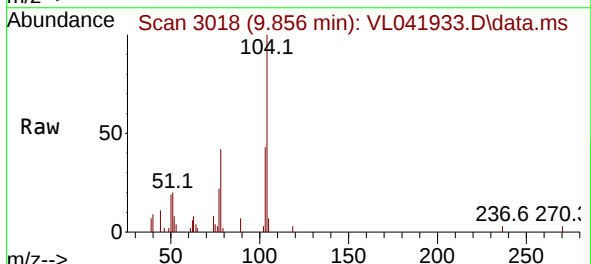
Instrument :
MSVOA_L
ClientSampleId :

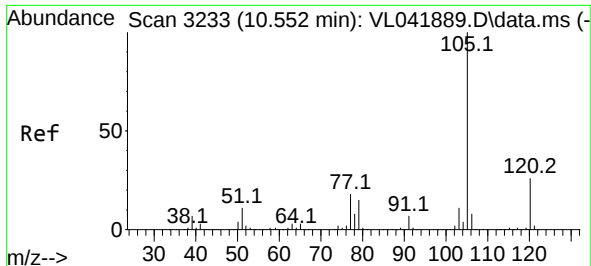
Tgt Ion: 91 Resp: 7172
Ion Ratio Lower Upper
91 100
106 0.0 21.3 63.9#



#61
Styrene
Concen: 0.296 ppbv
RT: 9.856 min Scan# 3018
Delta R.T. -0.029 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion:104 Resp: 5402
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 50.7 37.2 55.8

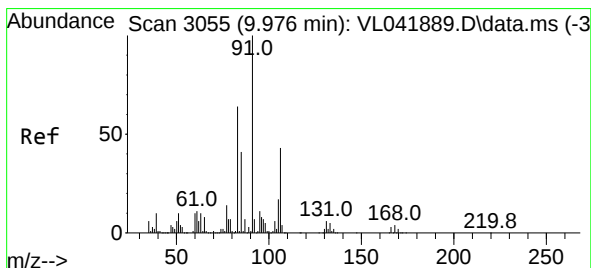
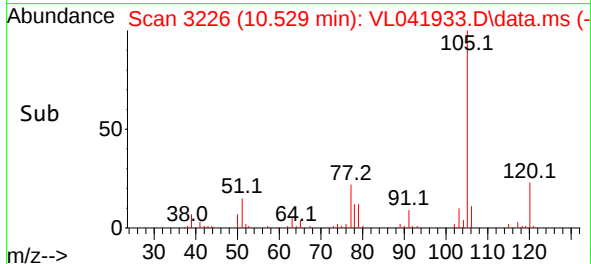
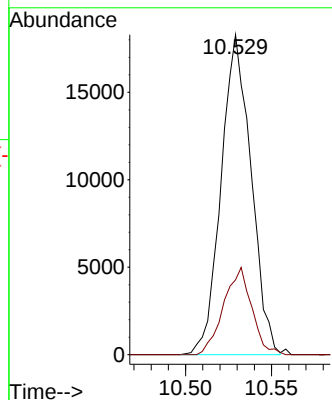
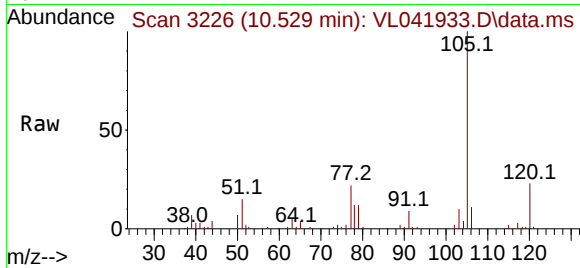




#62
Isopropylbenzene
Concen: 0.352 ppbv
RT: 10.529 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

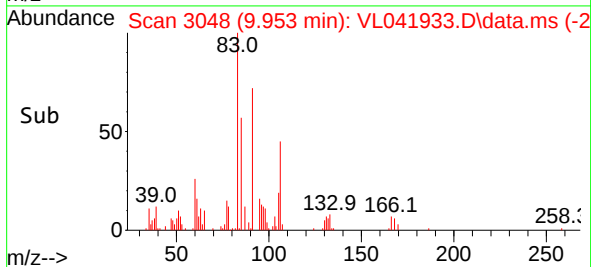
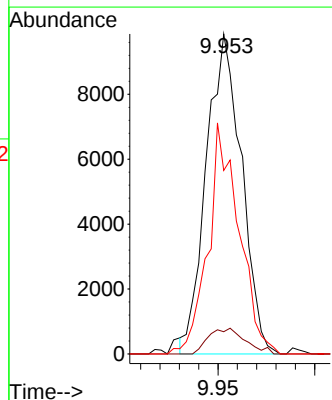
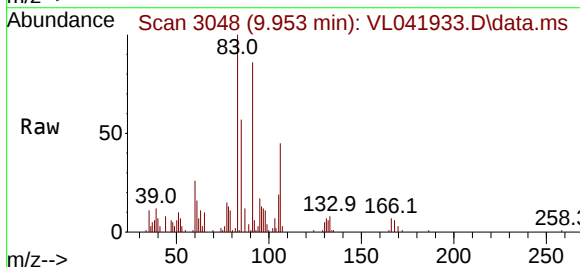
Instrument :
MSVOA_L
ClientSampleId :

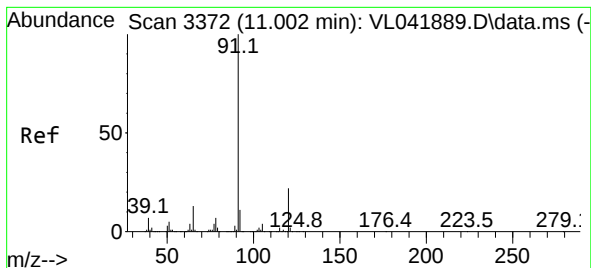
Tgt Ion:105 Resp: 22156
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5



