

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041883.D
 Acq On : 10 Jan 2025 00:17
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 03:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	118776	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	347958	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	307447	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	251243	10.191	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	1326	0.068	ppbv #	88
3) Chlorodifluoromethane	1.479	51	1256	0.059	ppbv #	86
4) Chloromethane	1.538	50	487	0.064	ppbv #	63
5) Vinyl Chloride	1.586	62	297	0.037	ppbv	89
6) Bromomethane	1.673	94	326	0.086	ppbv #	33
7) Chloroethane	1.706	64	119	0.038	ppbv #	46
8) Dichlorotetrafluoroethane	1.560	85	669	0.039	ppbv #	83
9) Propene	1.486	41	929	0.093	ppbv #	40
10) Heptane	4.997	43	344	0.013	ppbv #	1
11) Trichlorofluoromethane	1.560	101	186	0.009	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.152	101	205	0.013	ppbv #	12
13) Ethanol	1.894	45	2046	3.223	ppbv #	29
14) Bromoethene	1.787	108	298	0.051	ppbv #	38
15) Acetone	1.842	43	3737	0.187	ppbv	94
16) 1,3-Butadiene	1.615	39	282	0.033	ppbv #	1
17) tert-Butyl alcohol	2.055	59	1038	0.046	ppbv #	62
18) 1,1-Dichloroethene	2.039	96	275	0.037	ppbv #	74
19) Isopropyl Alcohol	1.894	45	2046	0.194	ppbv #	83
20) Methylene Chloride	2.068	84	1598	0.234	ppbv #	90
21) Allyl Chloride	2.104	41	1098	0.086	ppbv #	45
22) trans-1,2-Dichloroethene	2.347	96	219	0.026	ppbv #	34
23) Vinyl Acetate	2.483	43	330	0.033	ppbv #	65
24) 1,1-Dichloroethane	2.421	63	643	0.040	ppbv #	88
25) Ethyl Acetate	2.852	43	1334	0.027	ppbv #	77
26) Hexane	2.835	57	810	0.040	ppbv #	1
27) Carbon Disulfide	2.156	76	746	0.038	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	413	0.026	ppbv #	1
29) Chloroform	2.848	83	296	0.010	ppbv	92
30) Cyclohexane	3.878	84	207	0.012	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	685	0.034	ppbv #	67
32) 1,1,1-Trichloroethane	3.382	97	963	0.034	ppbv	86
34) 2-Butanone	2.573	43	1581	0.055	ppbv	92
35) Carbon Tetrachloride	3.777	117	421	0.016	ppbv #	51
36) Benzene	3.667	78	1801	0.045	ppbv #	82
37) 1,2-Dichloroethane	3.230	62	869	0.041	ppbv #	88
38) Trichloroethene	4.564	130	214	0.013	ppbv #	38
39) 1,2-Dichloropropane	3.971	63	86812	6.045	ppbv #	23
40) 1,4-Dioxane	4.645	88	175	0.024	ppbv #	17
41) Tetrahydrofuran	3.078	42	382	0.022	ppbv #	37
42) Bromodichloromethane	4.518	83	547	0.019	ppbv #	47
43) Methyl Methacrylate	4.904	69	68	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	1687	0.025	ppbv #	56
45) t-1,3-Dichloropropene	6.441	75	166	0.010	ppbv #	1

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Quant Time: Jan 10 03:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

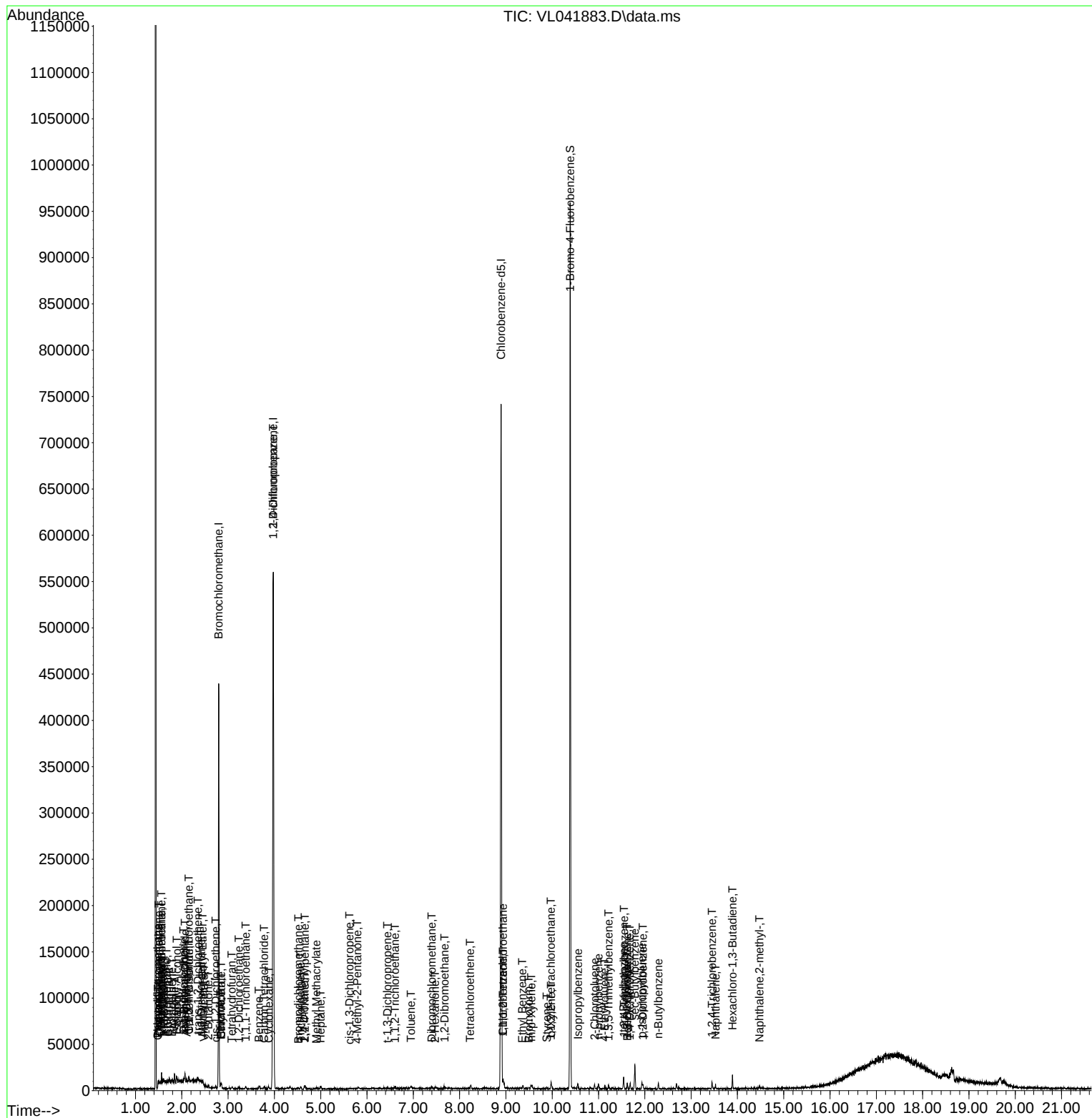
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.619	75	161	0.007	ppbv	#	63
47) 1,1,2-Trichloroethane	6.603	97	145	0.010	ppbv	#	21
48) Dibromochloromethane	7.396	129	400	0.017	ppbv	#	10
49) Bromoform	9.493	173	371	0.019	ppbv	#	71
50) 4-Methyl-2-Pentanone	5.787	43	158	0.004	ppbv	#	38
51) 2-Hexanone	7.467	43	433	0.013	ppbv	#	28
52) Tetrachloroethene	8.228	164	158	0.010	ppbv	#	26
53) Toluene	6.949	91	988	0.021	ppbv	#	11
54) 1,2-Dibromoethane	7.677	107	341	0.017	ppbv		84
56) 1,1,1,2-Tetrachloroethane	8.933	131	167	0.009	ppbv	#	8
57) Chlorobenzene	8.936	112	781	0.023	ppbv	#	62
58) Ethyl Benzene	9.354	91	419	0.007	ppbv		94
59) m/p-Xylene	9.548	91	508	0.010	ppbv	#	100
60) o-Xylene	9.975	91	1368	0.027	ppbv		86
61) Styrene	9.882	104	629	0.025	ppbv	#	76
62) Isopropylbenzene	10.555	105	2655	0.035	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.969	83	1023	0.034	ppbv	#	93
64) n-propylbenzene	11.001	120	159	0.008	ppbv	#	1
65) tert-Butylbenzene	11.542	119	2202	0.032	ppbv	#	91
66) Benzyl Chloride	11.626	91	52	0.007	ppbv	#	66
67) sec-Butylbenzene	11.781	105	3286	0.035	ppbv		98
69) p-Isopropyltoluene	11.937	119	2496	0.031	ppbv		99
70) n-Butylbenzene	12.290	91	2119	0.026	ppbv	#	93
71) 2-Chlorotoluene	10.917	91	2103	0.036	ppbv		94
72) 4-Ethyltoluene	11.131	105	1801	0.029	ppbv	#	82
73) 1,3,5-Trimethylbenzene	11.215	105	1386	0.027	ppbv	#	78
74) 1,2,4-Trimethylbenzene	11.548	105	1878	0.033	ppbv	#	82
75) 1,3-Dichlorobenzene	11.616	146	742	0.022	ppbv	#	40
76) 1,4-Dichlorobenzene	11.678	146	531	0.016	ppbv	#	24
77) 1,2-Dichlorobenzene	11.960	146	1027	0.032	ppbv		83
78) Hexachloro-1,3-Butadiene	13.892	225	1415	0.052	ppbv		93
79) Naphthalene	13.526	128	2011	0.033	ppbv	#	91
80) Naphthalene,2-methyl-	14.474	142	849	0.026	ppbv		89
81) 1,2,4-Trichlorobenzene	13.448	180	825	0.029	ppbv	#	64

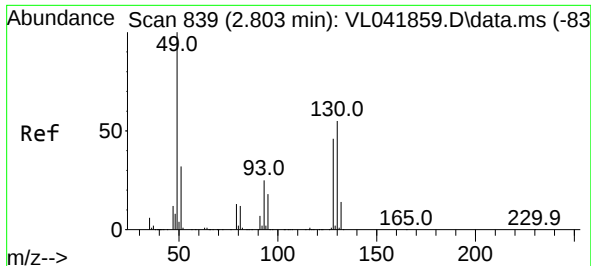
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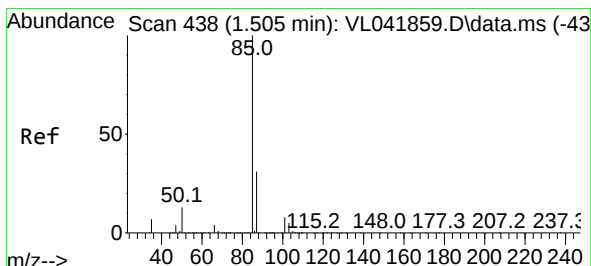
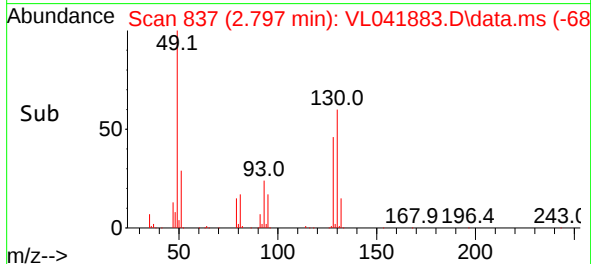
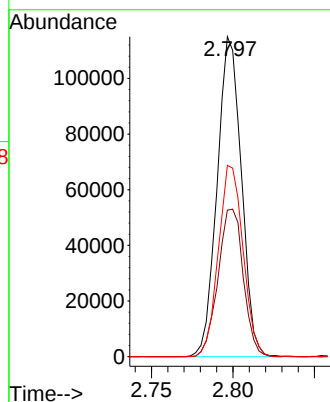
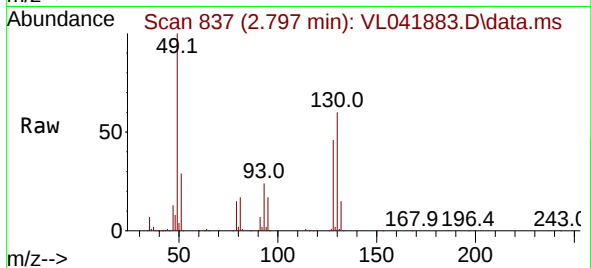




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

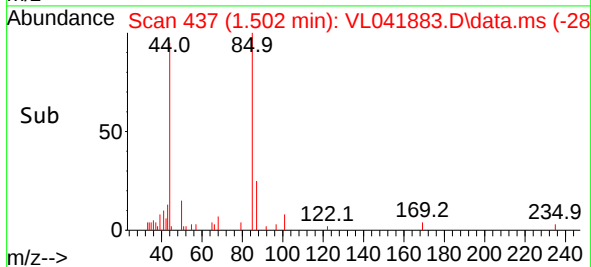
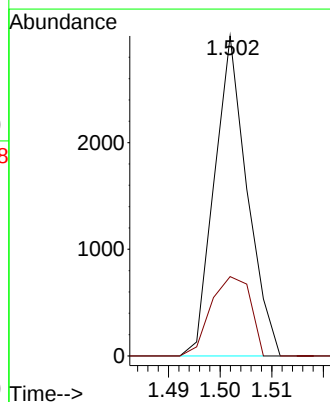
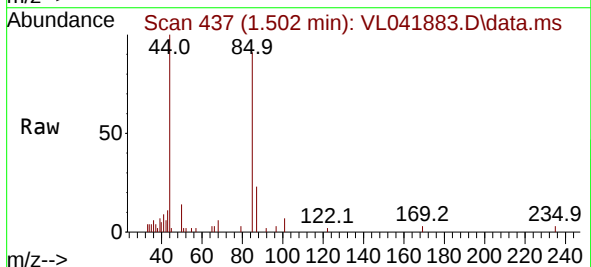
Instrument :
MSVOA_L
ClientSampleId :

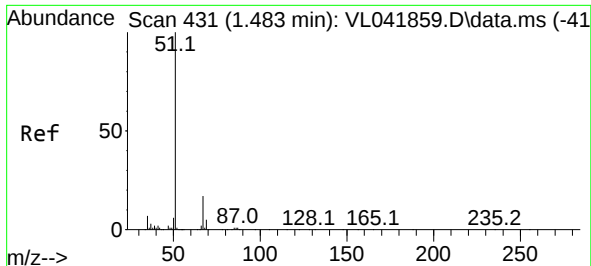
Tgt Ion: 49 Resp: 118776
Ion Ratio Lower Upper
49 100
128 48.1 23.2 69.5
130 60.9 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 85 Resp: 1326
Ion Ratio Lower Upper
85 100
87 24.8 25.2 37.8#

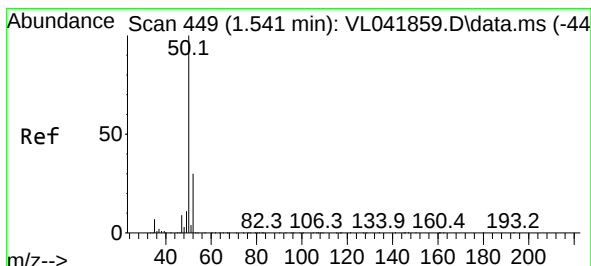
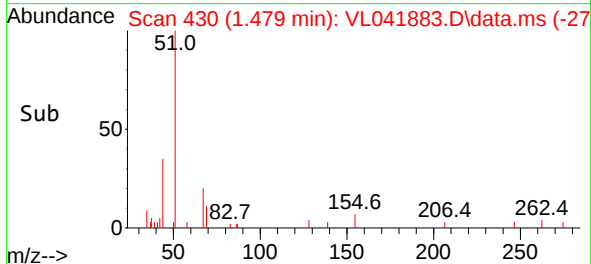
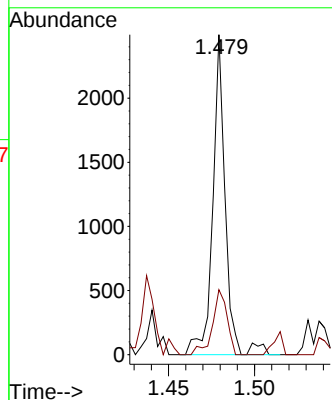
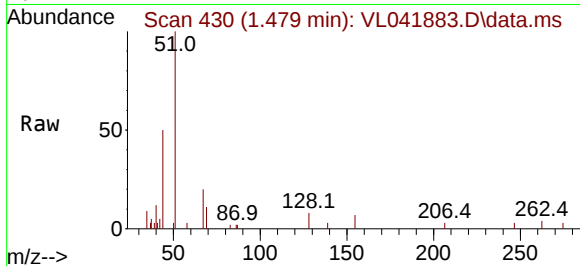




#3
Chlorodifluoromethane
Concen: 0.059 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

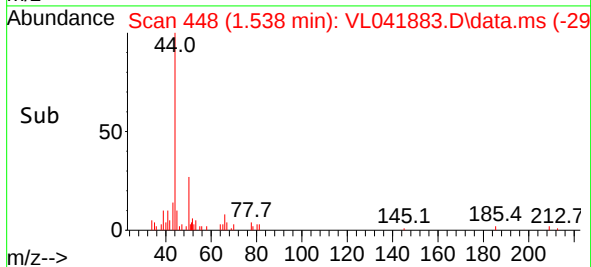
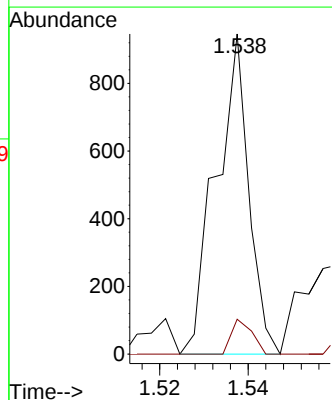
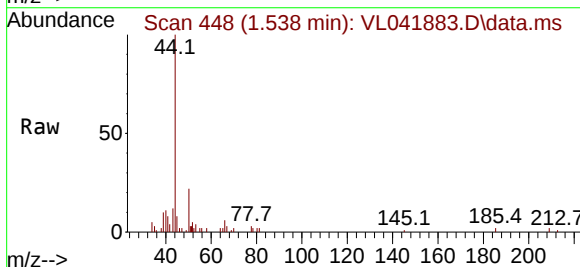
Instrument :
MSVOA_L
ClientSampleId :

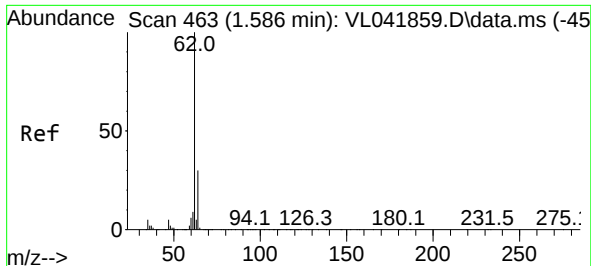
Tgt Ion: 51 Resp: 1256
Ion Ratio Lower Upper
51 100
67 23.6 13.8 20.8#



#4
Chloromethane
Concen: 0.064 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 9.7 23.9 35.9#

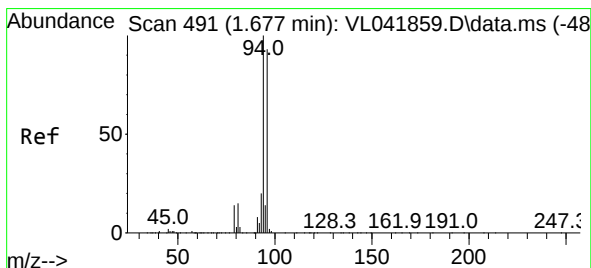
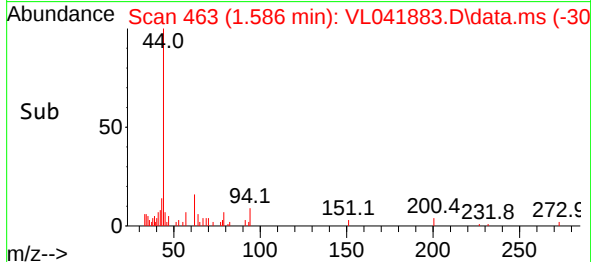
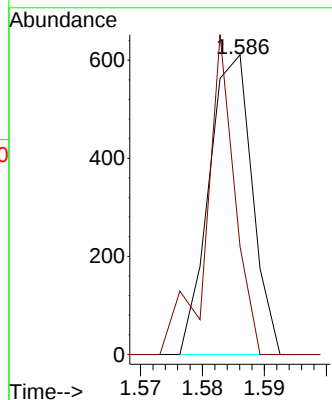
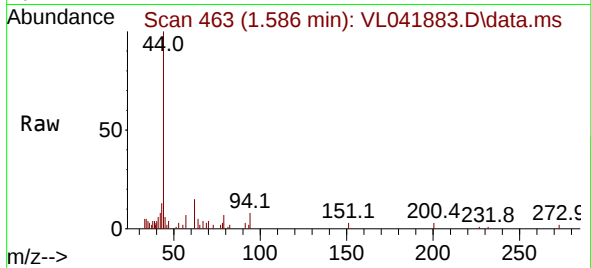




#5
 Vinyl Chloride
 Concen: 0.037 ppbv
 RT: 1.586 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

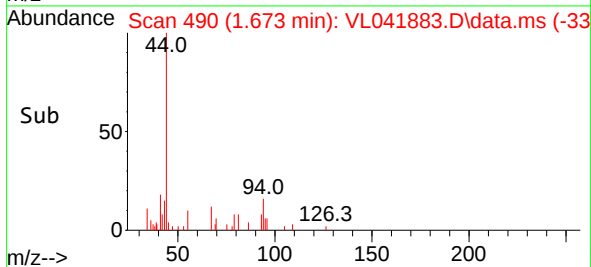
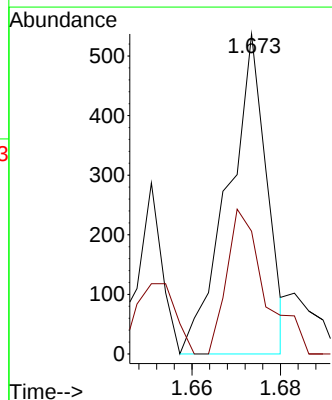
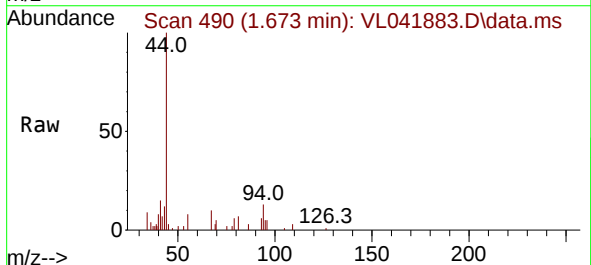
Instrument :
 MSVOA_L
 ClientSampleId :

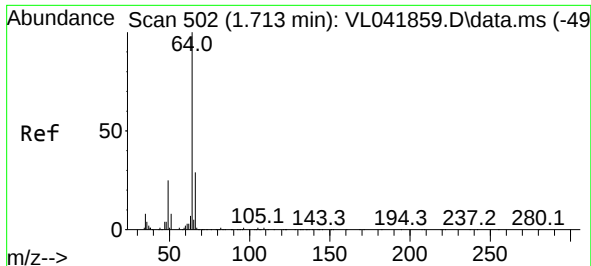
Tgt Ion: 62 Resp: 297
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.1 36.1



#6
 Bromomethane
 Concen: 0.086 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 94 Resp: 326
 Ion Ratio Lower Upper
 94 100
 96 28.9 74.8 112.2#

