

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041867.D
 Acq On : 09 Jan 2025 16:00
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

Quant Time: Jan 10 01:40:19 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	2.803	49	132442	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	397872	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	361279	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	290790	10.038	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.505	85	637	0.029	ppbv	91
3) Chlorodifluoromethane	1.483	51	887	0.037	ppbv #	87
4) Chloromethane	1.538	50	452	0.053	ppbv	91
5) Vinyl Chloride	1.590	62	30	0.003	ppbv #	45
6) Bromomethane	1.677	94	103	0.024	ppbv #	79
7) Chloroethane	1.729	64	83	0.024	ppbv #	46
8) Dichlorotetrafluoroethane	1.774	85	44	0.002	ppbv	84
9) Propene	1.305	41	181	0.016	ppbv	86
10) Heptane	5.011	43	61	0.002	ppbv	87
11) Trichlorofluoromethane	1.881	101	153	0.007	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.175	101	35	0.002	ppbv #	1
13) Ethanol	1.729	45	1293	1.827	ppbv #	51
14) Bromoethene	1.797	108	16	0.002	ppbv #	6
15) Acetone	1.845	43	4646	0.208	ppbv #	82
16) 1,3-Butadiene	1.615	39	359	0.037	ppbv #	12
17) tert-Butyl alcohol	2.052	59	198	0.008	ppbv #	1
18) 1,1-Dichloroethene	2.049	96	67	0.008	ppbv #	1
19) Isopropyl Alcohol	1.900	45	2054	0.175	ppbv #	40
20) Methylene Chloride	2.072	84	1907	0.250	ppbv #	81
21) Allyl Chloride	2.104	41	399	0.028	ppbv #	2
22) trans-1,2-Dichloroethene	2.350	96	90	0.010	ppbv #	1
23) Vinyl Acetate	2.483	43	280	0.025	ppbv #	33
24) 1,1-Dichloroethane	2.421	63	78	0.004	ppbv #	88
25) Ethyl Acetate	2.862	43	155	0.003	ppbv #	74
26) Hexane	2.845	57	427	0.019	ppbv #	1
27) Carbon Disulfide	2.166	76	104	0.005	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	43	0.002	ppbv #	1
29) Chloroform	2.868	83	193	0.006	ppbv	86
30) Cyclohexane	3.829	84	33	0.002	ppbv #	1
31) cis-1,2-Dichloroethene	2.593	61	31	0.001	ppbv #	24
32) 1,1,1-Trichloroethane	3.250	97	24	0.001	ppbv #	52
34) 2-Butanone	2.570	43	284	0.009	ppbv #	52
35) Carbon Tetrachloride	3.791	117	56	0.002	ppbv #	11
36) Benzene	3.674	78	451	0.010	ppbv #	37
37) 1,2-Dichloroethane	3.237	62	65	0.003	ppbv #	1
38) Trichloroethene	4.600	130	51	0.003	ppbv #	3
39) 1,2-Dichloropropane	3.981	63	99030	6.031	ppbv #	22
40) 1,4-Dioxane	4.655	88	28	0.003	ppbv #	1
41) Tetrahydrofuran	3.075	42	107	0.006	ppbv #	37
42) Bromodichloromethane	4.596	83	51	0.002	ppbv #	26
43) Methyl Methacrylate	4.914	69	42	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.671	57	41	0.001	ppbv #	43
45) t-1,3-Dichloropropene	6.425	75	27	0.001	ppbv #	15

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041867.D
 Acq On : 09 Jan 2025 16:00
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

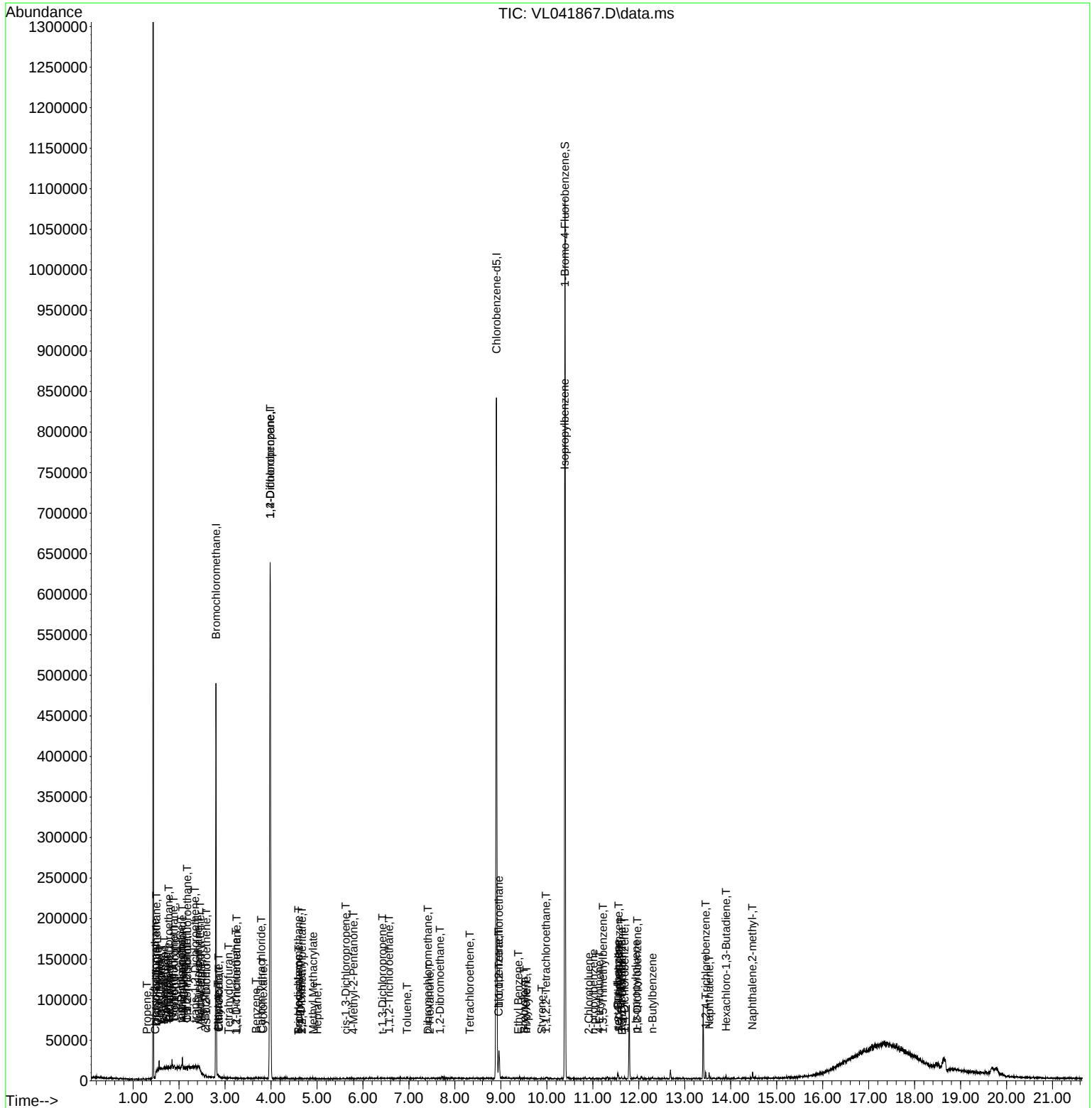
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

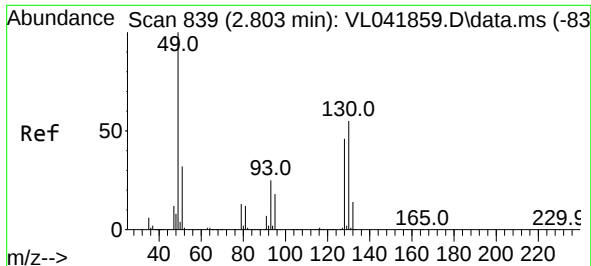
Quant Time: Jan 10 01:40:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	29	0.001	ppbv #	60
47) 1,1,2-Trichloroethane	6.571	97	27	0.002	ppbv #	15
48) Dibromochloromethane	7.409	129	58	0.002	ppbv #	10
49) Bromoform	9.503	173	54	0.002	ppbv #	28
50) 4-Methyl-2-Pentanone	5.794	43	57	0.001	ppbv #	38
51) 2-Hexanone	7.451	43	177	0.005	ppbv #	28
52) Tetrachloroethene	8.325	164	36	0.002	ppbv #	1
53) Toluene	6.959	91	295	0.005	ppbv #	18
54) 1,2-Dibromoethane	7.675	107	83	0.004	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	8.959	131	38	0.002	ppbv #	1
57) Chlorobenzene	8.950	112	80	0.002	ppbv #	22
58) Ethyl Benzene	9.377	91	186	0.003	ppbv #	44
59) m/p-Xylene	9.558	91	129	0.002	ppbv #	100
60) o-Xylene	9.545	91	275	0.005	ppbv #	90
61) Styrene	9.888	104	81	0.003	ppbv #	1
62) Isopropylbenzene	10.387	105	140	0.002	ppbv #	91
63) 1,1,2,2-Tetrachloroethane	9.982	83	72	0.002	ppbv #	1
64) n-propylbenzene	11.018	120	50	0.002	ppbv #	1
65) tert-Butylbenzene	11.542	119	306	0.004	ppbv #	25
66) Benzyl Chloride	11.639	91	14	0.002	ppbv #	66
67) sec-Butylbenzene	11.552	105	568	0.005	ppbv #	95
69) p-Isopropyltoluene	11.940	119	608	0.006	ppbv #	78
70) n-Butylbenzene	12.296	91	702	0.007	ppbv #	79
71) 2-Chlorotoluene	10.911	91	412	0.006	ppbv #	80
72) 4-Ethyltoluene	11.144	105	327	0.005	ppbv #	62
73) 1,3,5-Trimethylbenzene	11.219	105	493	0.008	ppbv #	76
74) 1,2,4-Trimethylbenzene	11.562	105	287	0.004	ppbv #	83
75) 1,3-Dichlorobenzene	11.623	146	337	0.008	ppbv #	24
76) 1,4-Dichlorobenzene	11.691	146	402	0.010	ppbv #	48
77) 1,2-Dichlorobenzene	11.970	146	99	0.003	ppbv #	1
78) Hexachloro-1,3-Butadiene	13.902	225	355	0.011	ppbv #	70
79) Naphthalene	13.533	128	3325	0.047	ppbv #	96
80) Naphthalene,2-methyl-	14.471	142	2578	0.067	ppbv #	82
81) 1,2,4-Trichlorobenzene	13.455	180	1214	0.036	ppbv #	92

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

Quant Time: Jan 10 01:40:19 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

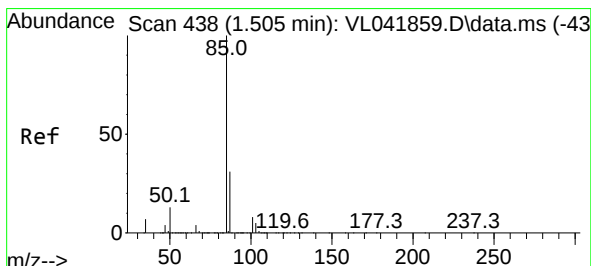
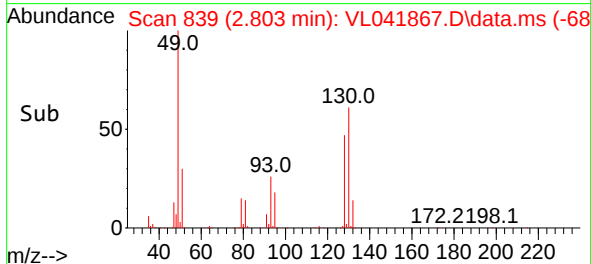
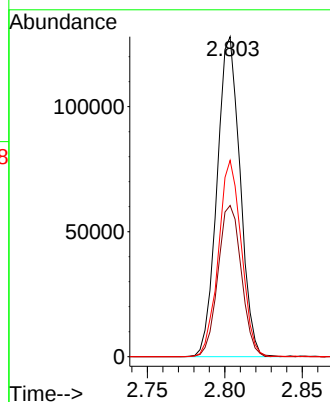
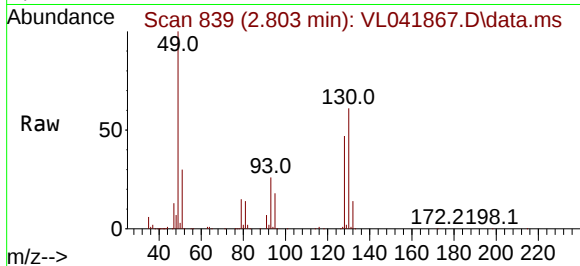




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 839
 Delta R.T. 0.000 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

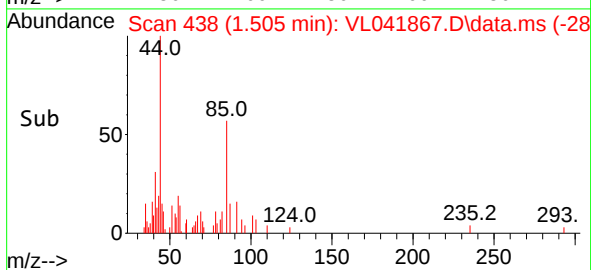
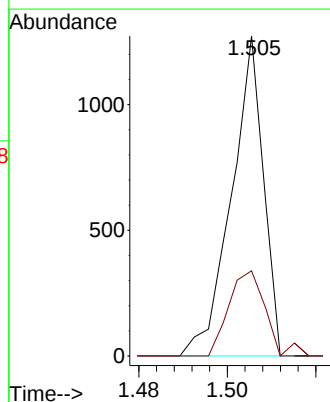
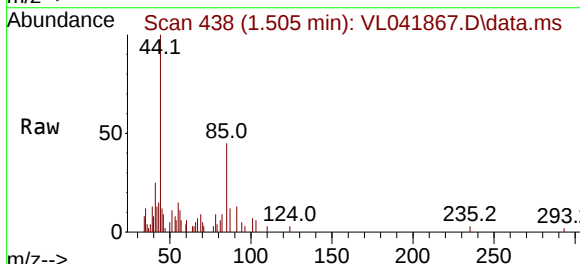
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

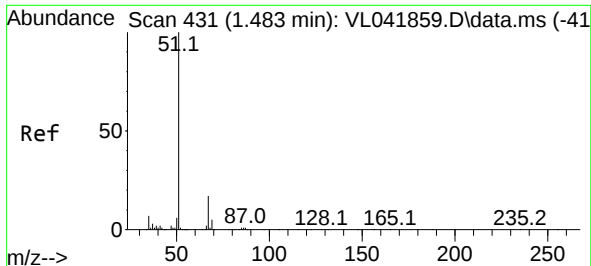
Tgt Ion: 49 Resp: 132442
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.2 69.5
 130 61.1 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.029 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 85 Resp: 637
 Ion Ratio Lower Upper
 85 100
 87 26.6 25.2 37.8

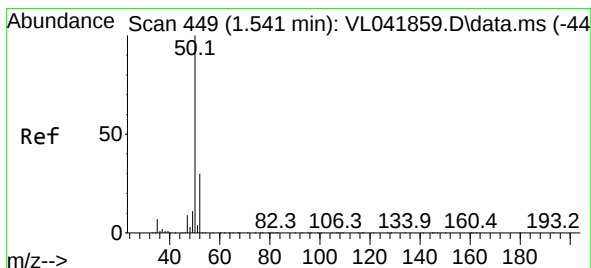
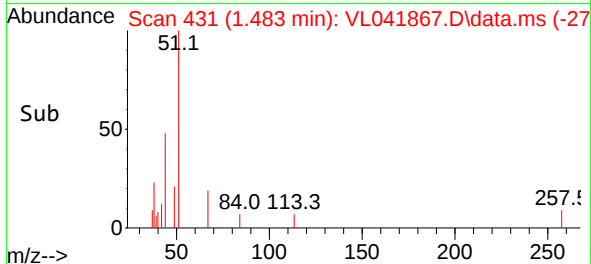
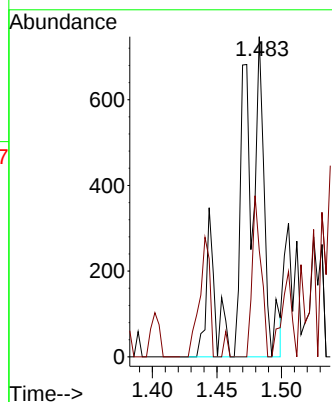
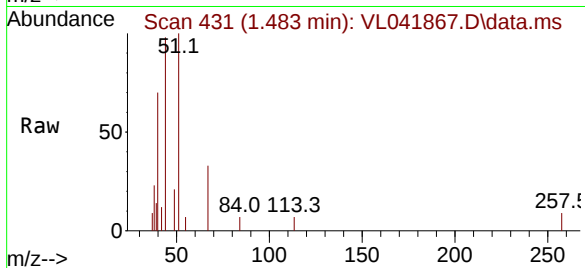




#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

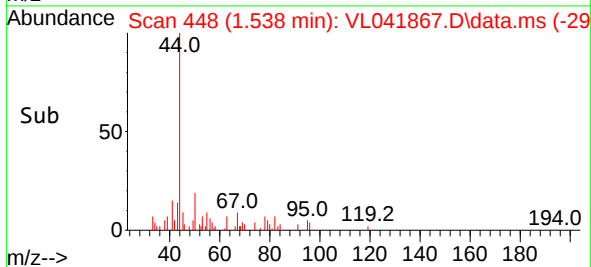
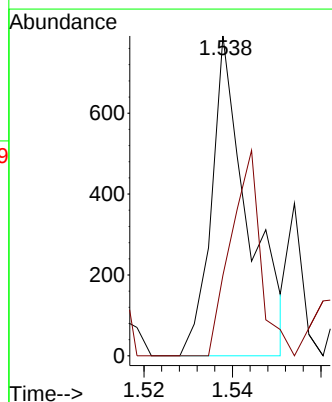
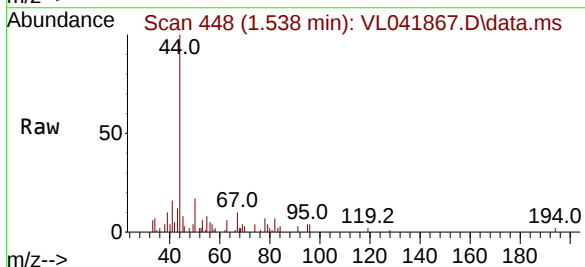
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

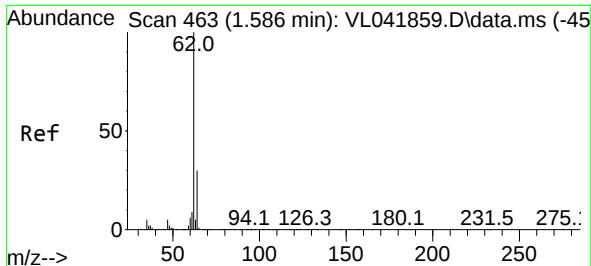
Tgt Ion: 51 Resp: 887
Ion Ratio Lower Upper
51 100
67 23.1 13.8 20.8#



#4
Chloromethane
Concen: 0.053 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 25.2 23.9 35.9

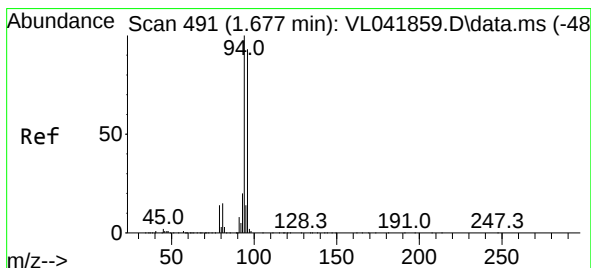
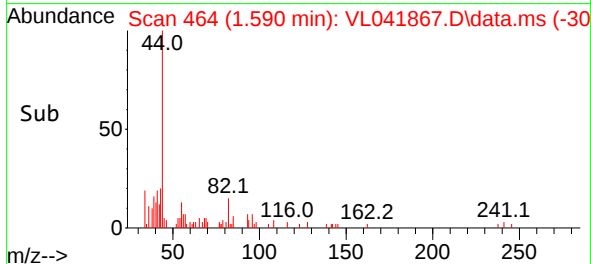
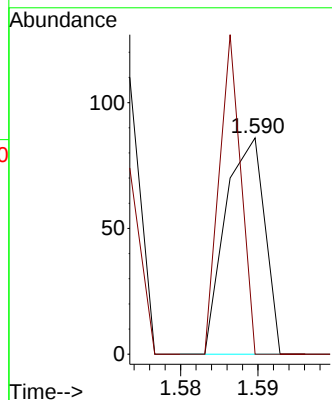
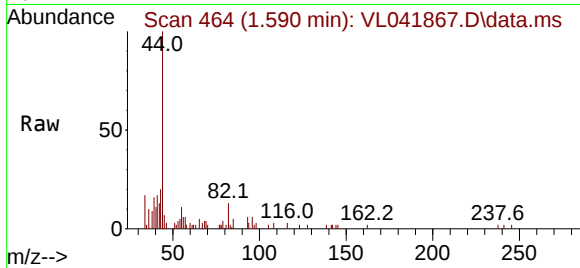




#5
 Vinyl Chloride
 Concen: 0.003 ppbv
 RT: 1.590 min Scan# 464
 Delta R.T. 0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

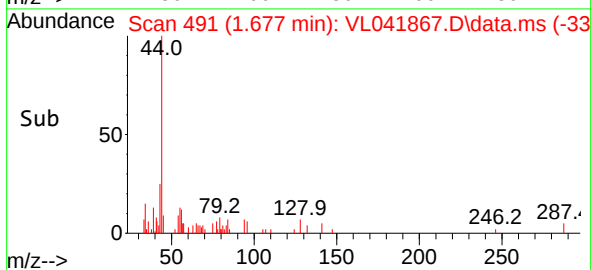
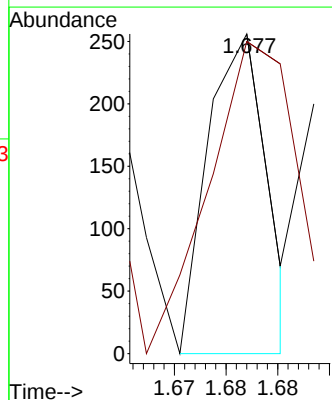
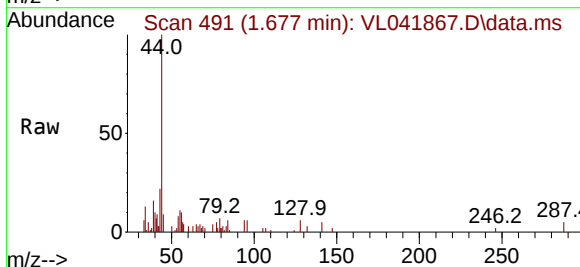
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL01

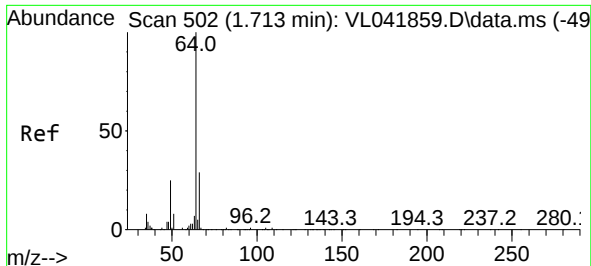
Tgt Ion: 62 Resp: 30
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.024 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.000 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 94 Resp: 103
 Ion Ratio Lower Upper
 94 100
 96 73.0 74.8 112.2#