#63
1,1,2,2-Tetrachloroethane
Concen: 0.479 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. -0.023 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 83 Resp: 12465
Ion Ratio Lower Upper
83 100
131 8.4 4.8 14.4
85 63.2 32.4 97.2





#64

n-propylbenzene

Concen: 0.326 ppbv

RT: 10.979 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

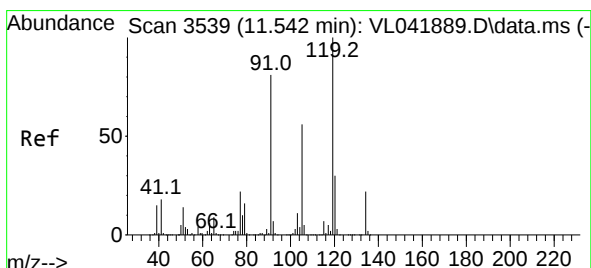
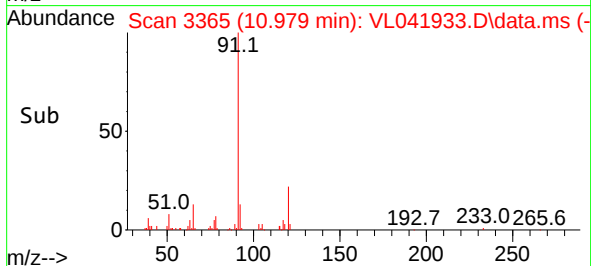
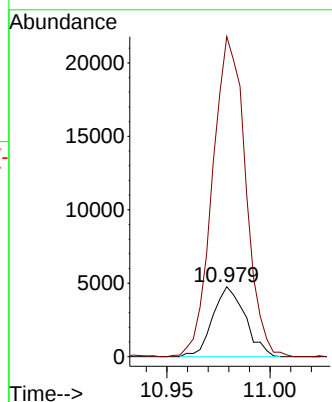
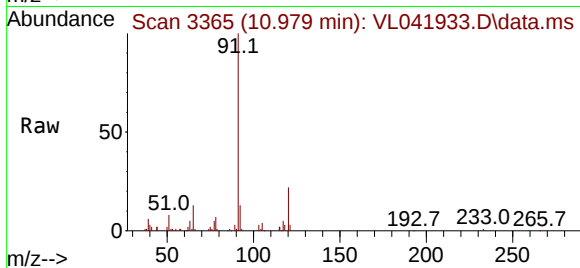
ClientSampleId :

Tgt Ion:120 Resp: 5193

Ion Ratio Lower Upper

120 100

91 468.3 374.1 561.1



#65

tert-Butylbenzene

Concen: 0.296 ppbv

RT: 11.523 min Scan# 3533

Delta R.T. -0.019 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

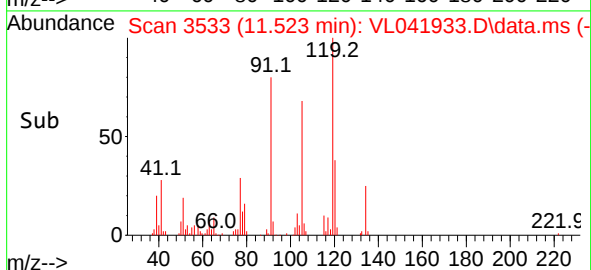
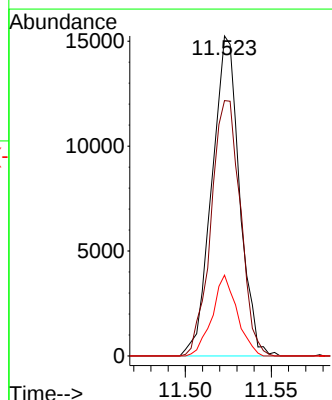
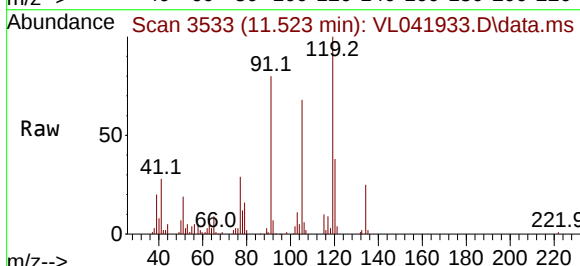
Tgt Ion:119 Resp: 17019