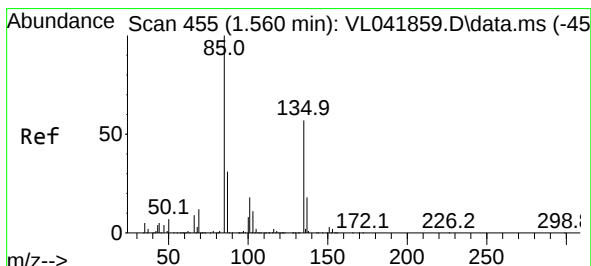
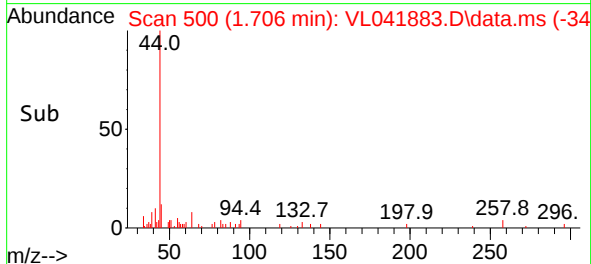
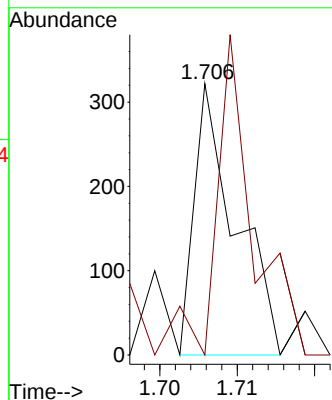
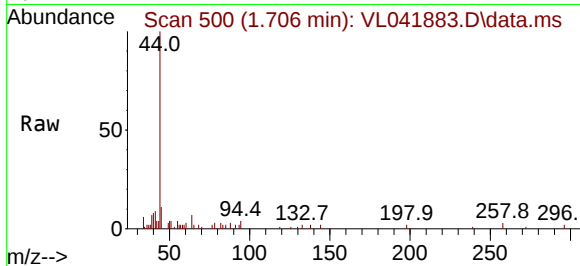




#7
Chloroethane
Concen: 0.038 ppbv
RT: 1.706 min Scan# 502
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

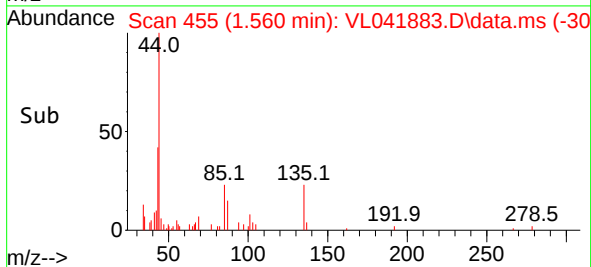
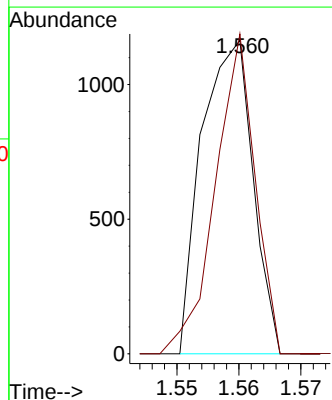
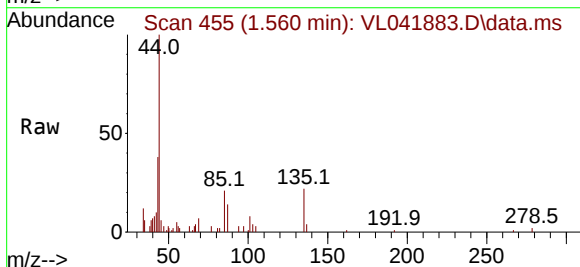
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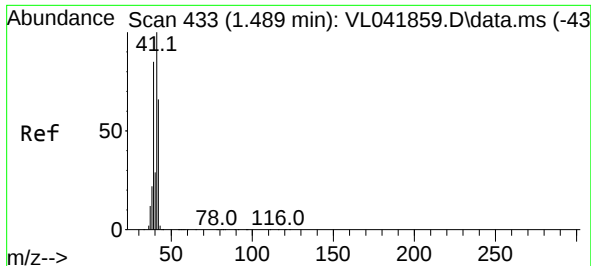
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.039 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 85 Resp: 669
Ion Ratio Lower Upper
85 100
135 79.1 52.2 78.4#





#9

Propene

Concen: 0.093 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

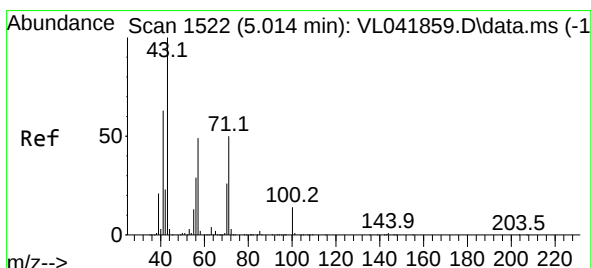
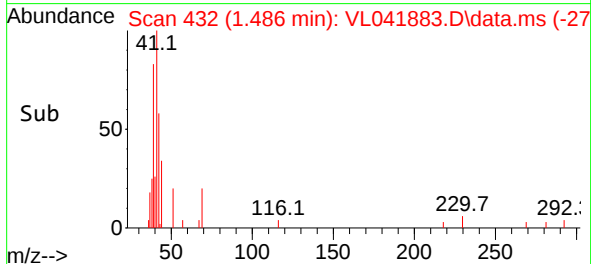
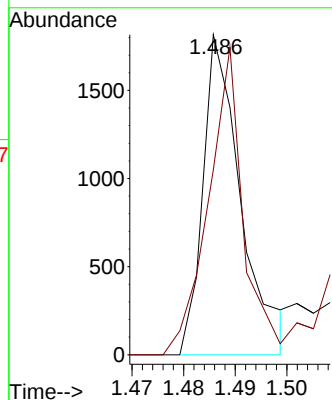
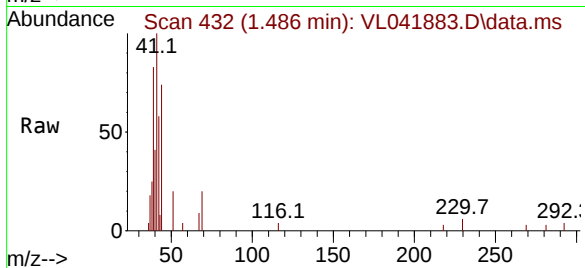
ClientSampleId :

Tgt Ion: 41 Resp: 929

Ion Ratio Lower Upper

41 100

42 114.3 53.0 79.6#



#10

Heptane

Concen: 0.013 ppbv

RT: 4.997 min Scan# 1517

Delta R.T. -0.016 min

Lab File: VL041883.D

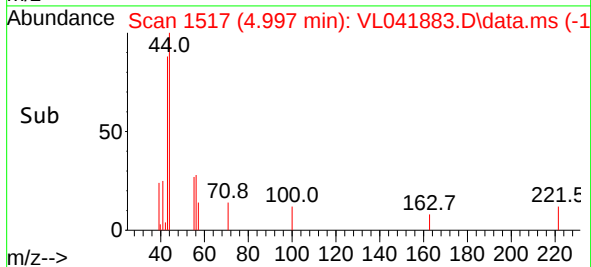
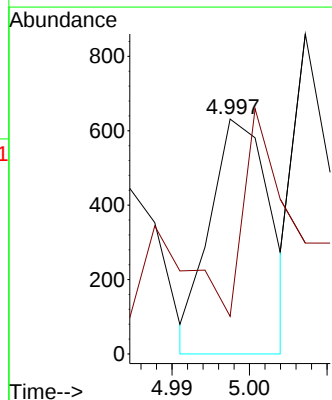
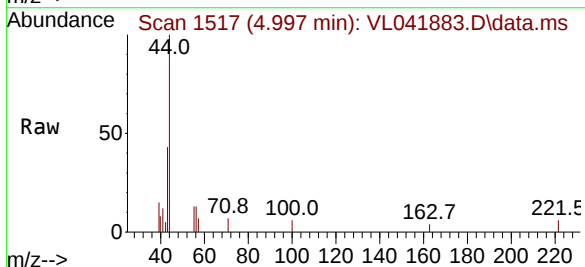
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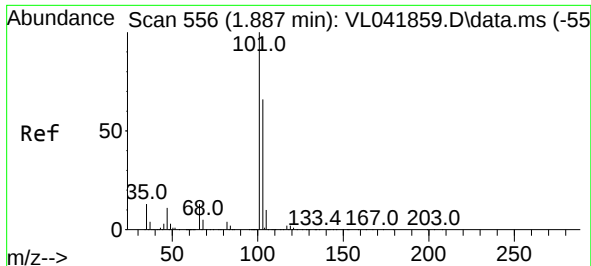
Tgt Ion: 43 Resp: 344

Ion Ratio Lower Upper

43 100

57 186.3 40.2 60.2#

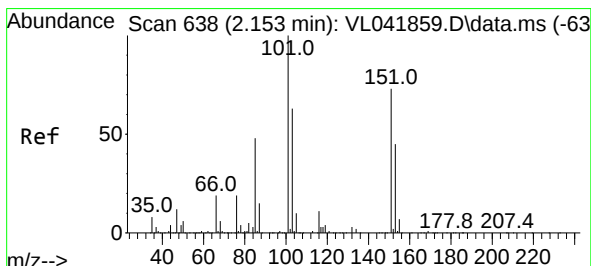
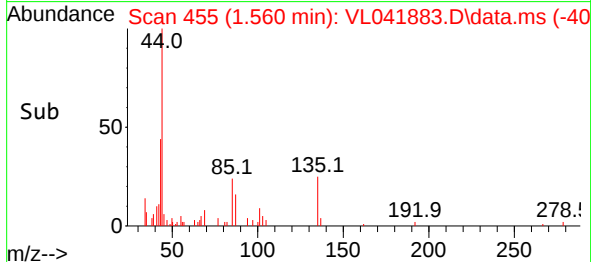
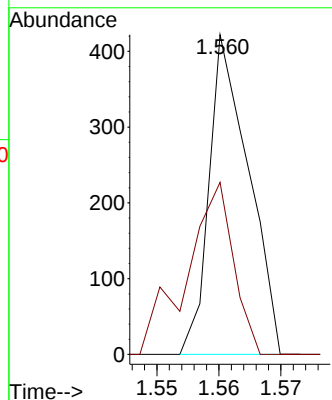
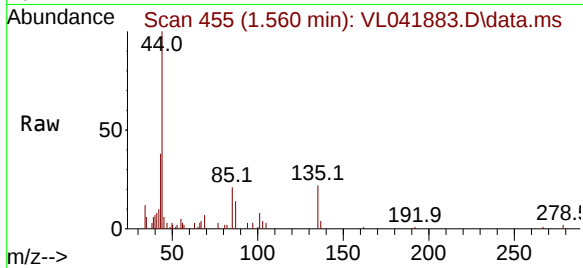




#11
 Trichlorofluoromethane
 Concen: 0.009 ppbv
 RT: 1.560 min Scan# 411
 Delta R.T. -0.327 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

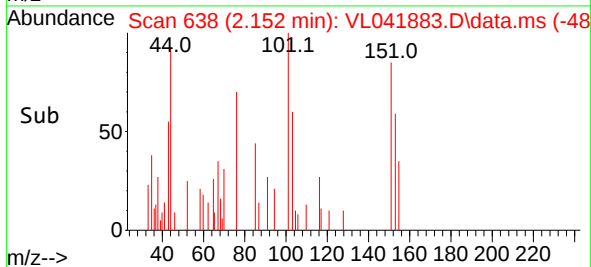
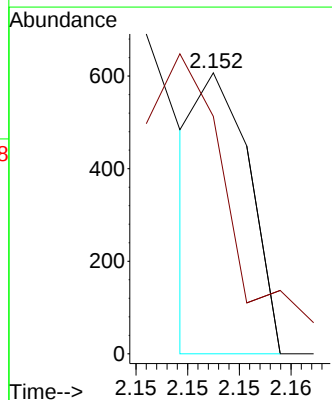
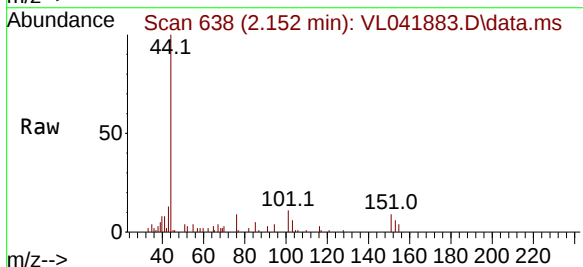
Instrument :
 MSVOA_L
 ClientSampleId :

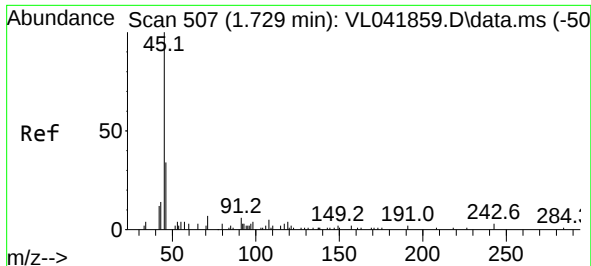
Tgt Ion:101 Resp: 186
 Ion Ratio Lower Upper
 101 100
 103 53.8 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.013 ppbv
 RT: 2.152 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion:101 Resp: 205
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#

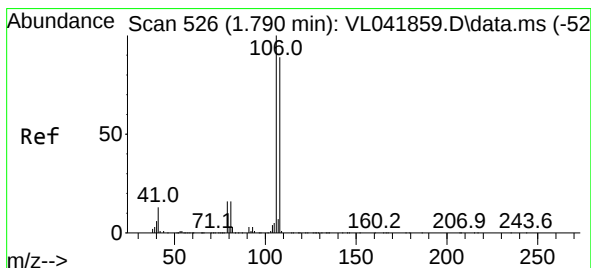
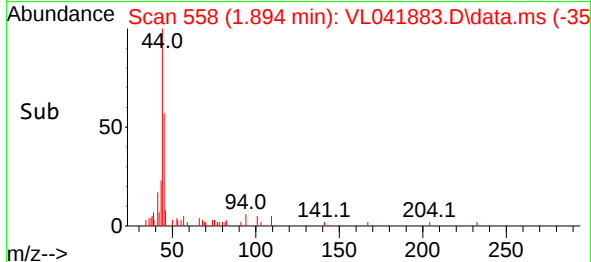
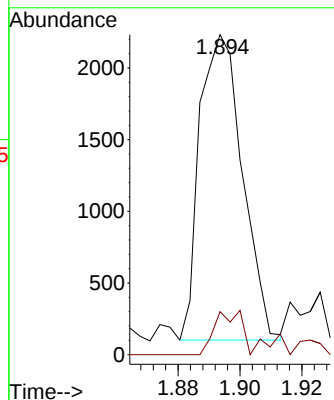
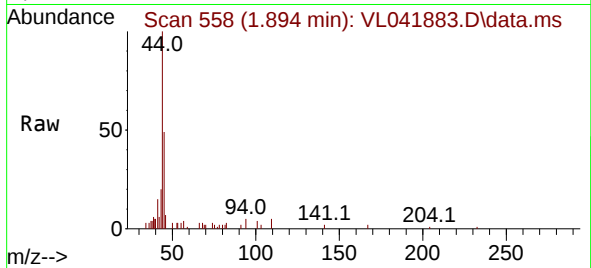




#13
Ethanol
Concen: 3.223 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.165 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

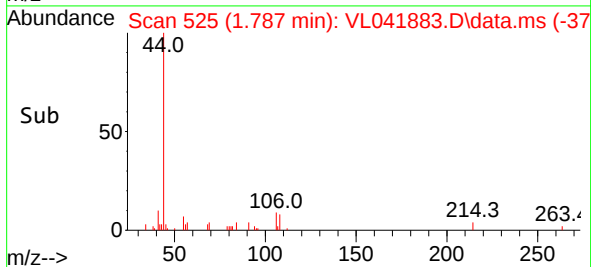
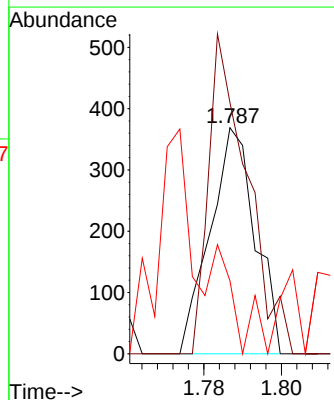
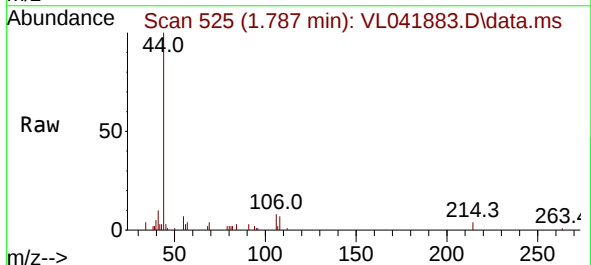
Instrument :
MSVOA_L
ClientSampleId :

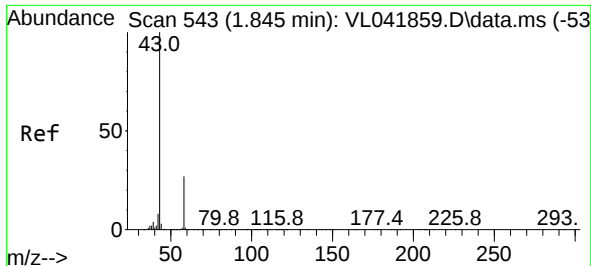
Tgt Ion: 45 Resp: 2046
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0#



#14
Bromoethene
Concen: 0.051 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 108 Resp: 298
Ion Ratio Lower Upper
108 100
106 130.2 86.9 130.3
79 151.3 15.6 23.4#

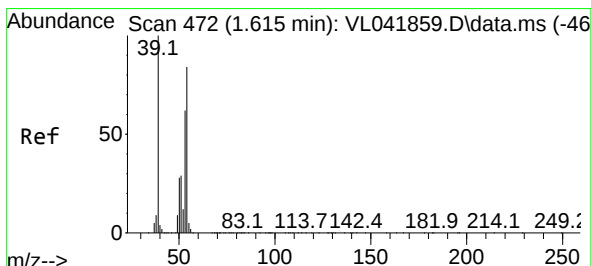
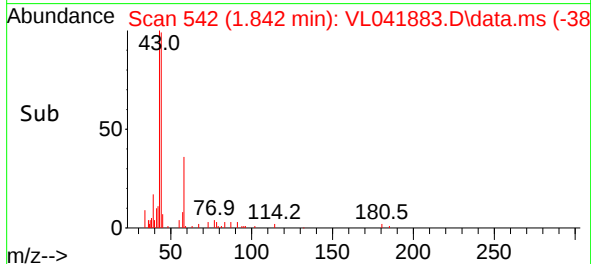
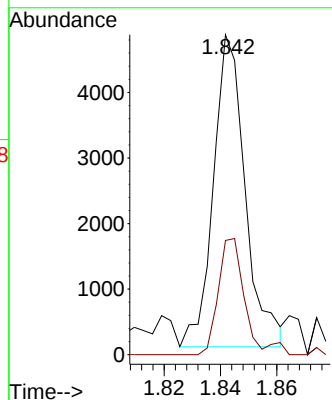
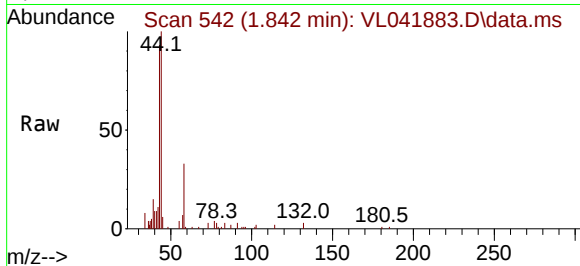




#15
Acetone
Concen: 0.187 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

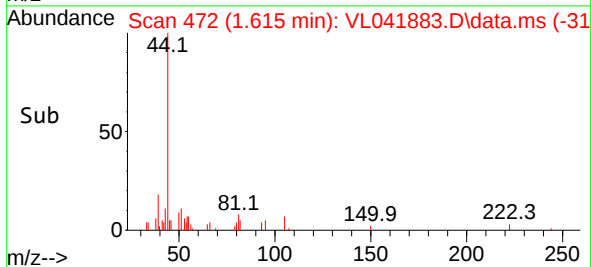
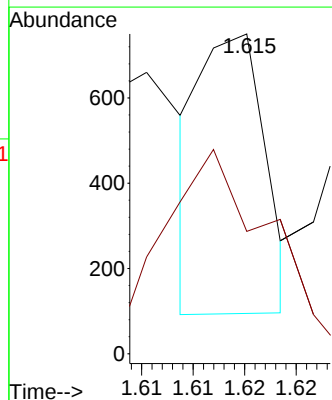
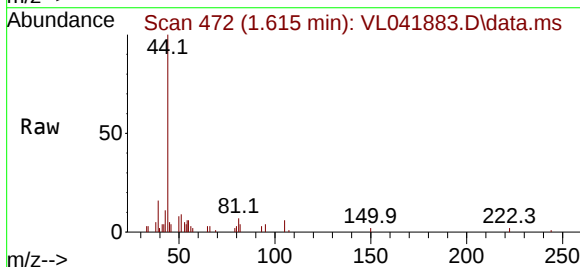
Instrument :
MSVOA_L
ClientSampleId :

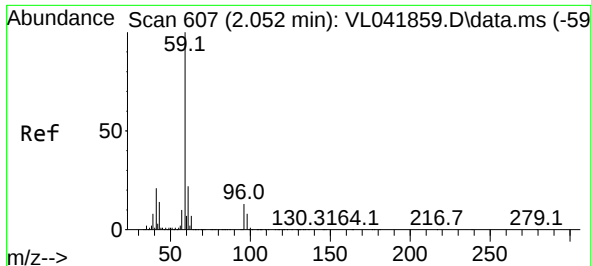
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1



#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 39 Resp: 282
Ion Ratio Lower Upper
39 100
54 174.5 60.1 90.1#

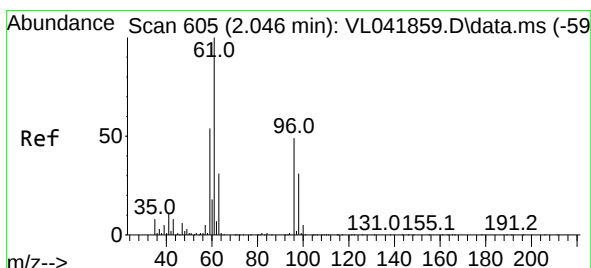
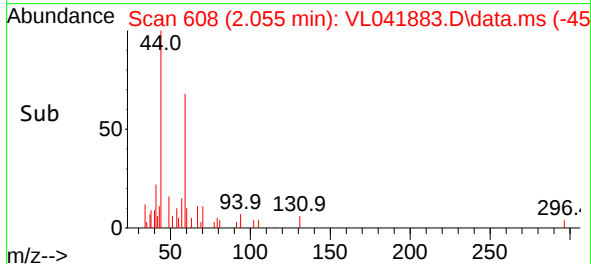
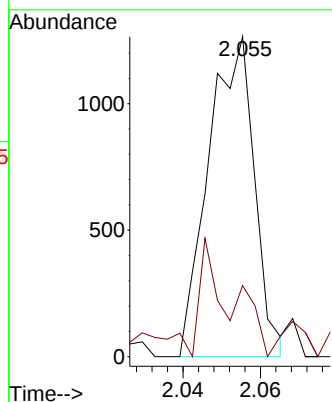
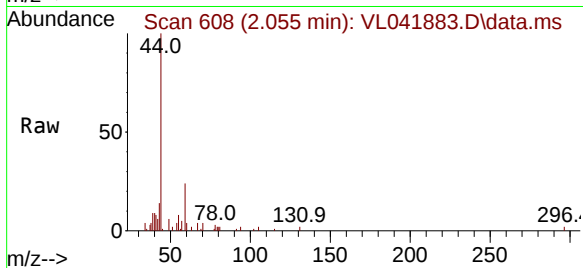