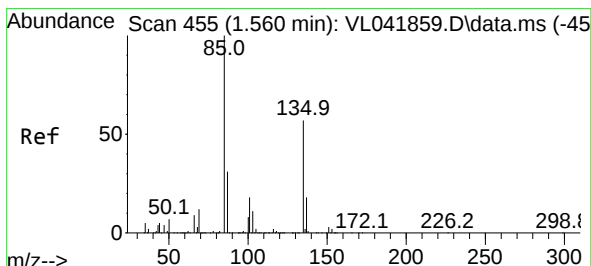
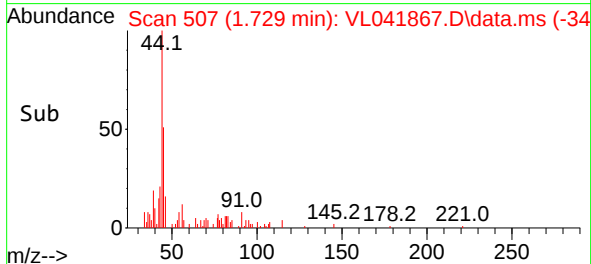
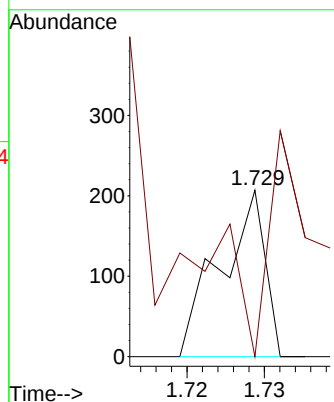
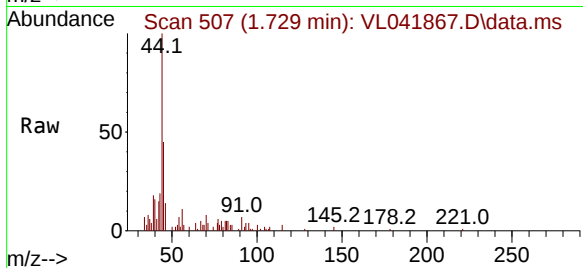




#7
Chloroethane
Concen: 0.024 ppbv
RT: 1.729 min Scan# 502
Delta R.T. 0.016 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

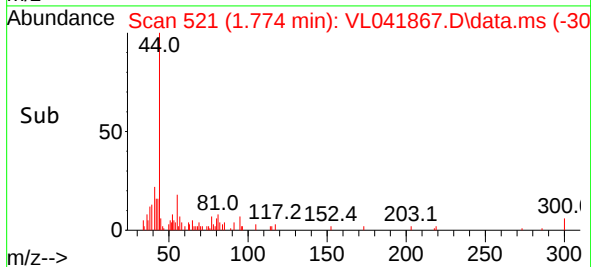
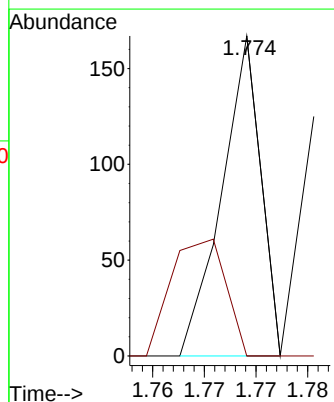
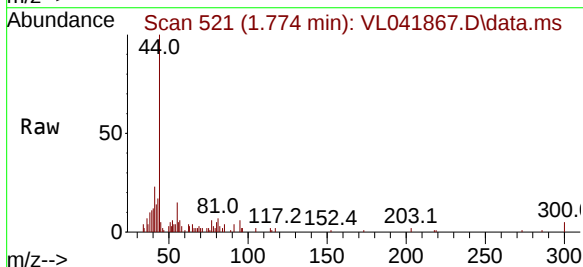
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

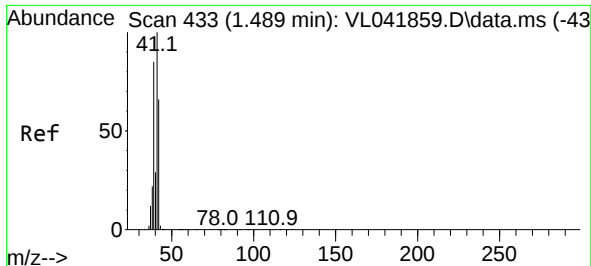
Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.002 ppbv
RT: 1.774 min Scan# 521
Delta R.T. 0.214 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
135 52.3 52.2 78.4





#9

Propene

Concen: 0.016 ppbv

RT: 1.305 min Scan# 31

Delta R.T. -0.184 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

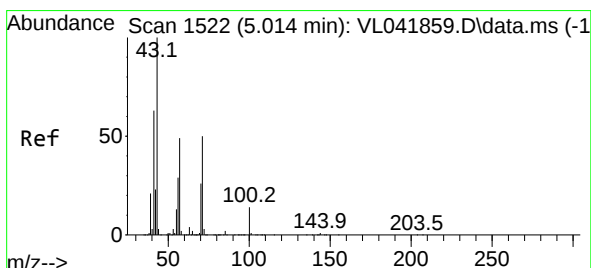
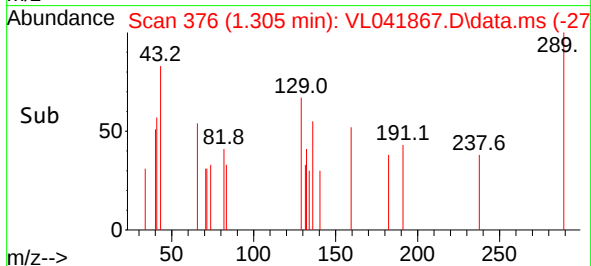
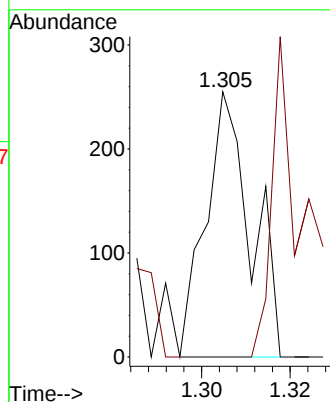
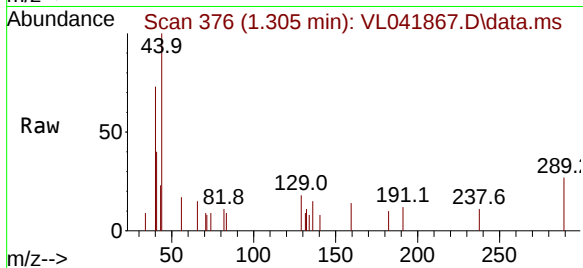
VL0109ABL01

Tgt Ion: 41 Resp: 181

Ion Ratio Lower Upper

41 100

42 77.3 53.0 79.6



#10

Heptane

Concen: 0.002 ppbv

RT: 5.011 min Scan# 1521

Delta R.T. -0.003 min

Lab File: VL041867.D

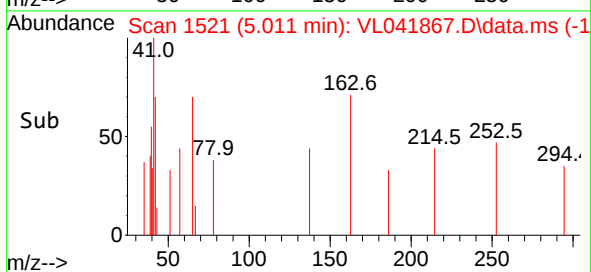
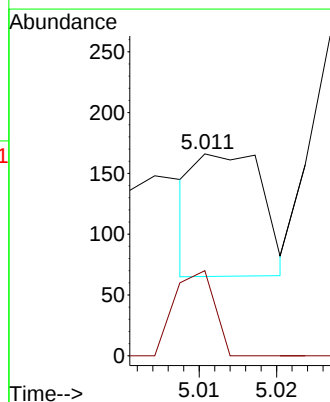
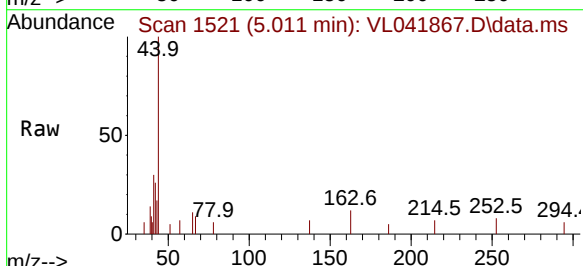
Acq: 09 Jan 2025 16:00

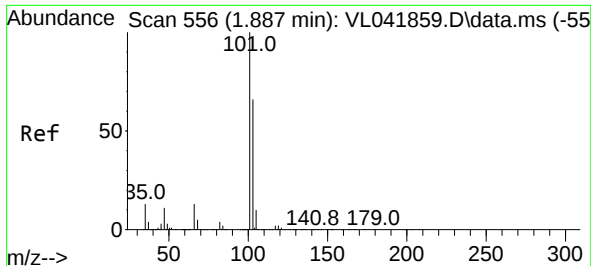
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

57 41.0 40.2 60.2

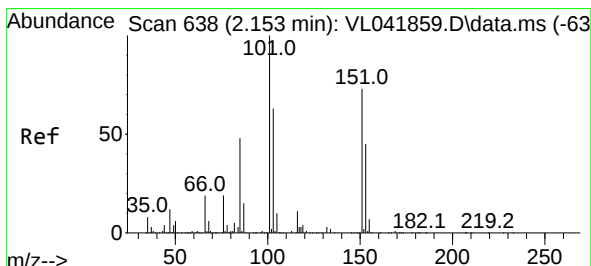
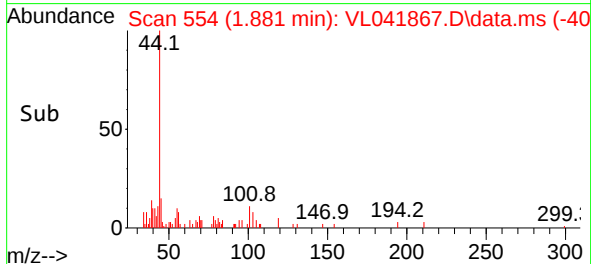
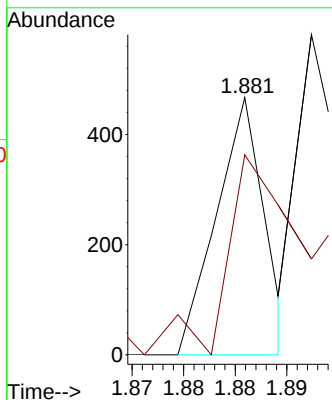
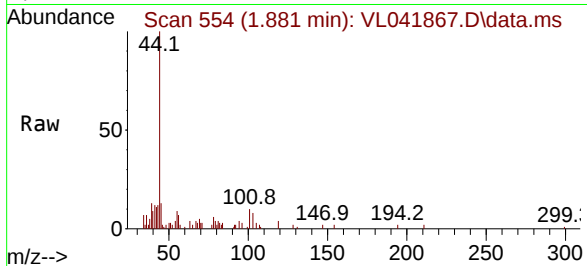




#11
 Trichlorofluoromethane
 Concen: 0.007 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

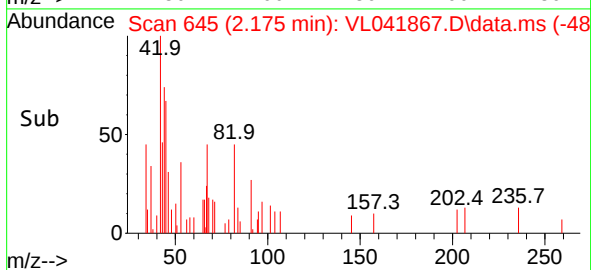
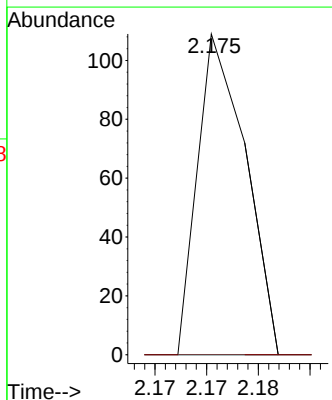
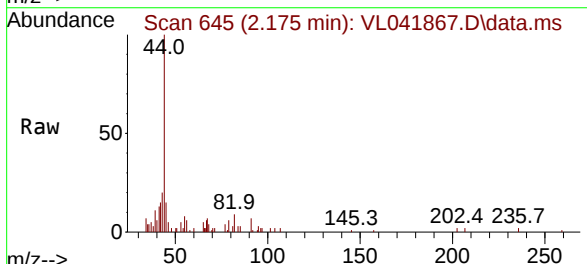
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

Tgt Ion:101 Resp: 153
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.002 ppbv
 RT: 2.175 min Scan# 645
 Delta R.T. 0.023 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion:101 Resp: 35
 Ion Ratio Lower Upper
 101 100
 151 211.4 59.4 89.0#

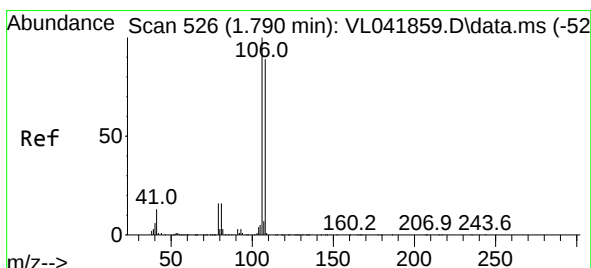
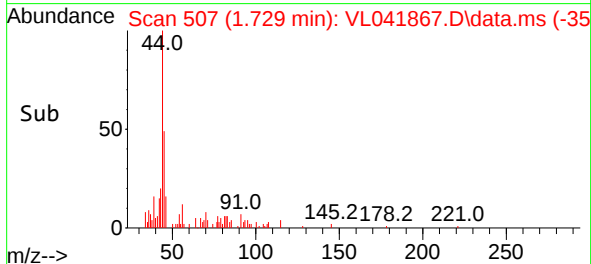
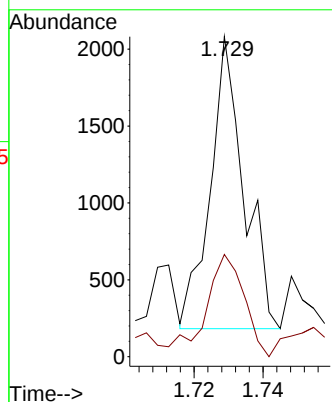
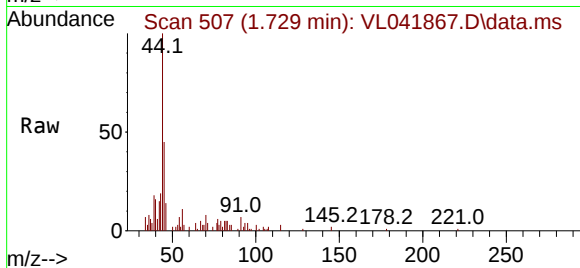




#13
Ethanol
Concen: 1.827 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

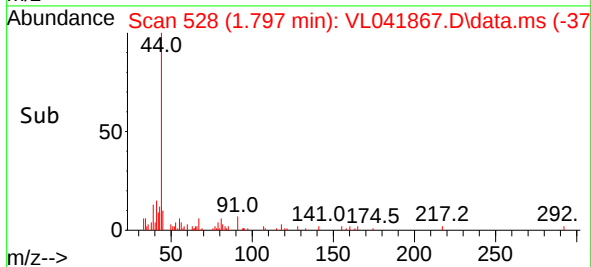
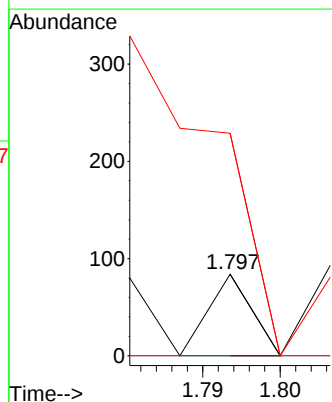
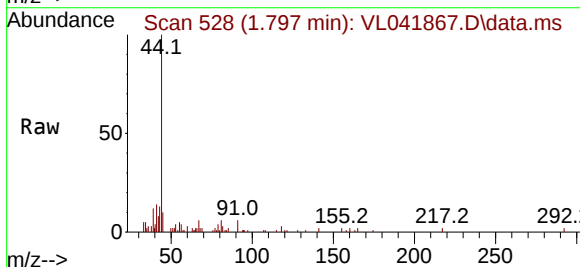
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

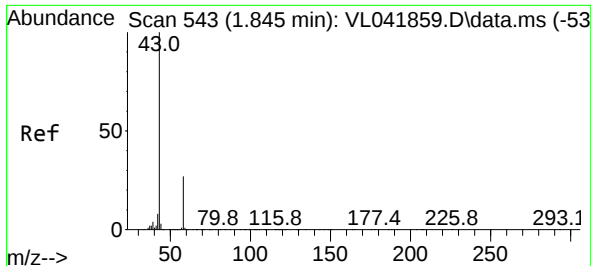
Tgt Ion: 45 Resp: 1293
Ion Ratio Lower Upper
45 100
46 80.4 19.0 76.0#



#14
Bromoethene
Concen: 0.002 ppbv
RT: 1.797 min Scan# 528
Delta R.T. 0.007 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 108 Resp: 16
Ion Ratio Lower Upper
108 100
106 0.0 86.9 130.3#
79 0.0 15.6 23.4#

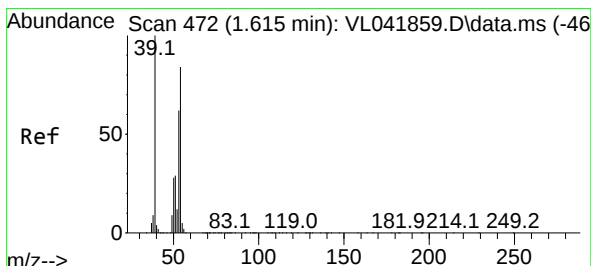
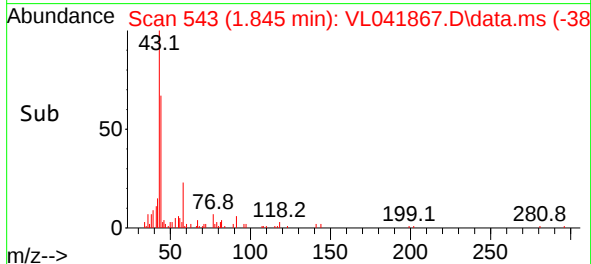
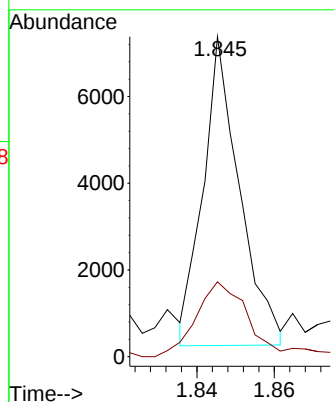
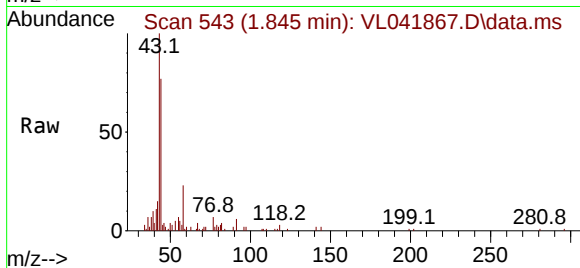




#15
Acetone
Concen: 0.208 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

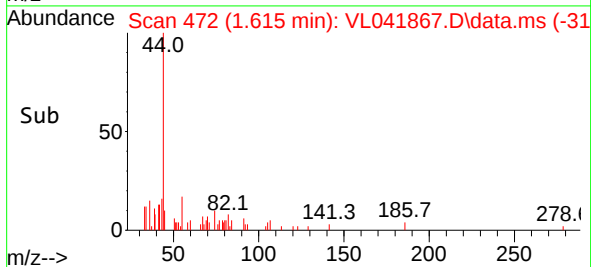
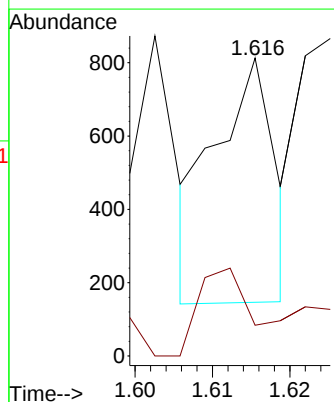
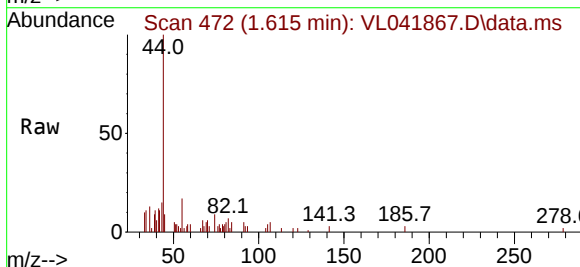
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

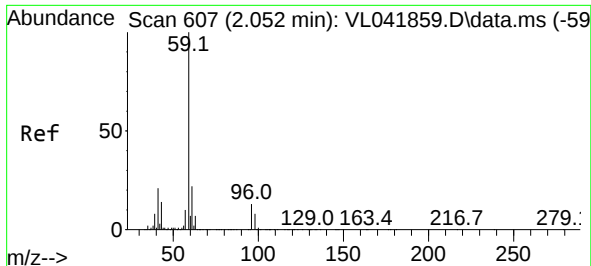
Tgt Ion: 43 Resp: 4646
Ion Ratio Lower Upper
43 100
58 37.8 22.7 34.1#



#16
1,3-Butadiene
Concen: 0.037 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 39 Resp: 359
Ion Ratio Lower Upper
39 100
54 0.0 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.008 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.000 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_1

ClientSampleId :

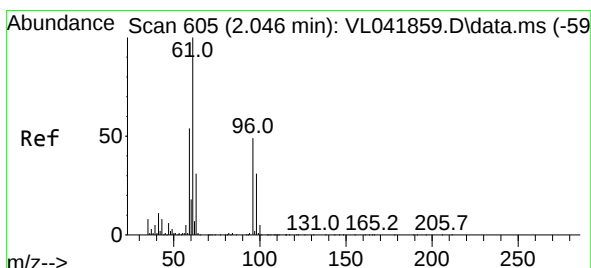
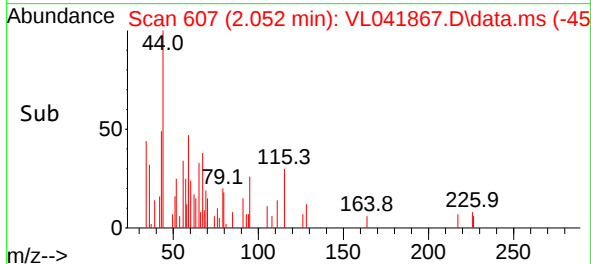
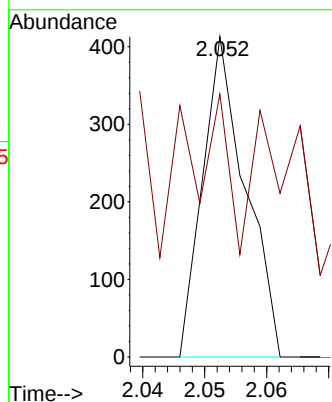
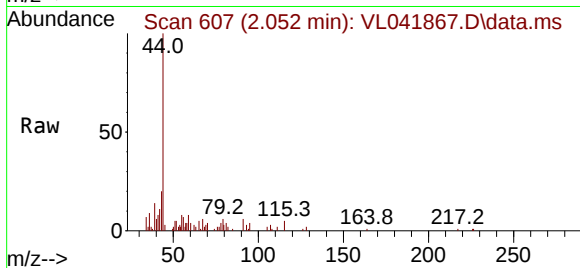
VL0109ABL01

Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 455.6 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.008 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

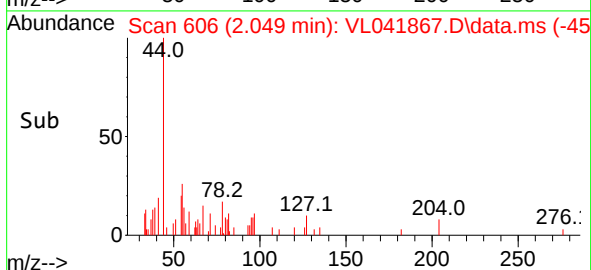
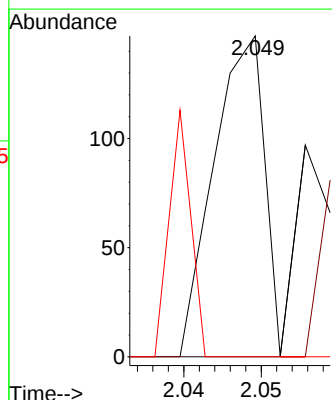
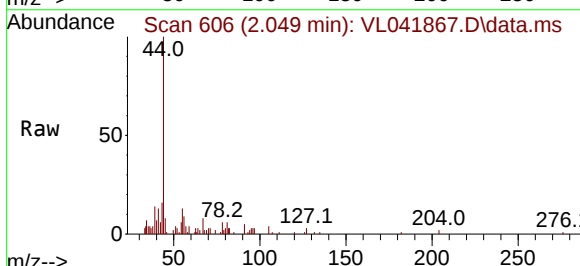
Tgt Ion: 96 Resp: 67

Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

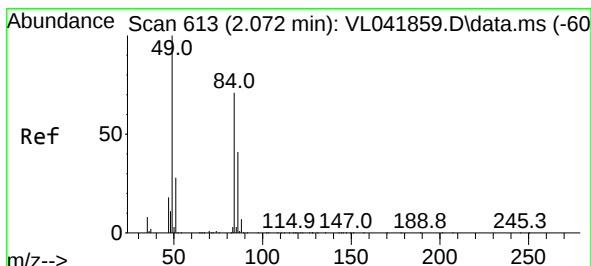
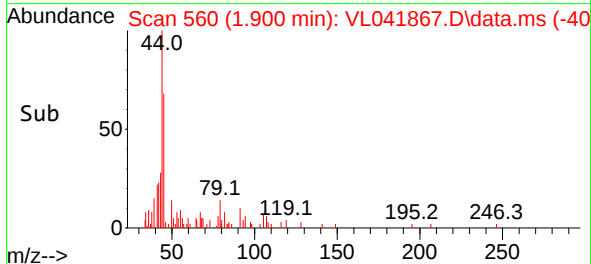
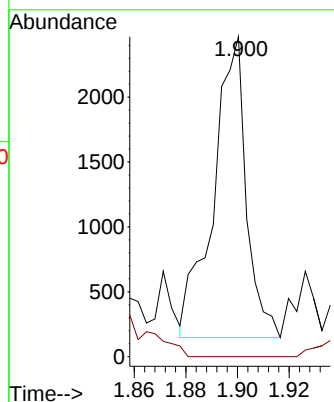
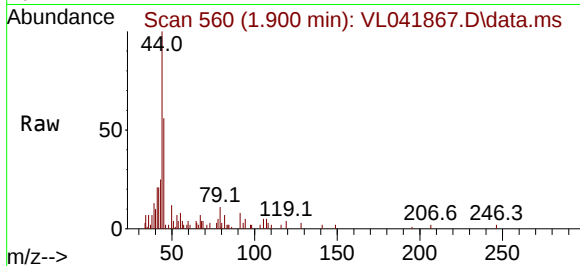




#19
Isopropyl Alcohol
Concen: 0.175 ppbv
RT: 1.900 min Scan# 519
Delta R.T. 0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

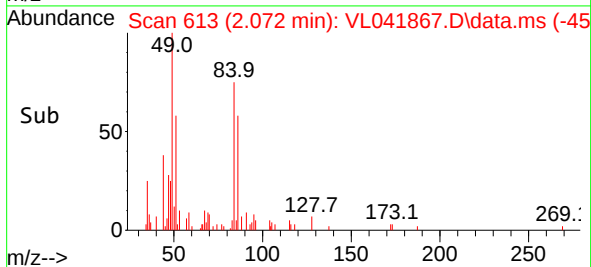
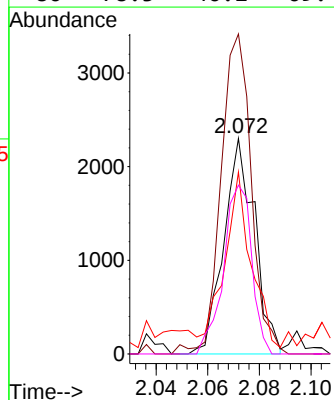
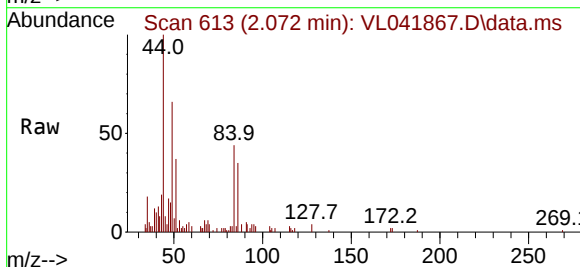
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

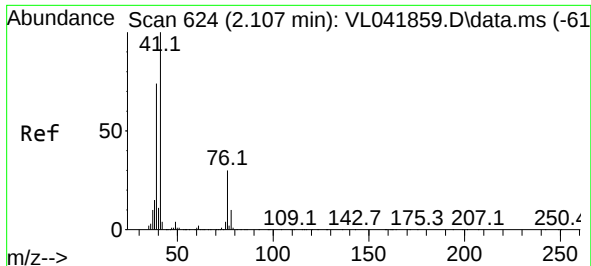
Tgt Ion: 45 Resp: 2054
Ion Ratio Lower Upper
45 100
58 6.5 37.0 55.6#



#20
Methylene Chloride
Concen: 0.250 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 84 Resp: 1907
Ion Ratio Lower Upper
84 100
49 145.8 113.8 170.8
51 81.4 33.5 50.3#
86 78.3 46.2 69.4#

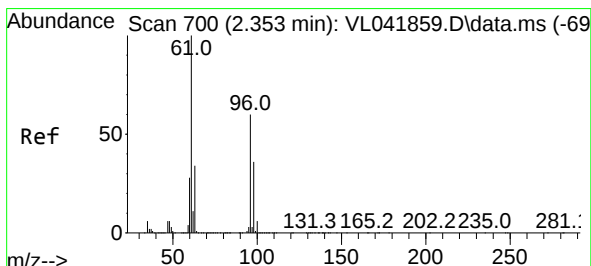
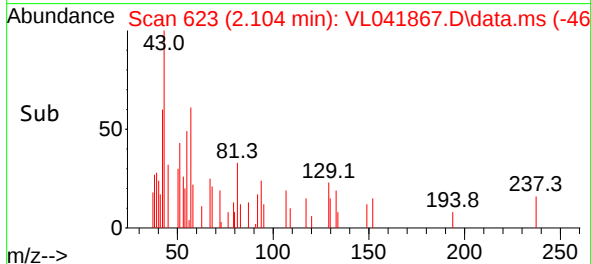
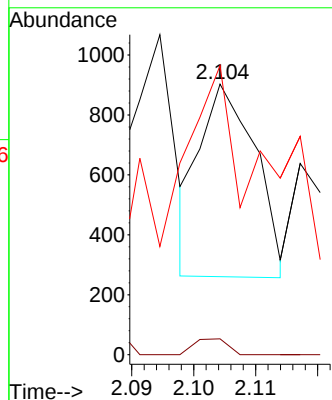
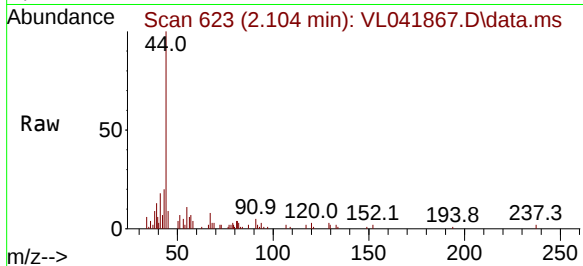




#21
 Allyl Chloride
 Concen: 0.028 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

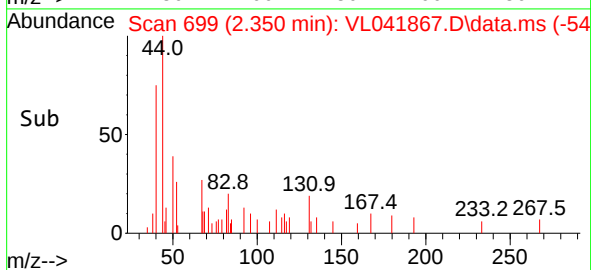
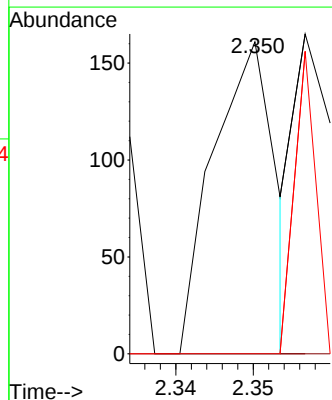
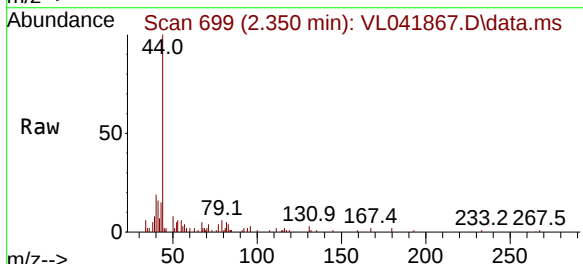
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

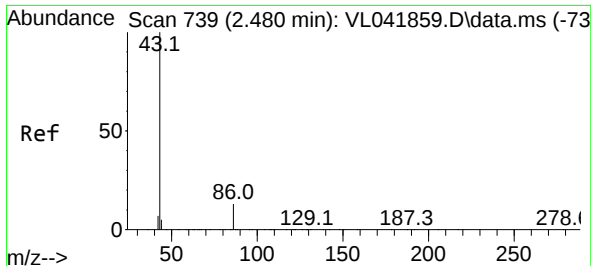
Tgt Ion: 41 Resp: 399
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 172.9 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 96 Resp: 90
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.2 201.4#
 98 0.0 49.0 73.4#

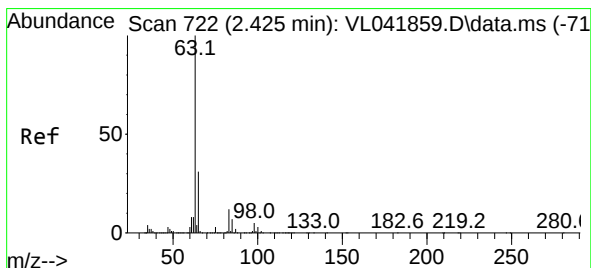
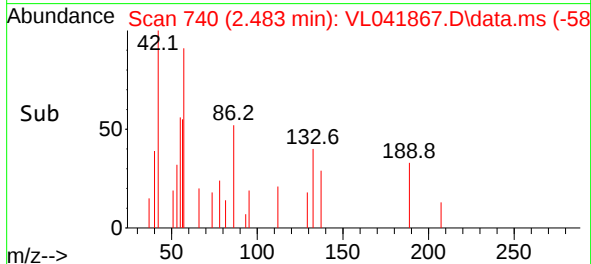
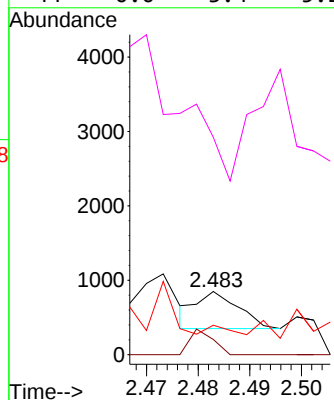
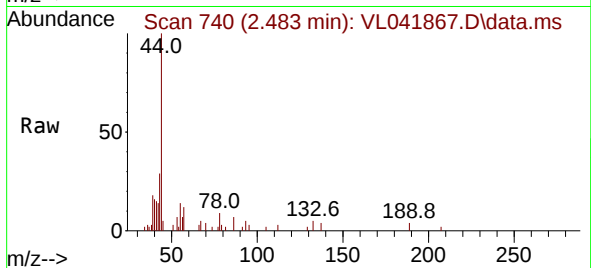




#23
 Vinyl Acetate
 Concen: 0.025 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

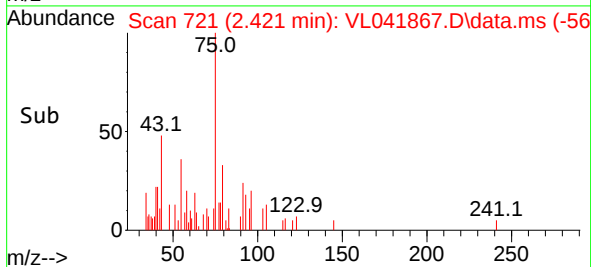
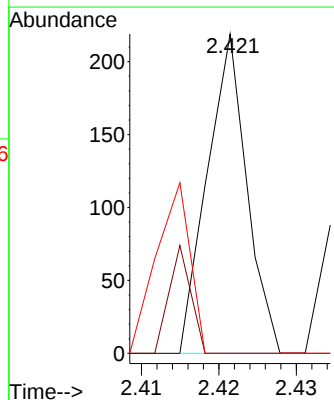
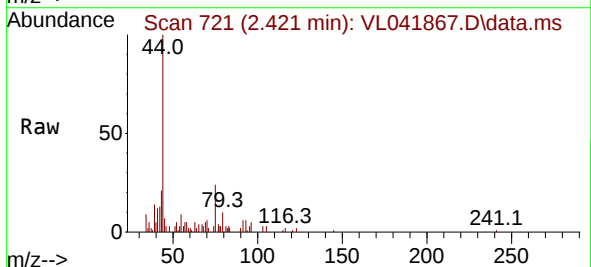
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL01

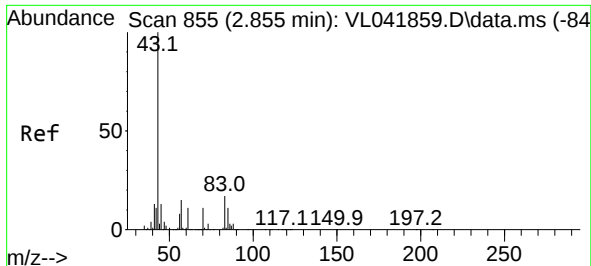
Tgt Ion: 43	Resp: 280
Ion Ratio	Lower Upper
43 100	
86 40.8	7.8 11.6#
42 35.4	7.0 10.4#
44 0.0	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.004 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 63	Resp: 78
Ion Ratio	Lower Upper
63 100	
98 0.0	2.3 6.9#
100 0.0	1.3 3.8#

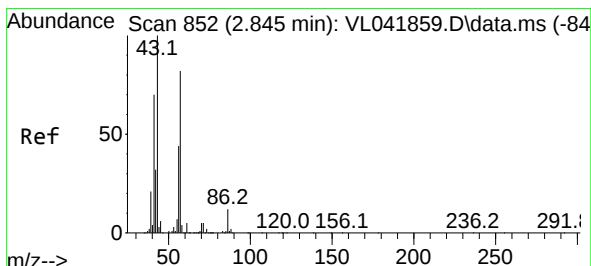
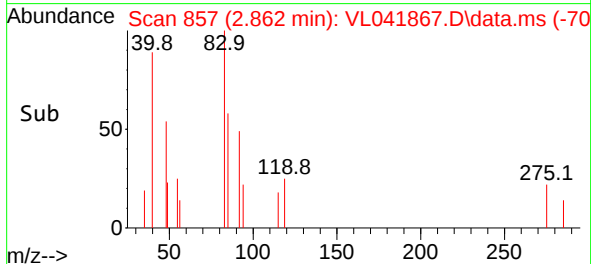
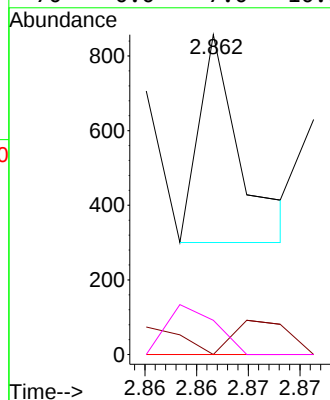
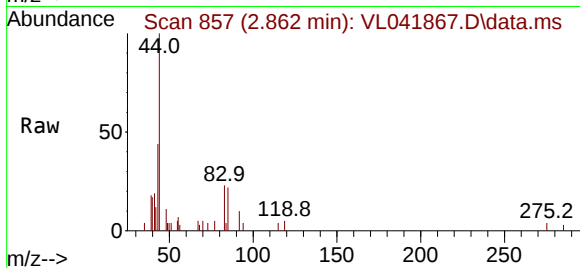




#25
Ethyl Acetate
Concen: 0.003 ppbv
RT: 2.862 min Scan# 855
Delta R.T. 0.007 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

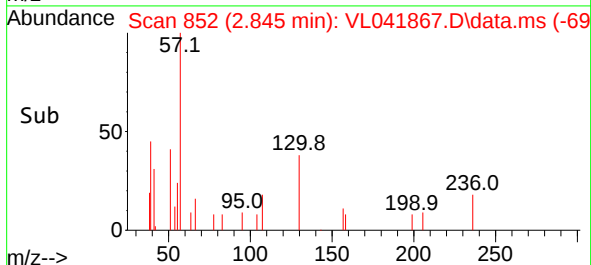
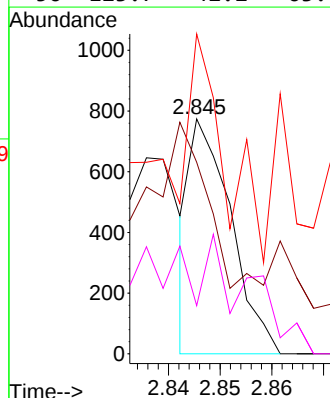
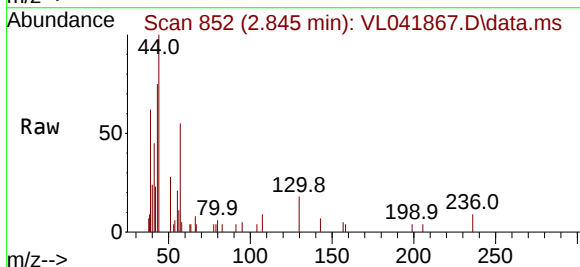
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

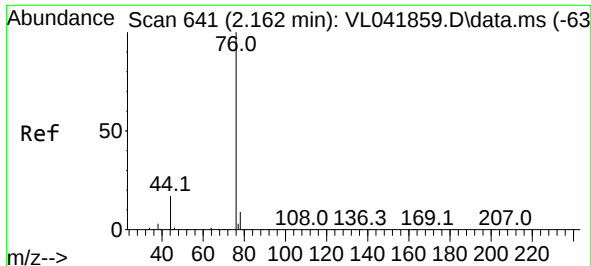
Tgt Ion: 43	Resp: 155
Ion Ratio	Lower Upper
43 100	
45 0.0	8.4 12.6#
61 0.0	7.3 10.9#
70 0.0	7.0 10.6#



#26
Hexane
Concen: 0.019 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 57	Resp:	427	
Ion	Ratio	Lower	Upper
57	100		
41	317.6	71.5	107.3#
43	571.9	200.2	300.4#
56	123.7	42.2	63.4#

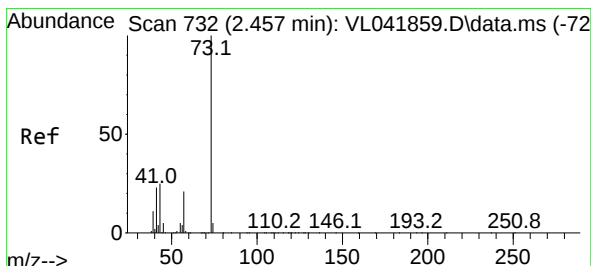
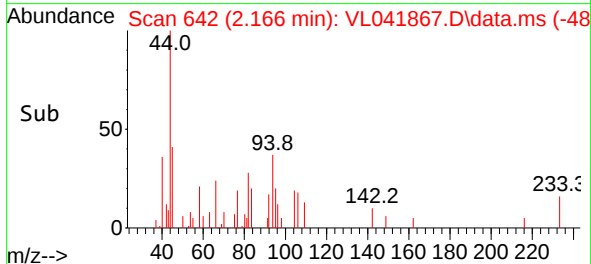
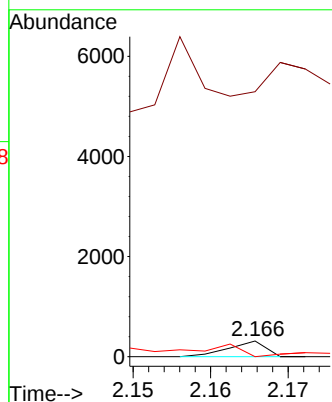
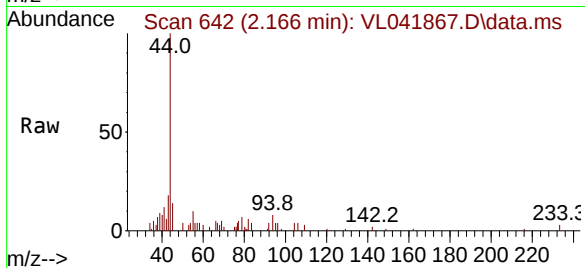




#27
Carbon Disulfide
Concen: 0.005 ppbv
RT: 2.166 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

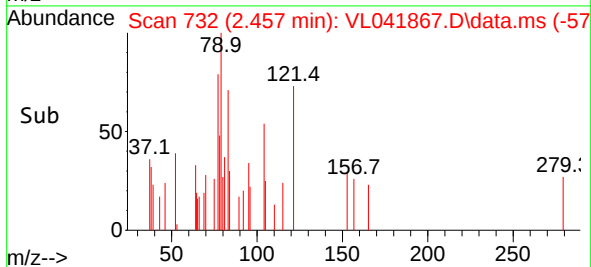
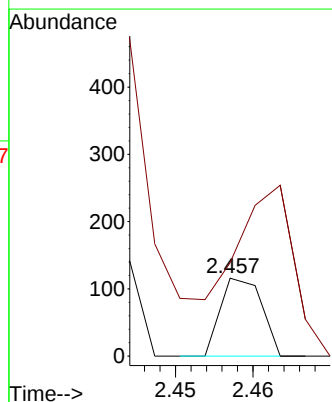
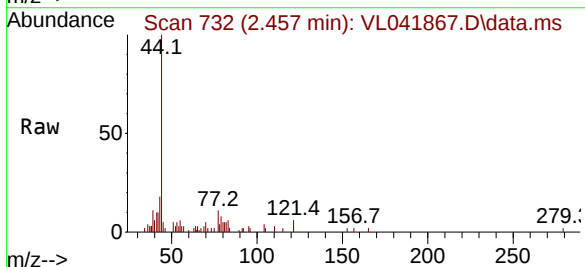
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

