

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041876.D
 Acq On : 09 Jan 2025 20:46
 Operator : SY/MD
 Sample : QC010725 CAN 10601
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:48:39 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	2.800	49	114286	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	340666	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	300213	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 248334 10.316 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.200%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.505	85	332	0.018	ppbv #	71
3) Chlorodifluoromethane	1.473	51	473	0.023	ppbv #	58
4) Chloromethane	1.538	50	274	0.038	ppbv #	83
5) Vinyl Chloride	1.554	62	28	0.004	ppbv #	45
6) Bromomethane	1.670	94	23	0.006	ppbv #	1
7) Chloroethane	1.674	64	25	0.008	ppbv #	1
8) Dichlorotetrafluoroethane	1.505	85	332	0.020	ppbv #	29
9) Propene	1.492	41	838	0.087	ppbv #	23
10) Heptane	5.007	43	80	0.003	ppbv #	27
11) Trichlorofluoromethane	1.884	101	121	0.006	ppbv #	17
12) 1,1,2-Trichlorotrifluo...	1.884	101	121	0.008	ppbv #	12
13) Ethanol	1.729	45	1442	2.361	ppbv	100
14) Bromoethene	1.764	108	27	0.005	ppbv #	1
15) Acetone	1.845	43	2492	0.129	ppbv #	81
16) 1,3-Butadiene	1.609	39	337	0.041	ppbv #	57
17) tert-Butyl alcohol	2.056	59	89	0.004	ppbv #	1
18) 1,1-Dichloroethene	2.056	96	31	0.004	ppbv #	1
19) Isopropyl Alcohol	1.894	45	1196	0.118	ppbv #	48
20) Methylene Chloride	2.072	84	942	0.143	ppbv #	85
21) Allyl Chloride	2.104	41	162	0.013	ppbv #	21
22) trans-1,2-Dichloroethene	2.347	96	49	0.006	ppbv #	1
23) Vinyl Acetate	2.473	43	408	0.042	ppbv #	12
24) 1,1-Dichloroethane	2.399	63	19	0.001	ppbv #	88
25) Ethyl Acetate	2.845	43	292	0.006	ppbv #	74
26) Hexane	2.839	57	368	0.019	ppbv #	47
27) Carbon Disulfide	2.153	76	38	0.002	ppbv #	65
28) Methyl tert-Butyl Ether	2.256	73	27	0.002	ppbv #	1
29) Chloroform	2.855	83	130	0.005	ppbv #	18
30) Cyclohexane	3.904	84	26	0.002	ppbv #	1
31) cis-1,2-Dichloroethene	2.645	61	25	0.001	ppbv #	24
32) 1,1,1-Trichloroethane	3.470	97	28	0.001	ppbv #	31
34) 2-Butanone	2.570	43	189	0.007	ppbv #	52
35) Carbon Tetrachloride	3.774	117	56	0.002	ppbv #	47
36) Benzene	3.674	78	152	0.004	ppbv #	61
37) 1,2-Dichloroethane	2.865	62	21	0.001	ppbv #	80
38) Trichloroethene	4.968	130	39	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.975	63	85393	6.074	ppbv #	22
40) 1,4-Dioxane	4.784	88	31	0.004	ppbv #	17
41) Tetrahydrofuran	3.088	42	116	0.007	ppbv #	37
42) Bromodichloromethane	4.522	83	31	0.001	ppbv #	26
43) Methyl Methacrylate	4.849	69	74	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	25	0.000	ppbv #	1
45) t-1,3-Dichloropropene	6.370	75	60	0.004	ppbv #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:48:39 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

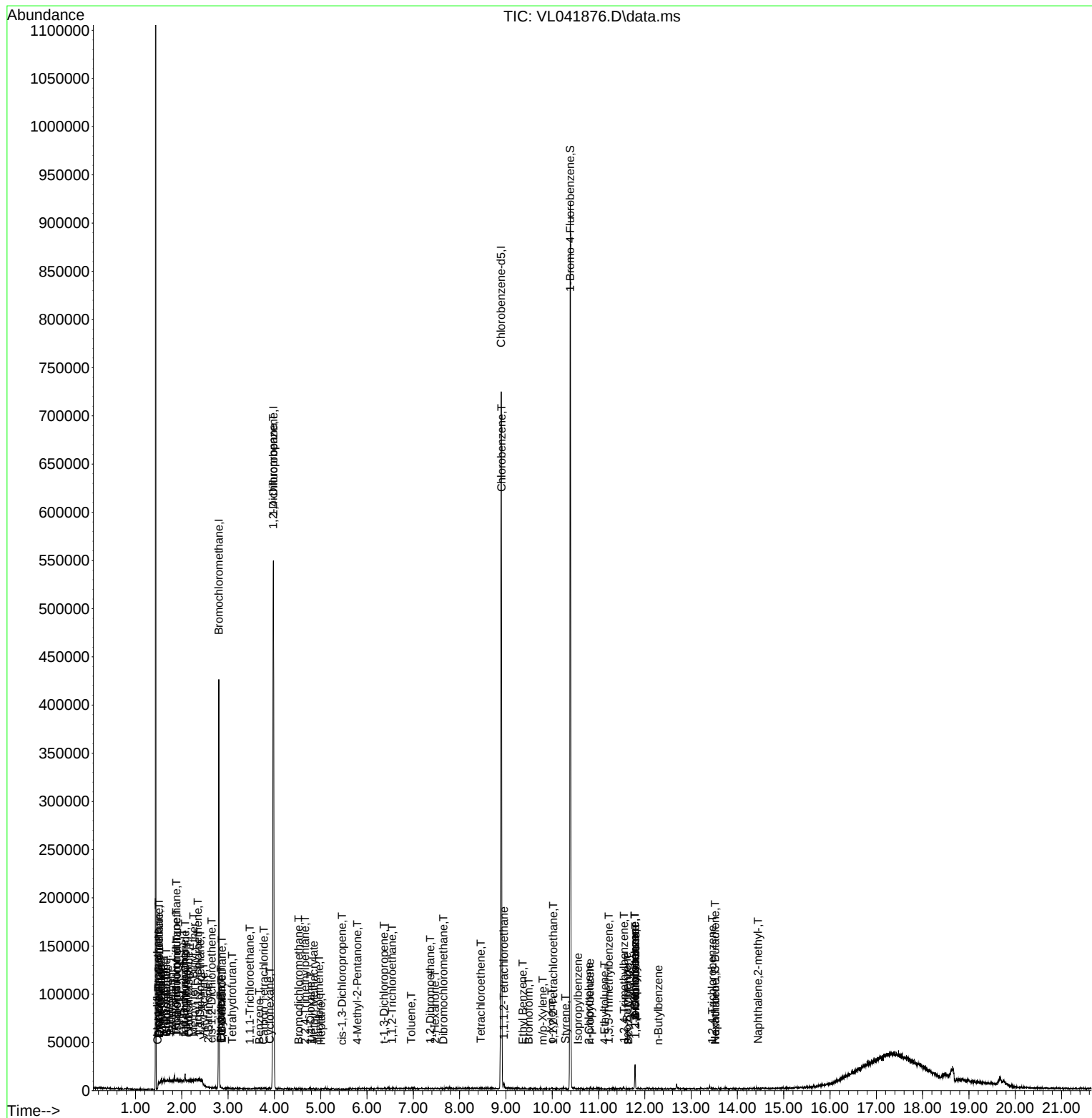
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.460	75	26	0.001	ppbv #	27
47) 1,1,2-Trichloroethane	6.542	97	74	0.005	ppbv #	15
48) Dibromochloromethane	7.648	129	25	0.001	ppbv #	1
49) Bromoform	9.490	173	48	0.002	ppbv #	28
50) 4-Methyl-2-Pentanone	5.791	43	50	0.001	ppbv #	38
51) 2-Hexanone	7.467	43	55	0.002	ppbv #	28
52) Tetrachloroethene	8.454	164	24	0.002	ppbv #	1
53) Toluene	6.956	91	78	0.002	ppbv #	30
54) 1,2-Dibromoethane	7.367	107	25	0.001	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	8.959	131	71	0.004	ppbv #	1
57) Chlorobenzene	8.904	112	32	0.001	ppbv #	1
58) Ethyl Benzene	9.361	91	15	0.000	ppbv #	44
59) m/p-Xylene	9.794	91	36	0.001	ppbv #	100
60) o-Xylene	9.985	91	34	0.001	ppbv #	33
61) Styrene	10.283	104	36	0.001	ppbv #	5
62) Isopropylbenzene	10.558	105	38	0.001	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	10.021	83	27	0.001	ppbv #	25
64) n-propylbenzene	10.814	120	28	0.001	ppbv	89
65) tert-Butylbenzene	11.788	119	209	0.003	ppbv #	16
66) Benzyl Chloride	11.642	91	51	0.007	ppbv #	66
67) sec-Butylbenzene	11.613	105	23	0.000	ppbv #	1
69) p-Isopropyltoluene	11.788	119	209	0.003	ppbv #	57
70) n-Butylbenzene	12.293	91	22	0.000	ppbv #	1
71) 2-Chlorotoluene	10.794	91	44	0.001	ppbv #	46
72) 4-Ethyltoluene	11.128	105	24	0.000	ppbv #	36
73) 1,3,5-Trimethylbenzene	11.218	105	41	0.001	ppbv #	30
74) 1,2,4-Trimethylbenzene	11.552	105	50	0.001	ppbv #	27
75) 1,3-Dichlorobenzene	11.782	146	44	0.001	ppbv #	84
76) 1,4-Dichlorobenzene	11.782	146	44	0.001	ppbv	97
77) 1,2-Dichlorobenzene	11.801	146	24	0.001	ppbv #	1
78) Hexachloro-1,3-Butadiene	13.516	225	24	0.001	ppbv #	19
79) Naphthalene	13.523	128	14	0.000	ppbv #	69
80) Naphthalene,2-methyl-	14.442	142	84	0.003	ppbv #	78
81) 1,2,4-Trichlorobenzene	13.455	180	88	0.003	ppbv #	18

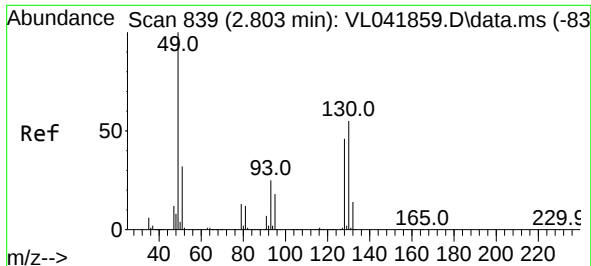
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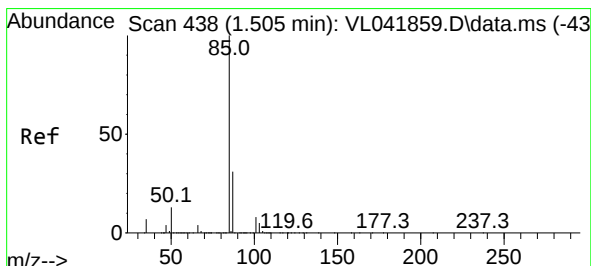
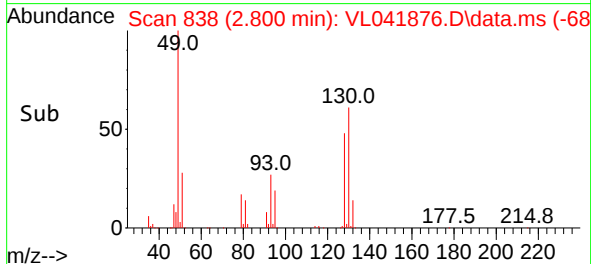
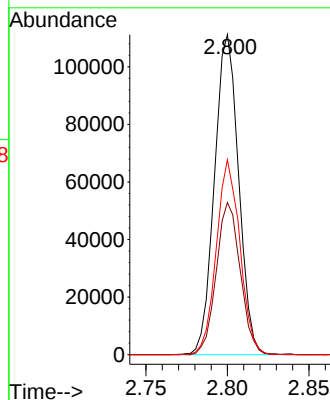
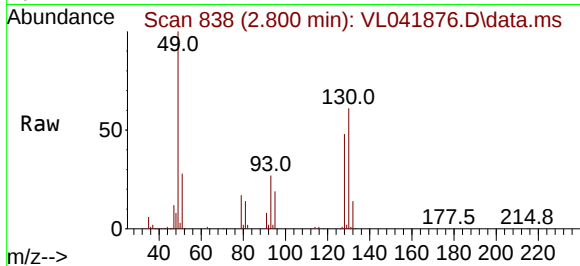




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

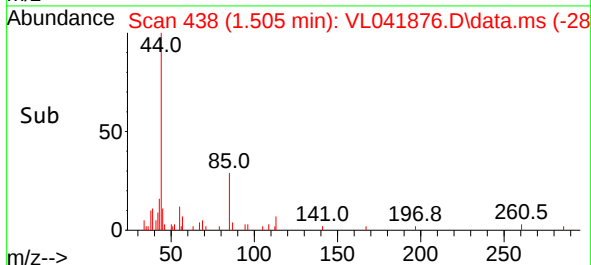
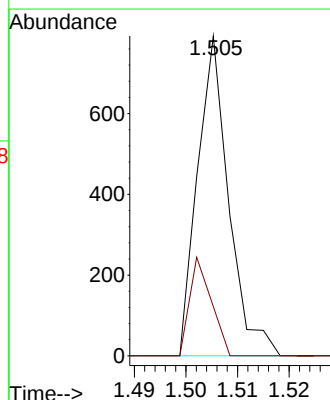
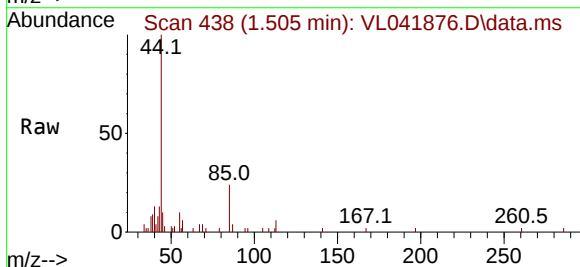
Instrument :
 MSVOA_L
 ClientSampleId :

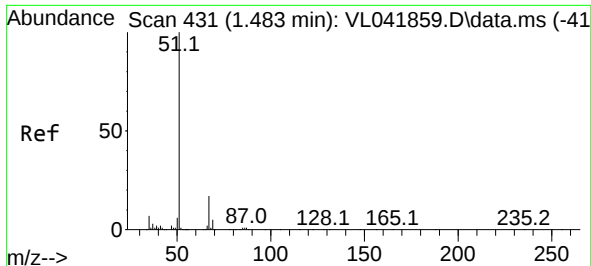
Tgt Ion: 49 Resp: 114286
 Ion Ratio Lower Upper
 49 100
 128 47.3 23.2 69.5
 130 59.5 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.018 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

Tgt Ion: 85 Resp: 332
 Ion Ratio Lower Upper
 85 100
 87 15.4 25.2 37.8#

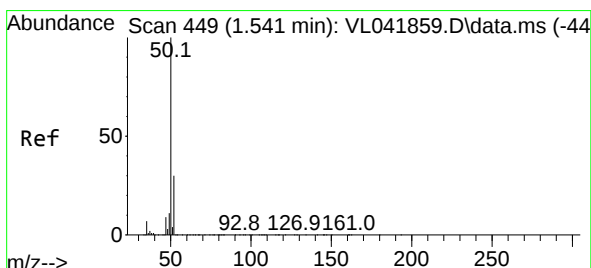
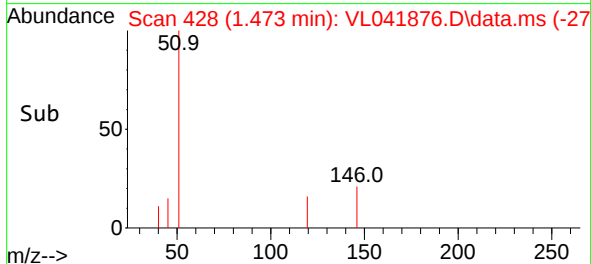
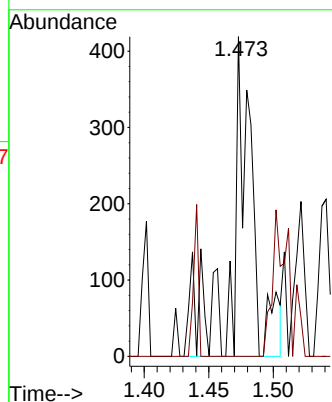
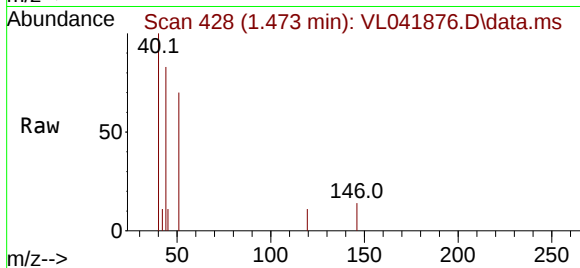




#3
Chlorodifluoromethane
Concen: 0.023 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

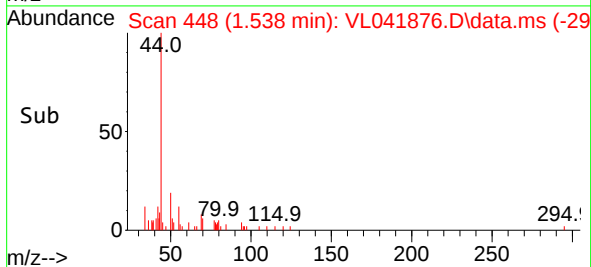
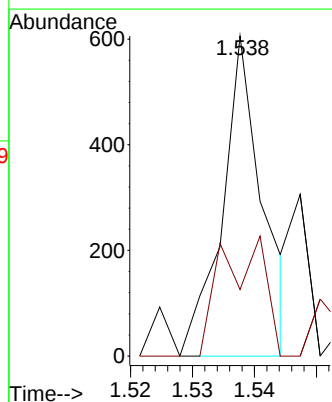
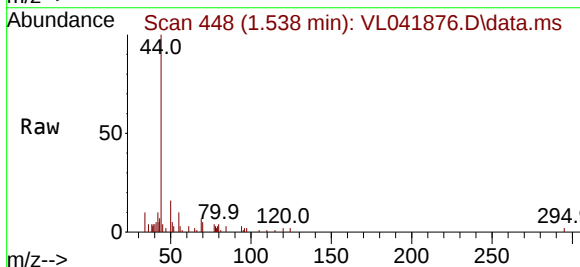
Instrument :
MSVOA_L
ClientSampleId :

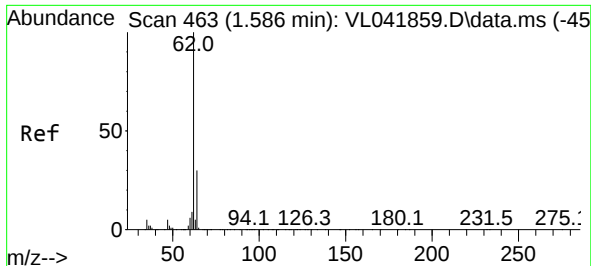
Tgt Ion: 51 Resp: 473
Ion Ratio Lower Upper
51 100
67 35.7 13.8 20.8#



#4
Chloromethane
Concen: 0.038 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 50 Resp: 274
Ion Ratio Lower Upper
50 100
52 20.8 23.9 35.9#

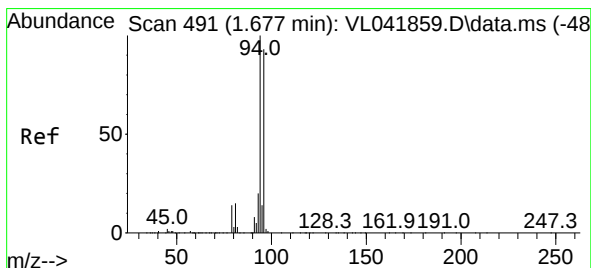
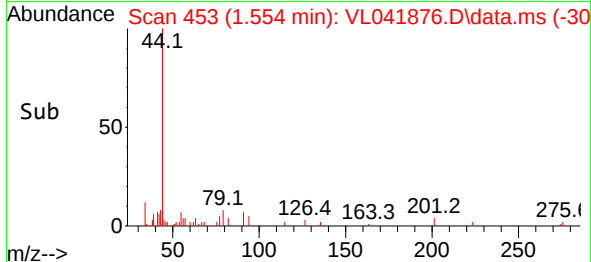
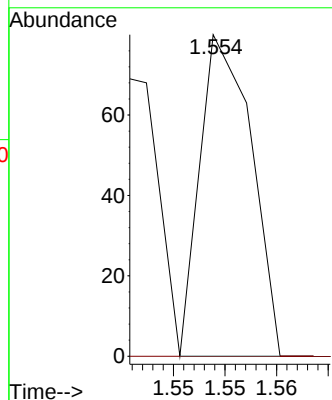
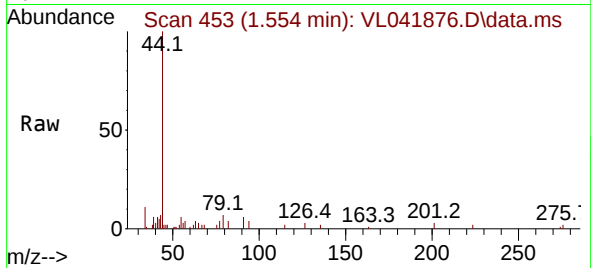




#5
 Vinyl Chloride
 Concen: 0.004 ppbv
 RT: 1.554 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

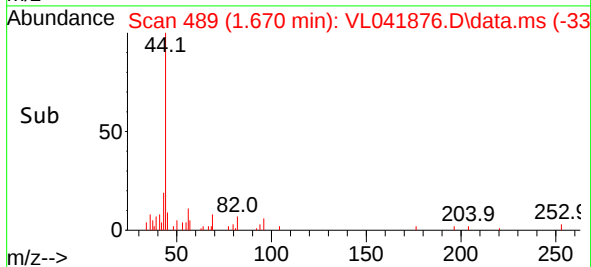
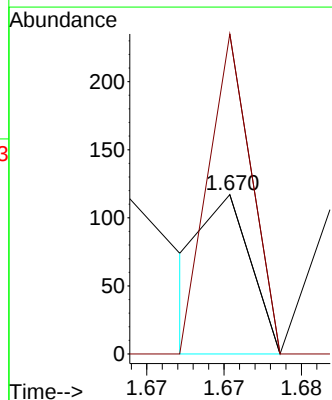
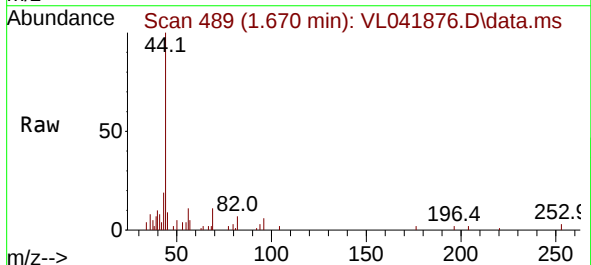
Instrument :
 MSVOA_L
 ClientSampleId :

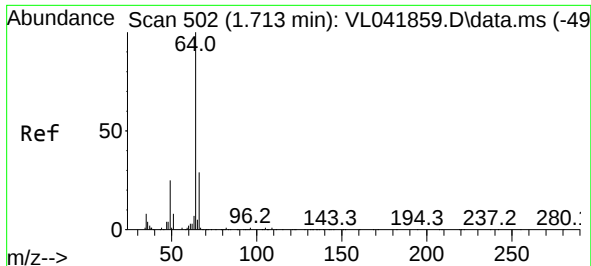
Tgt Ion: 62 Resp: 28
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.006 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.007 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