#17
tert-Butyl alcohol
Concen: 0.046 ppbv
RT: 2.055 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

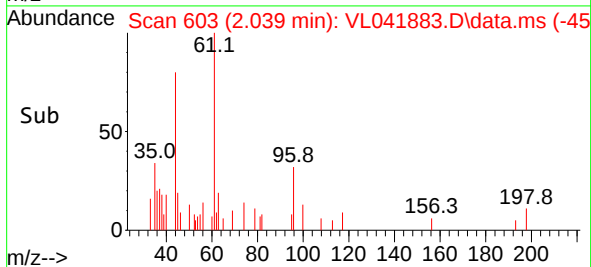
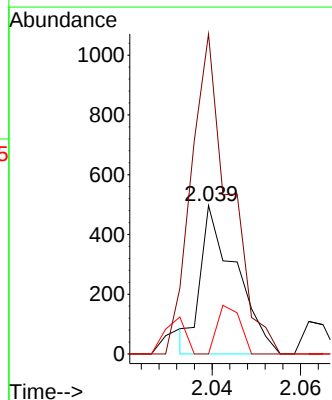
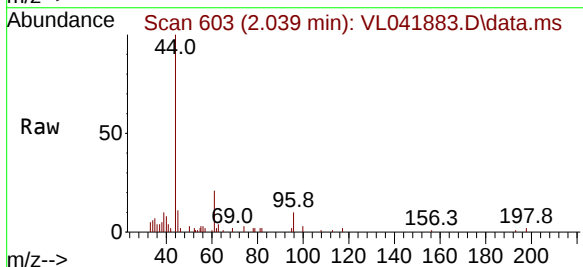
Instrument :
MSVOA_L
ClientSampleId :

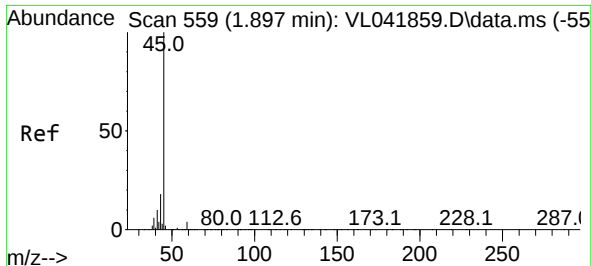
Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 24.6 8.2 12.4#



#18
1,1-Dichloroethene
Concen: 0.037 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 96 Resp: 275
Ion Ratio Lower Upper
96 100
61 215.5 161.7 242.5
98 0.0 51.0 76.4#





#19

Isopropyl Alcohol

Concen: 0.194 ppbv

RT: 1.894 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

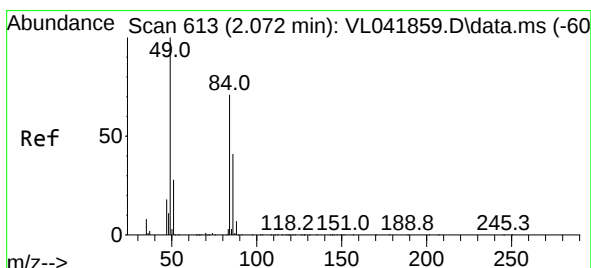
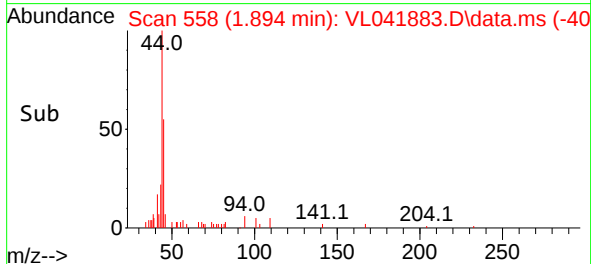
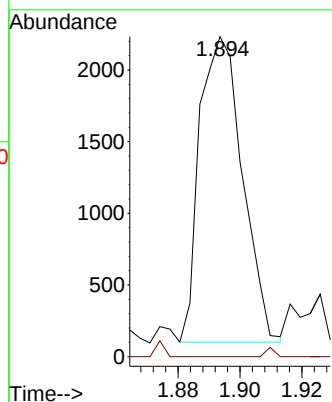
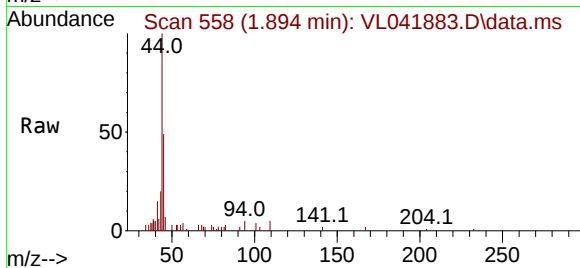
ClientSampleId :

Tgt Ion: 45 Resp: 2046

Ion Ratio Lower Upper

45 100

58 57.8 37.0 55.6#



#20

Methylene Chloride

Concen: 0.234 ppbv

RT: 2.068 min Scan# 612

Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion: 84 Resp: 1598

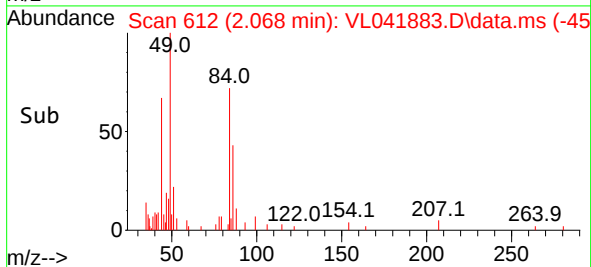
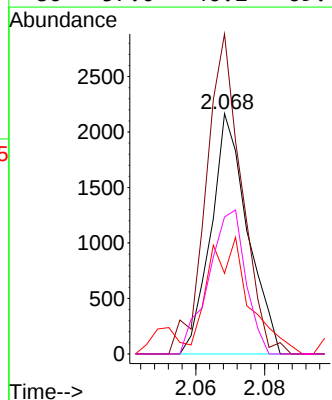
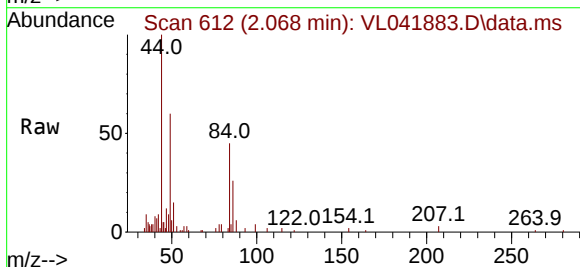
Ion Ratio Lower Upper

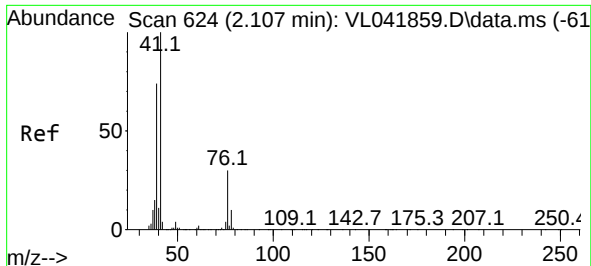
84 100

49 128.4 113.8 170.8

51 28.8 33.5 50.3#

86 57.0 46.2 69.4

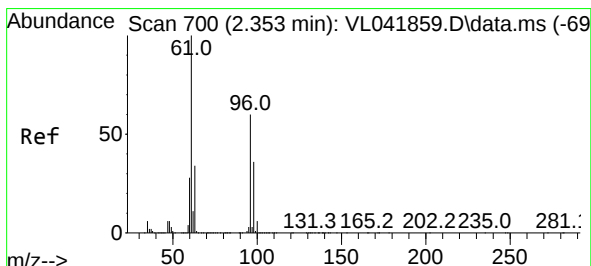
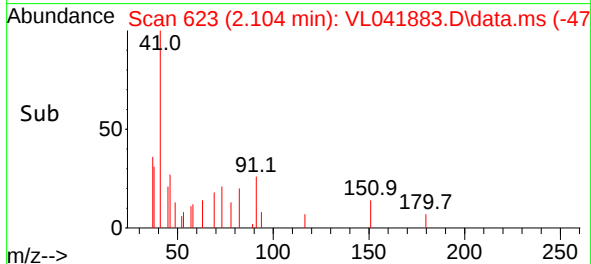
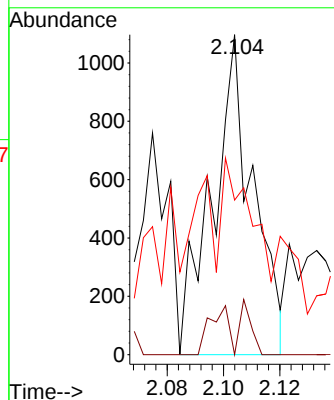
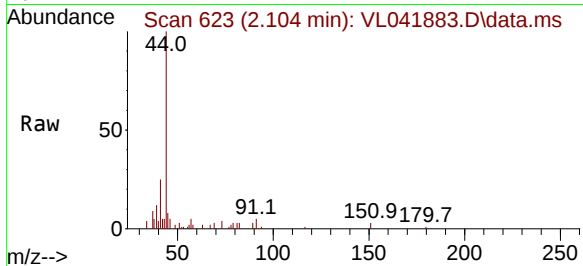




#21
 Allyl Chloride
 Concen: 0.086 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

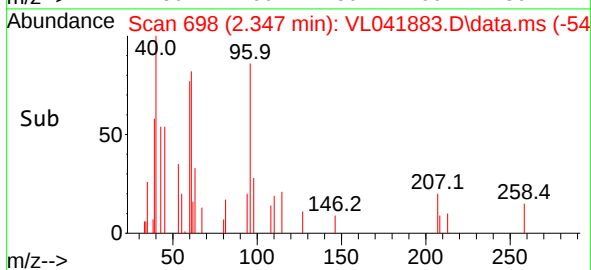
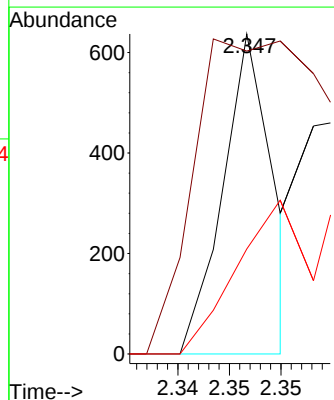
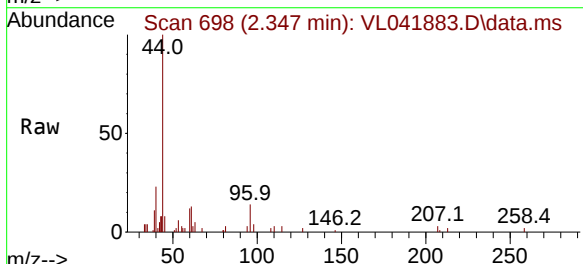
Instrument :
 MSVOA_L
 ClientSampleId :

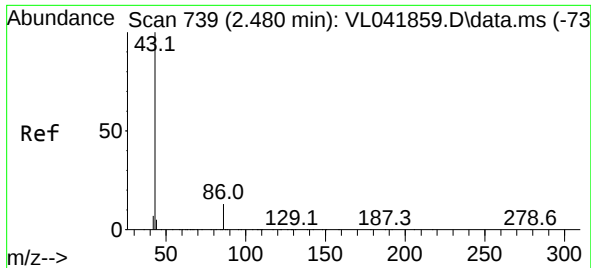
Tgt Ion: 41 Resp: 1098
 Ion Ratio Lower Upper
 41 100
 76 11.9 24.6 36.8#
 39 129.1 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.026 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 96 Resp: 219
 Ion Ratio Lower Upper
 96 100
 61 64.5 134.2 201.4#
 98 32.8 49.0 73.4#

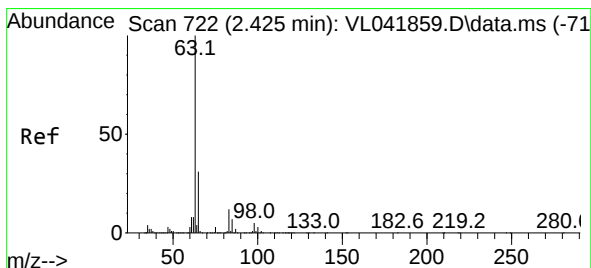
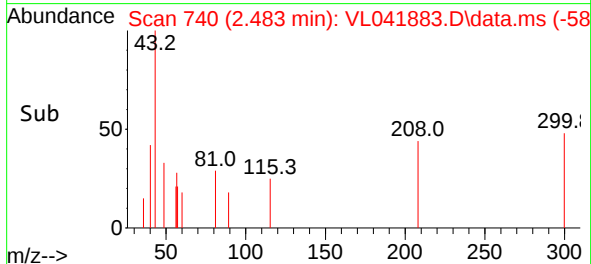
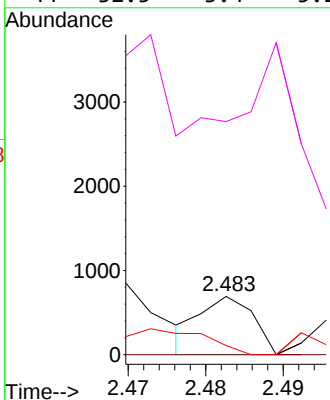
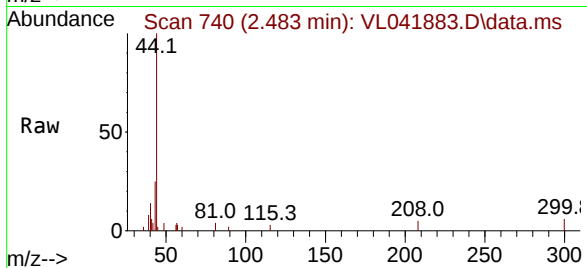




#23
 Vinyl Acetate
 Concen: 0.033 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

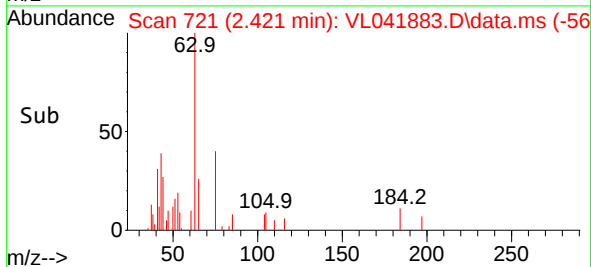
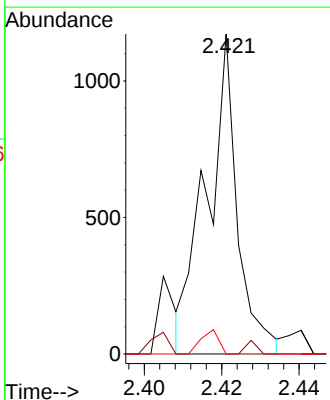
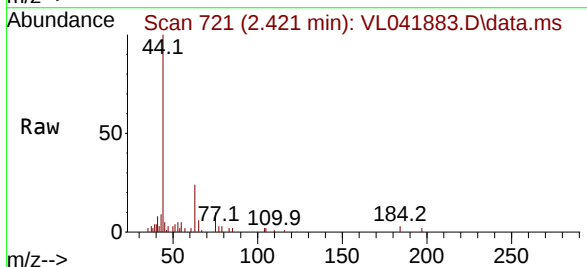
Instrument :
 MSVOA_L
 ClientSampleId :

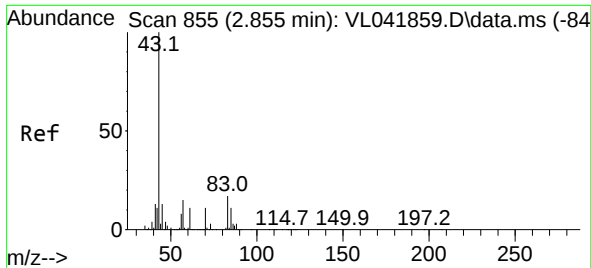
Tgt Ion: 43	Resp: 330
Ion Ratio	Lower Upper
43 100	
86 0.0	7.8 11.6#
42 15.8	7.0 10.4#
44 32.5	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.040 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 63	Resp: 643
Ion Ratio	Lower Upper
63 100	
98 0.0	2.3 6.9#
100 0.0	1.3 3.8#

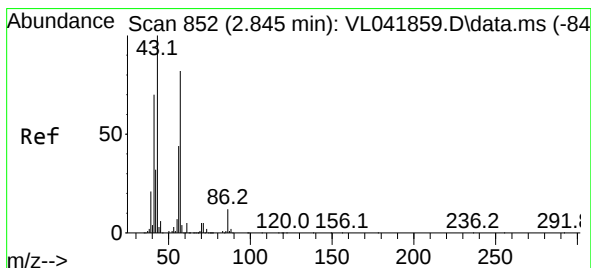
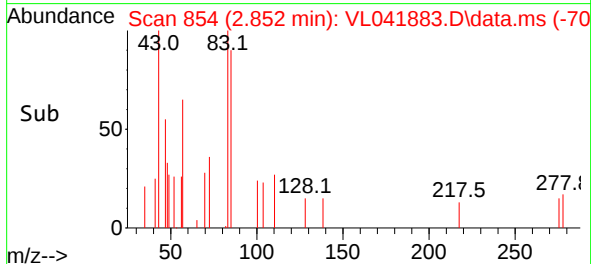
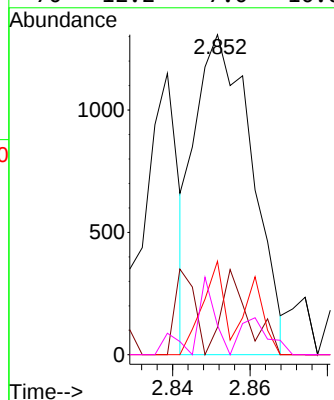
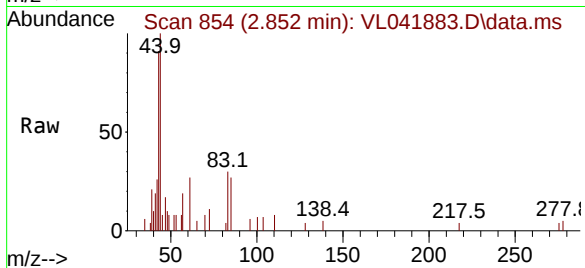




#25
Ethyl Acetate
Concen: 0.027 ppbv
RT: 2.852 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

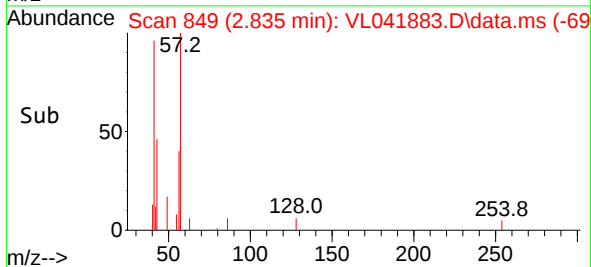
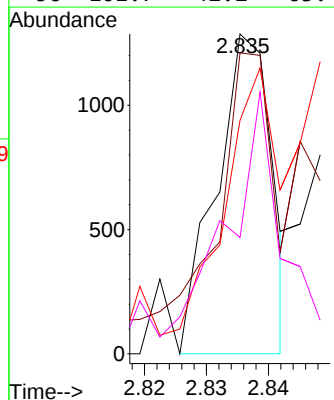
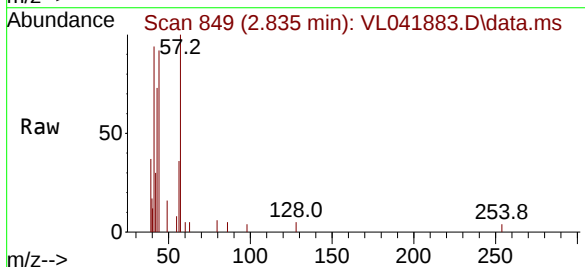
Instrument :
MSVOA_L
ClientSampleId :

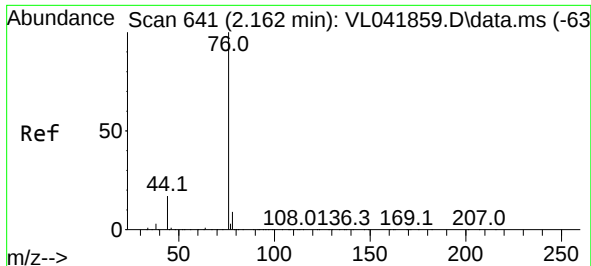
Tgt Ion: 43	Resp: 1334
Ion Ratio	Lower Upper
43 100	
45 0.0	8.4 12.6#
61 19.6	7.3 10.9#
70 12.2	7.0 10.6#



#26
Hexane
Concen: 0.040 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

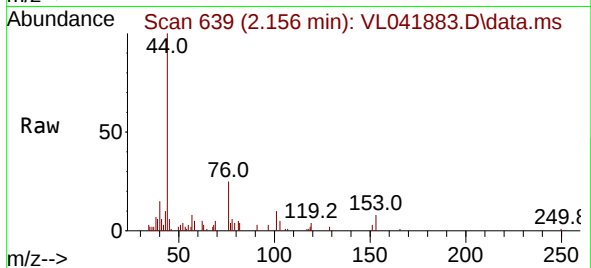
Tgt Ion: 57	Resp: 810
Ion Ratio	Lower Upper
57 100	
41 151.9	71.5 107.3#
43 0.0	200.2 300.4#
56 101.7	42.2 63.4#



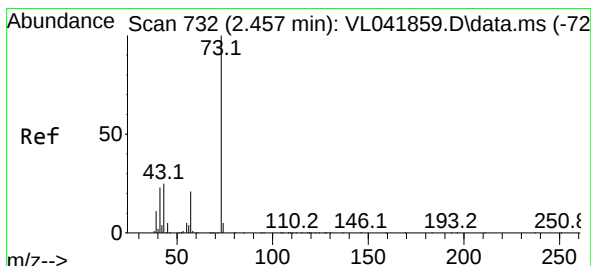
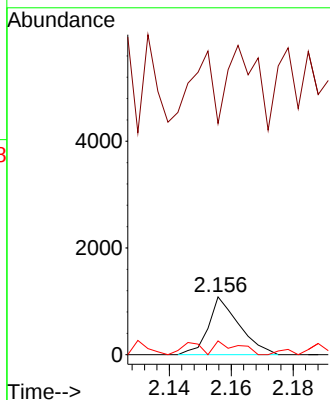
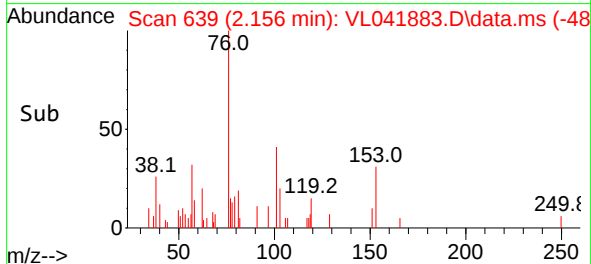


#27
Carbon Disulfide
Concen: 0.038 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Instrument :
MSVOA_L
ClientSampleId :

