

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041871.D
 Acq On : 09 Jan 2025 18:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 10 01:43:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	121251	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	368065	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	330684	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	267140	10.075	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	250	0.013	ppbv #	68
3) Chlorodifluoromethane	1.476	51	356	0.016	ppbv #	60
4) Chloromethane	1.537	50	72	0.009	ppbv #	67
5) Vinyl Chloride	1.537	62	54	0.007	ppbv #	45
6) Bromomethane	1.673	94	120	0.031	ppbv #	3
7) Chloroethane	1.716	64	92	0.029	ppbv #	1
8) Dichlorotetrafluoroethane	1.557	85	36	0.002	ppbv #	17
9) Propene	1.758	41	153	0.015	ppbv	89
10) Heptane	5.004	43	124	0.005	ppbv #	27
11) Trichlorofluoromethane	1.874	101	76	0.004	ppbv #	17
12) 1,1,2-Trichlorotrifluo...	2.152	101	25	0.002	ppbv #	12
13) Ethanol	1.728	45	1839	2.838	ppbv	91
14) Bromoethene	1.790	108	26	0.004	ppbv #	1
15) Acetone	1.842	43	2916	0.143	ppbv #	68
16) 1,3-Butadiene	1.612	39	151	0.017	ppbv #	12
17) tert-Butyl alcohol	2.049	59	27	0.001	ppbv #	1
18) 1,1-Dichloroethene	2.049	96	50	0.007	ppbv #	1
19) Isopropyl Alcohol	1.897	45	1501	0.140	ppbv #	47
20) Methylene Chloride	2.072	84	1151	0.165	ppbv #	78
21) Allyl Chloride	2.107	41	363	0.028	ppbv #	18
22) trans-1,2-Dichloroethene	2.350	96	34	0.004	ppbv #	1
23) Vinyl Acetate	2.479	43	61	0.006	ppbv #	1
24) 1,1-Dichloroethane	2.418	63	87	0.005	ppbv #	88
25) Ethyl Acetate	2.848	43	88	0.002	ppbv #	74
26) Hexane	2.835	57	383	0.018	ppbv #	60
27) Carbon Disulfide	2.159	76	39	0.002	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	37	0.002	ppbv #	54
29) Chloroform	2.473	83	63	0.002	ppbv	96
30) Cyclohexane	3.968	84	139	0.008	ppbv #	1
31) cis-1,2-Dichloroethene	2.735	61	66	0.003	ppbv #	61
32) 1,1,1-Trichloroethane	3.628	97	55	0.002	ppbv #	66
34) 2-Butanone	2.563	43	155	0.005	ppbv #	1
35) Carbon Tetrachloride	4.023	117	29	0.001	ppbv #	12
36) Benzene	3.677	78	208	0.005	ppbv #	67
37) 1,2-Dichloroethane	3.065	62	55	0.002	ppbv #	1
38) Trichloroethene	4.392	130	28	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.975	63	90656	5.968	ppbv #	22
40) 1,4-Dioxane	4.661	88	13	0.002	ppbv #	17
41) Tetrahydrofuran	3.065	42	104	0.006	ppbv #	37
42) Bromodichloromethane	4.499	83	46	0.001	ppbv #	26
43) Methyl Methacrylate	4.923	69	62	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	4.790	57	58	0.001	ppbv #	1
45) t-1,3-Dichloropropene	6.321	75	20	0.001	ppbv #	45

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Instrument :
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 ClientSampleId :
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Quant Time: Jan 10 01:43:38 2025
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 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

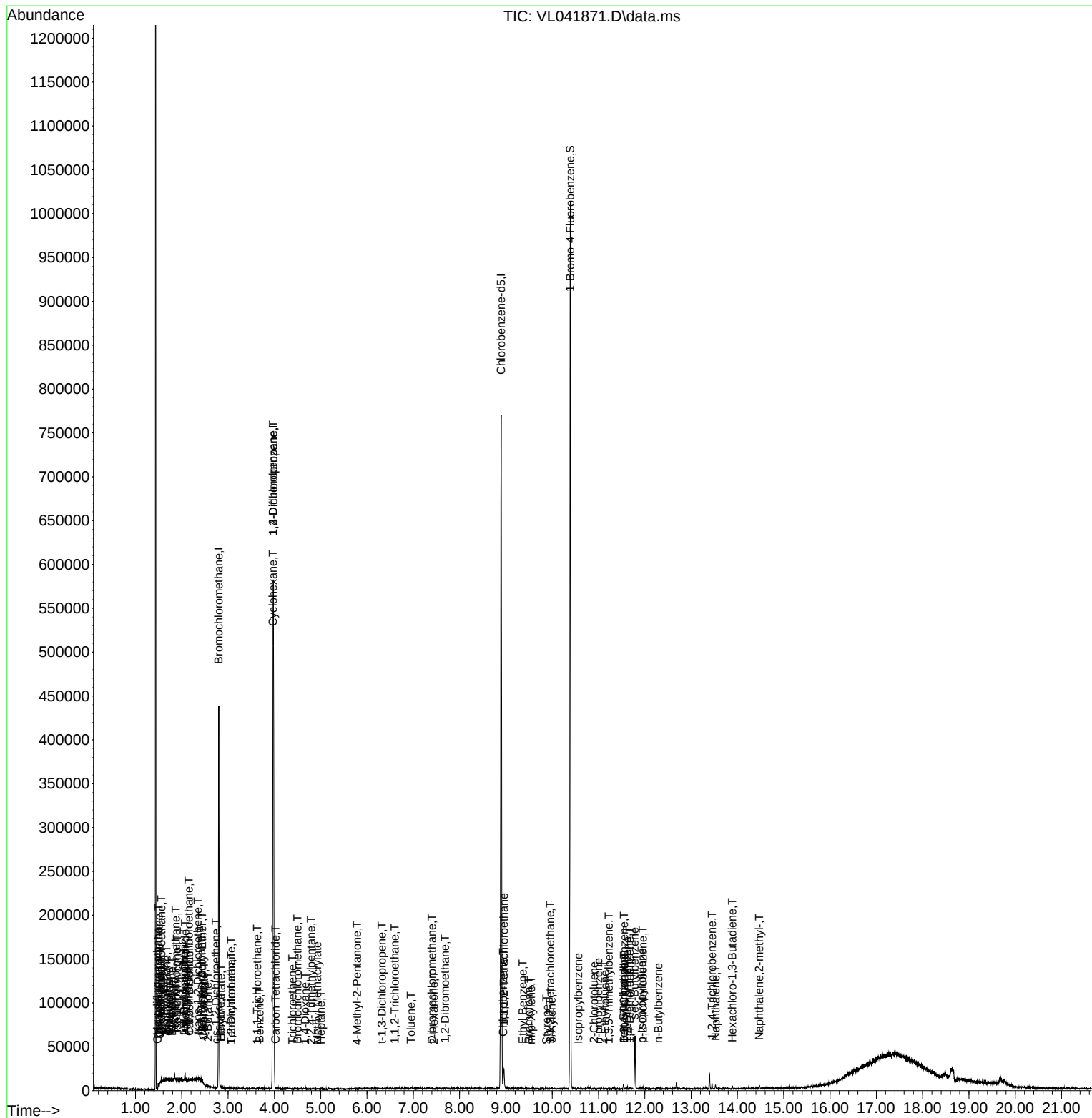
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.600	97	28	0.002	ppbv #	15
48) Dibromochloromethane	7.402	129	58	0.002	ppbv	72
49) Bromoform	9.493	173	22	0.001	ppbv #	1
50) 4-Methyl-2-Pentanone	5.784	43	11	0.000	ppbv #	38
51) 2-Hexanone	7.441	43	98	0.003	ppbv #	28
53) Toluene	6.949	91	154	0.003	ppbv	100
54) 1,2-Dibromoethane	7.684	107	56	0.003	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	8.953	131	29	0.001	ppbv #	1
57) Chlorobenzene	8.940	112	77	0.002	ppbv #	22
58) Ethyl Benzene	9.360	91	87	0.001	ppbv	93
59) m/p-Xylene	9.545	91	85	0.002	ppbv #	100
60) o-Xylene	9.985	91	273	0.005	ppbv #	33
61) Styrene	9.878	104	146	0.005	ppbv #	28
62) Isopropylbenzene	10.561	105	293	0.004	ppbv #	56
63) 1,1,2,2-Tetrachloroethane	9.956	83	23	0.001	ppbv #	25
64) n-propylbenzene	10.998	120	22	0.001	ppbv #	1
65) tert-Butylbenzene	11.542	119	219	0.003	ppbv #	43
66) Benzyl Chloride	11.552	91	95	0.013	ppbv #	66
67) sec-Butylbenzene	11.778	105	233	0.002	ppbv #	1
69) p-Isopropyltoluene	11.937	119	543	0.006	ppbv #	48
70) n-Butylbenzene	12.293	91	477	0.006	ppbv	96
71) 2-Chlorotoluene	10.904	91	139	0.002	ppbv #	59
72) 4-Ethyltoluene	11.137	105	215	0.003	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.218	105	275	0.005	ppbv #	49
74) 1,2,4-Trimethylbenzene	11.552	105	232	0.004	ppbv #	72
75) 1,3-Dichlorobenzene	11.616	146	276	0.008	ppbv #	53
76) 1,4-Dichlorobenzene	11.675	146	396	0.011	ppbv #	24
77) 1,2-Dichlorobenzene	11.956	146	231	0.007	ppbv #	23
78) Hexachloro-1,3-Butadiene	13.889	225	120	0.004	ppbv #	1
79) Naphthalene	13.529	128	2193	0.034	ppbv #	83
80) Naphthalene,2-methyl-	14.471	142	1661	0.047	ppbv	92
81) 1,2,4-Trichlorobenzene	13.448	180	1252	0.040	ppbv	89

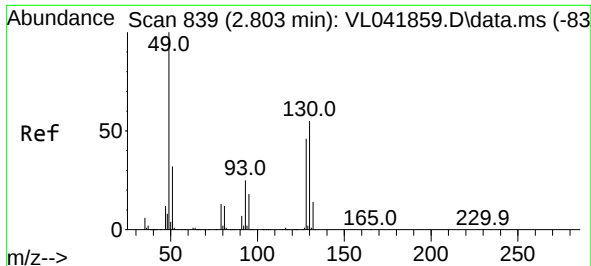
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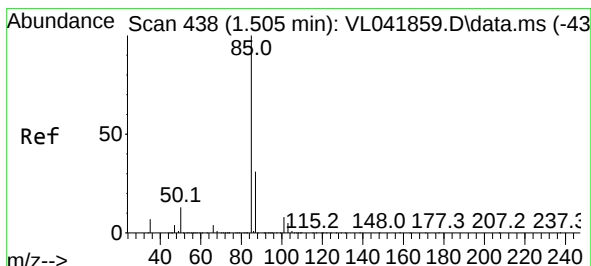
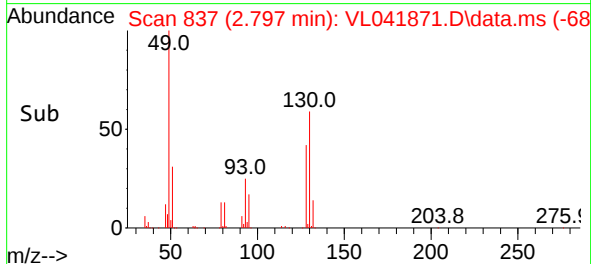
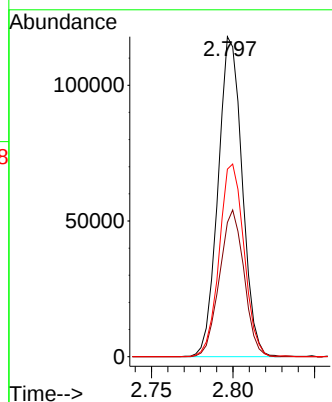
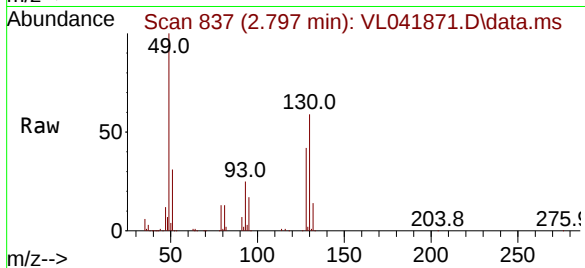