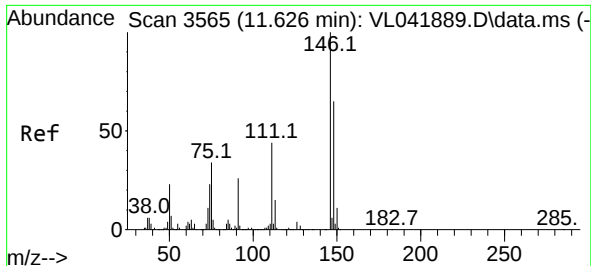
Ion Ratio Lower Upper

119 100

91 84.8 64.6 97.0

134 22.8 16.8 25.2

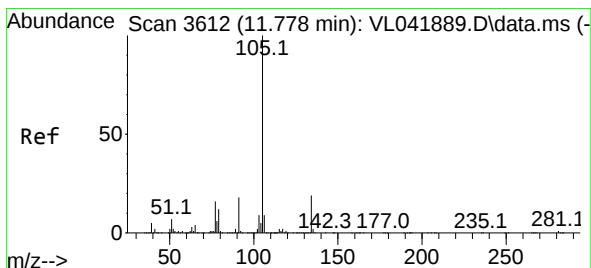
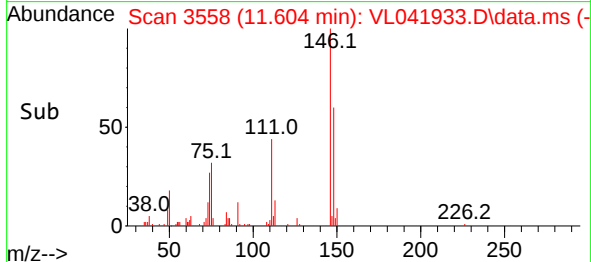
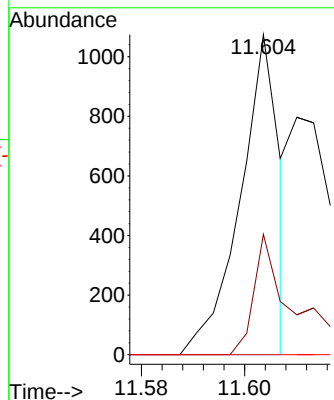
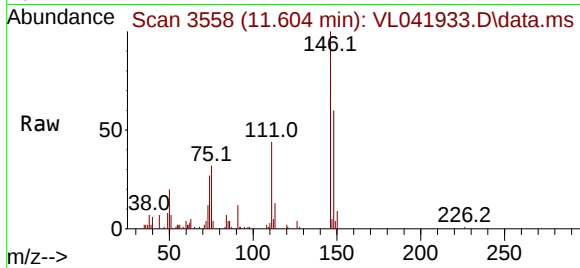




#66
Benzyl Chloride
Concen: 0.160 ppbv
RT: 11.604 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

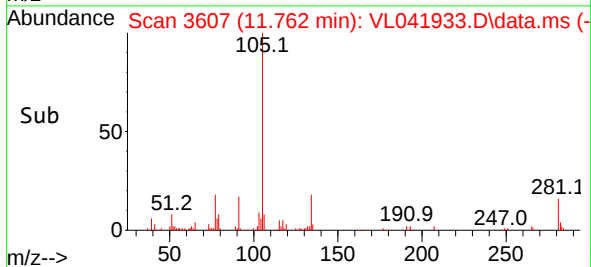
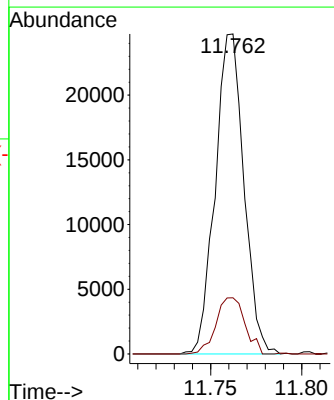
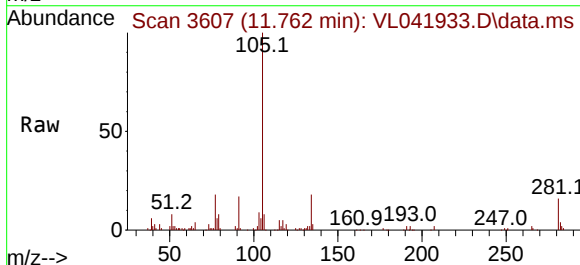
Instrument :
MSVOA_L
ClientSampleId :

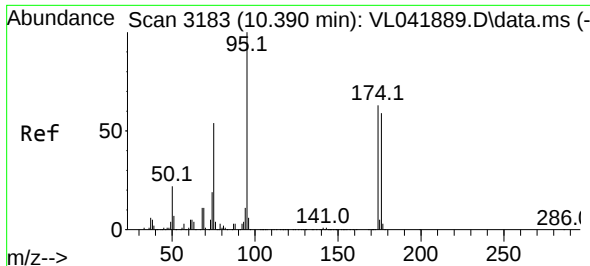
Tgt Ion: 91 Resp: 569
Ion Ratio Lower Upper
91 100
126 38.3 14.1 21.1#
128 0.0 4.3 6.5#



#67
sec-Butylbenzene
Concen: 0.342 ppbv
RT: 11.762 min Scan# 3607
Delta R.T. -0.016 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 105 Resp: 27031
Ion Ratio Lower Upper
105 100
134 17.8 15.1 22.7

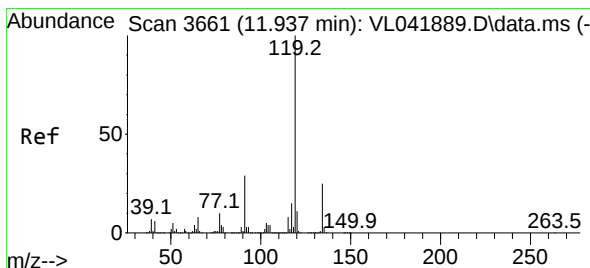
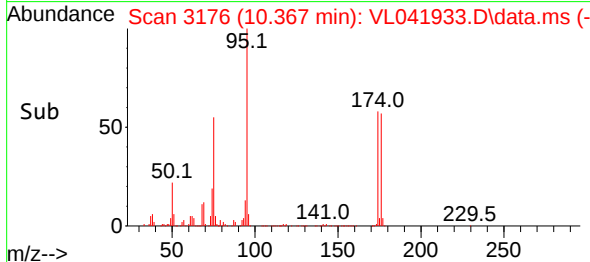
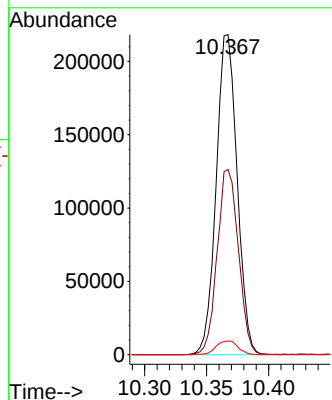
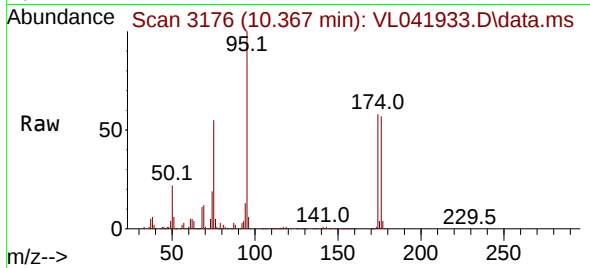