Tgt Ion: 94 Resp: 23
 Ion Ratio Lower Upper
 94 100
 96 200.9 74.8 112.2#

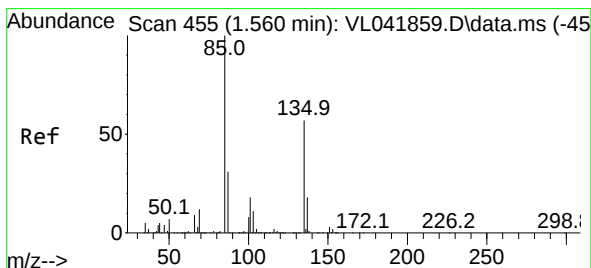
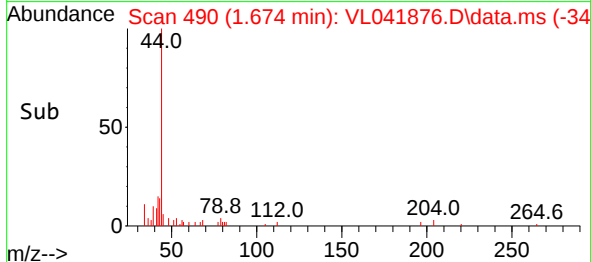
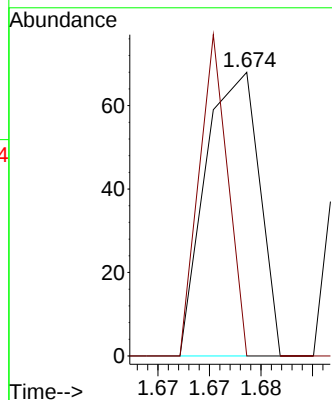
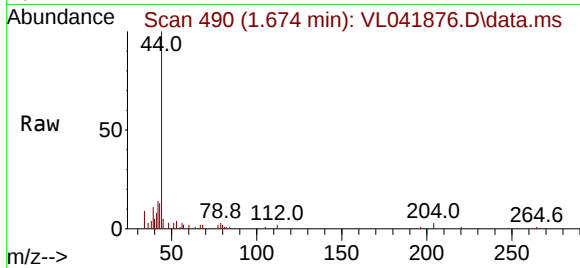




#7
Chloroethane
Concen: 0.008 ppbv
RT: 1.674 min Scan# 490
Delta R.T. -0.039 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

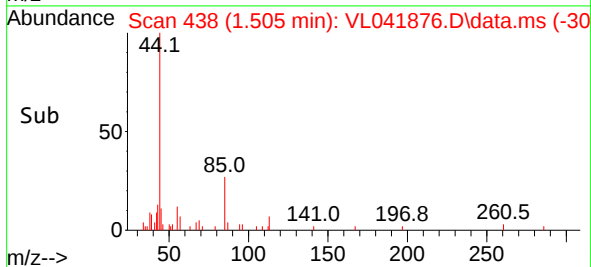
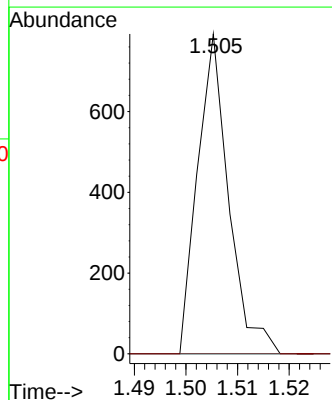
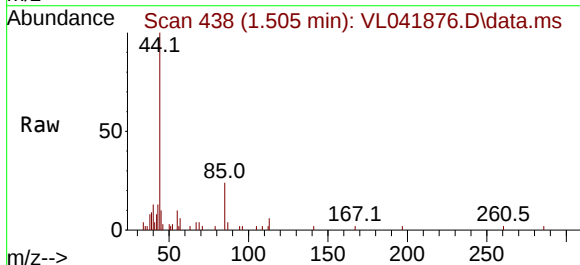
Instrument :
MSVOA_L
ClientSampleId :

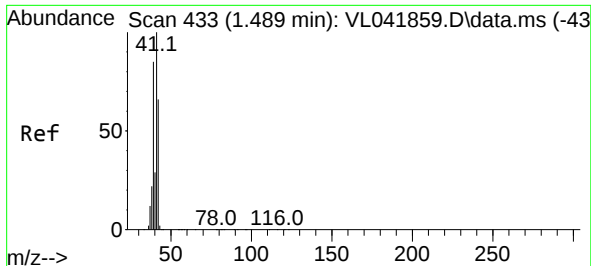
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 117.6 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.020 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.055 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 85 Resp: 332
Ion Ratio Lower Upper
85 100
135 9.3 52.2 78.4#





#9

Propene

Concen: 0.087 ppbv

RT: 1.492 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

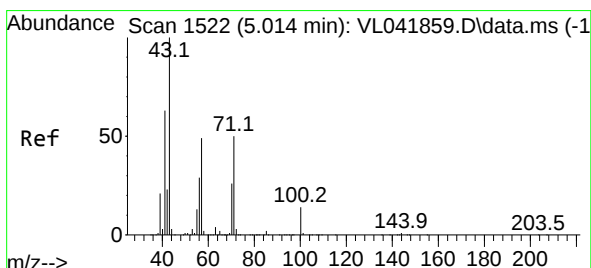
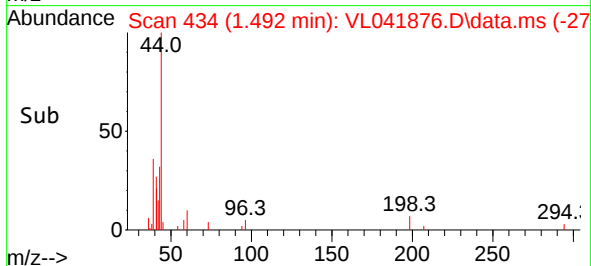
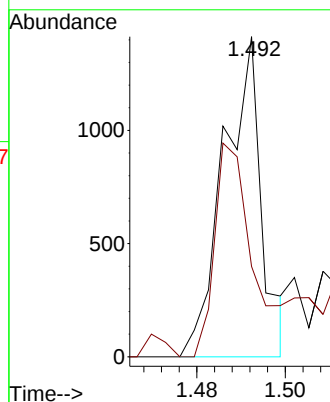
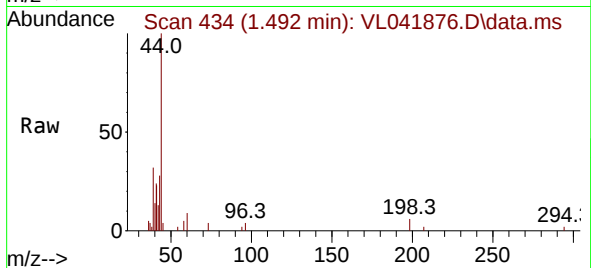
ClientSampleId :

Tgt Ion: 41 Resp: 838

Ion Ratio Lower Upper

41 100

42 127.8 53.0 79.6#



#10

Heptane

Concen: 0.003 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.007 min

Lab File: VL041876.D

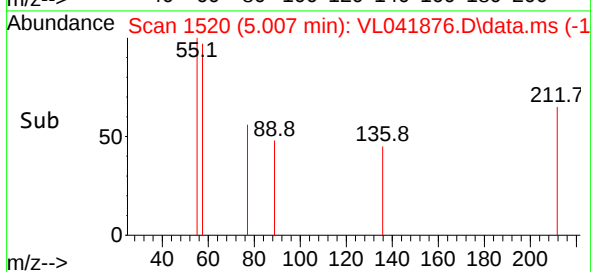
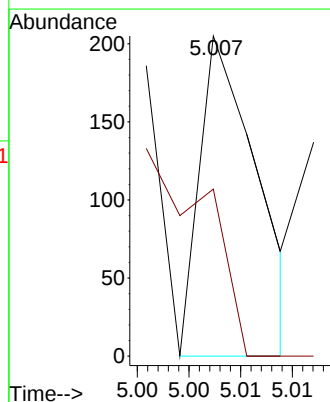
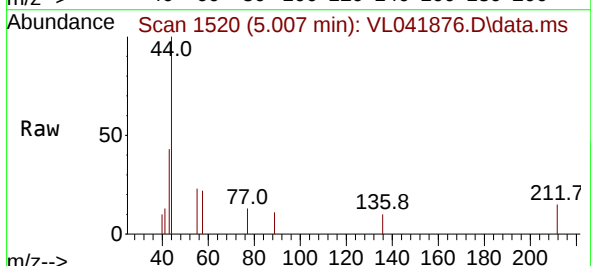
Acq: 09 Jan 2025 20:46

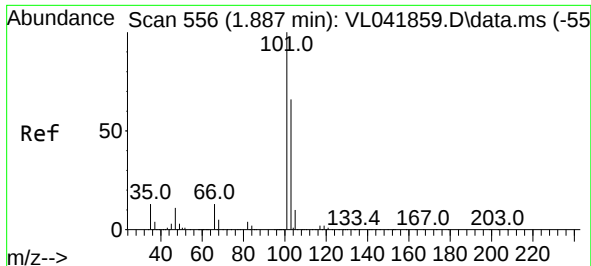
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#

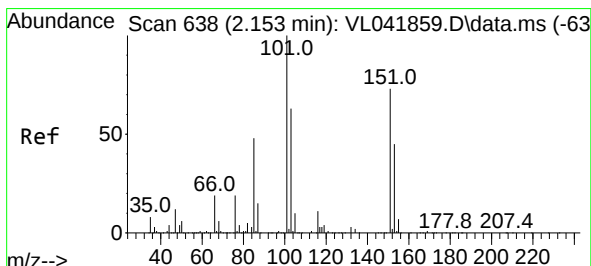
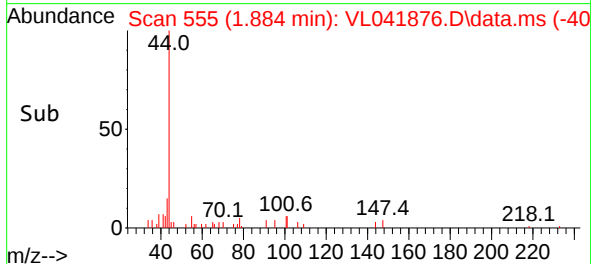
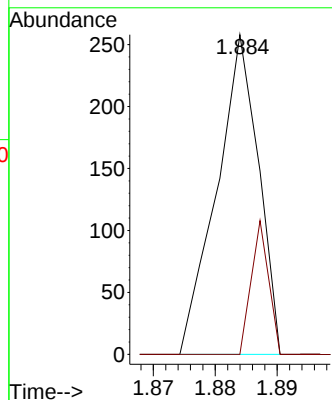
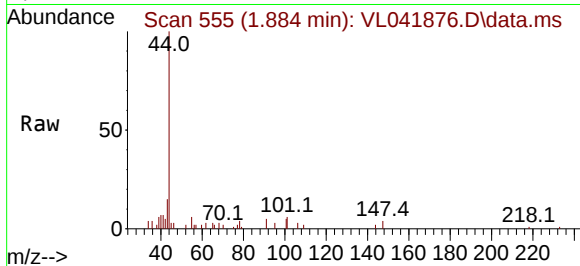




#11
 Trichlorofluoromethane
 Concen: 0.006 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

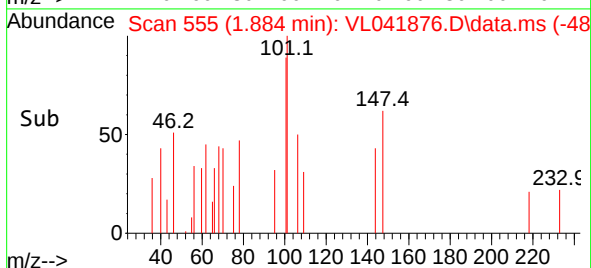
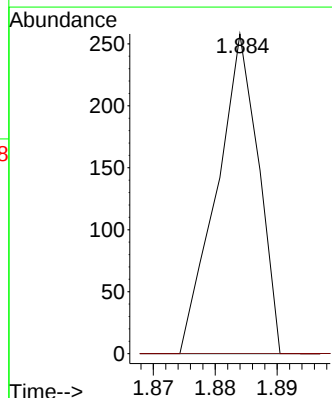
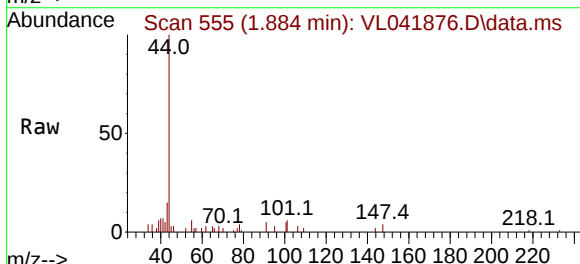
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:101 Resp: 121
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.6 78.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.008 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. -0.269 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

Tgt Ion:101 Resp: 121
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#





#13

Ethanol

Concen: 2.361 ppbv

RT: 1.729 min Scan# 507

Delta R.T. -0.000 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

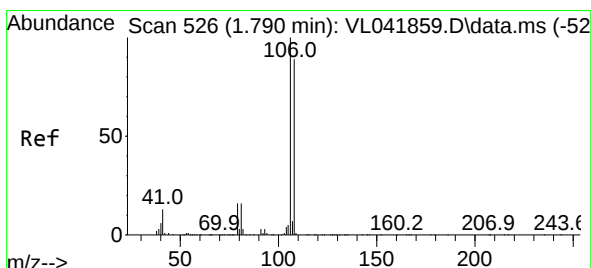
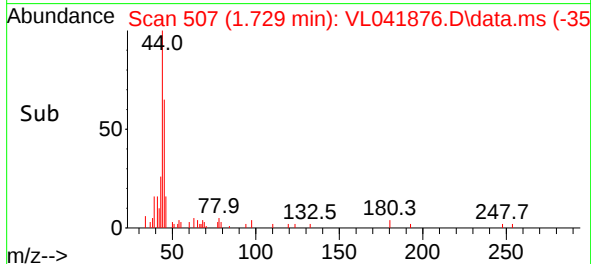
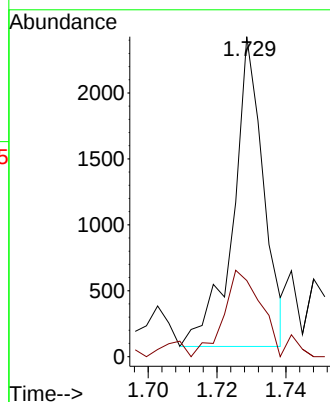
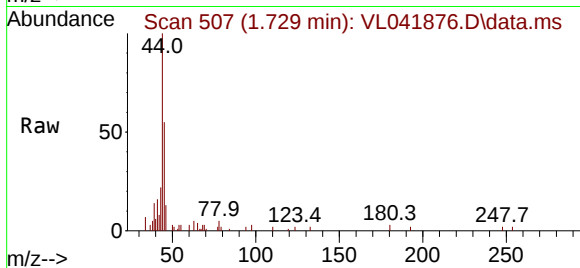
ClientSampleId :

Tgt Ion: 45 Resp: 1442

Ion Ratio Lower Upper

45 100

46 47.6 19.0 76.0



#14

Bromoethene

Concen: 0.005 ppbv

RT: 1.764 min Scan# 518

Delta R.T. -0.026 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

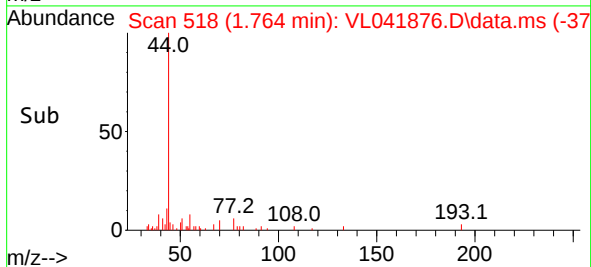
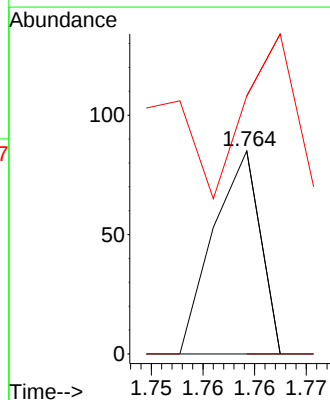
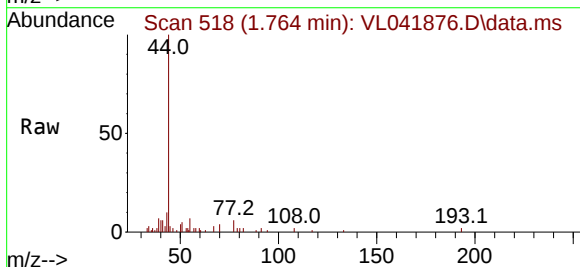
Tgt Ion: 108 Resp: 27

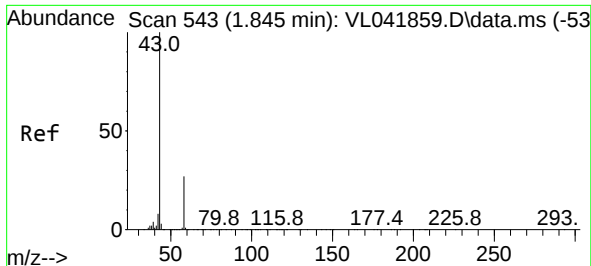
Ion Ratio Lower Upper

108 100

106 0.0 86.9 130.3#

79 1011.1 15.6 23.4#

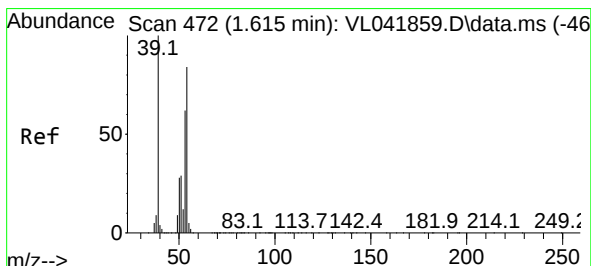
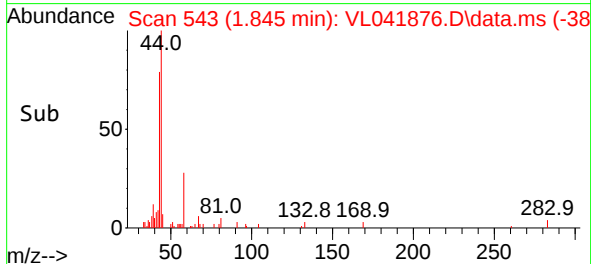
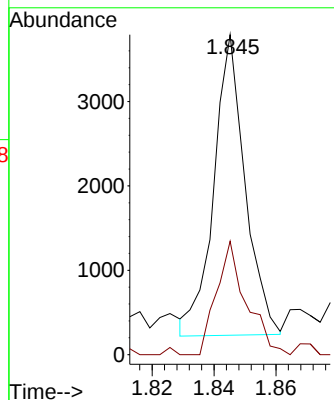
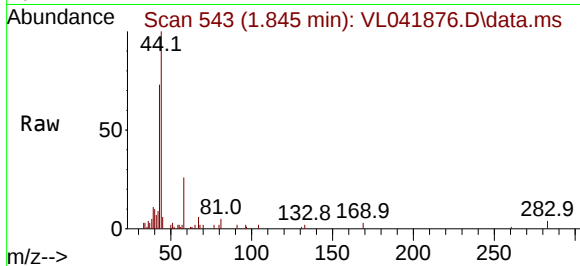




#15
Acetone
Concen: 0.129 ppbv
RT: 1.845 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

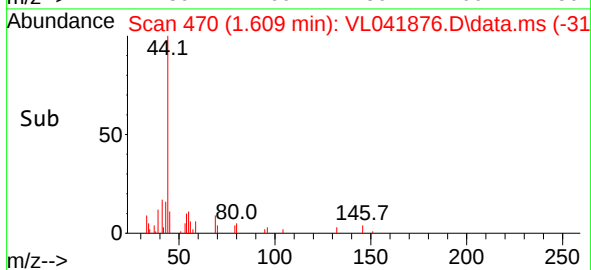
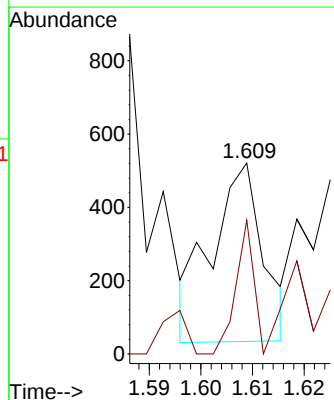
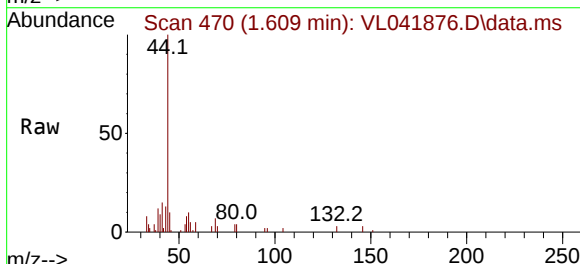
Instrument :
MSVOA_L
ClientSampleId :

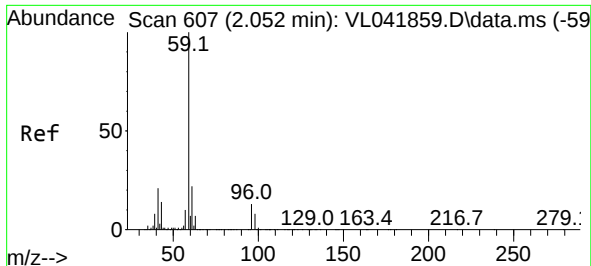
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 38.6 22.7 34.1#



#16
1,3-Butadiene
Concen: 0.041 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 39 Resp: 337
Ion Ratio Lower Upper
39 100
54 111.6 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.004 ppbv

RT: 2.056 min Scan# 608

Delta R.T. 0.003 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

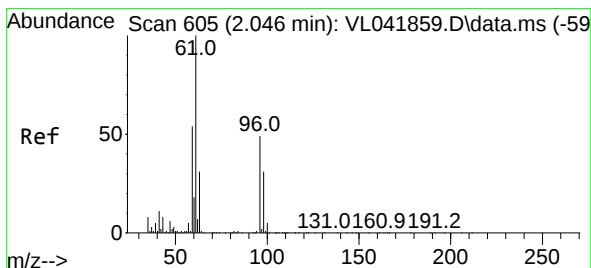
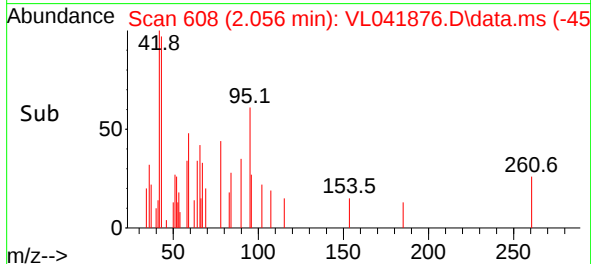
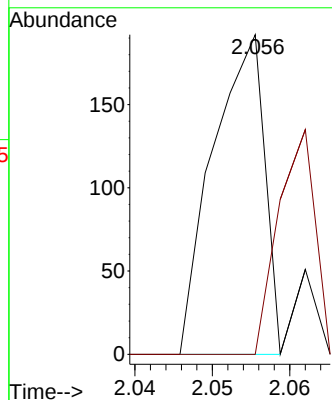
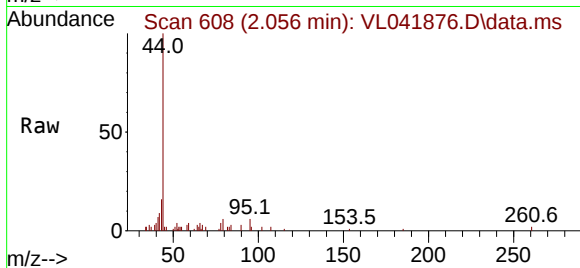
ClientSampleId :