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

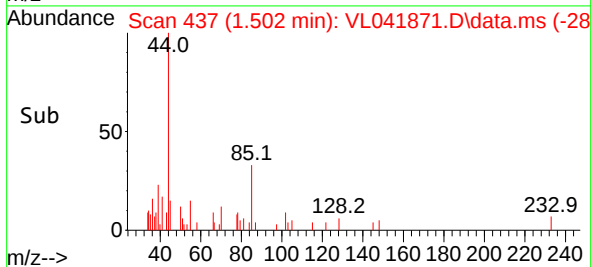
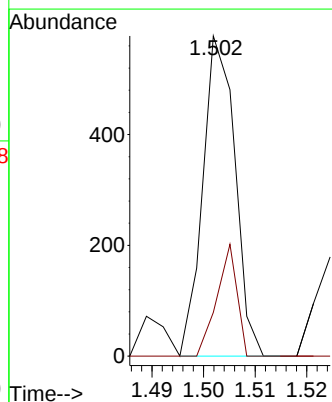
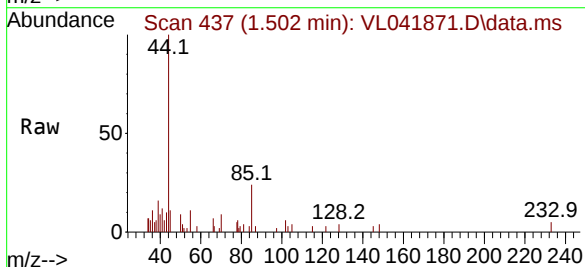
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MSVOA_L
ClientSampleId :
VIBLK

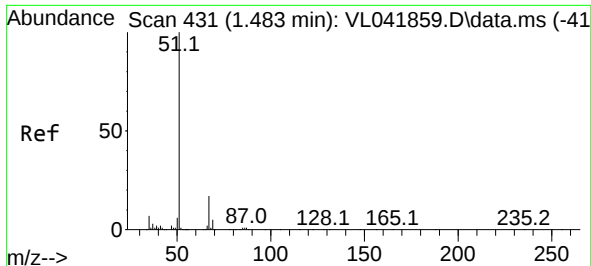
Tgt Ion: 49 Resp: 121251
Ion Ratio Lower Upper
49 100
128 46.5 23.2 69.5
130 61.9 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.013 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 85 Resp: 250
Ion Ratio Lower Upper
85 100
87 13.7 25.2 37.8#

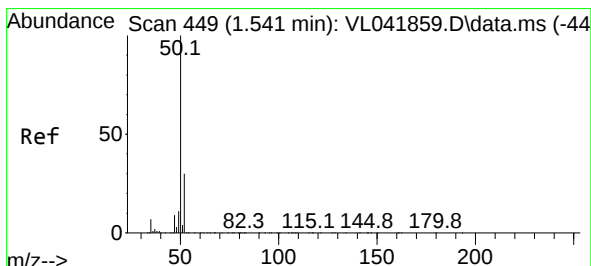
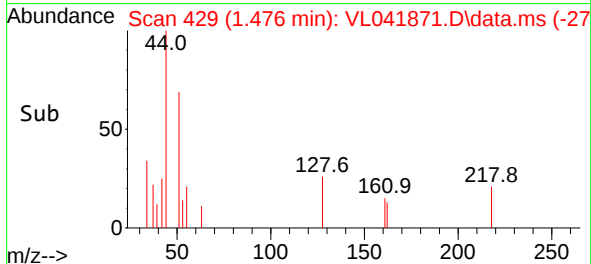
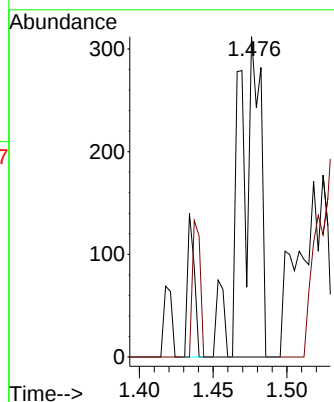
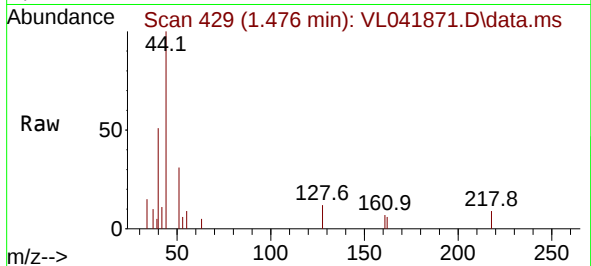




#3
Chlorodifluoromethane
Concen: 0.016 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

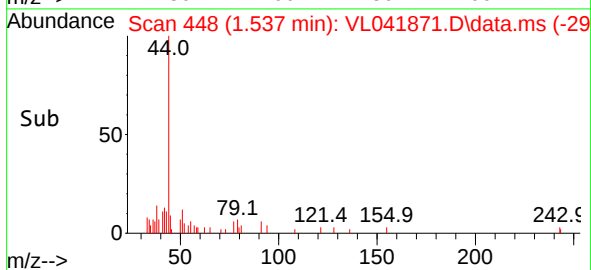
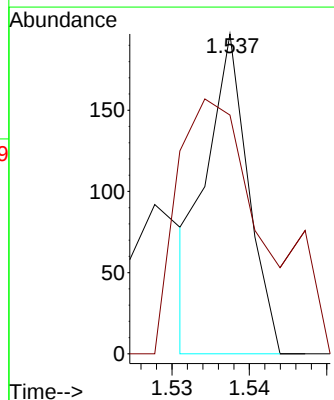
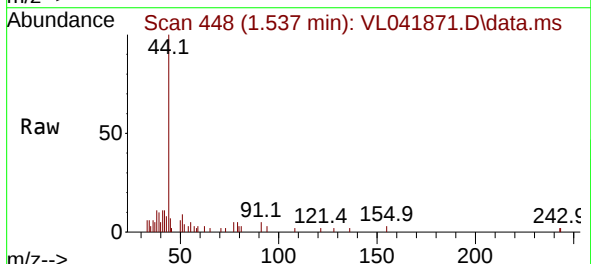
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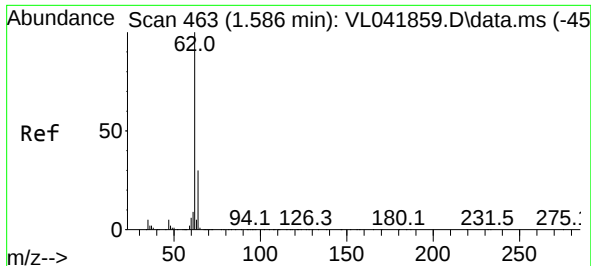
Tgt Ion: 51 Resp: 356
Ion Ratio Lower Upper
51 100
67 0.0 13.8 20.8#



#4
Chloromethane
Concen: 0.009 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 47.7 23.9 35.9#

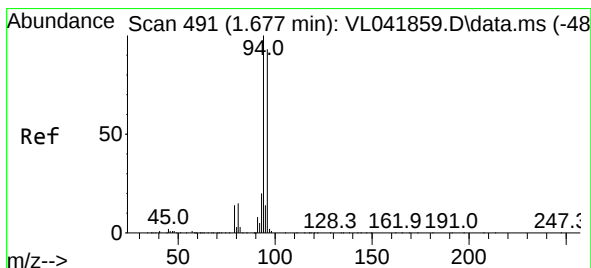
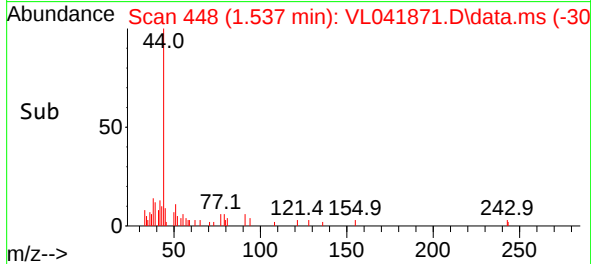
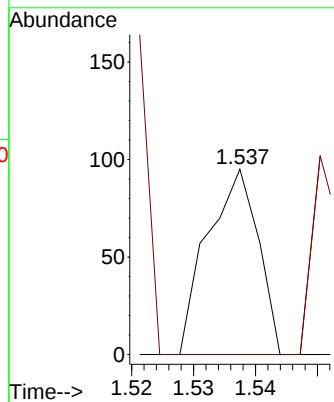
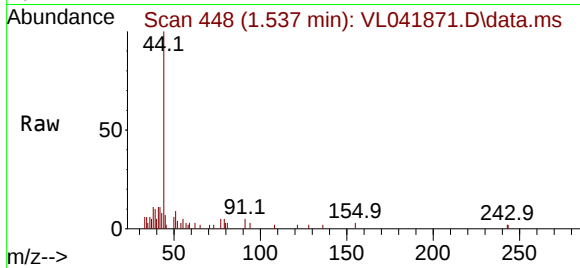




#5
 Vinyl Chloride
 Concen: 0.007 ppbv
 RT: 1.537 min Scan# 448
 Delta R.T. -0.049 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

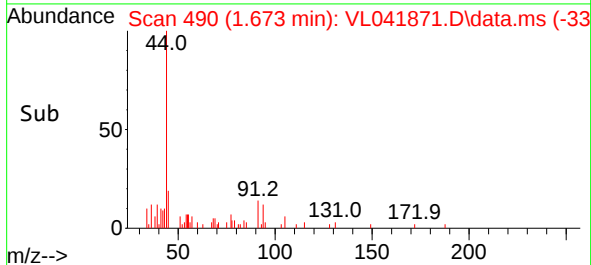
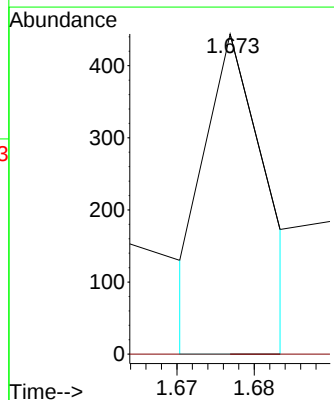
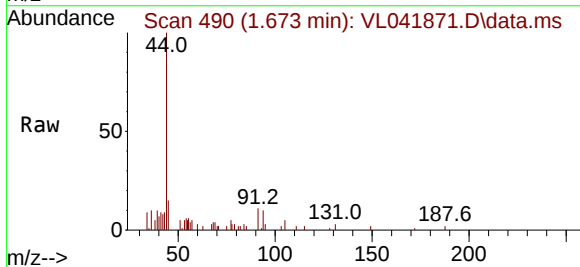
Instrument :
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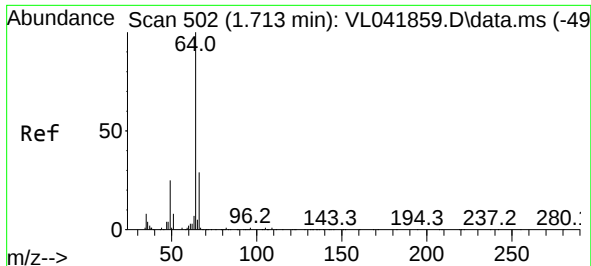
Tgt Ion: 62 Resp: 54
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.031 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion: 94 Resp: 120
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

