

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041881.D
 Acq On : 09 Jan 2025 23:17
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:54:14 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	119198	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	350799	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	312465	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	252030	10.059	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.560	85	2338	0.119	ppbv	100
3) Chlorodifluoromethane	1.479	51	3143	0.146	ppbv	99
4) Chloromethane	1.538	50	1340	0.176	ppbv	97
5) Vinyl Chloride	1.586	62	1110	0.137	ppbv #	79
6) Bromomethane	1.673	94	794	0.208	ppbv #	48
7) Chloroethane	1.709	64	433	0.138	ppbv #	75
8) Dichlorotetrafluoroethane	1.560	85	2338	0.137	ppbv	99
9) Propene	1.489	41	2004	0.200	ppbv	90
10) Heptane	5.004	43	1207	0.046	ppbv #	1
11) Trichlorofluoromethane	1.887	101	2824	0.140	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.146	101	2586	0.159	ppbv	84
13) Ethanol	1.894	45	2710	4.254	ppbv #	29
14) Bromoethene	1.787	108	764	0.131	ppbv #	72
15) Acetone	1.842	43	6030	0.300	ppbv #	88
16) 1,3-Butadiene	1.615	39	1452	0.168	ppbv #	82
17) tert-Butyl alcohol	2.049	59	3047	0.134	ppbv #	73
18) 1,1-Dichloroethene	2.042	96	1221	0.166	ppbv #	50
19) Isopropyl Alcohol	1.894	45	2710	0.256	ppbv #	63
20) Methylene Chloride	2.068	84	2093	0.305	ppbv #	83
21) Allyl Chloride	2.104	41	2233	0.174	ppbv #	74
22) trans-1,2-Dichloroethene	2.350	96	1523	0.179	ppbv	86
23) Vinyl Acetate	2.476	43	1109	0.109	ppbv #	52
24) 1,1-Dichloroethane	2.415	63	1905	0.118	ppbv #	88
25) Ethyl Acetate	2.852	43	5430	0.109	ppbv	96
26) Hexane	2.842	57	2863	0.139	ppbv #	84
27) Carbon Disulfide	2.159	76	2369	0.120	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	1252	0.080	ppbv #	21
29) Chloroform	2.424	83	163	0.006	ppbv	93
30) Cyclohexane	3.881	84	1425	0.081	ppbv #	35
31) cis-1,2-Dichloroethene	2.735	61	2461	0.123	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	1980	0.069	ppbv #	22
34) 2-Butanone	2.576	43	4378	0.150	ppbv	94
35) Carbon Tetrachloride	3.777	117	3324	0.122	ppbv #	96
36) Benzene	3.674	78	5678	0.140	ppbv #	91
37) 1,2-Dichloroethane	3.230	62	2946	0.138	ppbv #	94
38) Trichloroethene	4.567	130	345	0.021	ppbv #	3
39) 1,2-Dichloropropane	3.975	63	88433	6.108	ppbv #	23
40) 1,4-Dioxane	4.577	88	10	0.001	ppbv #	17
41) Tetrahydrofuran	3.085	42	2202	0.129	ppbv	94
42) Bromodichloromethane	4.512	83	2345	0.080	ppbv #	85
43) Methyl Methacrylate	4.900	69	663	0.040	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	4408	0.064	ppbv #	30
45) t-1,3-Dichloropropene	6.438	75	509	0.030	ppbv #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

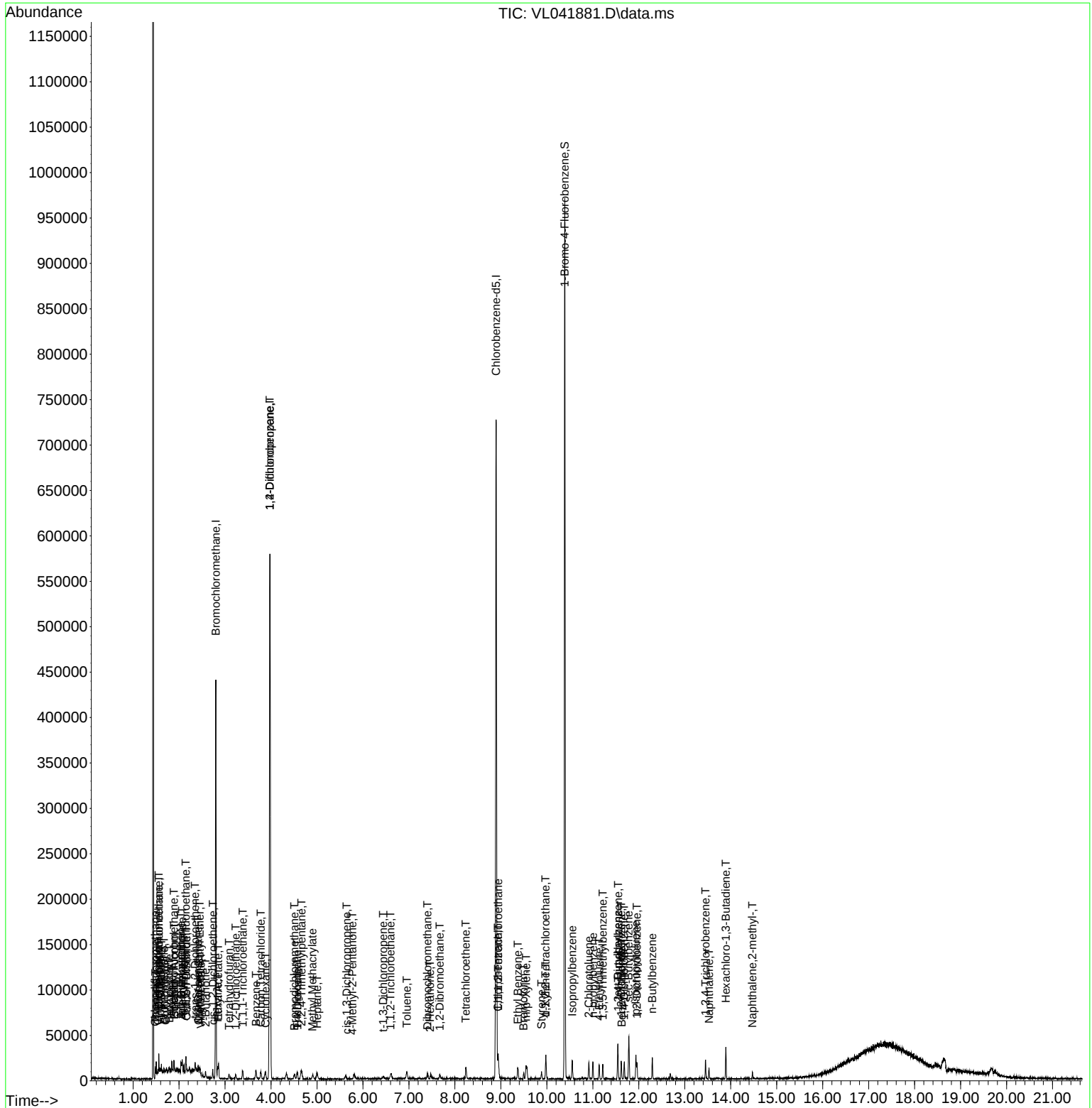
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 ClientSampleId :

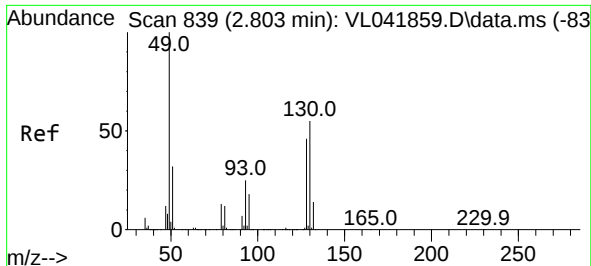
Quant Time: Jan 10 01:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.645	75	324	0.015	ppbv	89
47) 1,1,2-Trichloroethane	6.600	97	952	0.063	ppbv #	69
48) Dibromochloromethane	7.399	129	792	0.034	ppbv #	10
49) Bromoform	9.490	173	649	0.032	ppbv #	13
50) 4-Methyl-2-Pentanone	5.768	43	98	0.002	ppbv #	38
51) 2-Hexanone	7.457	43	513	0.015	ppbv #	28
52) Tetrachloroethene	8.237	164	1564	0.100	ppbv #	71
53) Toluene	6.956	91	5496	0.114	ppbv	91
54) 1,2-Dibromoethane	7.671	107	953	0.046	ppbv	83
56) 1,1,1,2-Tetrachloroethane	8.940	131	1500	0.081	ppbv #	8
57) Chlorobenzene	8.936	112	4354	0.125	ppbv #	88
58) Ethyl Benzene	9.367	91	7412	0.115	ppbv #	78
59) m/p-Xylene	9.548	91	6431	0.127	ppbv #	100
60) o-Xylene	9.972	91	2598	0.051	ppbv #	1
61) Styrene	9.882	104	1848	0.073	ppbv #	74
62) Isopropylbenzene	10.552	105	9208	0.121	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.972	83	1829	0.060	ppbv #	25
64) n-propylbenzene	11.005	120	1986	0.100	ppbv	90
65) tert-Butylbenzene	11.545	119	7266	0.105	ppbv	92
66) Benzyl Chloride	11.629	91	313	0.044	ppbv #	66
67) sec-Butylbenzene	11.778	105	10817	0.114	ppbv #	91
69) p-Isopropyltoluene	11.934	119	8131	0.100	ppbv #	92
70) n-Butylbenzene	12.293	91	8440	0.104	ppbv	96
71) 2-Chlorotoluene	10.914	91	7004	0.119	ppbv	99
72) 4-Ethyltoluene	11.137	105	6361	0.102	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.215	105	5259	0.100	ppbv	93
74) 1,2,4-Trimethylbenzene	11.552	105	6397	0.112	ppbv #	80
75) 1,3-Dichlorobenzene	11.616	146	4398	0.128	ppbv	95
76) 1,4-Dichlorobenzene	11.681	146	2323	0.068	ppbv #	24
77) 1,2-Dichlorobenzene	11.960	146	4074	0.126	ppbv	92
78) Hexachloro-1,3-Butadiene	13.892	225	3452	0.124	ppbv	91
79) Naphthalene	13.526	128	5406	0.088	ppbv #	90
80) Naphthalene,2-methyl-	14.471	142	2511	0.075	ppbv #	77
81) 1,2,4-Trichlorobenzene	13.452	180	3551	0.121	ppbv	96

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

Quant Time: Jan 10 01:54:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

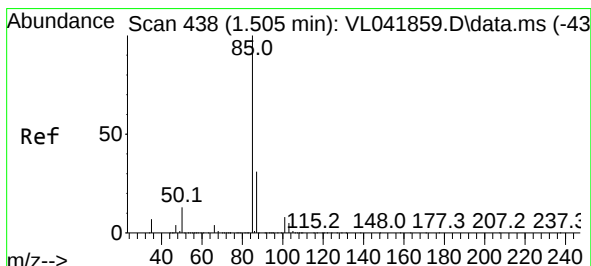
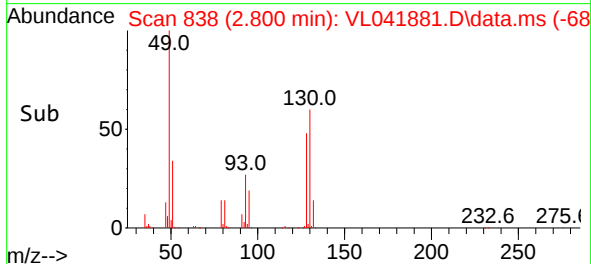
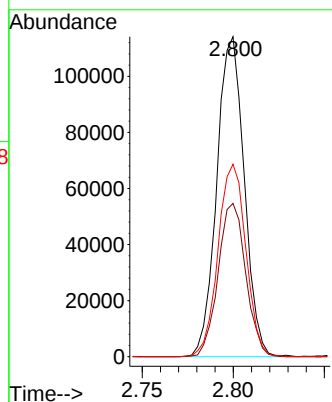
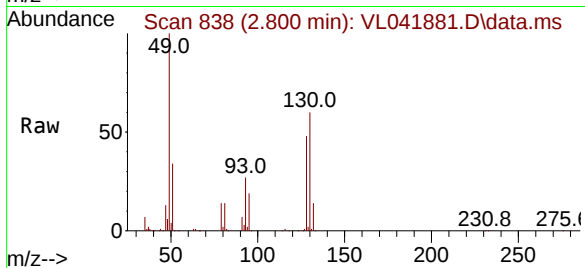




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

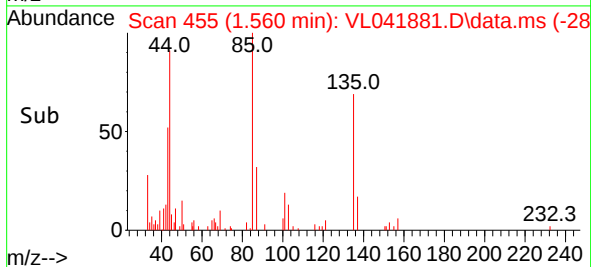
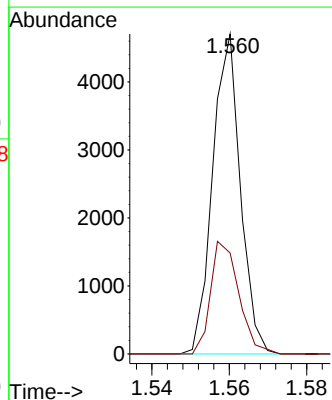
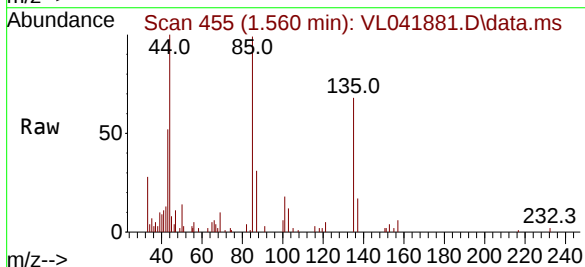
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MSVOA_L
ClientSampleId :

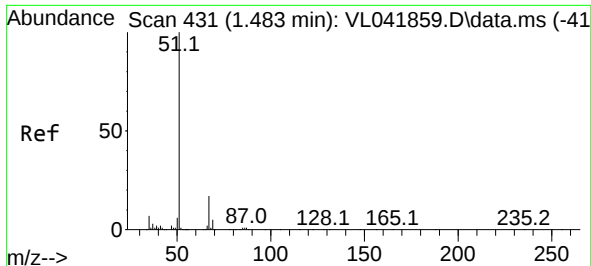
Tgt Ion: 49 Resp: 119198
Ion Ratio Lower Upper
49 100
128 48.3 23.2 69.5
130 61.0 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.055 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 85 Resp: 2338
Ion Ratio Lower Upper
85 100
87 31.6 25.2 37.8

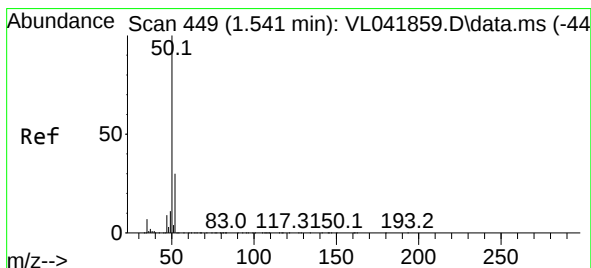
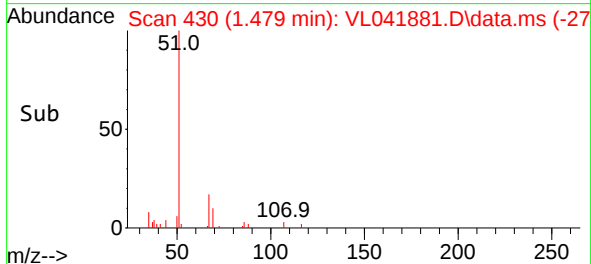
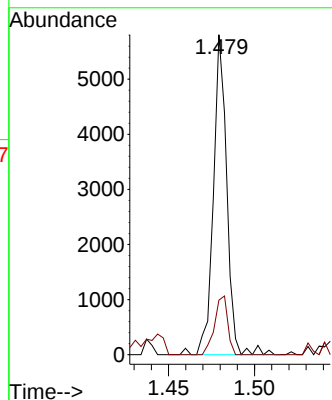
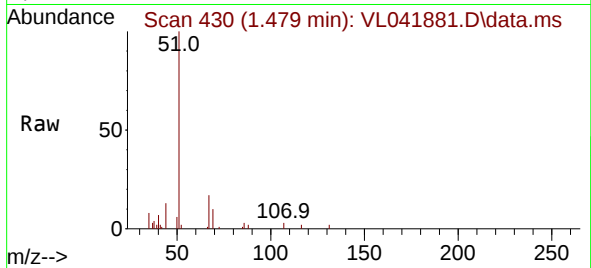




#3
Chlorodifluoromethane
Concen: 0.146 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

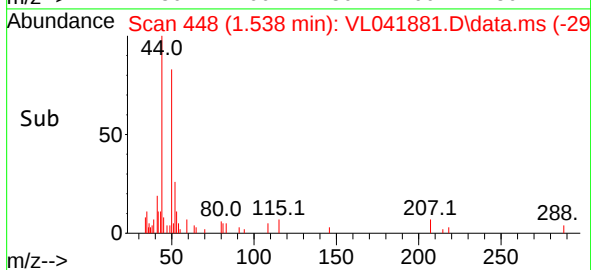
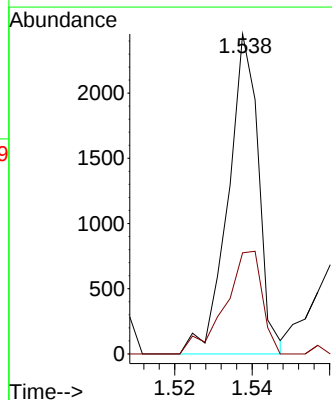
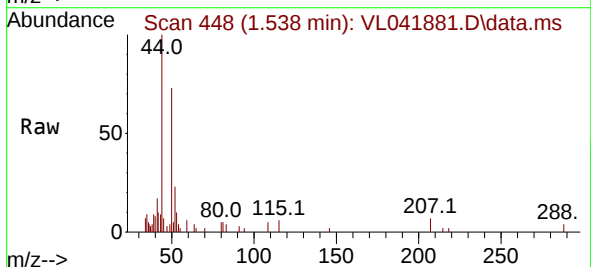
Instrument :
MSVOA_L
ClientSampleId :

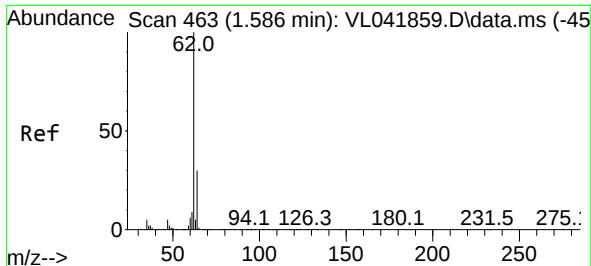
Tgt Ion: 51 Resp: 3143
Ion Ratio Lower Upper
51 100
67 17.8 13.8 20.8



#4
Chloromethane
Concen: 0.176 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 50 Resp: 1340
Ion Ratio Lower Upper
50 100
52 31.6 23.9 35.9

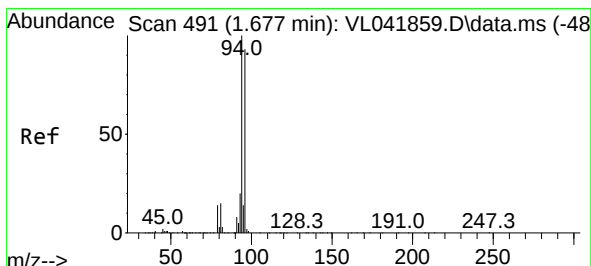
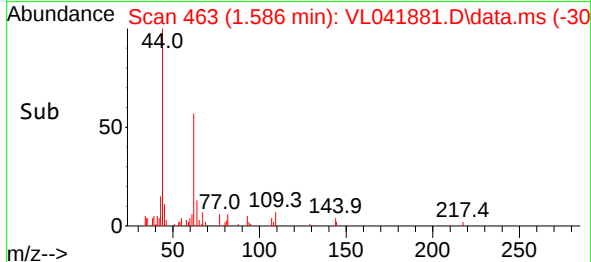
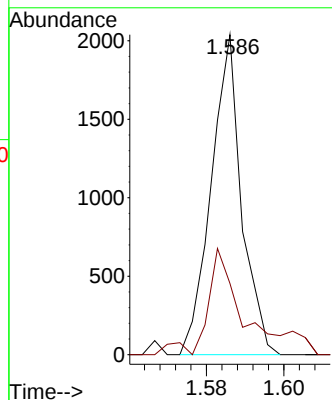
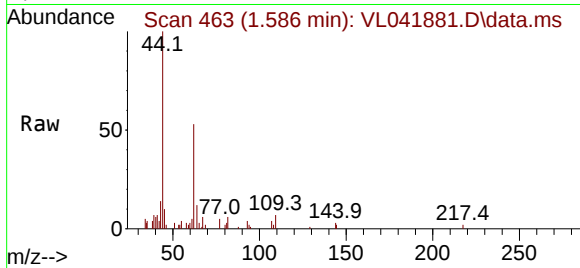




#5
 Vinyl Chloride
 Concen: 0.137 ppbv
 RT: 1.586 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

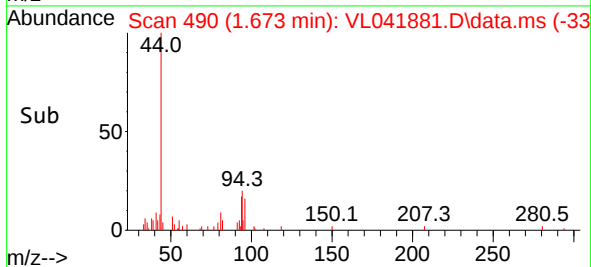
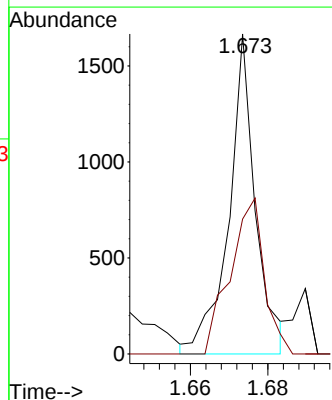
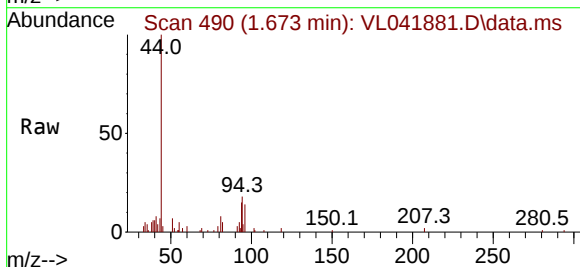
Instrument :
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 ClientSampleId :

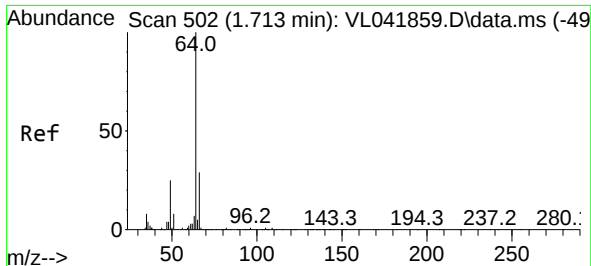
Tgt Ion: 62 Resp: 1110
 Ion Ratio Lower Upper
 62 100
 64 18.5 24.1 36.1#