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 86.5 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.004 ppbv

RT: 2.056 min Scan# 608

Delta R.T. 0.010 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

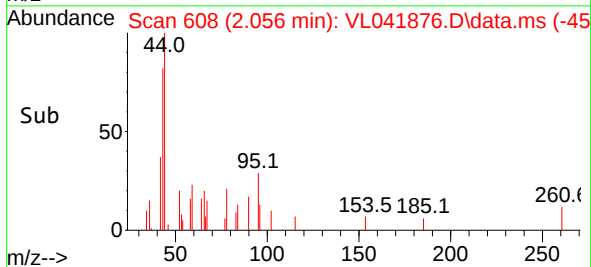
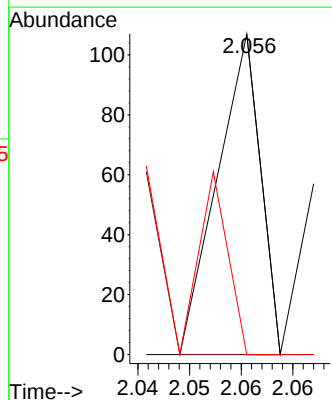
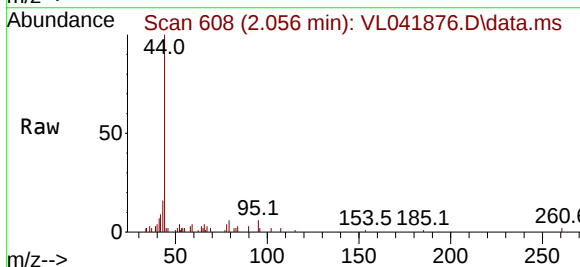
Tgt Ion: 96 Resp: 31

Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

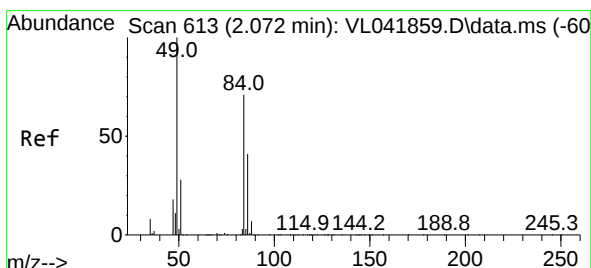
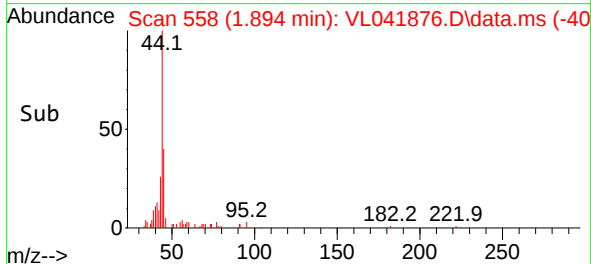
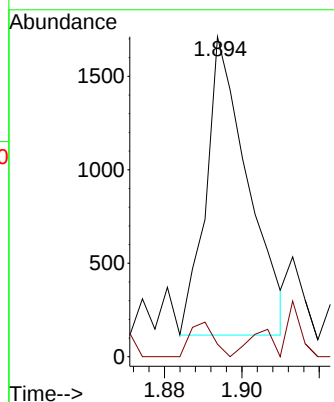
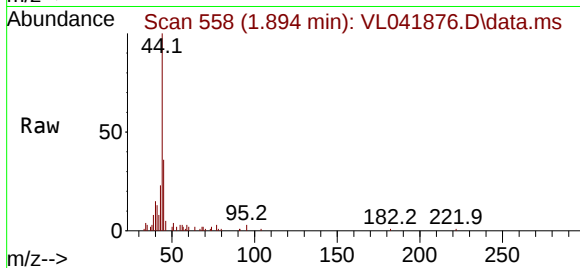




#19
Isopropyl Alcohol
Concen: 0.118 ppbv
RT: 1.894 min Scan# 519
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

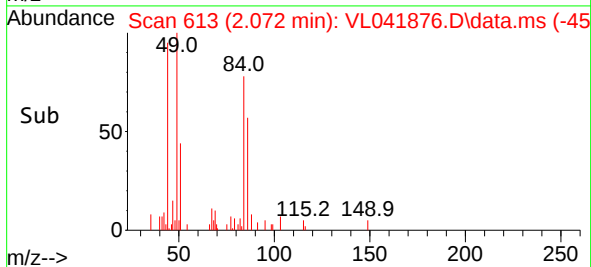
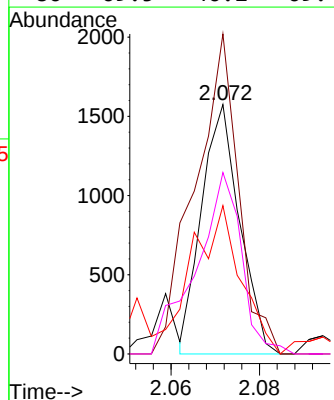
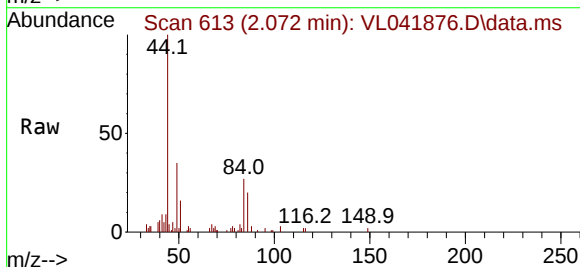
Instrument :
MSVOA_L
ClientSampleId :

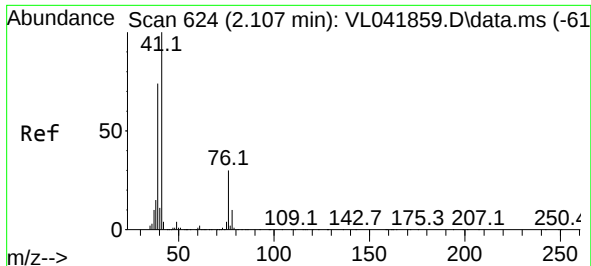
Tgt Ion: 45 Resp: 1196
Ion Ratio Lower Upper
45 100
58 11.9 37.0 55.6#



#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

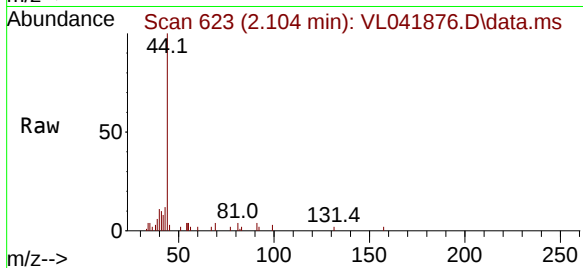
Tgt Ion: 84 Resp: 942
Ion Ratio Lower Upper
84 100
49 128.3 113.8 170.8
51 59.4 33.5 50.3#
86 69.5 46.2 69.4#



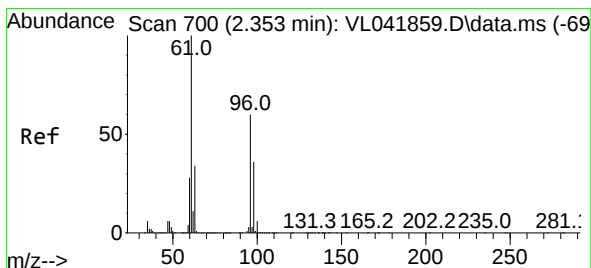
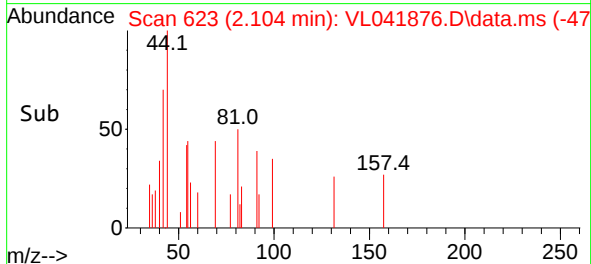
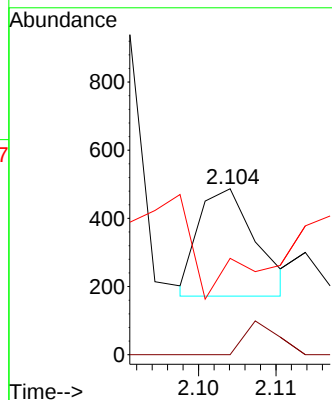


#21
 Allyl Chloride
 Concen: 0.013 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

Instrument :
 MSVOA_L
 ClientSampleId :

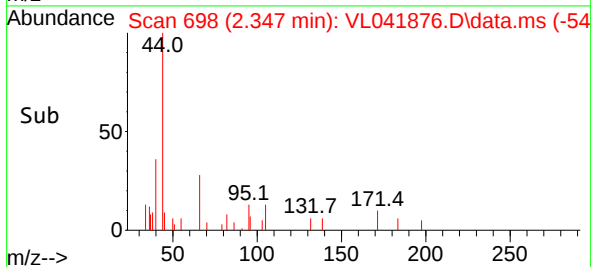
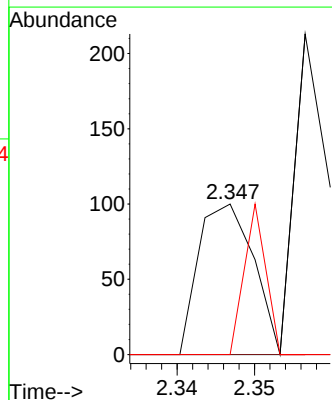
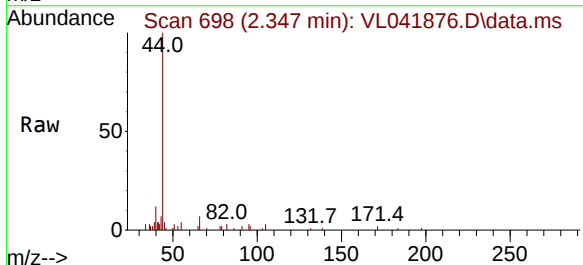


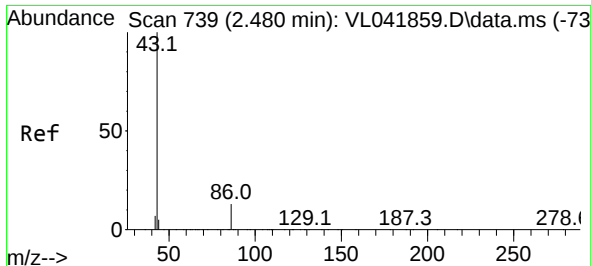
Tgt Ion: 41 Resp: 162
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 0.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.006 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.007 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

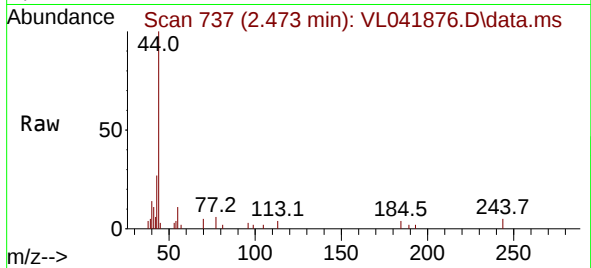
Tgt Ion: 96 Resp: 49
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.2 201.4#
 98 0.0 49.0 73.4#



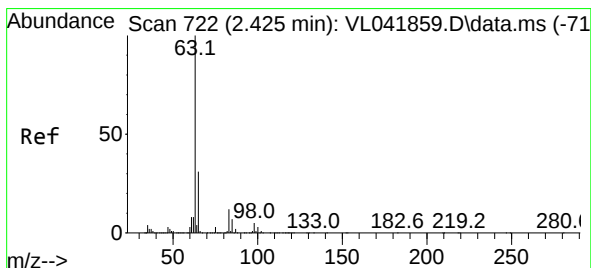
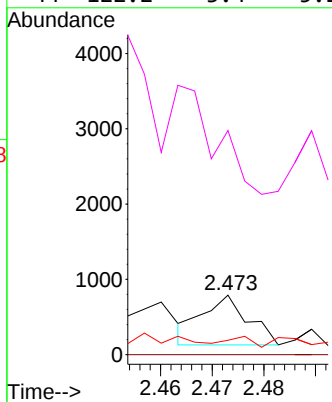
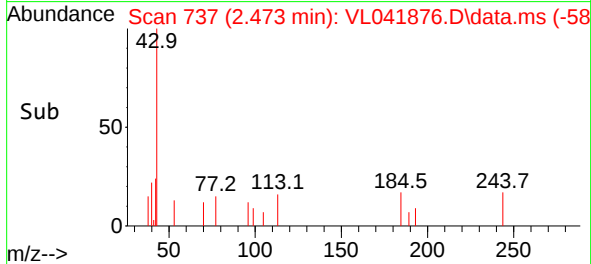


#23
 Vinyl Acetate
 Concen: 0.042 ppbv
 RT: 2.473 min Scan# 714
 Delta R.T. -0.007 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

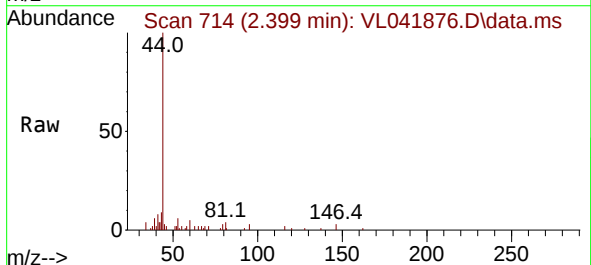
Instrument :
 MSVOA_L
 ClientSampleId :



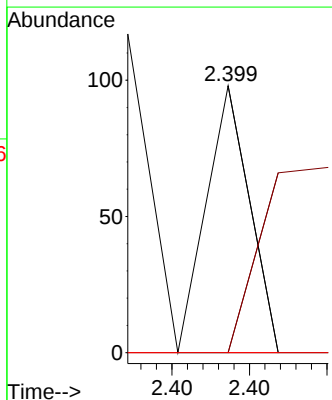
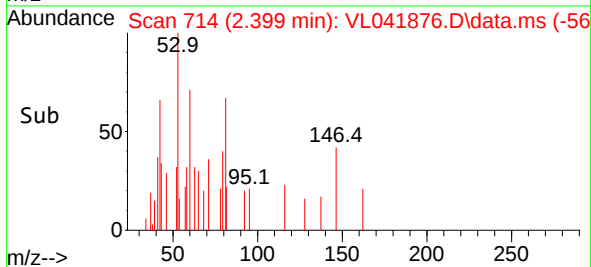
Tgt Ion: 43 Resp: 408
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.6#
 42 0.0 7.0 10.4#
 44 122.2 3.4 5.2#

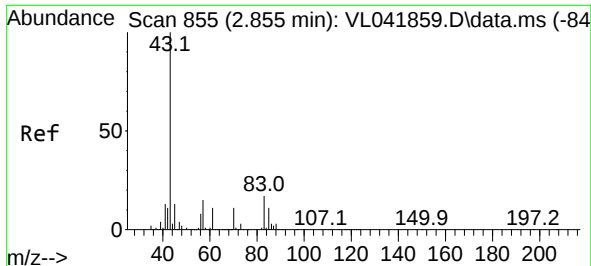


#24
 1,1-Dichloroethane
 Concen: 0.001 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. -0.026 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46



Tgt Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.3 6.9#
 100 0.0 1.3 3.8#

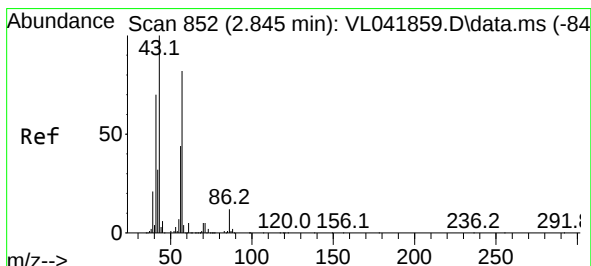
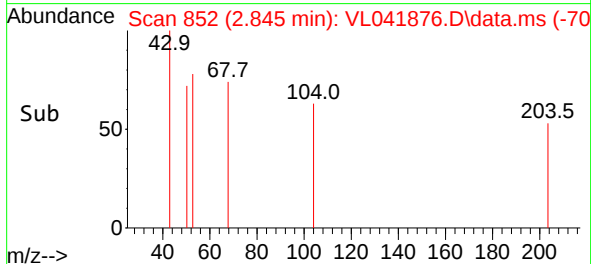
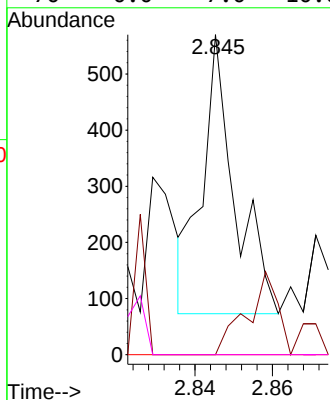
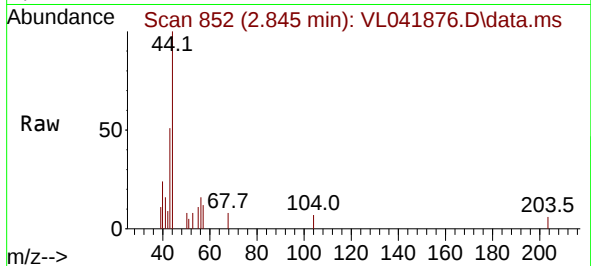




#25
Ethyl Acetate
Concen: 0.006 ppbv
RT: 2.845 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

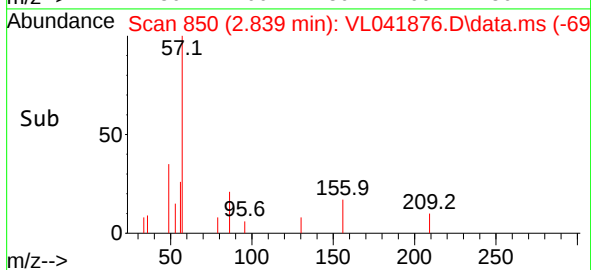
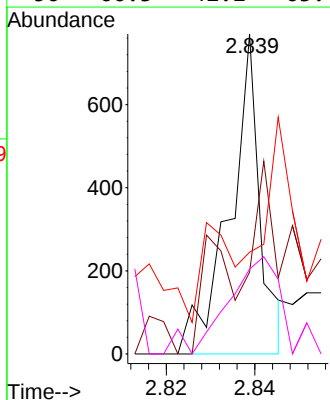
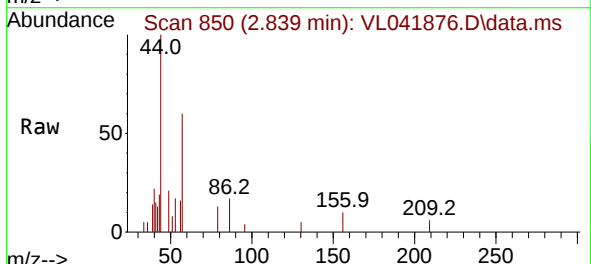
Instrument :
MSVOA_L
ClientSampleId :

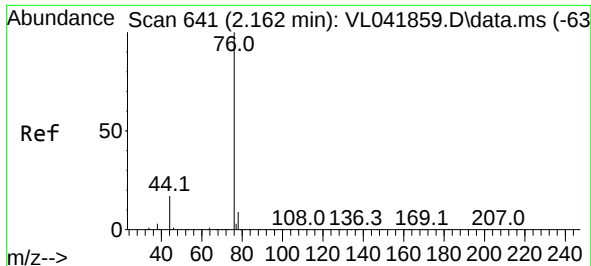
Tgt Ion: 43	Resp: 292
Ion Ratio	Lower Upper
43 100	
45 0.0	8.4 12.6#
61 0.0	7.3 10.9#
70 0.0	7.0 10.6#



#26
Hexane
Concen: 0.019 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 57	Resp:	368	
Ion	Ratio	Lower	Upper
57	100		
41	190.5	71.5	107.3#
43	179.9	200.2	300.4#
56	66.3	42.2	63.4#

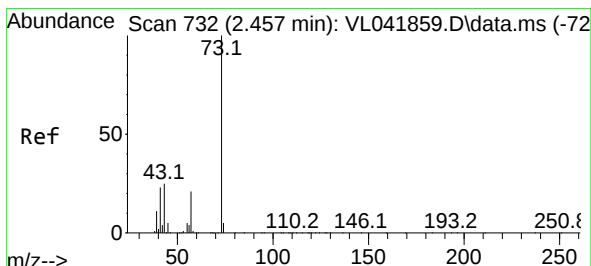
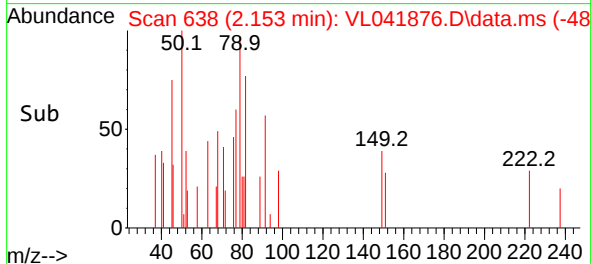
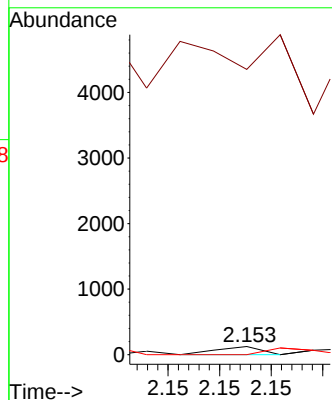
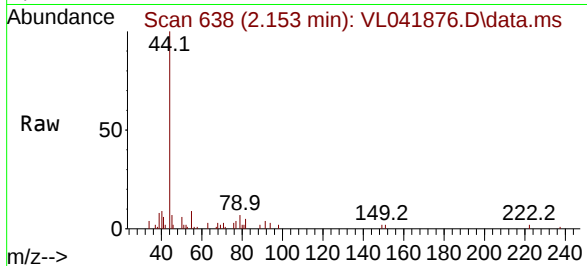




#27
Carbon Disulfide
Concen: 0.002 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

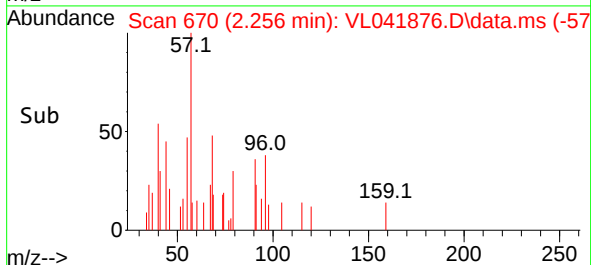
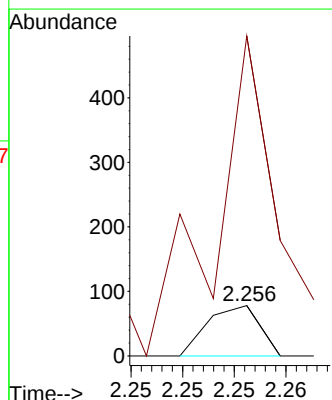
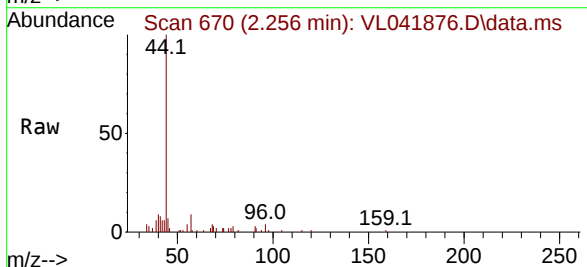
Instrument :
MSVOA_L
ClientSampleId :