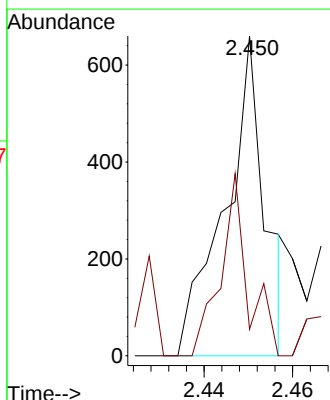
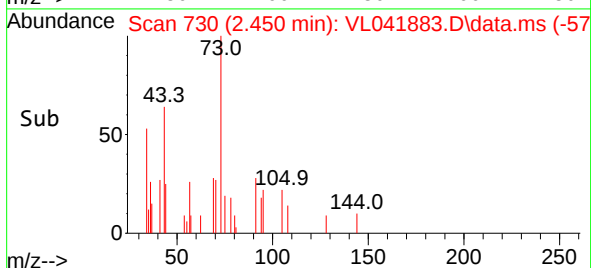
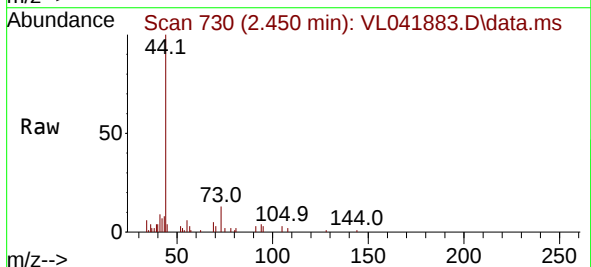


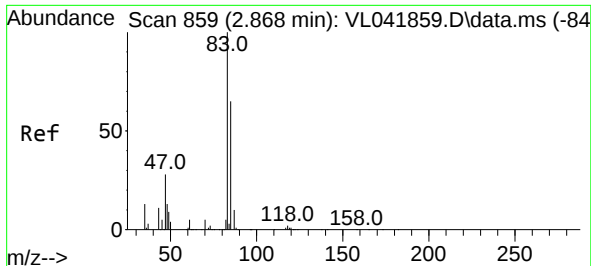
Tgt Ion: 76 Resp: 746
Ion Ratio Lower Upper
76 100
44 536.5 13.1 19.7#
78 22.8 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.026 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 73 Resp: 413
Ion Ratio Lower Upper
73 100
57 70.9 17.5 26.3#





#29

Chloroform

Concen: 0.010 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.020 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

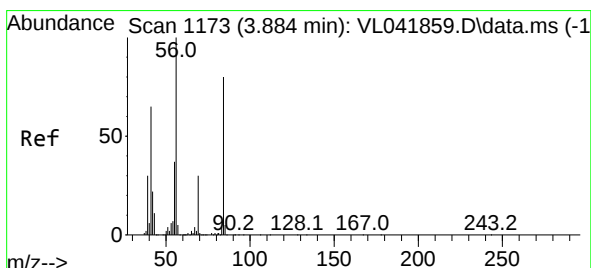
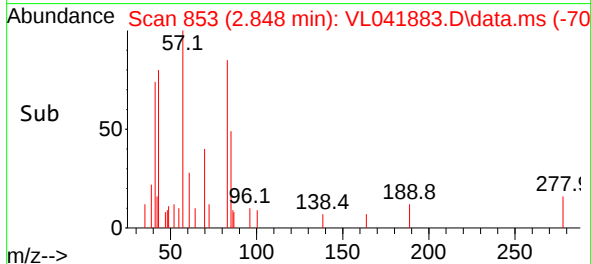
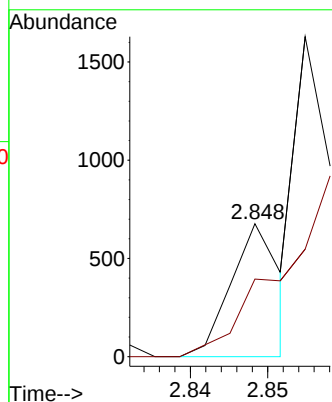
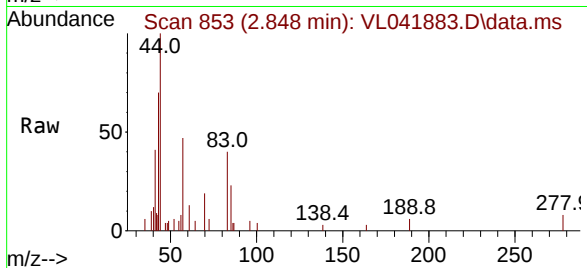
ClientSampleId :

Tgt Ion: 83 Resp: 296

Ion Ratio Lower Upper

83 100

85 58.3 51.7 77.5



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. -0.007 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

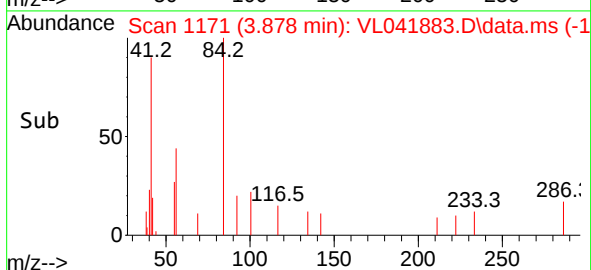
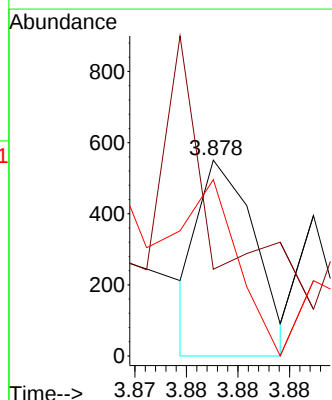
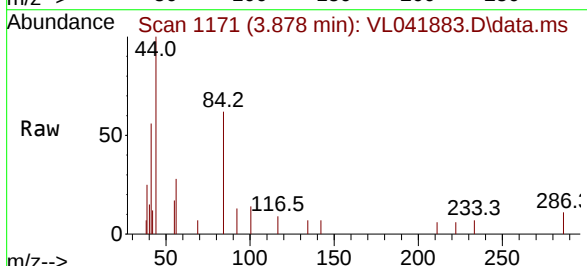
Tgt Ion: 84 Resp: 207

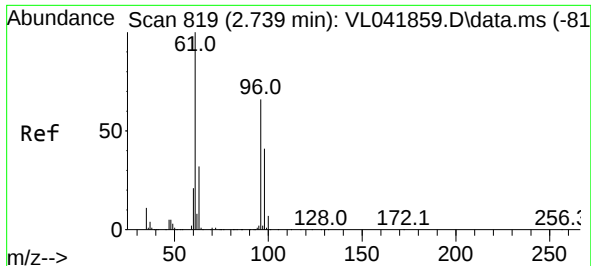
Ion Ratio Lower Upper

84 100

56 408.2 100.7 151.1#

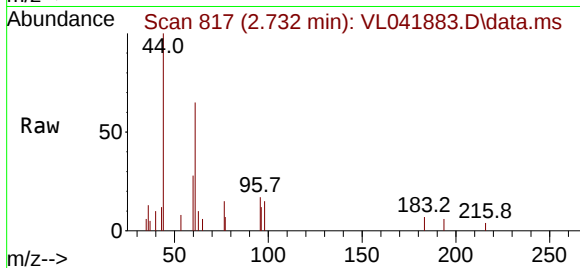
41 0.0 62.8 94.2#



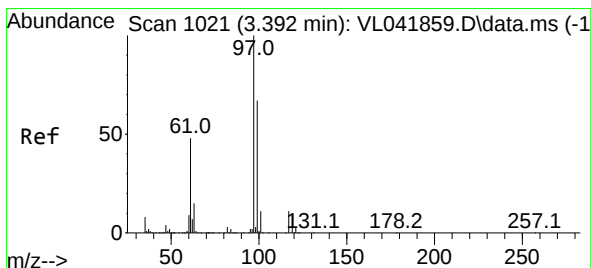
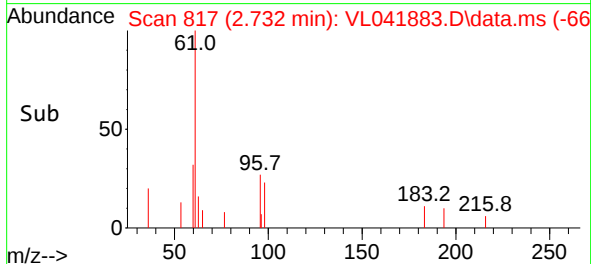
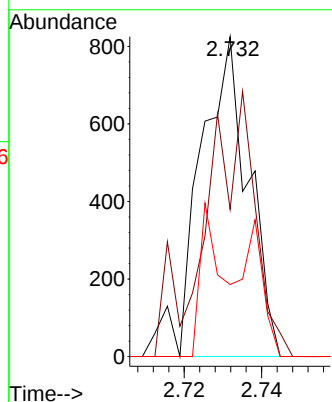


#31
 cis-1,2-Dichloroethene
 Concen: 0.034 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Instrument :
 MSVOA_L
 ClientSampleId :

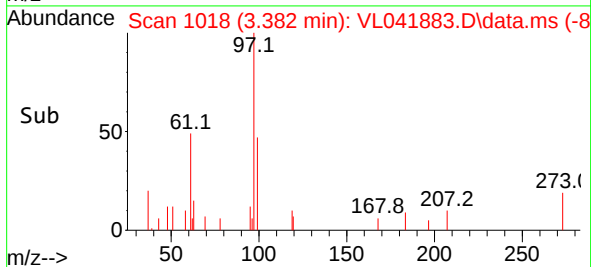
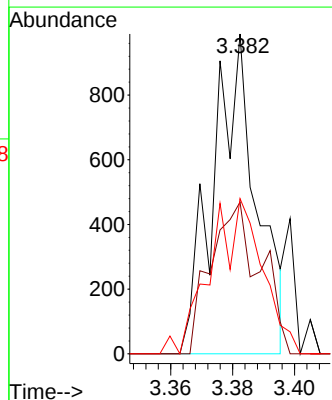
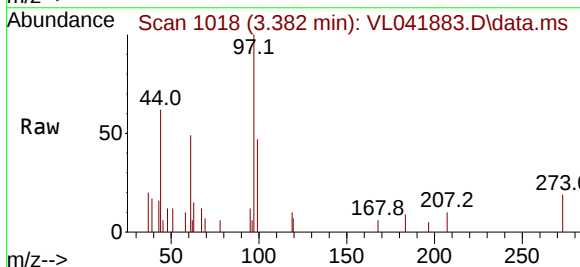


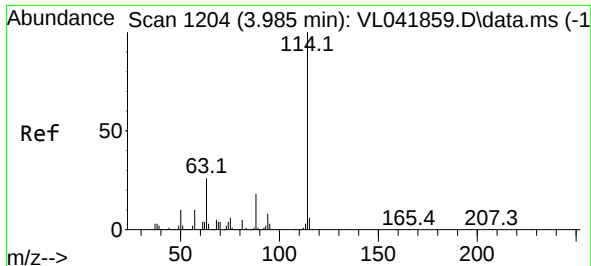
Tgt Ion: 61 Resp: 685
 Ion Ratio Lower Upper
 61 100
 96 38.7 53.2 79.8#
 98 22.5 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.034 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 97 Resp: 963
 Ion Ratio Lower Upper
 97 100
 99 54.1 52.0 78.0
 61 58.0 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

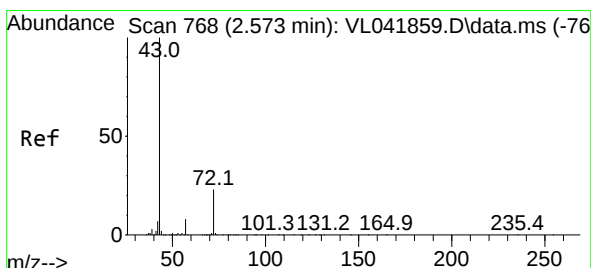
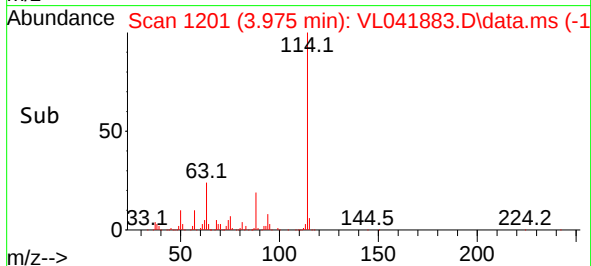
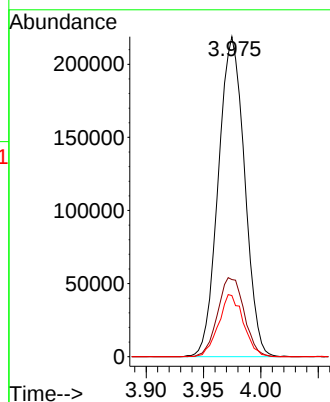
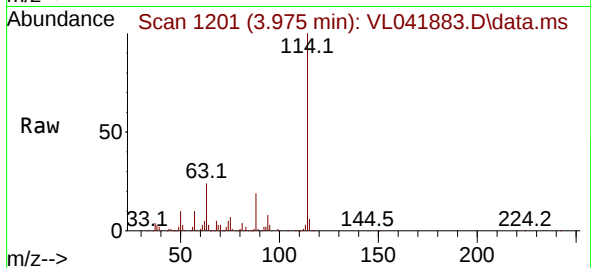
Tgt Ion:114 Resp: 347958

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 0.055 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041883.D

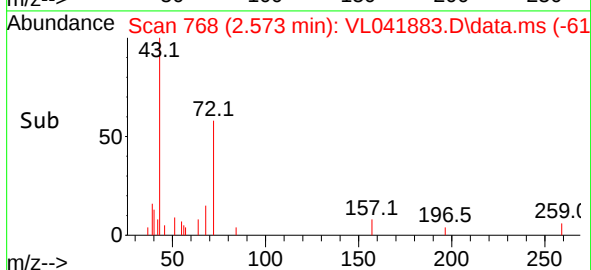
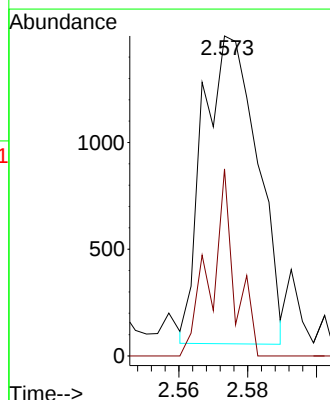
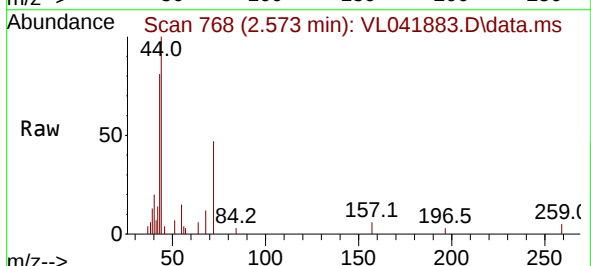
Acq: 10 Jan 2025 00:17

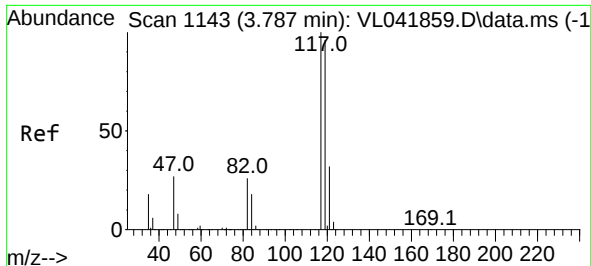
Tgt Ion: 43 Resp: 1581

Ion Ratio Lower Upper

43 100

72 26.9 18.5 27.7

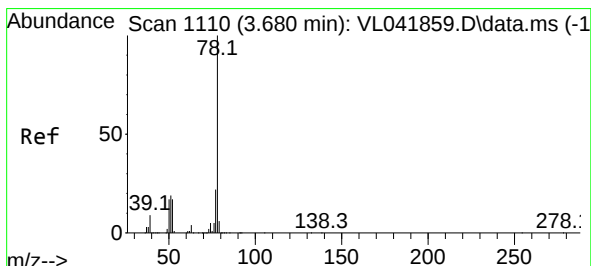
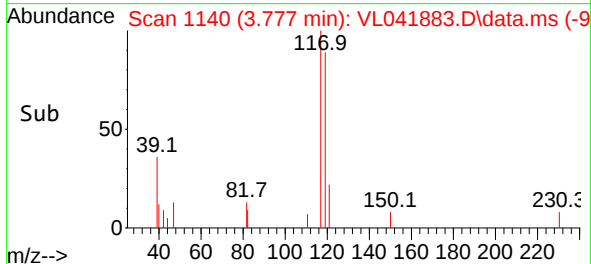
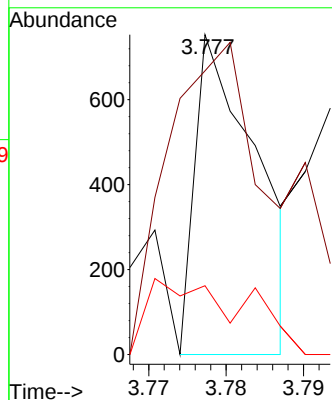
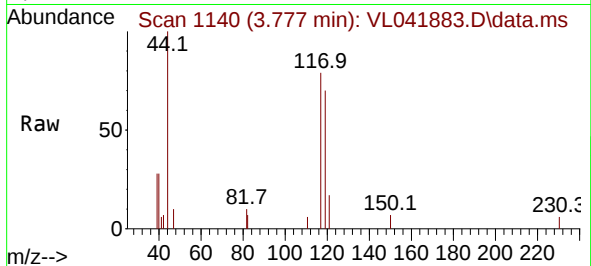




#35
Carbon Tetrachloride
Concen: 0.016 ppbv
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

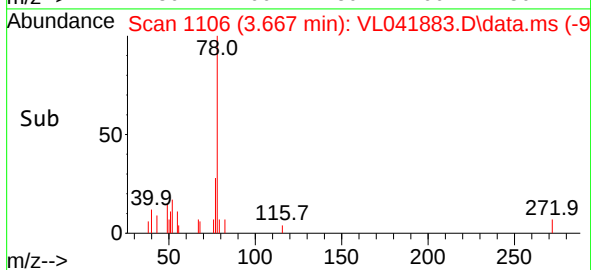
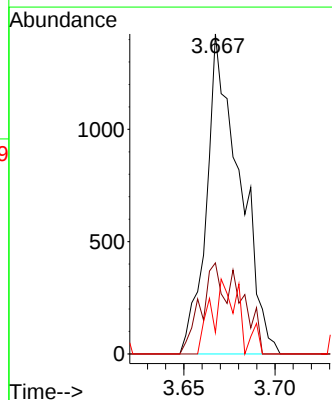
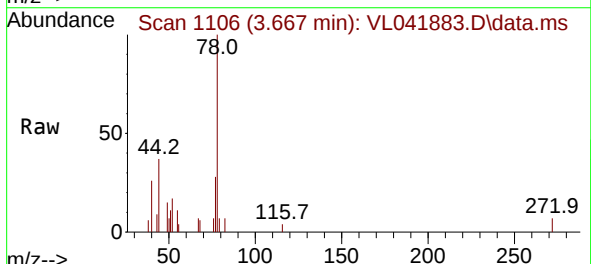
Instrument :
MSVOA_L
ClientSampleId :

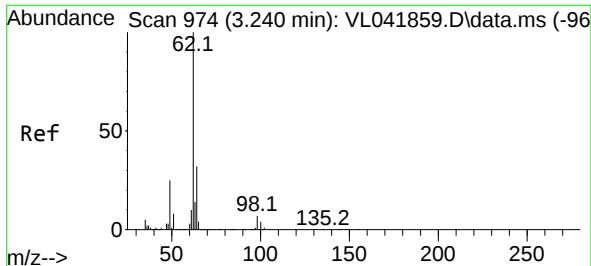
Tgt Ion:117 Resp: 421
Ion Ratio Lower Upper
117 100
119 43.0 76.9 115.3#
121 12.6 25.9 38.9#



#36
Benzene
Concen: 0.045 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 78 Resp: 1801
Ion Ratio Lower Upper
78 100
77 28.4 17.9 26.9#
50 6.7 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.041 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

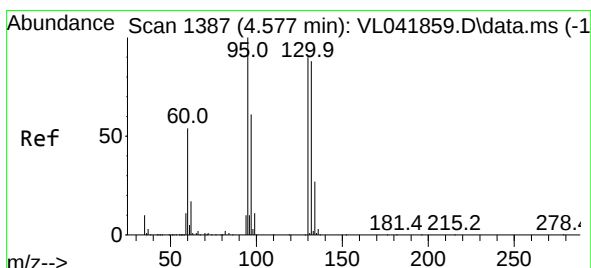
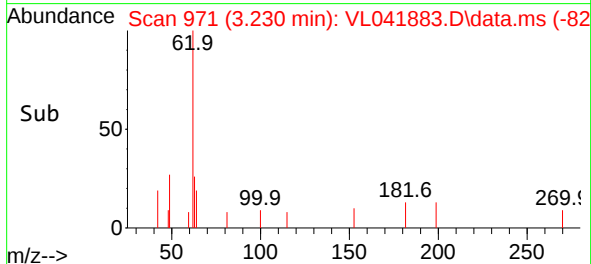
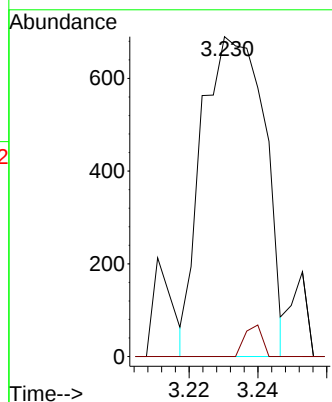
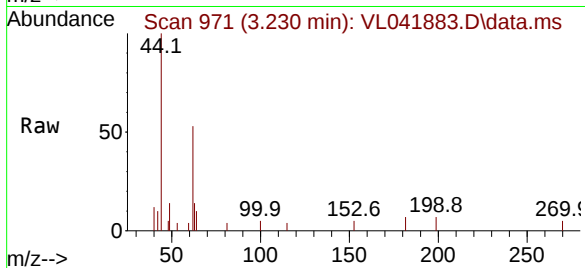
ClientSampleId :

Tgt Ion: 62 Resp: 869

Ion Ratio Lower Upper

62 100

98 2.8 5.6 8.4#



#38

Trichloroethene

Concen: 0.013 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.013 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion:130 Resp: 214

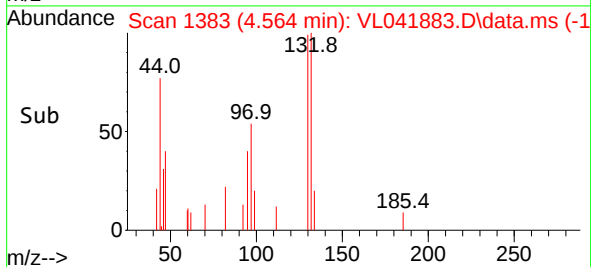
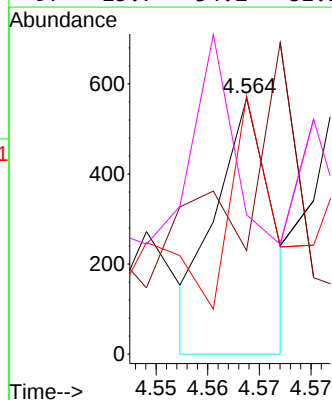
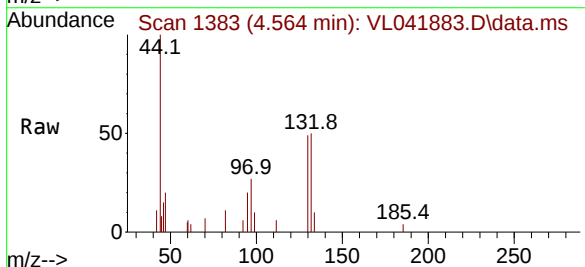
Ion Ratio Lower Upper

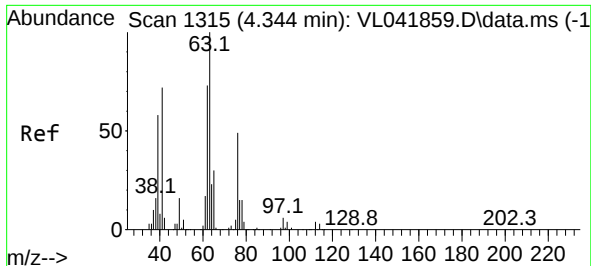
130 100

95 0.0 88.5 132.7#

132 85.3 78.2 117.2

97 15.7 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 6.045 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.372 min