#6
 Bromomethane
 Concen: 0.208 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Tgt Ion: 94 Resp: 794
 Ion Ratio Lower Upper
 94 100
 96 43.5 74.8 112.2#

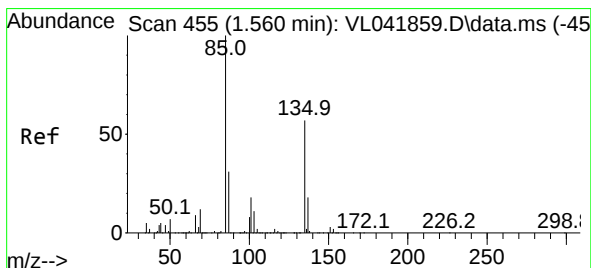
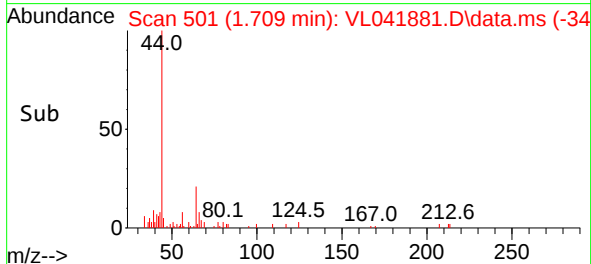
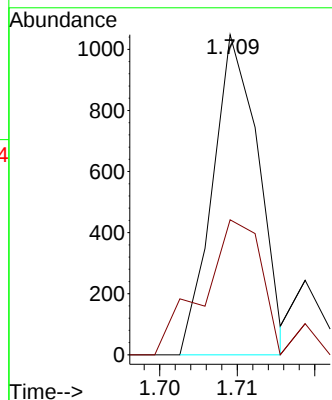
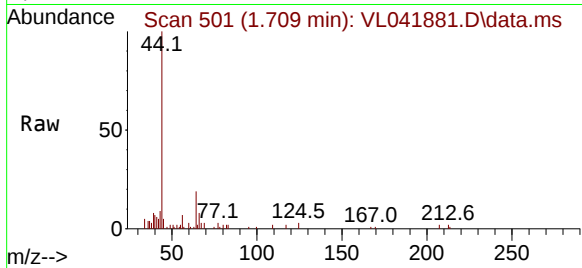




#7
Chloroethane
Concen: 0.138 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

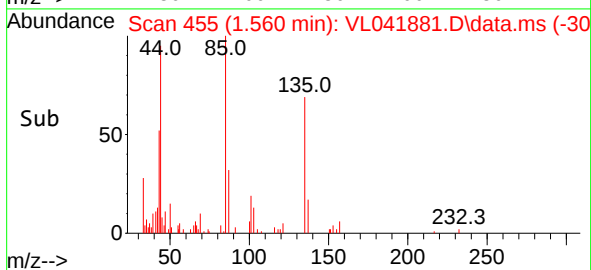
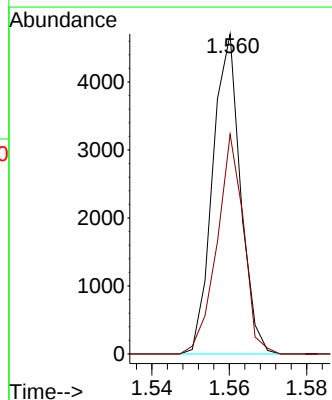
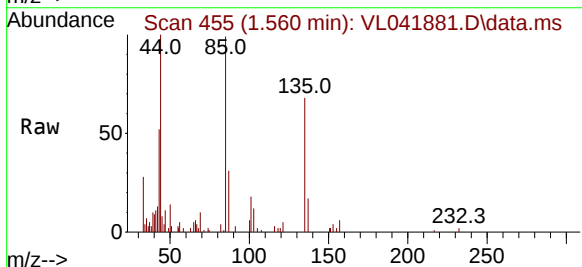
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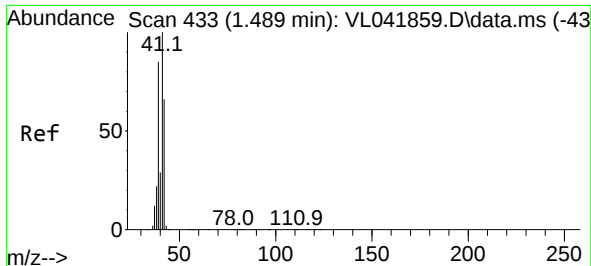
Tgt Ion: 64 Resp: 433
Ion Ratio Lower Upper
64 100
66 42.2 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.137 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 85 Resp: 2338
Ion Ratio Lower Upper
85 100
135 66.1 52.2 78.4

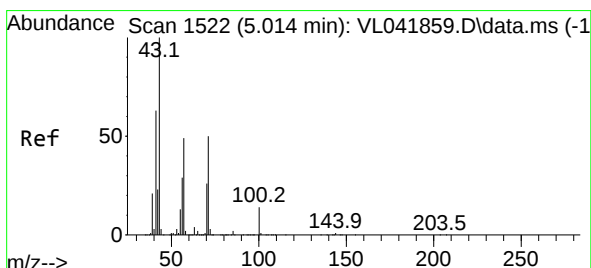
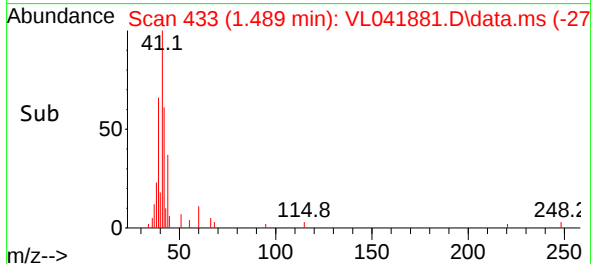
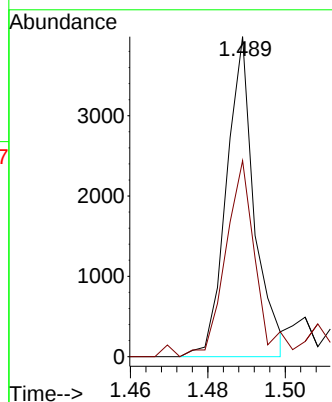
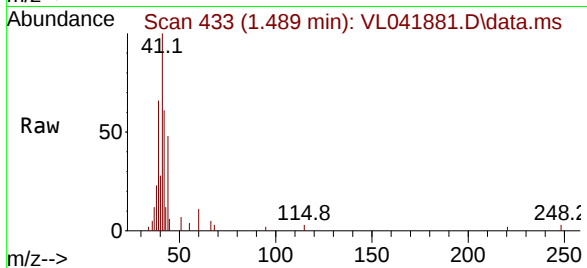




#9
Propene
Concen: 0.200 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

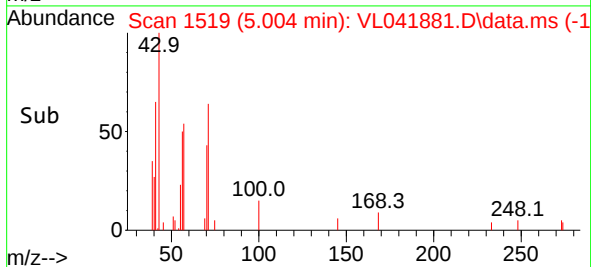
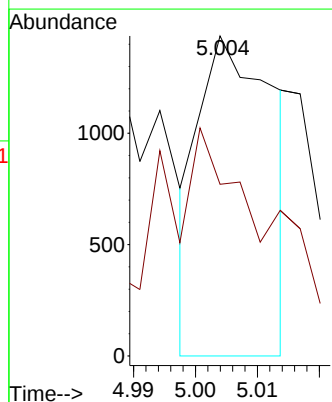
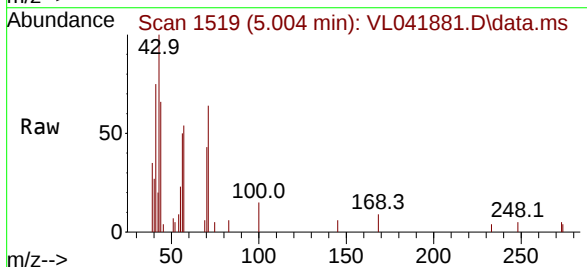
Instrument :
MSVOA_L
ClientSampleId :

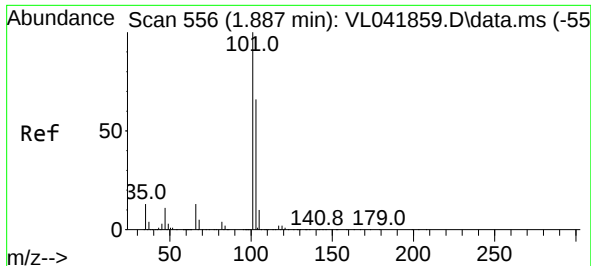
Tgt Ion: 41 Resp: 2004
Ion Ratio Lower Upper
41 100
42 74.0 53.0 79.6



#10
Heptane
Concen: 0.046 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
57 140.8 40.2 60.2#

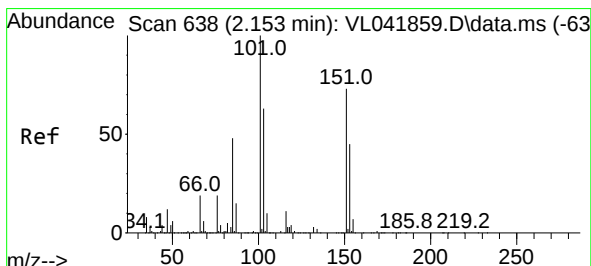
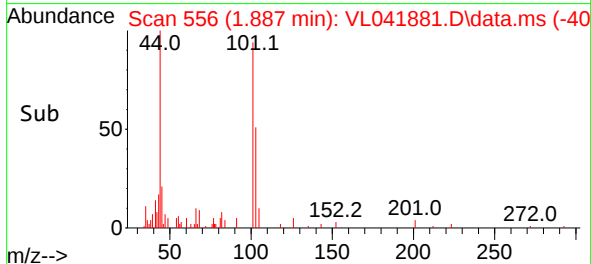
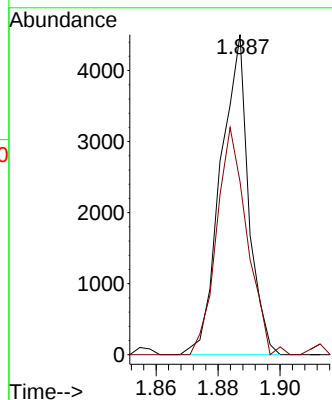
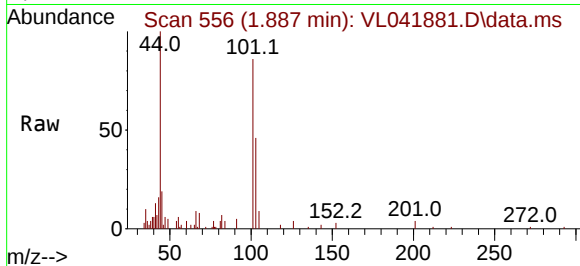




#11
 Trichlorofluoromethane
 Concen: 0.140 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

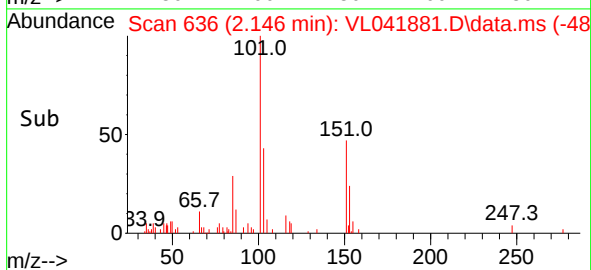
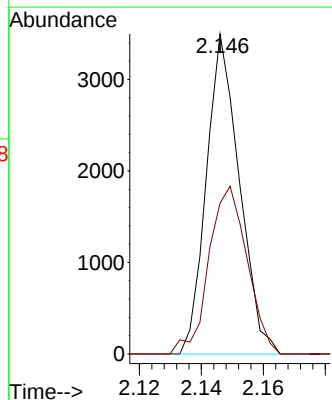
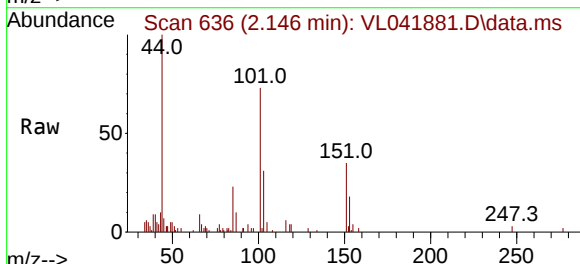
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:101 Resp: 2824
 Ion Ratio Lower Upper
 101 100
 103 54.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.159 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Tgt Ion:101 Resp: 2586
 Ion Ratio Lower Upper
 101 100
 151 60.8 59.4 89.0

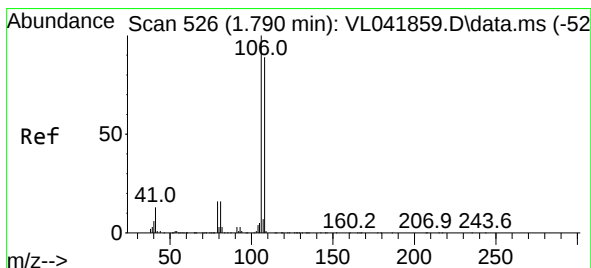
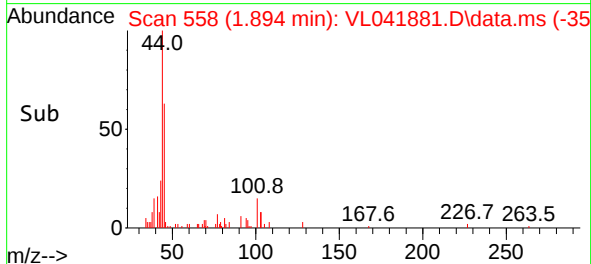
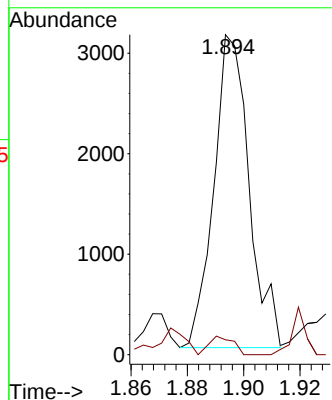
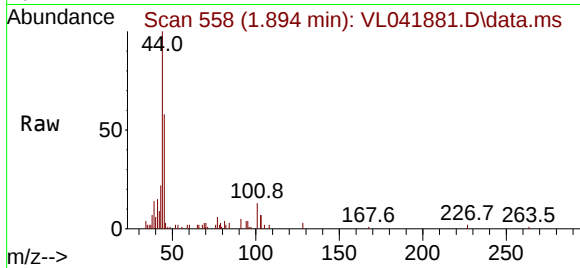




#13
Ethanol
Concen: 4.254 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.165 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

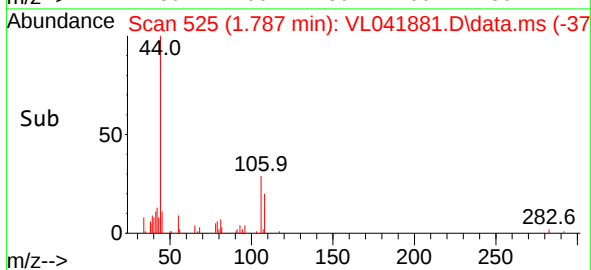
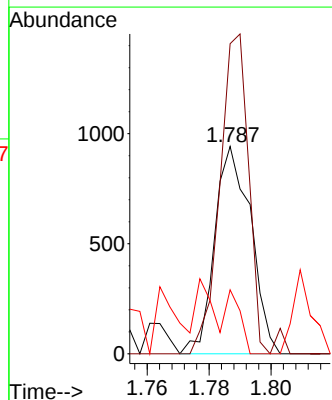
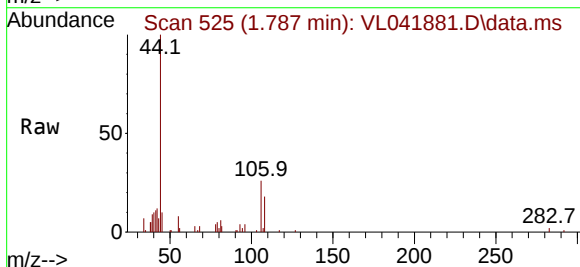
Instrument :
MSVOA_L
ClientSampleId :

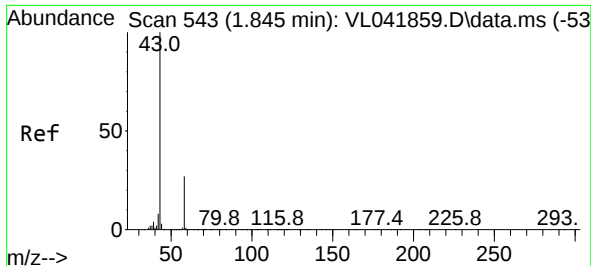
Tgt Ion: 45 Resp: 2710
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0#



#14
Bromoethene
Concen: 0.131 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:108 Resp: 764
Ion Ratio Lower Upper
108 100
106 124.7 86.9 130.3
79 63.2 15.6 23.4#





#15

Acetone

Concen: 0.300 ppbv

RT: 1.842 min Scan# 54

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

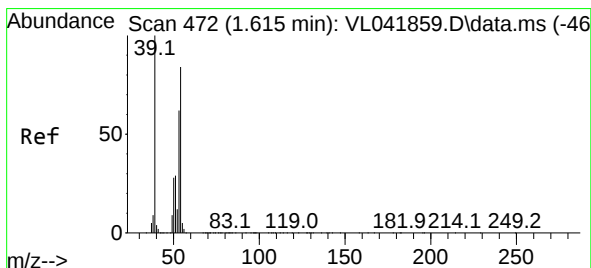
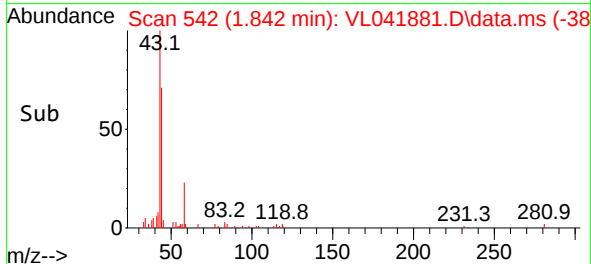
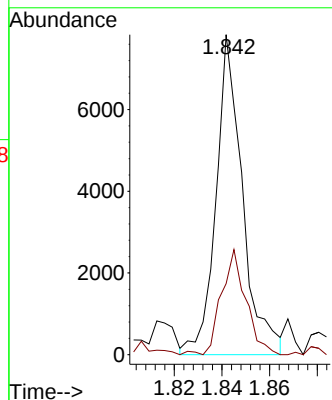
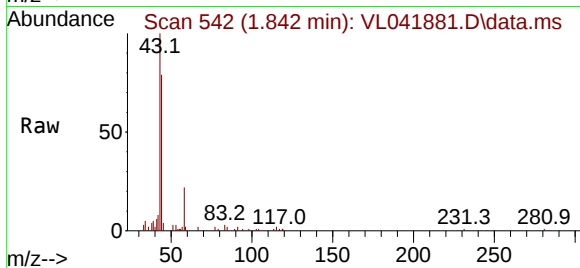
ClientSampleId :

Tgt Ion: 43 Resp: 6030

Ion Ratio Lower Upper

43 100

58 35.0 22.7 34.1#



#16

1,3-Butadiene

Concen: 0.168 ppbv

RT: 1.615 min Scan# 472

Delta R.T. -0.000 min

Lab File: VL041881.D

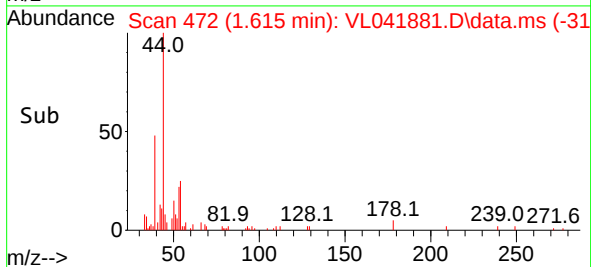
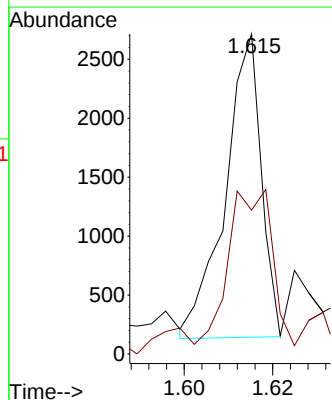
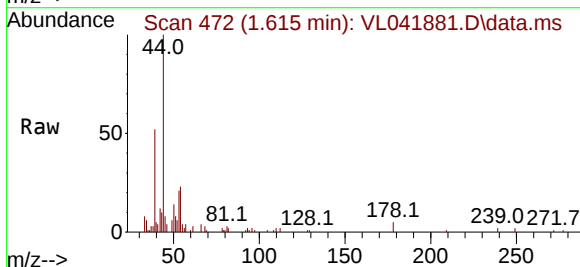
Acq: 09 Jan 2025 23:17

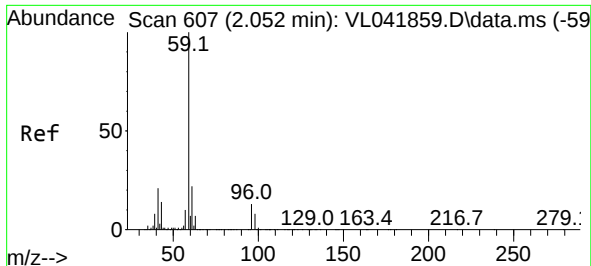
Tgt Ion: 39 Resp: 1452

Ion Ratio Lower Upper

39 100

54 90.4 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.134 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

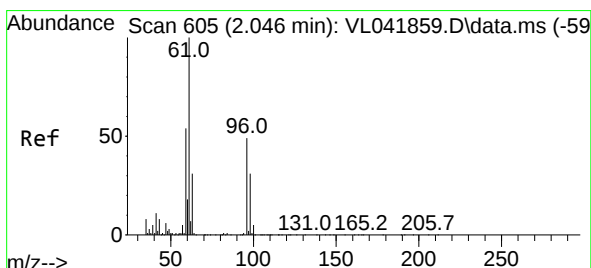
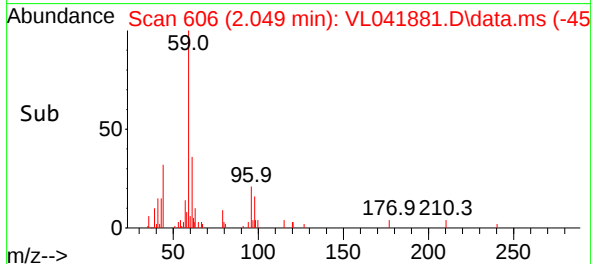
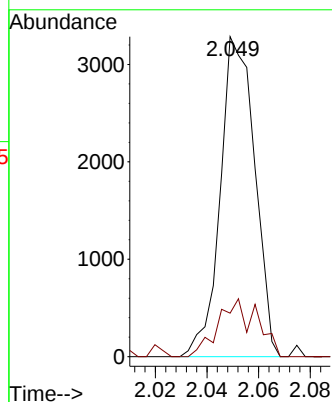
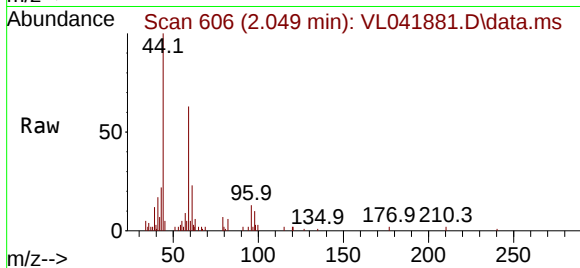
ClientSampleId :