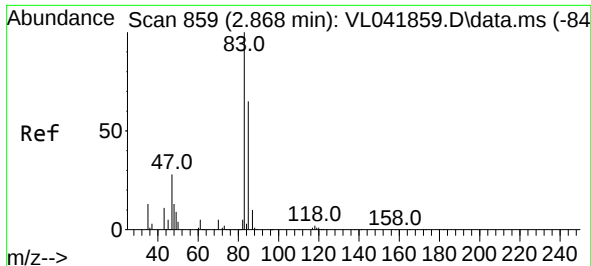
Tgt Ion: 76 Resp: 104
Ion Ratio Lower Upper
76 100
44 6380.8 13.1 19.7#
78 284.6 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.457 min Scan# 732
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 73 Resp: 43
Ion Ratio Lower Upper
73 100
57 1493.0 17.5 26.3#





#29

Chloroform

Concen: 0.006 ppbv

RT: 2.868 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

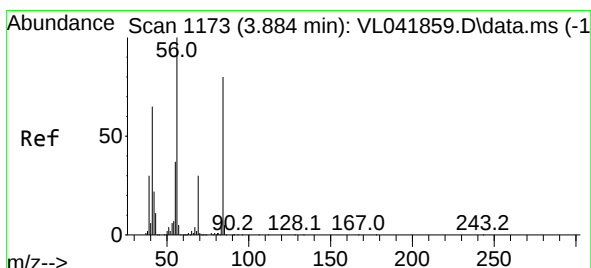
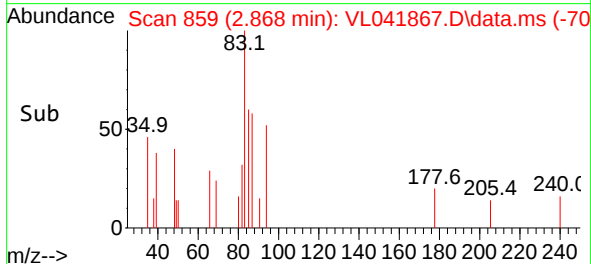
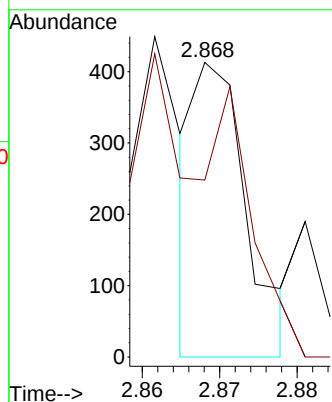
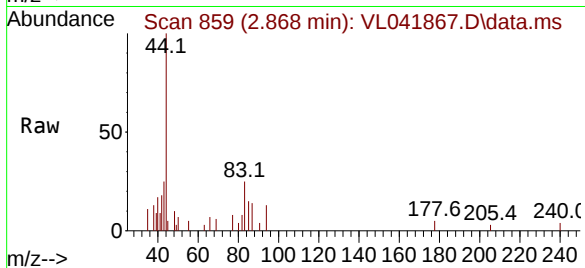
VL0109ABL01

Tgt Ion: 83 Resp: 193

Ion Ratio Lower Upper

83 100

85 53.3 51.7 77.5



#30

Cyclohexane

Concen: 0.002 ppbv

RT: 3.829 min Scan# 1156

Delta R.T. -0.055 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

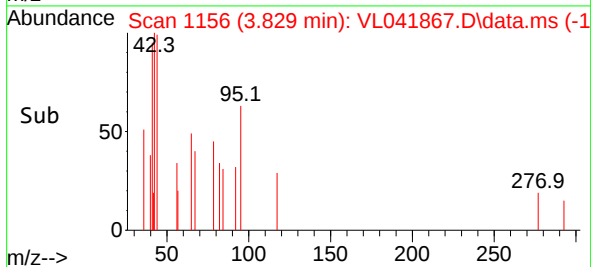
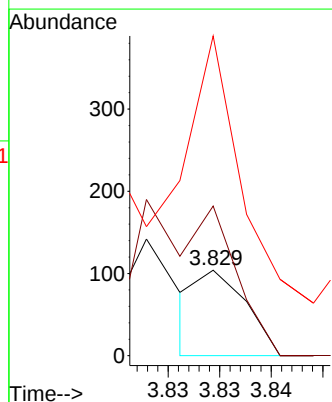
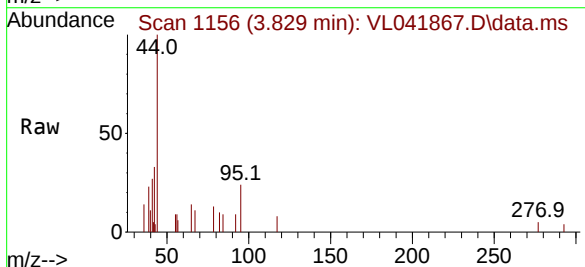
Tgt Ion: 84 Resp: 33

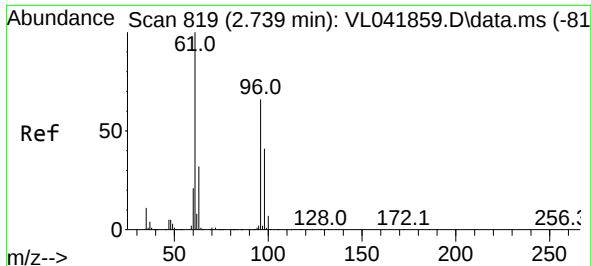
Ion Ratio Lower Upper

84 100

56 0.0 100.7 151.1#

41 1457.6 62.8 94.2#

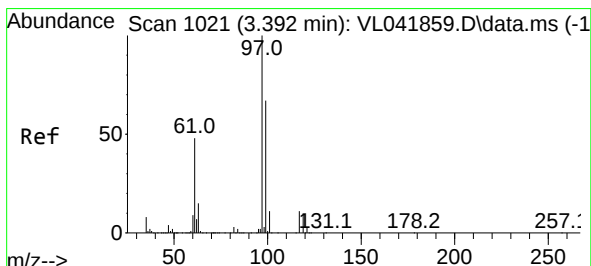
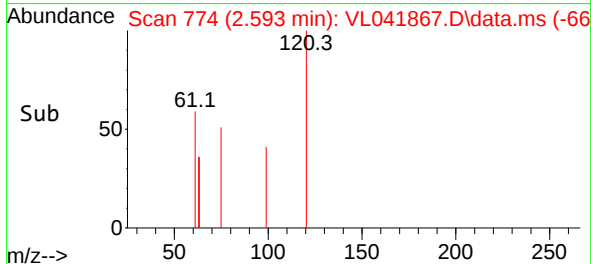
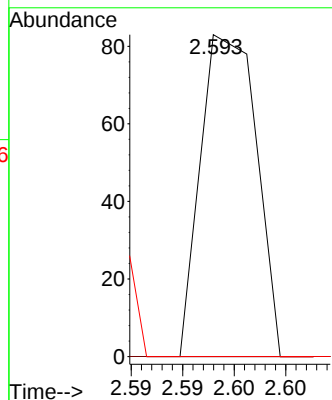
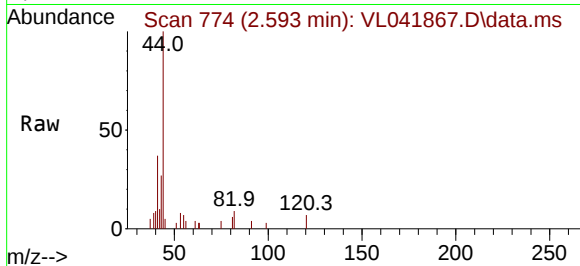




#31
 cis-1,2-Dichloroethene
 Concen: 0.001 ppbv
 RT: 2.593 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

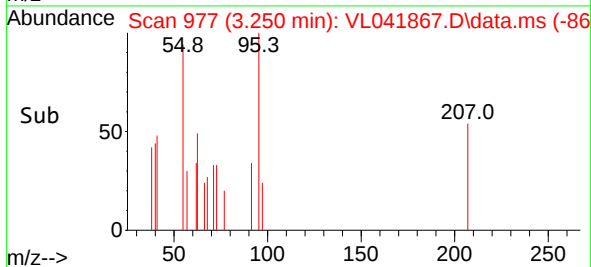
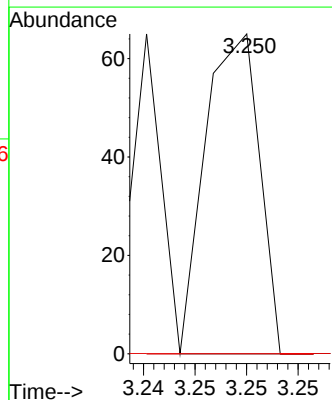
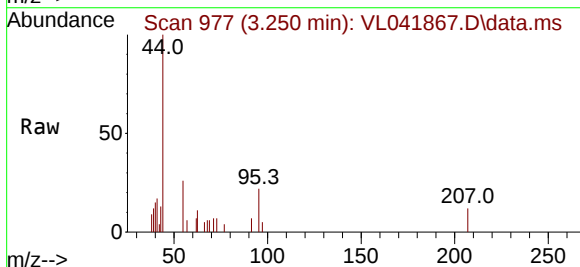
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

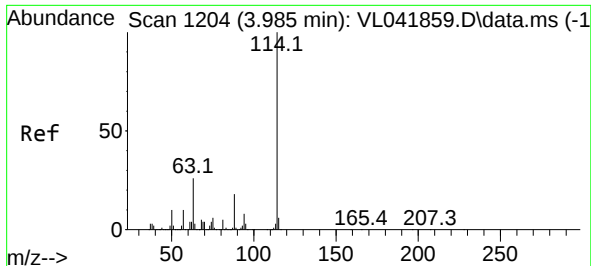
Tgt Ion: 61 Resp: 31
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.250 min Scan# 977
 Delta R.T. -0.142 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 97 Resp: 24
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 50.0 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

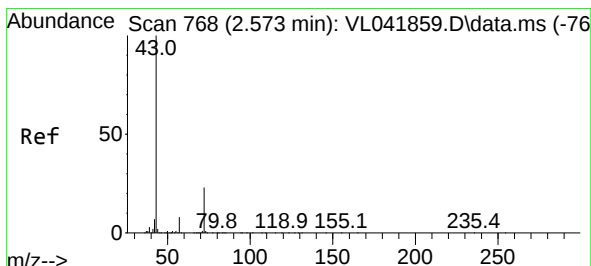
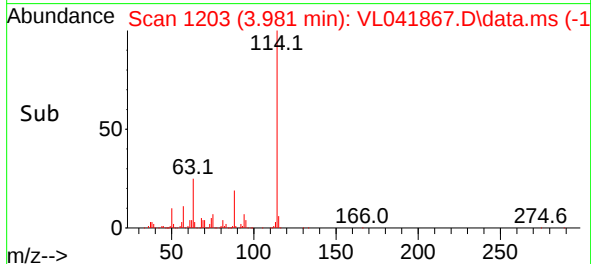
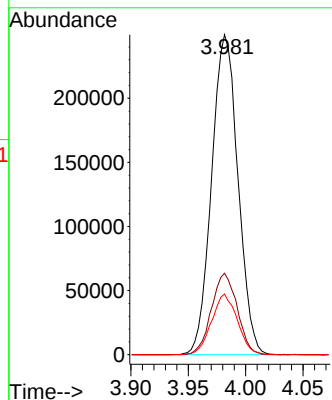
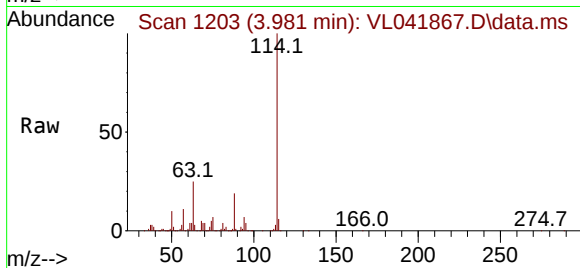
Tgt Ion:114 Resp: 397872

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 18.6 14.6 21.8



#34

2-Butanone

Concen: 0.009 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.003 min

Lab File: VL041867.D

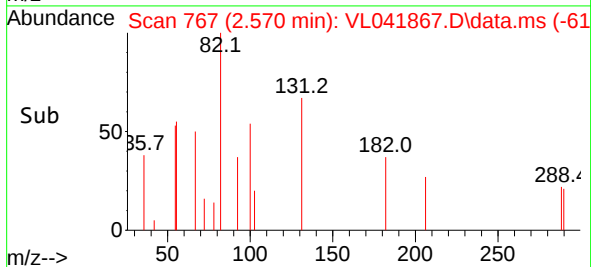
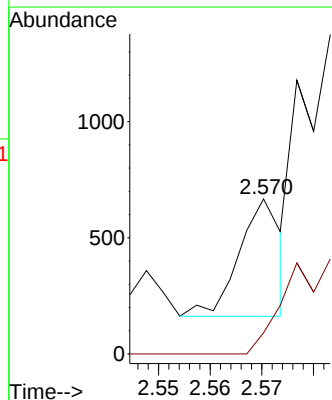
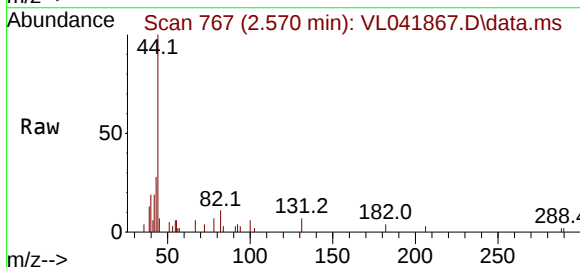
Acq: 09 Jan 2025 16:00

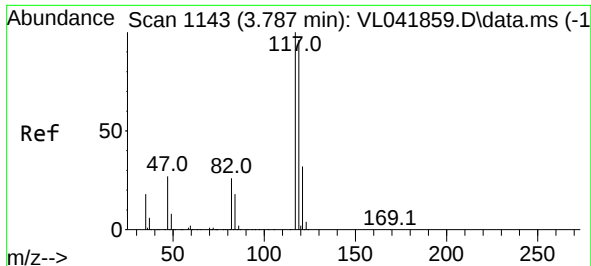
Tgt Ion: 43 Resp: 284

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#

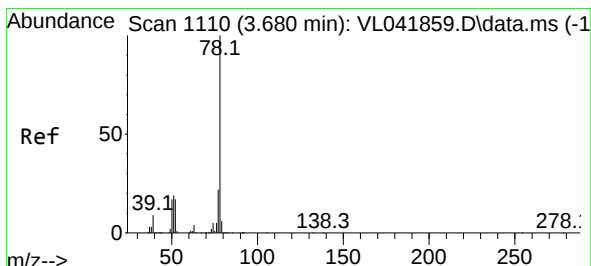
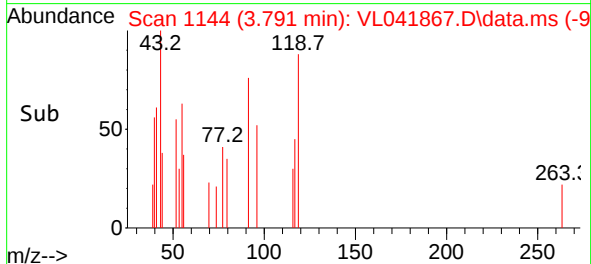
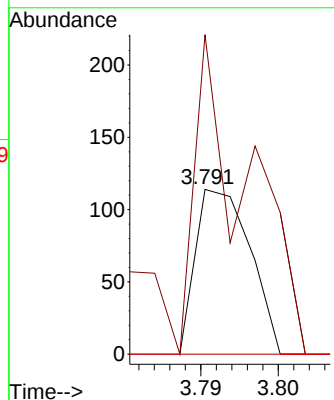
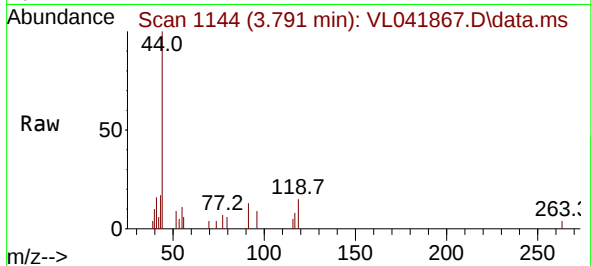




#35
Carbon Tetrachloride
Concen: 0.002 ppbv
RT: 3.791 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

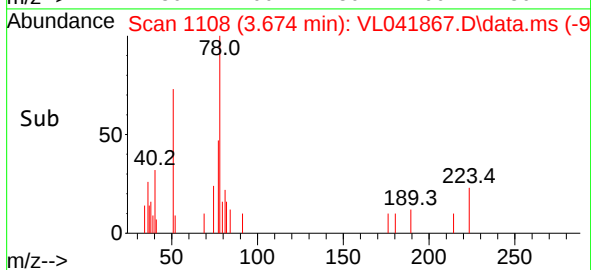
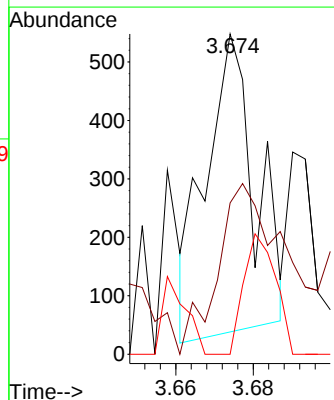
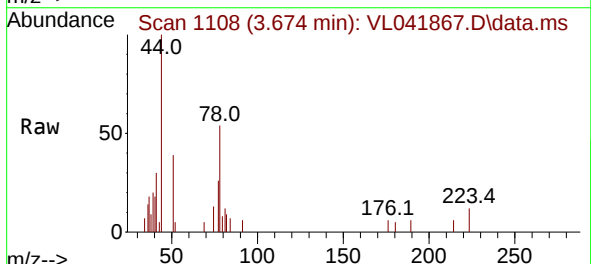
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

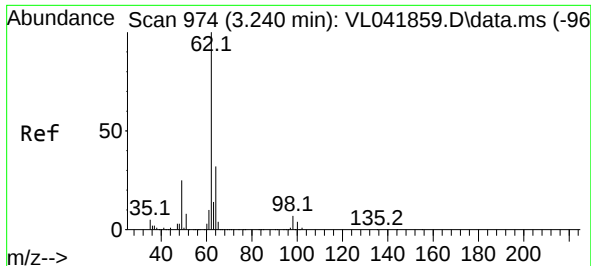
Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 193.9 76.9 115.3#
121 0.0 25.9 38.9#



#36
Benzene
Concen: 0.010 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 78 Resp: 451
Ion Ratio Lower Upper
78 100
77 61.5 17.9 26.9#
50 0.0 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.003 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

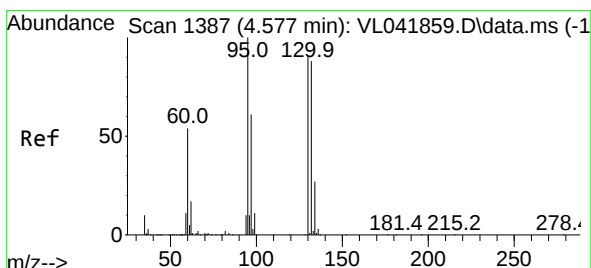
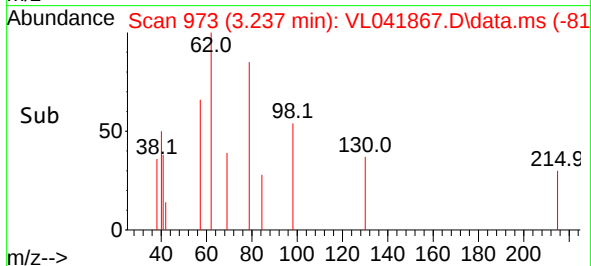
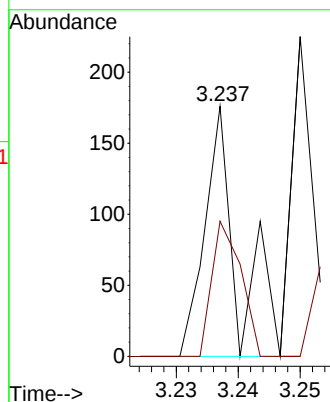
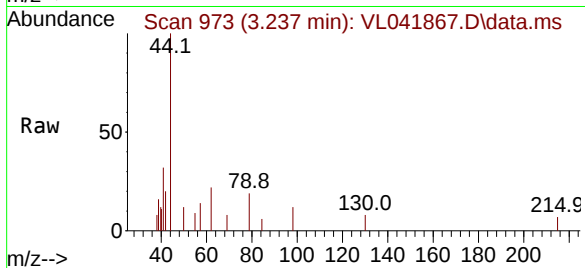
VL0109ABL01

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

62 100

98 90.8 5.6 8.4#



#38

Trichloroethene

Concen: 0.003 ppbv

RT: 4.600 min Scan# 1394

Delta R.T. 0.023 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Tgt Ion:130 Resp: 51

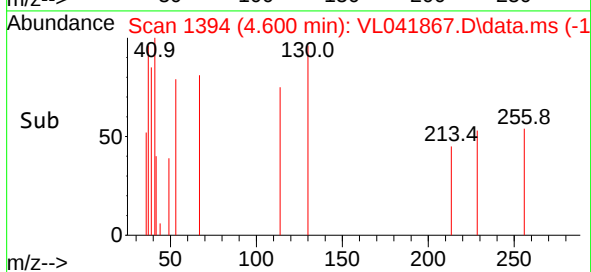
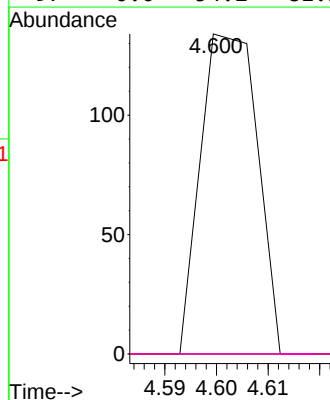
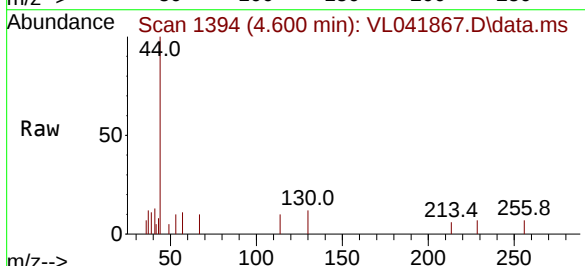
Ion Ratio Lower Upper