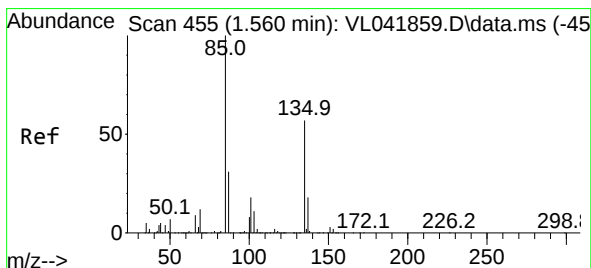
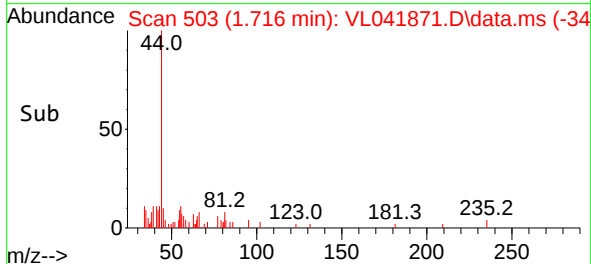
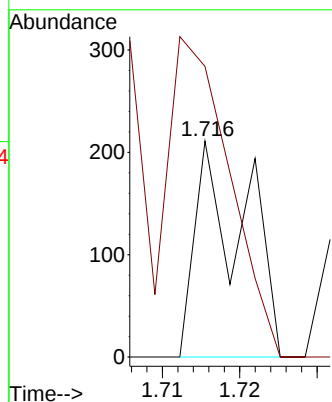
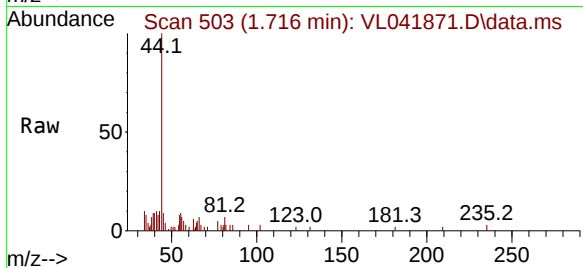




#7
Chloroethane
Concen: 0.029 ppbv
RT: 1.716 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

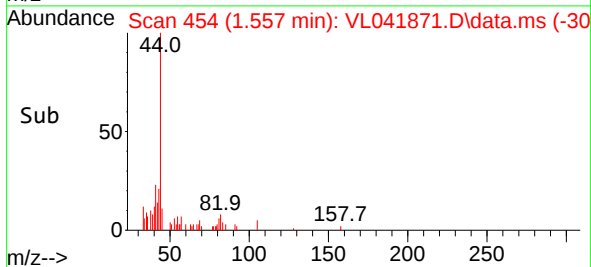
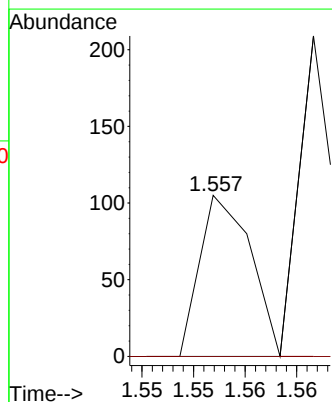
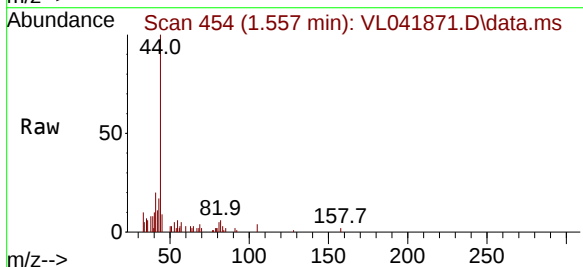
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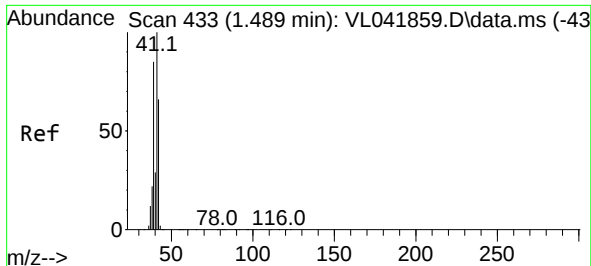
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 134.6 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.002 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 85 Resp: 36
Ion Ratio Lower Upper
85 100
135 0.0 52.2 78.4#

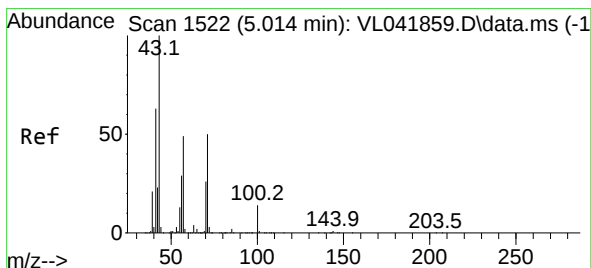
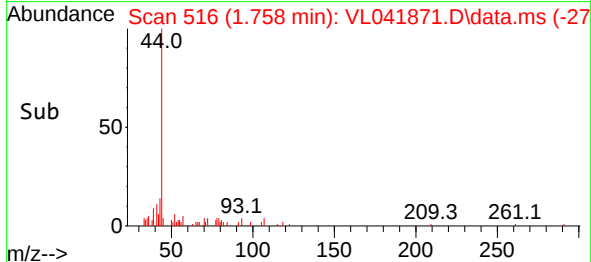
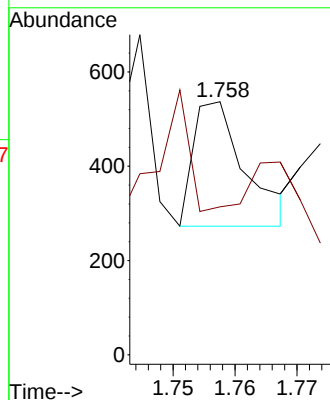
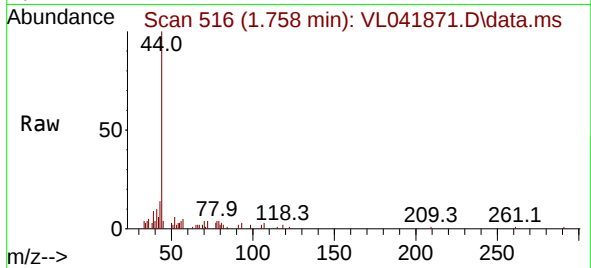




#9
Propene
Concen: 0.015 ppbv
RT: 1.758 min Scan# 51
Delta R.T. 0.268 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

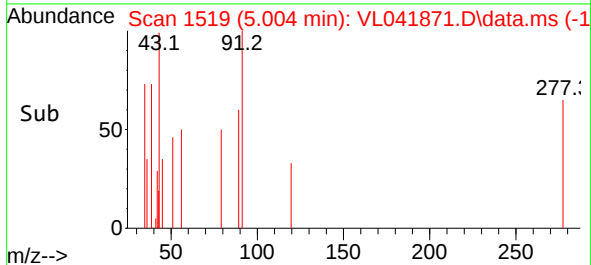
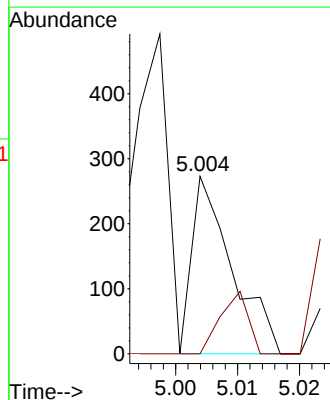
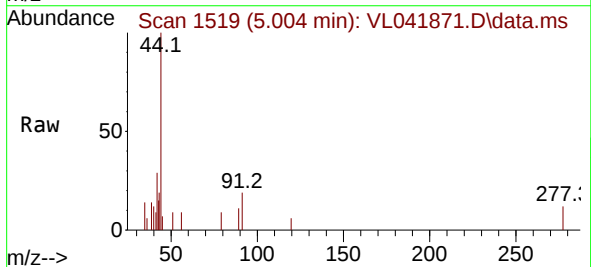
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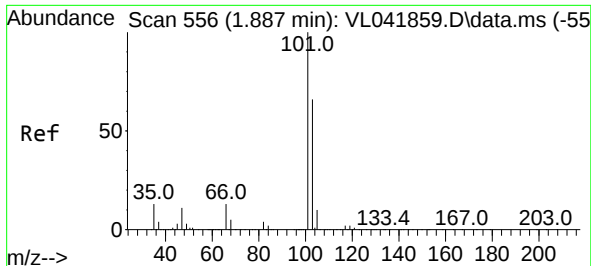
Tgt Ion: 41 Resp: 153
Ion Ratio Lower Upper
41 100
42 75.2 53.0 79.6



#10
Heptane
Concen: 0.005 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.010 min
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Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
57 0.0 40.2 60.2#

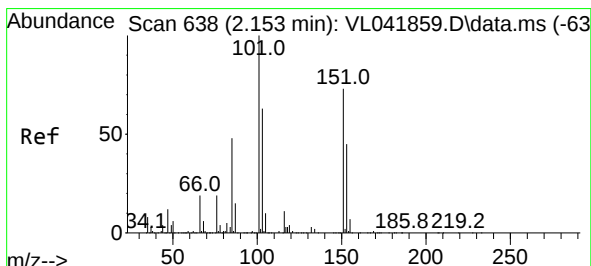
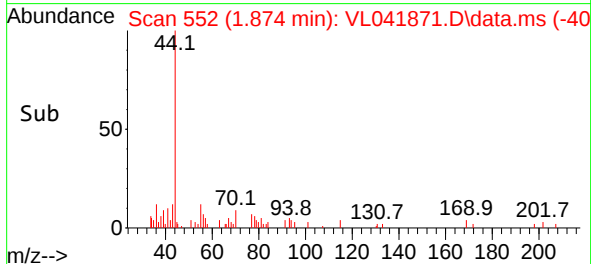
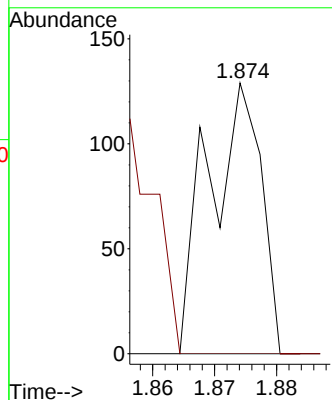
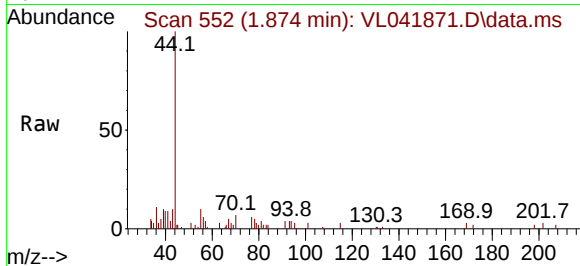




#11
 Trichlorofluoromethane
 Concen: 0.004 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