Tgt Ion: 59 Resp: 3047

Ion Ratio Lower Upper

59 100

57 20.3 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.166 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

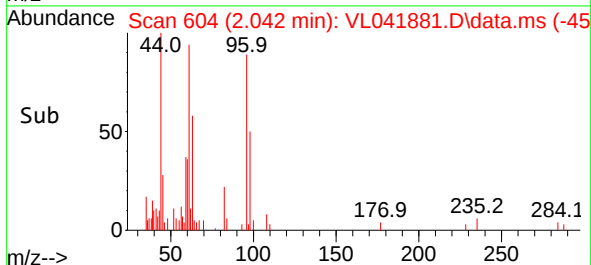
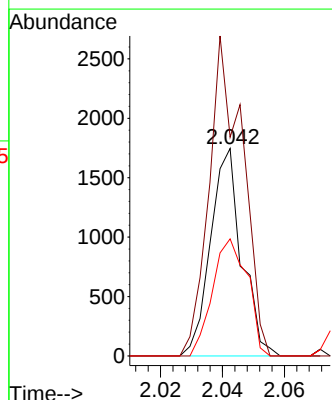
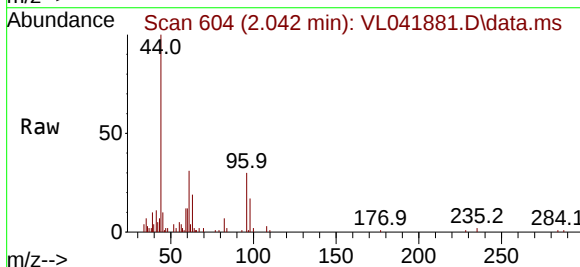
Tgt Ion: 96 Resp: 1221

Ion Ratio Lower Upper

96 100

61 105.4 161.7 242.5#

98 56.5 51.0 76.4

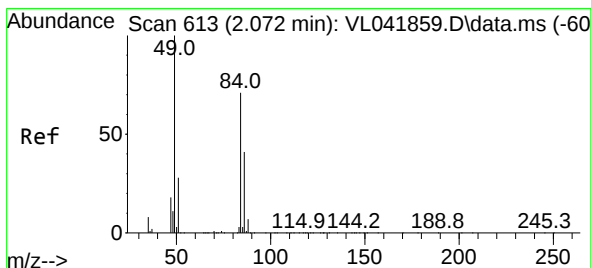
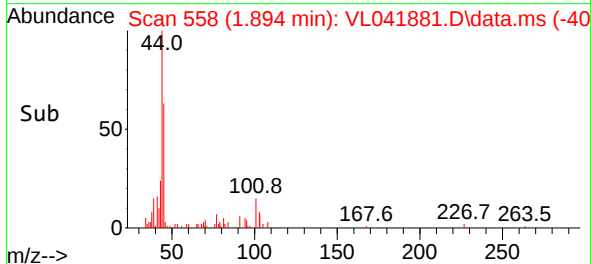
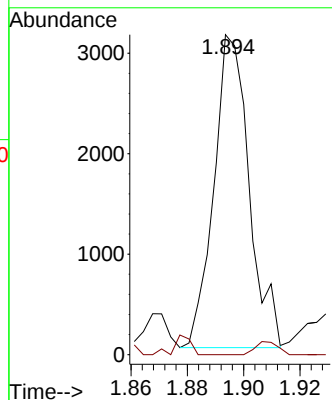
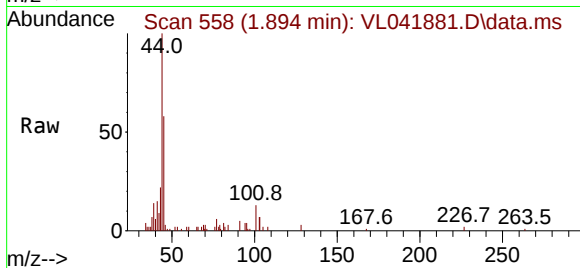




#19
Isopropyl Alcohol
Concen: 0.256 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

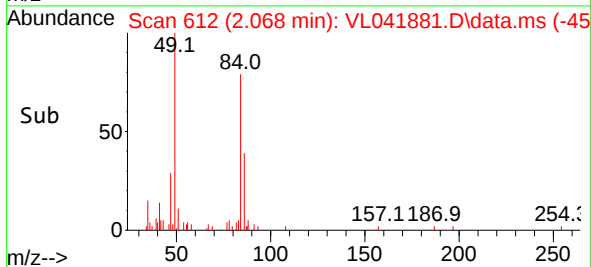
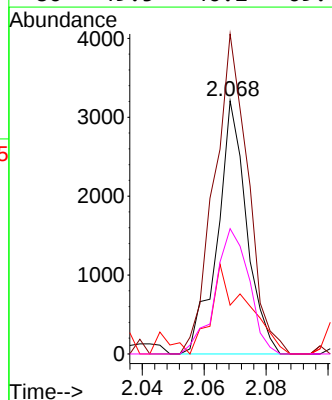
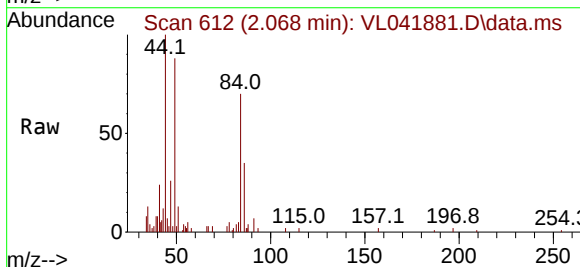
Instrument :
MSVOA_L
ClientSampleId :

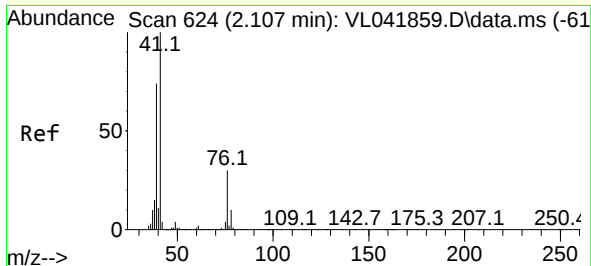
Tgt Ion: 45 Resp: 2710
Ion Ratio Lower Upper
45 100
58 70.9 37.0 55.6#



#20
Methylene Chloride
Concen: 0.305 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

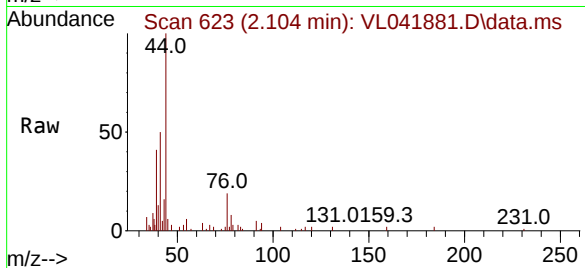
Tgt Ion: 84 Resp: 2093
Ion Ratio Lower Upper
84 100
49 126.4 113.8 170.8
51 16.3 33.5 50.3#
86 49.5 46.2 69.4



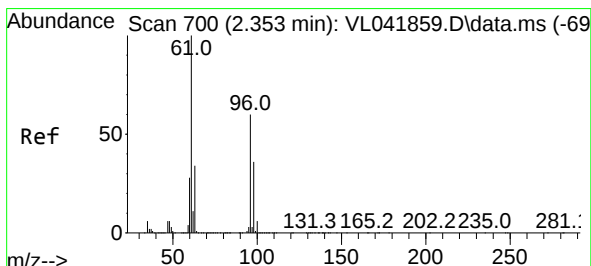
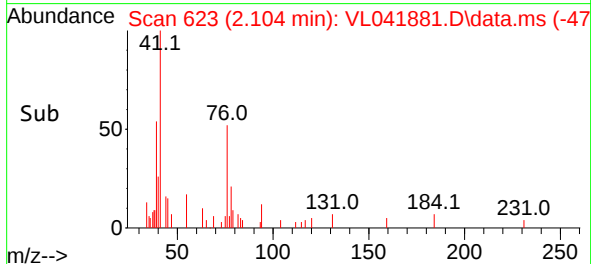
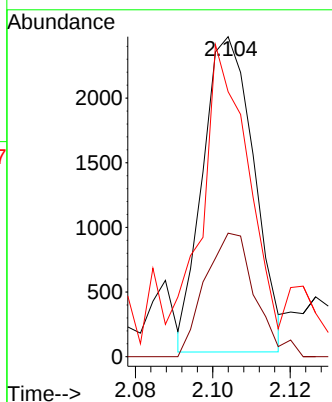


#21
 Allyl Chloride
 Concen: 0.174 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Instrument :
 MSVOA_L
 ClientSampleId :

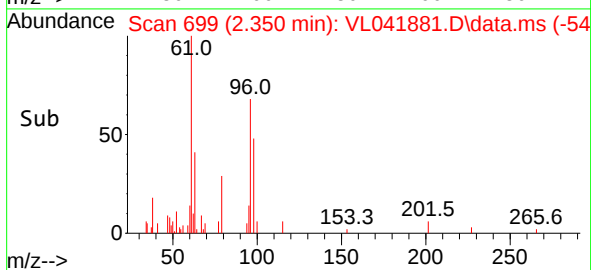
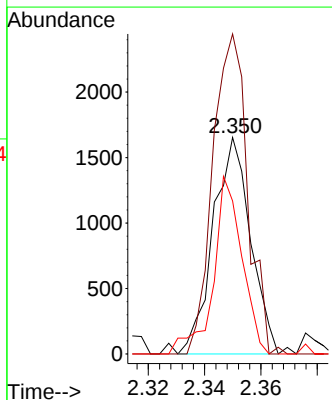
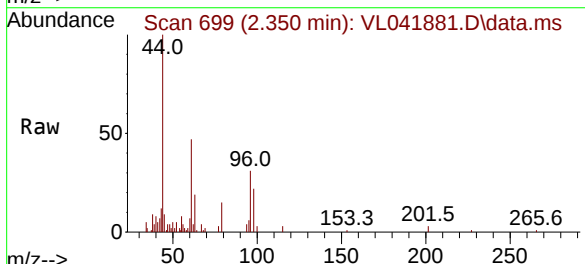


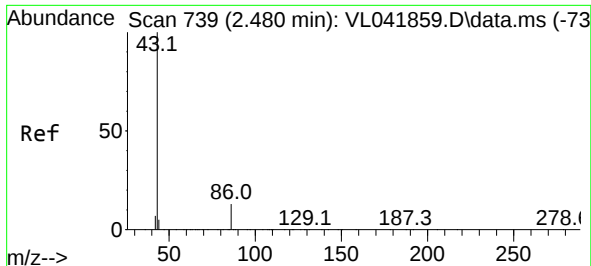
Tgt Ion: 41 Resp: 2233
 Ion Ratio Lower Upper
 41 100
 76 38.6 24.6 36.8#
 39 101.5 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.179 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

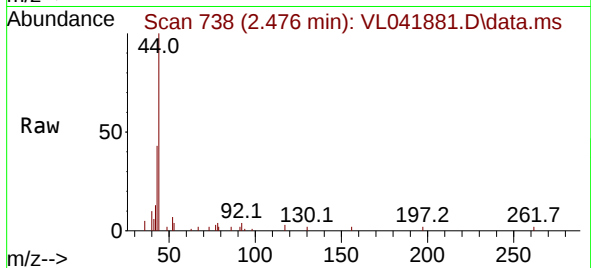
Tgt Ion: 96 Resp: 1523
 Ion Ratio Lower Upper
 96 100
 61 147.9 134.2 201.4
 98 70.7 49.0 73.4



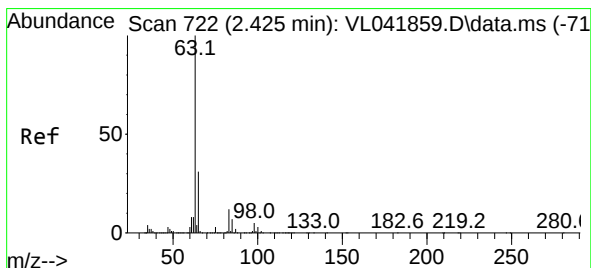
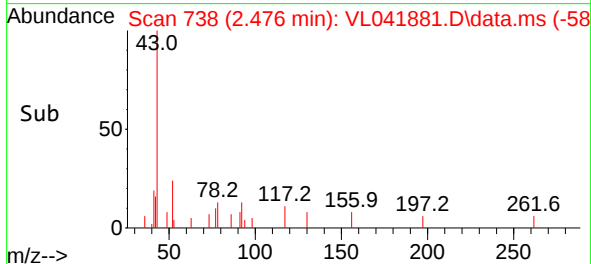
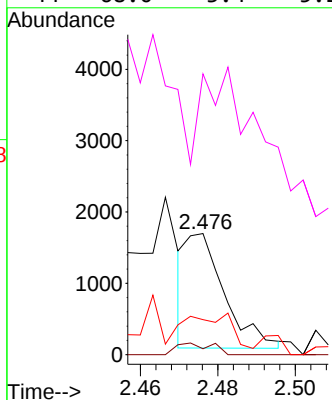


#23
 Vinyl Acetate
 Concen: 0.109 ppbv
 RT: 2.476 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Instrument :
 MSVOA_L
 ClientSampleId :

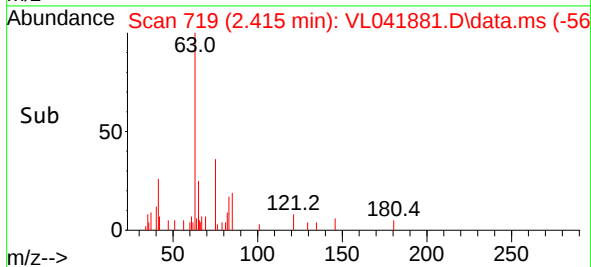
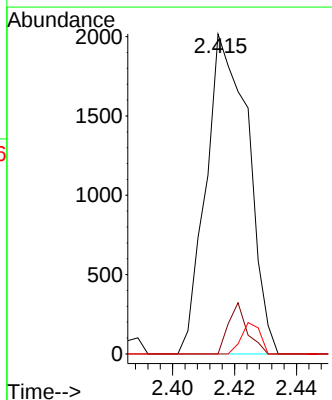
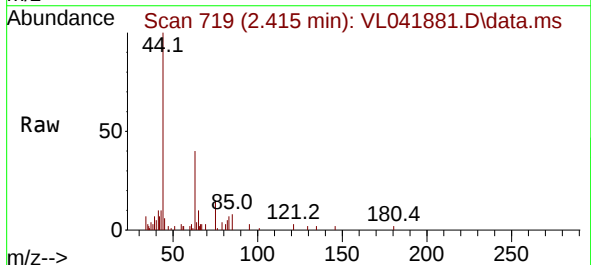


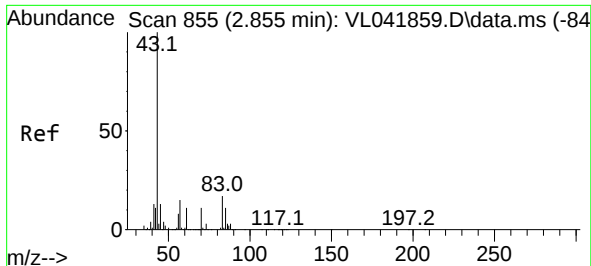
Tgt Ion: 43	Resp: 1109
Ion Ratio	Lower Upper
43 100	
86 5.4	7.8 11.6#
42 14.8	7.0 10.4#
44 68.0	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.118 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.010 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Tgt Ion: 63	Resp: 1905
Ion Ratio	Lower Upper
63 100	
98 0.0	2.3 6.9#
100 0.0	1.3 3.8#

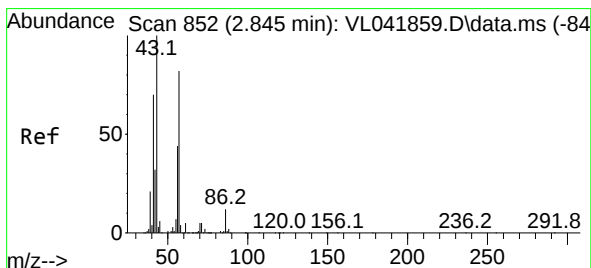
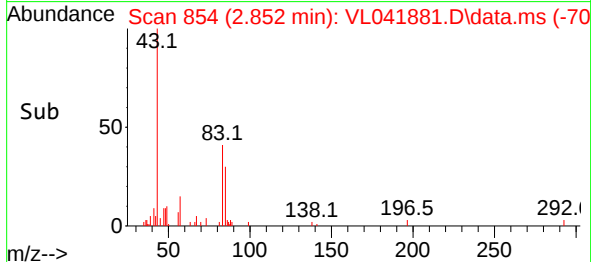
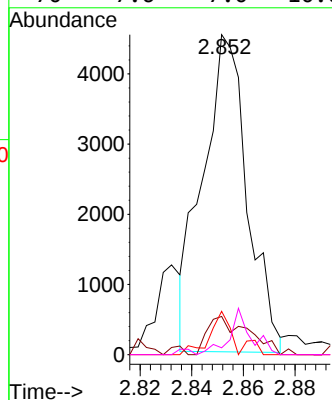
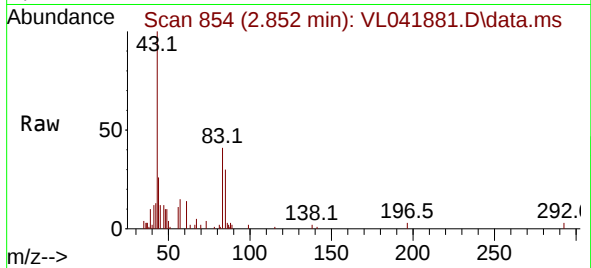




#25
Ethyl Acetate
Concen: 0.109 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

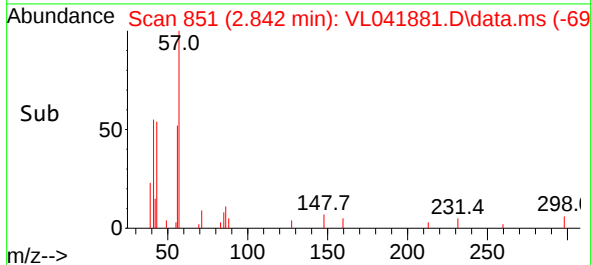
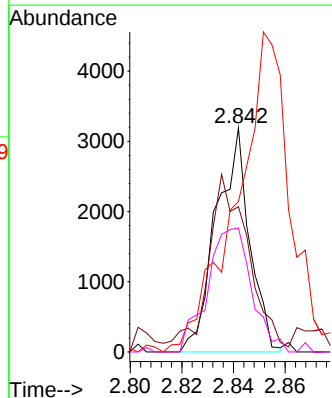
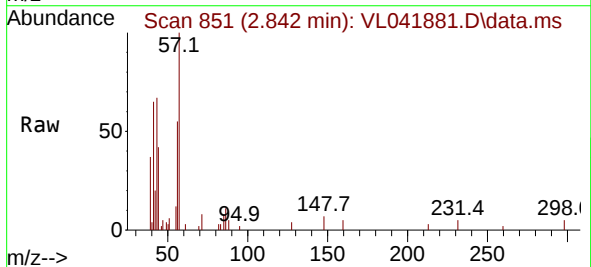
Instrument :
MSVOA_L
ClientSampleId :

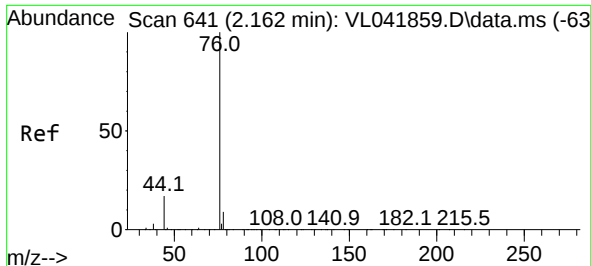
Tgt Ion: 43	Resp: 5430
Ion Ratio	Lower Upper
43 100	
45 11.8	8.4 12.6
61 7.5	7.3 10.9
70 7.6	7.0 10.6



#26
Hexane
Concen: 0.139 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 57	Resp: 2863
Ion Ratio	Lower Upper
57 100	
41 112.1	71.5 107.3#
43 233.8	200.2 300.4
56 74.4	42.2 63.4#

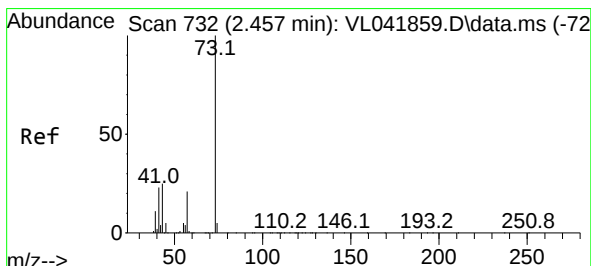
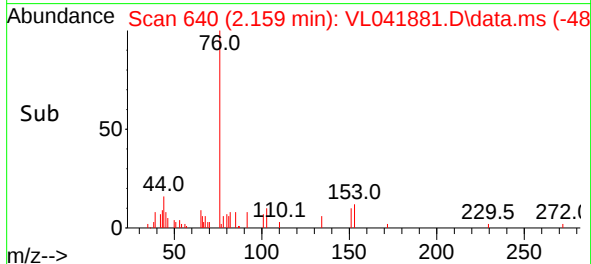
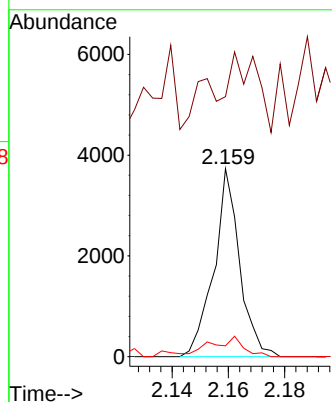
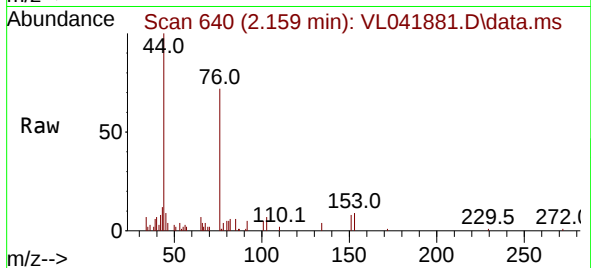




#27
Carbon Disulfide
Concen: 0.120 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

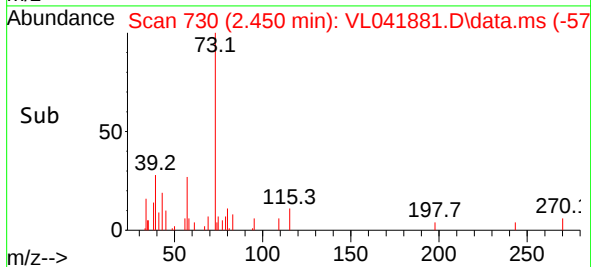
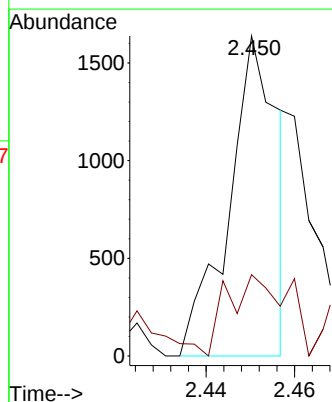
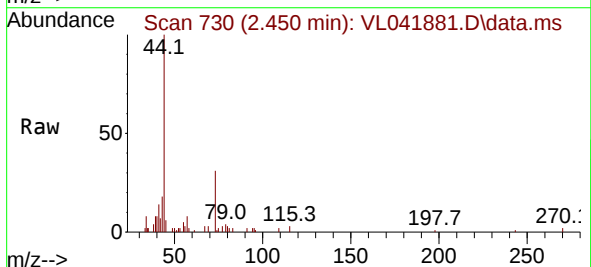
Instrument :
MSVOA_L
ClientSampleId :