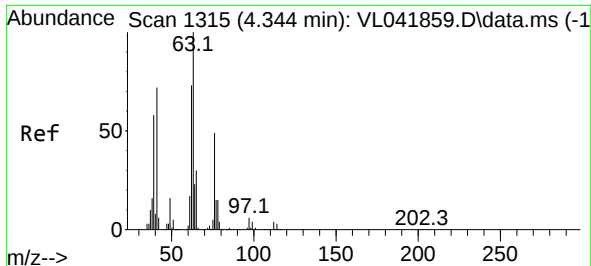
130 100

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: 6.031 ppbv

RT: 3.981 min Scan# 11

Delta R.T. -0.362 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

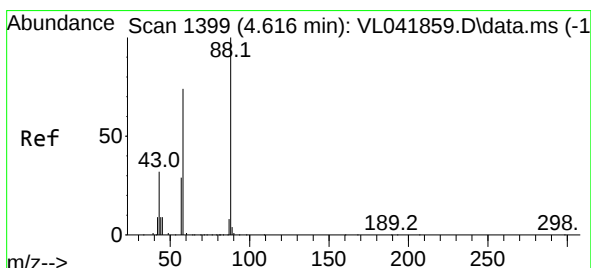
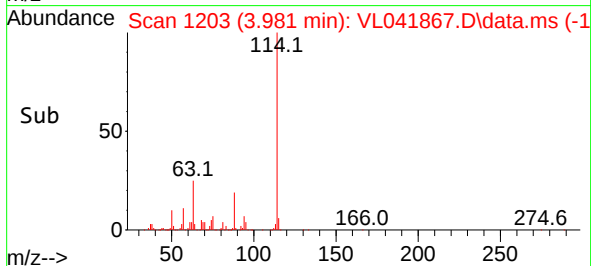
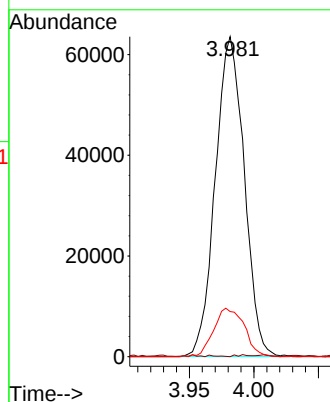
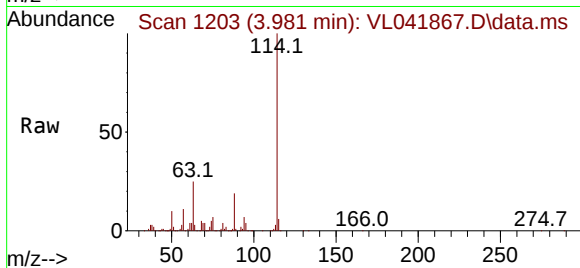
Tgt Ion: 63 Resp: 99030

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 14.1 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 4.655 min Scan# 1411

Delta R.T. 0.039 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Tgt Ion: 88 Resp: 28

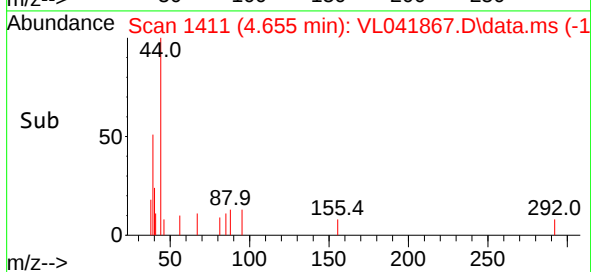
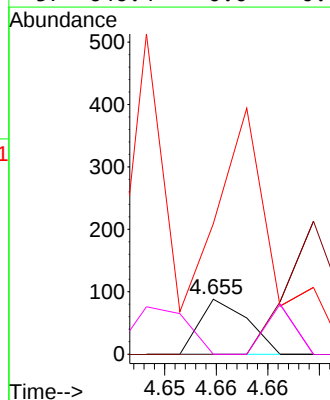
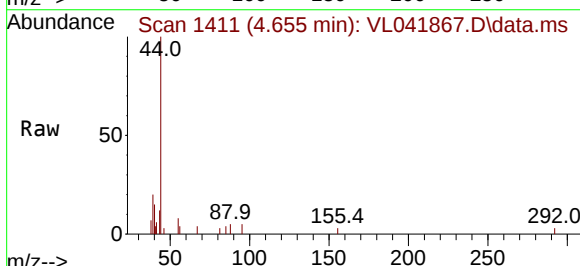
Ion Ratio Lower Upper

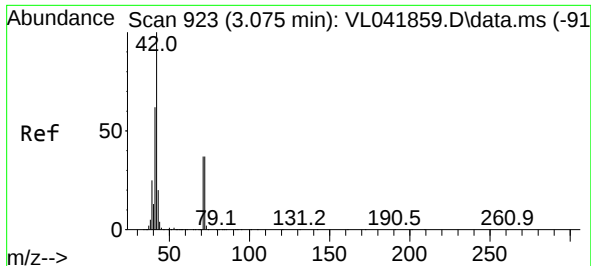
88 100

58 421.4 52.2 78.4#

43 2185.7 0.0 0.0#

57 646.4 0.0 0.0#

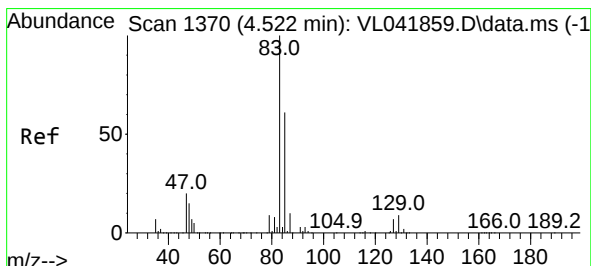
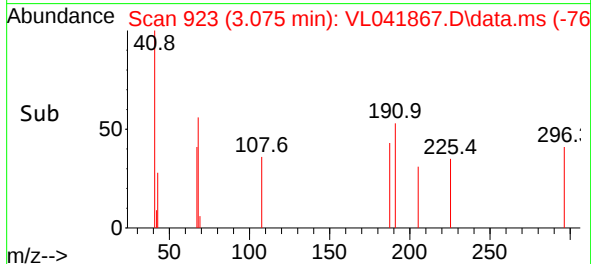
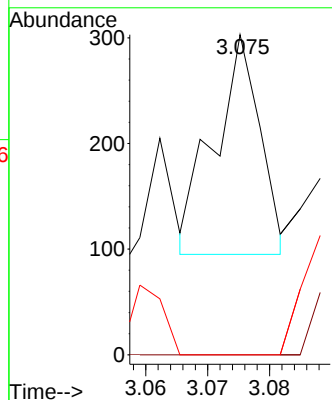
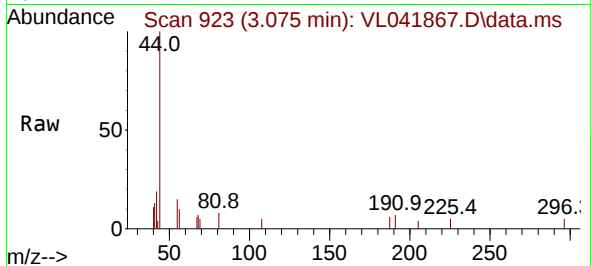




#41
Tetrahydrofuran
Concen: 0.006 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

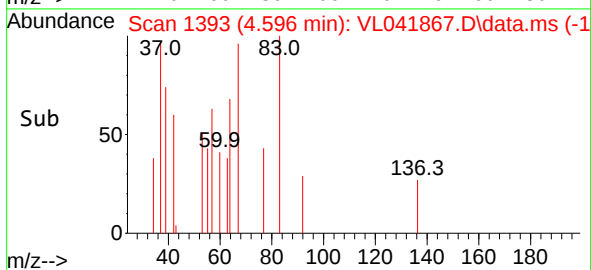
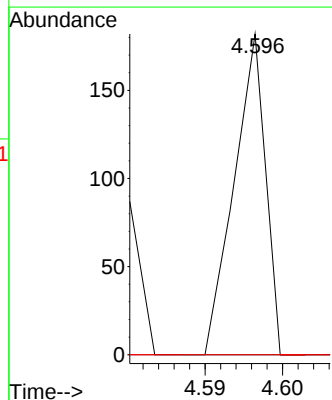
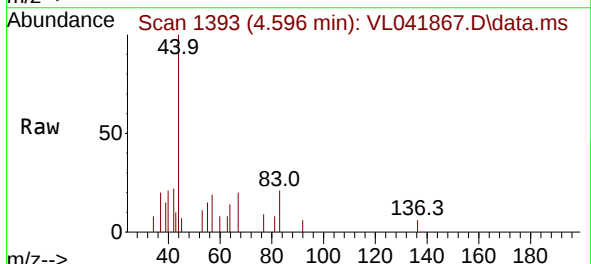
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

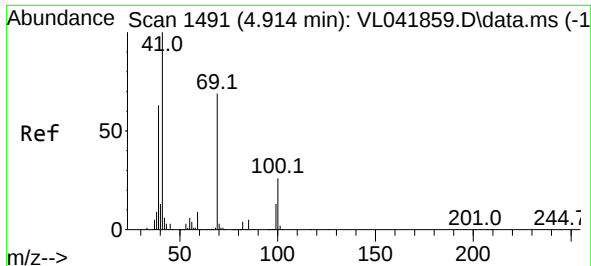
Tgt Ion: 42 Resp: 107
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.002 ppbv
RT: 4.596 min Scan# 1393
Delta R.T. 0.075 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 83 Resp: 51
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#

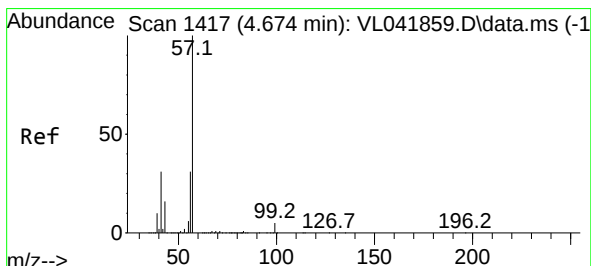
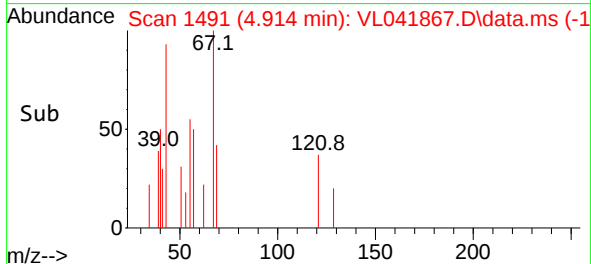
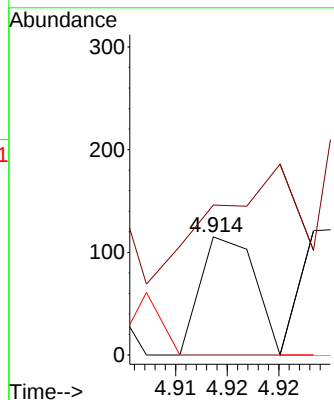
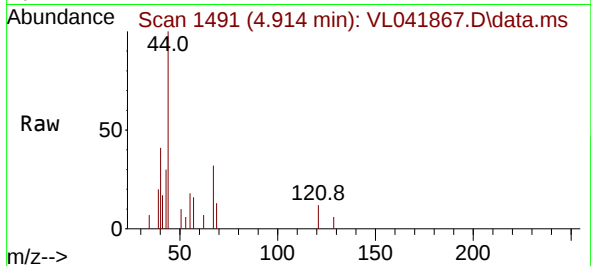




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.914 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

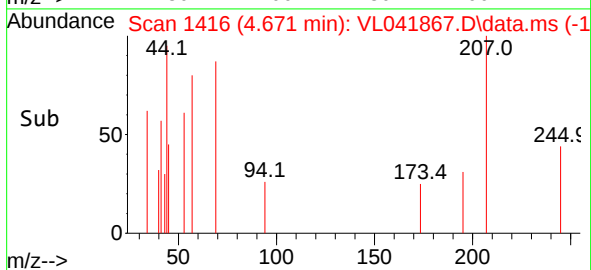
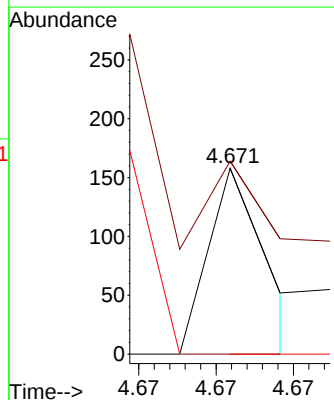
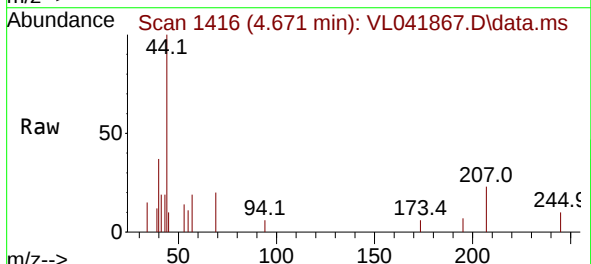
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

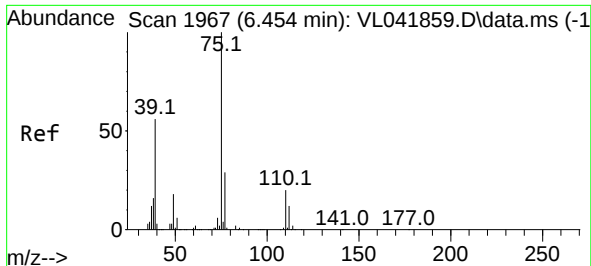
Tgt Ion: 69 Resp: 42
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.001 ppbv
RT: 4.671 min Scan# 1416
Delta R.T. -0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

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





#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 6.425 min Scan# 1967

Delta R.T. -0.029 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

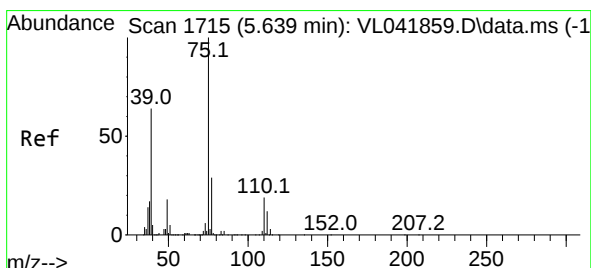
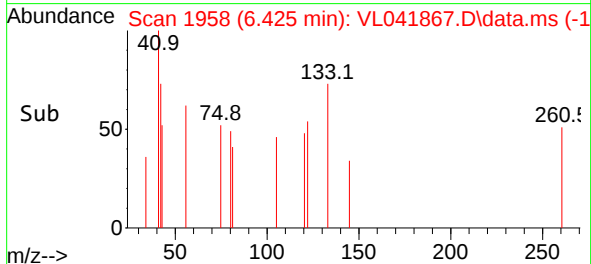
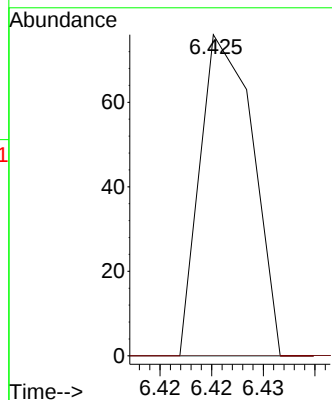
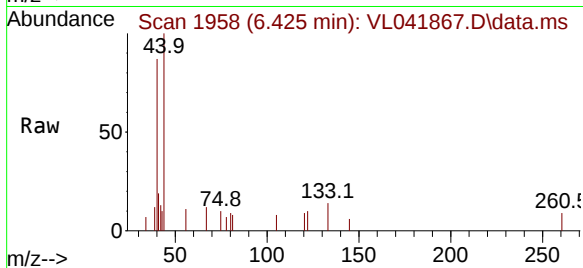
VL0109ABL01

Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

77 75.0 23.4 35.2#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 5.629 min Scan# 1712

Delta R.T. -0.010 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

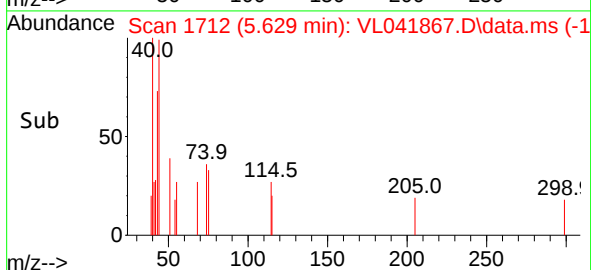
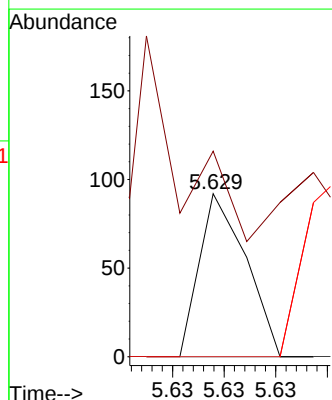
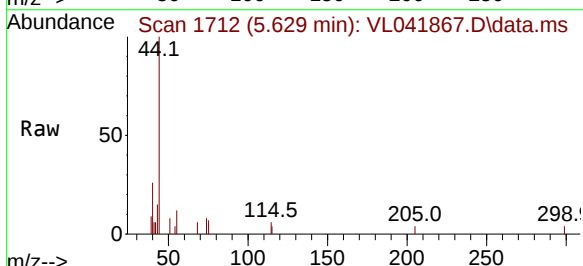
Tgt Ion: 75 Resp: 29

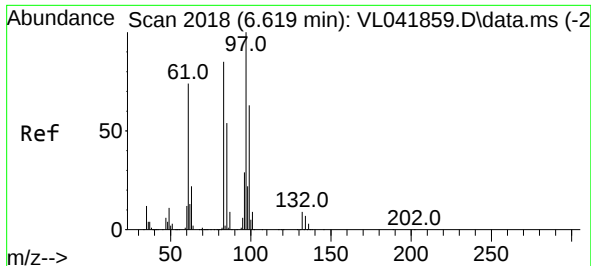
Ion Ratio Lower Upper

75 100

39 38.0 51.4 77.2#

77 0.0 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.002 ppbv

RT: 6.571 min Scan# 2018

Delta R.T. -0.048 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

Tgt Ion: 97 Resp: 27

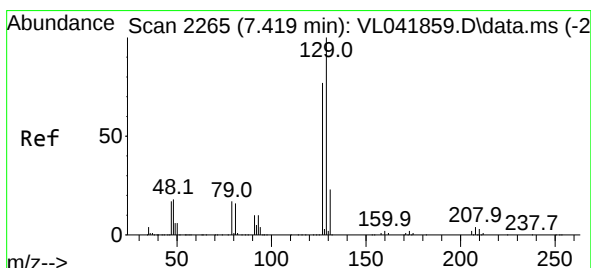
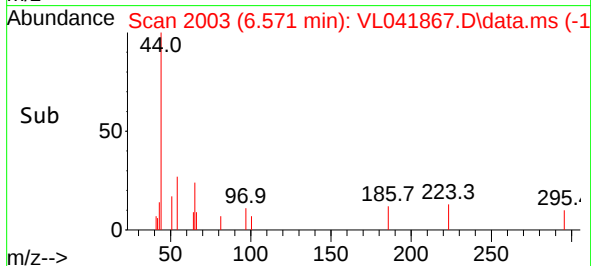
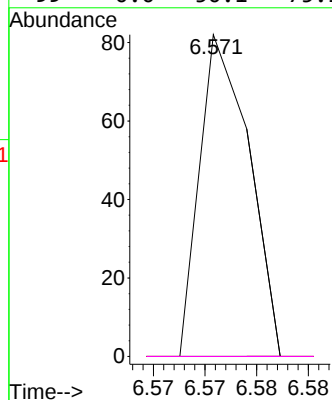
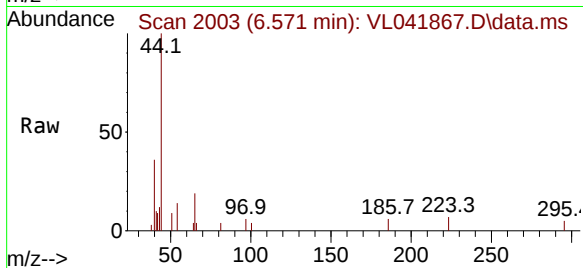
Ion Ratio Lower Upper

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: 0.002 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.010 min

Lab File: VL041867.D

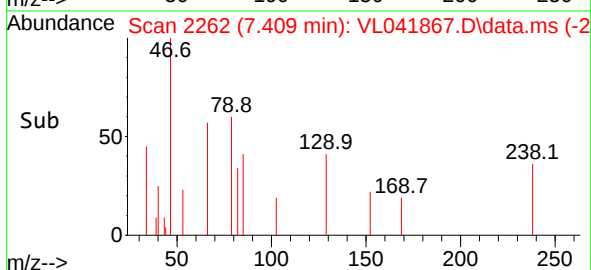
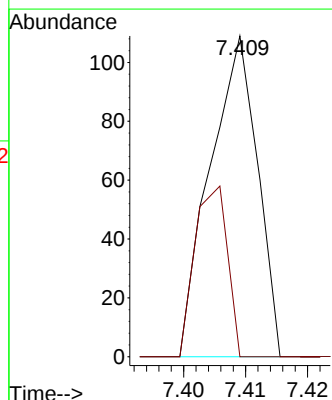
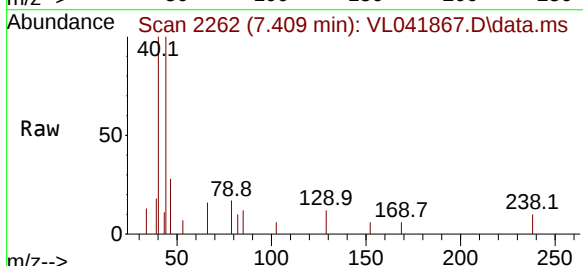
Acq: 09 Jan 2025 16:00

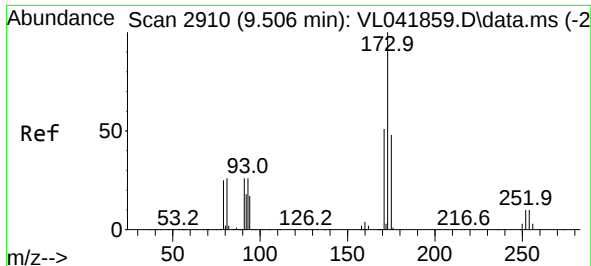
Tgt Ion: 129 Resp: 58

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#





#49

Bromoform

Concen: 0.002 ppbv

RT: 9.503 min Scan# 2910

Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

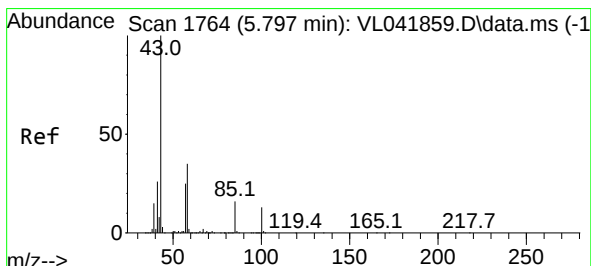
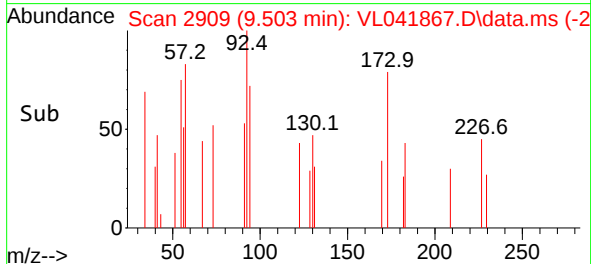
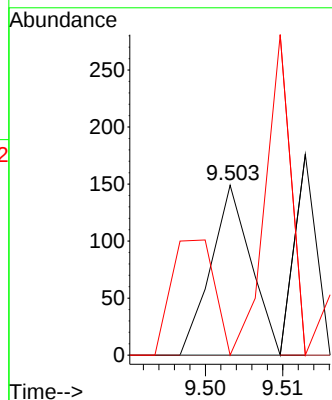
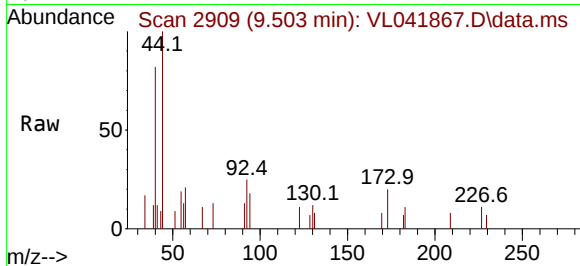
Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