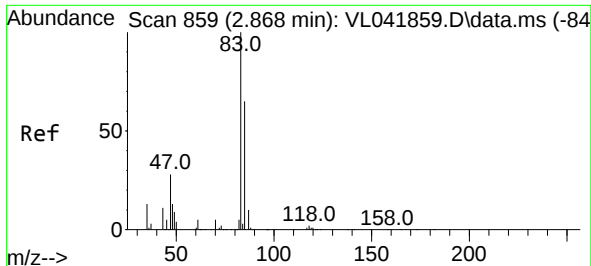
Tgt Ion: 76 Resp: 38
Ion Ratio Lower Upper
76 100
44 0.0 13.1 19.7#
78 0.0 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.256 min Scan# 670
Delta R.T. -0.201 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 73 Resp: 27
Ion Ratio Lower Upper
73 100
57 1211.1 17.5 26.3#





#29

Chloroform

Concen: 0.005 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

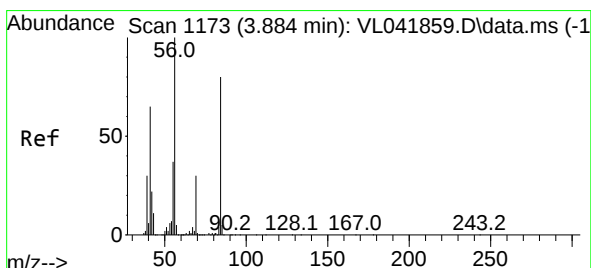
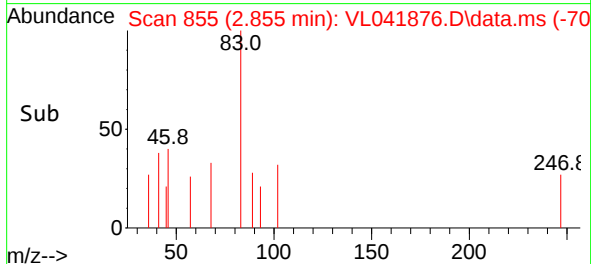
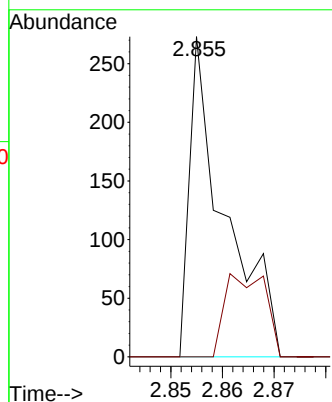
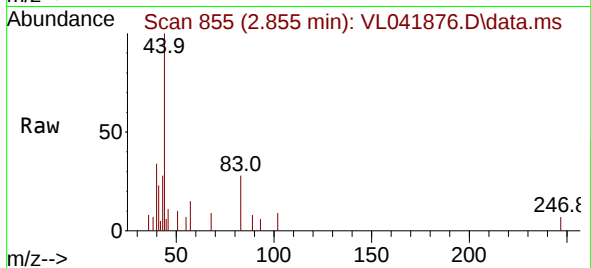
ClientSampleId :

Tgt Ion: 83 Resp: 130

Ion Ratio Lower Upper

83 100

85 0.0 51.7 77.5#



#30

Cyclohexane

Concen: 0.002 ppbv

RT: 3.904 min Scan# 1179

Delta R.T. 0.019 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

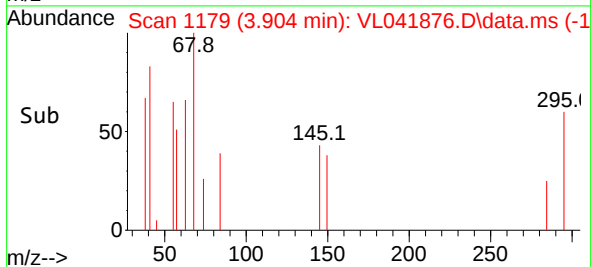
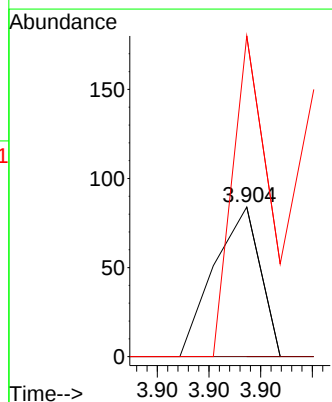
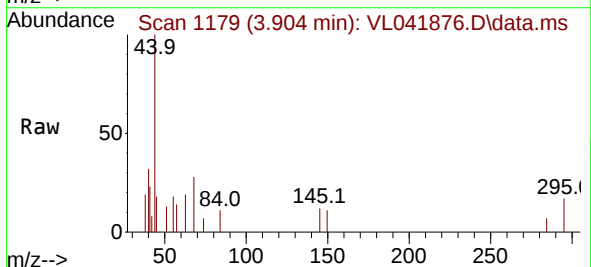
Tgt Ion: 84 Resp: 26

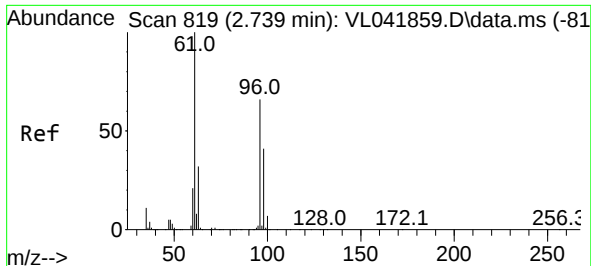
Ion Ratio Lower Upper

84 100

56 0.0 100.7 151.1#

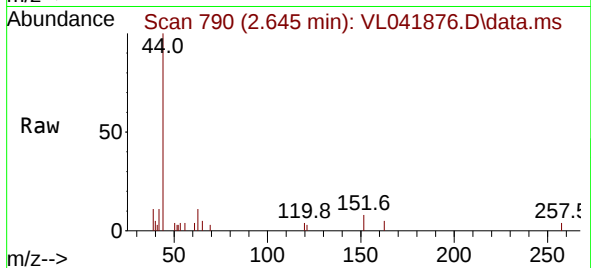
41 496.2 62.8 94.2#



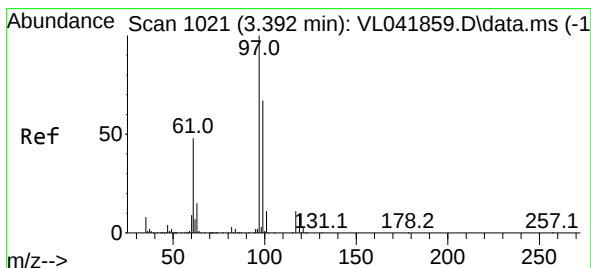
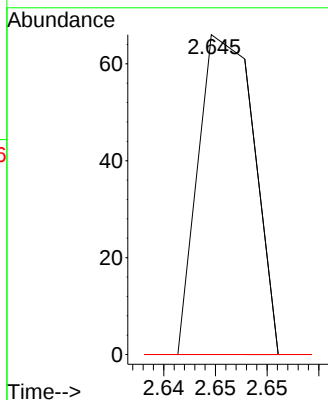
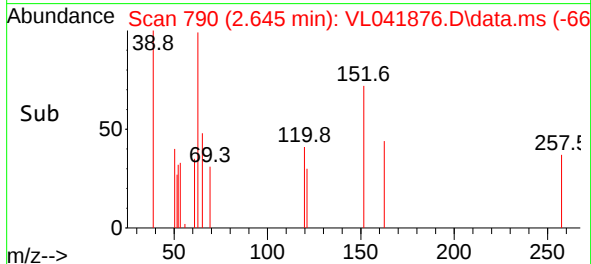


#31
 cis-1,2-Dichloroethene
 Concen: 0.001 ppbv
 RT: 2.645 min Scan# 79
 Delta R.T. -0.094 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

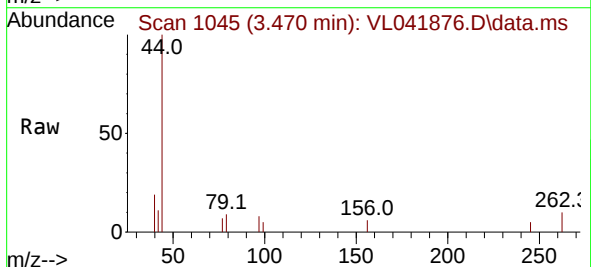
Instrument :
 MSVOA_L
 ClientSampleId :



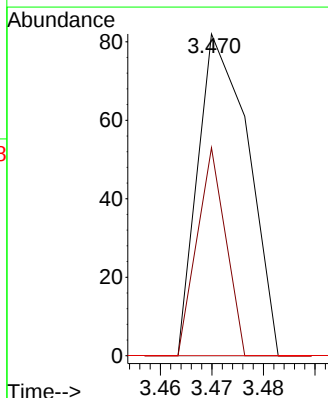
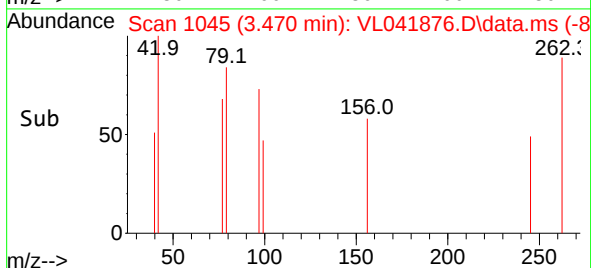
Tgt Ion: 61 Resp: 25
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#

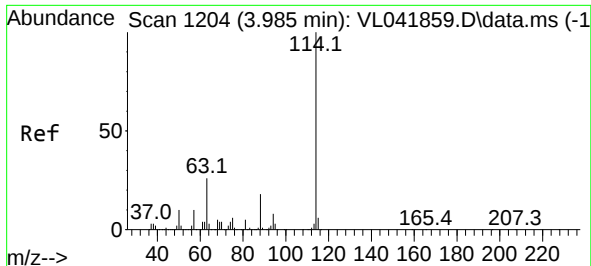


#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.470 min Scan# 1045
 Delta R.T. 0.078 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46



Tgt Ion: 97 Resp: 28
 Ion Ratio Lower Upper
 97 100
 99 117.9 52.0 78.0#
 61 0.0 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

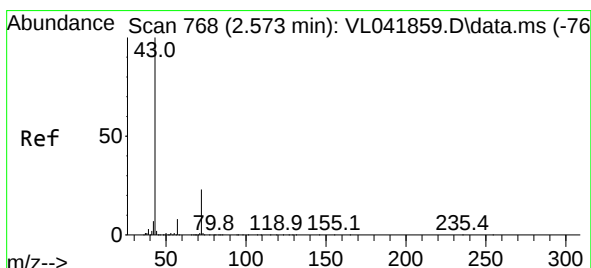
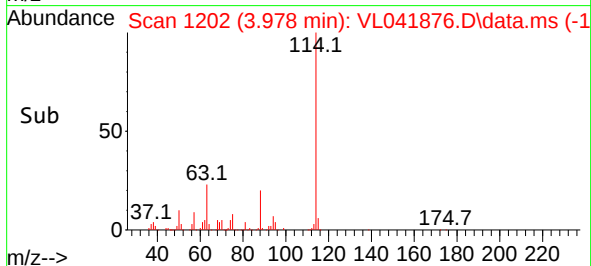
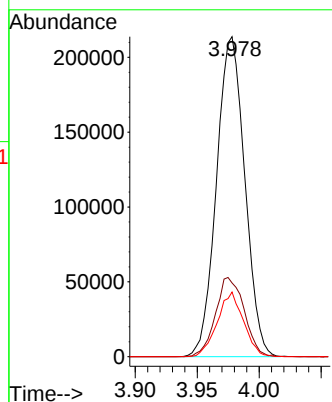
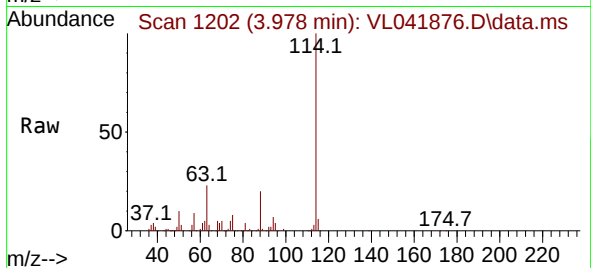
Tgt Ion:114 Resp: 340666

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 18.7 14.6 21.8



#34

2-Butanone

Concen: 0.007 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.003 min

Lab File: VL041876.D

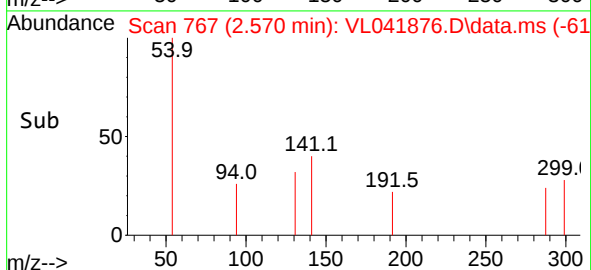
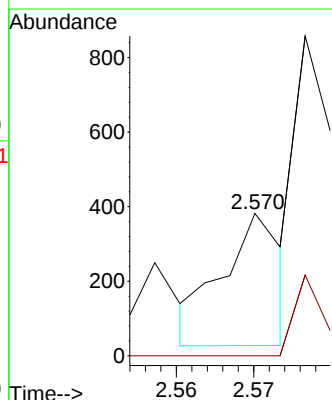
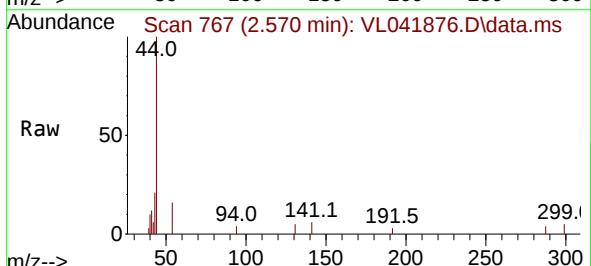
Acq: 09 Jan 2025 20:46

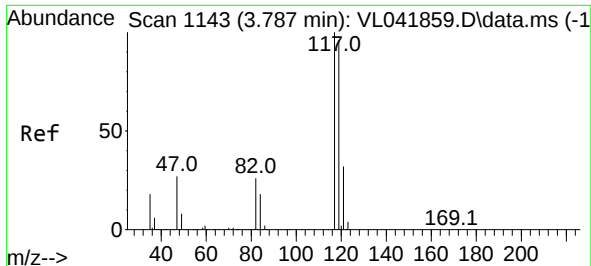
Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

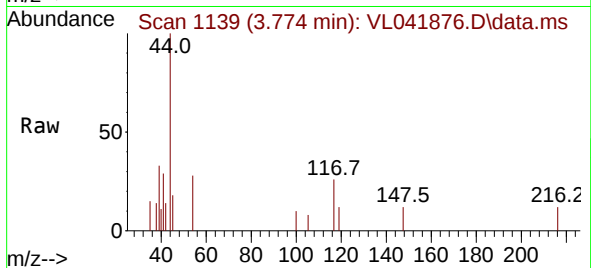
72 0.0 18.5 27.7#



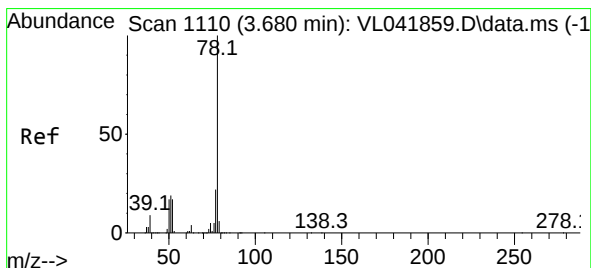
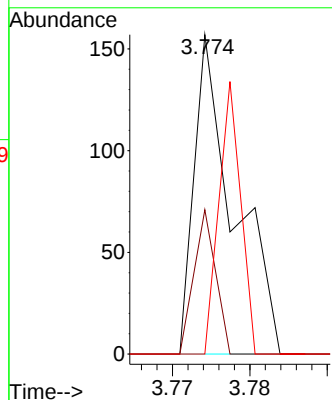
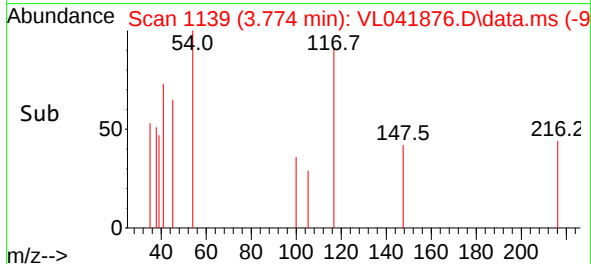


#35
Carbon Tetrachloride
Concen: 0.002 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

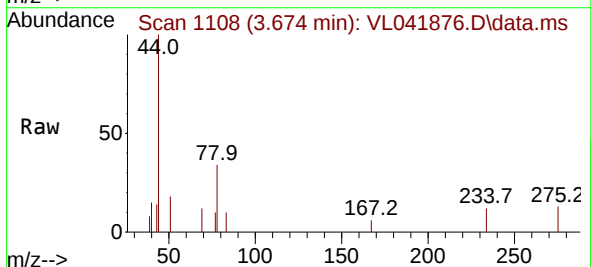
Instrument :
MSVOA_L
ClientSampleId :



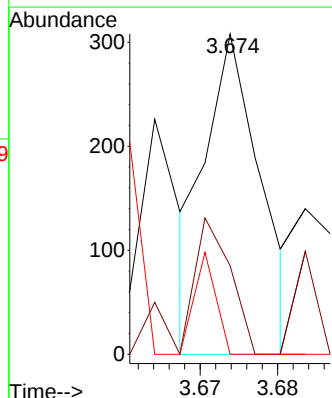
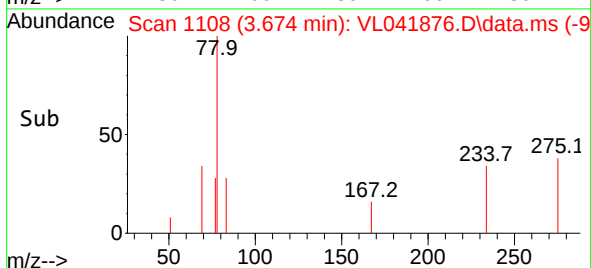
Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 45.2 76.9 115.3#
121 0.0 25.9 38.9#

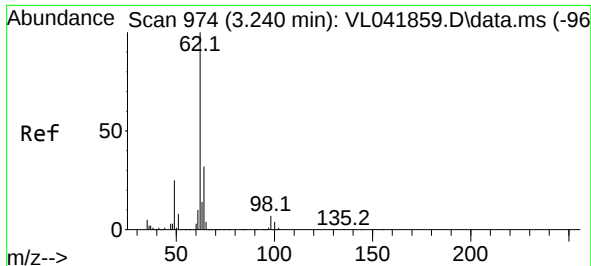


#36
Benzene
Concen: 0.004 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46



Tgt Ion: 78 Resp: 152
Ion Ratio Lower Upper
78 100
77 41.1 17.9 26.9#
50 0.0 13.7 20.5#

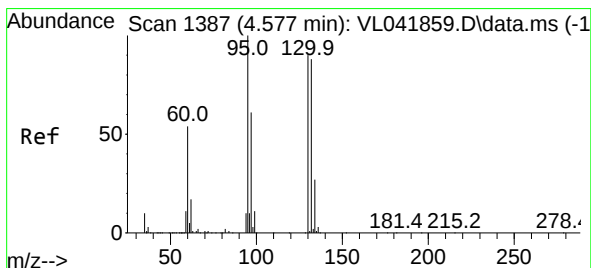
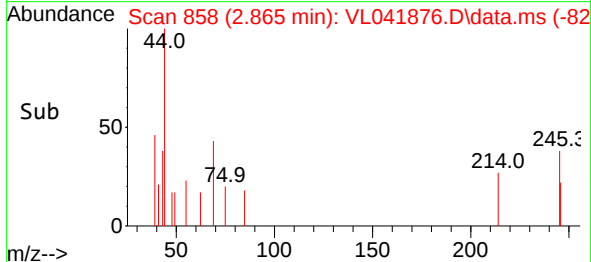
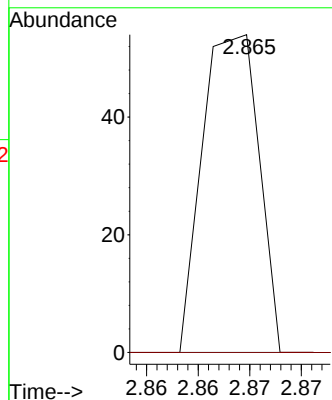
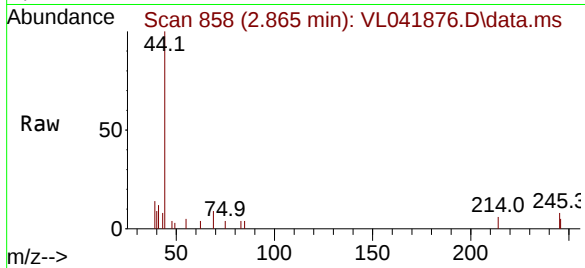




#37
1,2-Dichloroethane
Concen: 0.001 ppbv
RT: 2.865 min Scan# 81
Delta R.T. -0.376 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

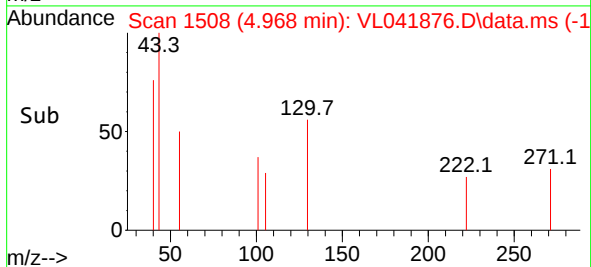
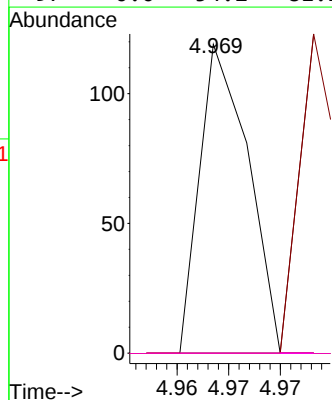
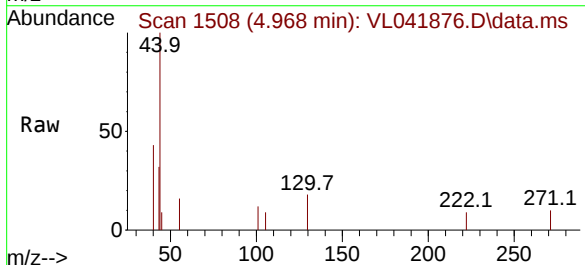
Instrument :
MSVOA_L
ClientSampleId :

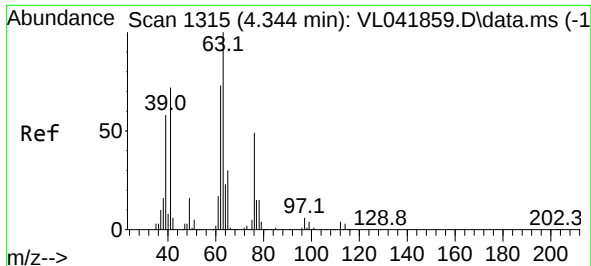
Tgt Ion: 62 Resp: 21
Ion Ratio Lower Upper
62 100
98 0.0 5.6 8.4#