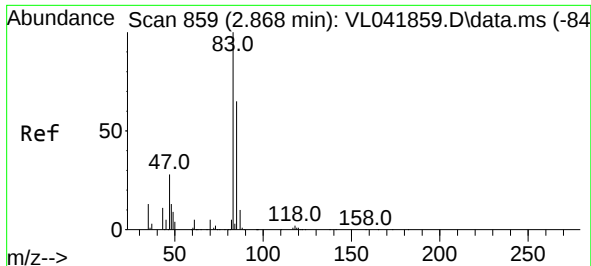
Tgt Ion: 76 Resp: 2369
Ion Ratio Lower Upper
76 100
44 387.8 13.1 19.7#
78 13.1 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 0.080 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 73 Resp: 1252
Ion Ratio Lower Upper
73 100
57 59.3 17.5 26.3#





#29

Chloroform

Concen: 0.006 ppbv

RT: 2.424 min Scan# 71

Delta R.T. -0.444 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

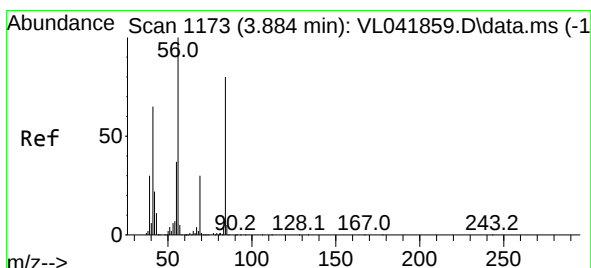
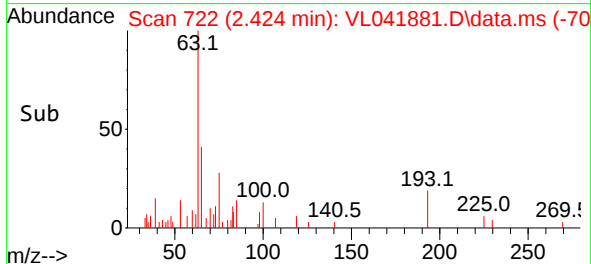
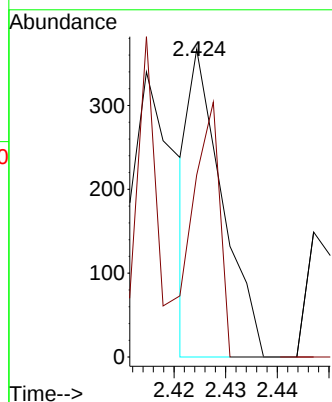
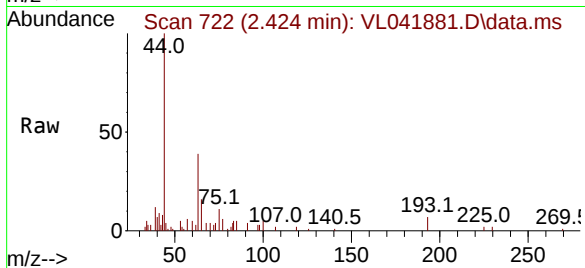
ClientSampleId :

Tgt Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

85 59.1 51.7 77.5



#30

Cyclohexane

Concen: 0.081 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

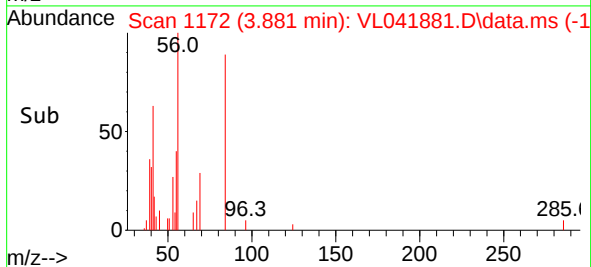
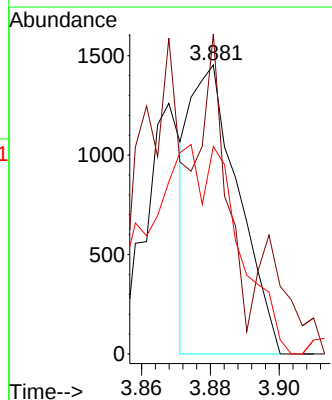
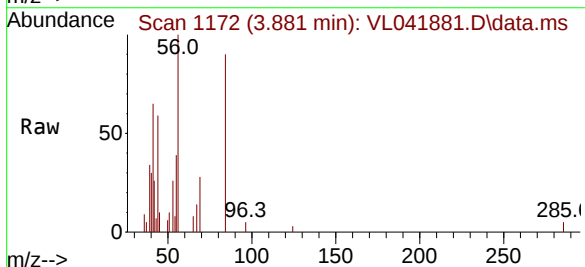
Tgt Ion: 84 Resp: 1425

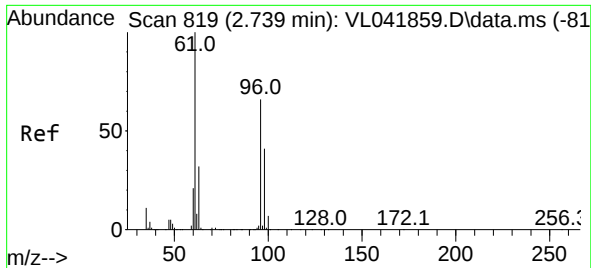
Ion Ratio Lower Upper

84 100

56 185.5 100.7 151.1#

41 154.0 62.8 94.2#

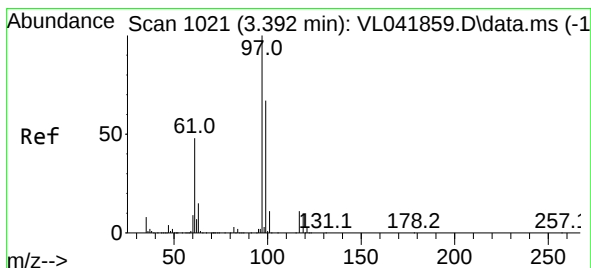
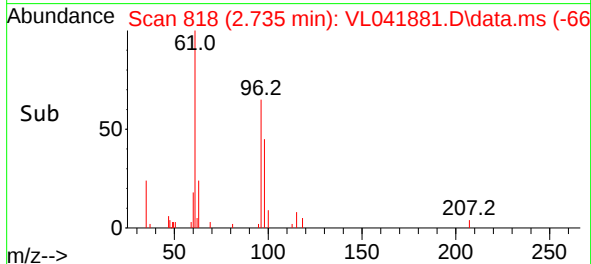
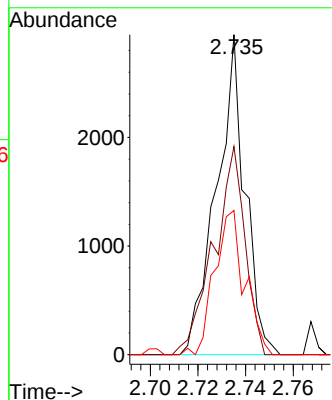
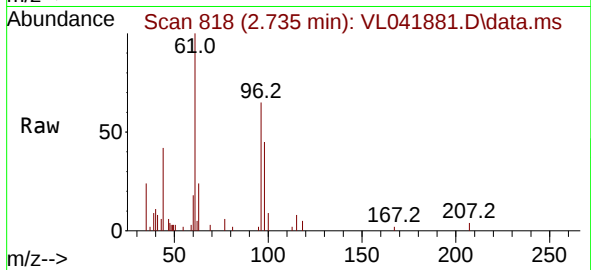




#31
 cis-1,2-Dichloroethene
 Concen: 0.123 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

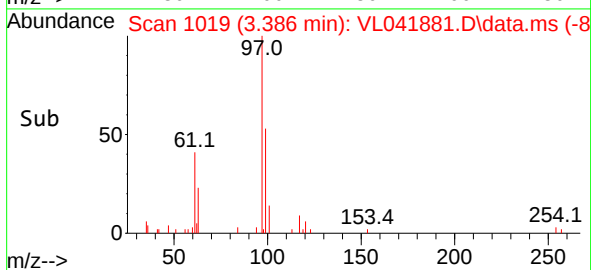
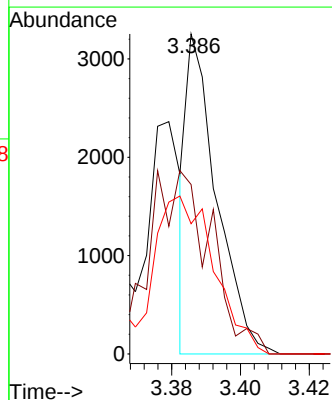
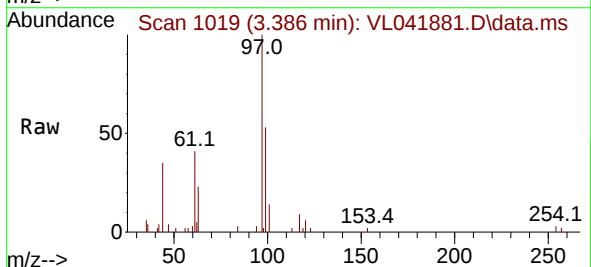
Instrument :
 MSVOA_L
 ClientSampleId :

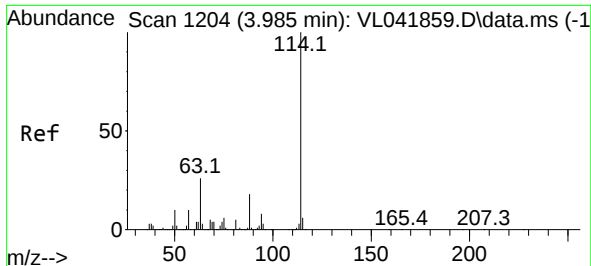
Tgt Ion: 61 Resp: 2461
 Ion Ratio Lower Upper
 61 100
 96 65.0 53.2 79.8
 98 45.1 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.069 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.007 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Tgt Ion: 97 Resp: 1980
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 0.0 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

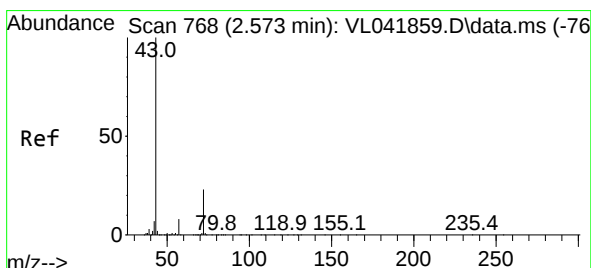
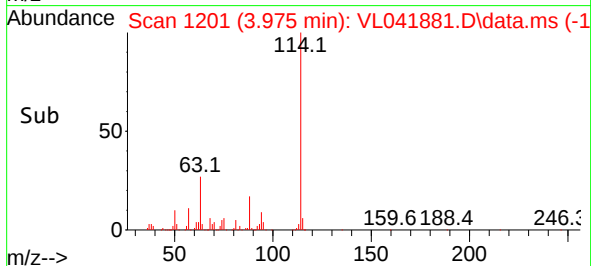
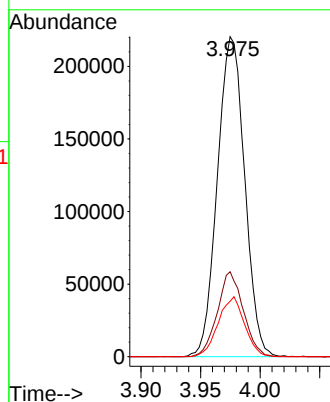
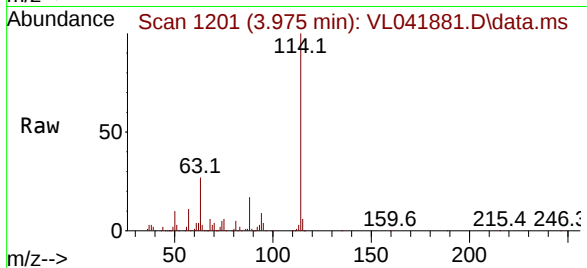
Tgt Ion:114 Resp: 350799

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 0.150 ppbv

RT: 2.576 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041881.D

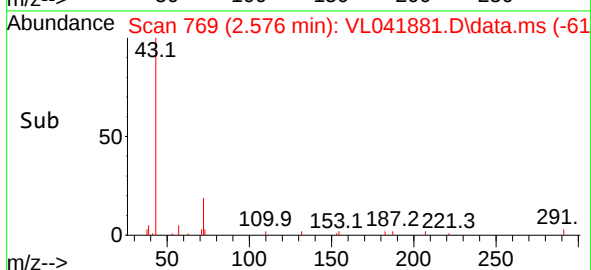
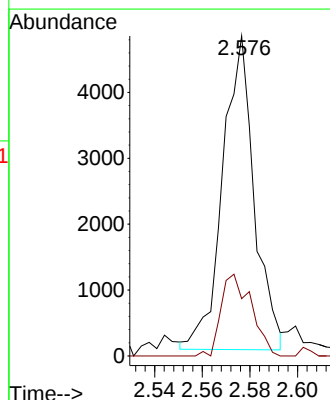
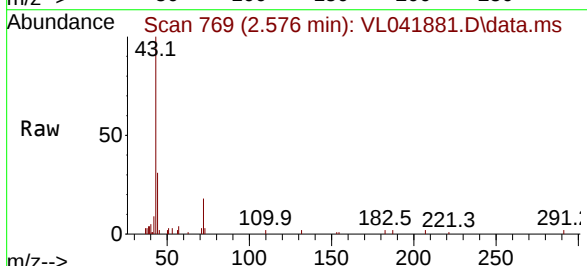
Acq: 09 Jan 2025 23:17

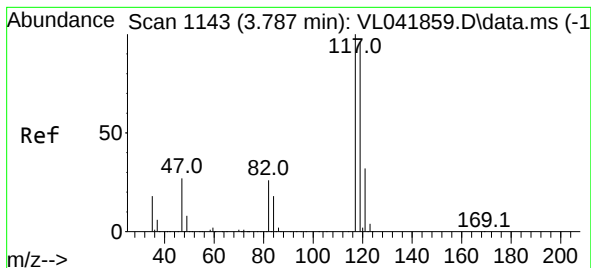
Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

72 25.9 18.5 27.7





#35

Carbon Tetrachloride

Concen: 0.122 ppbv

RT: 3.777 min Scan# 1140

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

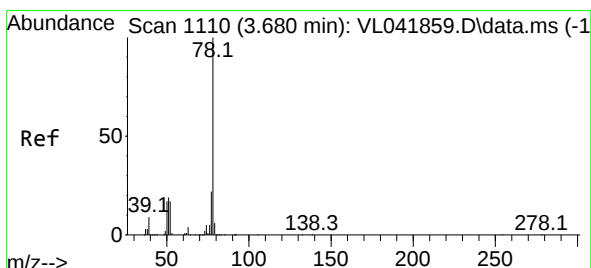
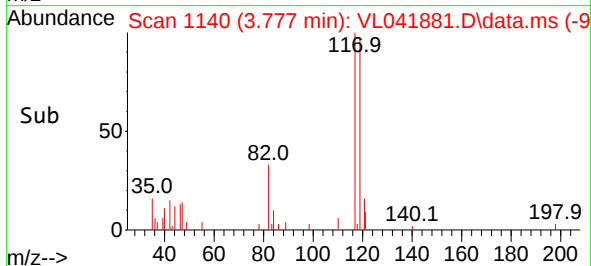
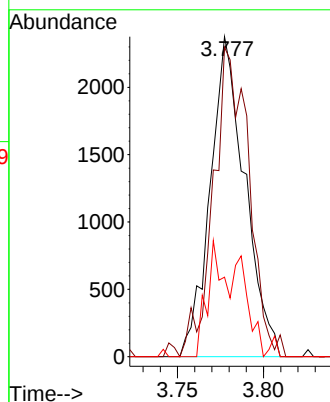
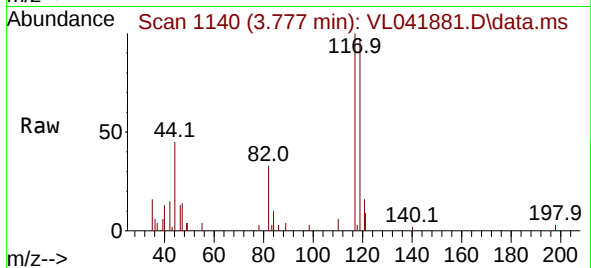
Tgt Ion:117 Resp: 3324

Ion Ratio Lower Upper

117 100

119 96.7 76.9 115.3

121 24.9 25.9 38.9#



#36

Benzene

Concen: 0.140 ppbv

RT: 3.674 min Scan# 1108

Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

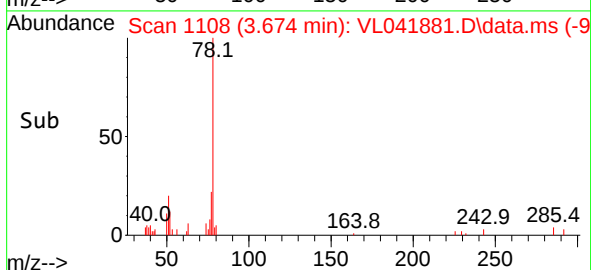
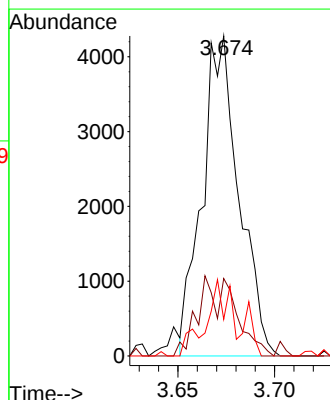
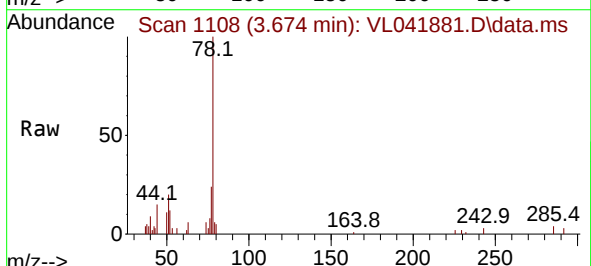
Tgt Ion: 78 Resp: 5678

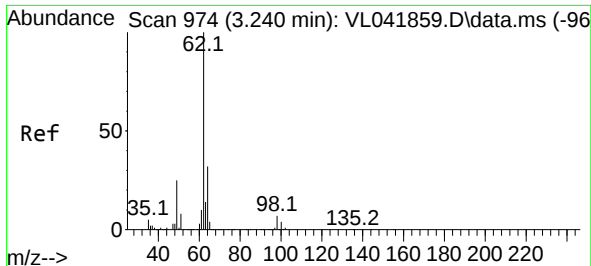
Ion Ratio Lower Upper

78 100

77 19.8 17.9 26.9

50 11.5 13.7 20.5#

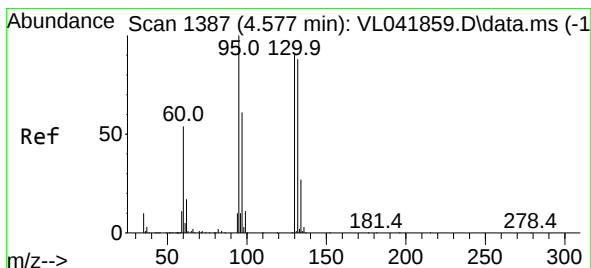
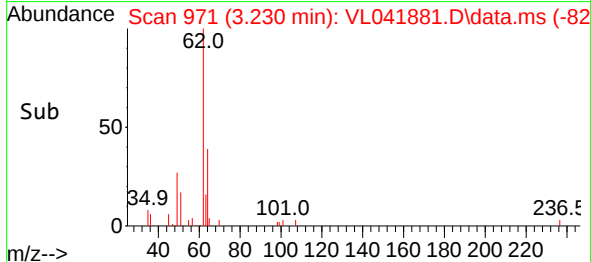
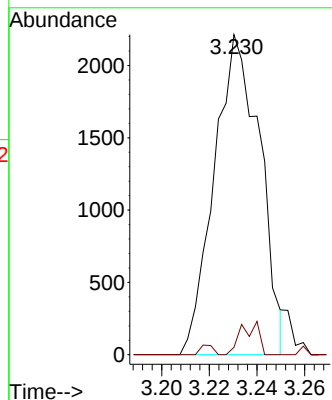
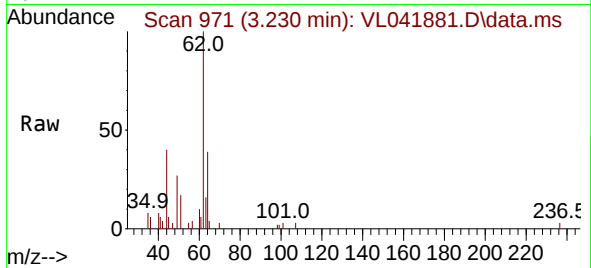




#37
1,2-Dichloroethane
Concen: 0.138 ppbv
RT: 3.230 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

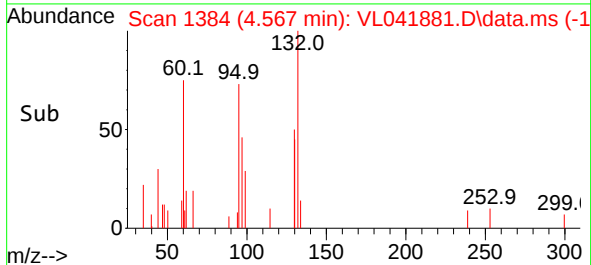
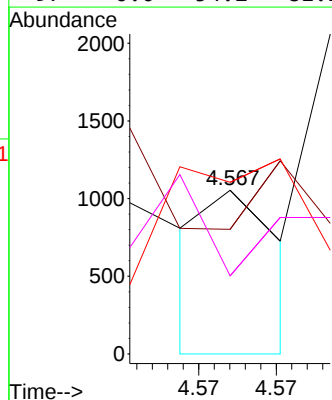
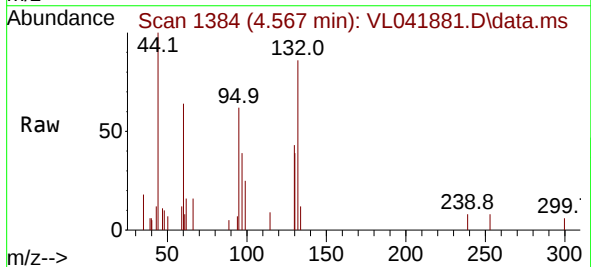
Instrument :
MSVOA_L
ClientSampleId :

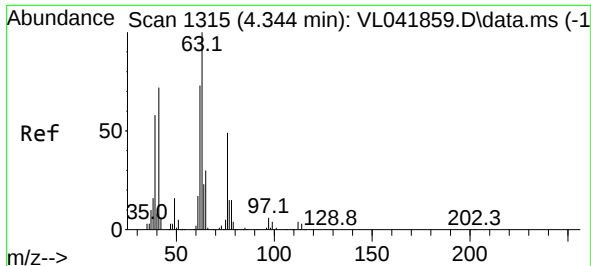
Tgt Ion: 62 Resp: 2946
Ion Ratio Lower Upper
62 100
98 4.9 5.6 8.4#



#38
Trichloroethene
Concen: 0.021 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:130 Resp: 345
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: 6.108 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.369 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