Tgt Ion:173	Resp:	54
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

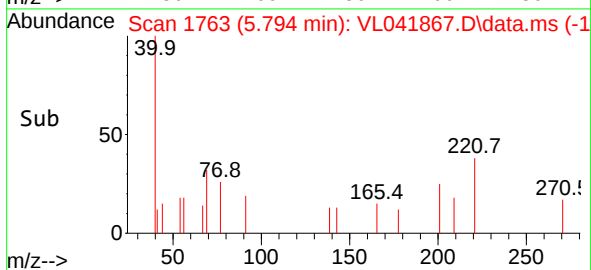
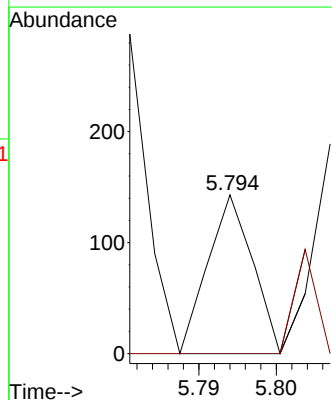
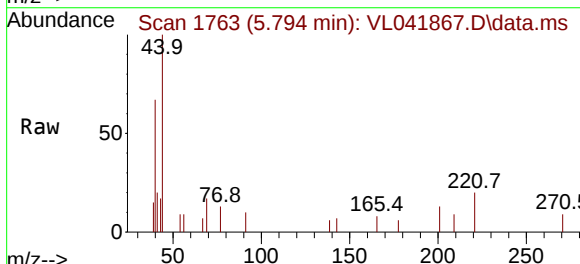
RT: 5.794 min Scan# 1763

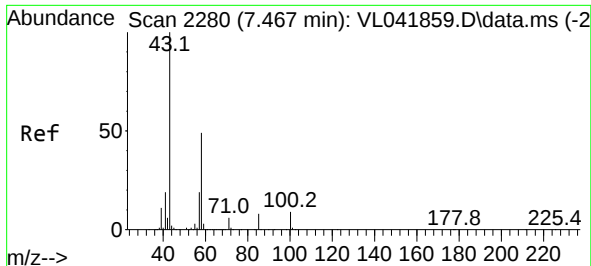
Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Tgt Ion: 43	Resp:	57
Ion	Ratio	Lower Upper
43	100	
58	0.0	29.4 44.2#

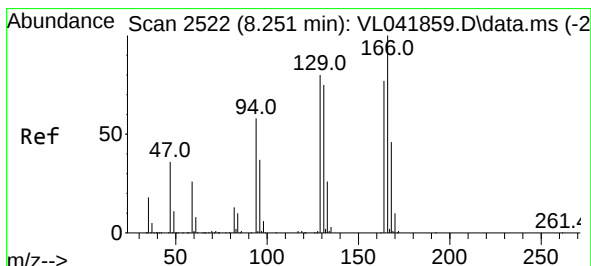
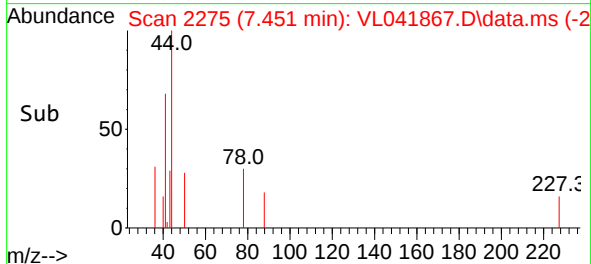
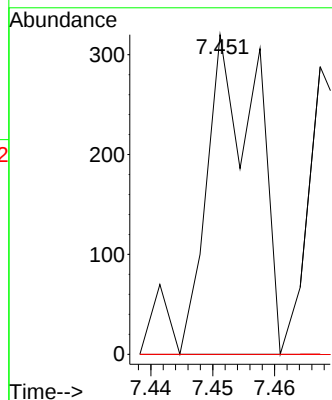
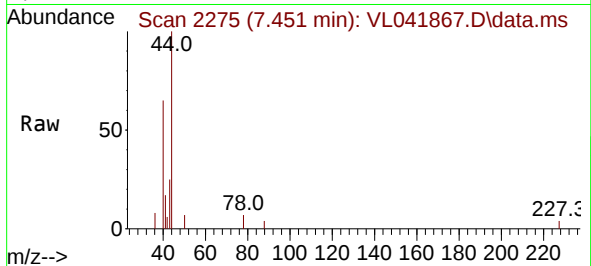




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

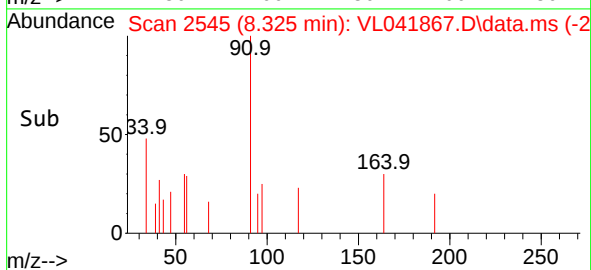
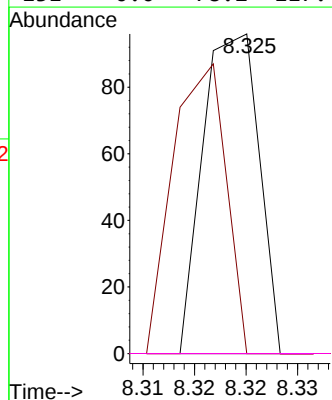
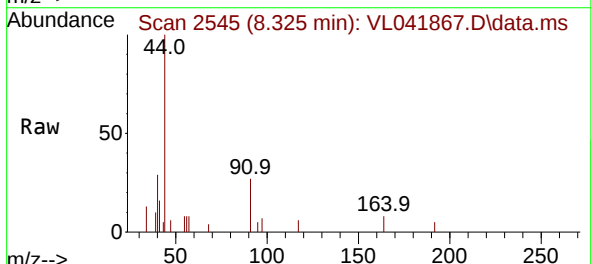
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

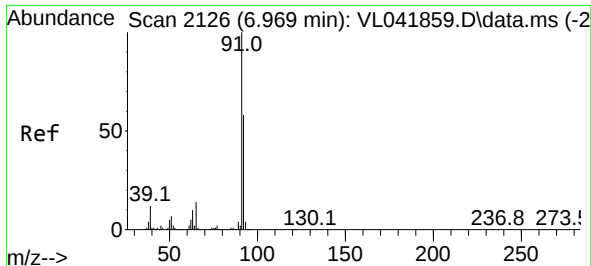
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.325 min Scan# 2545
Delta R.T. 0.075 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 164 Resp: 36
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#

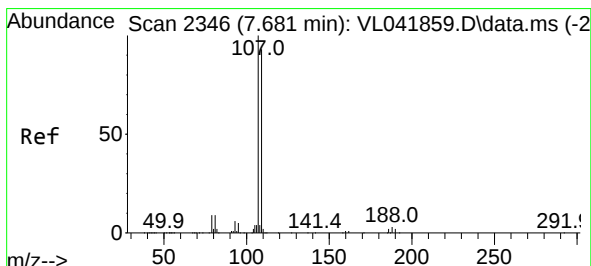
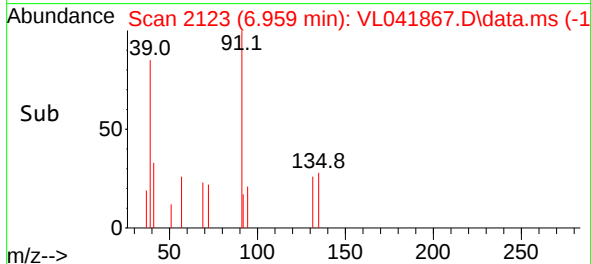
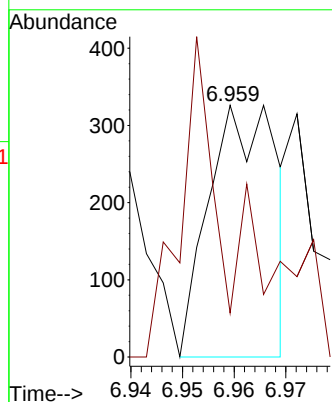
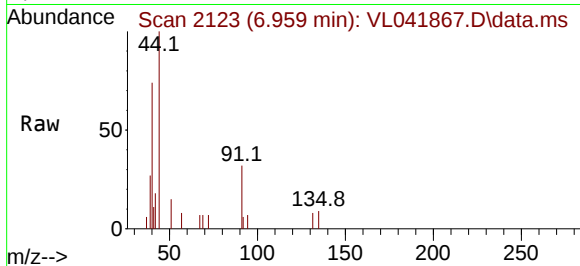




#53
Toluene
Concen: 0.005 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

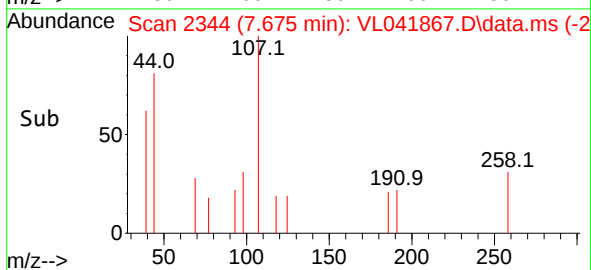
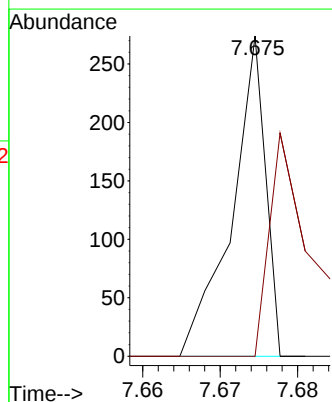
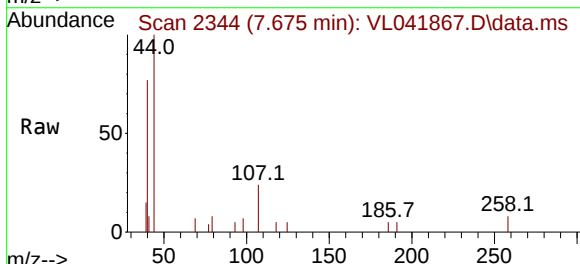
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

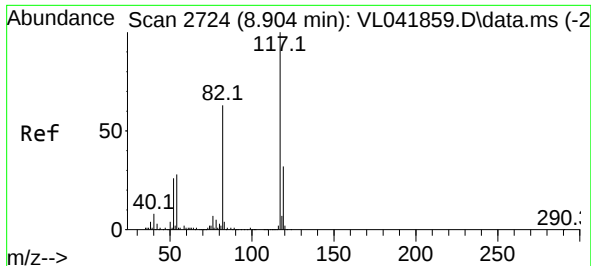
Tgt Ion: 91 Resp: 295
Ion Ratio Lower Upper
91 100
92 120.7 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.004 ppbv
RT: 7.675 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 107 Resp: 83
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#

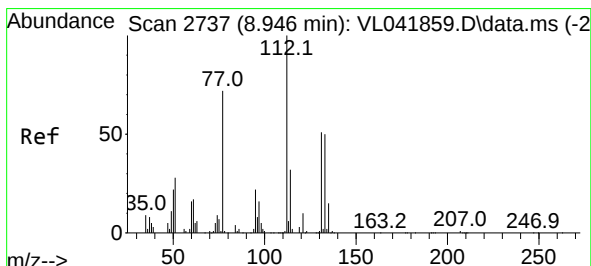
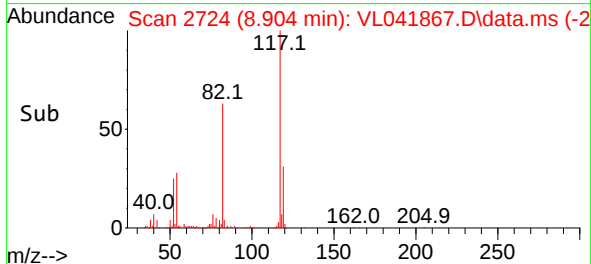
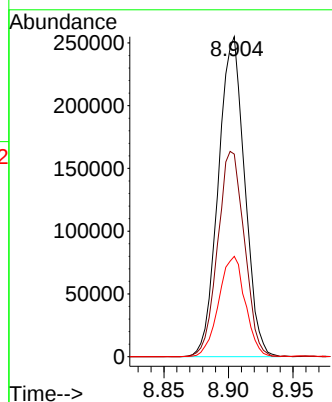
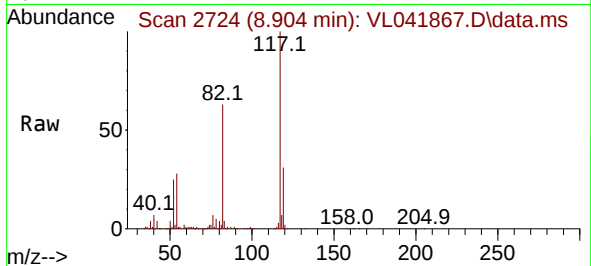




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

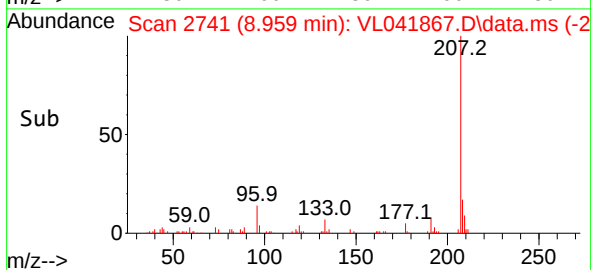
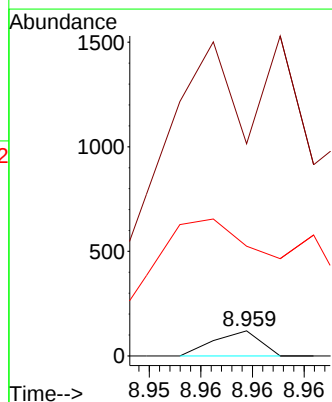
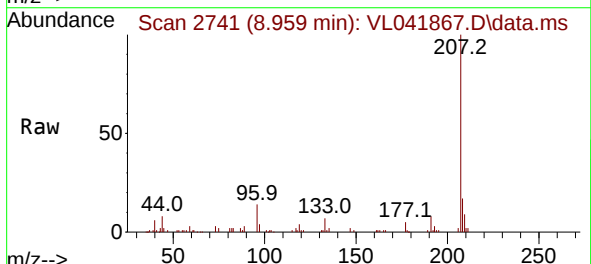
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

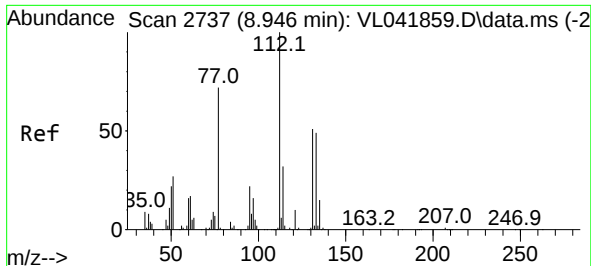
Tgt Ion:117 Resp: 361279
Ion Ratio Lower Upper
117 100
82 65.1 54.5 81.7
119 31.8 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 8.959 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion:131 Resp: 38
Ion Ratio Lower Upper
131 100
133 5836.8 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.002 ppbv

RT: 8.950 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

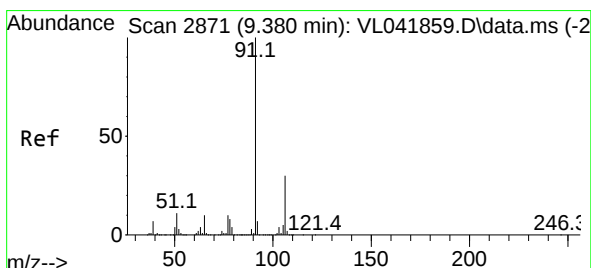
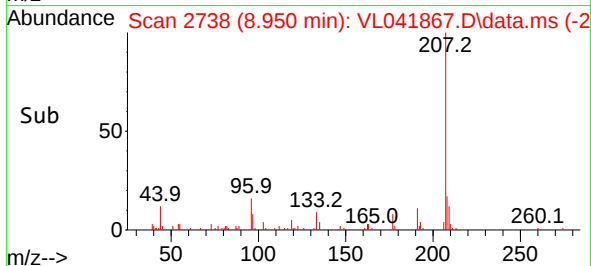
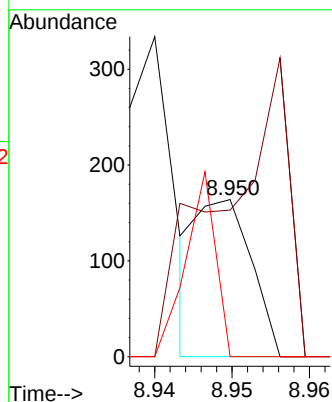
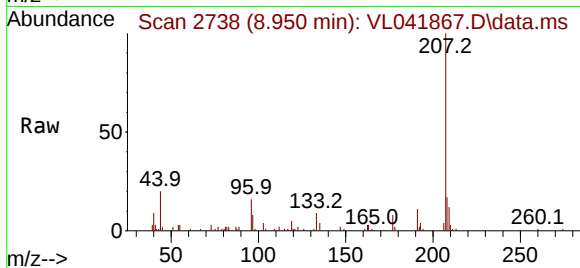
Instrument :

MSVOA_1

ClientSampleId :

VL0109ABL01

Tgt Ion:112	Resp:	80
Ion	Ratio	Lower Upper
112	100	
77	0.0	58.3 87.5#
114	0.0	28.9 35.3#



#58

Ethyl Benzene

Concen: 0.003 ppbv

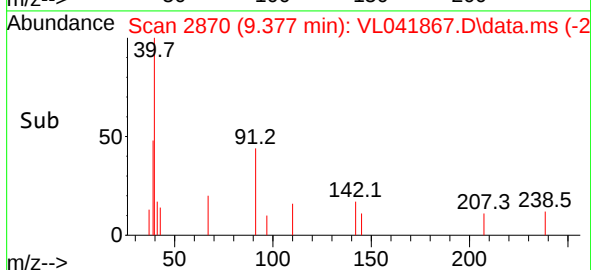
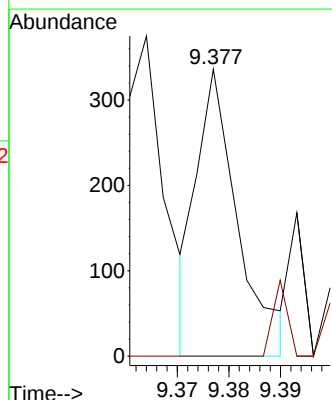
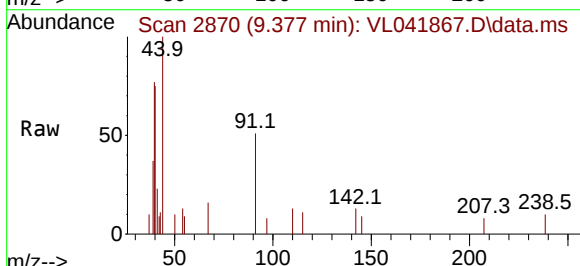
RT: 9.377 min Scan# 2870

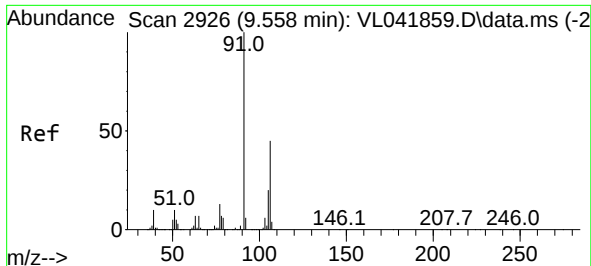
Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Tgt Ion: 91	Resp:	186
Ion	Ratio	Lower Upper
91	100	
106	0.0	24.2 36.2#

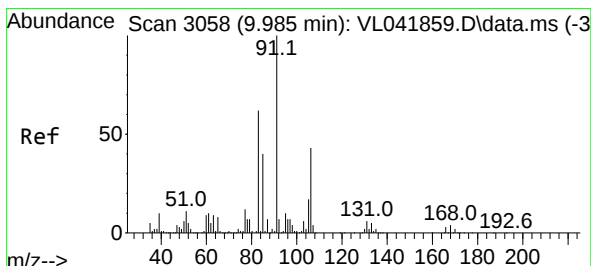
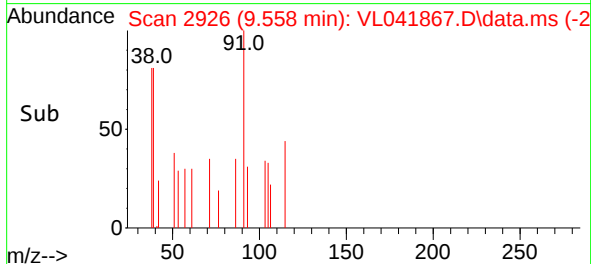
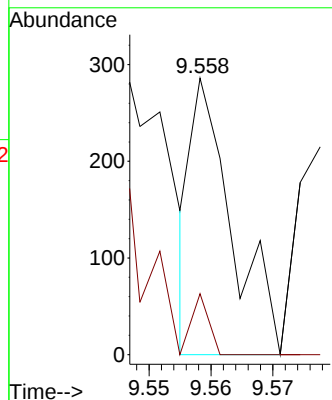
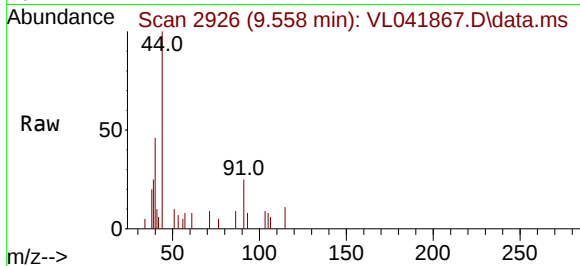




#59
m/p-Xylene
Concen: 0.002 ppbv
RT: 9.558 min Scan# 2922
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

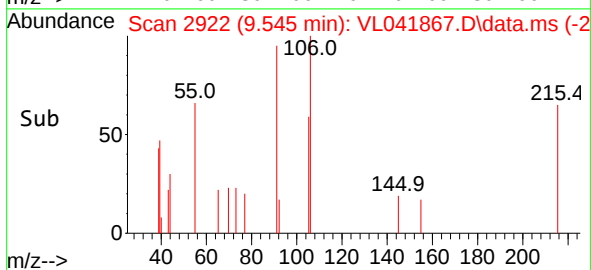
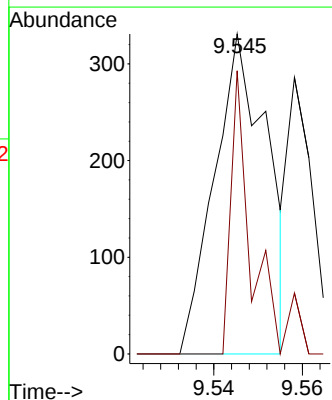
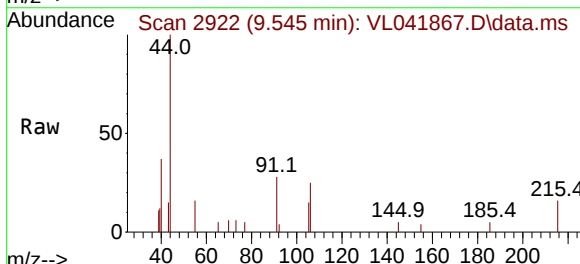
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