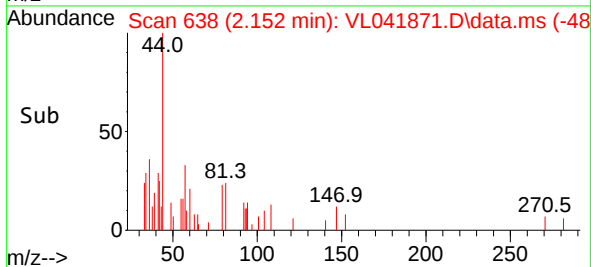
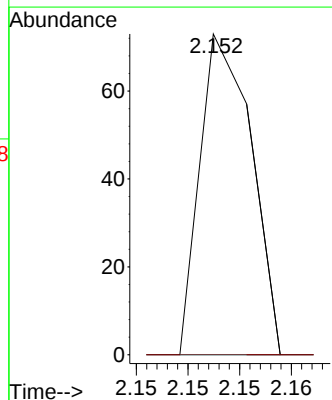
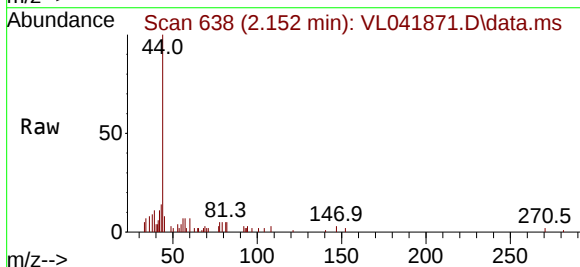
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion:101 Resp: 76
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.6 78.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.002 ppbv
 RT: 2.152 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion:101 Resp: 25
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#

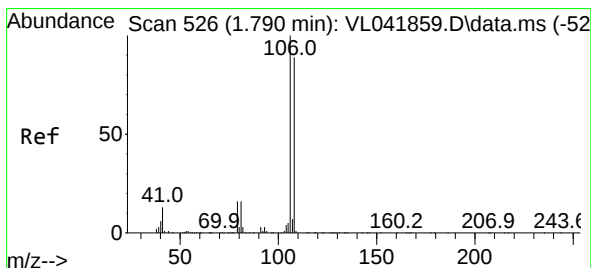
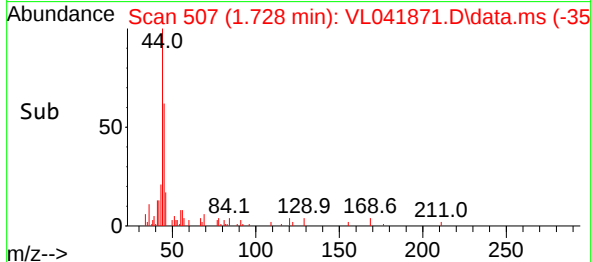
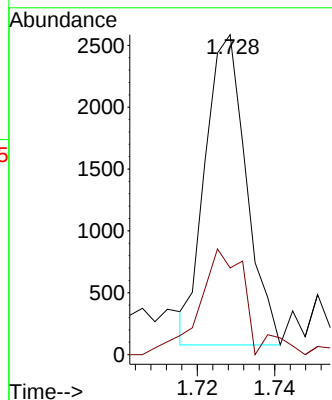
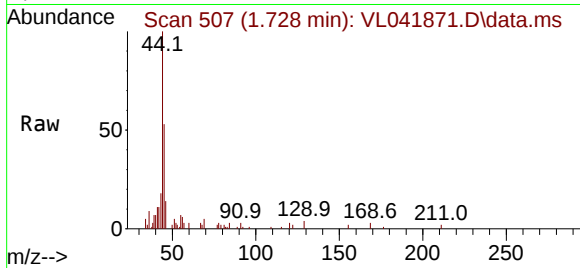




#13
Ethanol
Concen: 2.838 ppbv
RT: 1.728 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

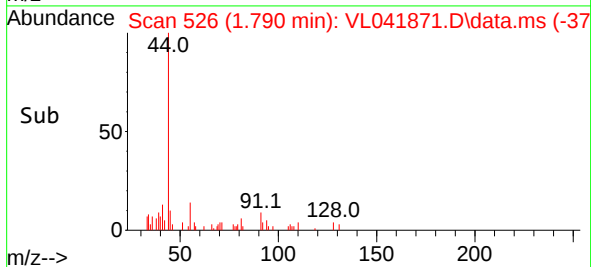
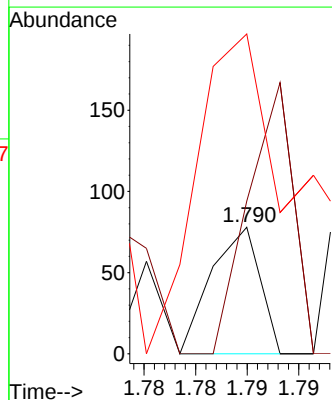
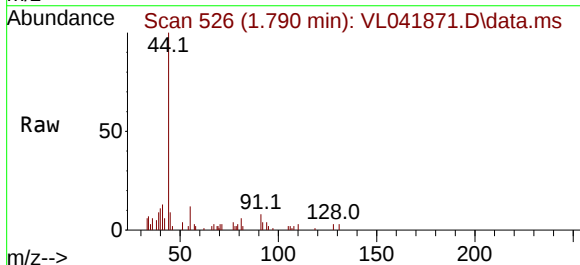
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

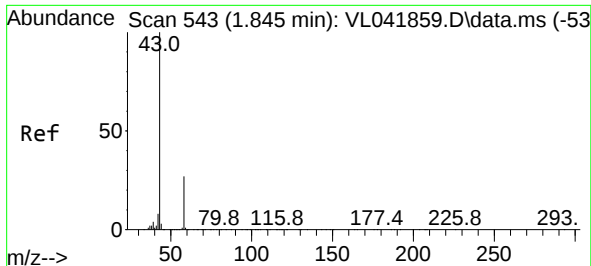
Tgt Ion: 45 Resp: 1839
Ion Ratio Lower Upper
45 100
46 41.5 19.0 76.0



#14
Bromoethene
Concen: 0.004 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 108 Resp: 26
Ion Ratio Lower Upper
108 100
106 276.9 86.9 130.3#
79 0.0 15.6 23.4#

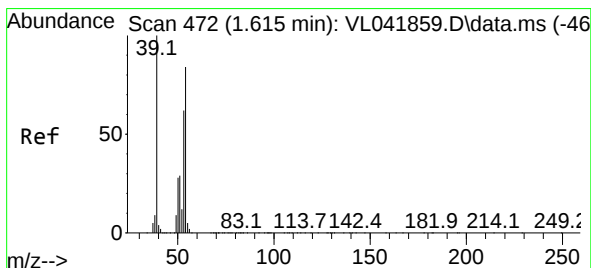
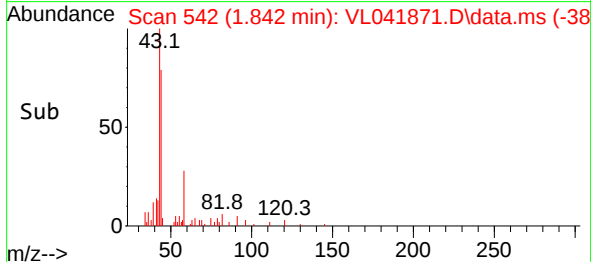
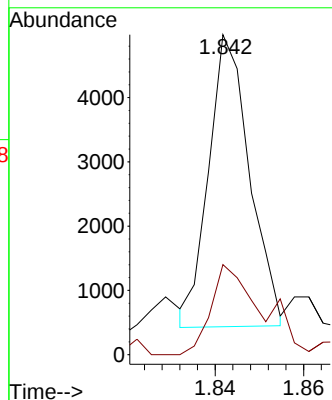
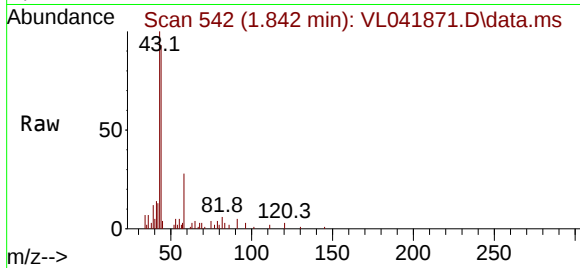




#15
Acetone
Concen: 0.143 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

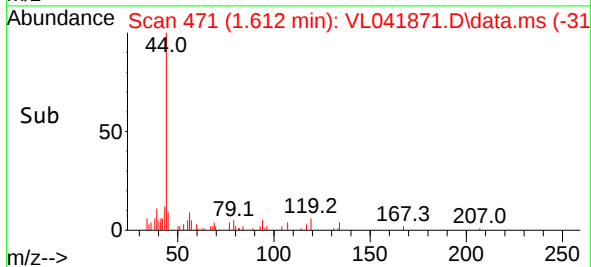
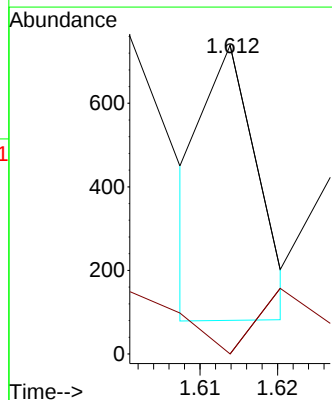
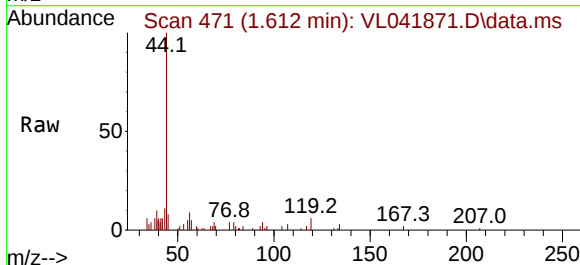
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

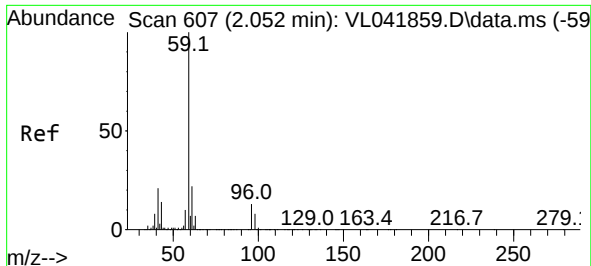
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 45.6 22.7 34.1#



#16
1,3-Butadiene
Concen: 0.017 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 39 Resp: 151
Ion Ratio Lower Upper
39 100
54 0.0 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

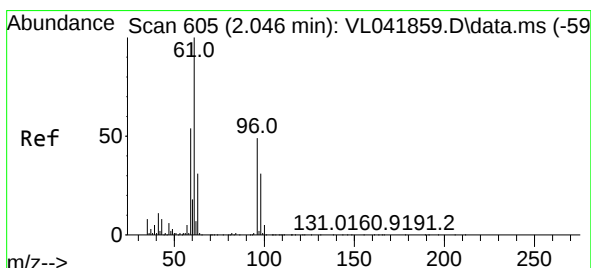
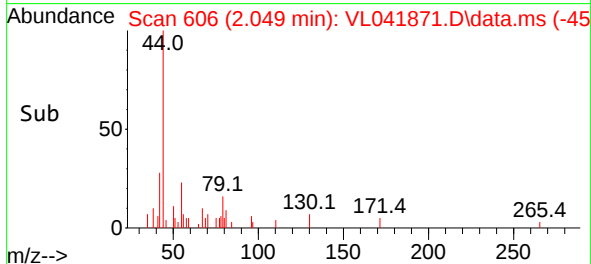
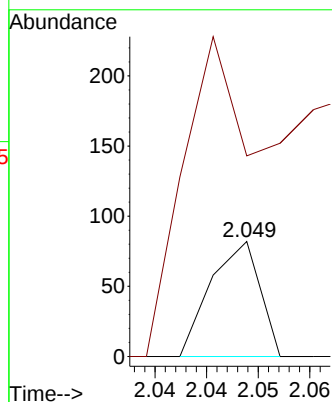
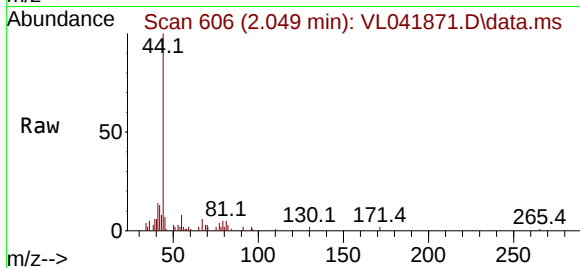
MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 59 Resp: 27