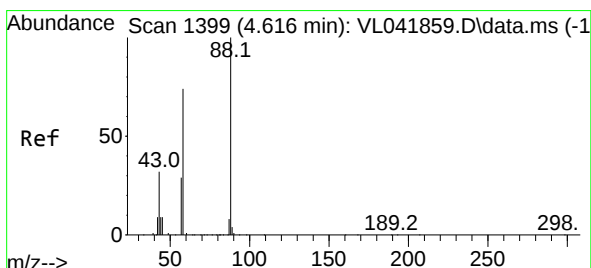
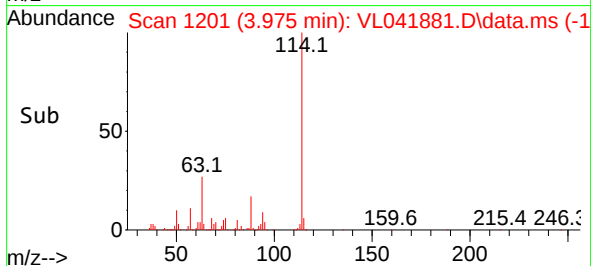
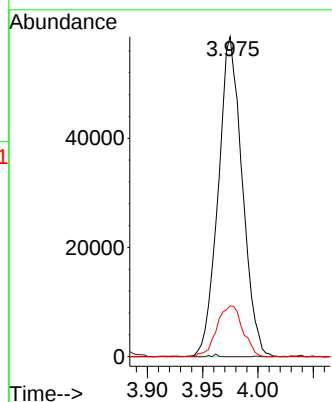
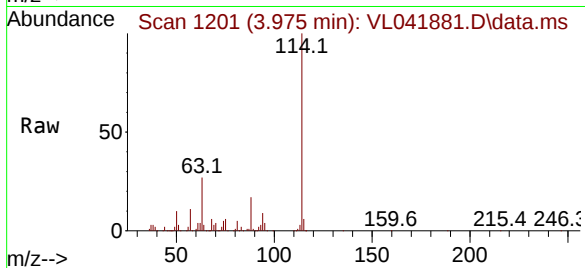
Tgt Ion: 63 Resp: 88433

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 15.9 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.039 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion: 88 Resp: 10

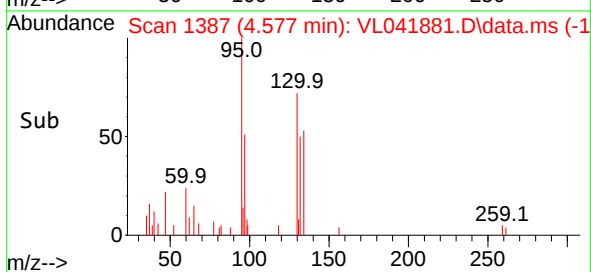
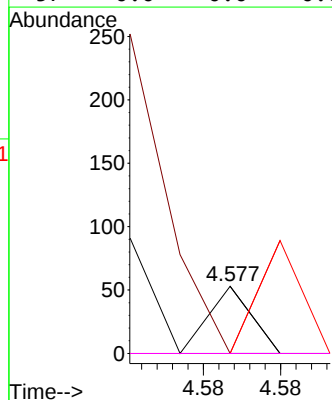
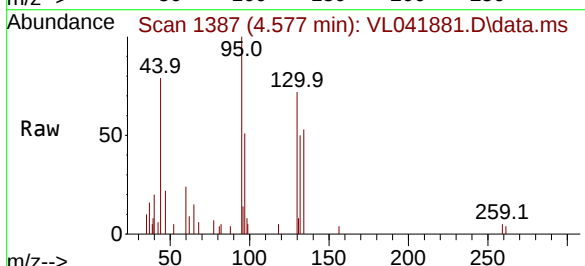
Ion Ratio Lower Upper

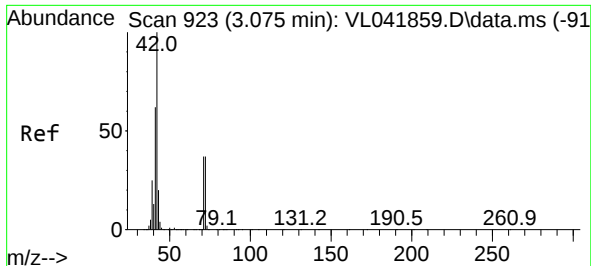
88 100

58 0.0 52.2 78.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

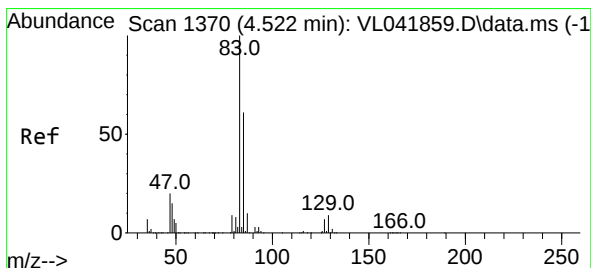
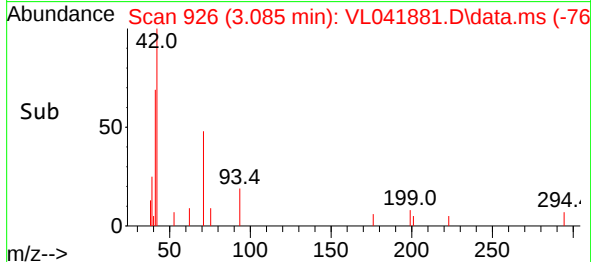
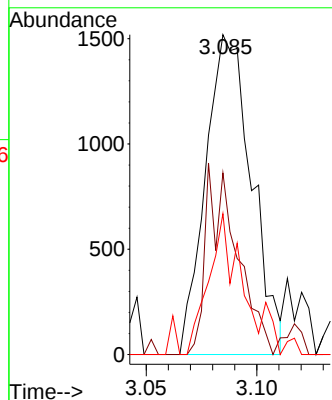
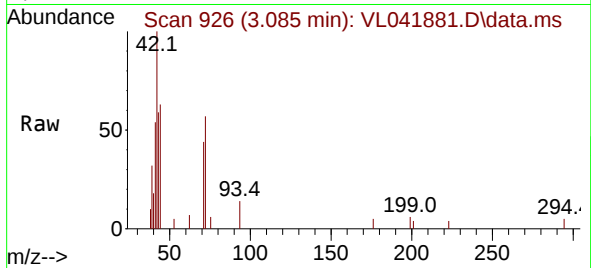




#41
Tetrahydrofuran
Concen: 0.129 ppbv
RT: 3.085 min Scan# 91
Delta R.T. 0.009 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

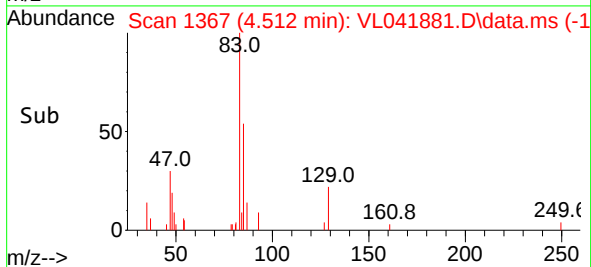
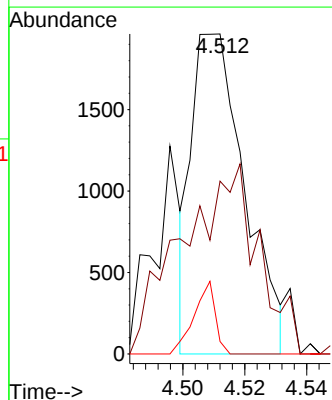
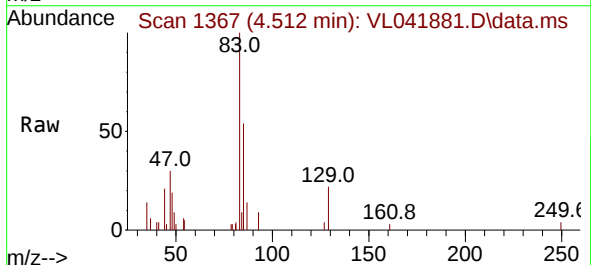
Instrument :
MSVOA_L
ClientSampleId :

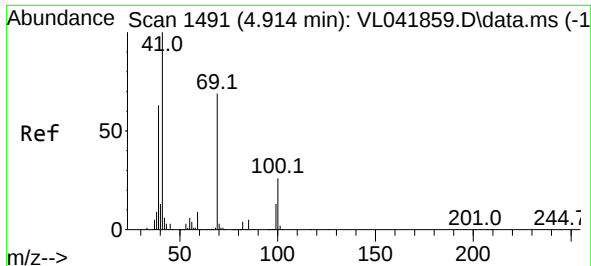
Tgt Ion: 42 Resp: 2202
Ion Ratio Lower Upper
42 100
72 43.4 30.8 46.2
71 35.9 30.1 45.1



#42
Bromodichloromethane
Concen: 0.080 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 83 Resp: 2345
Ion Ratio Lower Upper
83 100
85 48.5 48.9 73.3#
127 4.6 5.4 8.2#

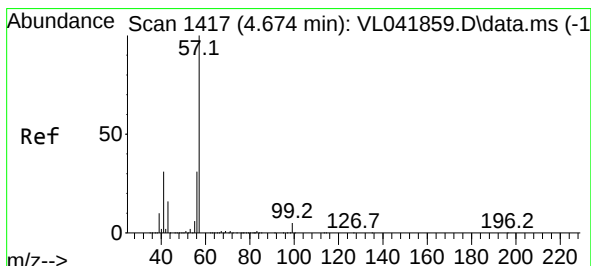
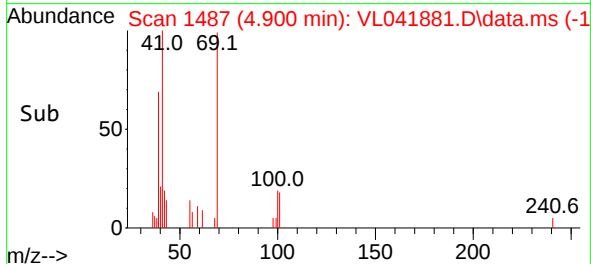
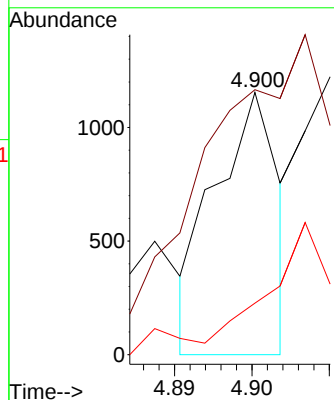
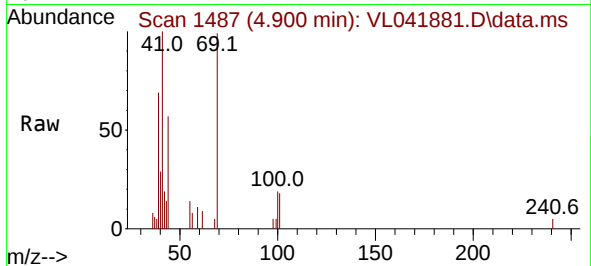




#43
Methyl Methacrylate
Concen: 0.040 ppbv
RT: 4.900 min Scan# 1491
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

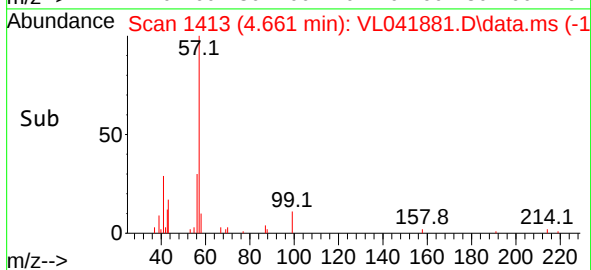
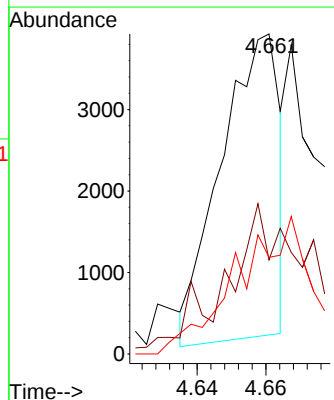
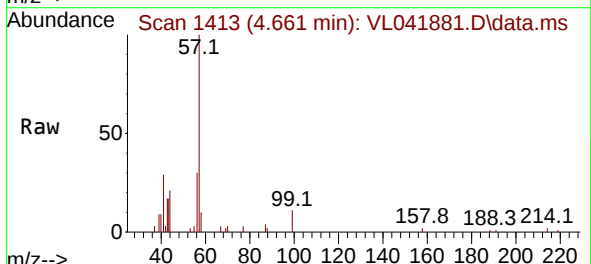
Instrument :
MSVOA_L
ClientSampleId :

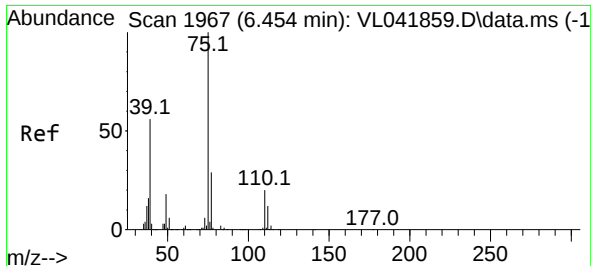
Tgt Ion: 69 Resp: 663
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.064 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 57 Resp: 4408
Ion Ratio Lower Upper
57 100
41 78.2 25.5 38.3#
56 0.0 25.6 38.4#

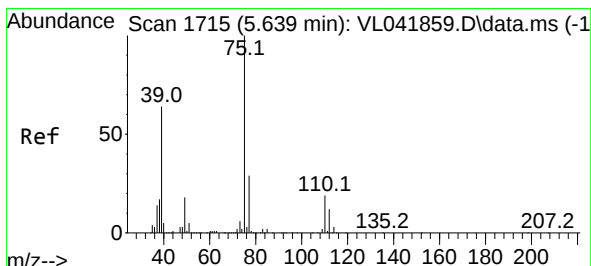
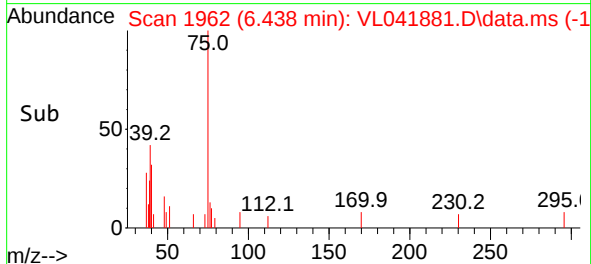
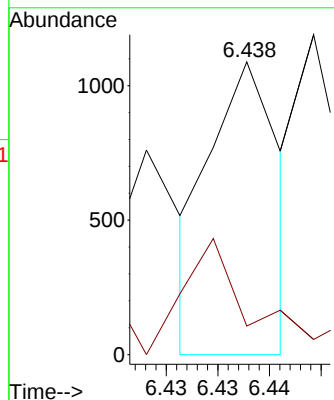
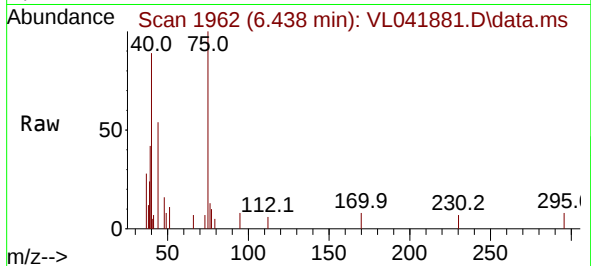




#45
t-1,3-Dichloropropene
Concen: 0.030 ppbv
RT: 6.438 min Scan# 1967
Delta R.T. -0.016 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

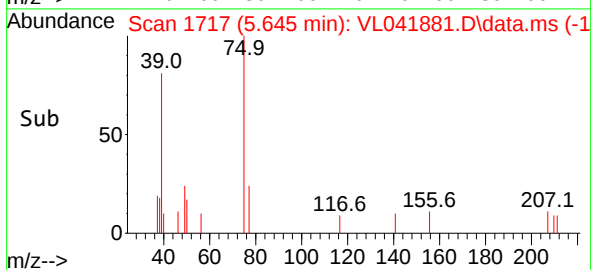
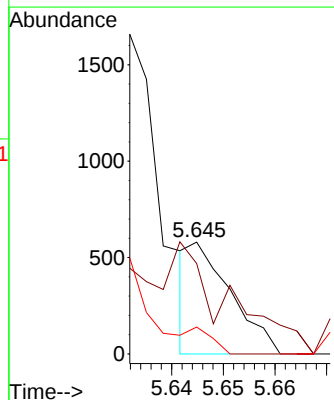
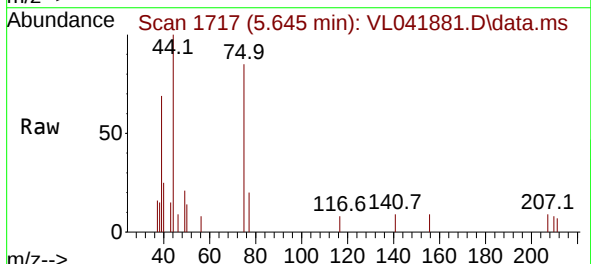
Instrument :
MSVOA_L
ClientSampleId :

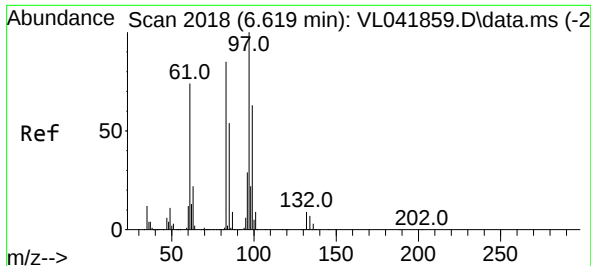
Tgt Ion: 75 Resp: 509
Ion Ratio Lower Upper
75 100
77 9.7 23.4 35.2#



#46
cis-1,3-Dichloropropene
Concen: 0.015 ppbv
RT: 5.645 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
39 55.2 51.4 77.2
77 24.0 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 0.063 ppbv

RT: 6.600 min Scan# 2018

Delta R.T. -0.020 min

Lab File: VL041881.D

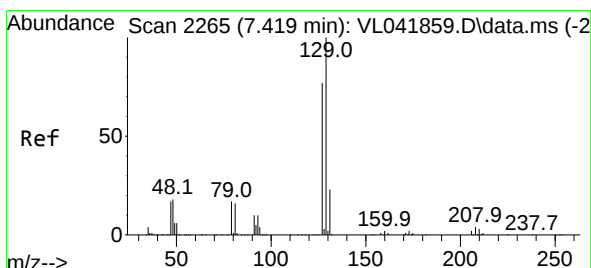
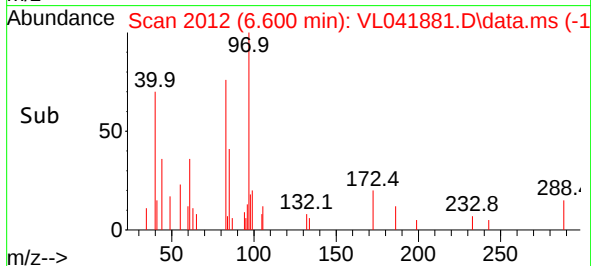
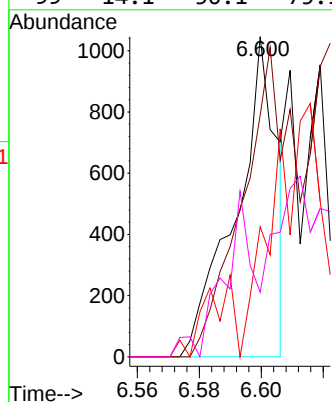
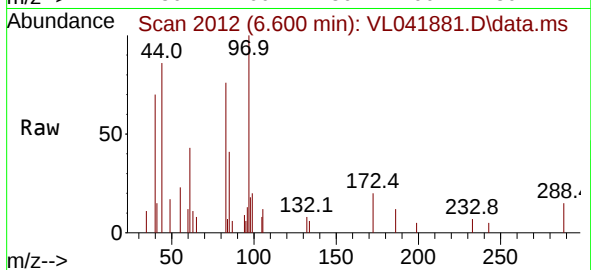
Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97	Resp: 952
Ion Ratio	Lower Upper
97 100	
83 75.5	68.1 102.1
85 35.5	43.4 65.2#
99 14.1	50.1 75.1#



#48

Dibromochloromethane

Concen: 0.034 ppbv

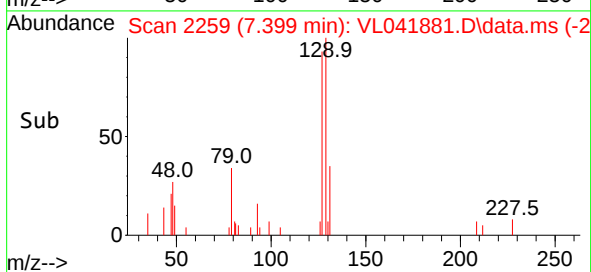
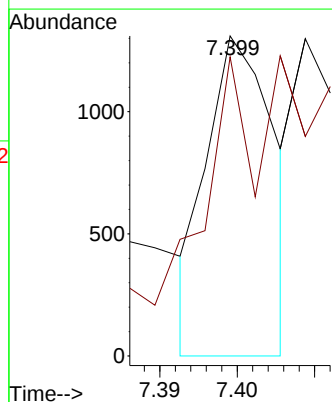
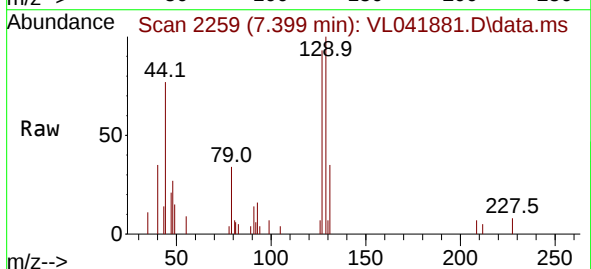
RT: 7.399 min Scan# 2259

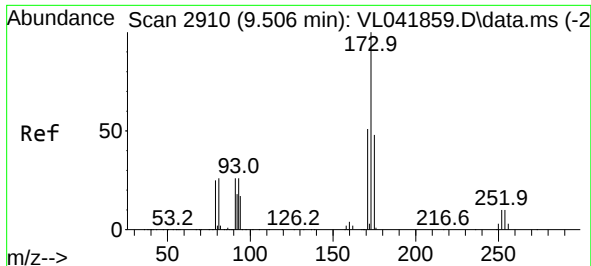
Delta R.T. -0.020 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:129	Resp:	792	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.4	118.1#