#68
1-Bromo-4-Fluorobenzene
Concen: 9.967 ppbv
RT: 10.367 min Scan# 3183
Delta R.T. -0.023 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

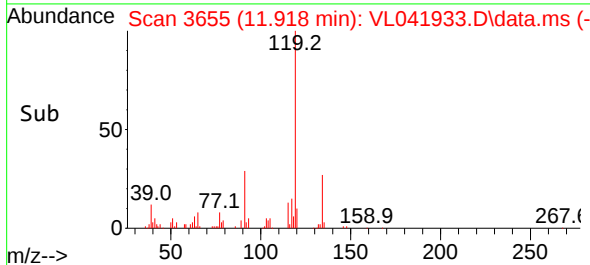
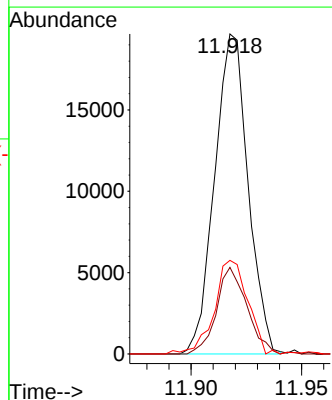
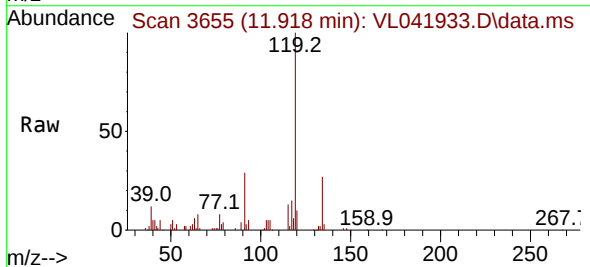
Instrument :
MSVOA_L
ClientSampleId :

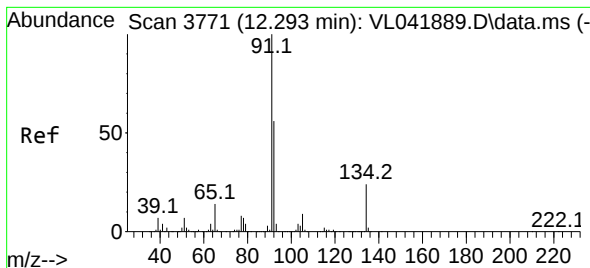
Tgt Ion: 95 Resp: 257179
Ion Ratio Lower Upper
95 100
174 58.9 49.0 73.4
175 4.5 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.318 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. -0.019 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion: 119 Resp: 20686
Ion Ratio Lower Upper
119 100
134 24.8 19.8 29.6
91 29.7 23.0 34.4





#70

n-Butylbenzene

Concen: 0.314 ppbv

RT: 12.277 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

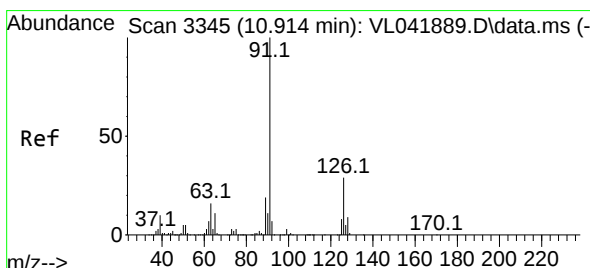
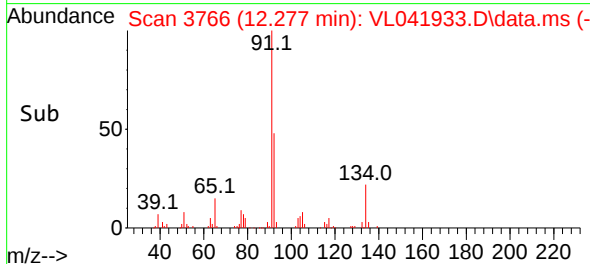
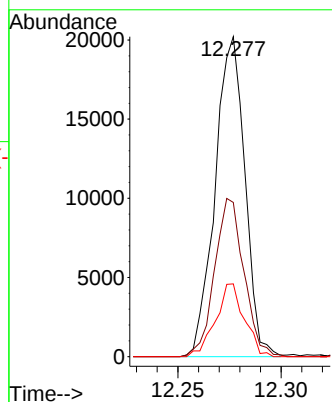
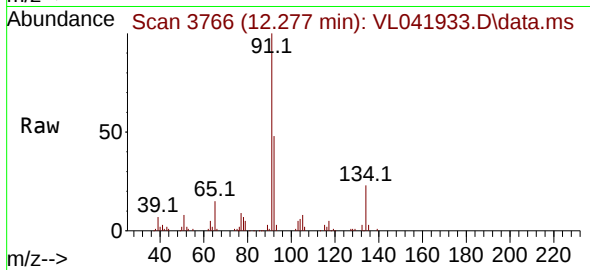
Tgt Ion: 91 Resp: 20287