Ion	Ratio	Lower	Upper
59	100		
57	1788.9	8.2	12.4#



#18

1,1-Dichloroethene

Concen: 0.007 ppbv

RT: 2.049 min Scan# 606

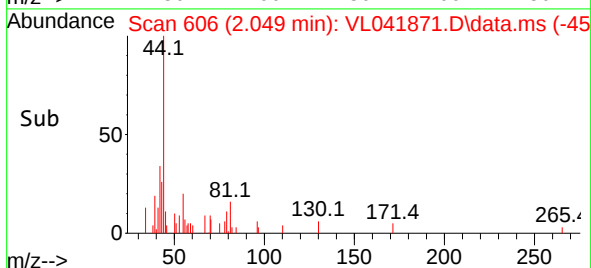
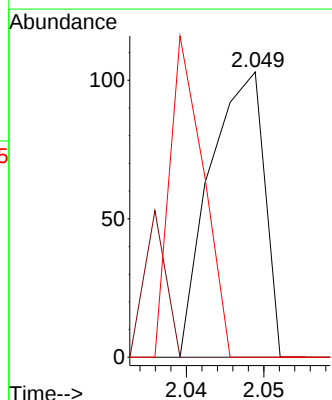
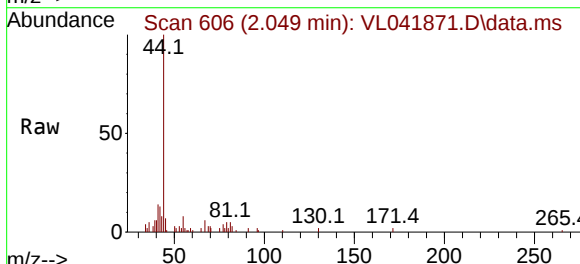
Delta R.T. 0.003 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Tgt Ion: 96 Resp: 50

Ion	Ratio	Lower	Upper
96	100		
61	0.0	161.7	242.5#
98	0.0	51.0	76.4#

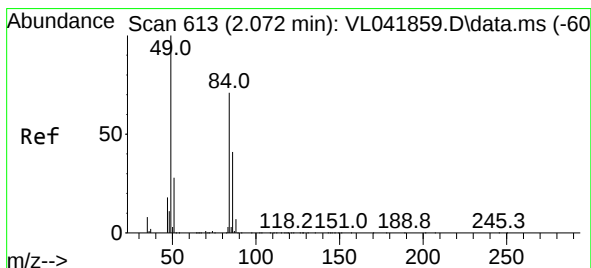
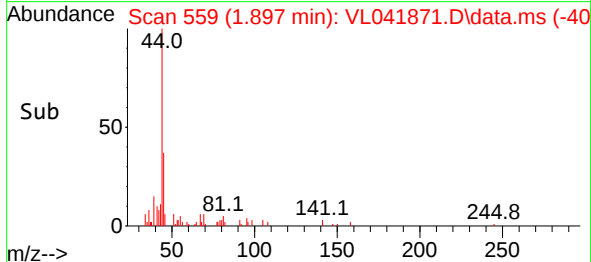
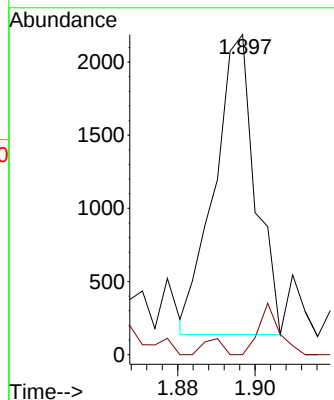
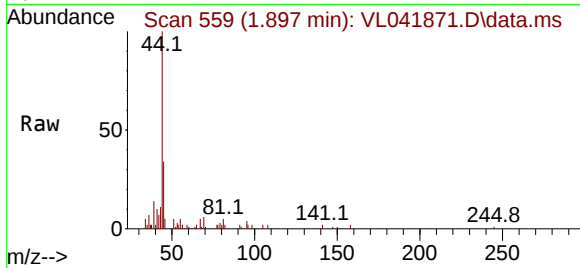




#19
Isopropyl Alcohol
Concen: 0.140 ppbv
RT: 1.897 min Scan# 559
Delta R.T. -0.000 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

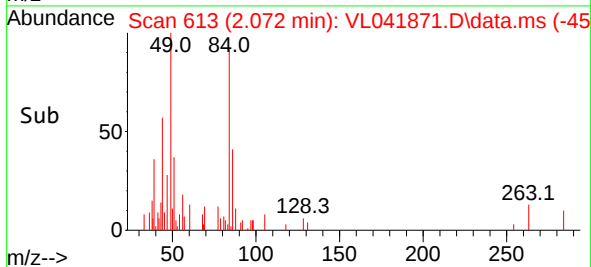
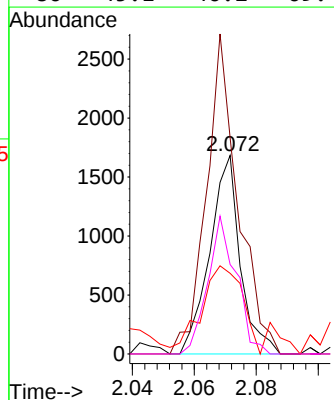
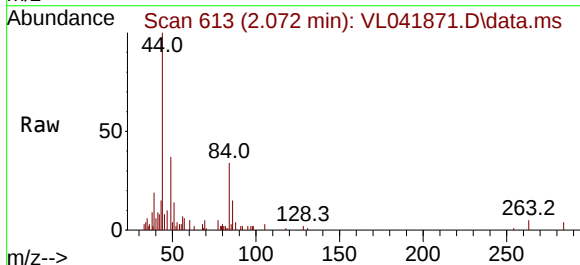
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

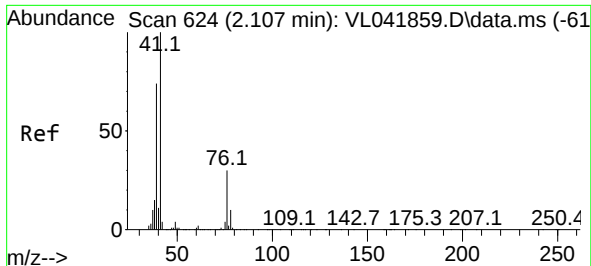
Tgt Ion: 45 Resp: 1501
Ion Ratio Lower Upper
45 100
58 11.2 37.0 55.6#



#20
Methylene Chloride
Concen: 0.165 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 84 Resp: 1151
Ion Ratio Lower Upper
84 100
49 108.9 113.8 170.8#
51 35.1 33.5 50.3
86 45.1 46.2 69.4#





#21

Allyl Chloride

Concen: 0.028 ppbv

RT: 2.107 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

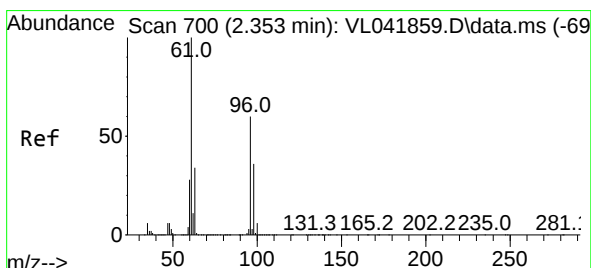
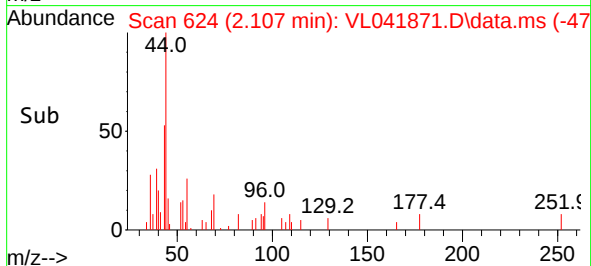
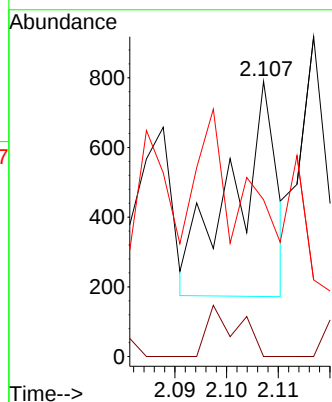
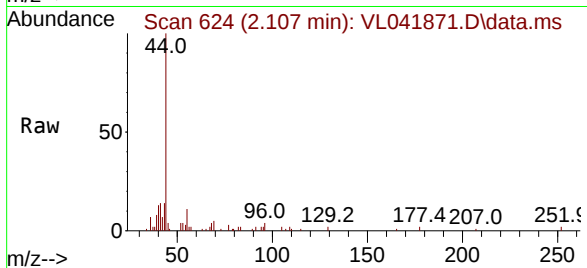
Tgt Ion: 41 Resp: 363

Ion Ratio Lower Upper

41 100

76 19.8 24.6 36.8#

39 166.9 60.1 90.1#



#22

trans-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 2.350 min Scan# 699

Delta R.T. -0.003 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

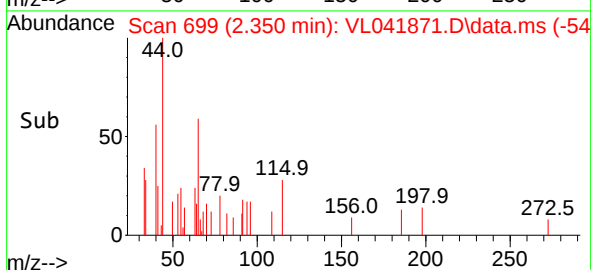
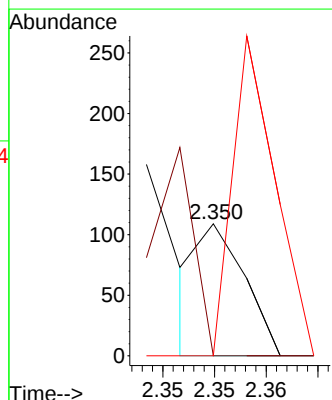
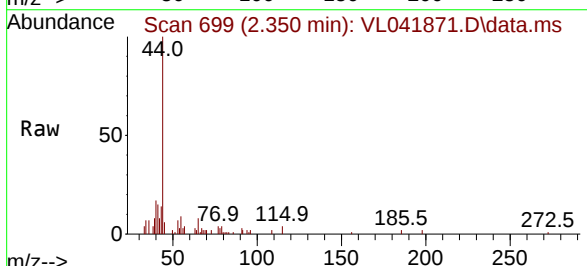
Tgt Ion: 96 Resp: 34