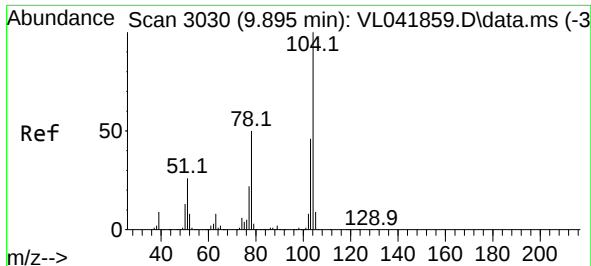
Tgt Ion: 91 Resp: 129
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.005 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. -0.440 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 91 Resp: 275
Ion Ratio Lower Upper
91 100
106 36.4 21.4 64.3

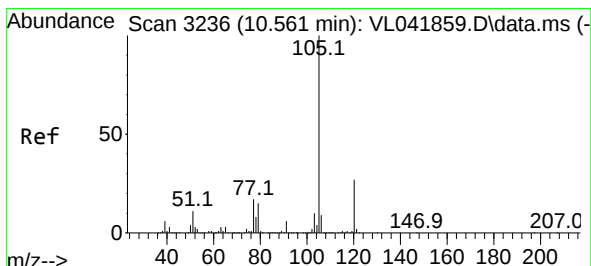
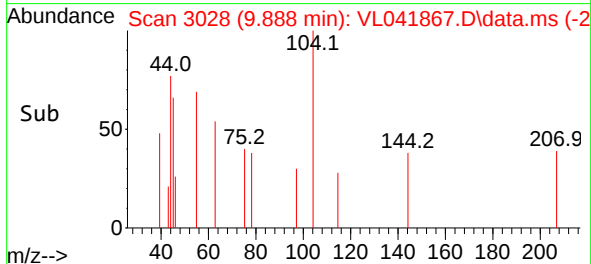
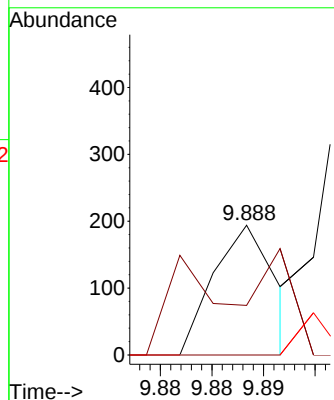
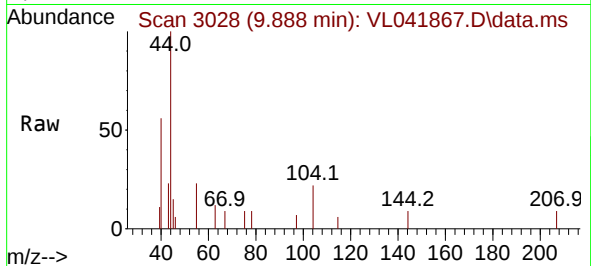




#61
Styrene
Concen: 0.003 ppbv
RT: 9.888 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

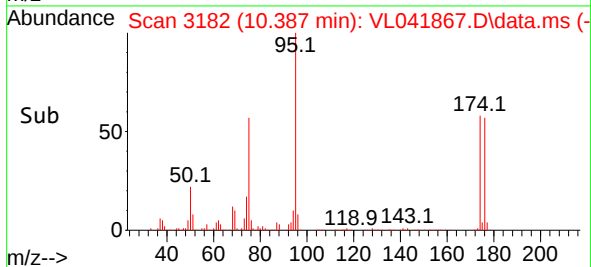
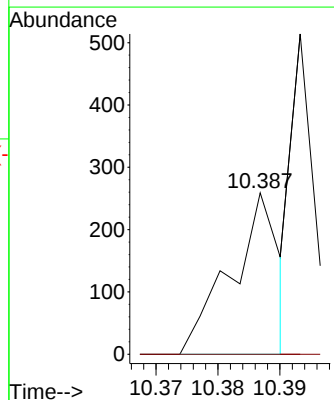
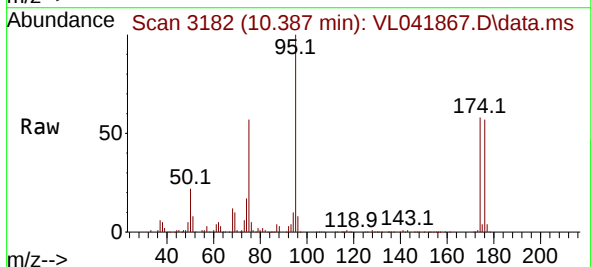
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL01

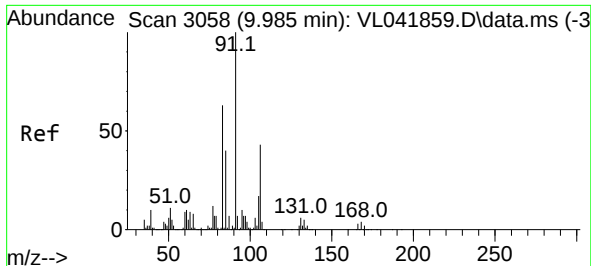
Tgt Ion:104 Resp: 81
Ion Ratio Lower Upper
104 100
78 174.1 40.7 61.1#
103 0.0 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.002 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.175 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion:105 Resp: 140
Ion Ratio Lower Upper
105 100
120 20.7 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.002 ppbv

RT: 9.982 min Scan# 3058

Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

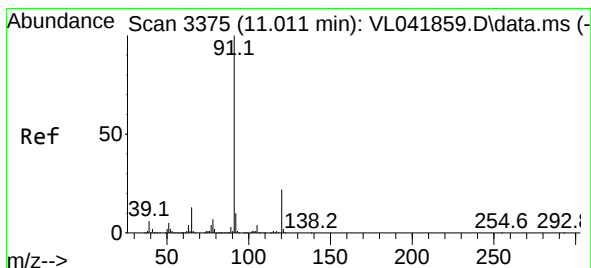
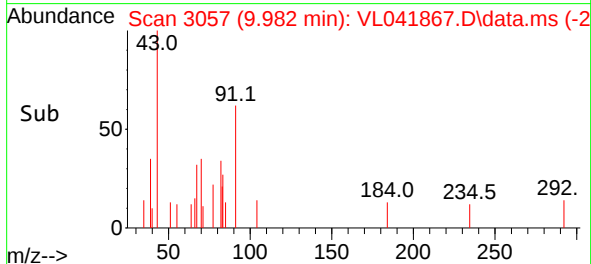
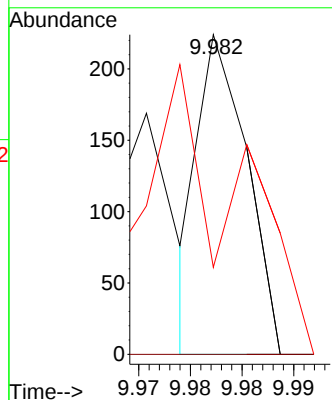
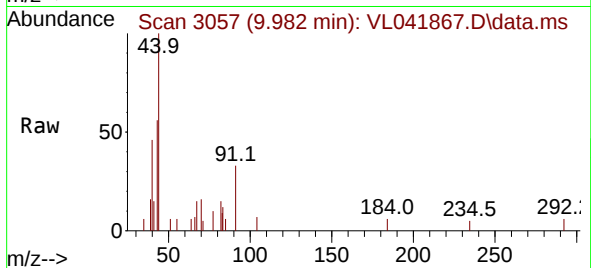
Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 194.4 32.1 96.3#



#64

n-propylbenzene

Concen: 0.002 ppbv

RT: 11.018 min Scan# 3377

Delta R.T. 0.007 min

Lab File: VL041867.D

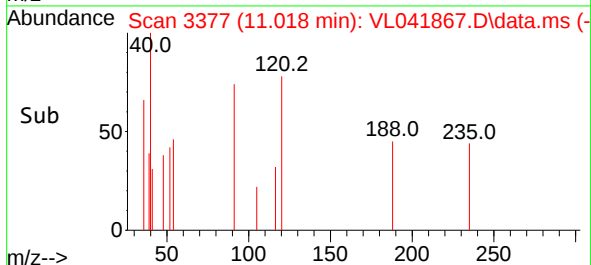
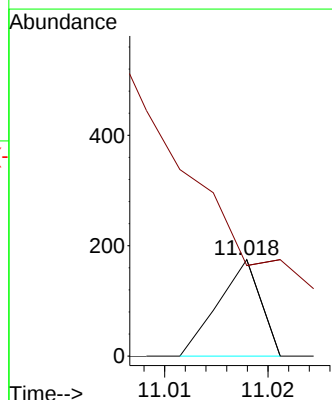
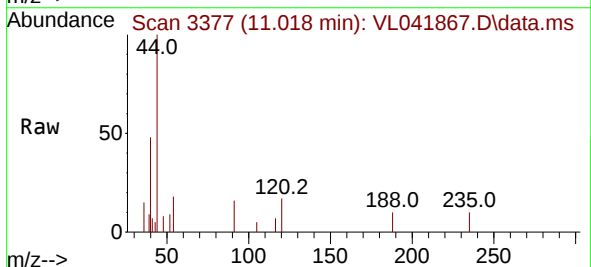
Acq: 09 Jan 2025 16:00

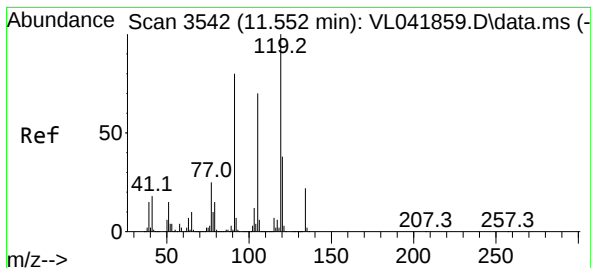
Tgt Ion:120 Resp: 50

Ion Ratio Lower Upper

120 100

91 0.0 376.9 565.3#

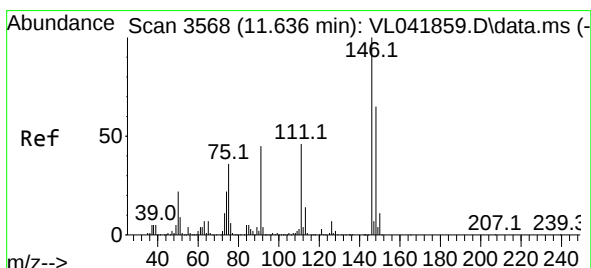
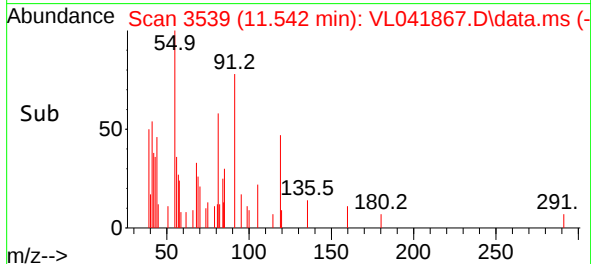
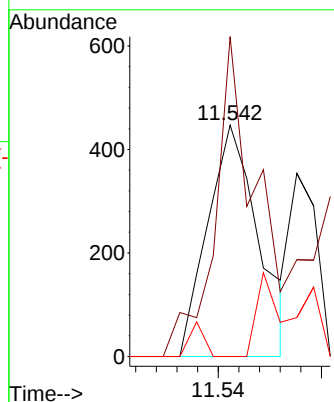
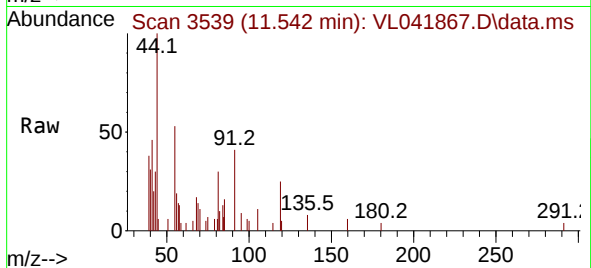




#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 11.542 min Scan# 3542
Delta R.T. -0.010 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

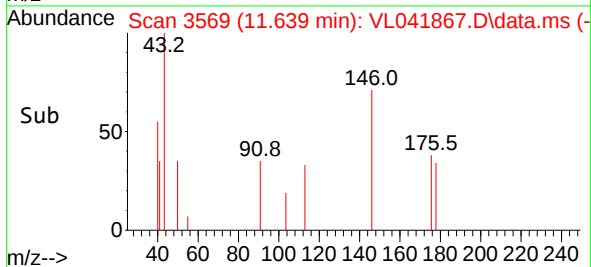
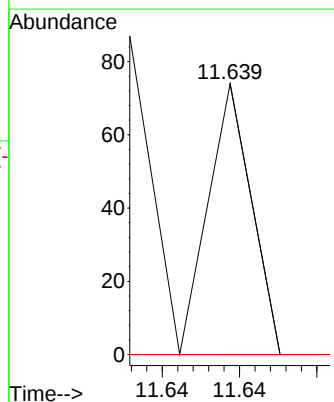
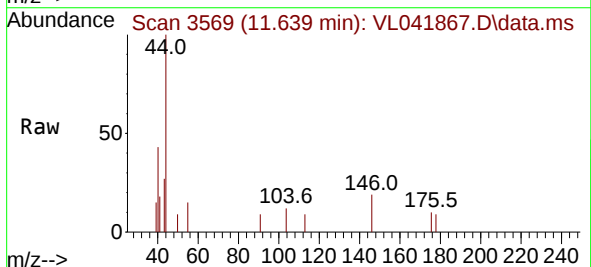
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

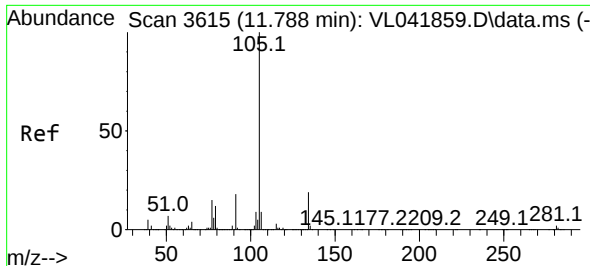
Tgt Ion:119 Resp: 306
Ion Ratio Lower Upper
119 100
91 154.2 64.6 97.0#
134 0.0 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 11.639 min Scan# 3569
Delta R.T. 0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 91 Resp: 14
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

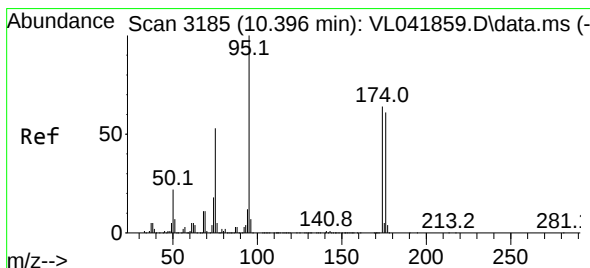
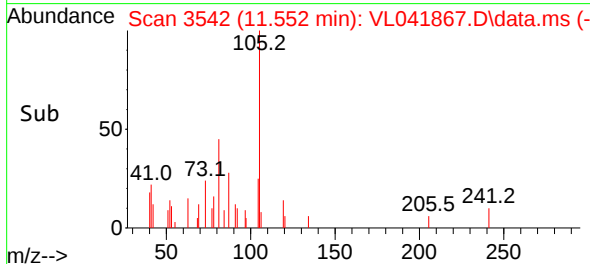
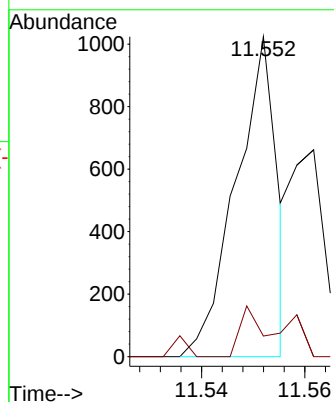
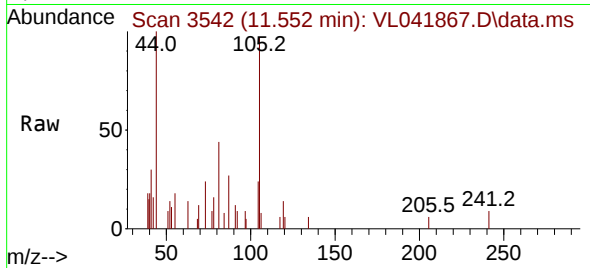




#67
 sec-Butylbenzene
 Concen: 0.005 ppbv
 RT: 11.552 min Scan# 3184
 Delta R.T. -0.236 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

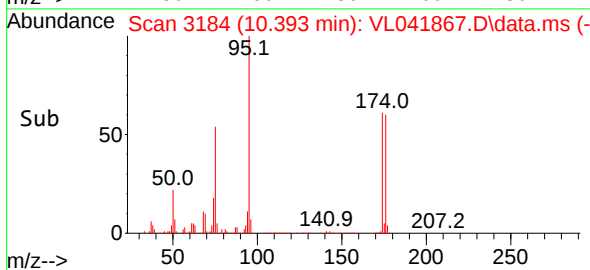
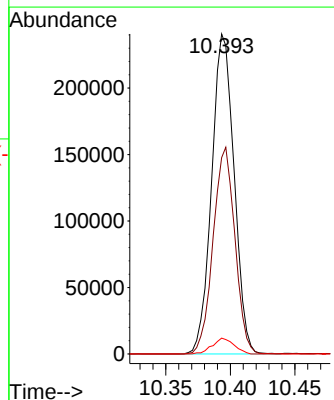
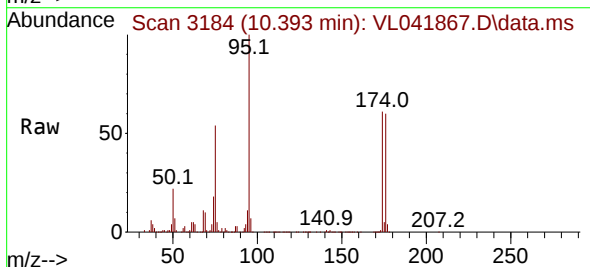
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

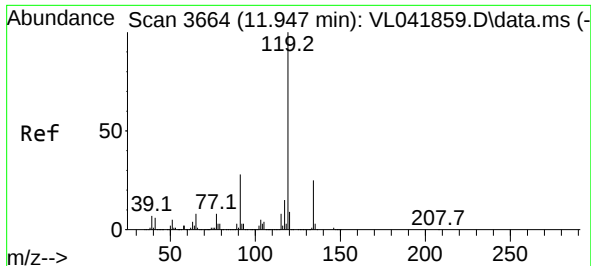
Tgt Ion:105 Resp: 568
 Ion Ratio Lower Upper
 105 100
 134 17.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.038 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 95 Resp: 290790
 Ion Ratio Lower Upper
 95 100
 174 62.8 51.1 76.7
 175 4.8 3.8 5.8

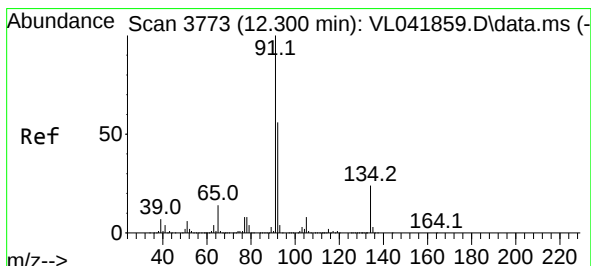
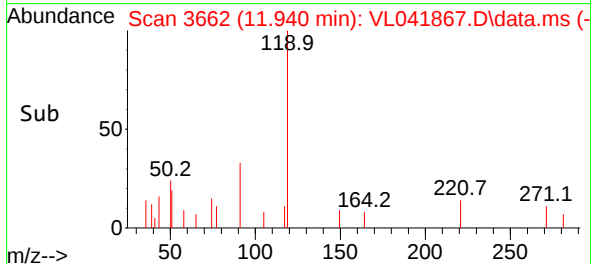
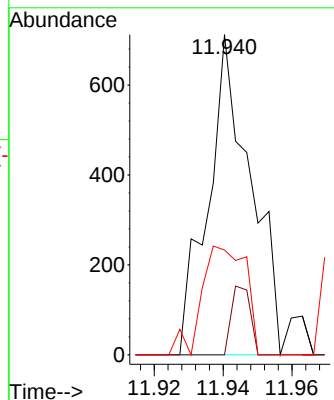
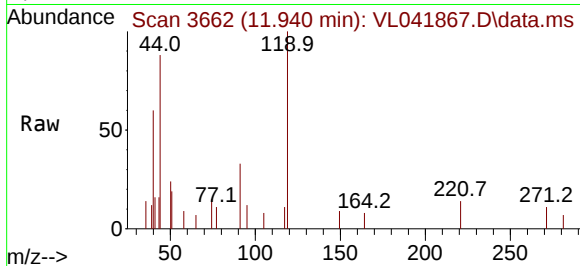




#69
 p-Isopropyltoluene
 Concen: 0.006 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. -0.006 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

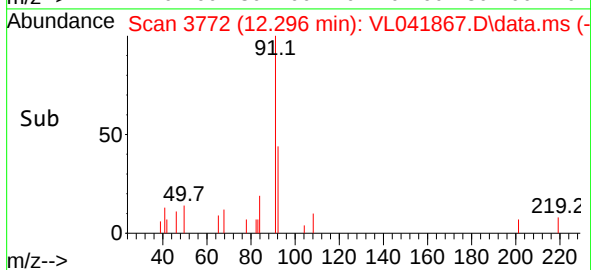
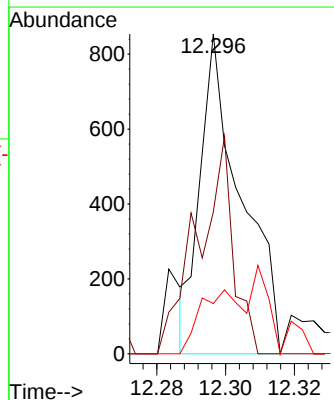
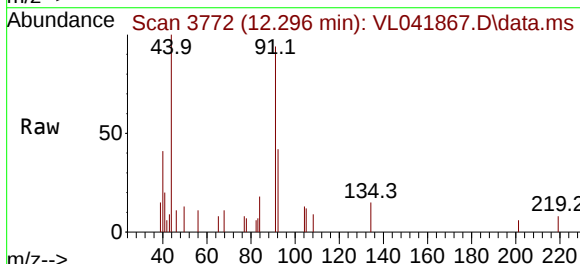
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL01

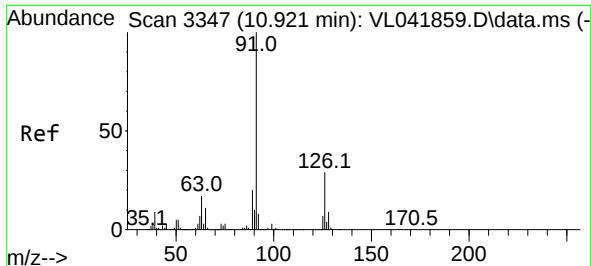
Tgt Ion:119 Resp: 608
 Ion Ratio Lower Upper
 119 100
 134 9.5 20.3 30.5#
 91 35.4 22.6 34.0#



#70
 n-Butylbenzene
 Concen: 0.007 ppbv
 RT: 12.296 min Scan# 3772
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Tgt Ion: 91 Resp: 702
 Ion Ratio Lower Upper
 91 100
 92 61.5 43.8 65.8
 134 0.0 19.3 28.9#