Ion Ratio Lower Upper

91 100

92 48.7 43.8 65.6

134 22.0 19.0 28.6



#71

2-Chlorotoluene

Concen: 0.334 ppbv

RT: 10.892 min Scan# 3338

Delta R.T. -0.023 min

Lab File: VL041933.D

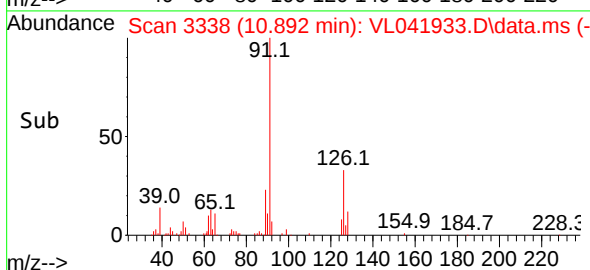
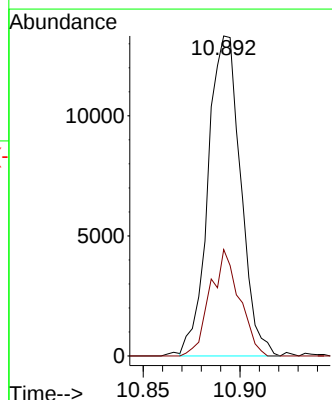
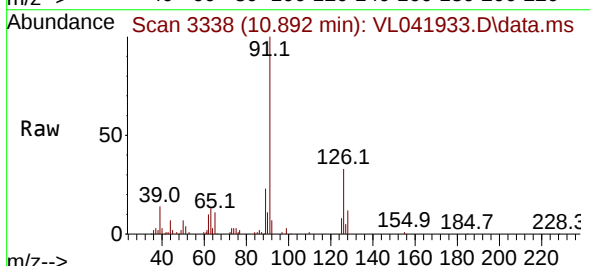
Acq: 20 Jan 2025 23:00

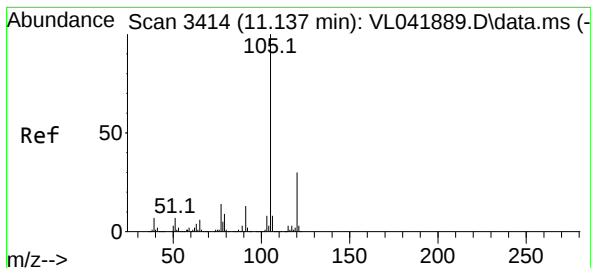
Tgt Ion: 91 Resp: 15579

Ion Ratio Lower Upper

91 100

126 29.9 11.7 46.7





#72

4-Ethyltoluene

Concen: 0.304 ppbv

RT: 11.115 min Scan# 3414

Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 14809

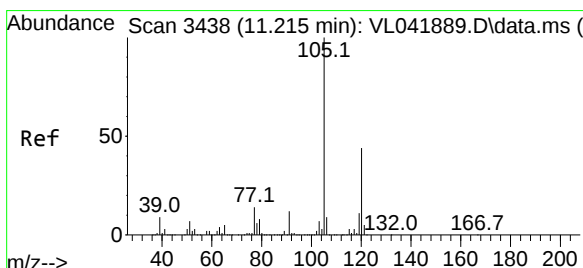
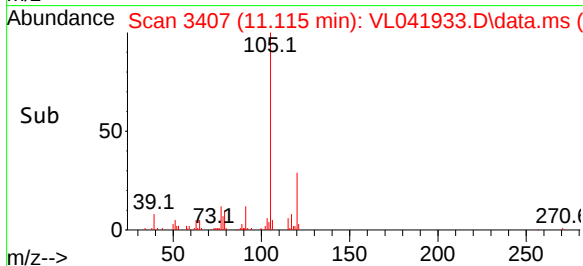
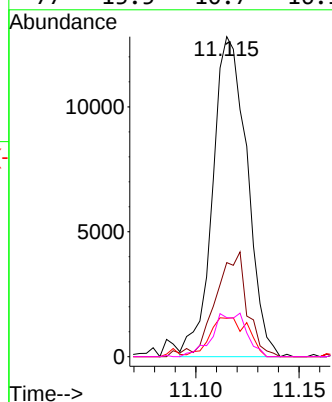
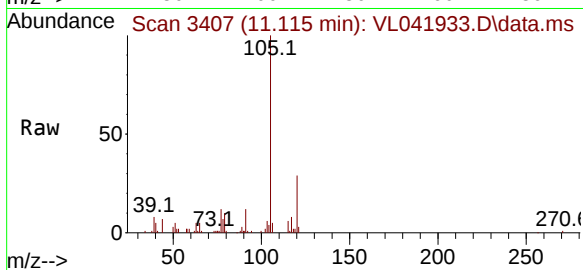
Ion Ratio Lower Upper

105 100

120 30.3 23.7 35.5

91 14.2 10.2 15.2

77 13.5 10.7 16.1



#73

1,3,5-Trimethylbenzene

Concen: 0.326 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. -0.019 min

Lab File: VL041933.D

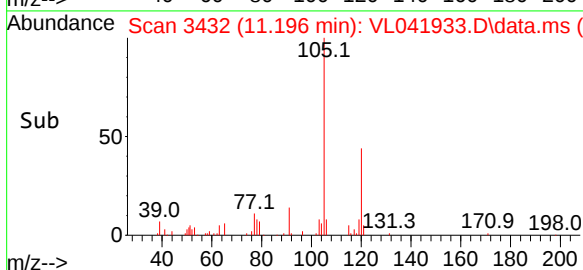
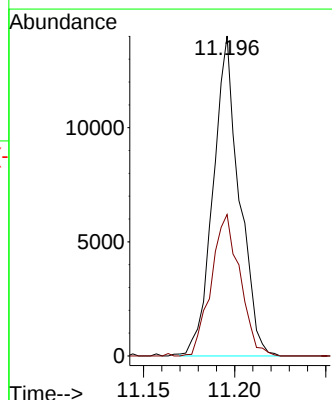
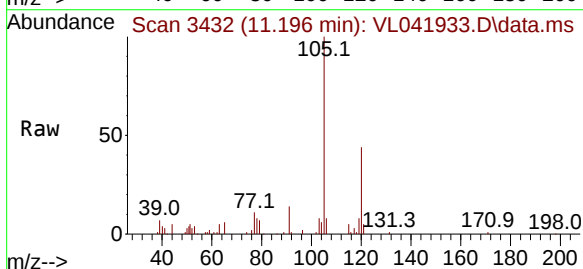
Acq: 20 Jan 2025 23:00