Lab File: VL041883.D

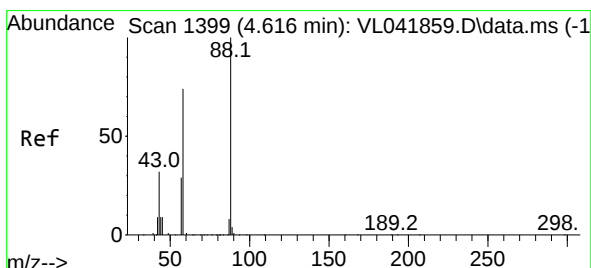
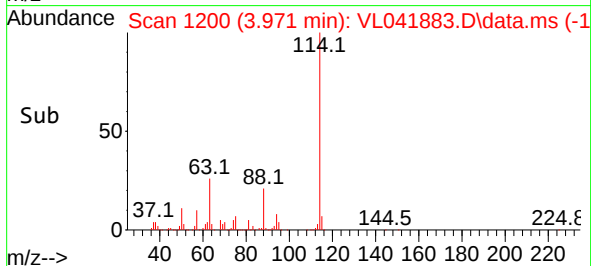
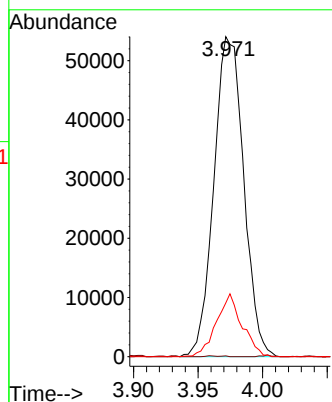
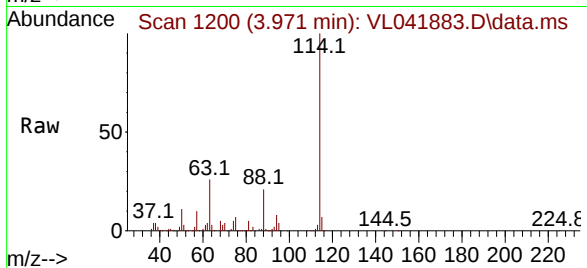
Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63	Resp: 86812
Ion Ratio	Lower Upper
63	100
41	0.3 58.0 87.0#
62	16.8 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.024 ppbv

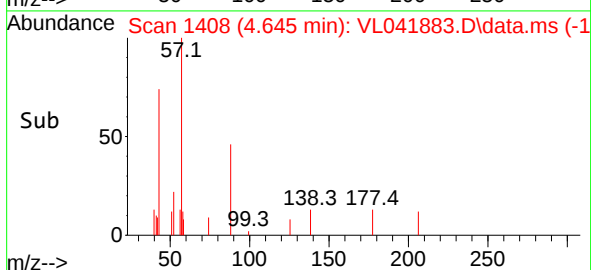
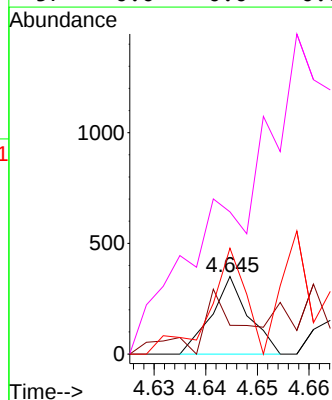
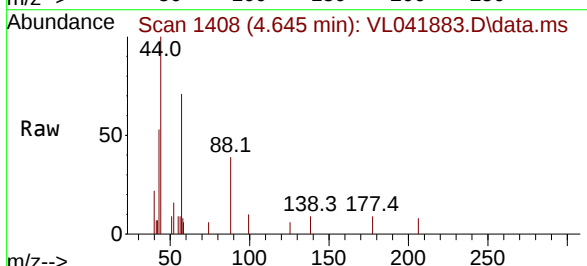
RT: 4.645 min Scan# 1408

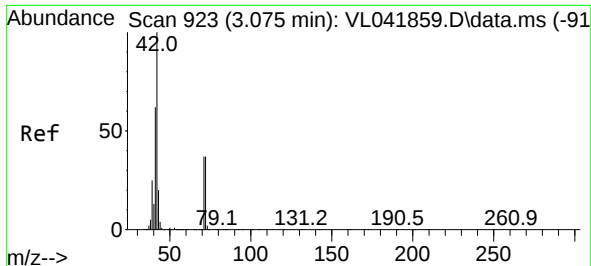
Delta R.T. 0.029 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

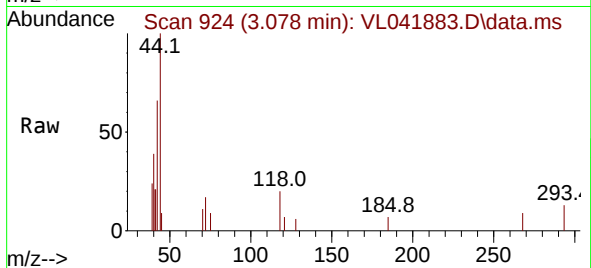
Tgt Ion: 88	Resp: 175
Ion Ratio	Lower Upper
88	100
58	0.0 52.2 78.4#
43	63.4 0.0 0.0#
57	0.0 0.0 0.0



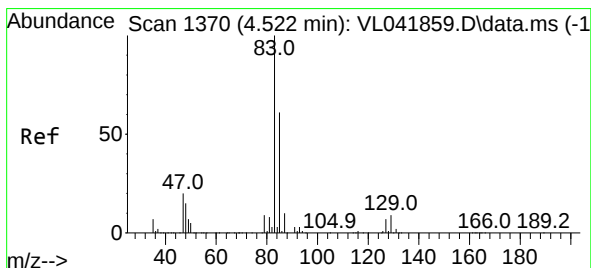
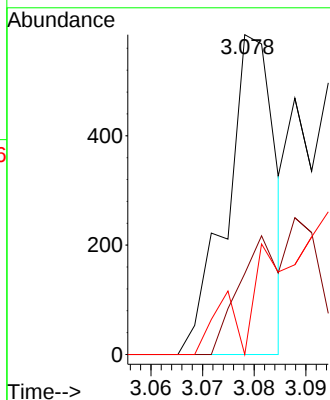
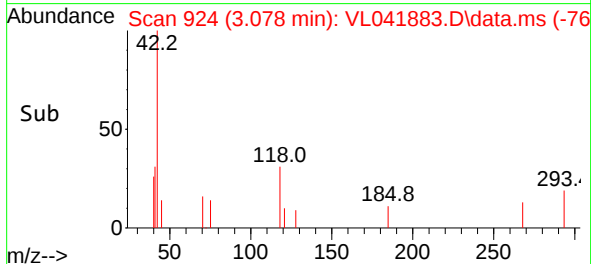


#41
Tetrahydrofuran
Concen: 0.022 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

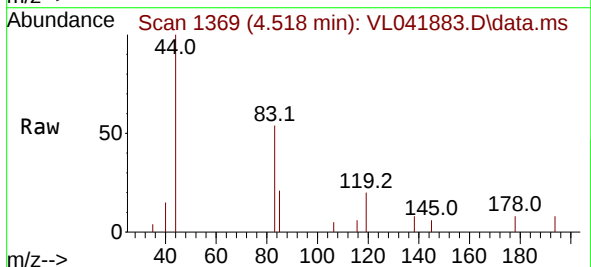
Instrument :
MSVOA_L
ClientSampleId :



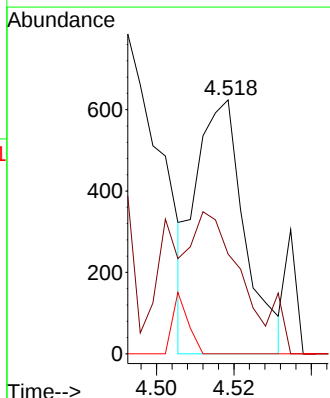
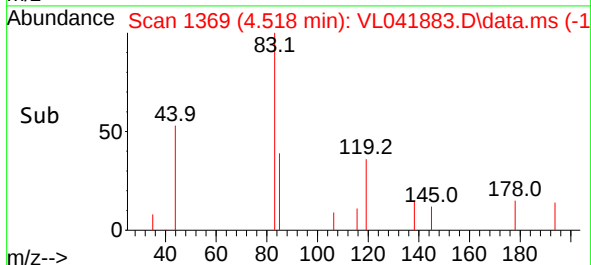
Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#

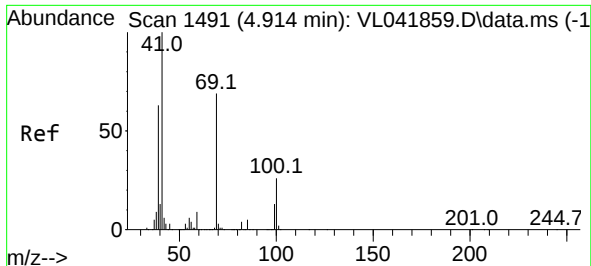


#42
Bromodichloromethane
Concen: 0.019 ppbv
RT: 4.518 min Scan# 1369
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17



Tgt Ion: 83 Resp: 547
Ion Ratio Lower Upper
83 100
85 18.0 48.9 73.3#
127 0.0 5.4 8.2#

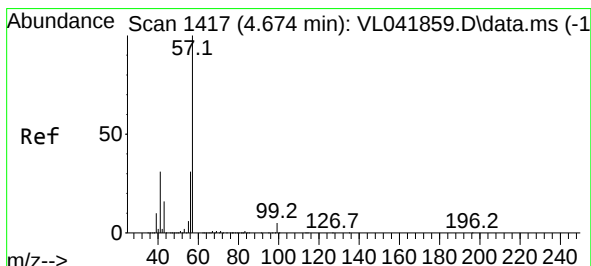
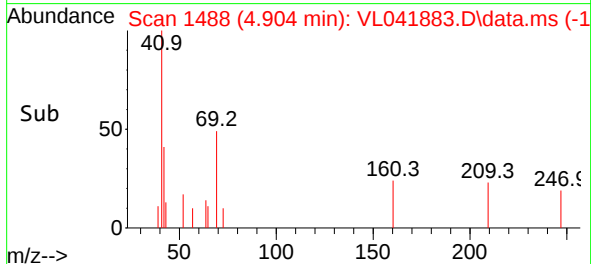
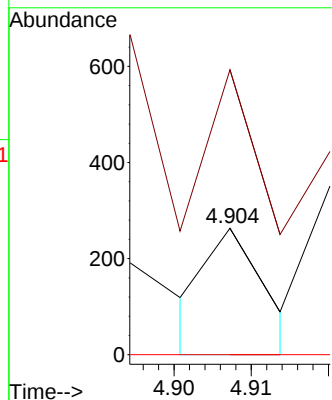
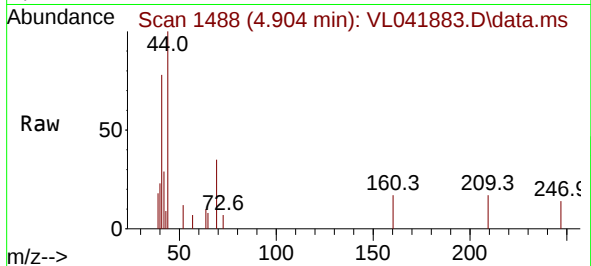




#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 4.904 min Scan# 1491
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

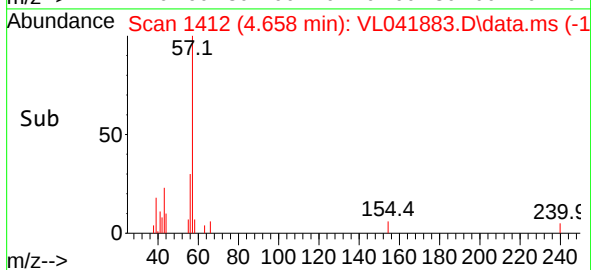
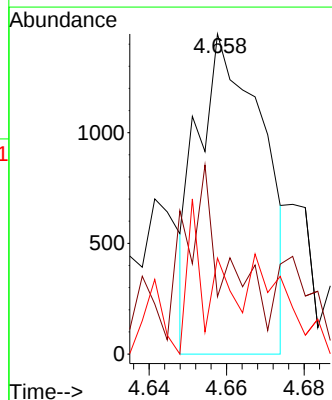
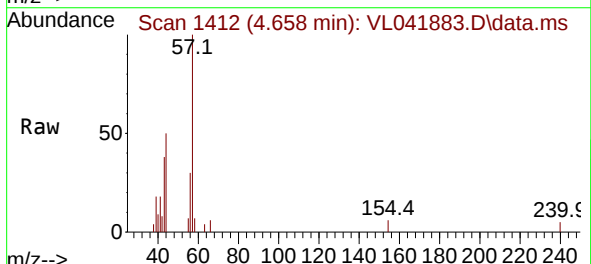
Instrument :
MSVOA_L
ClientSampleId :

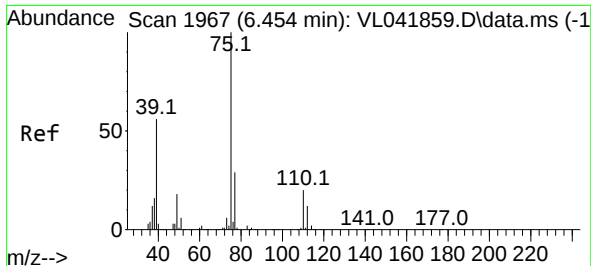
Tgt Ion: 69 Resp: 68
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.025 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 57 Resp: 1687
Ion Ratio Lower Upper
57 100
41 66.4 25.5 38.3#
56 46.9 25.6 38.4#

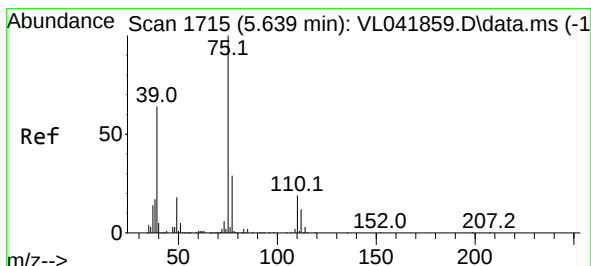
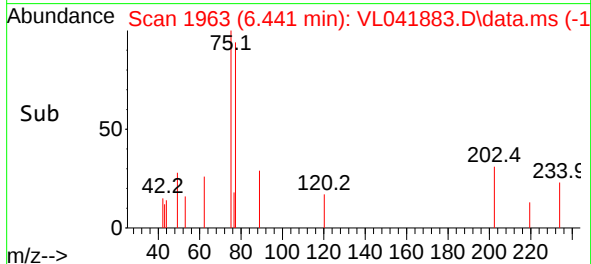
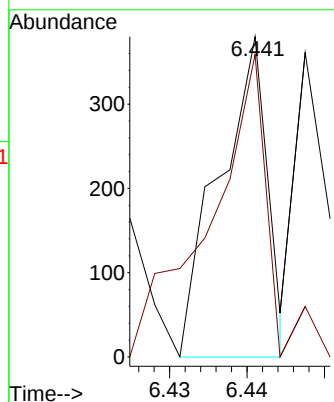
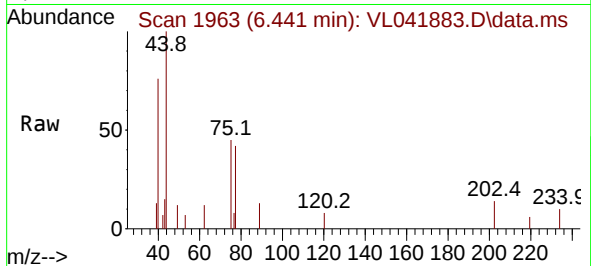




#45
 t-1,3-Dichloropropene
 Concen: 0.010 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. -0.013 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

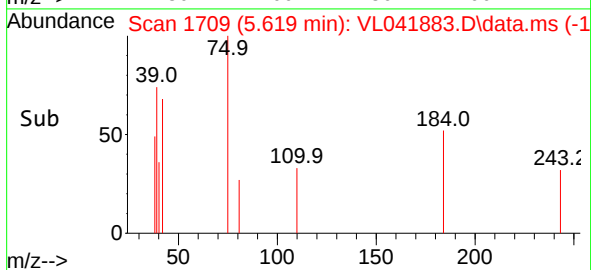
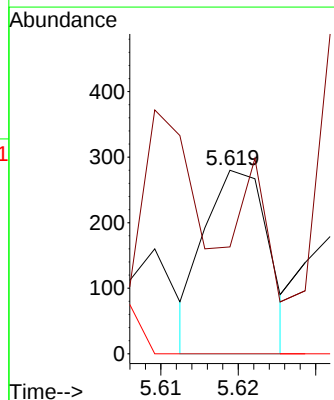
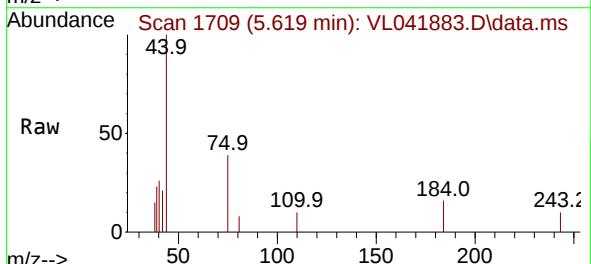
Instrument :
 MSVOA_L
 ClientSampleId :

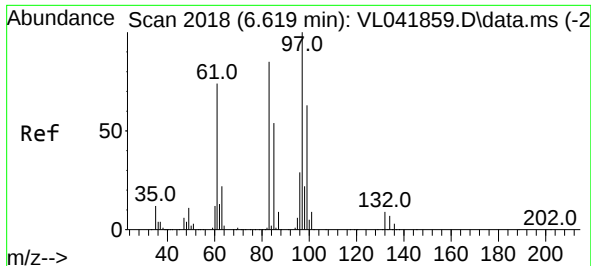
Tgt Ion: 75 Resp: 166
 Ion Ratio Lower Upper
 75 100
 77 94.5 23.4 35.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 5.619 min Scan# 1709
 Delta R.T. -0.020 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 75 Resp: 161
 Ion Ratio Lower Upper
 75 100
 39 41.8 51.4 77.2#
 77 0.0 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 6.603 min Scan# 20

Delta R.T. -0.016 min

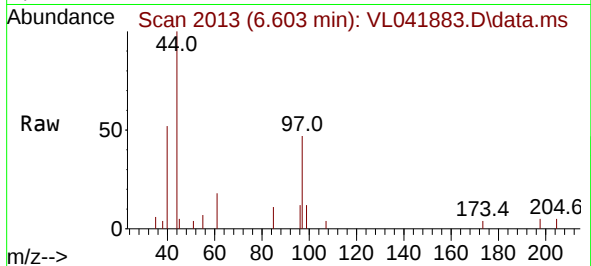
Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

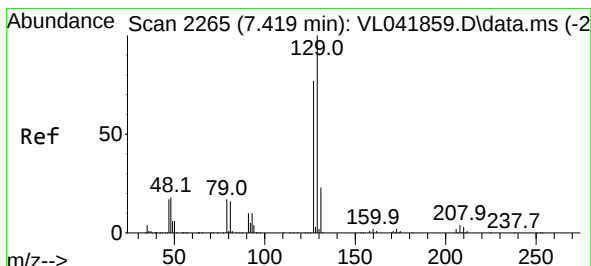
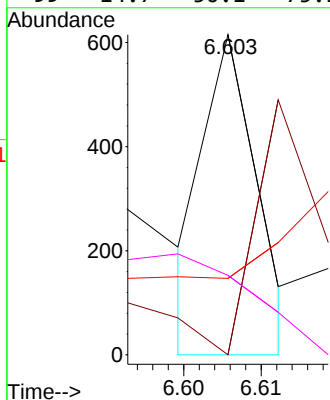
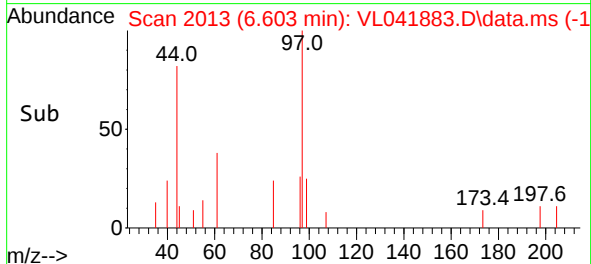
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97	Resp: 145
Ion Ratio	Lower Upper
97	100
83	0.0 68.1 102.1#
85	0.0 43.4 65.2#
99	14.7 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.017 ppbv

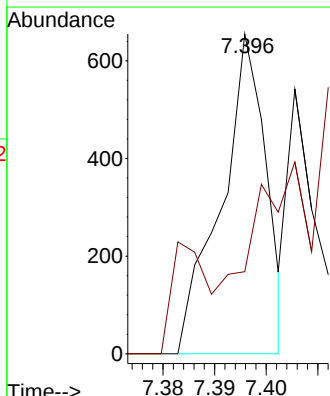
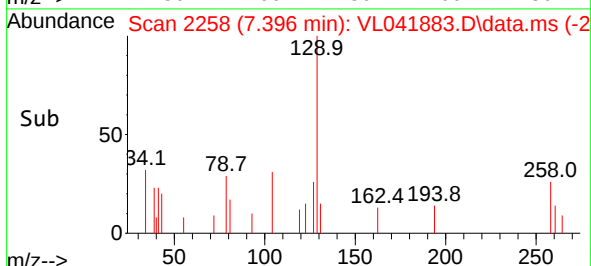
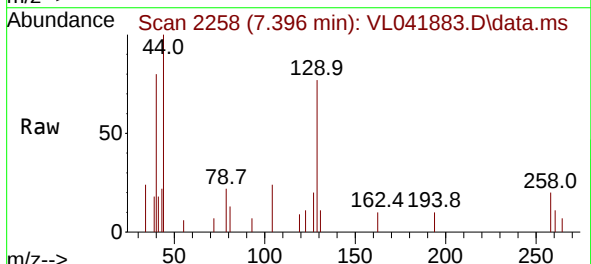
RT: 7.396 min Scan# 2258

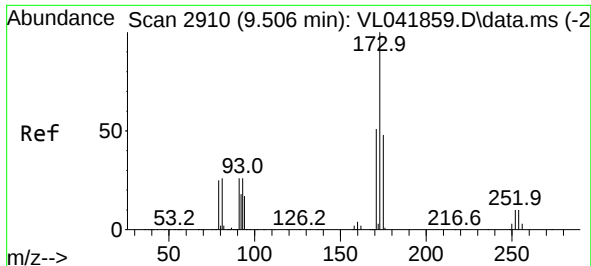
Delta R.T. -0.023 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

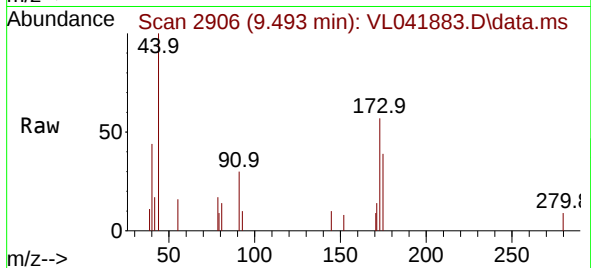
Tgt Ion: 129	Resp: 400
Ion Ratio	Lower Upper
129	100
127	0.0 39.4 118.1#