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.968 min Scan# 1508
Delta R.T. 0.392 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:130 Resp: 39
Ion Ratio Lower Upper
130 100
95 0.0 88.5 132.7#
132 0.0 78.2 117.2#
97 0.0 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 6.074 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.369 min

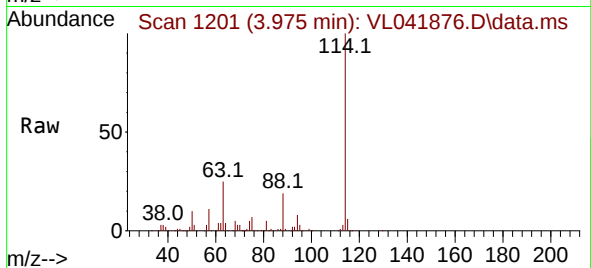
Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :



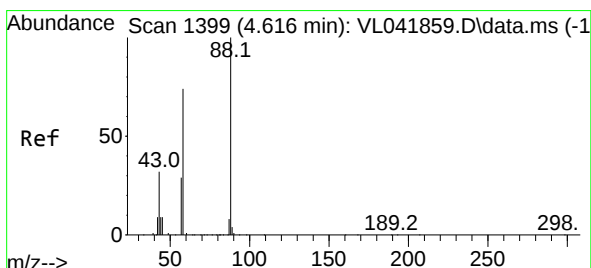
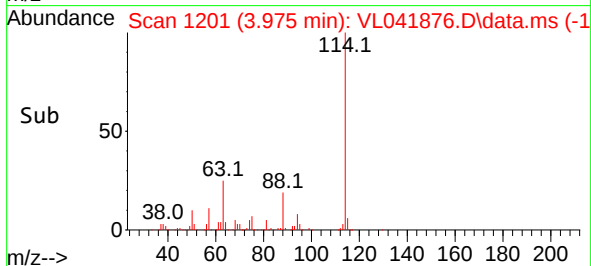
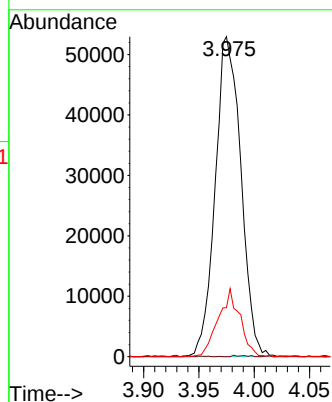
Tgt Ion: 63 Resp: 85393

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 15.3 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 4.784 min Scan# 1451

Delta R.T. 0.168 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Tgt Ion: 88 Resp: 31

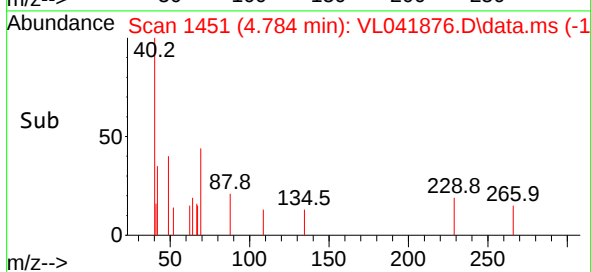
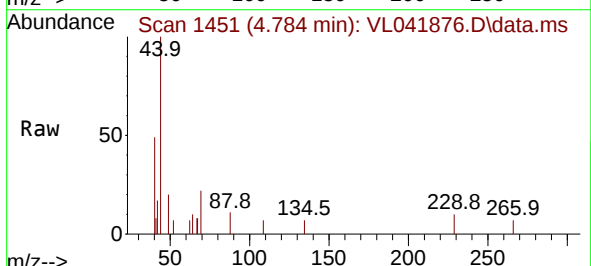
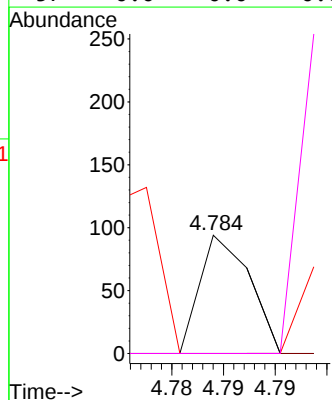
Ion Ratio Lower Upper

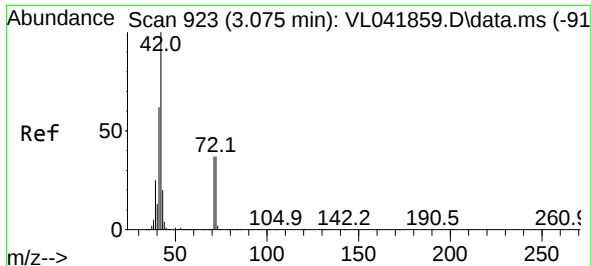
88 100

58 0.0 52.2 78.4#

43 203.2 0.0 0.0#

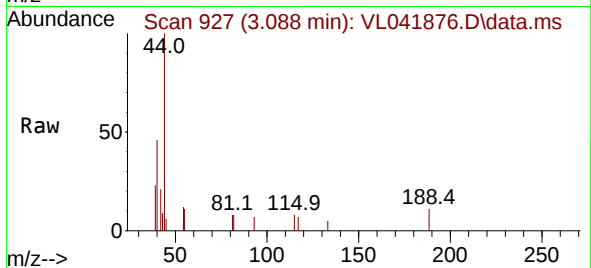
57 0.0 0.0 0.0



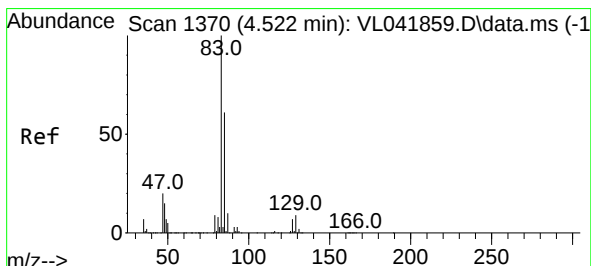
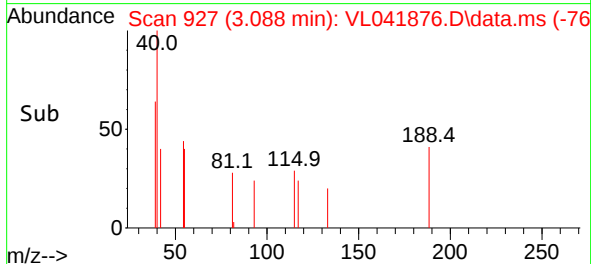
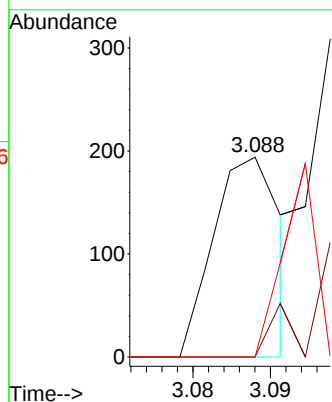


#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.088 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :

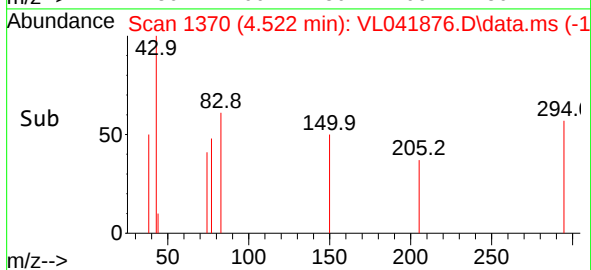
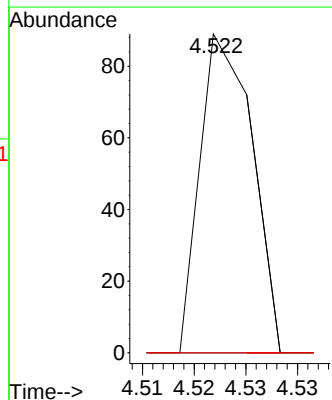
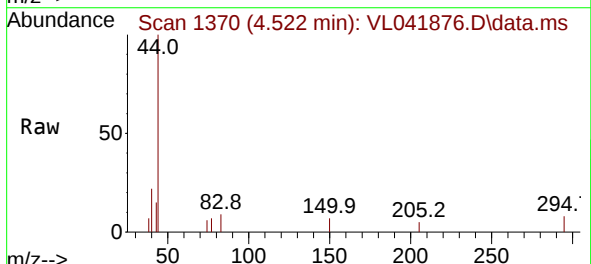


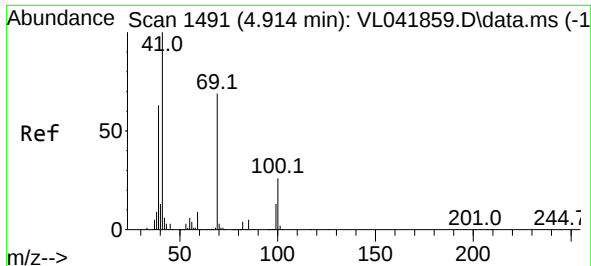
Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.522 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 83 Resp: 31
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#

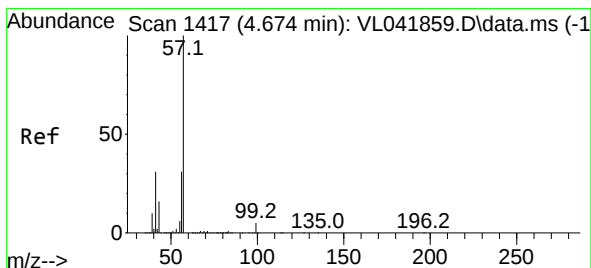
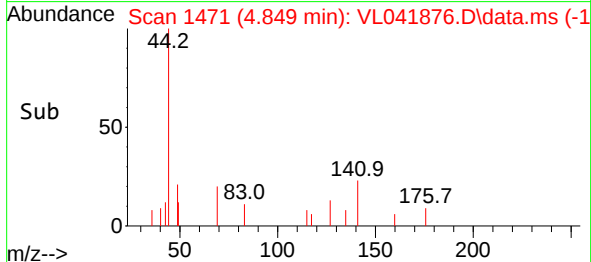
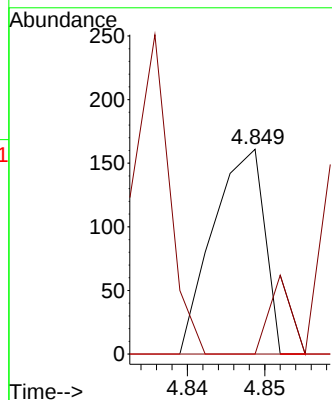
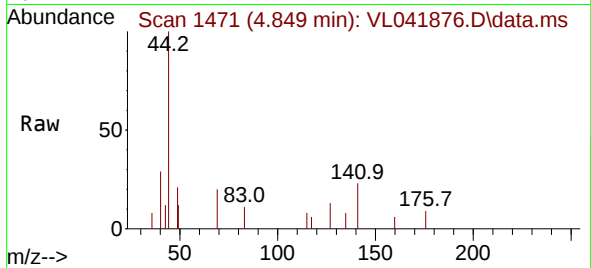




#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 4.849 min Scan# 1413
Delta R.T. -0.065 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

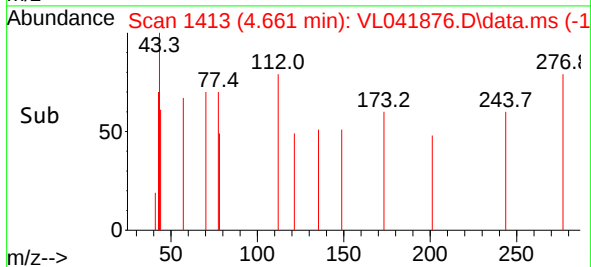
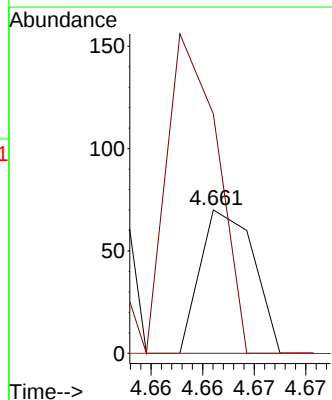
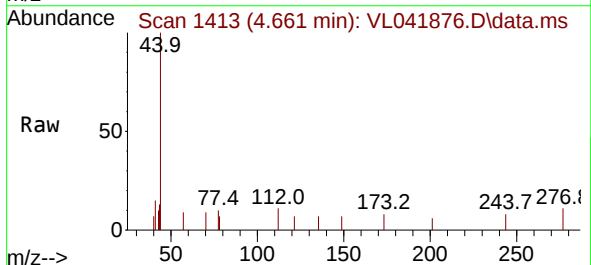
Instrument :
MSVOA_L
ClientSampleId :

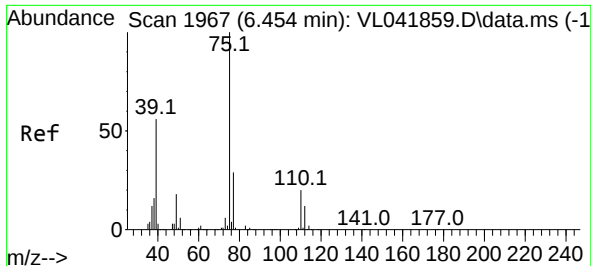
Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 383.8 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 57 Resp: 25
Ion Ratio Lower Upper
57 100
41 440.0 25.5 38.3#
56 40.0 25.6 38.4#





#45

t-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 6.370 min Scan# 1967

Delta R.T. -0.084 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

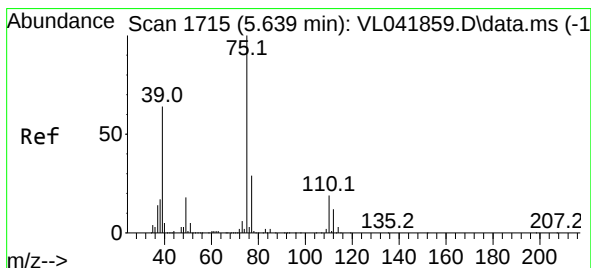
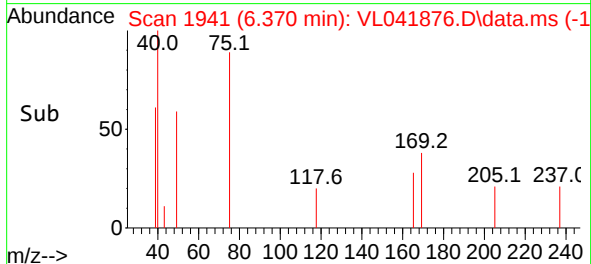
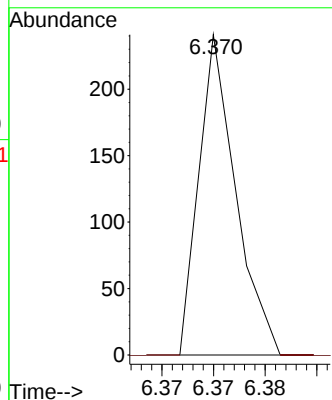
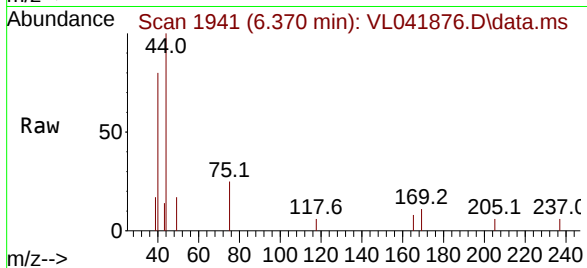
ClientSampleId :

Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 23.4 35.2#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 5.460 min Scan# 1660

Delta R.T. -0.178 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

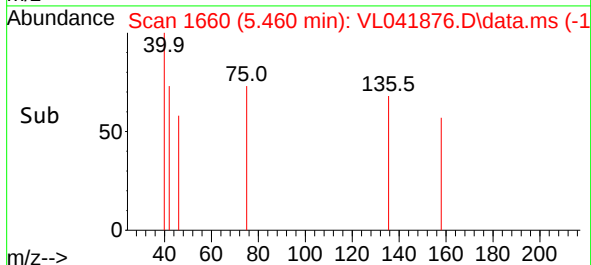
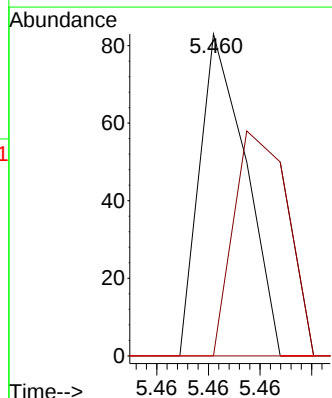
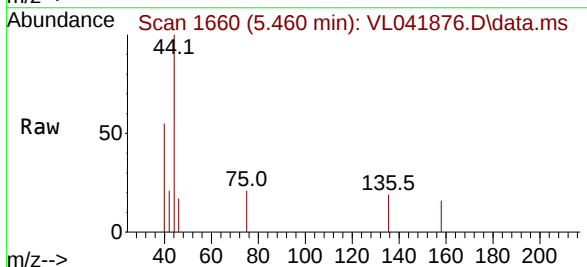
Tgt Ion: 75 Resp: 26

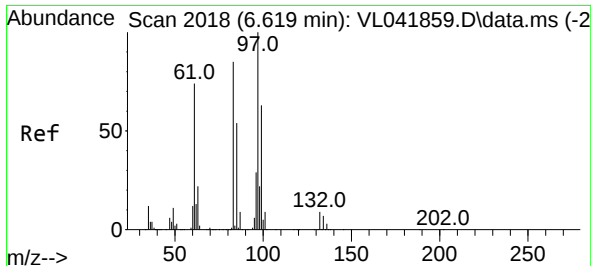
Ion Ratio Lower Upper

75 100

39 0.0 51.4 77.2#

77 0.0 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.005 ppbv

RT: 6.542 min Scan# 1994

Delta R.T. -0.078 min

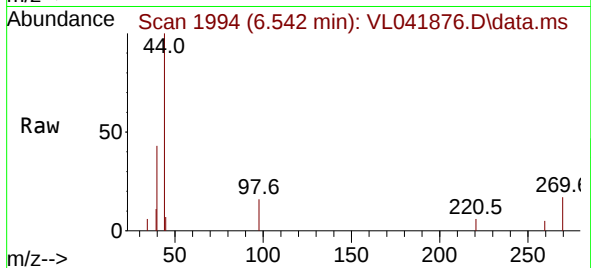
Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 74

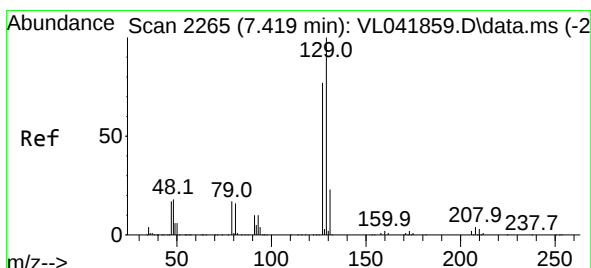
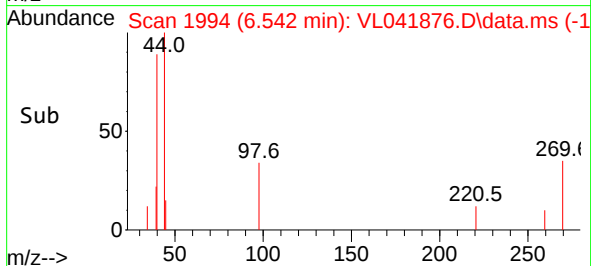
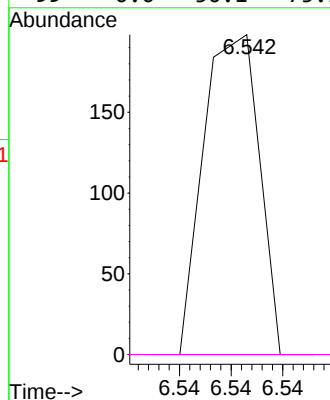
Ion Ratio Lower Upper

97 100

83 0.0 68.1 102.1#

85 0.0 43.4 65.2#

99 0.0 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 7.648 min Scan# 2336

Delta R.T. 0.230 min

Lab File: VL041876.D

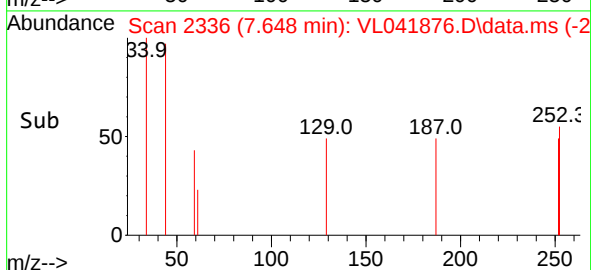
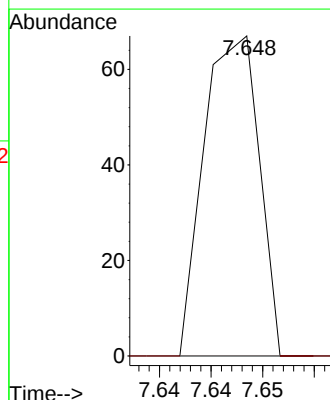
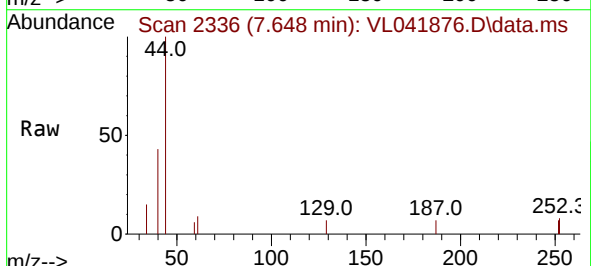
Acq: 09 Jan 2025 20:46

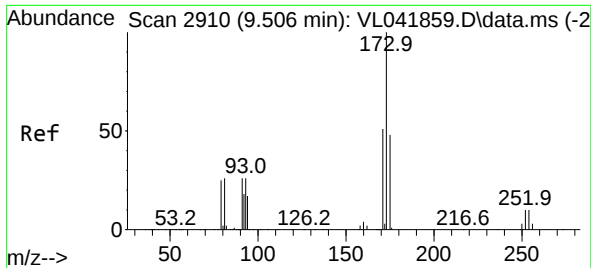
Tgt Ion: 129 Resp: 25

Ion Ratio Lower Upper

129 100

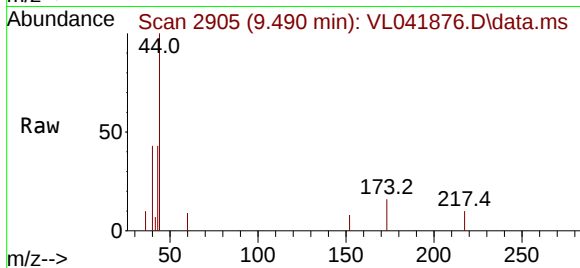
127 176.0 39.4 118.1#



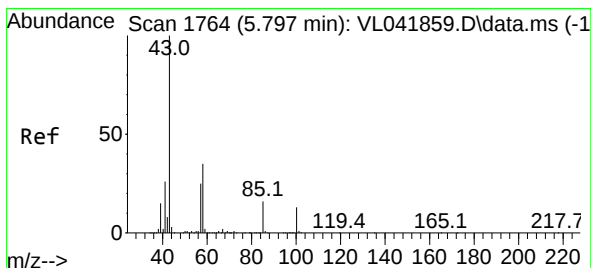
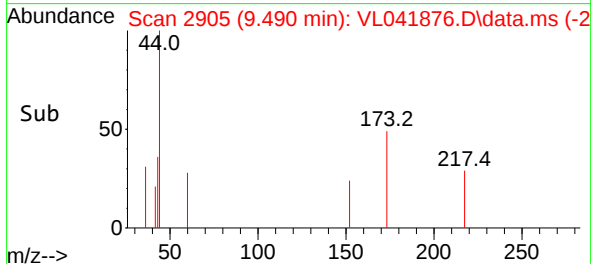
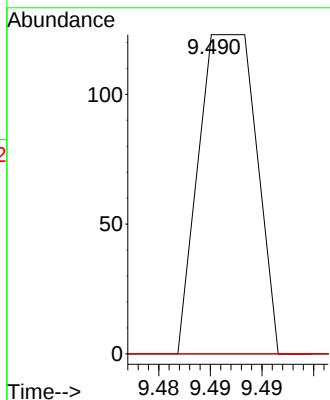