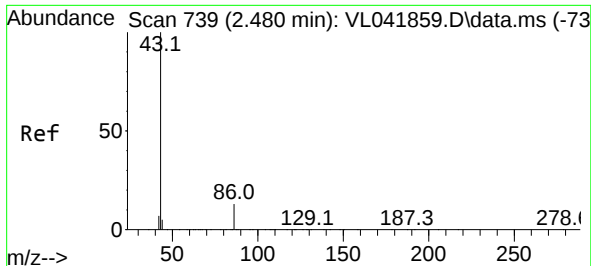
Ion Ratio Lower Upper

96 100

61 0.0 134.2 201.4#

98 0.0 49.0 73.4#





#23

Vinyl Acetate

Concen: 0.006 ppbv

RT: 2.479 min Scan# 71

Delta R.T. -0.000 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 61

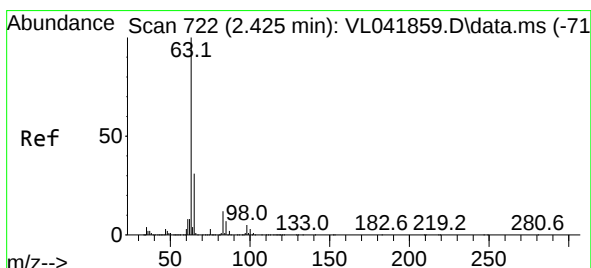
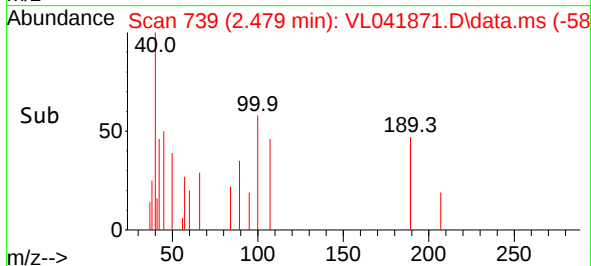
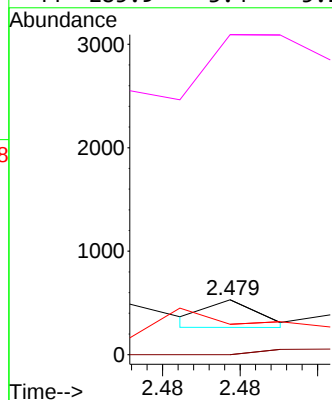
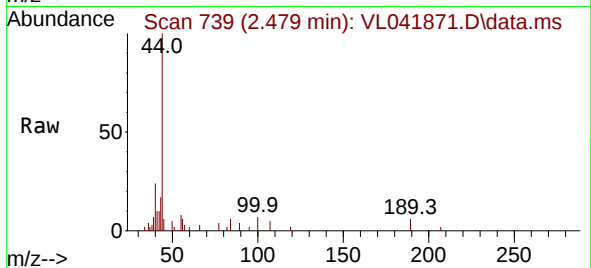
Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.6#

42 0.0 7.0 10.4#

44 285.9 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.005 ppbv

RT: 2.418 min Scan# 720

Delta R.T. -0.007 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

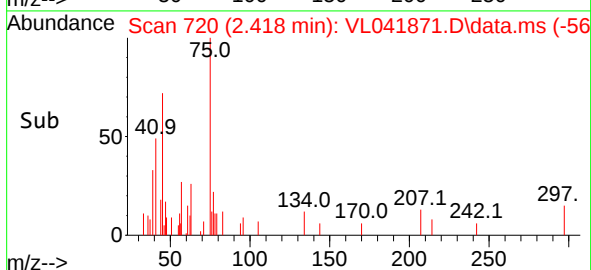
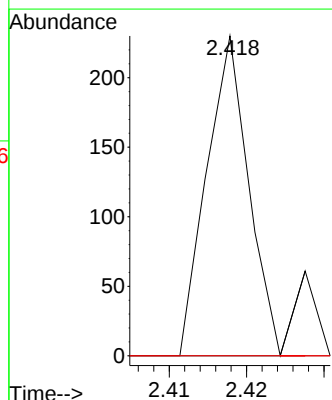
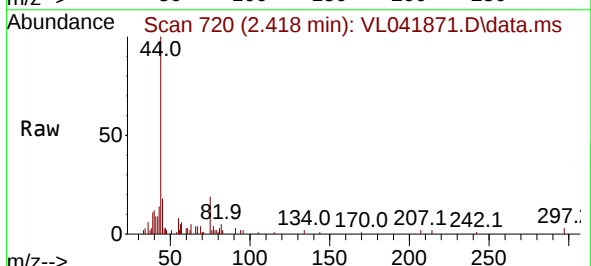
Tgt Ion: 63 Resp: 87

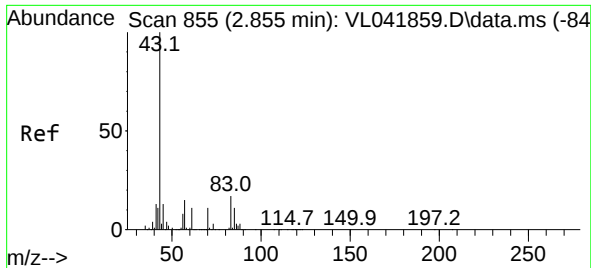
Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.9#

100 0.0 1.3 3.8#

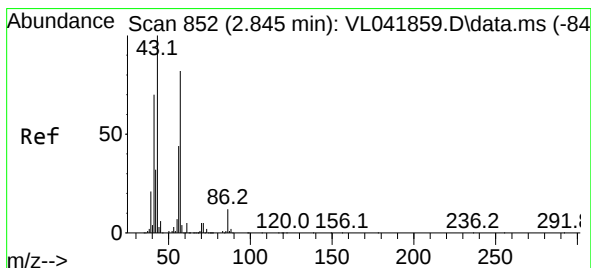
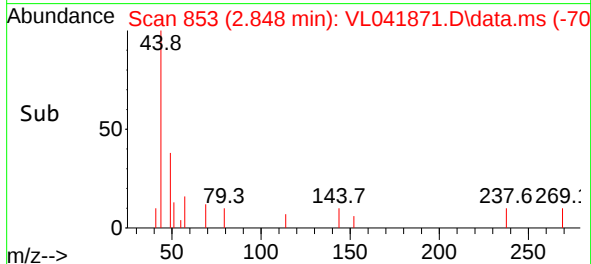
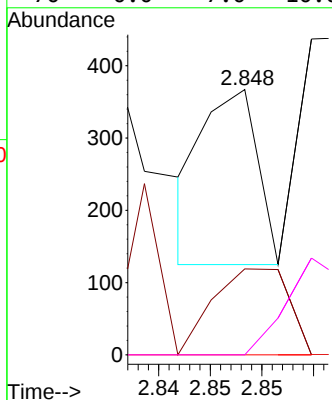
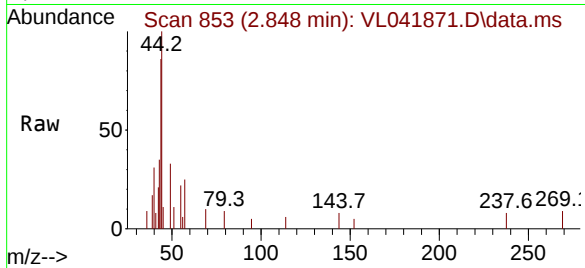




#25
Ethyl Acetate
Concen: 0.002 ppbv
RT: 2.848 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

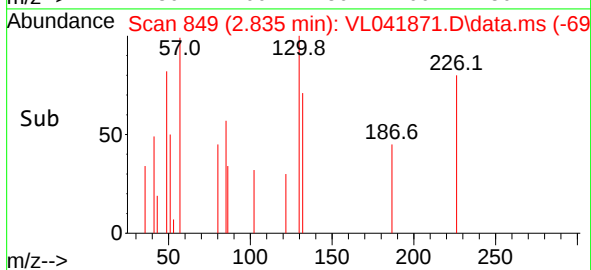
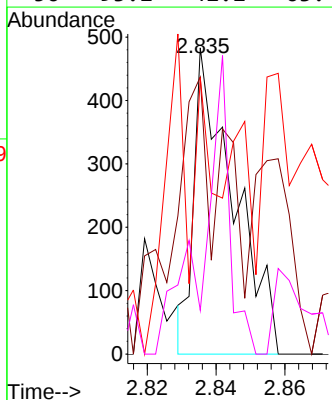
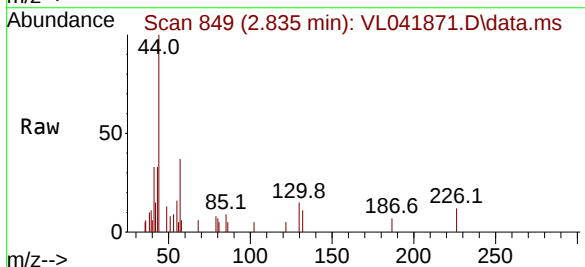
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

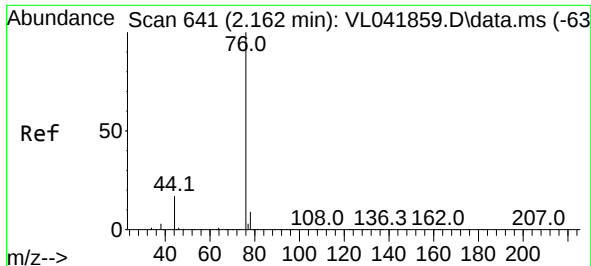
Tgt Ion:	43	Resp:	88
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	7.3	10.9#
70	0.0	7.0	10.6#



#26
Hexane
Concen: 0.018 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:	57	Resp:	383
Ion	Ratio	Lower	Upper
57	100		
41	192.2	71.5	107.3#
43	230.3	200.2	300.4
56	93.2	42.2	63.4#





#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.003 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

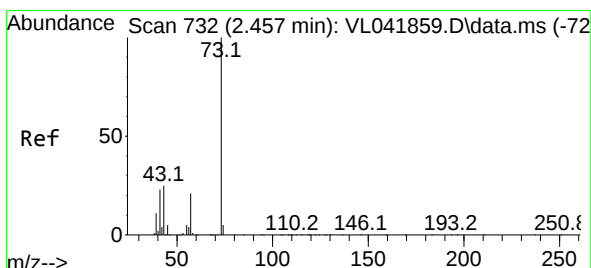
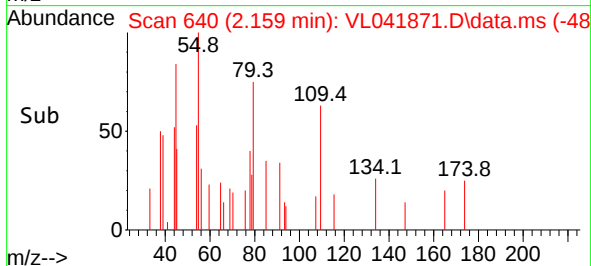
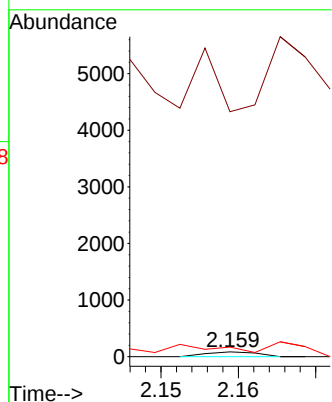
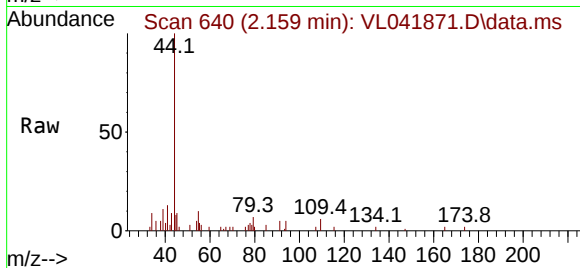
Tgt Ion: 76 Resp: 39

Ion Ratio Lower Upper

76 100

44 5492.3 13.1 19.7#

78 923.1 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 2.441 min Scan# 727