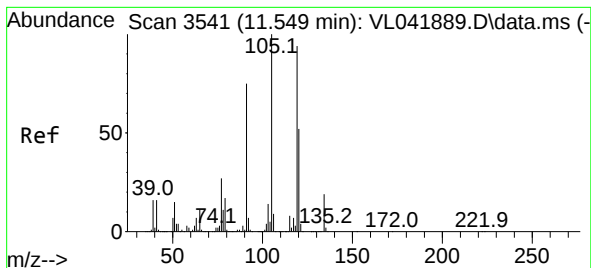
Tgt Ion:105 Resp: 14023

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.2





#74

1,2,4-Trimethylbenzene

Concen: 0.334 ppbv

RT: 11.526 min Scan# 3556

Delta R.T. -0.023 min

Lab File: VL041933.D

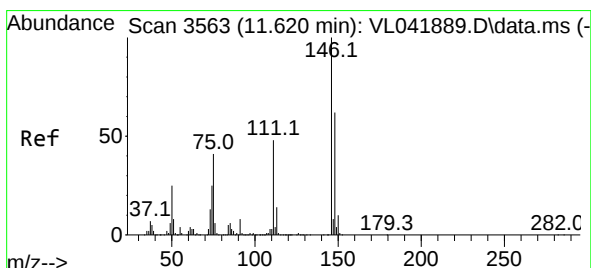
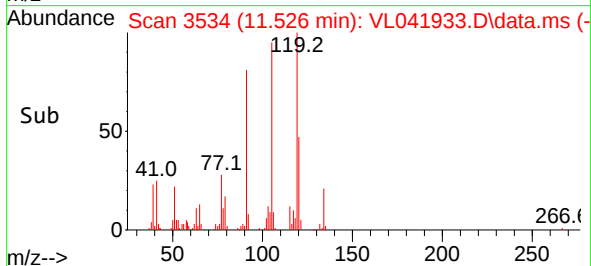
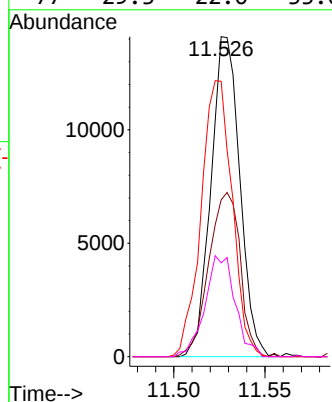
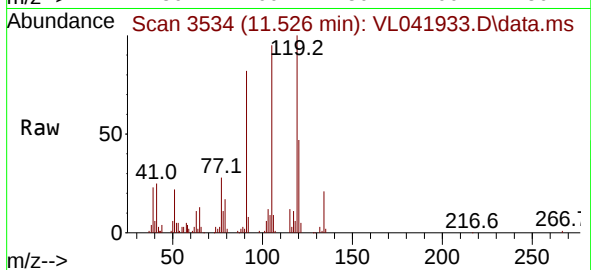
Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105	Resp:	15550
Ion Ratio	Lower	Upper
105	100	
120	49.0	41.4 62.2
91	86.1	60.2 90.2
77	29.3	22.0 33.0



#75

1,3-Dichlorobenzene

Concen: 0.452 ppbv

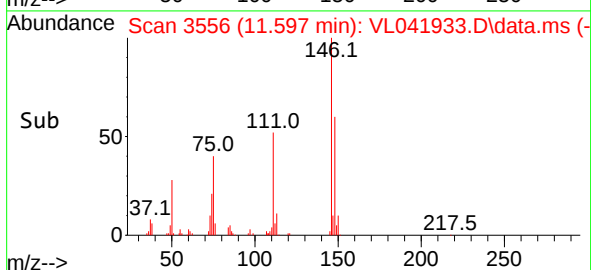
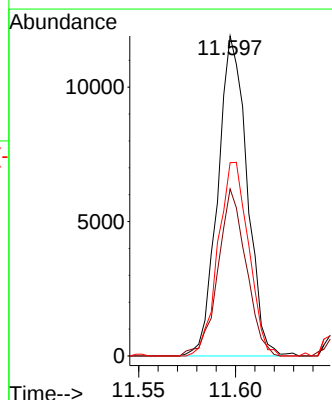
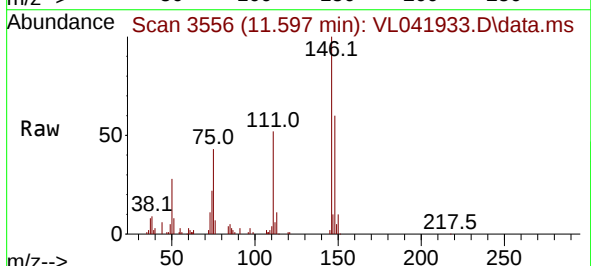
RT: 11.597 min Scan# 3556

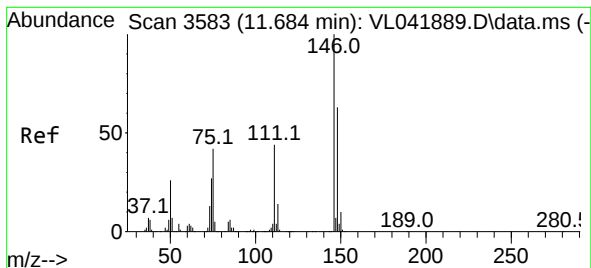
Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Tgt Ion:146	Resp:	12480
Ion Ratio	Lower	Upper
146	100	
111	50.2	23.6 70.8
148	63.2	31.4 94.0





#76

1,4-Dichlorobenzene

Concen: 0.405 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. -0.023 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

Instrument :

MSVOA_L

ClientSampleId :