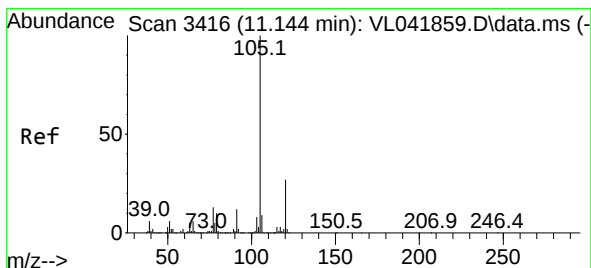
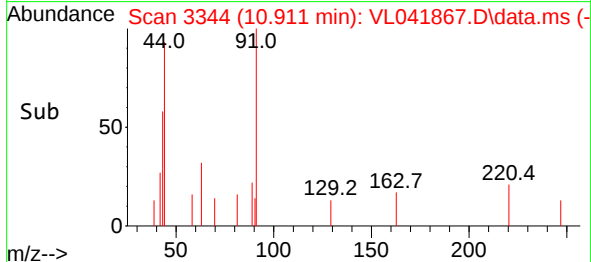
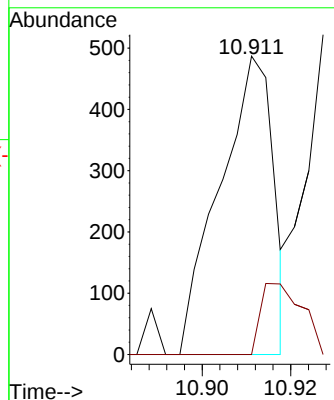
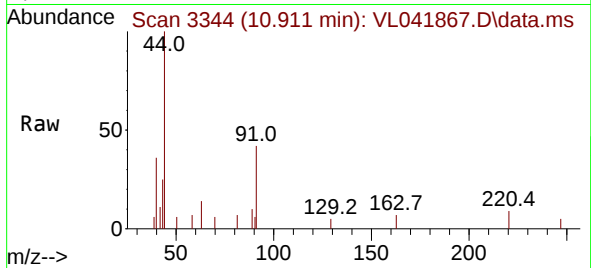




#71
2-Chlorotoluene
Concen: 0.006 ppbv
RT: 10.911 min Scan# 311
Delta R.T. -0.010 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

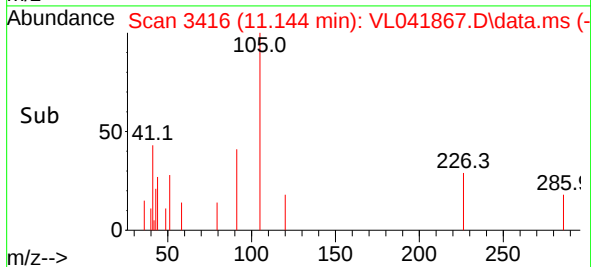
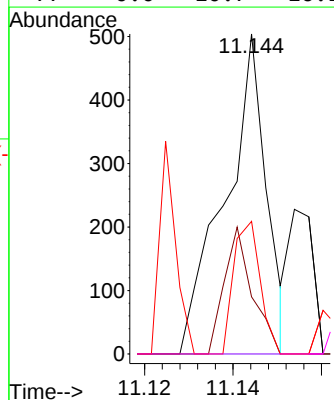
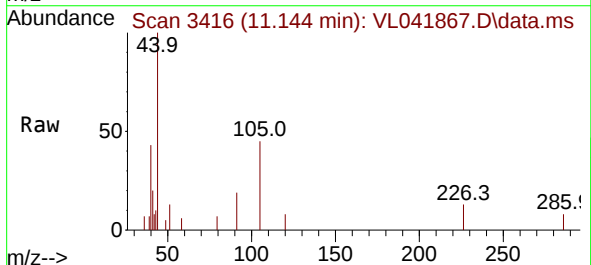
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

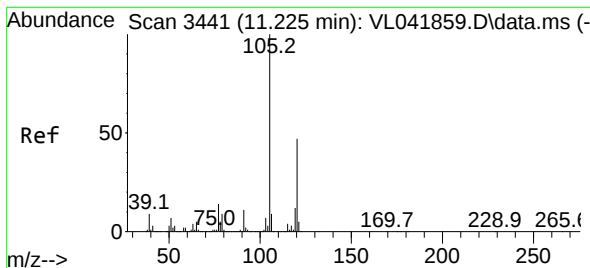
Tgt Ion: 91 Resp: 412
Ion Ratio Lower Upper
91 100
126 18.2 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.005 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 105 Resp: 327
Ion Ratio Lower Upper
105 100
120 26.9 23.5 35.3
91 59.9 9.8 14.8#
77 0.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.008 ppbv

RT: 11.219 min Scan# 3441

Delta R.T. -0.006 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_L

ClientSampleId :

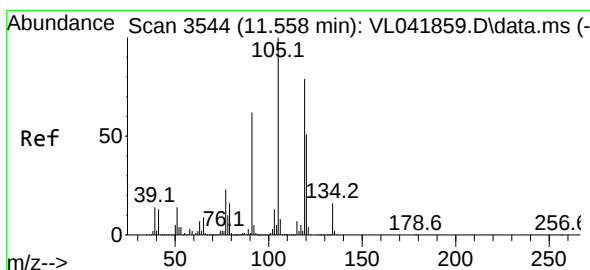
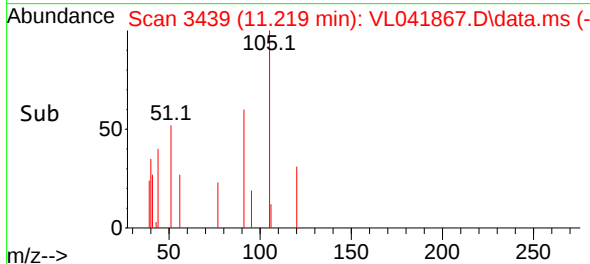
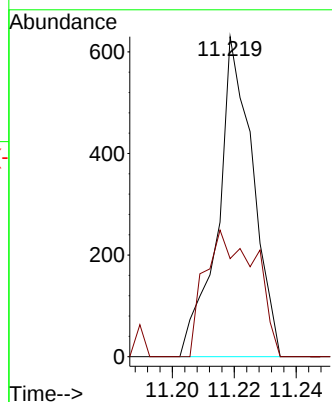
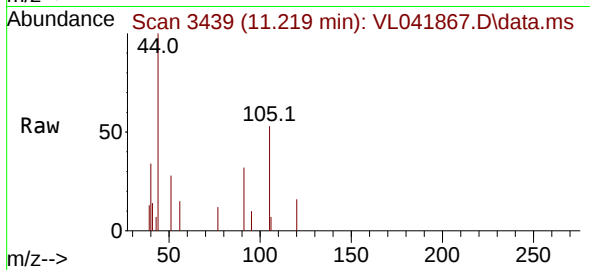
VL0109ABL01

Tgt Ion:105 Resp: 493

Ion Ratio Lower Upper

105 100

120 30.6 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 11.562 min Scan# 3545

Delta R.T. 0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Tgt Ion:105 Resp: 287

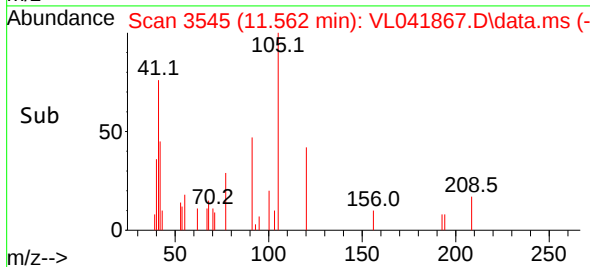
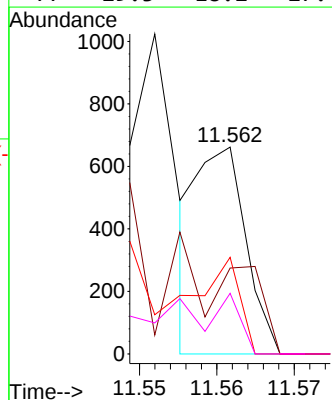
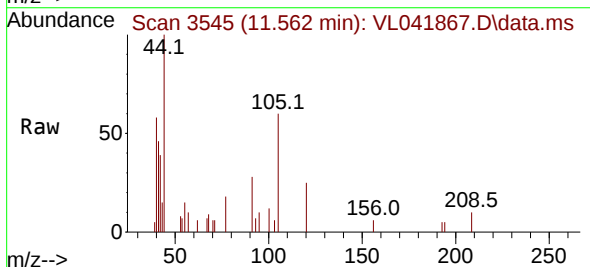
Ion Ratio Lower Upper

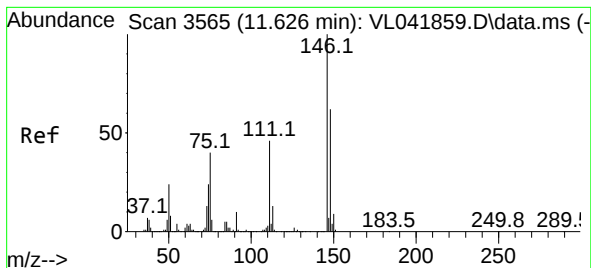
105 100

120 41.5 41.1 61.7

91 46.7 50.0 75.0#

77 29.3 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.008 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

Instrument :

MSVOA_1

ClientSampleId :

VL0109ABL01

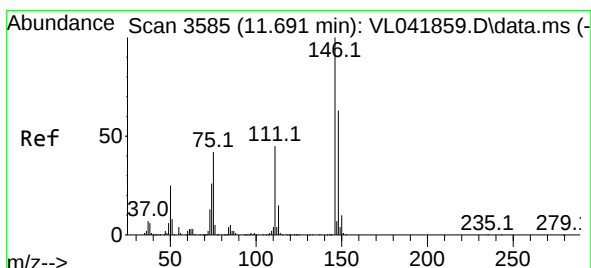
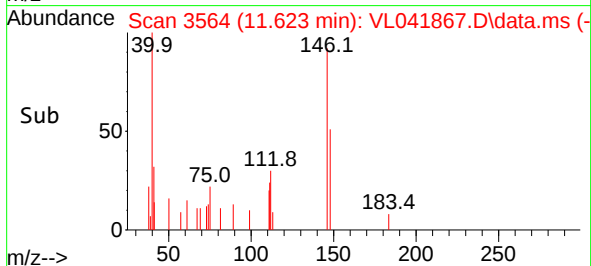
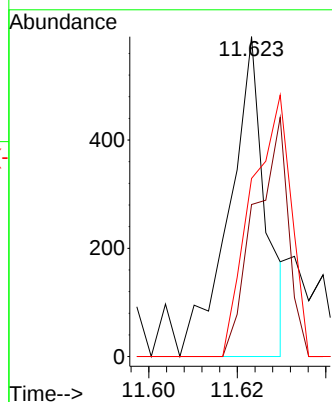
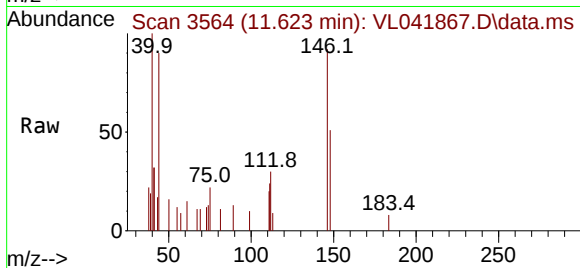
Tgt Ion:146 Resp: 337

Ion Ratio Lower Upper

146 100

111 0.0 23.2 69.5#

148 0.0 31.6 94.7#



#76

1,4-Dichlorobenzene

Concen: 0.010 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.000 min

Lab File: VL041867.D

Acq: 09 Jan 2025 16:00

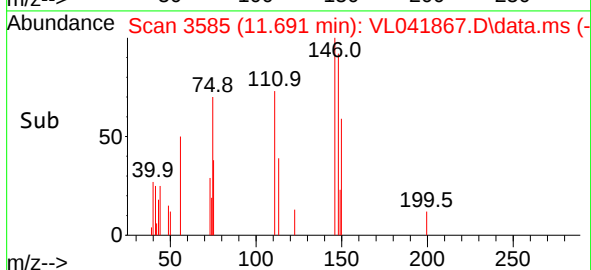
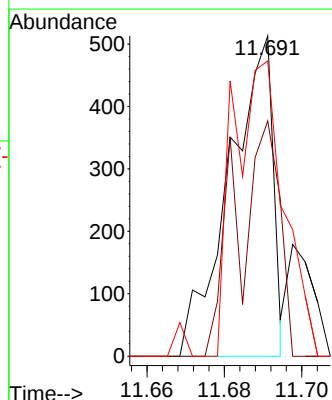
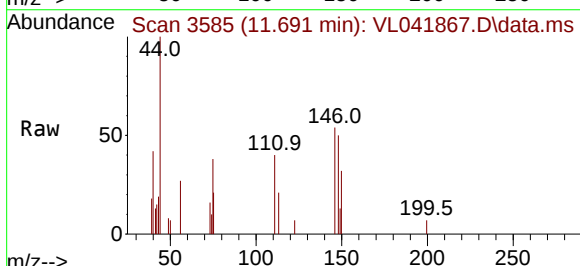
Tgt Ion:146 Resp: 402

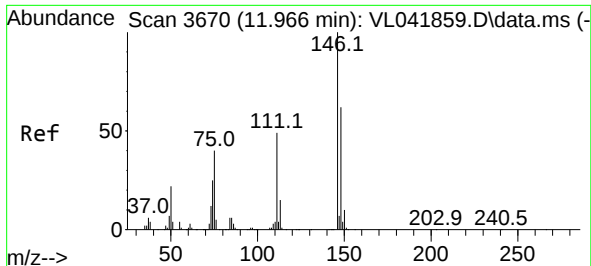
Ion Ratio Lower Upper

146 100

111 70.9 22.1 66.1#

148 109.0 31.2 93.6#

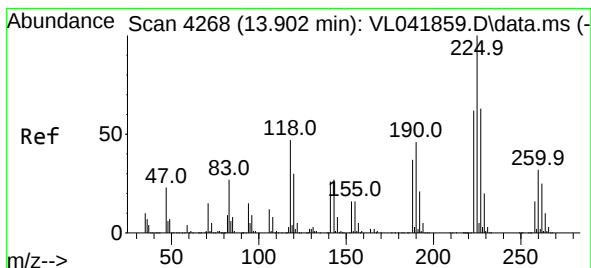
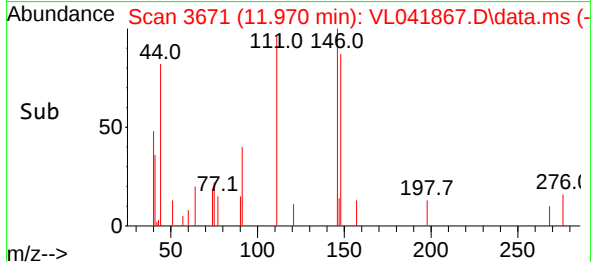
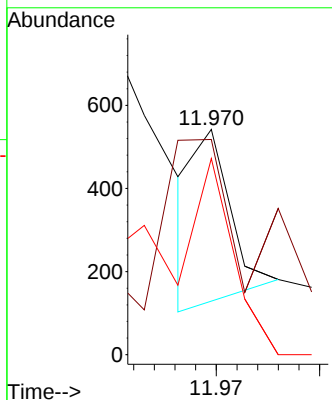
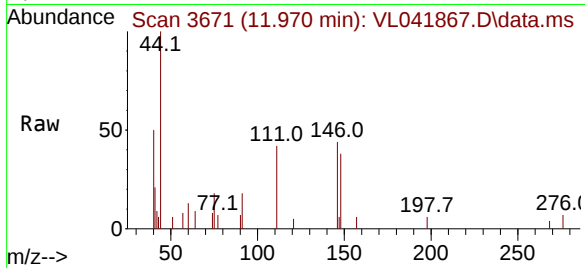




#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.970 min Scan# 3671
Delta R.T. 0.003 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

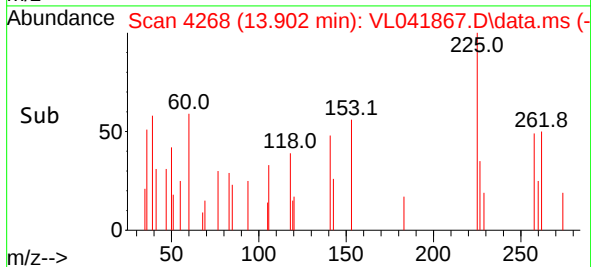
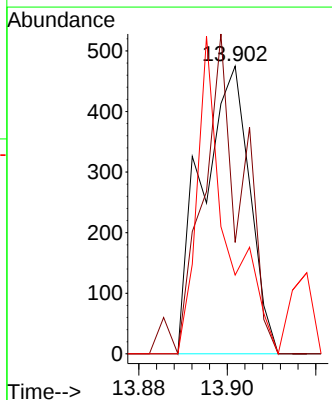
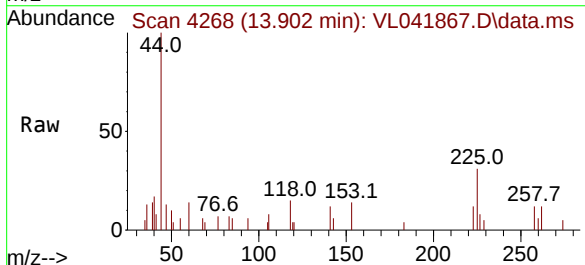
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

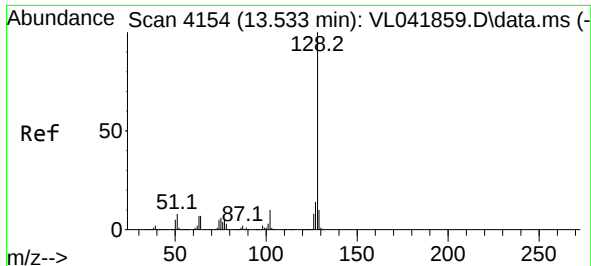
Tgt Ion:146 Resp: 99
Ion Ratio Lower Upper
146 100
111 452.5 24.1 72.3#
148 311.1 31.5 94.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.011 ppbv
RT: 13.902 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

Tgt Ion:225 Resp: 355
Ion Ratio Lower Upper
225 100
223 91.5 50.6 75.8#
227 81.7 50.9 76.3#

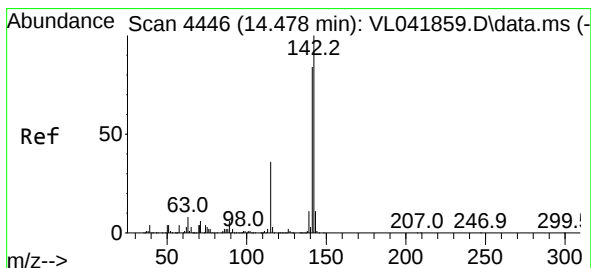
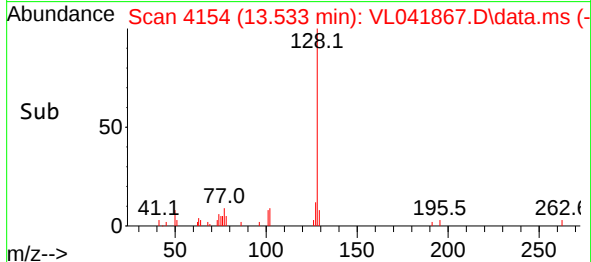
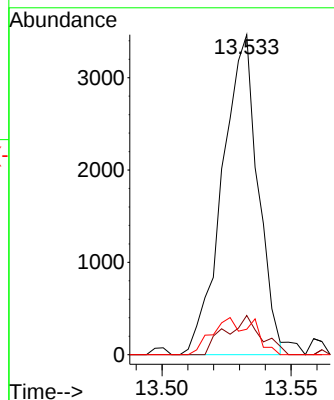
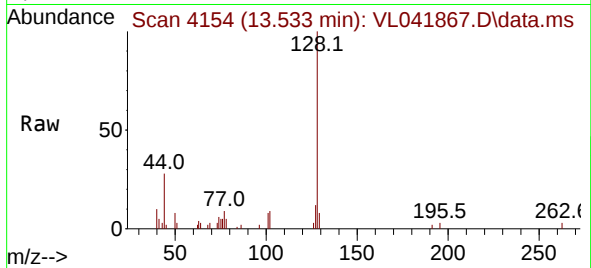




#79
Naphthalene
Concen: 0.047 ppbv
RT: 13.533 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

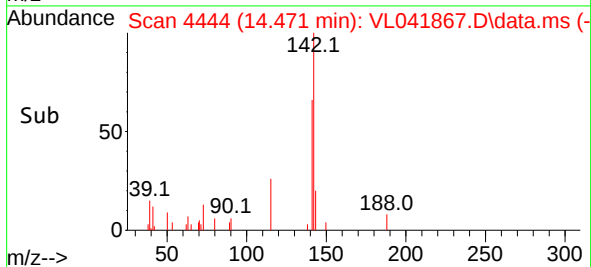
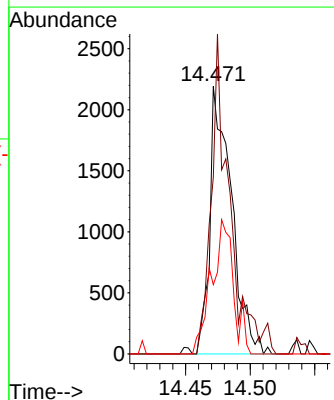
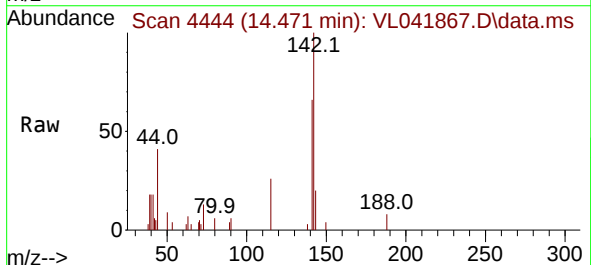
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

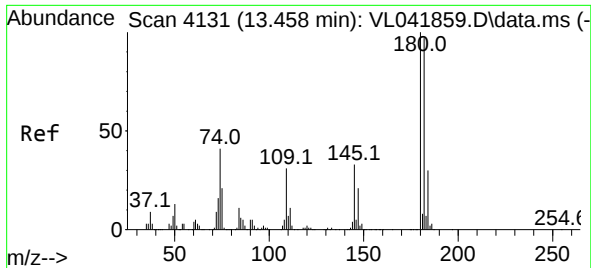
Tgt Ion:128 Resp: 3325
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 8.0 8.2 12.4#



#80
Naphthalene,2-methyl-
Concen: 0.067 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.006 min
Lab File: VL041867.D
Acq: 09 Jan 2025 16:00

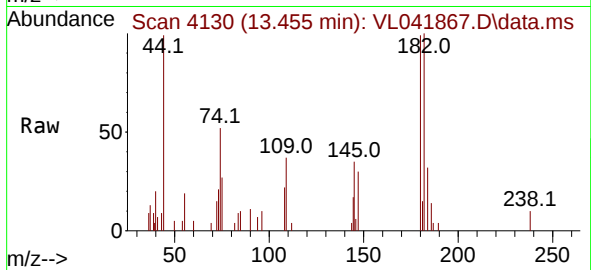
Tgt Ion:142 Resp: 2578
Ion Ratio Lower Upper
142 100
141 100.5 68.2 102.4
115 50.2 29.4 44.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.036 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041867.D
 Acq: 09 Jan 2025 16:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	75.8	113.8
184	40.4	24.1	36.1