Delta R.T. -0.016 min

Lab File: VL041871.D

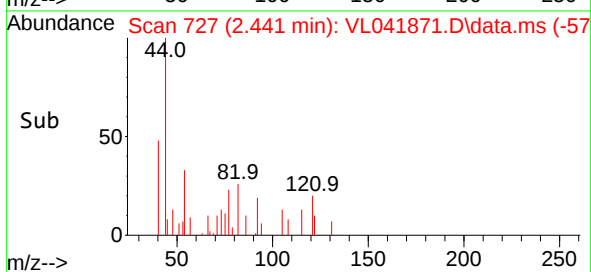
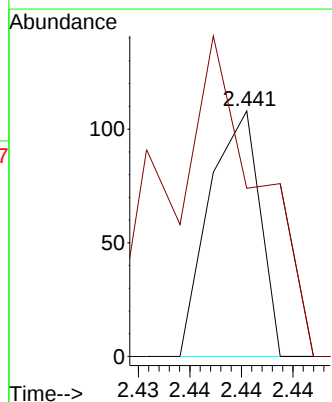
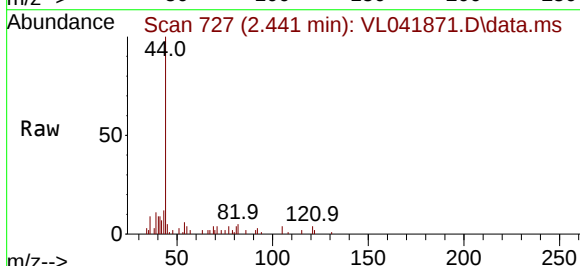
Acq: 09 Jan 2025 18:02

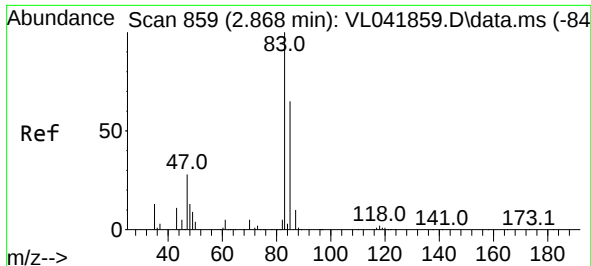
Tgt Ion: 73 Resp: 37

Ion Ratio Lower Upper

73 100

57 0.0 17.5 26.3#





#29

Chloroform

Concen: 0.002 ppbv

RT: 2.473 min Scan# 71

Delta R.T. -0.395 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

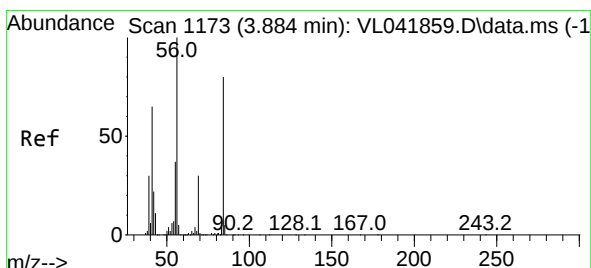
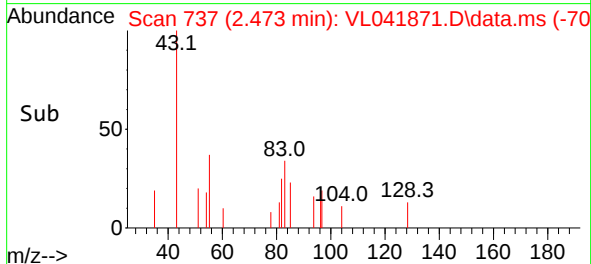
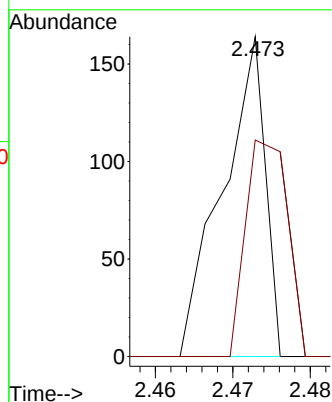
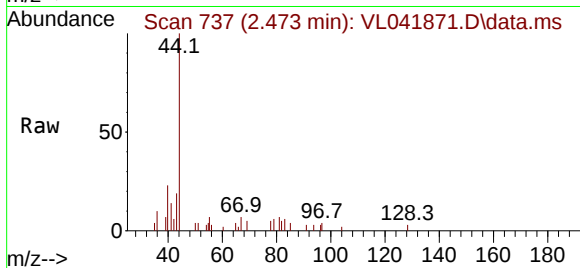
VIBLK

Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

85 67.7 51.7 77.5



#30

Cyclohexane

Concen: 0.008 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.084 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

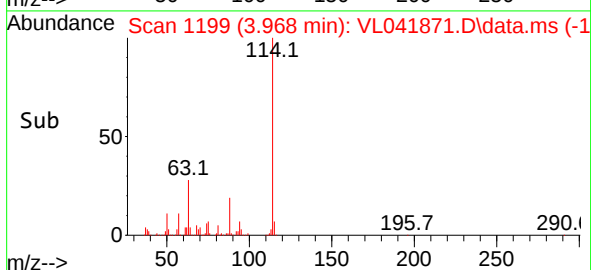
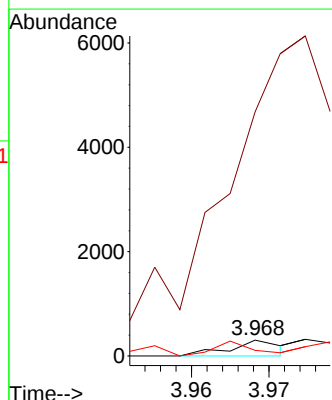
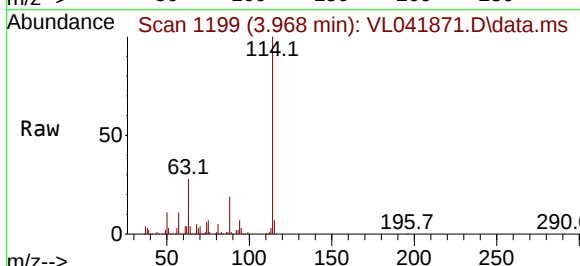
Tgt Ion: 84 Resp: 139

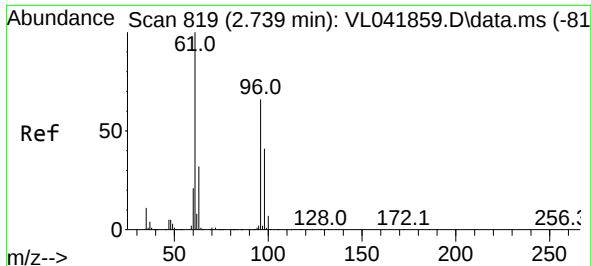
Ion Ratio Lower Upper

84 100

56 0.0 100.7 151.1#

41 181.3 62.8 94.2#

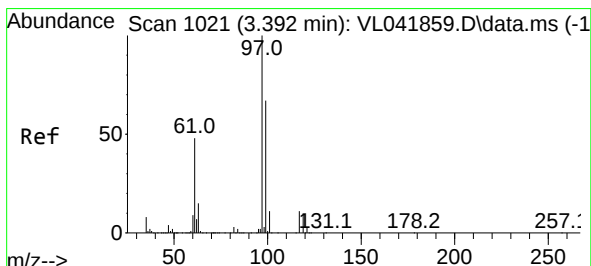
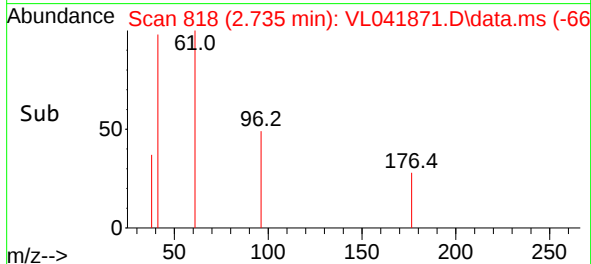
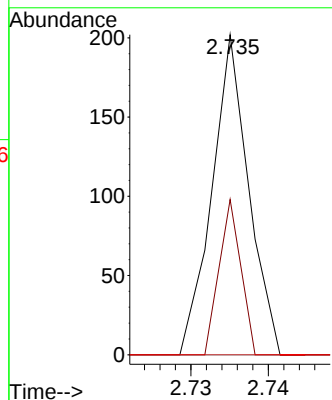
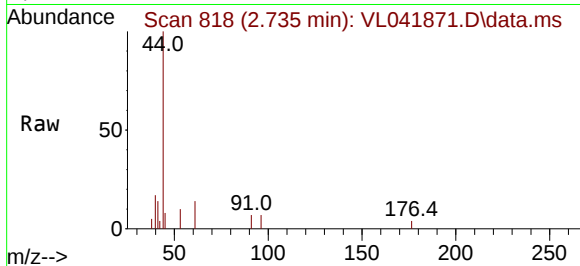




#31
 cis-1,2-Dichloroethene
 Concen: 0.003 ppbv
 RT: 2.735 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

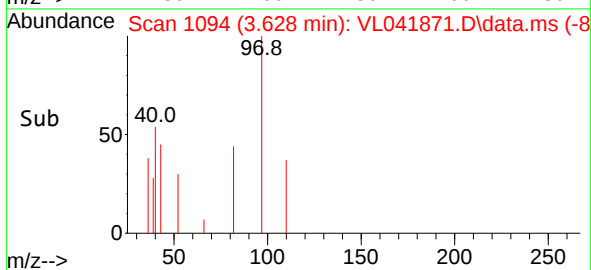
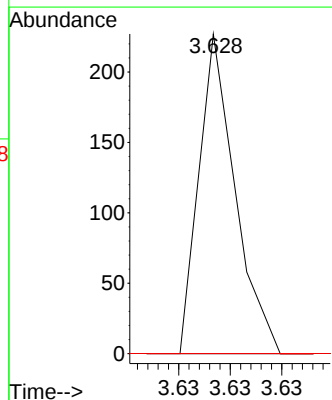
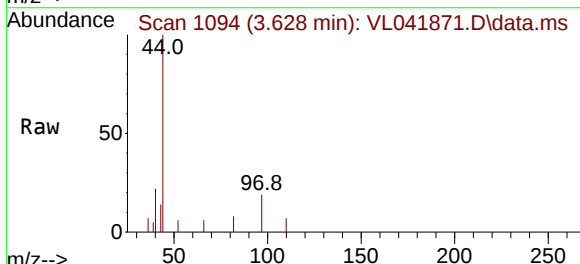
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

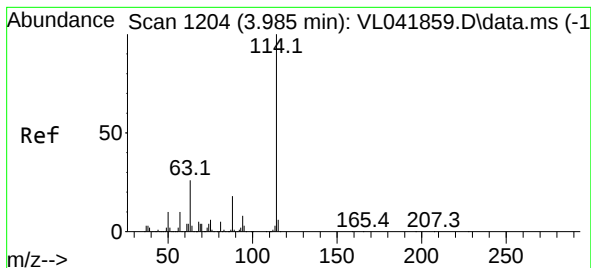
Tgt Ion: 61 Resp: 66
 Ion Ratio Lower Upper
 61 100
 96 48.5 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.002 ppbv
 RT: 3.628 min Scan# 1094
 Delta R.T. 0.236 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion: 97 Resp: 55
 Ion Ratio Lower Upper
 97 100
 99 60.0 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: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

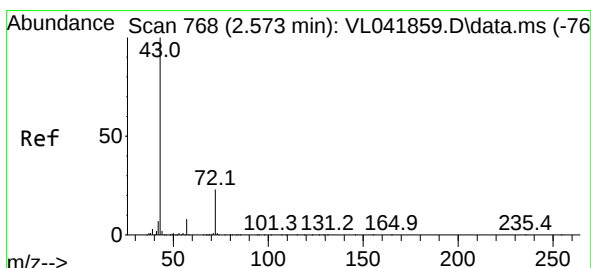
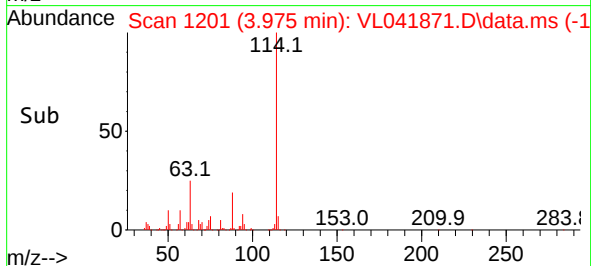
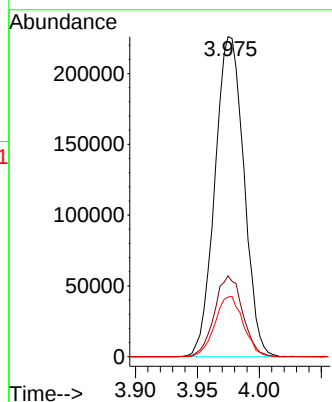
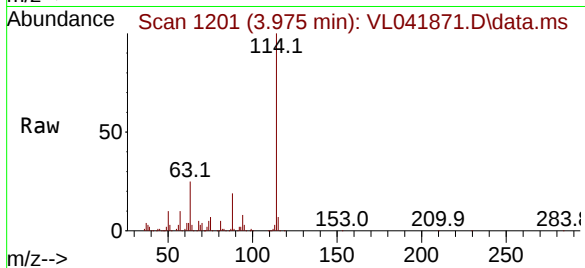
Tgt Ion:114 Resp: 368065