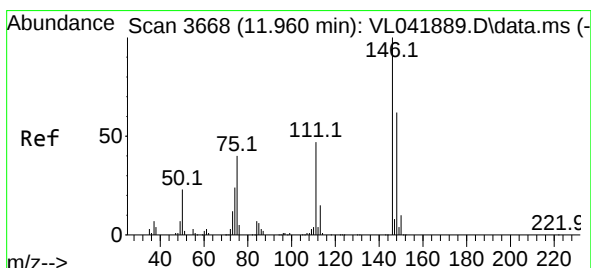
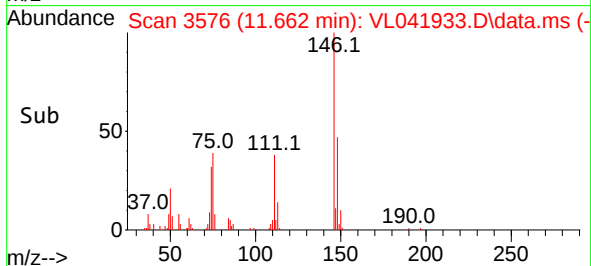
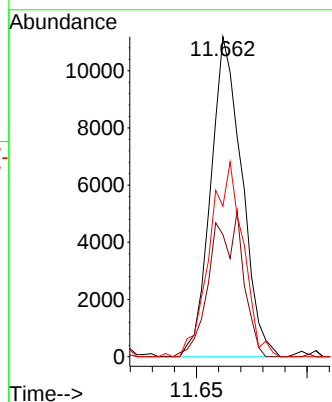
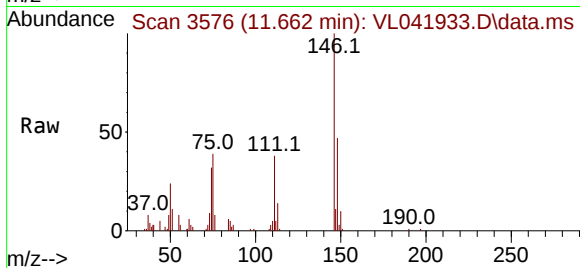
Tgt Ion:146 Resp: 10947

Ion Ratio Lower Upper

146 100

111 47.1 22.4 67.0

148 65.0 31.9 95.5



#77

1,2-Dichlorobenzene

Concen: 0.485 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. -0.019 min

Lab File: VL041933.D

Acq: 20 Jan 2025 23:00

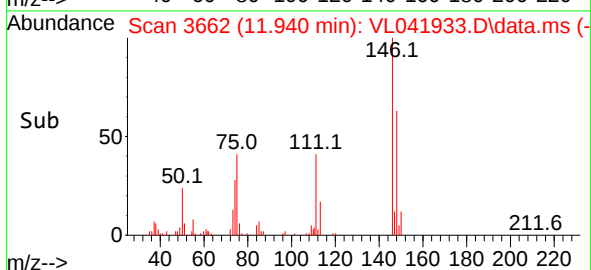
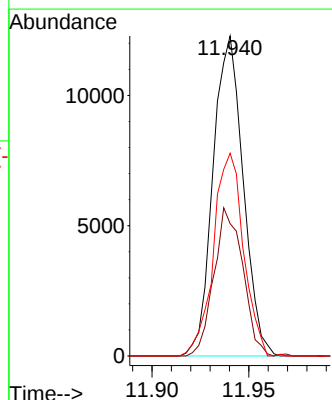
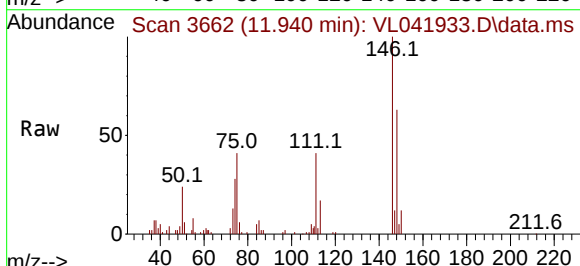
Tgt Ion:146 Resp: 13285

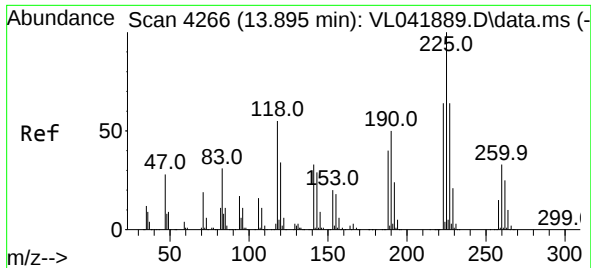
Ion Ratio Lower Upper

146 100

111 44.4 24.2 72.6

148 63.2 31.7 95.1

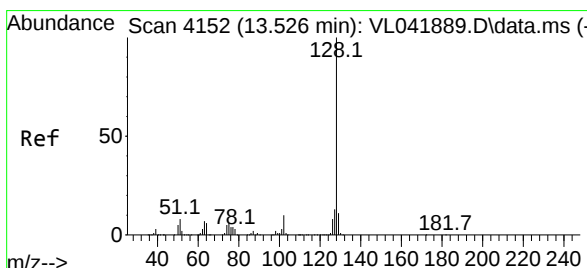
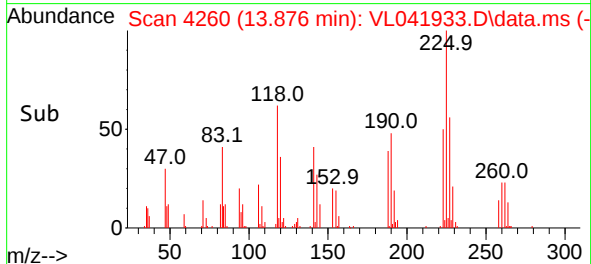
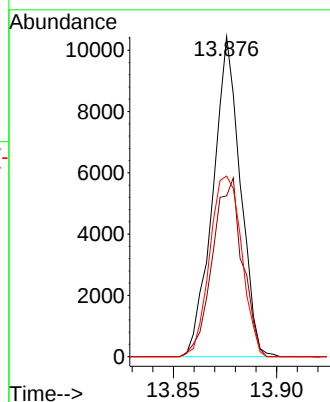
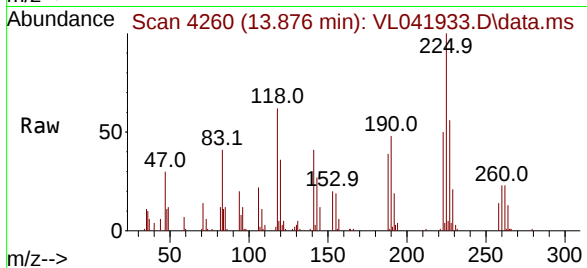