#49
Bromoform
Concen: 0.002 ppbv
RT: 9.490 min Scan# 2910
Delta R.T. -0.016 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :

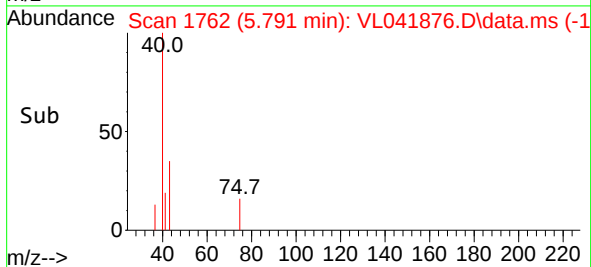
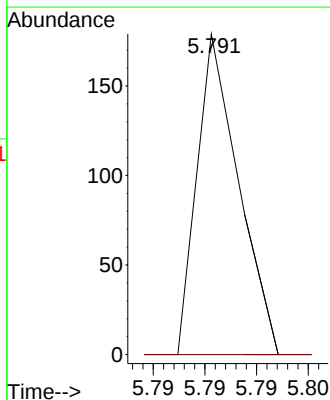
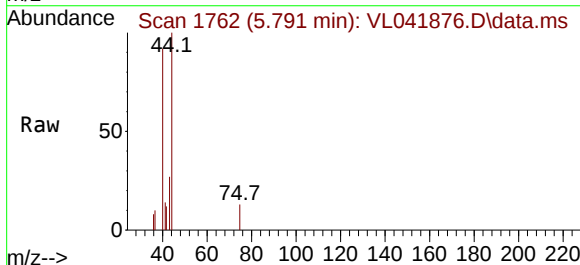


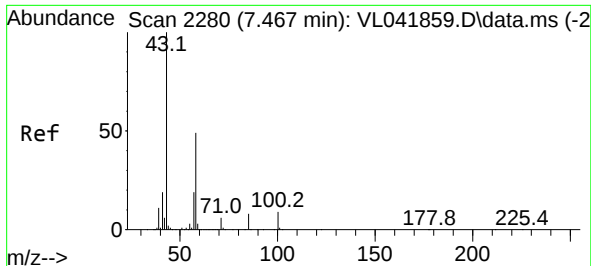
Tgt Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2#
171 0.0 41.3 61.9#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.791 min Scan# 1762
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

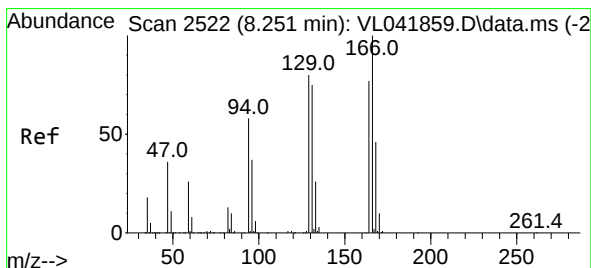
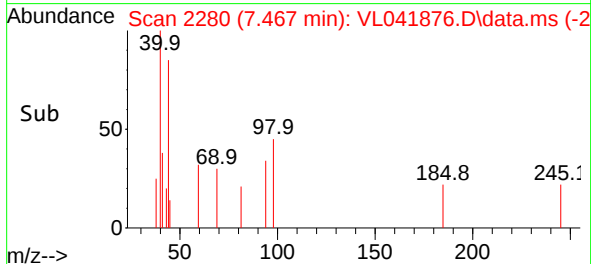
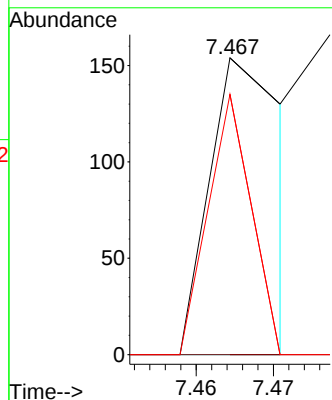
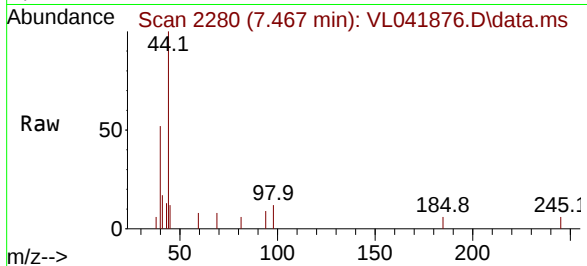




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 7.467 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

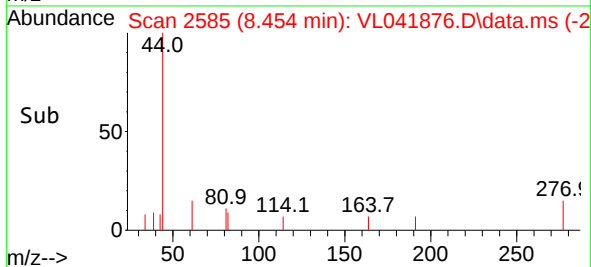
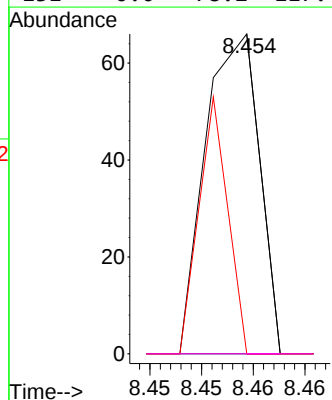
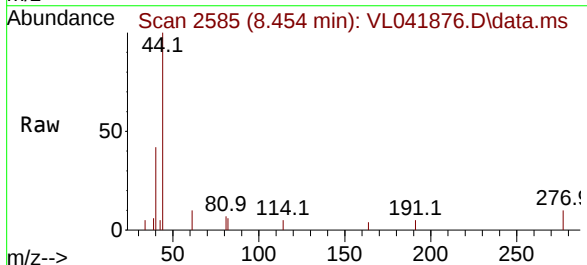
Instrument :
MSVOA_L
ClientSampleId :

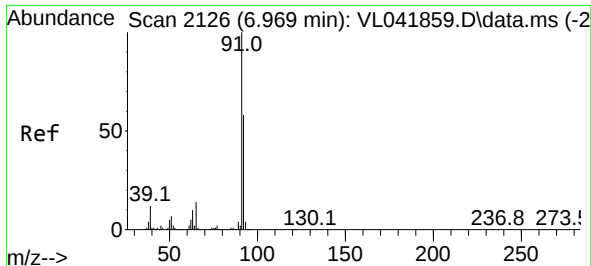
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.454 min Scan# 2585
Delta R.T. 0.204 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:164 Resp: 24
Ion Ratio Lower Upper
164 100
166 0.0 103.6 155.4#
129 0.0 82.6 123.8#
131 0.0 78.2 117.4#

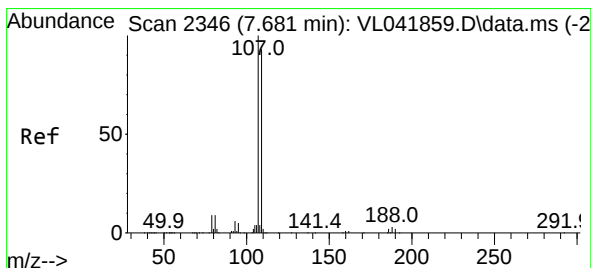
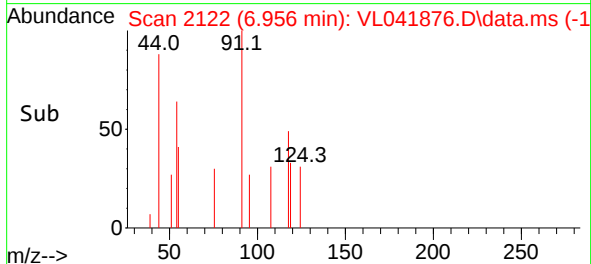
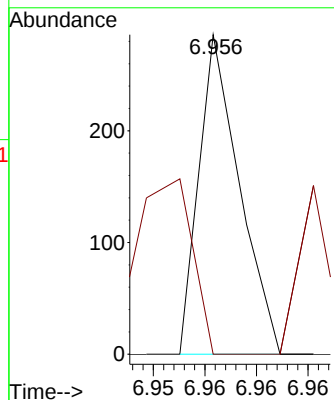
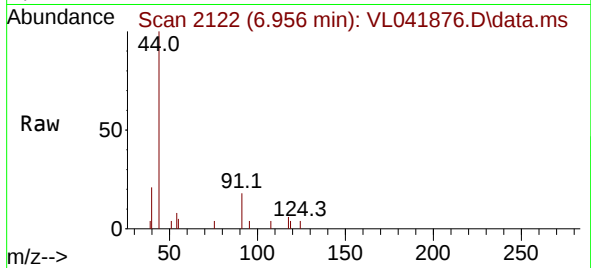




#53
Toluene
Concen: 0.002 ppbv
RT: 6.956 min Scan# 2126
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

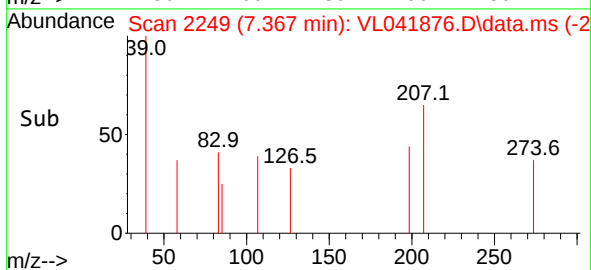
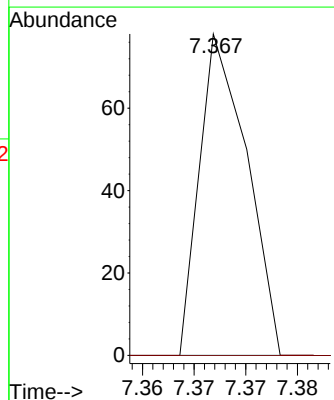
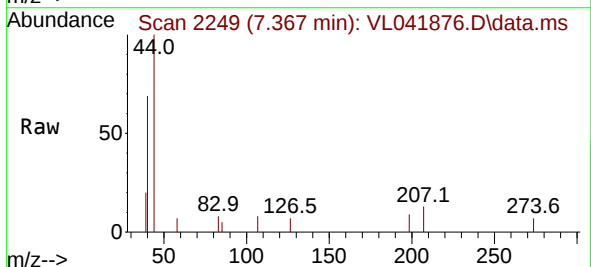
Instrument :
MSVOA_L
ClientSampleId :

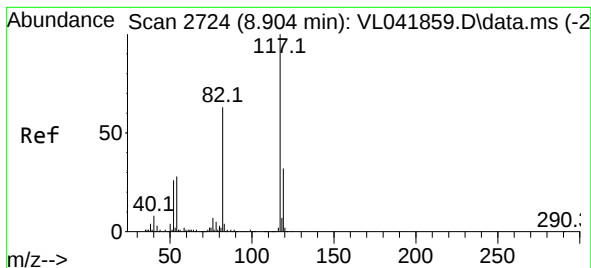
Tgt Ion: 91 Resp: 78
Ion Ratio Lower Upper
91 100
92 111.5 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.367 min Scan# 2249
Delta R.T. -0.314 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 107 Resp: 25
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

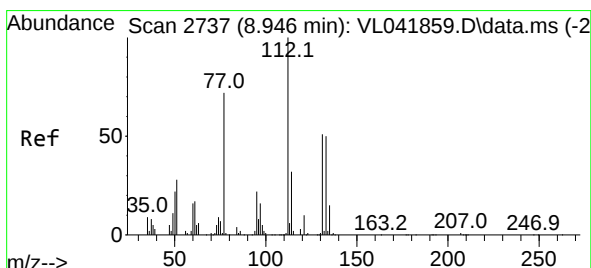
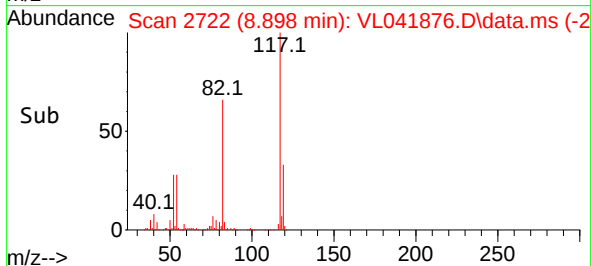
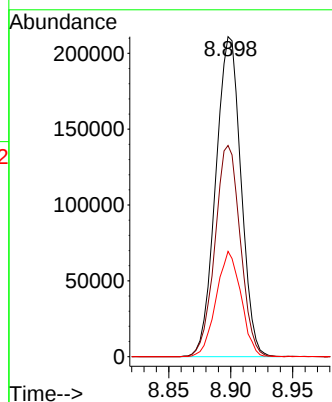
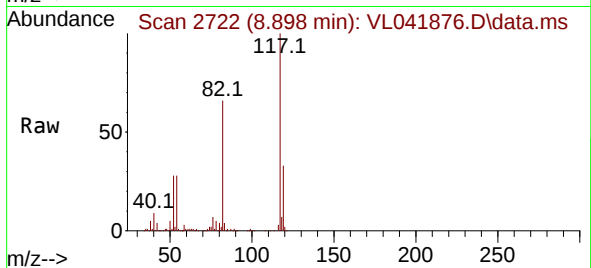
Tgt Ion:117 Resp: 300213

Ion Ratio Lower Upper

117 100

82 66.4 54.5 81.7

119 32.4 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.004 ppbv

RT: 8.959 min Scan# 2741

Delta R.T. 0.013 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

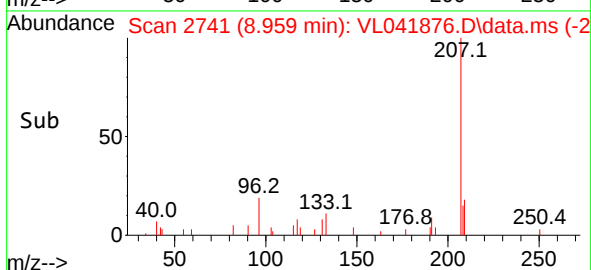
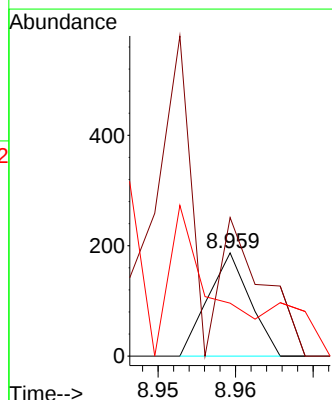
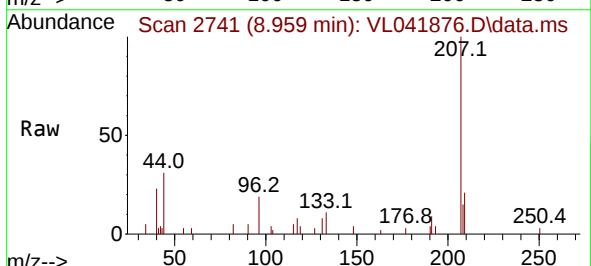
Tgt Ion:131 Resp: 71

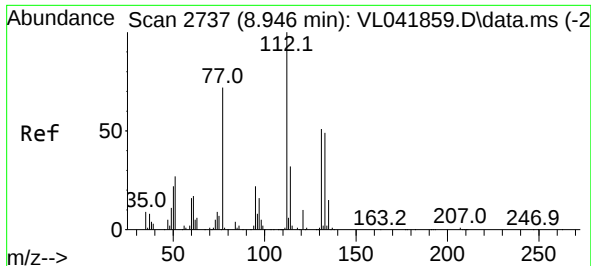
Ion Ratio Lower Upper

131 100

133 523.9 77.4 116.2#

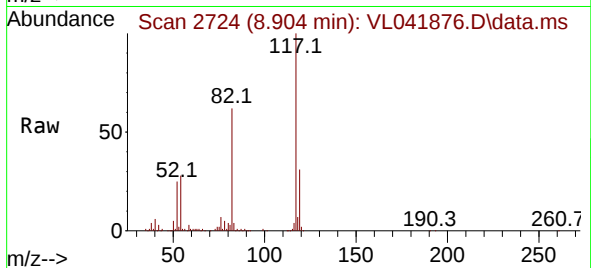
119 137107.0 49.4 74.0#



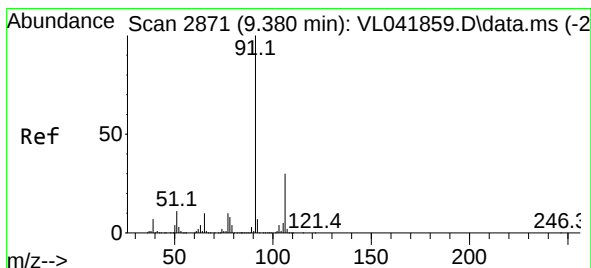
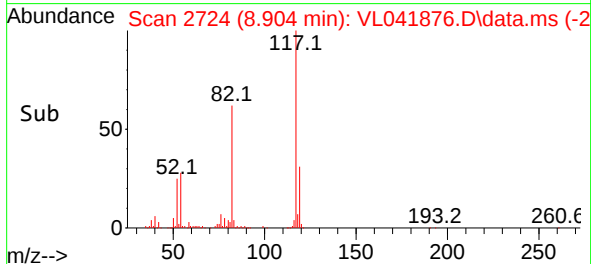


#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 8.904 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :

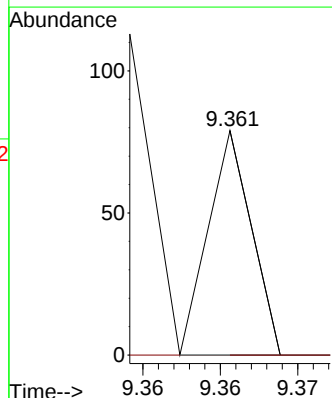
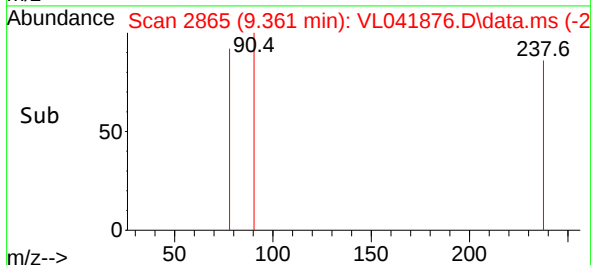
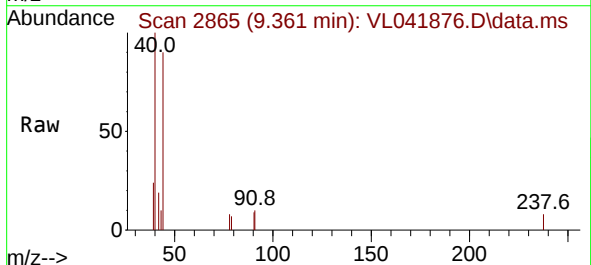


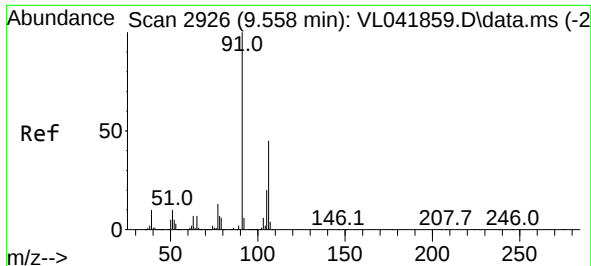
Tgt Ion:112 Resp: 32
Ion Ratio Lower Upper
112 100
77 494.6 58.3 87.5#
114 127.9 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.000 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.019 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 15
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.2#





#59

m/p-Xylene

Concen: 0.001 ppbv

RT: 9.794 min Scan# 29

Delta R.T. 0.236 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

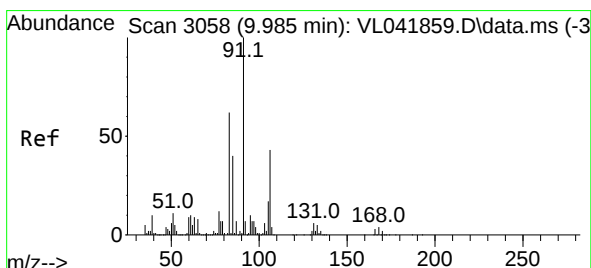
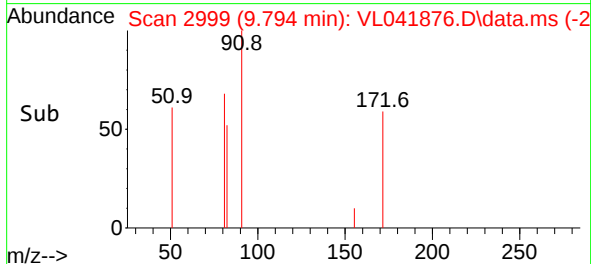
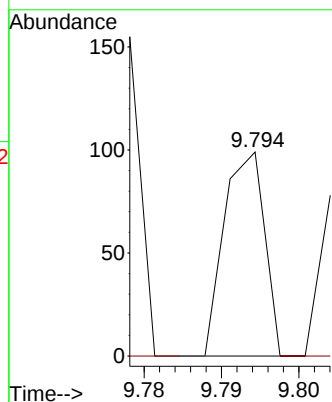
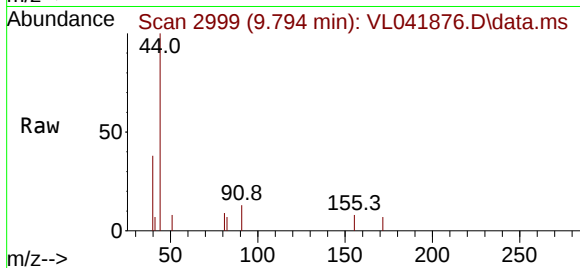
ClientSampleId :