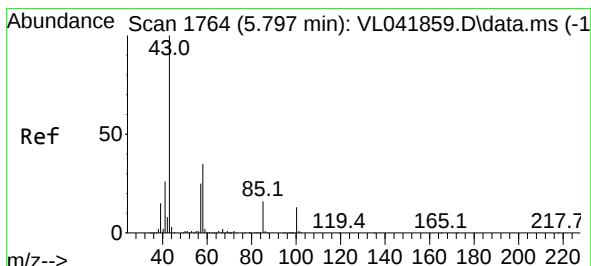
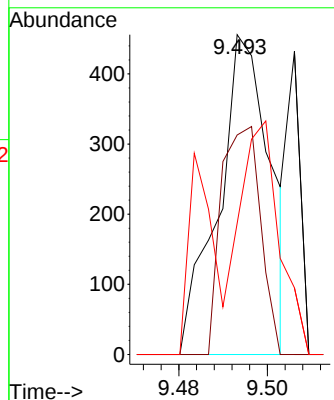
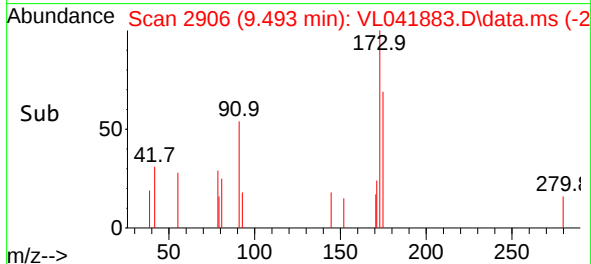


#49
Bromoform
Concen: 0.019 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Instrument :
MSVOA_L
ClientSampleId :

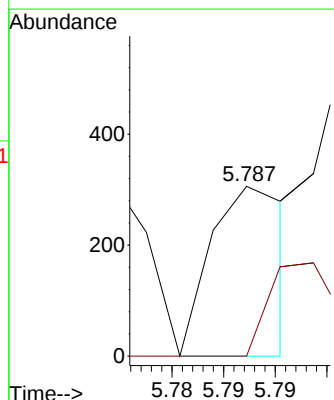
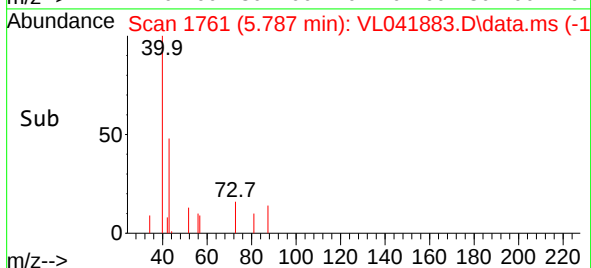
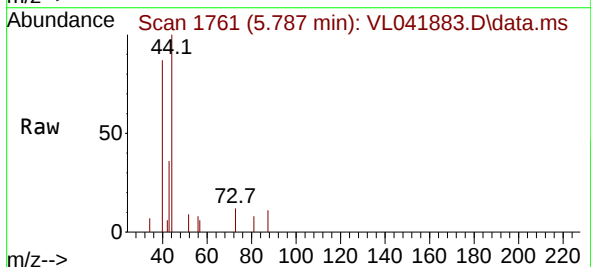


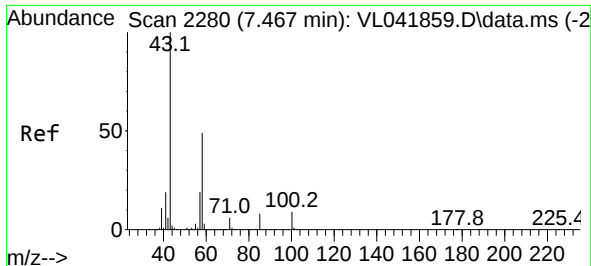
Tgt Ion:173 Resp: 371
Ion Ratio Lower Upper
173 100
175 53.9 38.2 57.2
171 84.9 41.3 61.9#



#50
4-Methyl-2-Pentanone
Concen: 0.004 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

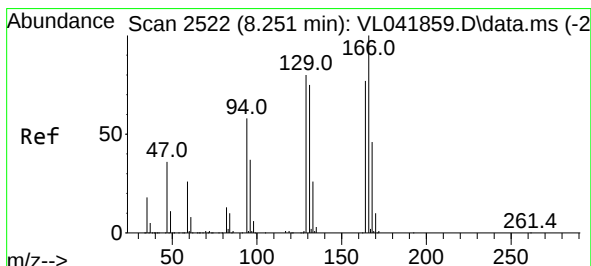
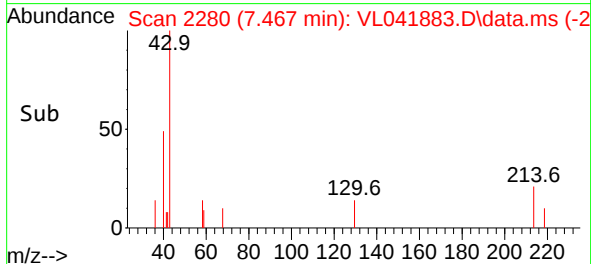
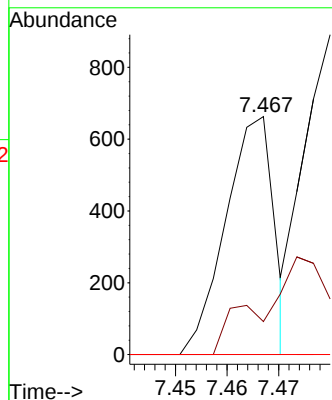
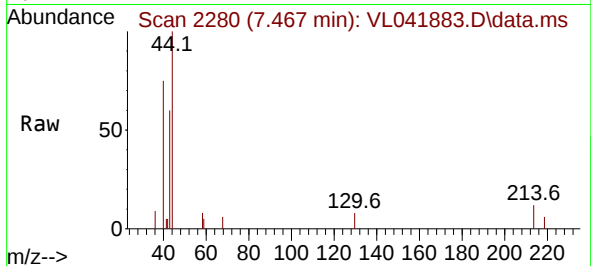




#51
2-Hexanone
Concen: 0.013 ppbv
RT: 7.467 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

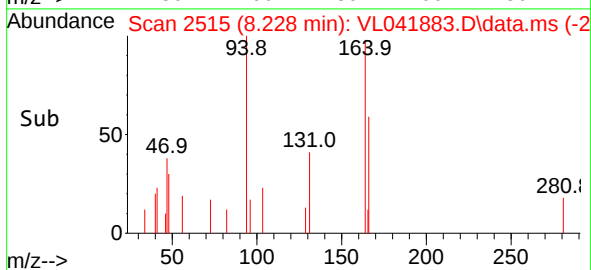
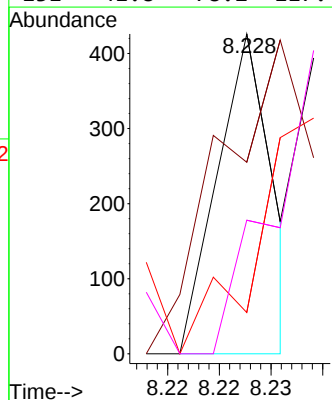
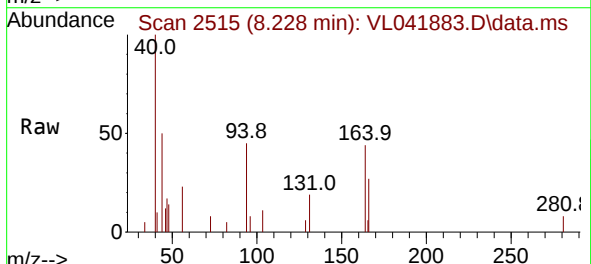
Instrument :
MSVOA_L
ClientSampleId :

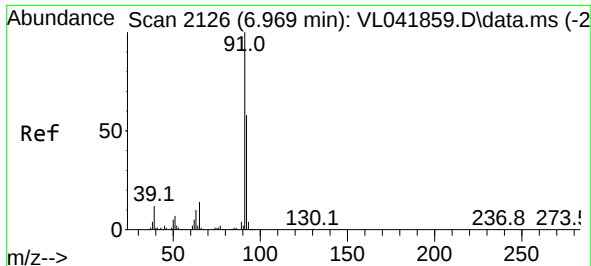
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.010 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.023 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 164 Resp: 158
Ion Ratio Lower Upper
164 100
166 41.3 103.6 155.4#
129 12.9 82.6 123.8#
131 41.8 78.2 117.4#

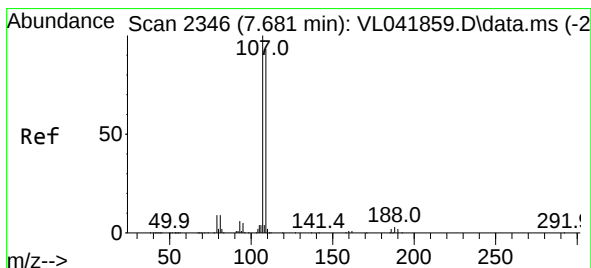
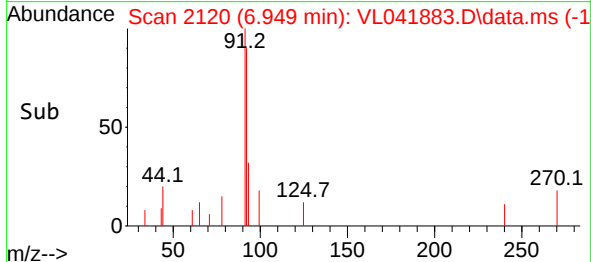
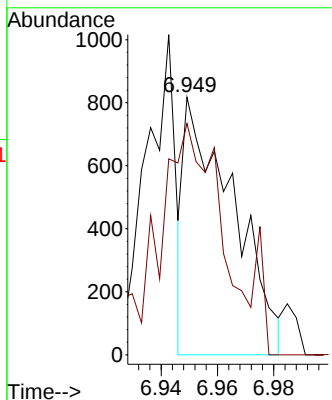
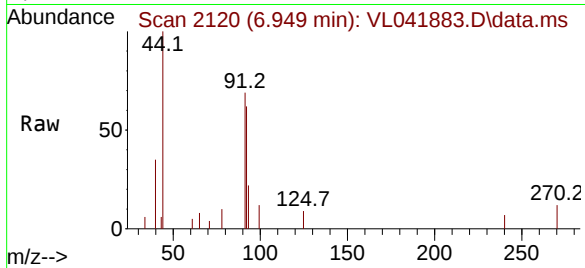




#53
Toluene
Concen: 0.021 ppbv
RT: 6.949 min Scan# 2126
Delta R.T. -0.020 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

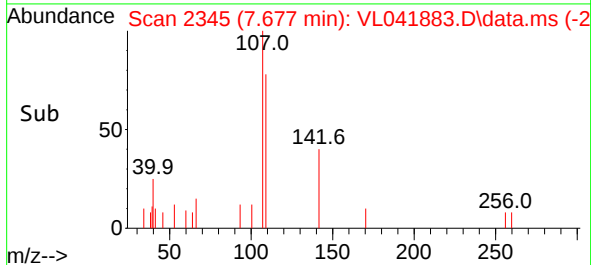
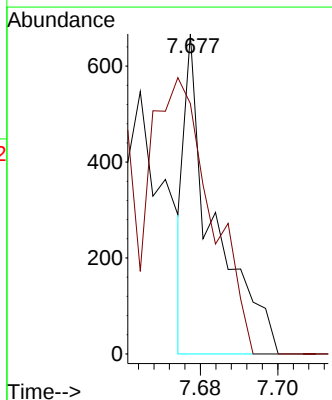
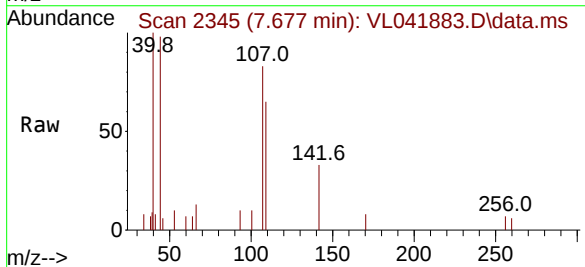
Instrument :
MSVOA_L
ClientSampleId :

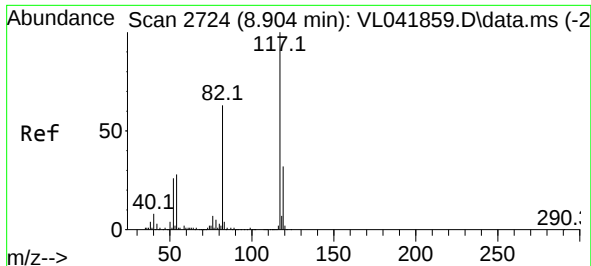
Tgt Ion: 91 Resp: 988
Ion Ratio Lower Upper
91 100
92 126.0 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.017 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 107 Resp: 341
Ion Ratio Lower Upper
107 100
109 78.3 74.6 112.0

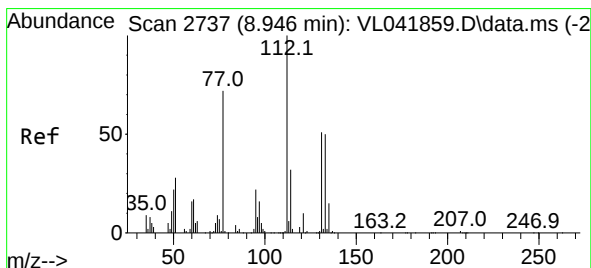
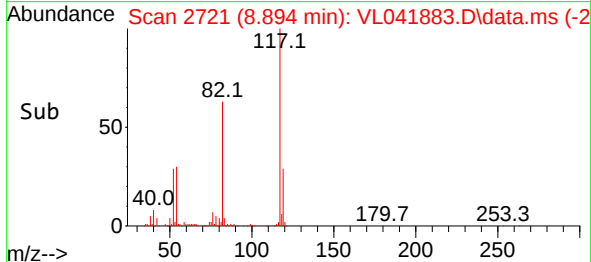
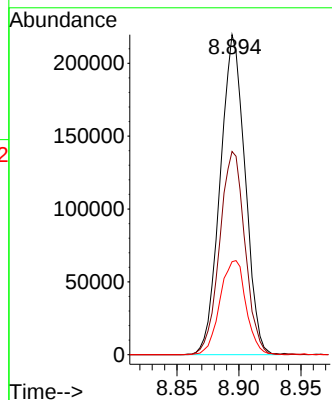
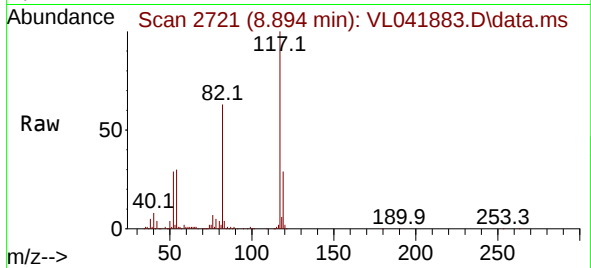




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

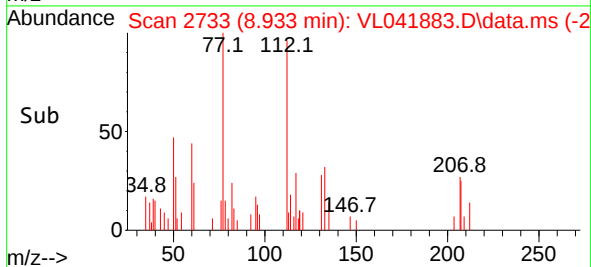
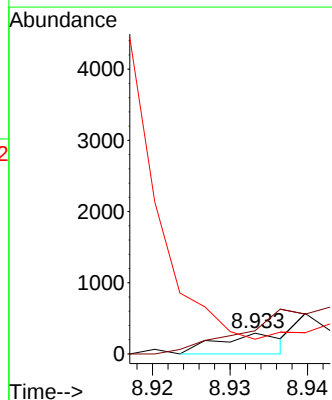
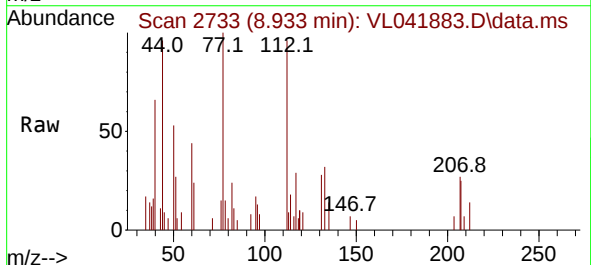
Instrument :
MSVOA_L
ClientSampleId :

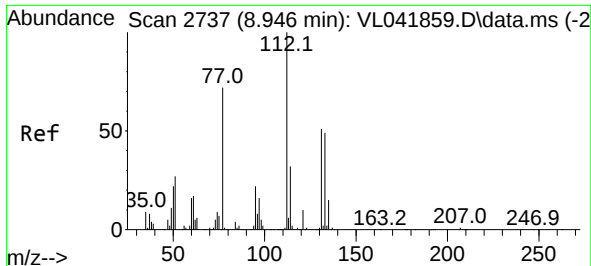
Tgt Ion:117 Resp: 307447
Ion Ratio Lower Upper
117 100
82 64.5 54.5 81.7
119 30.9 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:131 Resp: 167
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.023 ppbv

RT: 8.936 min Scan# 21

Delta R.T. -0.010 min

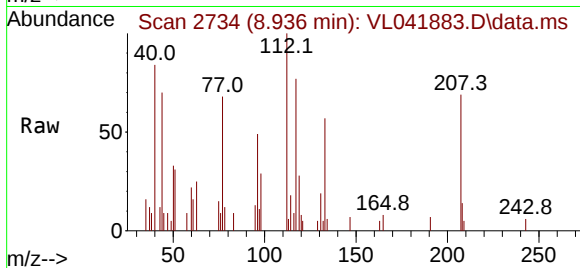
Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

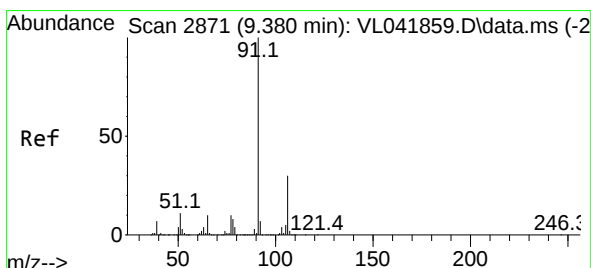
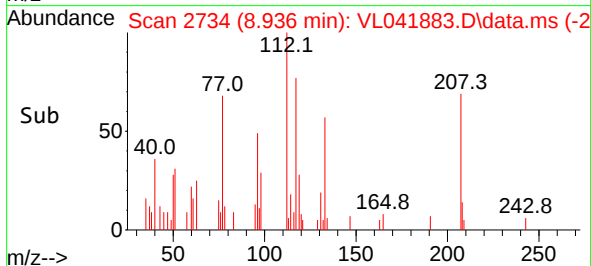
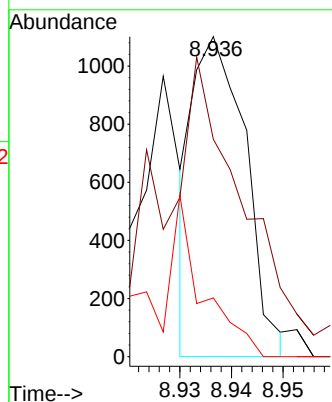
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	112	Resp:	781
Ion	Ratio	Lower	Upper
112	100		
77	35.1	58.3	87.5#
114	19.9	28.9	35.3#



#58

Ethyl Benzene

Concen: 0.007 ppbv

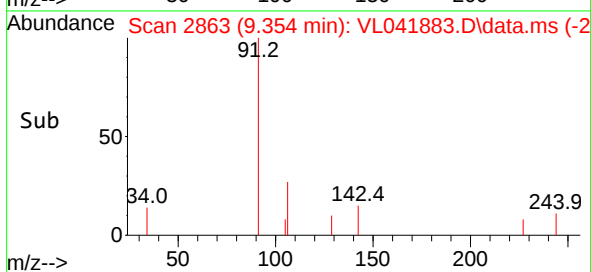
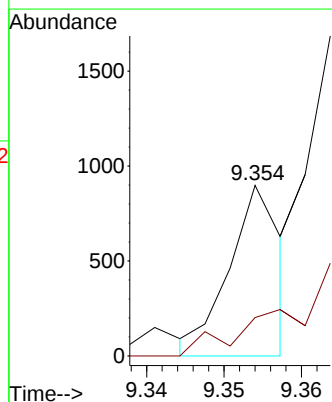
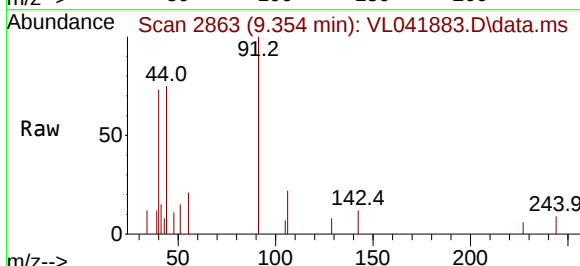
RT: 9.354 min Scan# 2863

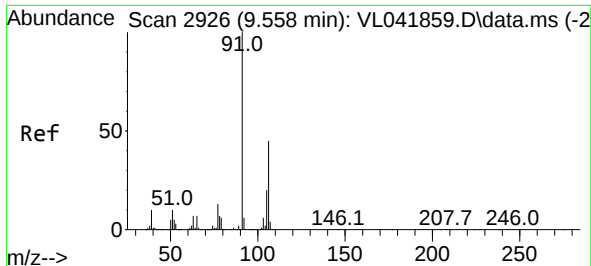
Delta R.T. -0.026 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion:	91	Resp:	419
Ion	Ratio	Lower	Upper
91	100		
106	27.2	24.2	36.2





#59

m/p-Xylene

Concen: 0.010 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

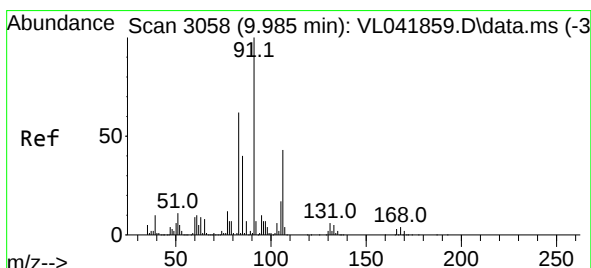
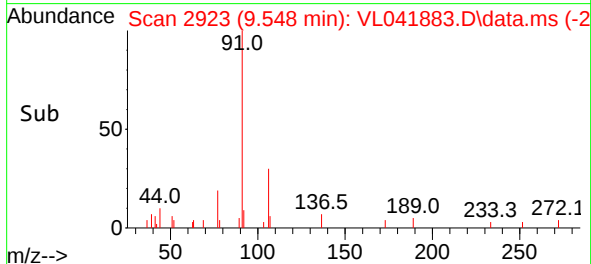
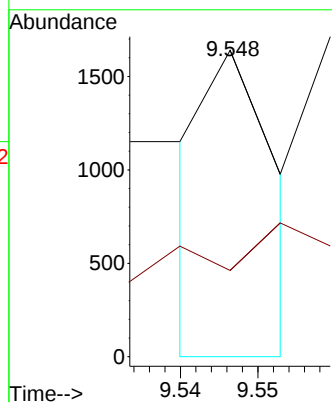
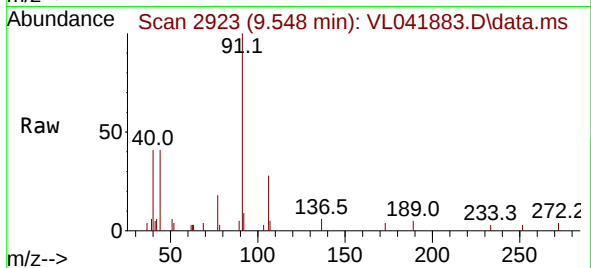
ClientSampleId :

Tgt Ion: 91 Resp: 508

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.027 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL041883.D