#78
Hexachloro-1,3-Butadiene
Concen: 0.430 ppbv
RT: 13.876 min Scan# 4145
Delta R.T. -0.019 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

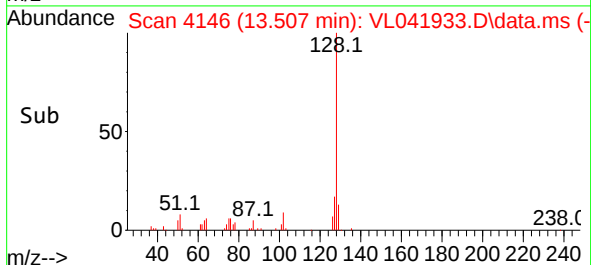
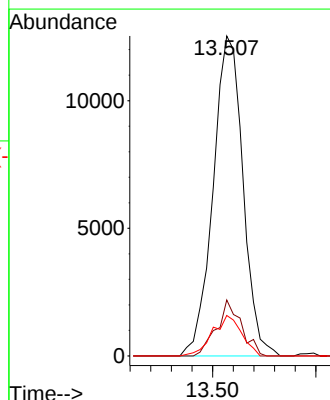
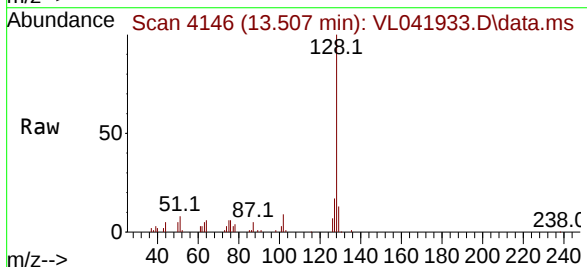
Instrument :
MSVOA_L
ClientSampleId :

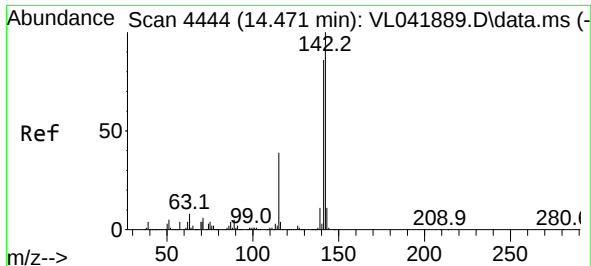
Tgt Ion:225	Resp:	9664
Ion Ratio	Lower	Upper
225	100	
223	60.8	50.8 76.2
227	65.5	50.3 75.5



#79
Naphthalene
Concen: 0.268 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. -0.019 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion:128	Resp:	12592
Ion Ratio	Lower	Upper
128	100	
127	17.5	10.2 15.4#
129	12.7	9.1 13.7

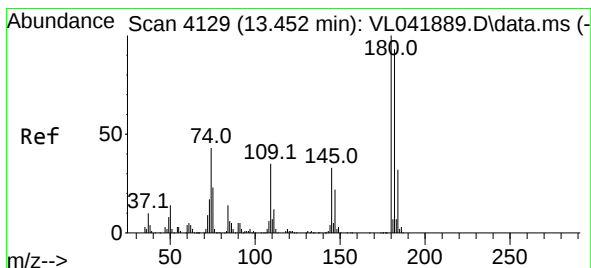
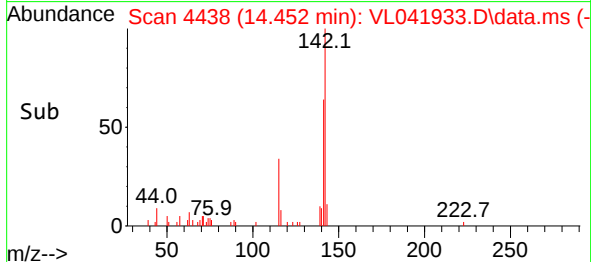
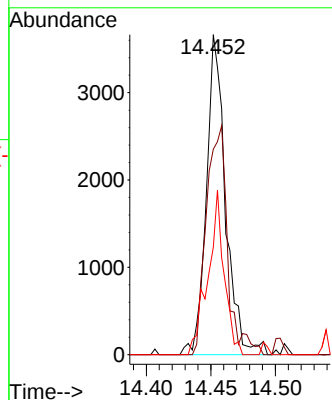
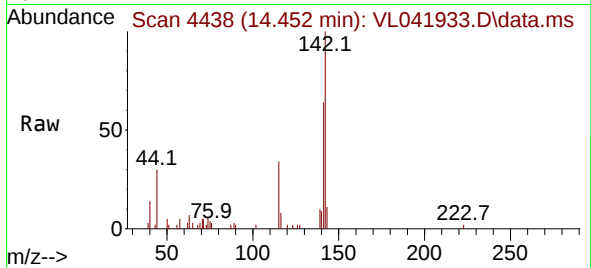




#80
Naphthalene,2-methyl-
Concen: 0.171 ppbv
RT: 14.452 min Scan# 4444
Delta R.T. -0.019 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 3806
Ion Ratio Lower Upper
142 100
141 79.0 68.1 102.1
115 43.4 31.7 47.5



#81
1,2,4-Trichlorobenzene
Concen: 0.340 ppbv
RT: 13.432 min Scan# 4123
Delta R.T. -0.019 min
Lab File: VL041933.D
Acq: 20 Jan 2025 23:00

Tgt Ion:180 Resp: 7796
Ion Ratio Lower Upper
180 100
182 98.8 77.0 115.6
184 32.9 24.9 37.3