#49

Bromoform

Concen: 0.032 ppbv

RT: 9.490 min Scan# 2910

Delta R.T. -0.016 min

Lab File: VL041881.D

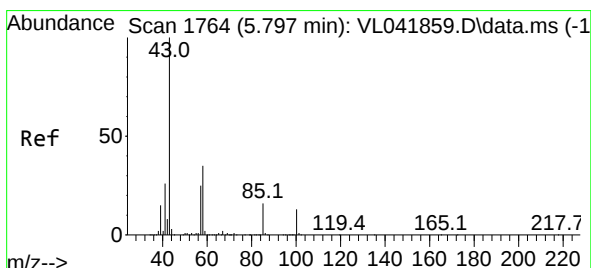
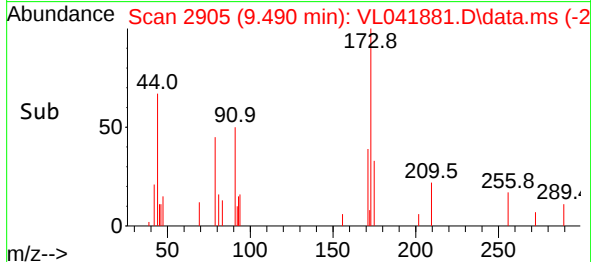
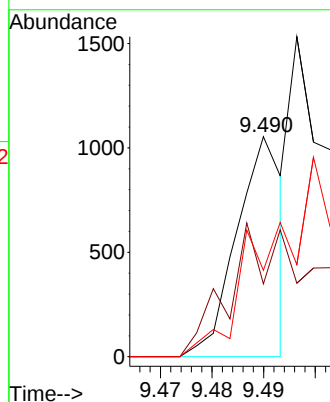
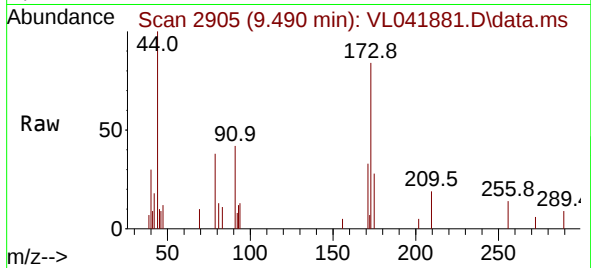
Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	173	Resp:	649
Ion	Ratio	Lower	Upper
173	100		
175	121.6	38.2	57.2#
171	5.5	41.3	61.9#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

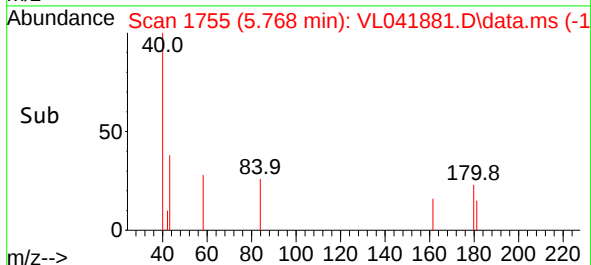
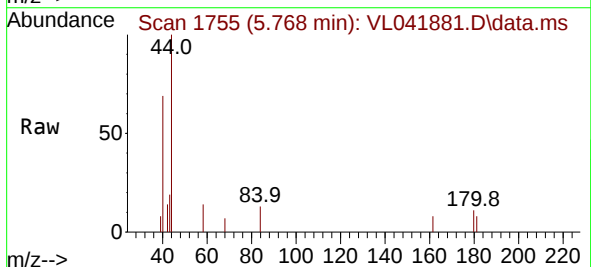
RT: 5.768 min Scan# 1755

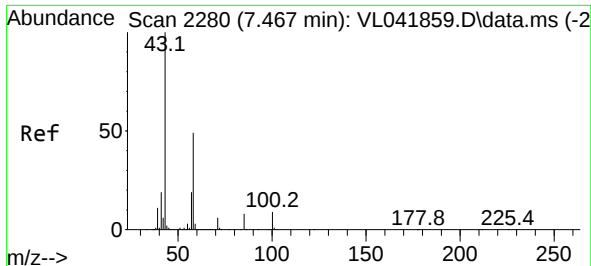
Delta R.T. -0.029 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:	43	Resp:	98
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#

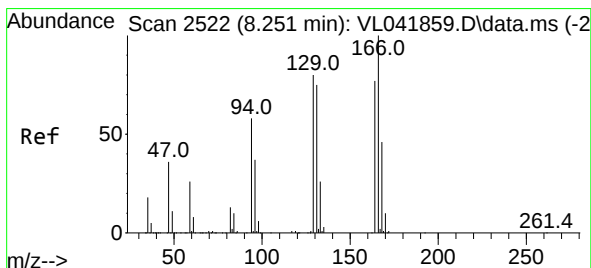
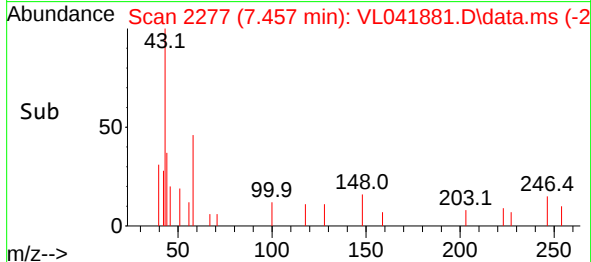
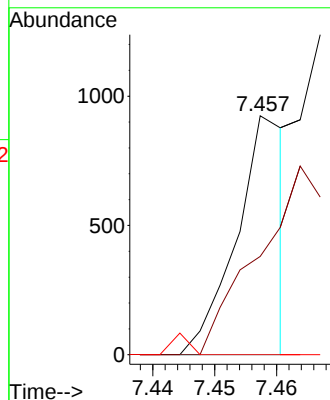
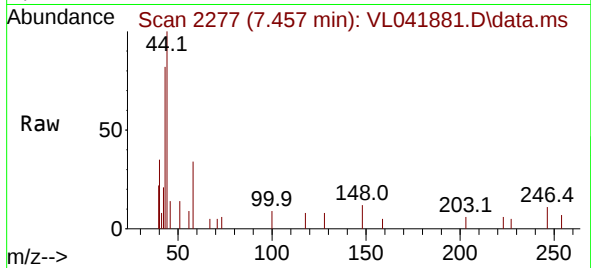




#51
2-Hexanone
Concen: 0.015 ppbv
RT: 7.457 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

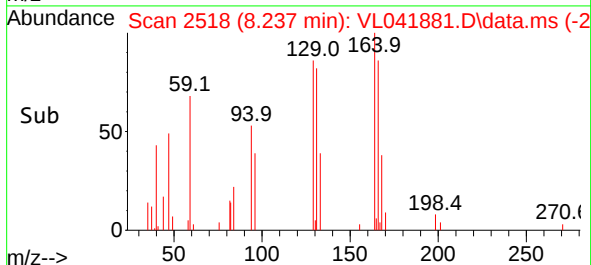
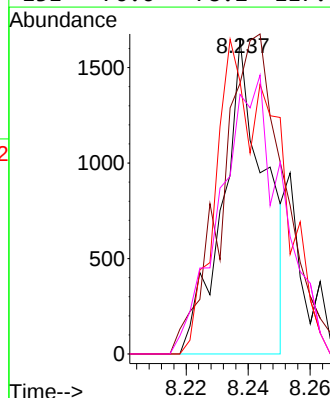
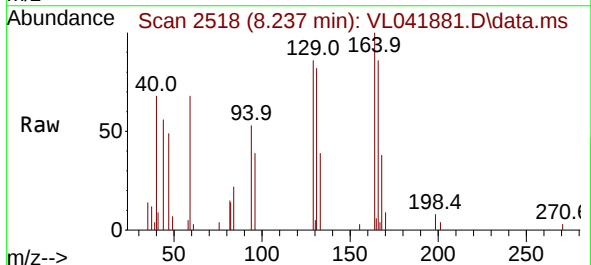
Instrument :
MSVOA_L
ClientSampleId :

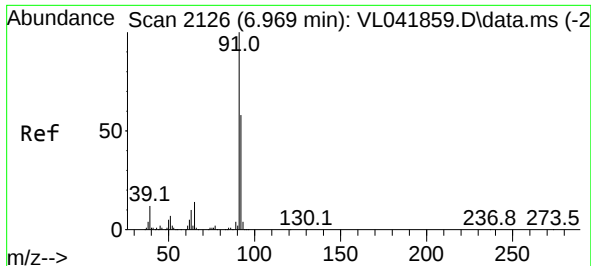
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 3.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.100 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 164 Resp: 1564
Ion Ratio Lower Upper
164 100
166 78.0 103.6 155.4#
129 86.4 82.6 123.8
131 76.6 78.2 117.4#

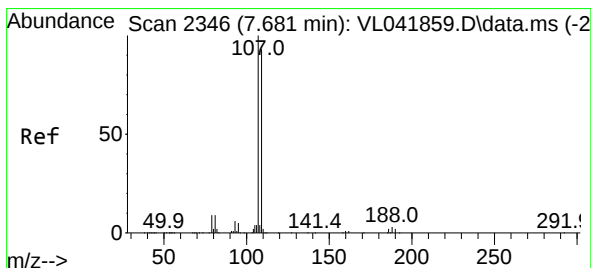
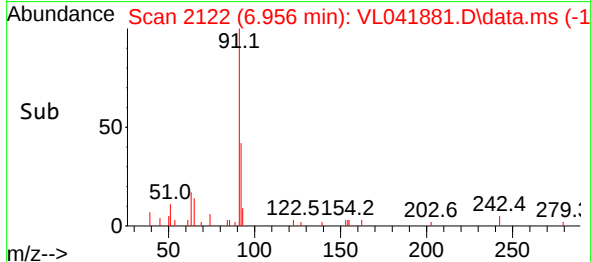
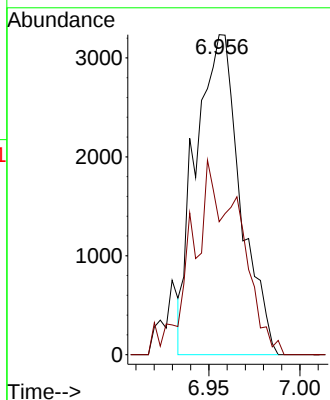
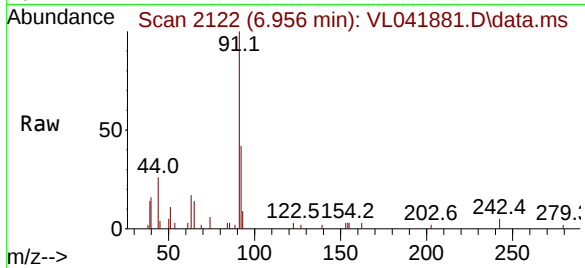




#53
Toluene
Concen: 0.114 ppbv
RT: 6.956 min Scan# 2126
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

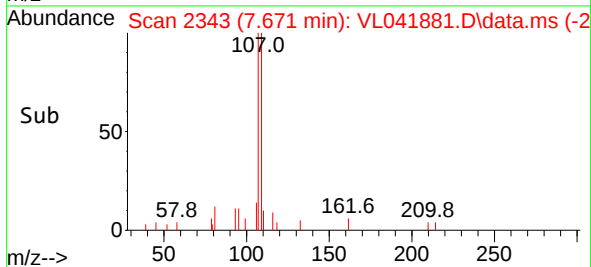
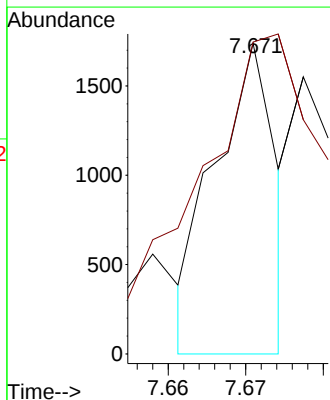
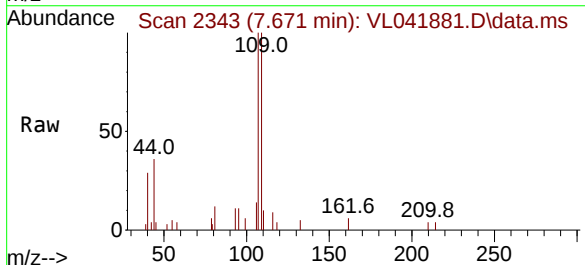
Instrument :
MSVOA_L
ClientSampleId :

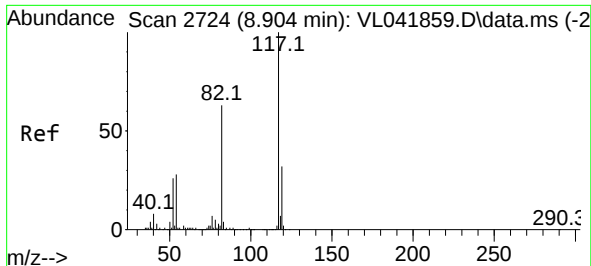
Tgt Ion: 91 Resp: 5496
Ion Ratio Lower Upper
91 100
92 65.5 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.046 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 107 Resp: 953
Ion Ratio Lower Upper
107 100
109 76.9 74.6 112.0

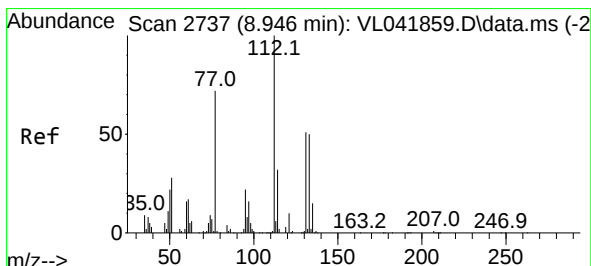
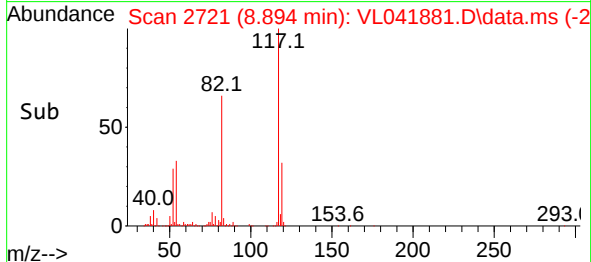
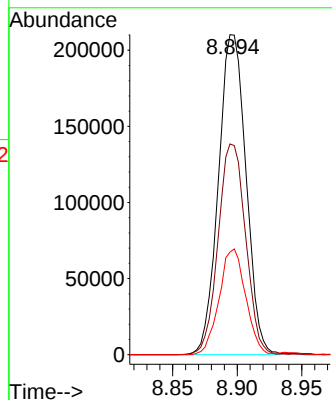
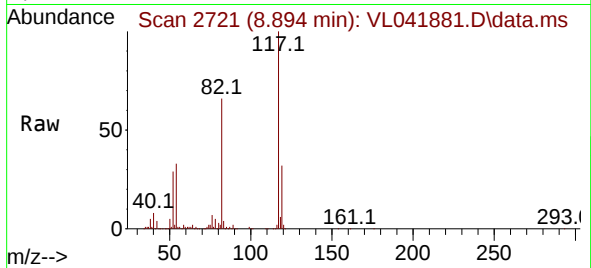




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2724
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

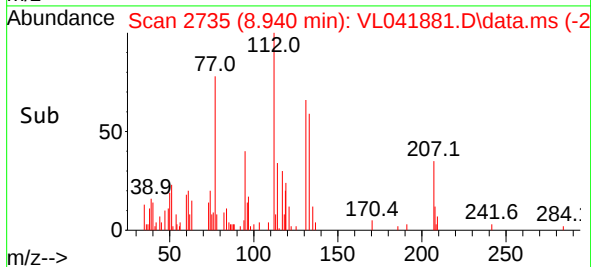
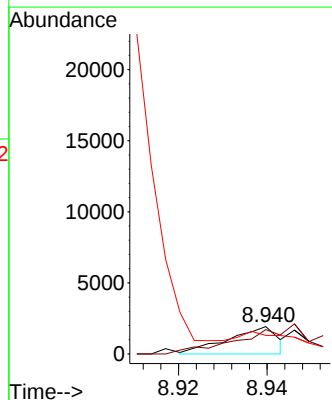
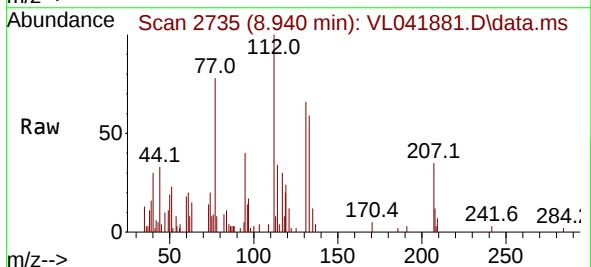
Instrument :
MSVOA_L
ClientSampleId :

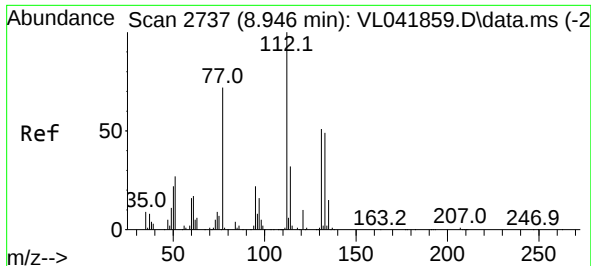
Tgt Ion:117 Resp: 312465
Ion Ratio Lower Upper
117 100
82 65.6 54.5 81.7
119 32.4 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.081 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:131 Resp: 1500
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#

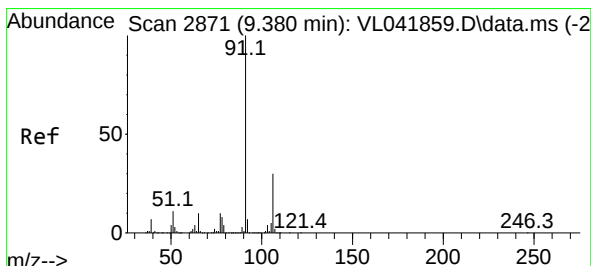
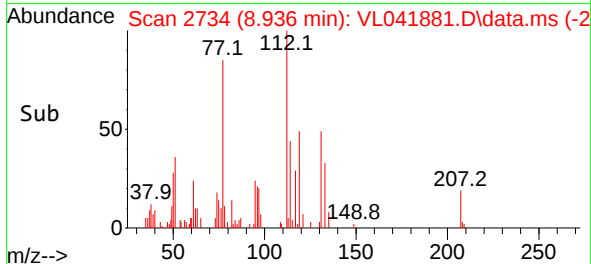
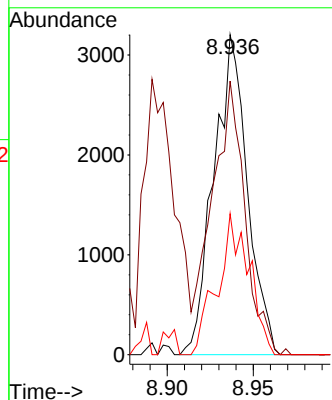
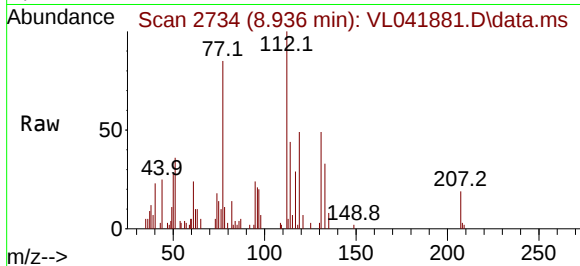




#57
Chlorobenzene
Concen: 0.125 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

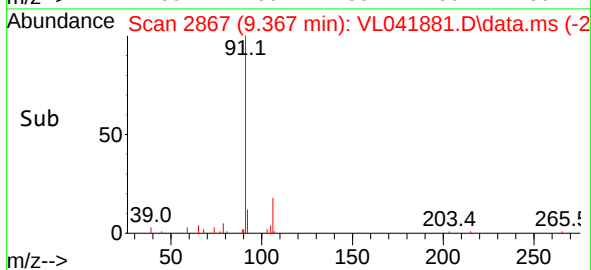
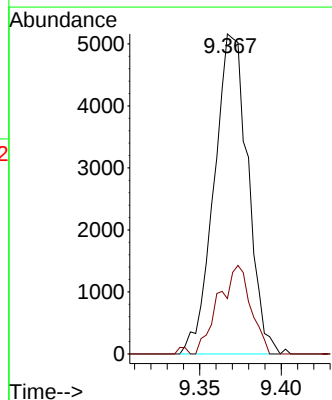
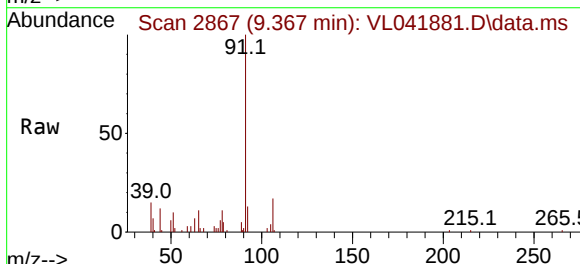
Instrument :
MSVOA_L
ClientSampleId :

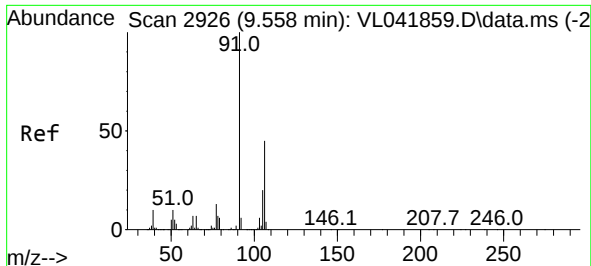
Tgt Ion:112 Resp: 4354
Ion Ratio Lower Upper
112 100
77 81.1 58.3 87.5
114 41.8 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.115 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 91 Resp: 7412
Ion Ratio Lower Upper
91 100
106 18.5 24.2 36.2#





#59

m/p-Xylene

Concen: 0.127 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

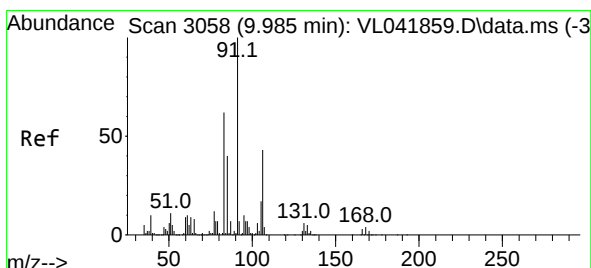
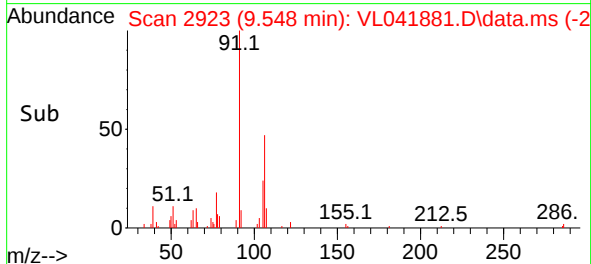
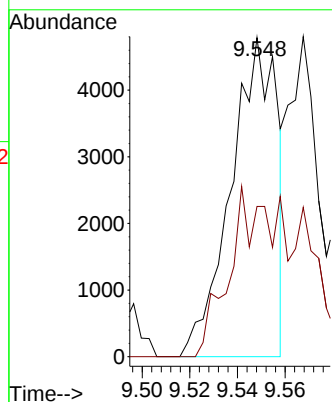
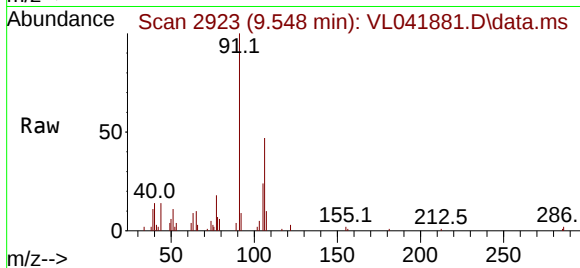
ClientSampleId :