Tgt Ion: 91 Resp: 36

Ion Ratio Lower Upper

91 100

106 66.7 0.0 0.0#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041876.D

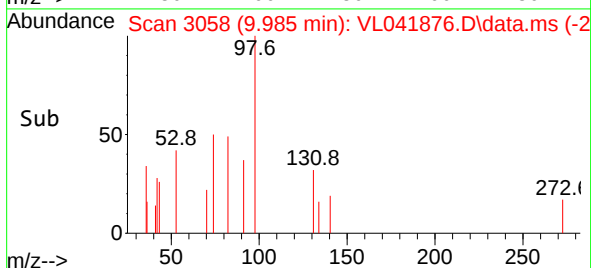
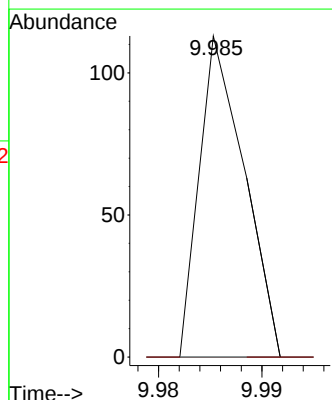
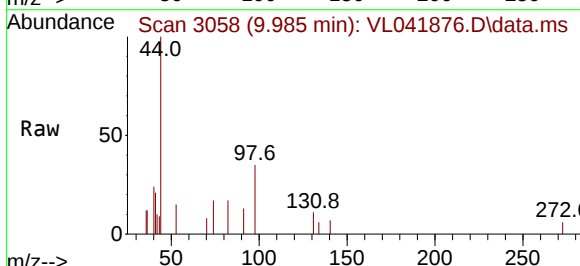
Acq: 09 Jan 2025 20:46

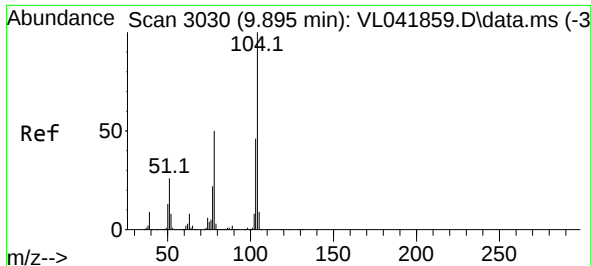
Tgt Ion: 91 Resp: 34

Ion Ratio Lower Upper

91 100

106 0.0 21.4 64.3#





#61

Styrene

Concen: 0.001 ppbv

RT: 10.283 min Scan# 3150

Delta R.T. 0.388 min

Lab File: VL041876.D

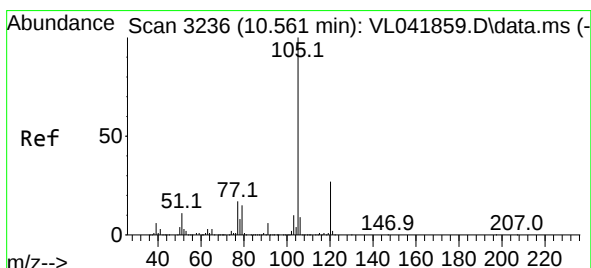
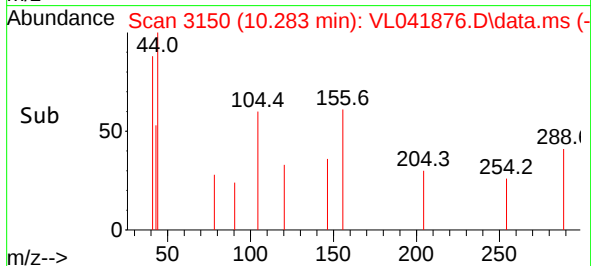
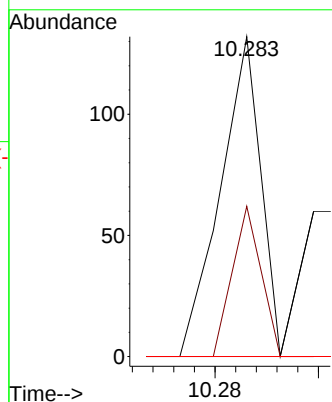
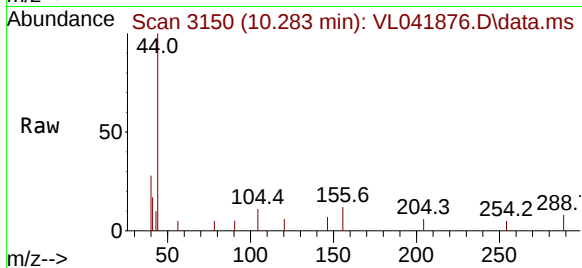
Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	104	Resp:	36
Ion Ratio	Lower	Upper	
104	100		
78	133.3	40.7	61.1#
103	0.0	37.0	55.6#



#62

Isopropylbenzene

Concen: 0.001 ppbv

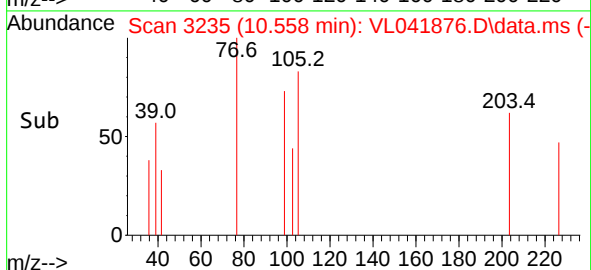
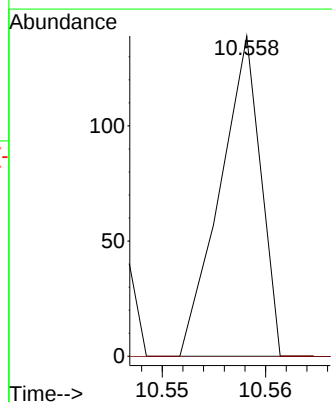
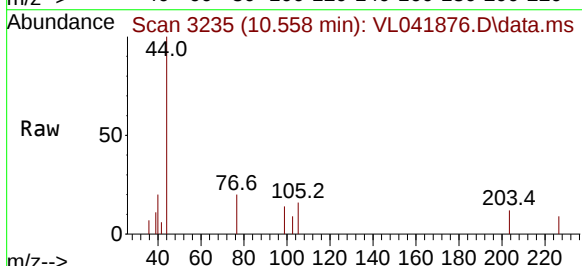
RT: 10.558 min Scan# 3235

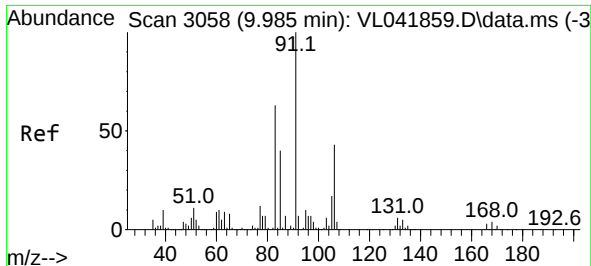
Delta R.T. -0.003 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Tgt Ion:	105	Resp:	38
Ion Ratio	Lower	Upper	
105	100		
120	0.0	20.3	30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 10.021 min Scan# 3058

Delta R.T. 0.036 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

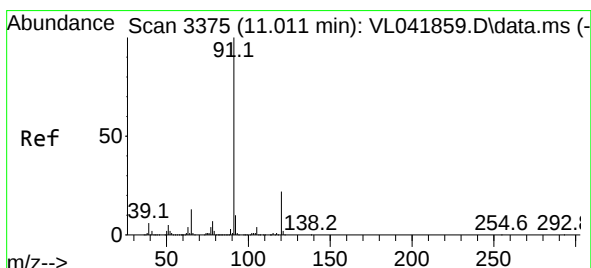
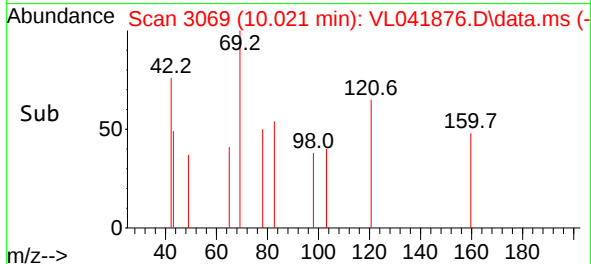
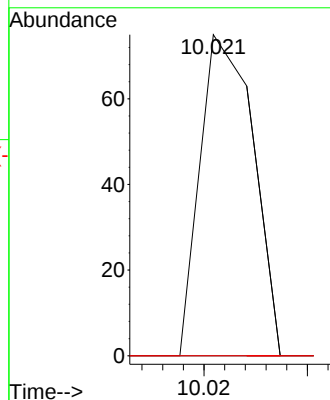
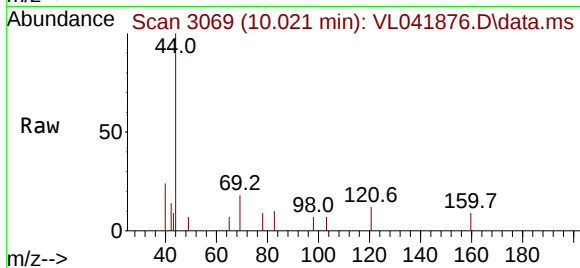
Tgt Ion: 83 Resp: 27

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.1 96.3#



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 10.814 min Scan# 3314

Delta R.T. -0.197 min

Lab File: VL041876.D

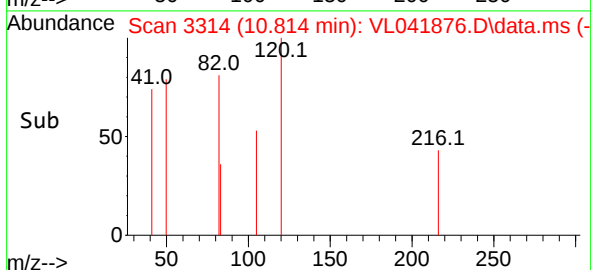
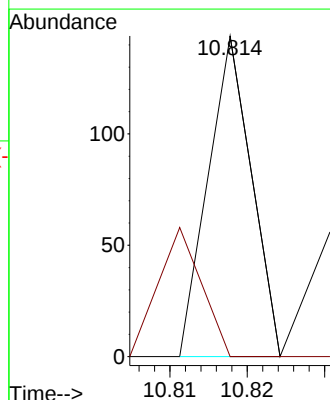
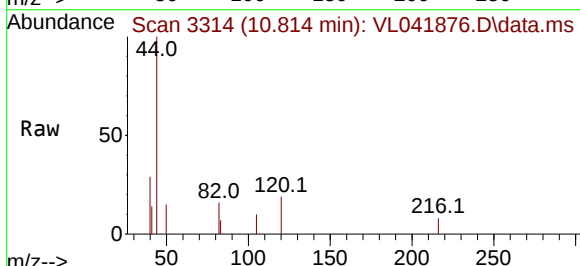
Acq: 09 Jan 2025 20:46

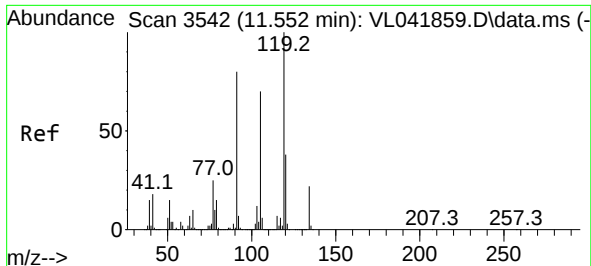
Tgt Ion: 120 Resp: 28

Ion Ratio Lower Upper

120 100

91 500.0 376.9 565.3

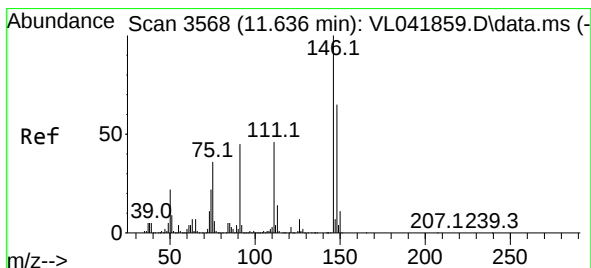
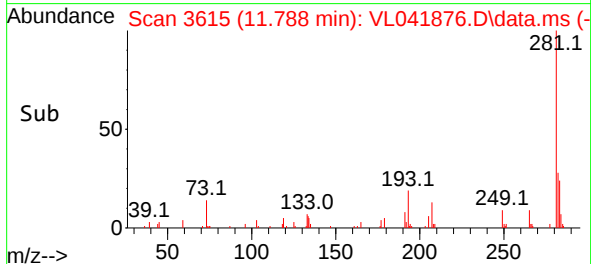
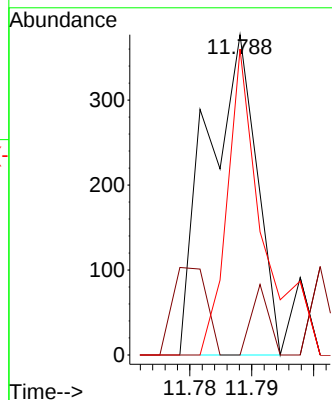
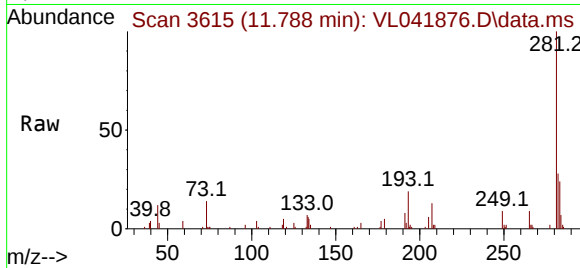




#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 11.788 min Scan# 30
Delta R.T. 0.236 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

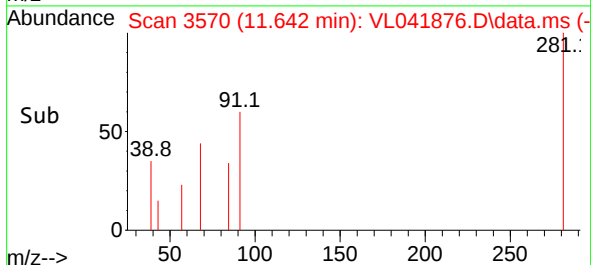
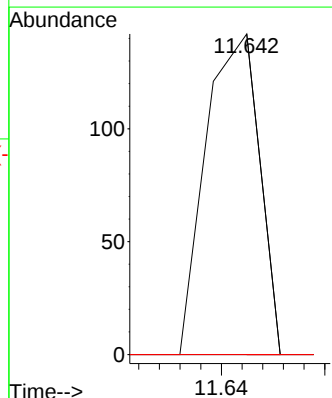
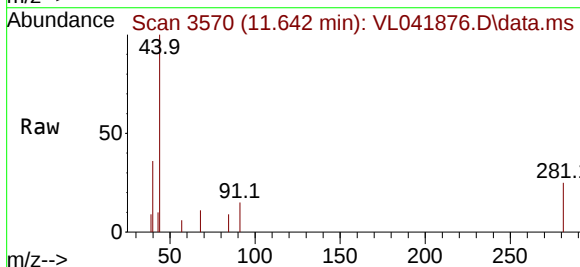
Instrument :
MSVOA_L
ClientSampleId :

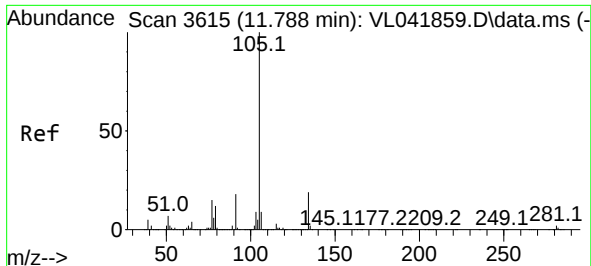
Tgt Ion:119 Resp: 209
Ion Ratio Lower Upper
119 100
91 10.5 64.6 97.0#
134 69.4 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.642 min Scan# 3570
Delta R.T. 0.006 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 51
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.000 ppbv

RT: 11.613 min Scan# 31

Delta R.T. -0.175 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

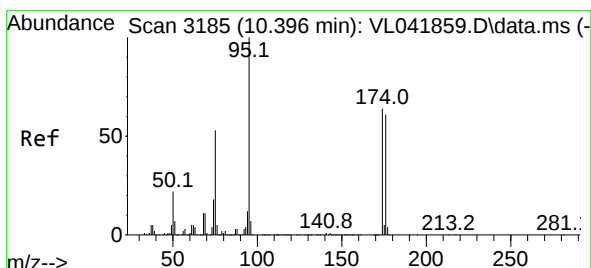
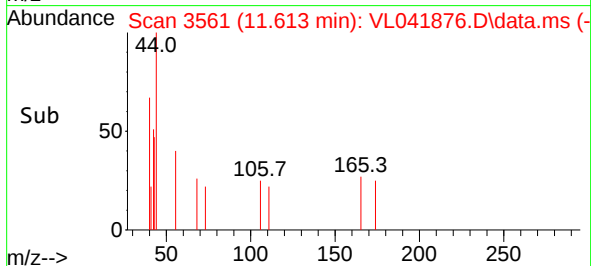
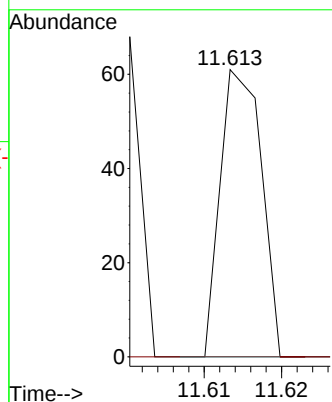
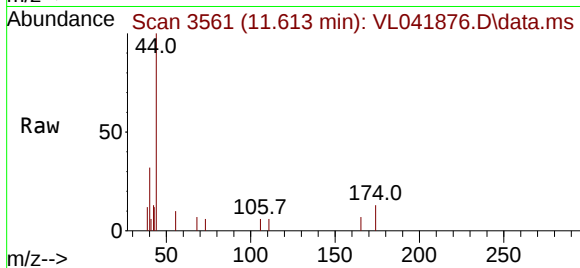
ClientSampleId :

Tgt Ion:105 Resp: 23

Ion Ratio Lower Upper

105 100

134 630.4 15.4 23.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.316 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

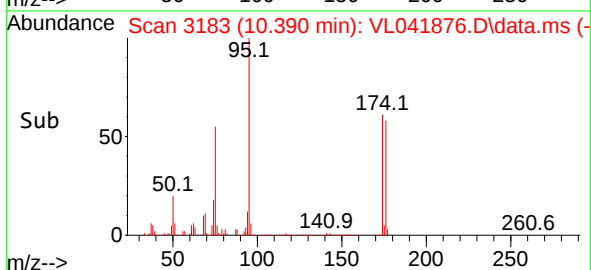
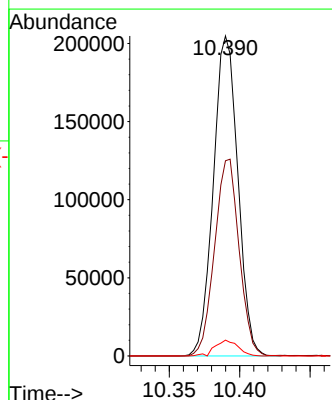
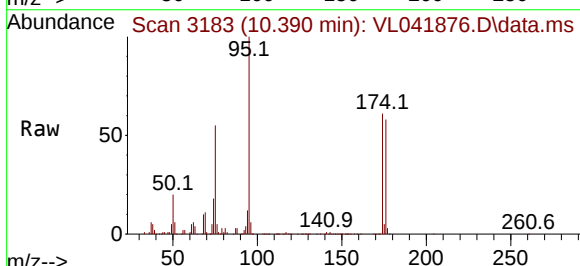
Tgt Ion: 95 Resp: 248334

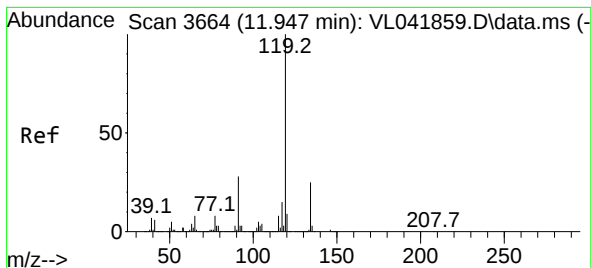
Ion Ratio Lower Upper

95 100

174 61.5 51.1 76.7

175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.003 ppbv

RT: 11.788 min Scan# 3

Delta R.T. -0.159 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

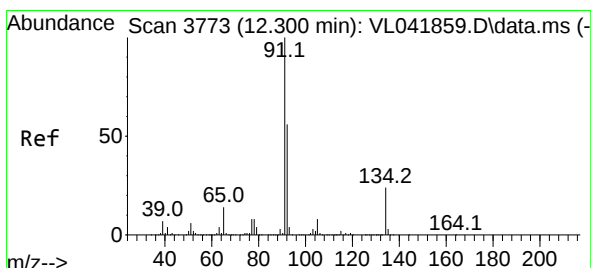
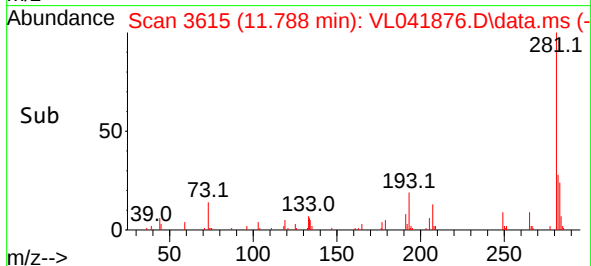
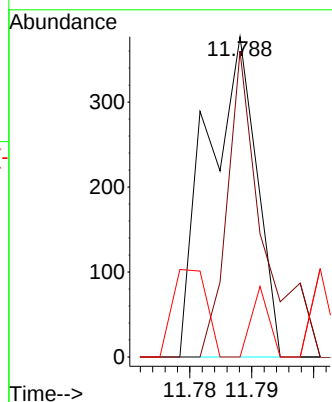
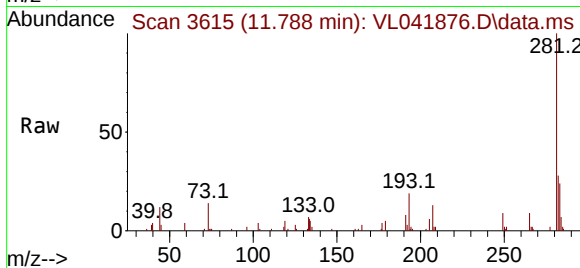
Tgt Ion:119 Resp: 209

Ion Ratio Lower Upper

119 100

134 69.4 20.3 30.5#

91 26.8 22.6 34.0



#70

n-Butylbenzene

Concen: 0.000 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

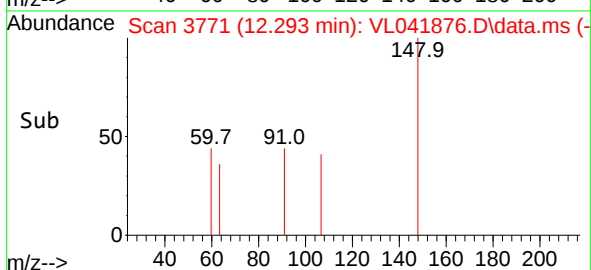
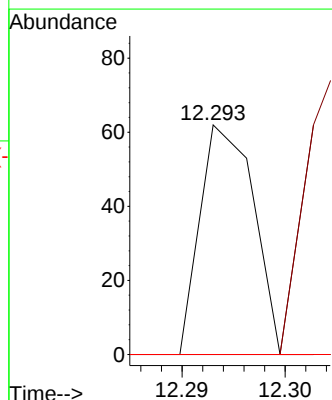
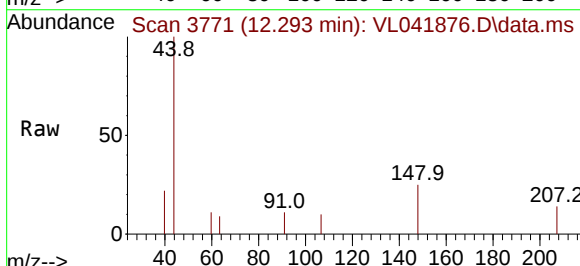
Tgt Ion: 91 Resp: 22