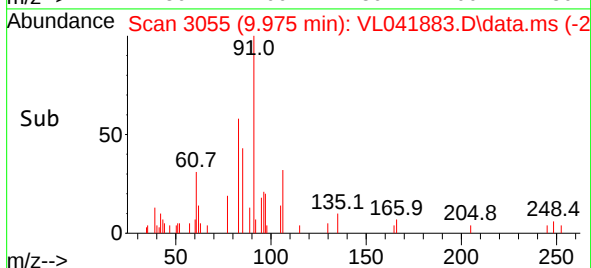
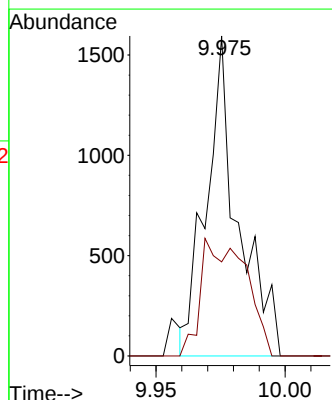
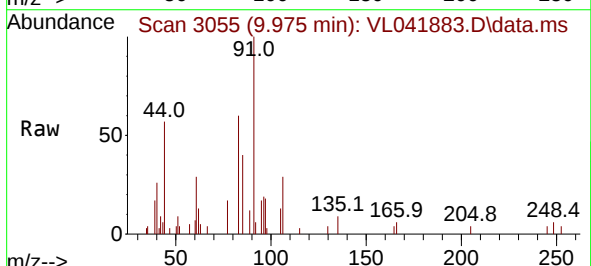
Acq: 10 Jan 2025 00:17

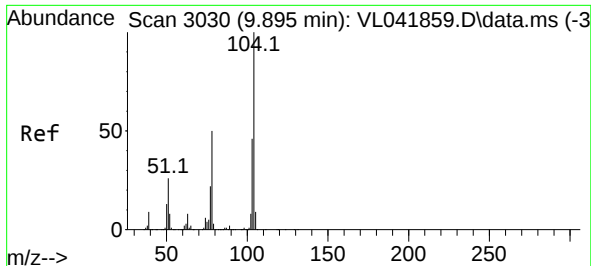
Tgt Ion: 91 Resp: 1368

Ion Ratio Lower Upper

91 100

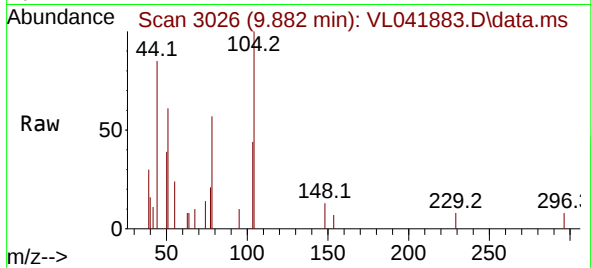
106 51.8 21.4 64.3



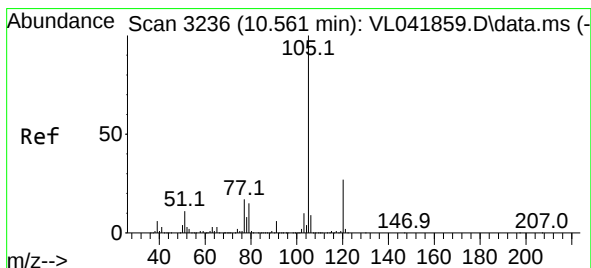
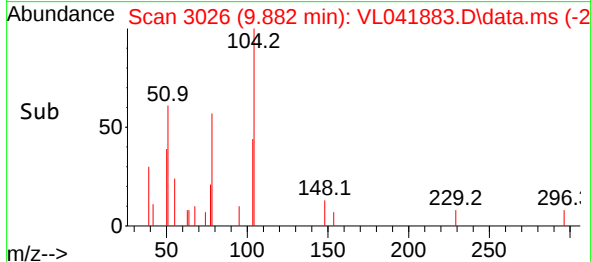
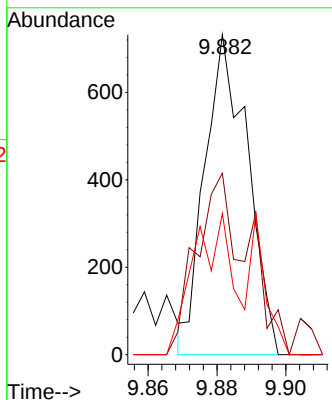


#61
Styrene
Concen: 0.025 ppbv
RT: 9.882 min Scan# 3030
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Instrument :
MSVOA_L
ClientSampleId :

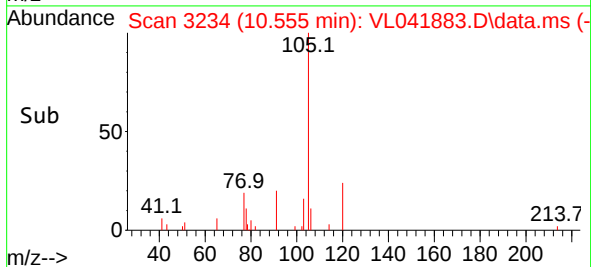
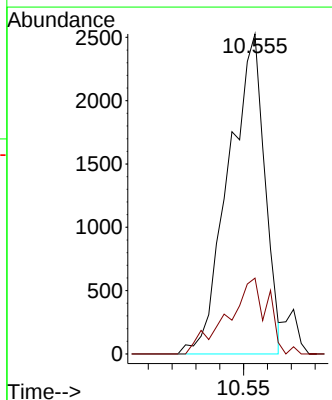
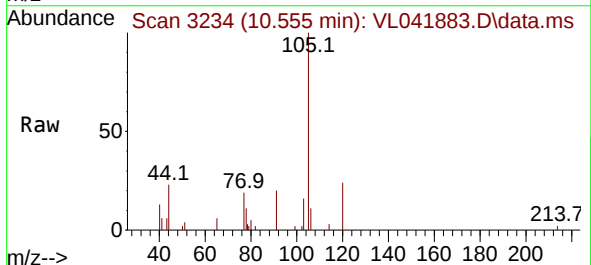


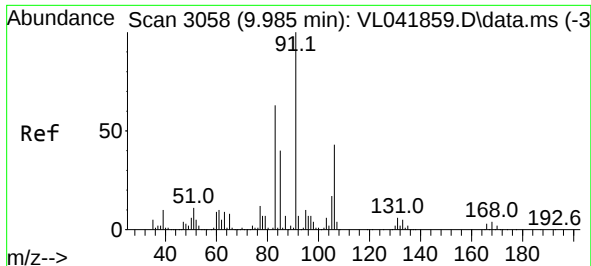
Tgt Ion:104 Resp: 629
Ion Ratio Lower Upper
104 100
78 73.0 40.7 61.1#
103 56.3 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.035 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:105 Resp: 2655
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.016 min

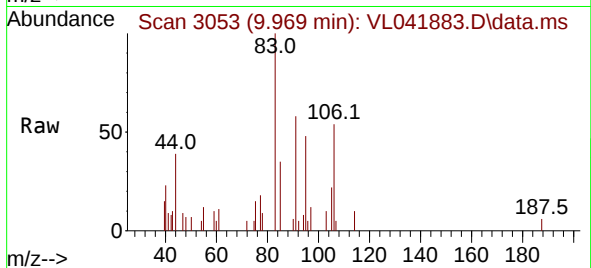
Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :



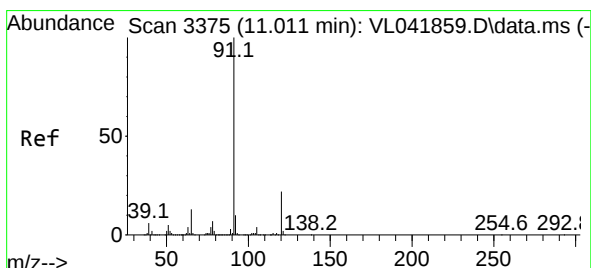
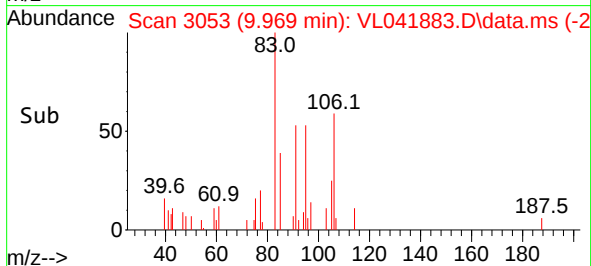
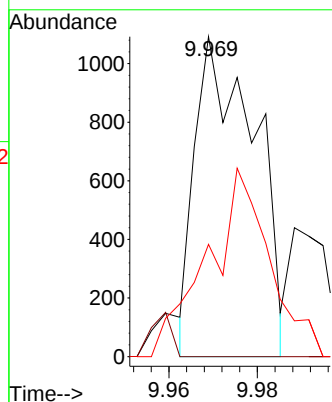
Tgt Ion: 83 Resp: 1023

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 61.2 32.1 96.3



#64

n-propylbenzene

Concen: 0.008 ppbv

RT: 11.001 min Scan# 3372

Delta R.T. -0.010 min

Lab File: VL041883.D

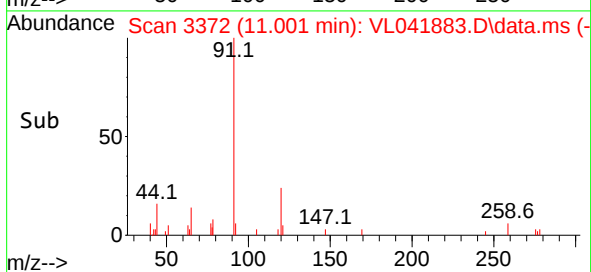
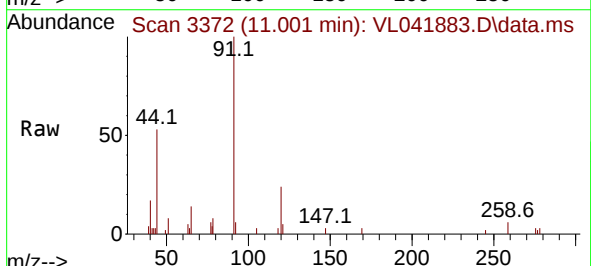
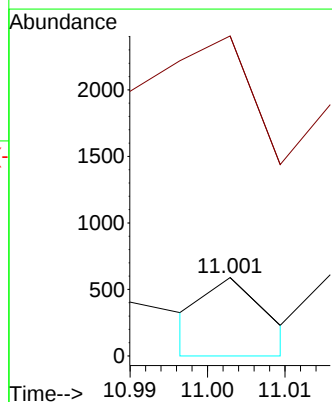
Acq: 10 Jan 2025 00:17

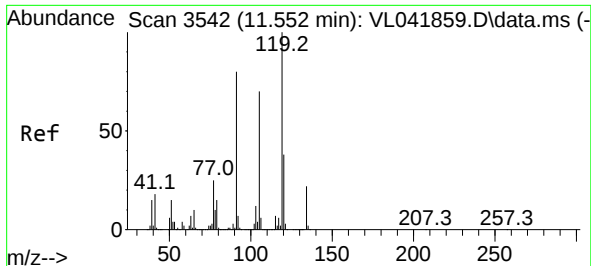
Tgt Ion: 120 Resp: 159

Ion Ratio Lower Upper

120 100

91 1727.0 376.9 565.3#

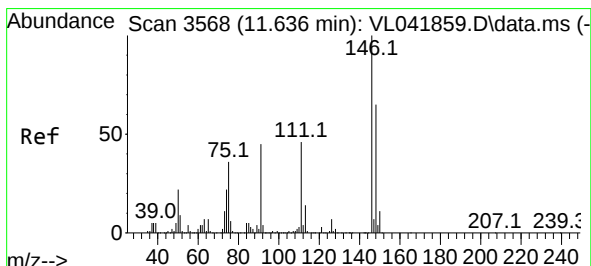
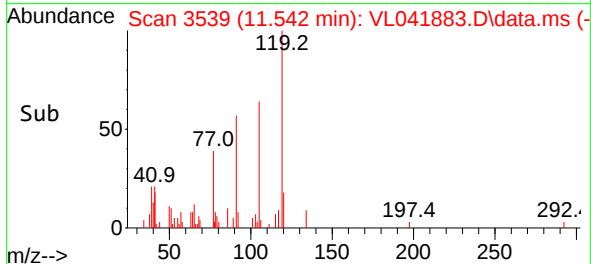
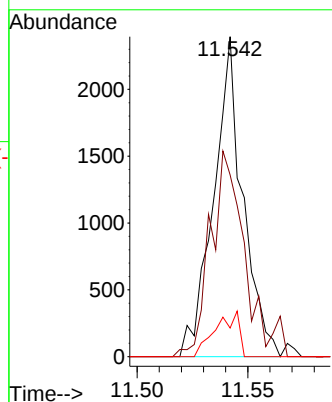
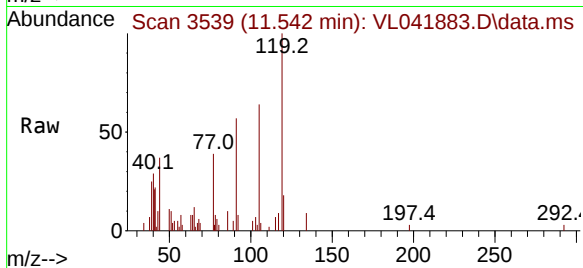




#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 11.542 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

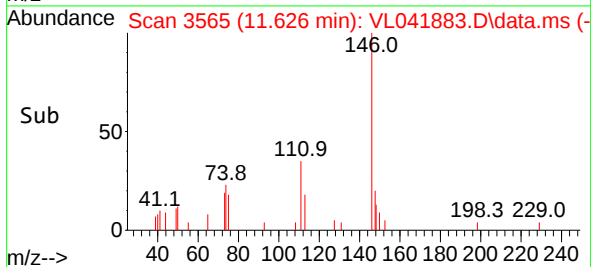
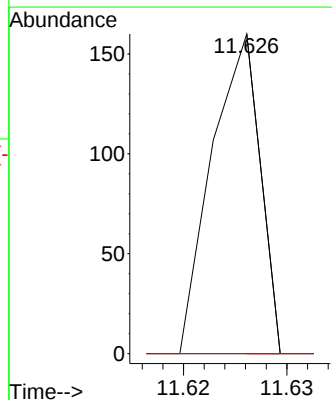
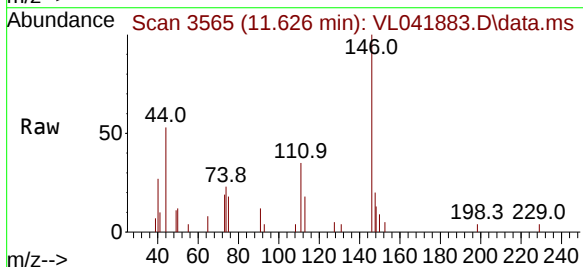
Instrument :
MSVOA_L
ClientSampleId :

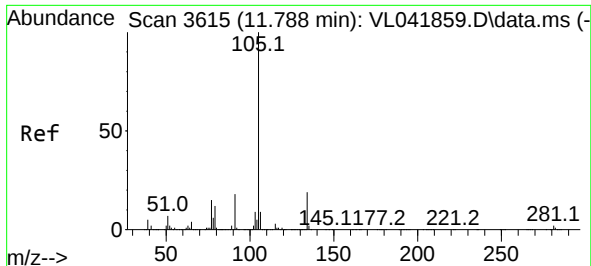
Tgt Ion:119 Resp: 2202
Ion Ratio Lower Upper
119 100
91 75.5 64.6 97.0
134 11.4 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

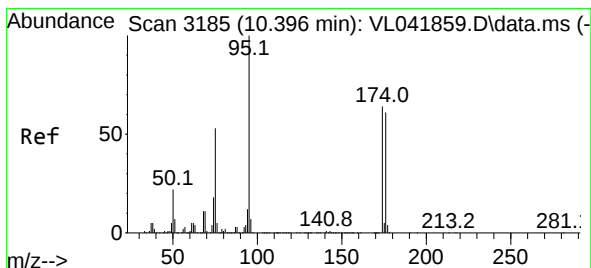
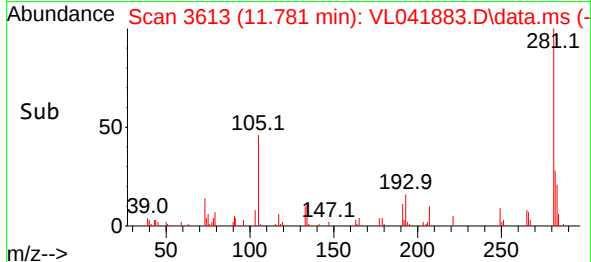
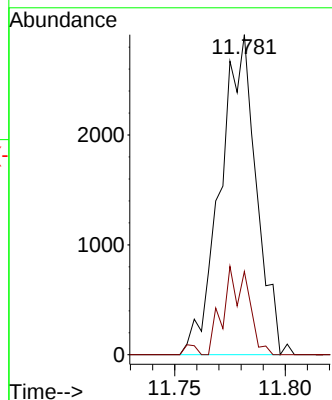
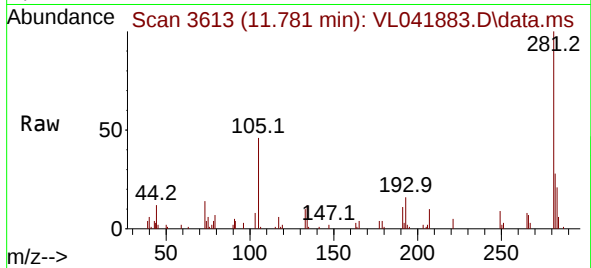




#67
 sec-Butylbenzene
 Concen: 0.035 ppbv
 RT: 11.781 min Scan# 3613
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

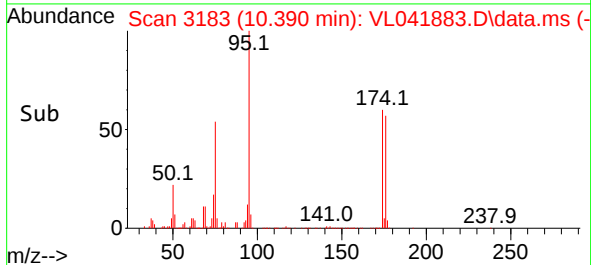
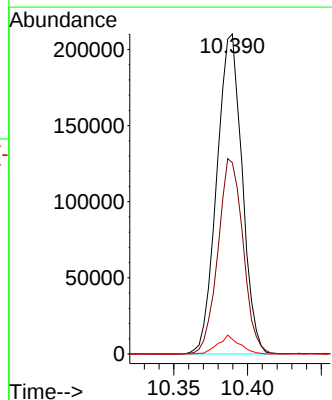
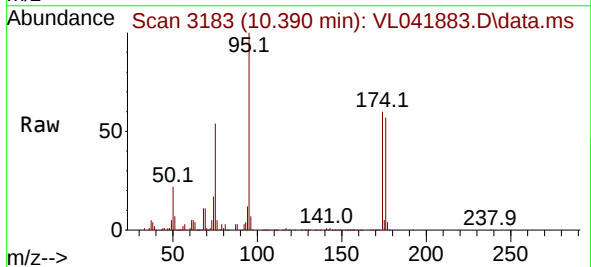
Instrument :
 MSVOA_L
 ClientSampleId :

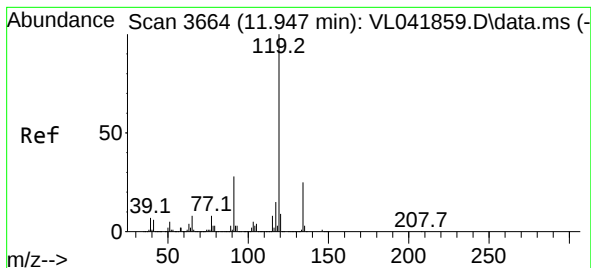
Tgt Ion:105 Resp: 3286
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.191 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 95 Resp: 251243
 Ion Ratio Lower Upper
 95 100
 174 60.7 51.1 76.7
 175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.031 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.010 min

Lab File: VL041883.D

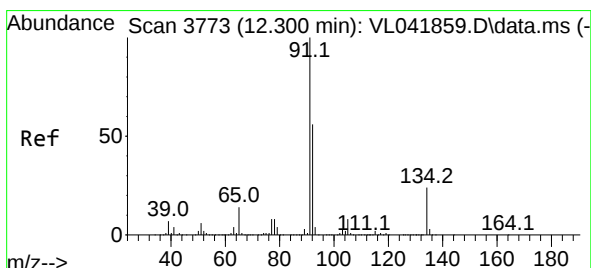
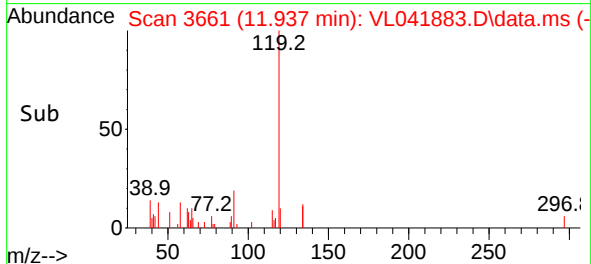
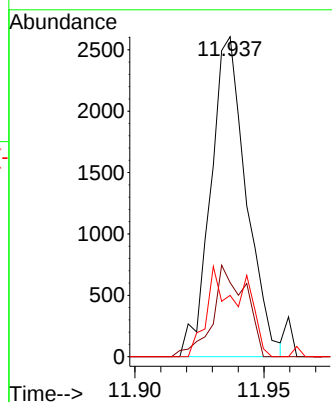
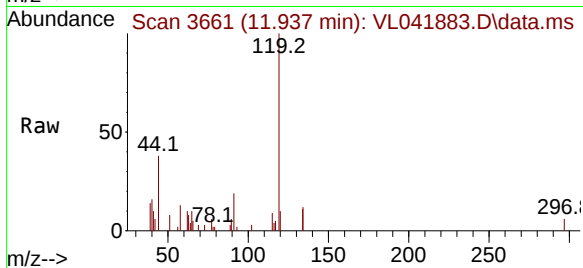
Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	2496
Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.3	30.5
91	28.8	22.6	34.0



#70

n-Butylbenzene

Concen: 0.026 ppbv

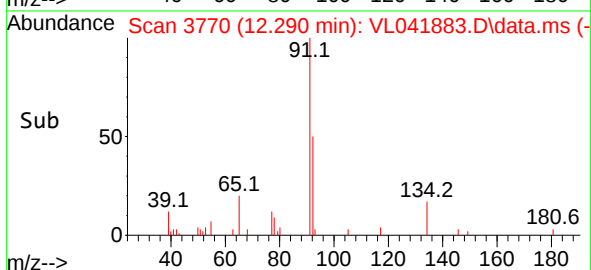
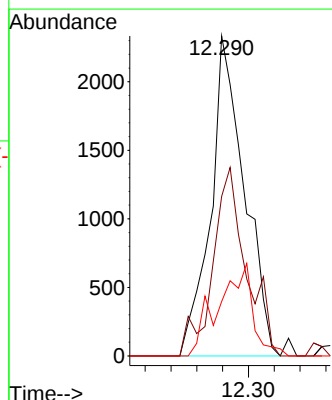
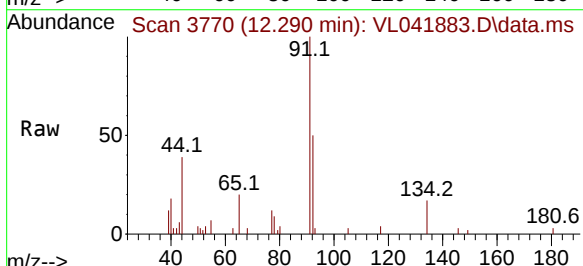
RT: 12.290 min Scan# 3770