Tgt Ion: 91 Resp: 6431

Ion Ratio Lower Upper

91 100

106 81.7 0.0 0.0#



#60

o-Xylene

Concen: 0.051 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.013 min

Lab File: VL041881.D

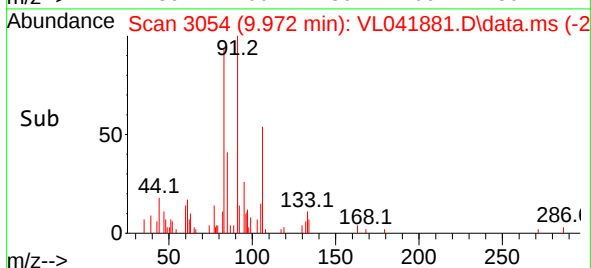
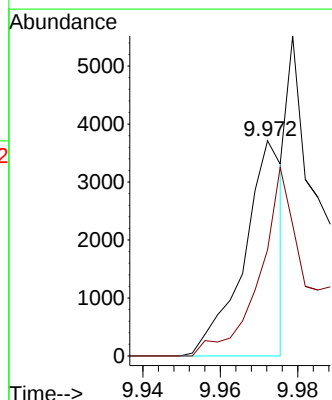
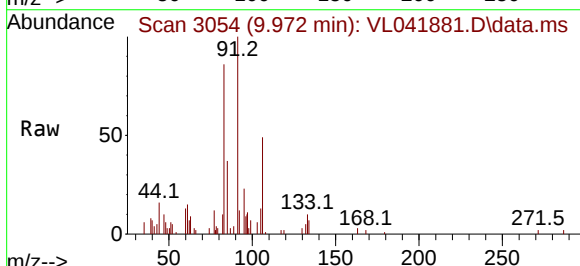
Acq: 09 Jan 2025 23:17

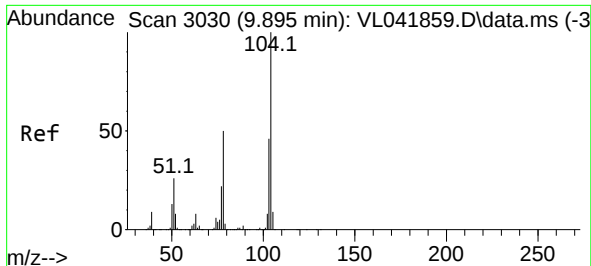
Tgt Ion: 91 Resp: 2598

Ion Ratio Lower Upper

91 100

106 106.2 21.4 64.3#

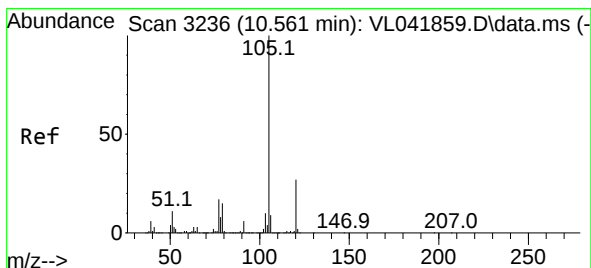
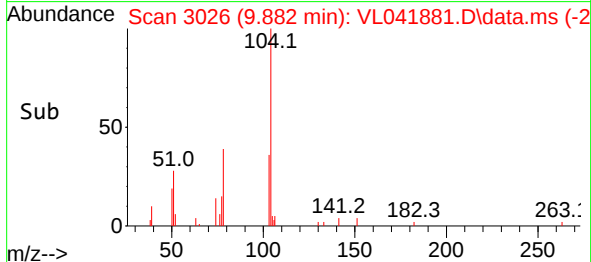
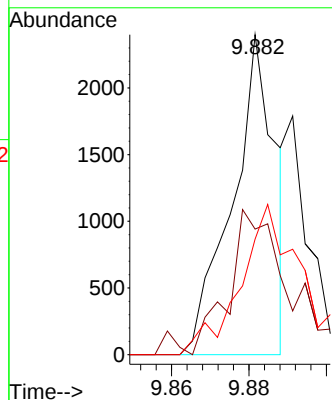
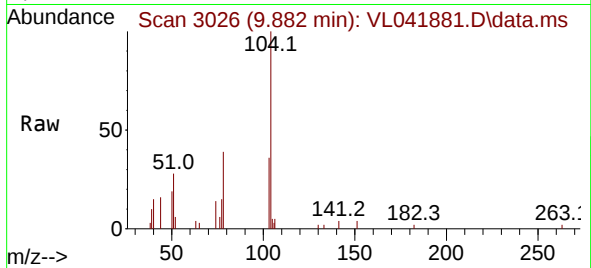




#61
Styrene
Concen: 0.073 ppbv
RT: 9.882 min Scan# 3030
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

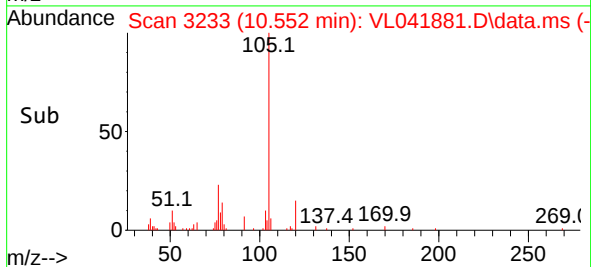
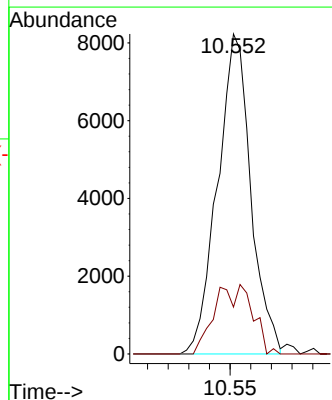
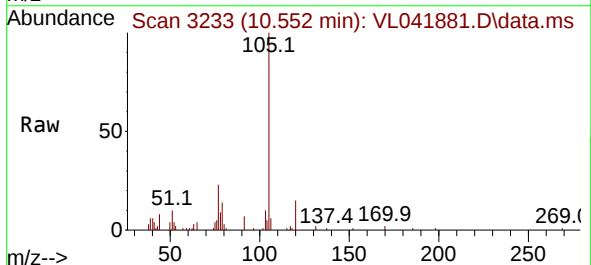
Instrument :
MSVOA_L
ClientSampleId :

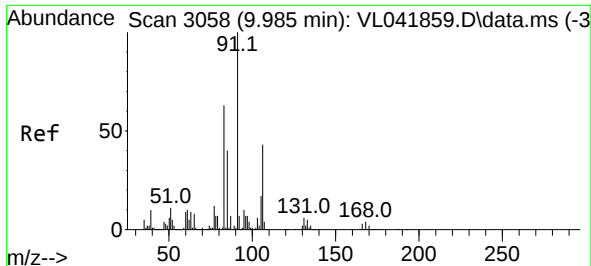
Tgt Ion:104 Resp: 1848
Ion Ratio Lower Upper
104 100
78 66.0 40.7 61.1#
103 66.0 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.121 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:105 Resp: 9208
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.060 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.013 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

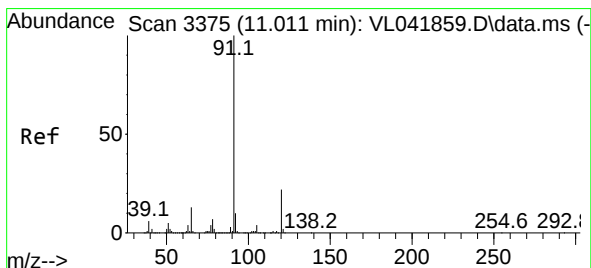
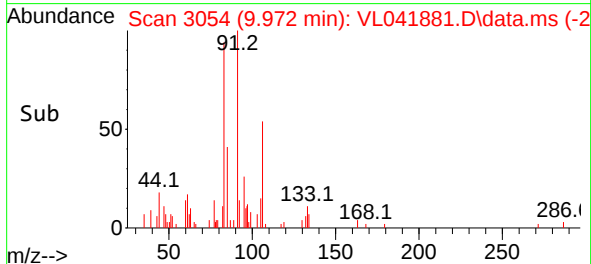
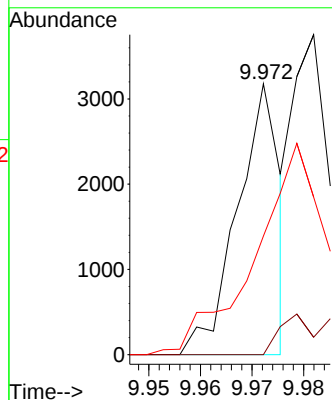
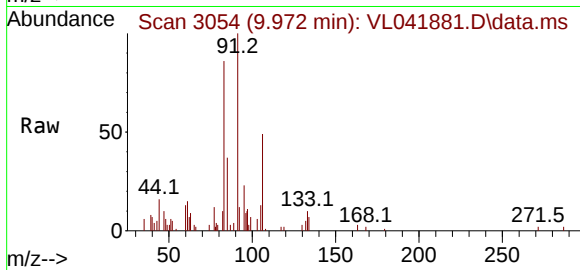
Tgt Ion: 83 Resp: 1829

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.1 96.3#



#64

n-propylbenzene

Concen: 0.100 ppbv

RT: 11.005 min Scan# 3373

Delta R.T. -0.007 min

Lab File: VL041881.D

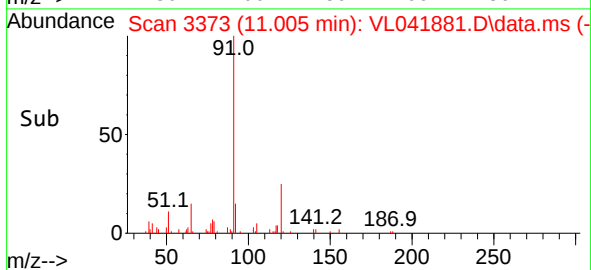
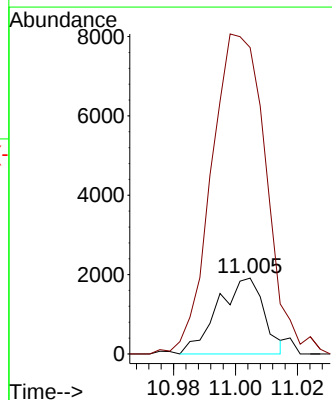
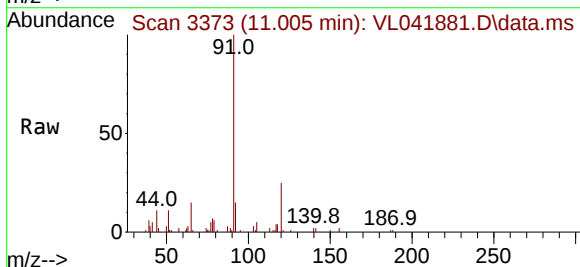
Acq: 09 Jan 2025 23:17

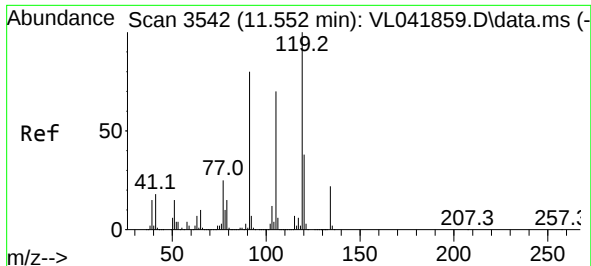
Tgt Ion: 120 Resp: 1986

Ion Ratio Lower Upper

120 100

91 497.6 376.9 565.3

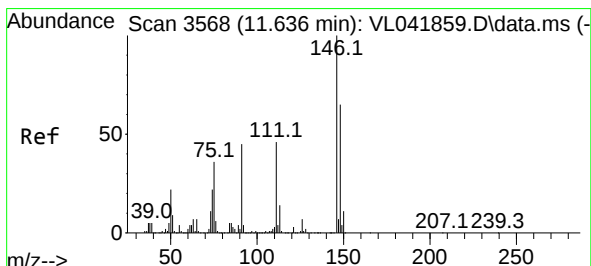
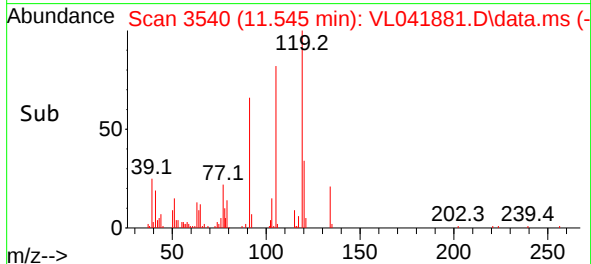
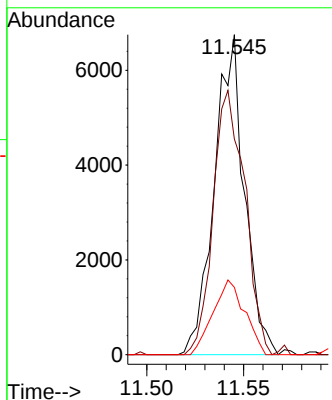
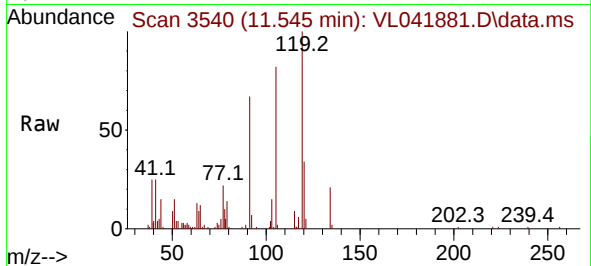




#65
tert-Butylbenzene
Concen: 0.105 ppbv
RT: 11.545 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

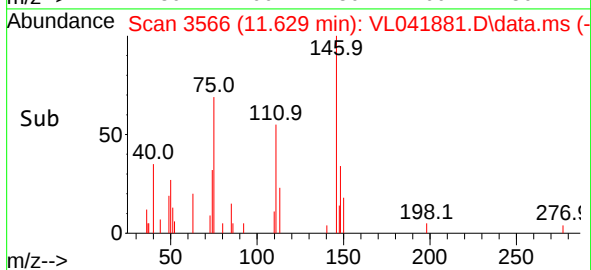
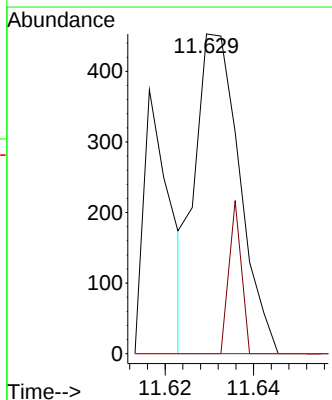
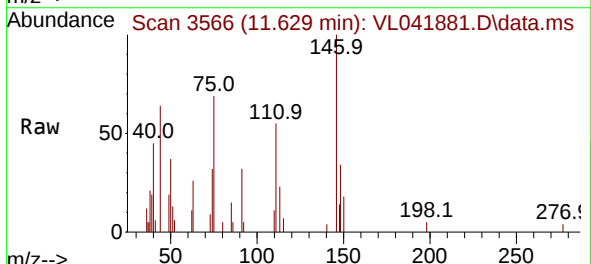
Instrument :
MSVOA_L
ClientSampleId :

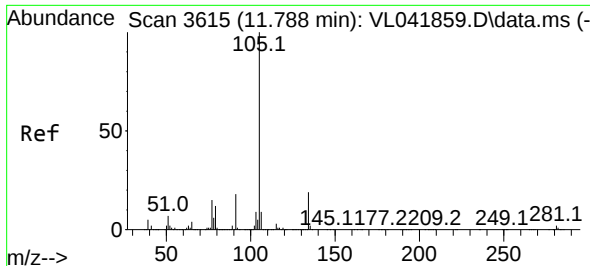
Tgt Ion:119 Resp: 7266
Ion Ratio Lower Upper
119 100
91 88.4 64.6 97.0
134 24.7 16.9 25.3



#66
Benzyl Chloride
Concen: 0.044 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 91 Resp: 313
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

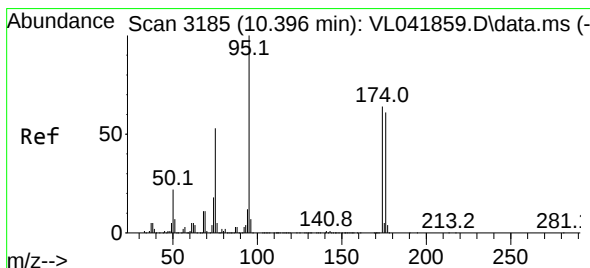
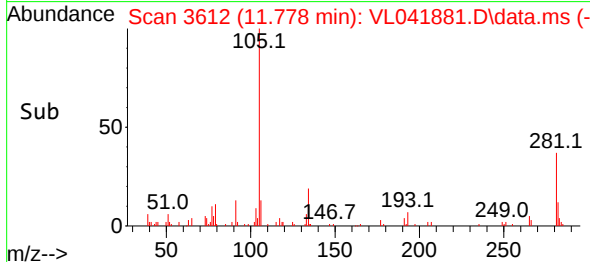
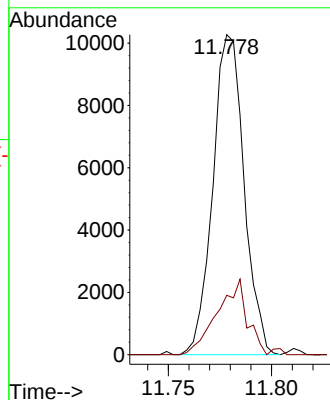
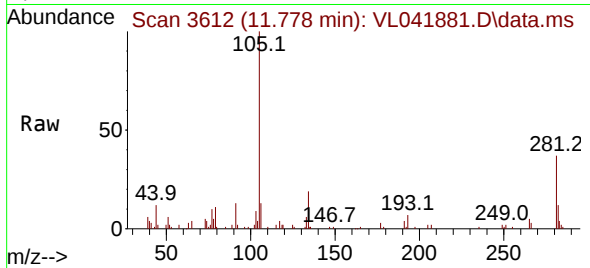




#67
 sec-Butylbenzene
 Concen: 0.114 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.010 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

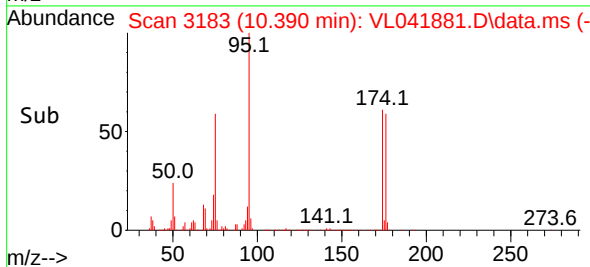
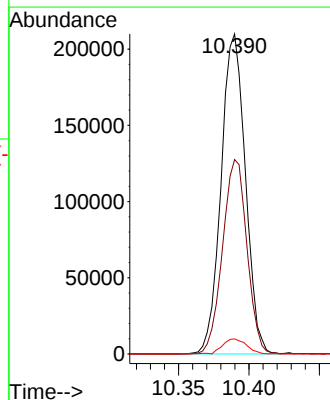
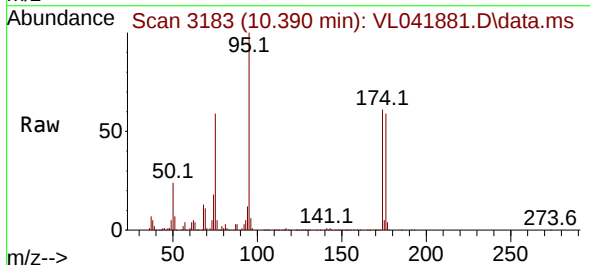
Instrument :
 MSVOA_L
 ClientSampleId :

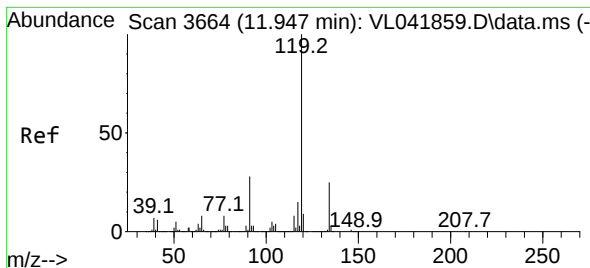
Tgt Ion:105 Resp: 10817
 Ion Ratio Lower Upper
 105 100
 134 23.2 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Tgt Ion: 95 Resp: 252030
 Ion Ratio Lower Upper
 95 100
 174 61.1 51.1 76.7
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.100 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. -0.013 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

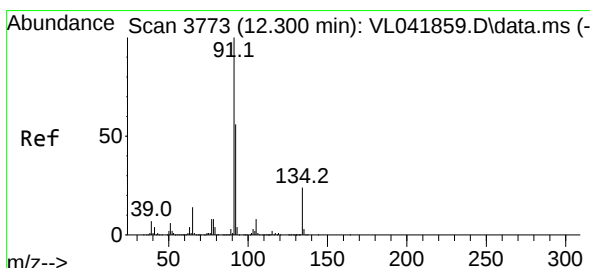
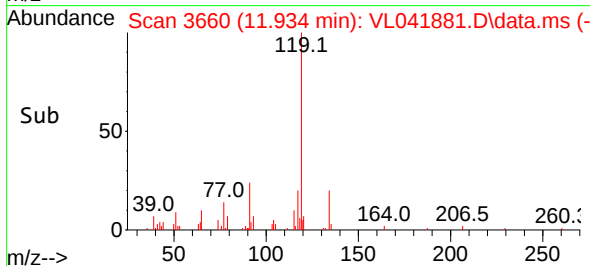
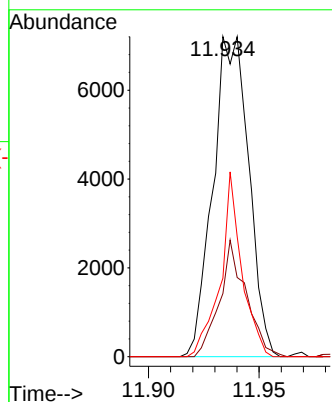
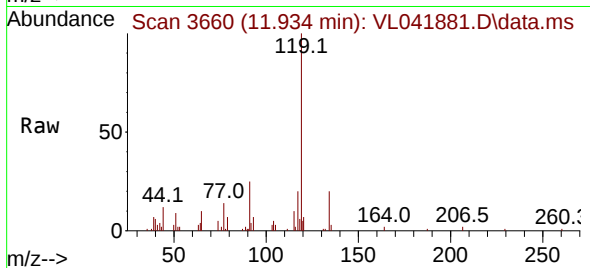
Tgt Ion:119 Resp: 8131

Ion Ratio Lower Upper

119 100

134 27.2 20.3 30.5

91 34.4 22.6 34.0#



#70

n-Butylbenzene

Concen: 0.104 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

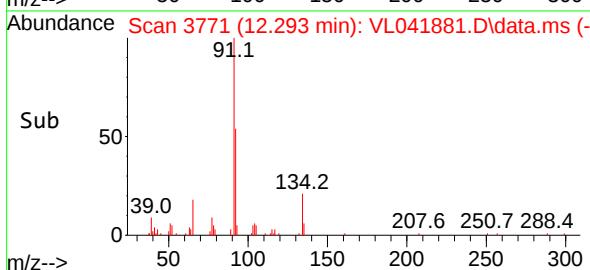
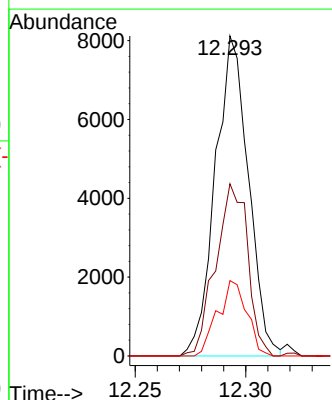
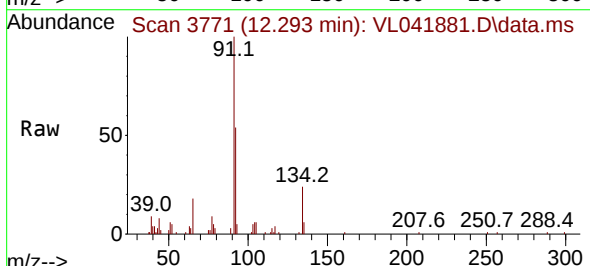
Tgt Ion: 91 Resp: 8440