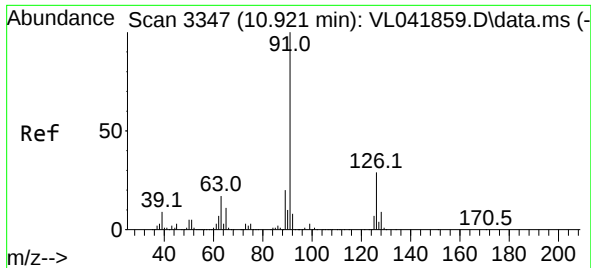
Ion Ratio Lower Upper

91 100

92 131.8 43.8 65.8#

134 345.5 19.3 28.9#

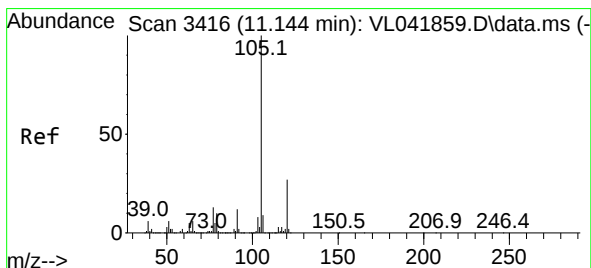
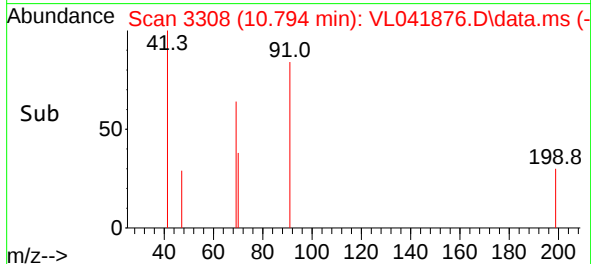
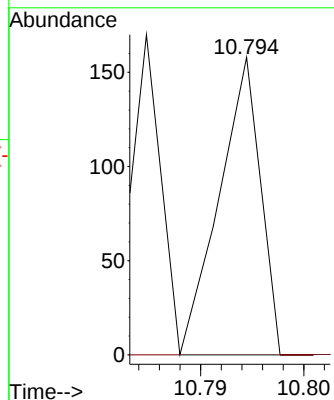
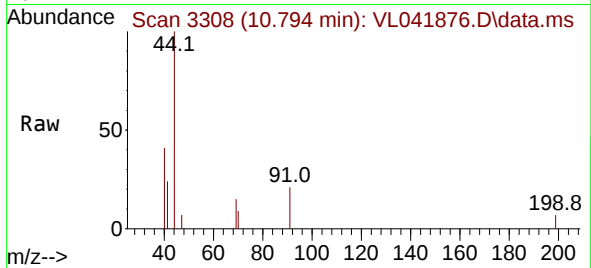




#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.794 min Scan# 31
Delta R.T. -0.126 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

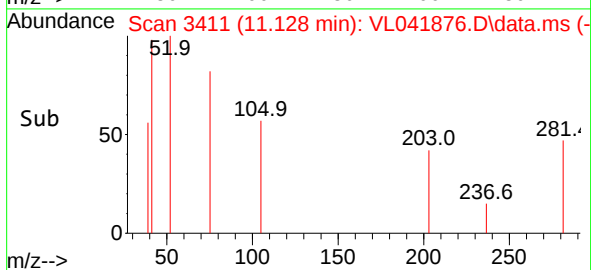
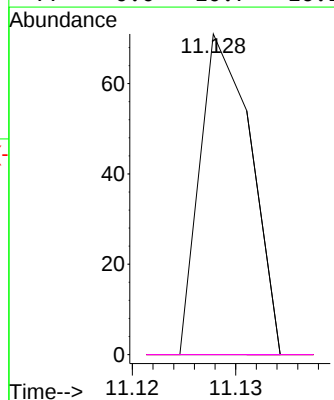
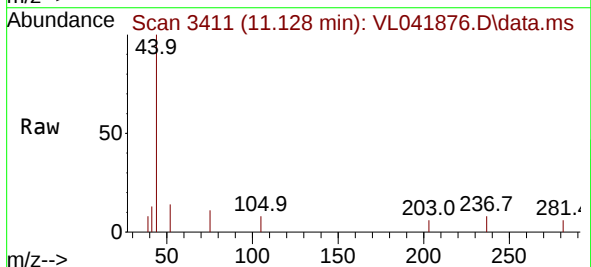
Instrument :
MSVOA_L
ClientSampleId :

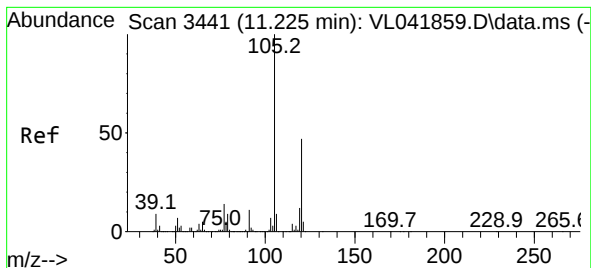
Tgt Ion: 91 Resp: 44
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.6#



#72
4-Ethyltoluene
Concen: 0.000 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.016 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 105 Resp: 24
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 58.3 9.8 14.8#
77 0.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

RT: 11.218 min Scan# 3441

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

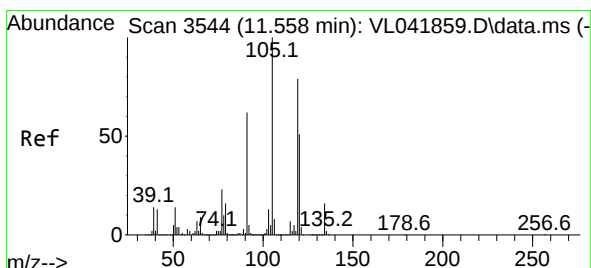
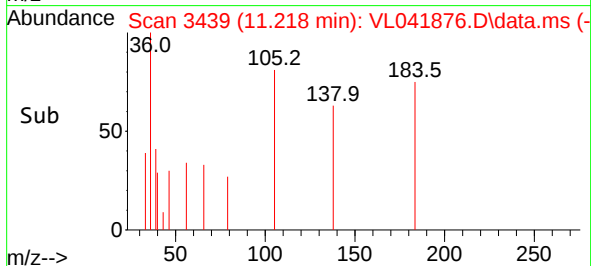
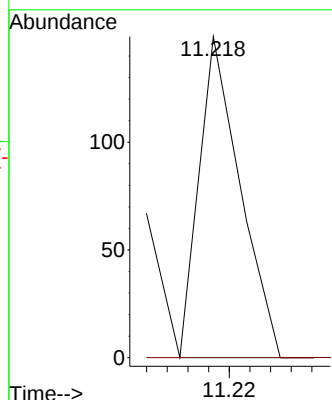
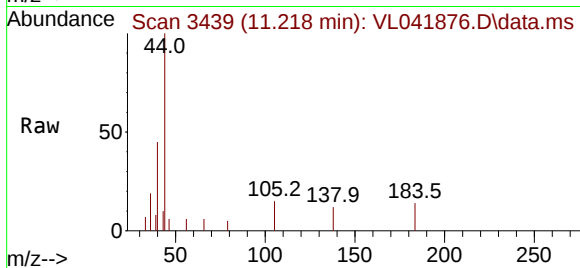
ClientSampleId :

Tgt Ion:105 Resp: 41

Ion Ratio Lower Upper

105 100

120 0.0 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.001 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

Tgt Ion:105 Resp: 50

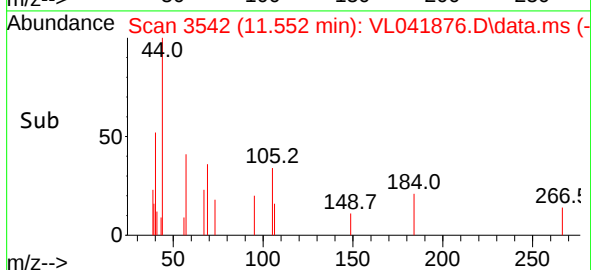
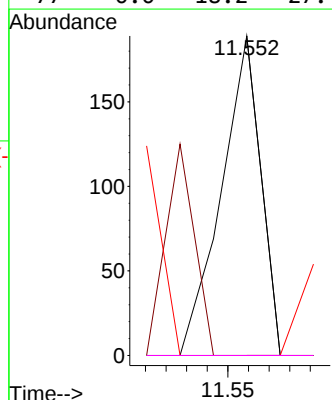
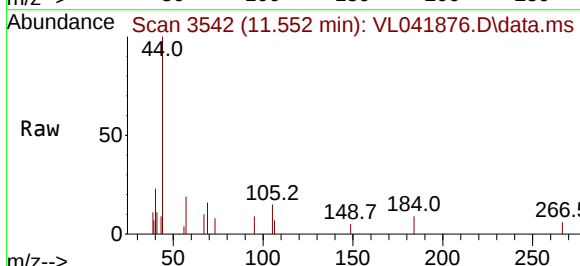
Ion Ratio Lower Upper

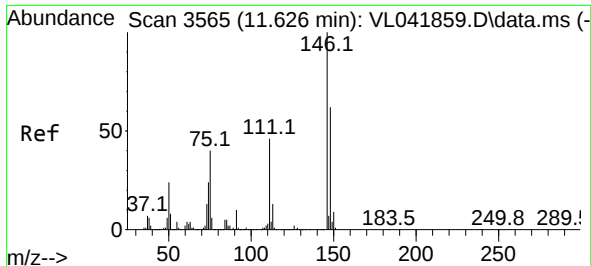
105 100

120 0.0 41.1 61.7#

91 0.0 50.0 75.0#

77 0.0 18.2 27.4#

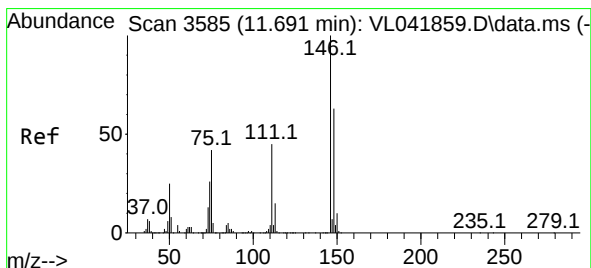
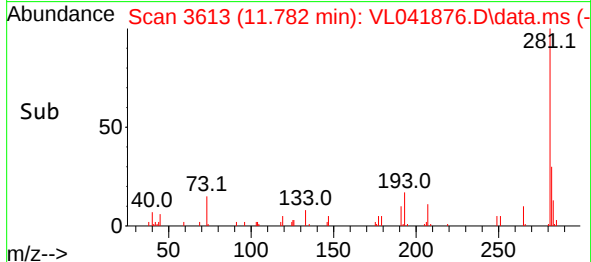
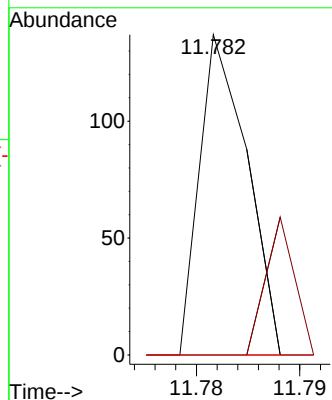
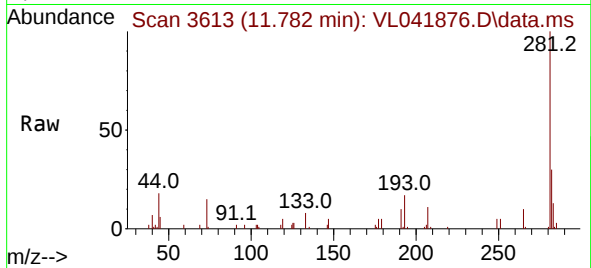




#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.782 min Scan# 3613
Delta R.T. 0.155 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

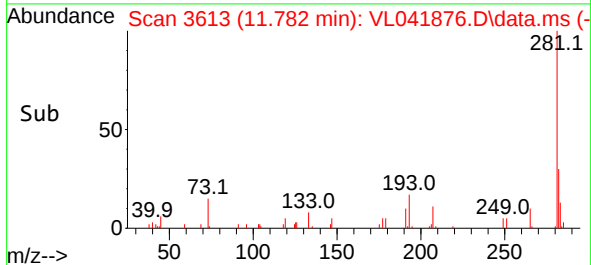
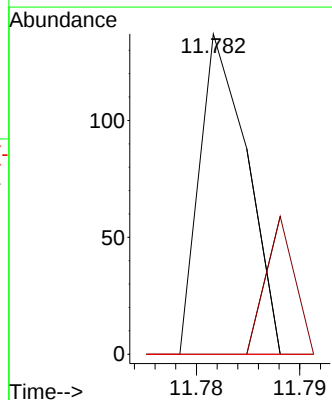
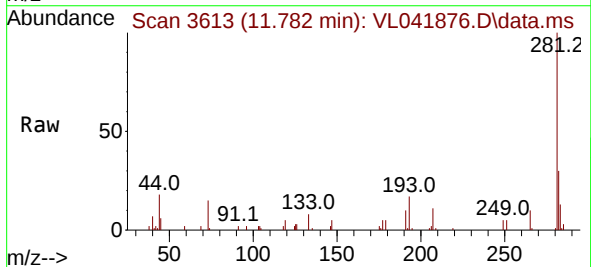
Instrument :
MSVOA_L
ClientSampleId :

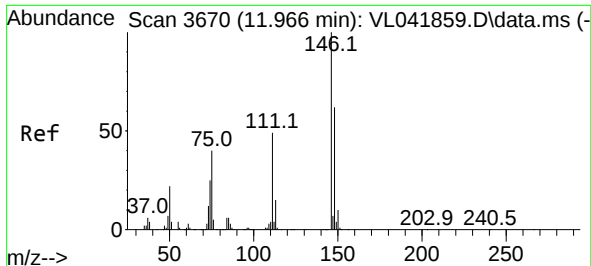
Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 22.7 23.2 69.5#
148 61.4 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.782 min Scan# 3613
Delta R.T. 0.091 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

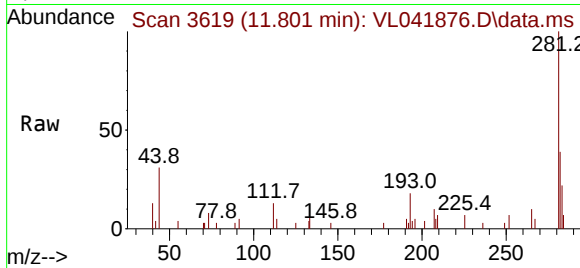
Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 47.7 22.1 66.1
148 61.4 31.2 93.6



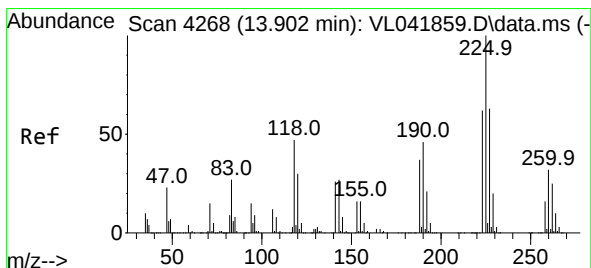
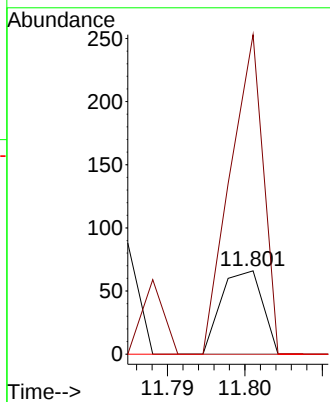
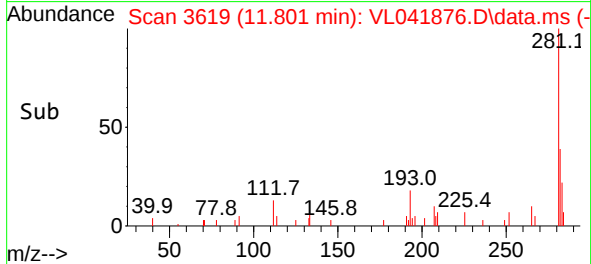


#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.801 min Scan# 30
Delta R.T. -0.165 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

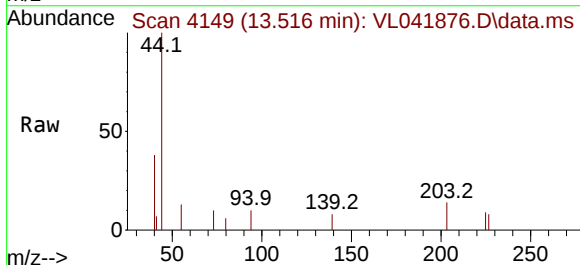
Instrument :
MSVOA_L
ClientSampleId :



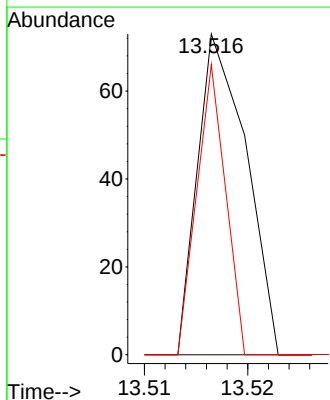
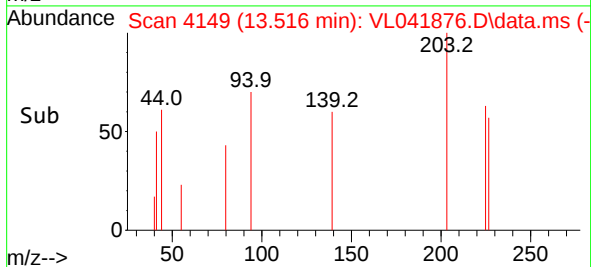
Tgt Ion:146 Resp: 24
Ion Ratio Lower Upper
146 100
111 362.5 24.1 72.3#
148 270.8 31.5 94.5#

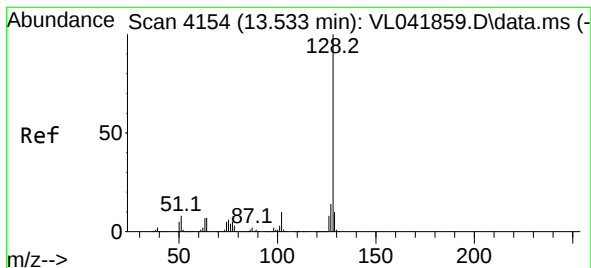


#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.385 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46



Tgt Ion:225 Resp: 24
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 0.000 ppbv

RT: 13.523 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041876.D

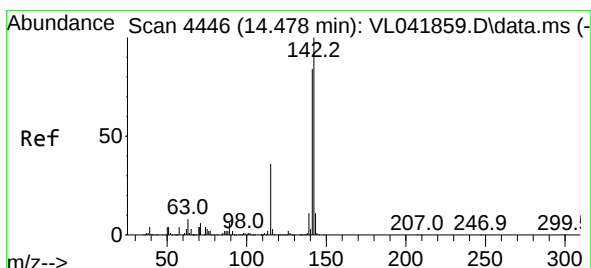
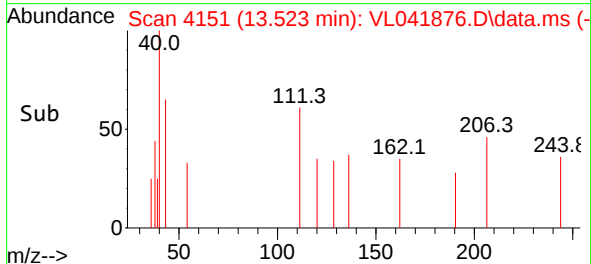
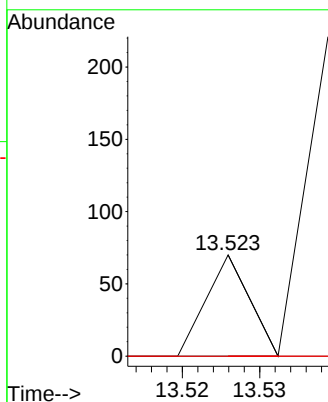
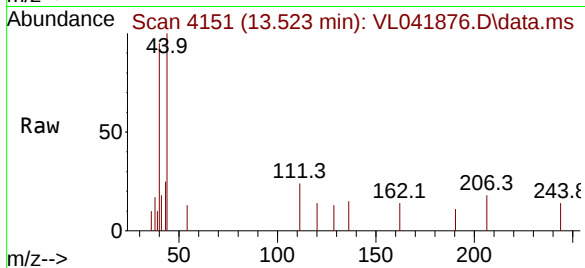
Acq: 09 Jan 2025 20:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	14
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.2	12.4#



#80

Naphthalene,2-methyl-

Concen: 0.003 ppbv

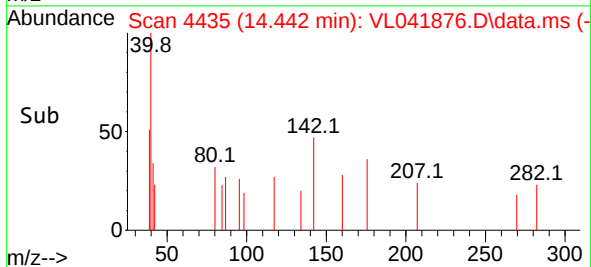
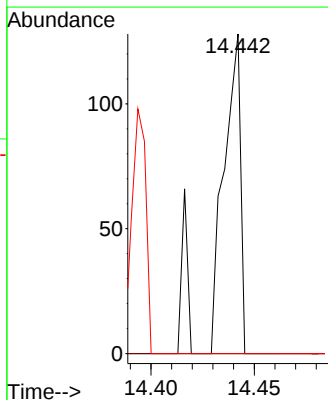
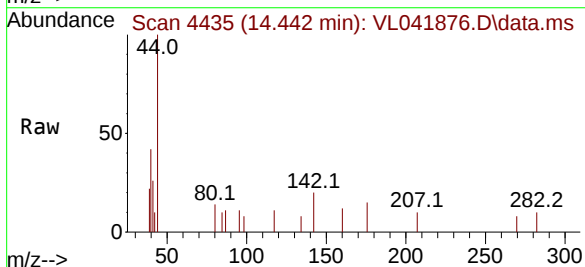
RT: 14.442 min Scan# 4435

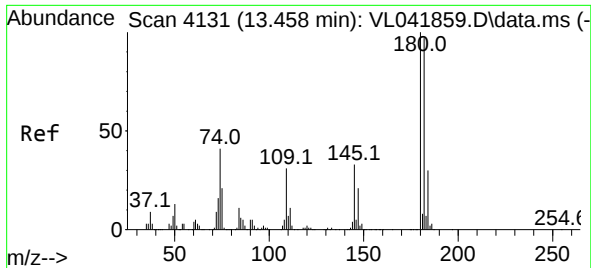
Delta R.T. -0.036 min

Lab File: VL041876.D

Acq: 09 Jan 2025 20:46

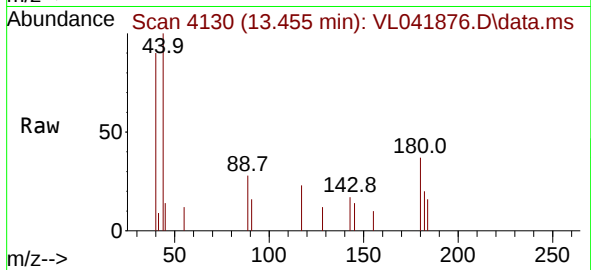
Tgt Ion:	142	Resp:	84
Ion	Ratio	Lower	Upper
142	100		
141	67.9	68.2	102.4#
115	54.8	29.4	44.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.003 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041876.D
 Acq: 09 Jan 2025 20:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 88
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.8 113.8#
 184 47.7 24.1 36.1#