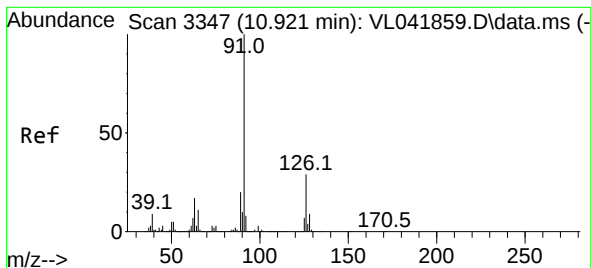
Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion:	91	Resp:	2119
Ion	Ratio	Lower	Upper
91	100		
92	58.6	43.8	65.8
134	29.8	19.3	28.9#

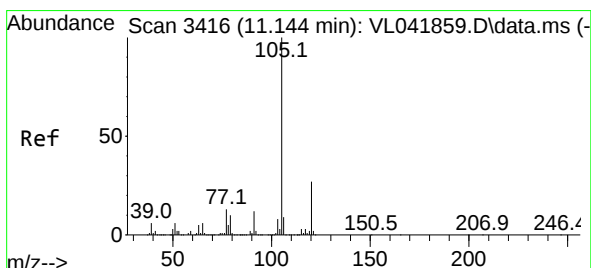
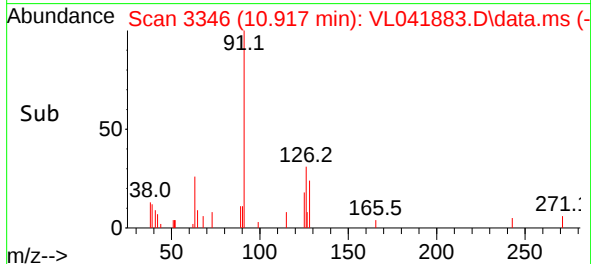
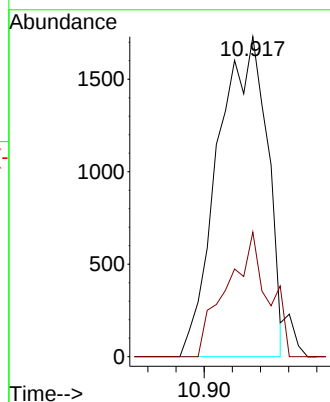
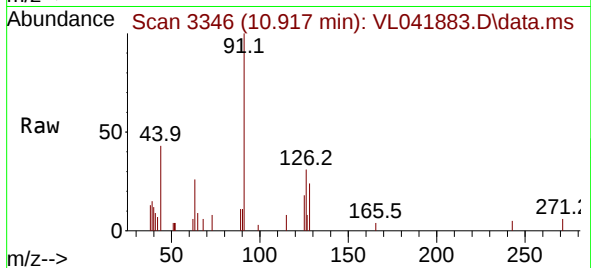




#71
2-Chlorotoluene
Concen: 0.036 ppbv
RT: 10.917 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

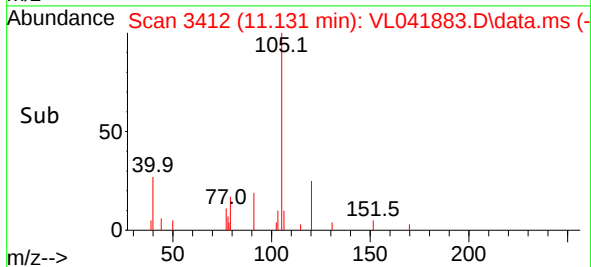
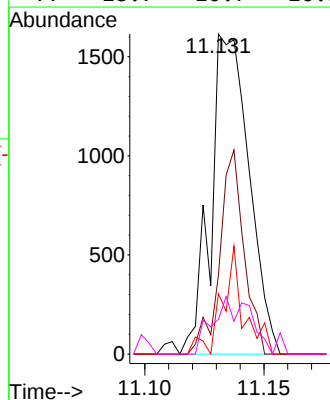
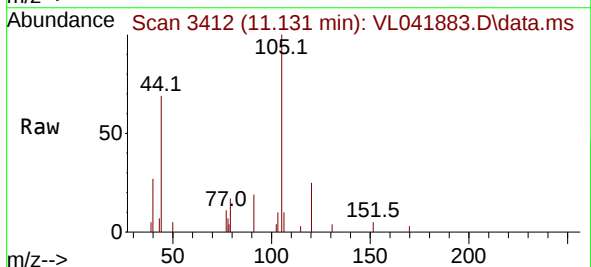
Instrument :
MSVOA_L
ClientSampleId :

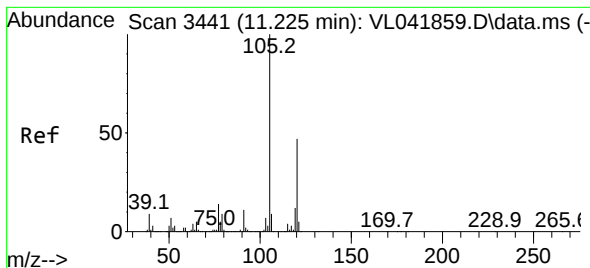
Tgt Ion: 91 Resp: 2103
Ion Ratio Lower Upper
91 100
126 32.2 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.029 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 105 Resp: 1801
Ion Ratio Lower Upper
105 100
120 40.8 23.5 35.3#
91 19.0 9.8 14.8#
77 18.7 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.027 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

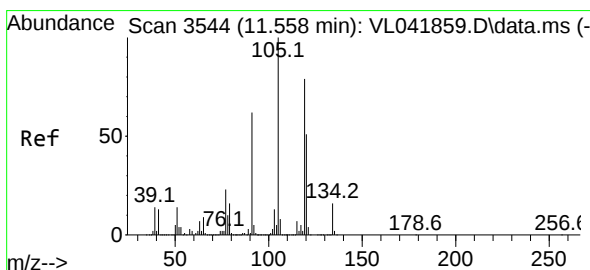
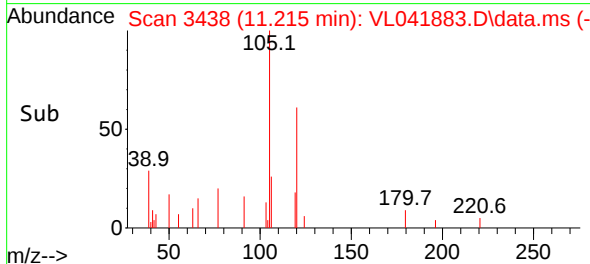
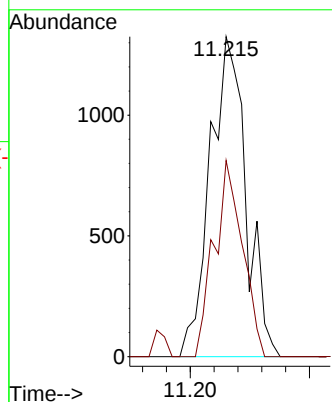
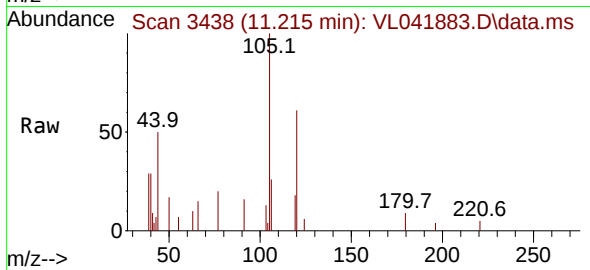
ClientSampleId :

Tgt Ion:105 Resp: 1386

Ion Ratio Lower Upper

105 100

120 61.3 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.033 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion:105 Resp: 1878

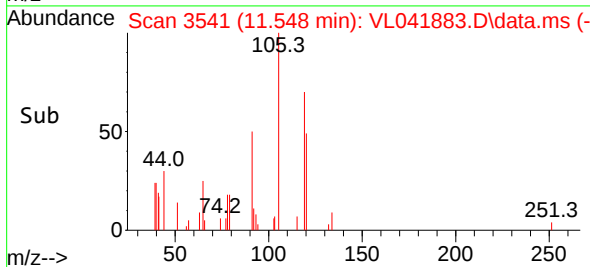
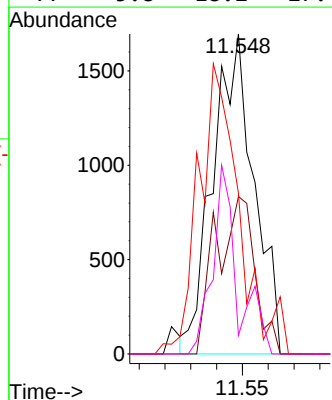
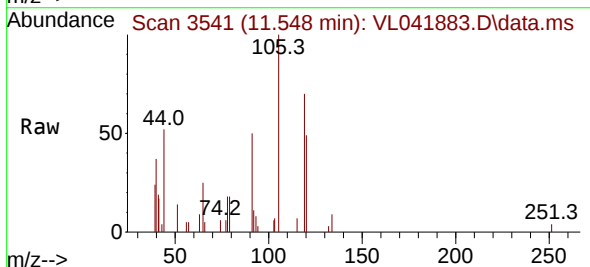
Ion Ratio Lower Upper

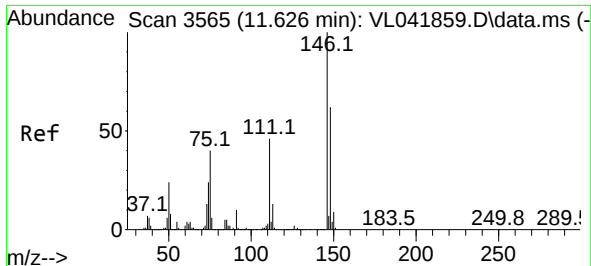
105 100

120 49.2 41.1 61.7

91 44.9 50.0 75.0#

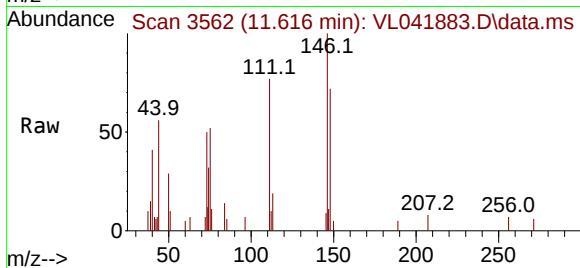
77 5.8 18.2 27.4#



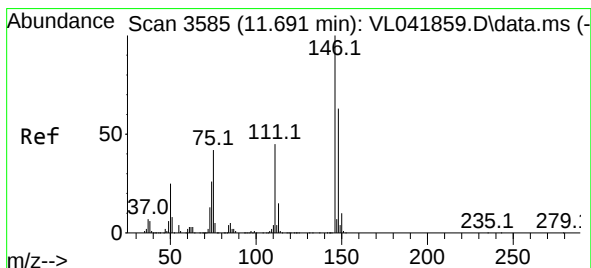
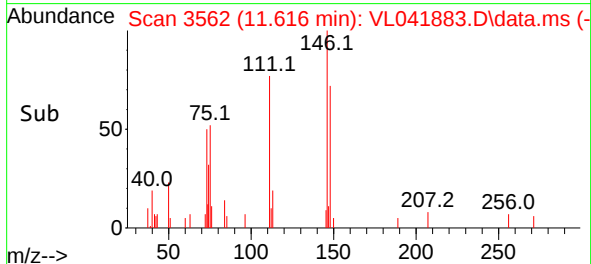
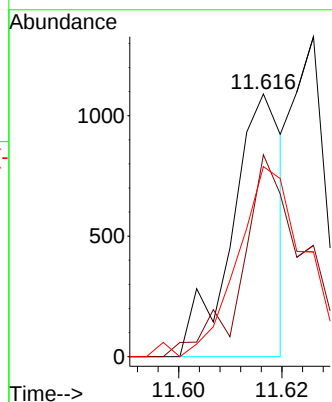


#75
1,3-Dichlorobenzene
Concen: 0.022 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Instrument :
MSVOA_L
ClientSampleId :

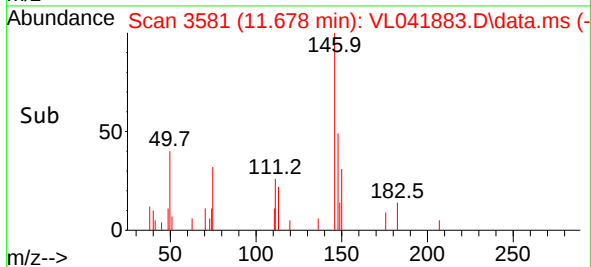
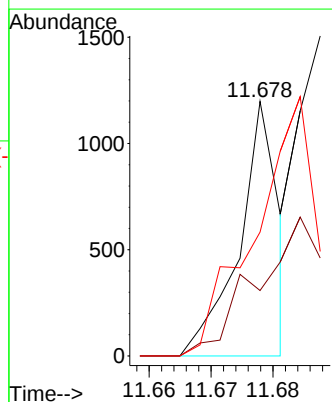
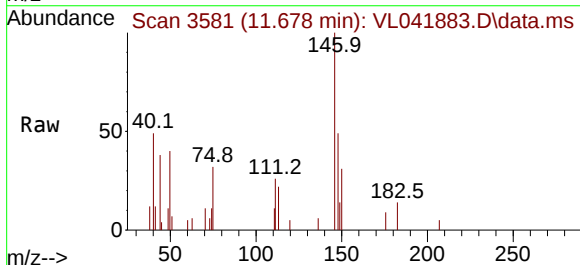


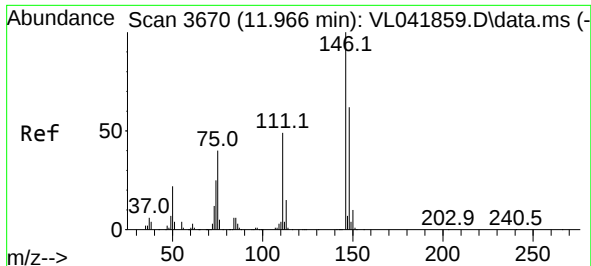
Tgt Ion:146 Resp: 742
Ion Ratio Lower Upper
146 100
111 91.1 23.2 69.5#
148 105.9 31.6 94.7#



#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:146 Resp: 531
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#

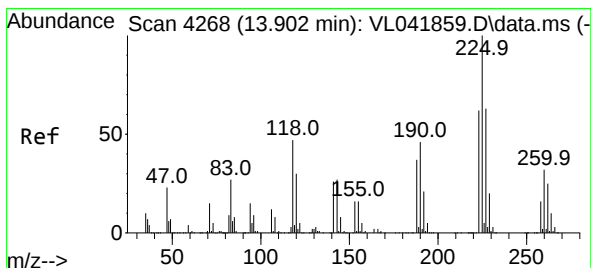
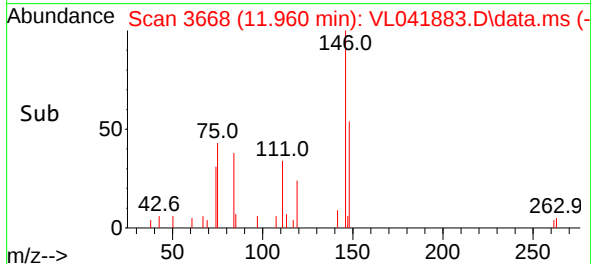
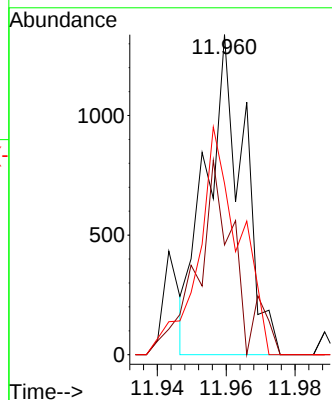
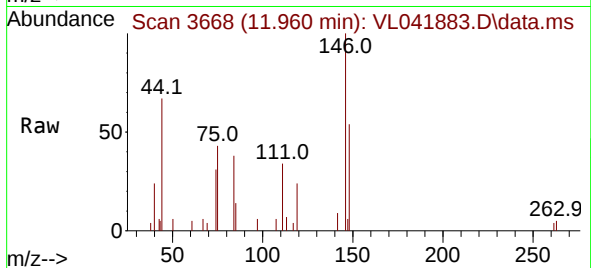




#77
1,2-Dichlorobenzene
Concen: 0.032 ppbv
RT: 11.960 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

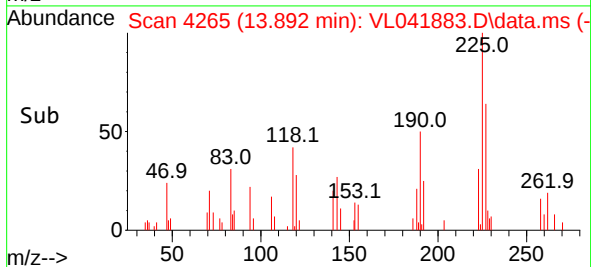
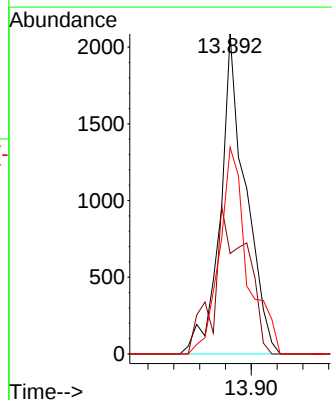
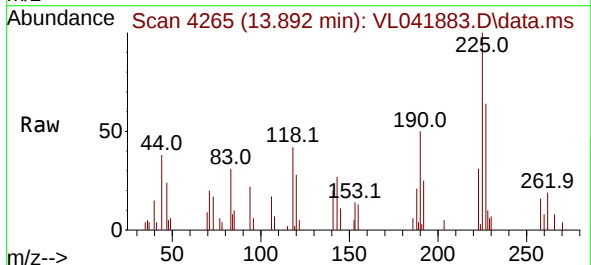
Instrument :
MSVOA_L
ClientSampleId :

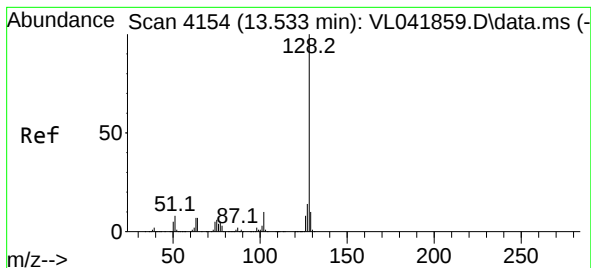
Tgt Ion:146 Resp: 1027
Ion Ratio Lower Upper
146 100
111 60.8 24.1 72.3
148 75.9 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.052 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:225 Resp: 1415
Ion Ratio Lower Upper
225 100
223 59.4 50.6 75.8
227 71.4 50.9 76.3





#79

Naphthalene

Concen: 0.033 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.007 min

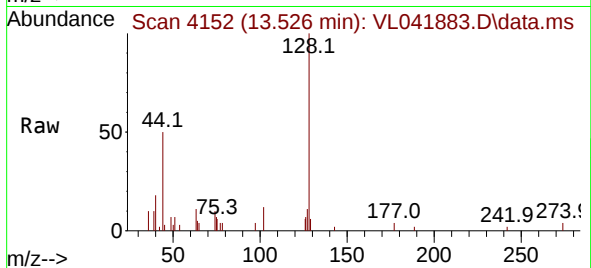
Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

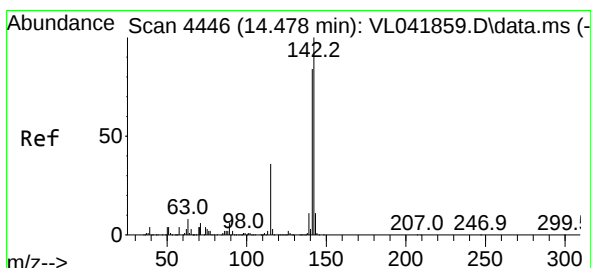
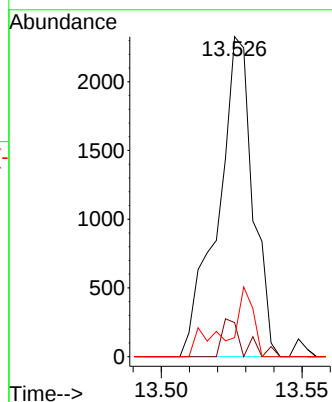
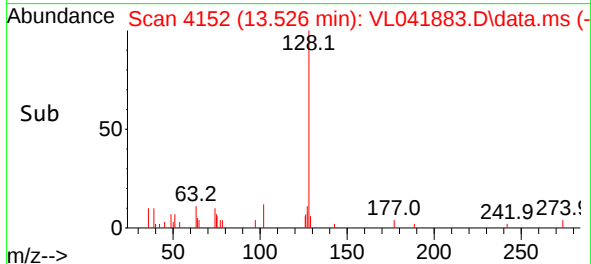
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	128	Resp:	2011
Ion Ratio	Lower	Upper	
128	100		
127	10.7	10.8	16.2#
129	5.9	8.2	12.4#



#80

Naphthalene,2-methyl-

Concen: 0.026 ppbv

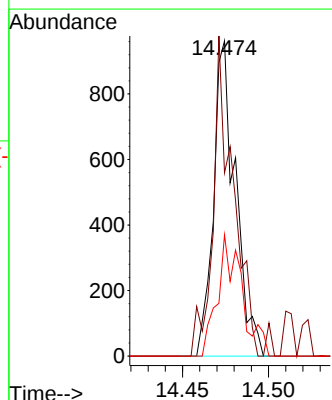
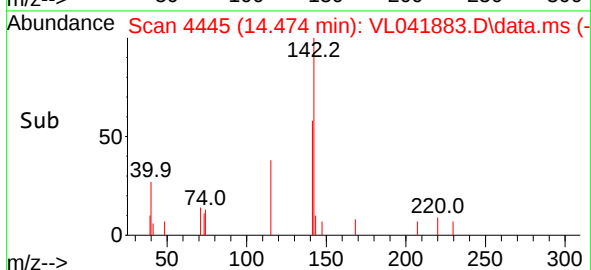
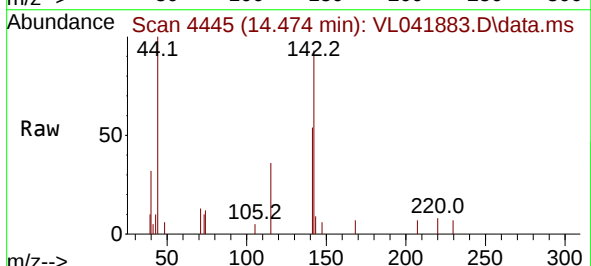
RT: 14.474 min Scan# 4445

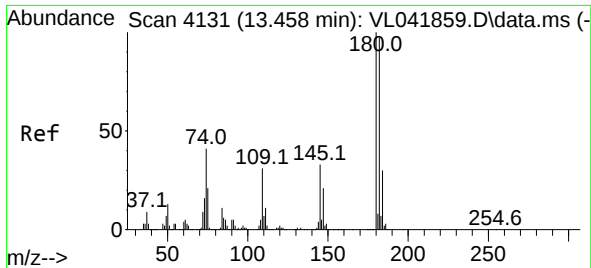
Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

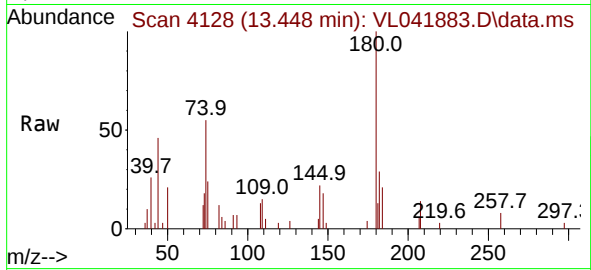
Tgt Ion:	142	Resp:	849
Ion Ratio	Lower	Upper	
142	100		
141	95.6	68.2	102.4
115	43.0	29.4	44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.029 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 825
 Ion Ratio Lower Upper
 180 100
 182 125.1 75.8 113.8#
 184 57.6 24.1 36.1#