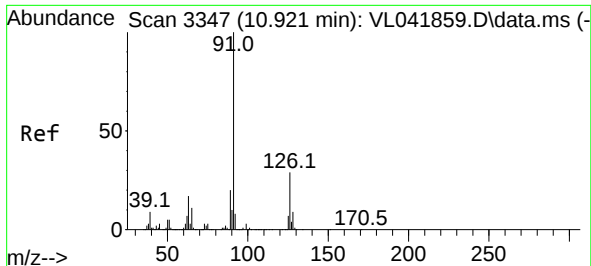
Ion Ratio Lower Upper

91 100

92 52.5 43.8 65.8

134 20.7 19.3 28.9

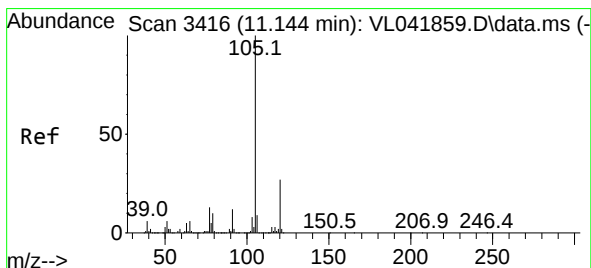
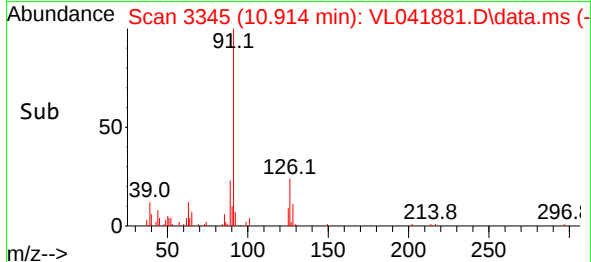
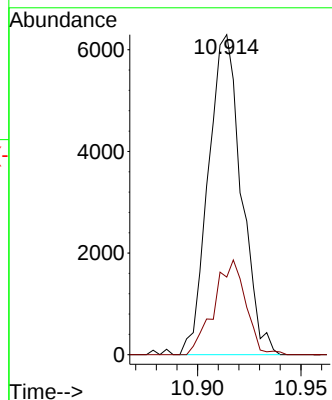
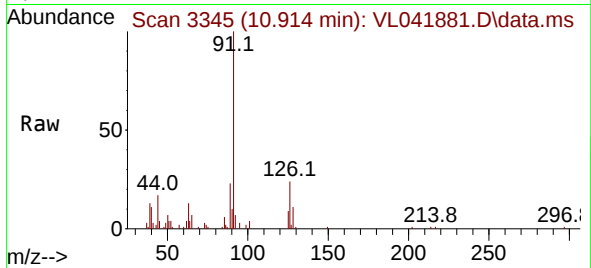




#71
2-Chlorotoluene
Concen: 0.119 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

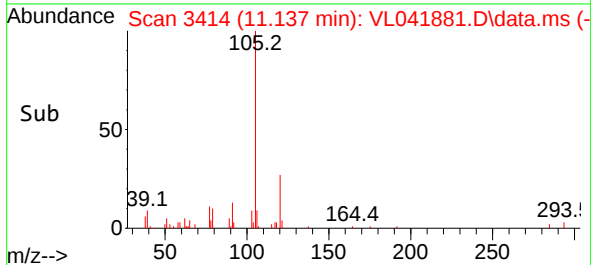
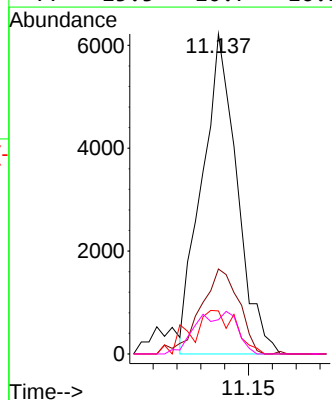
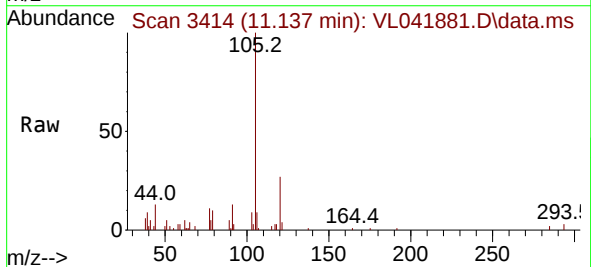
Instrument :
MSVOA_L
ClientSampleId :

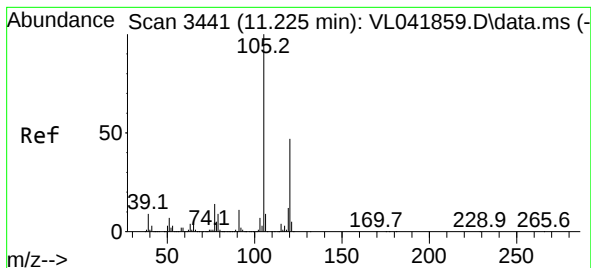
Tgt Ion: 91 Resp: 7004
Ion Ratio Lower Upper
91 100
126 28.4 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.102 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:105 Resp: 6361
Ion Ratio Lower Upper
105 100
120 29.4 23.5 35.3
91 17.3 9.8 14.8#
77 15.5 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.100 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

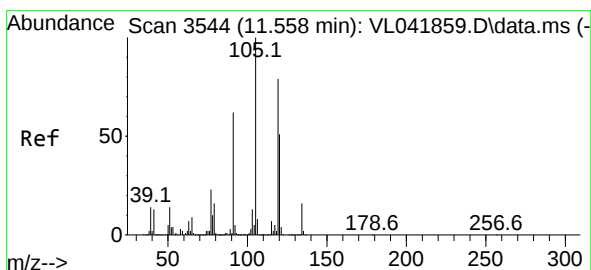
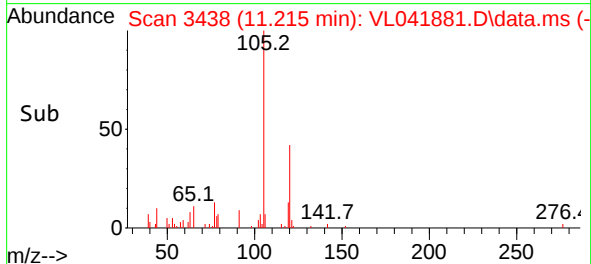
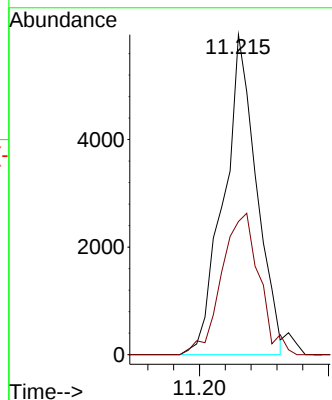
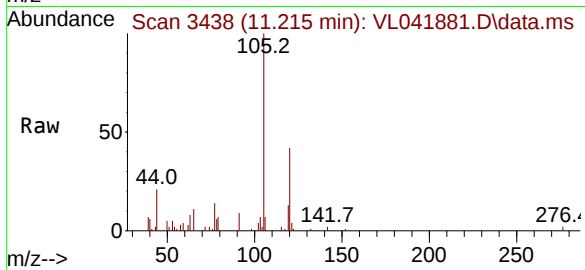
ClientSampleId :

Tgt Ion:105 Resp: 5259

Ion Ratio Lower Upper

105 100

120 41.6 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.112 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:105 Resp: 6397

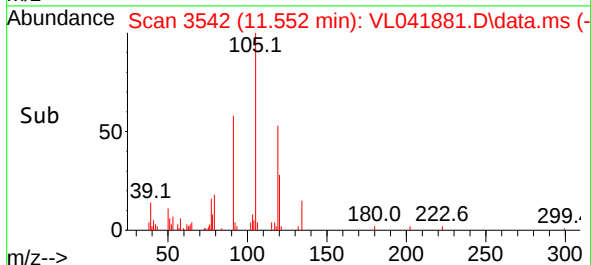
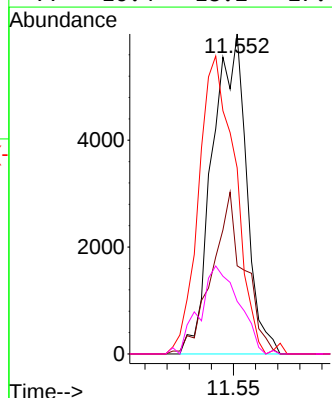
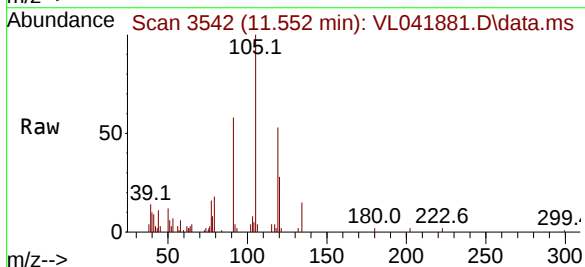
Ion Ratio Lower Upper

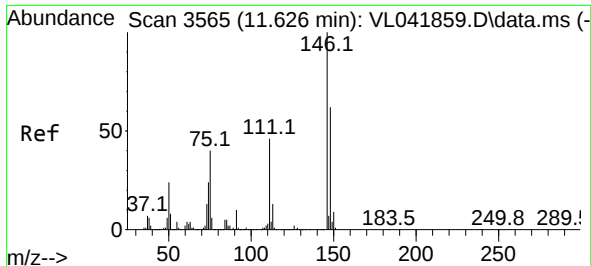
105 100

120 27.6 41.1 61.7#

91 54.8 50.0 75.0

77 16.4 18.2 27.4#

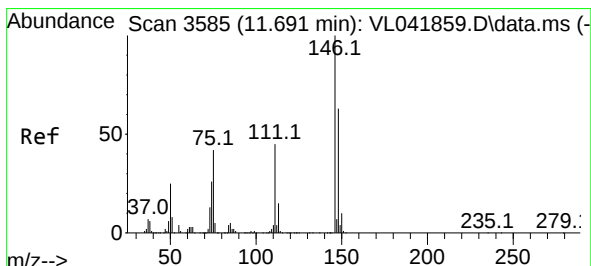
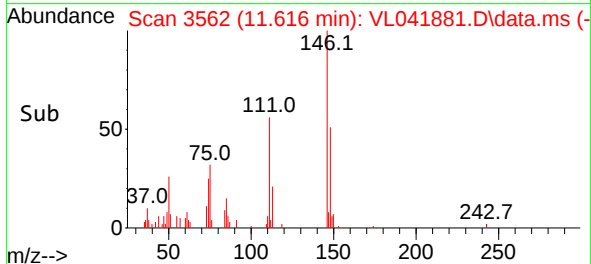
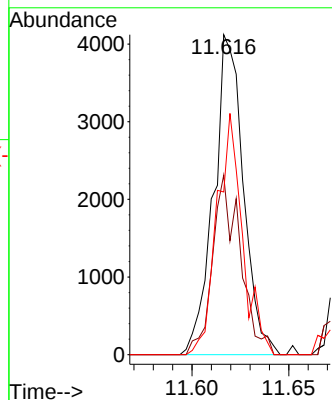
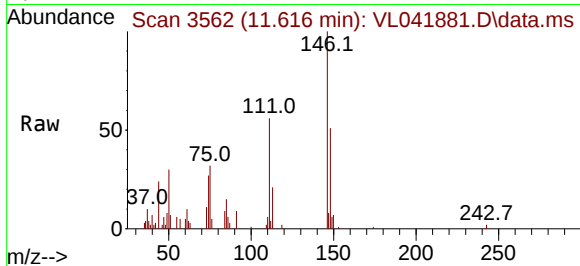




#75
1,3-Dichlorobenzene
Concen: 0.128 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

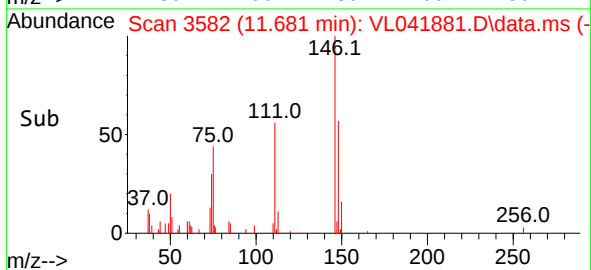
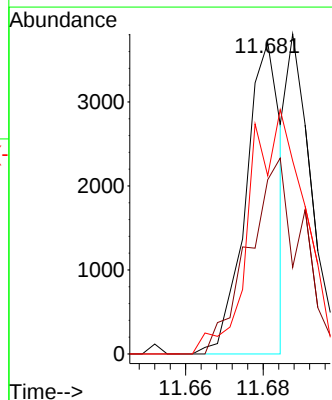
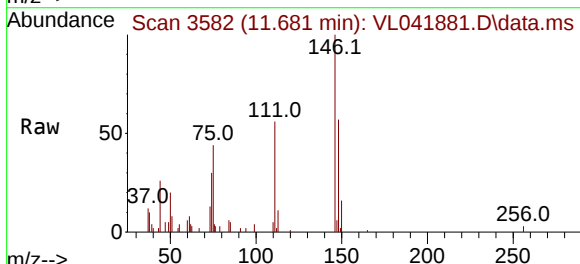
Instrument :
MSVOA_L
ClientSampleId :

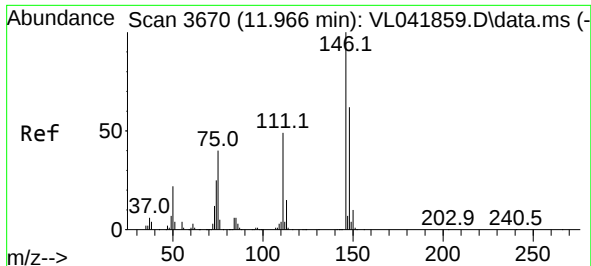
Tgt Ion:146 Resp: 4398
Ion Ratio Lower Upper
146 100
111 52.8 23.2 69.5
148 64.8 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.068 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

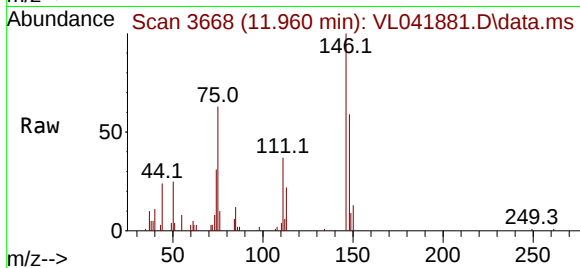
Tgt Ion:146 Resp: 2323
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#



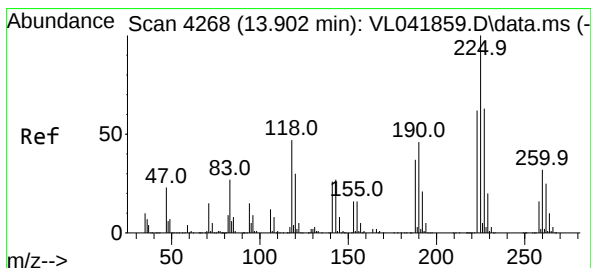
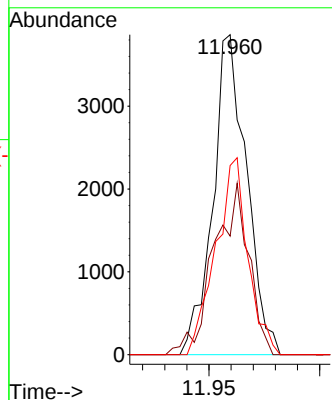
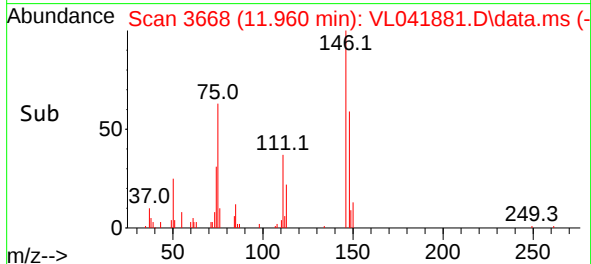


#77
1,2-Dichlorobenzene
Concen: 0.126 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :

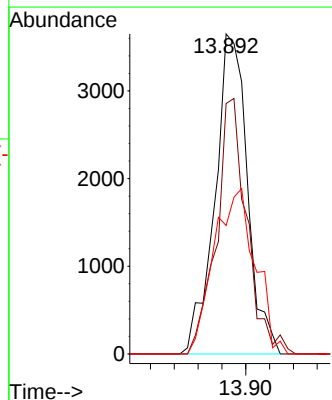
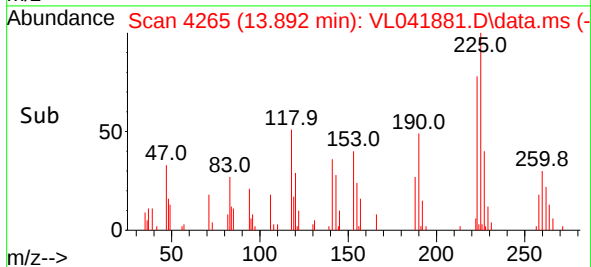
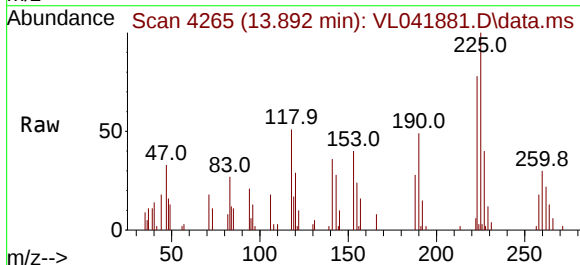


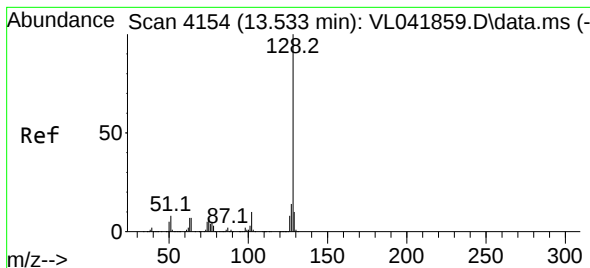
Tgt Ion:	146	Resp:	4074
Ion Ratio	Lower	Upper	
146	100		
111	55.6	24.1	72.3
148	58.7	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.124 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:	225	Resp:	3452
Ion Ratio	Lower	Upper	
225	100		
223	74.8	50.6	75.8
227	65.8	50.9	76.3





#79

Naphthalene

Concen: 0.088 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.007 min

Lab File: VL041881.D

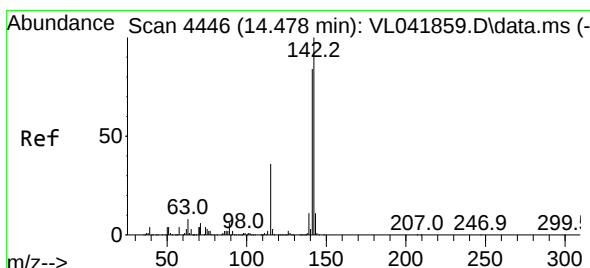
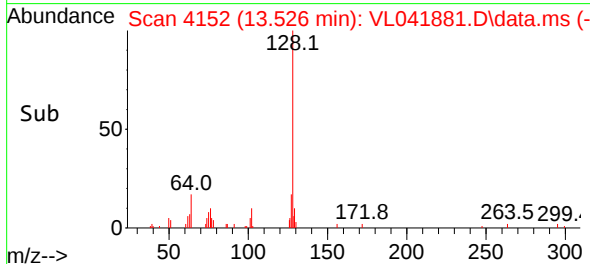
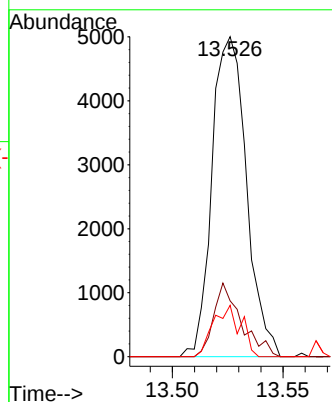
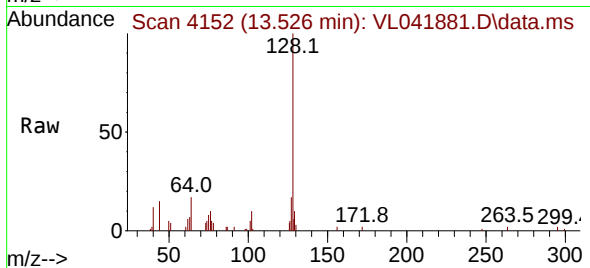
Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128 Resp: 5406
 Ion Ratio Lower Upper
 128 100
 127 16.5 10.8 16.2#
 129 15.2 8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.075 ppbv

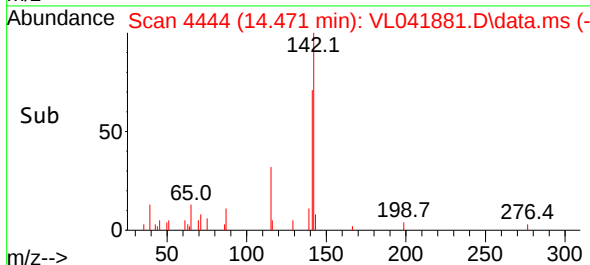
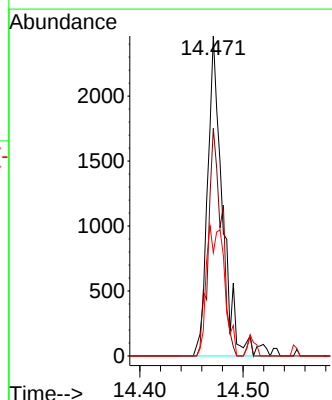
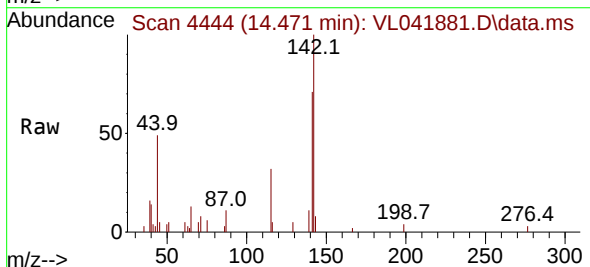
RT: 14.471 min Scan# 4444

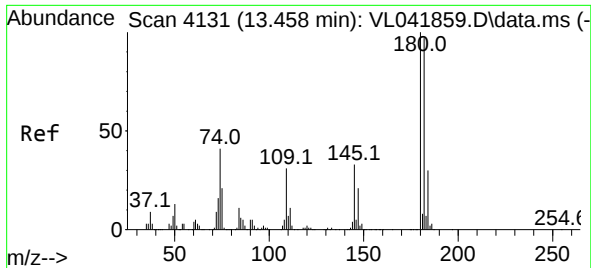
Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:142 Resp: 2511
 Ion Ratio Lower Upper
 142 100
 141 65.0 68.2 102.4#
 115 51.3 29.4 44.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.121 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.007 min

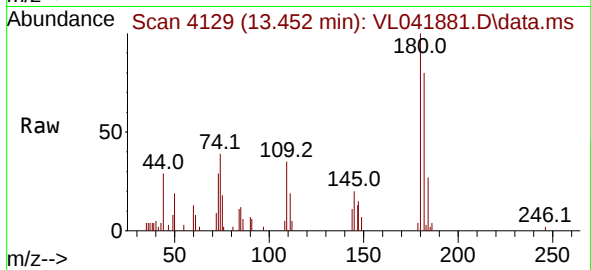
Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 3551

Ion Ratio Lower Upper

180 100

182 92.5 75.8 113.8

184 35.9 24.1 36.1