Ion Ratio Lower Upper

114 100

63 24.7 20.3 30.5

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 0.005 ppbv

RT: 2.563 min Scan# 765

Delta R.T. -0.010 min

Lab File: VL041871.D

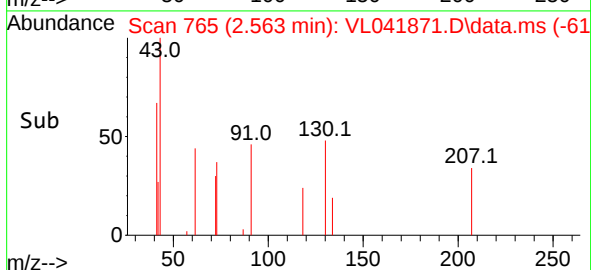
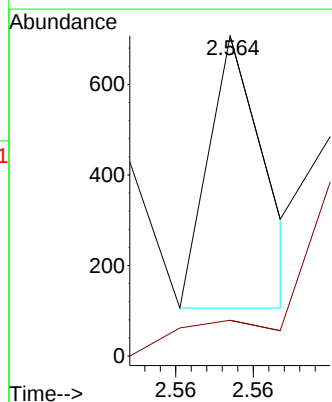
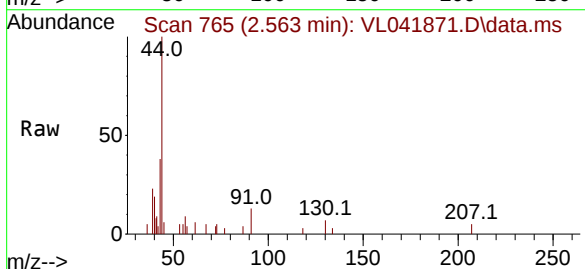
Acq: 09 Jan 2025 18:02

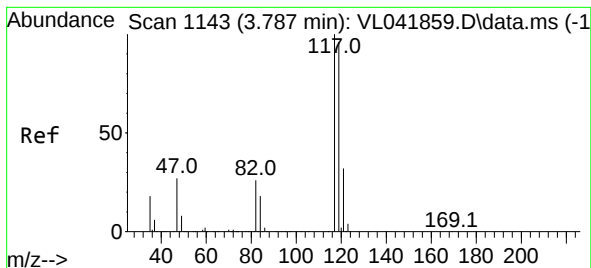
Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

43 100

72 232.3 18.5 27.7#





#35

Carbon Tetrachloride

Concen: 0.001 ppbv

RT: 4.023 min Scan# 11

Delta R.T. 0.236 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

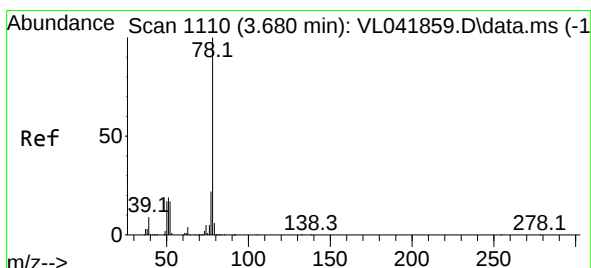
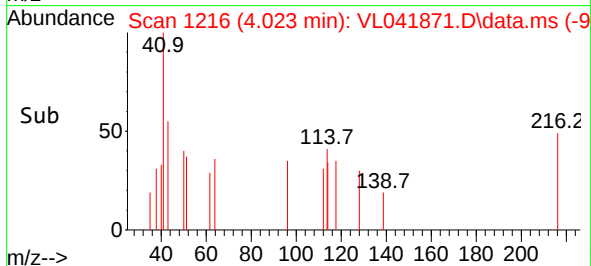
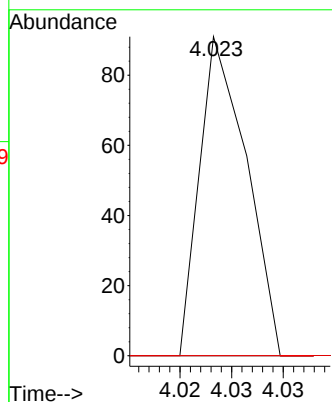
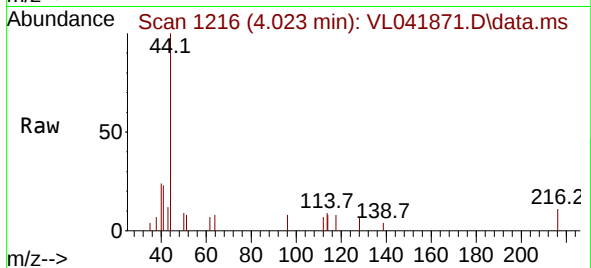
Tgt Ion:117 Resp: 29

Ion Ratio Lower Upper

117 100

119 0.0 76.9 115.3#

121 0.0 25.9 38.9#



#36

Benzene

Concen: 0.005 ppbv

RT: 3.677 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

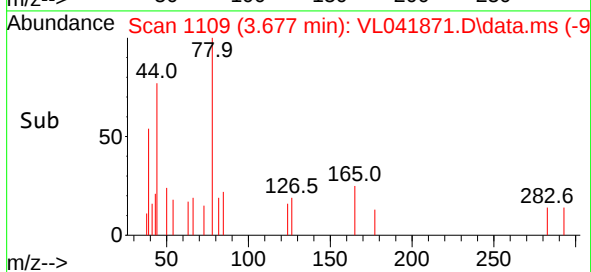
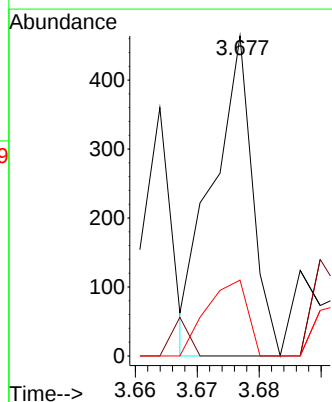
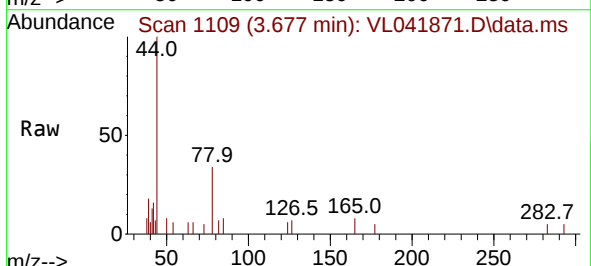
Tgt Ion: 78 Resp: 208

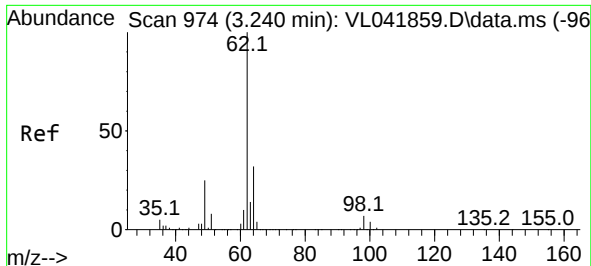
Ion Ratio Lower Upper

78 100

77 0.0 17.9 26.9#

50 23.7 13.7 20.5#

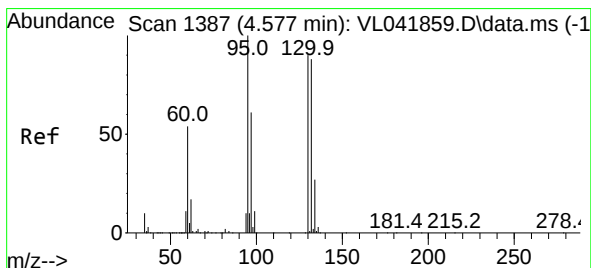
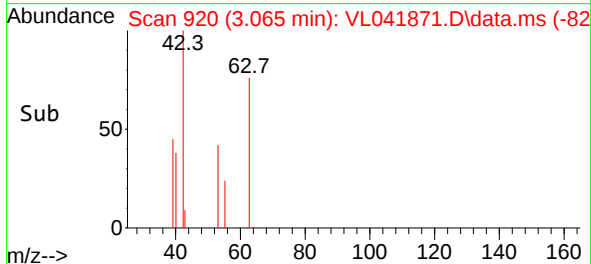
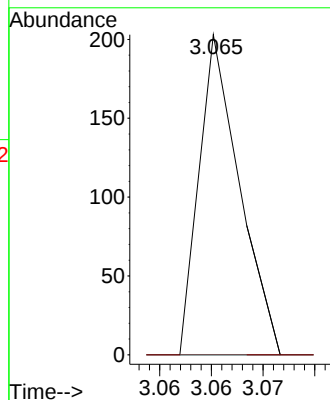
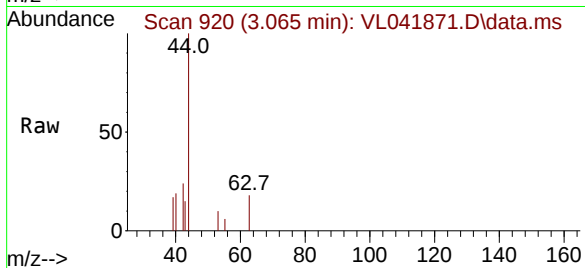




#37
1,2-Dichloroethane
Concen: 0.002 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.175 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

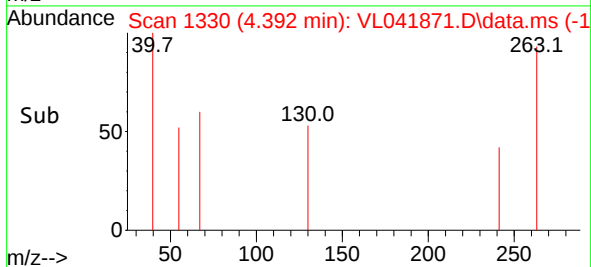
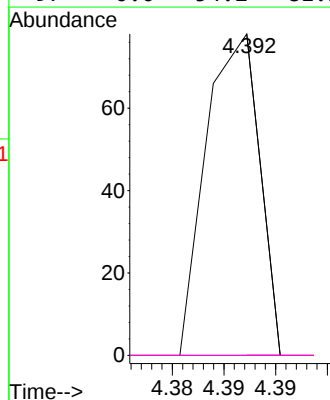
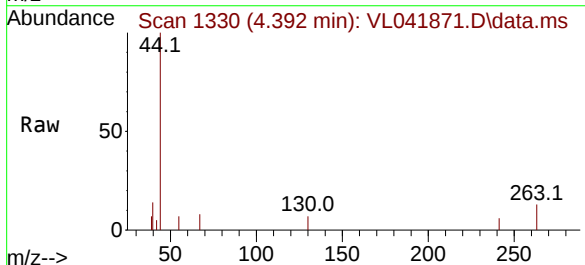
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

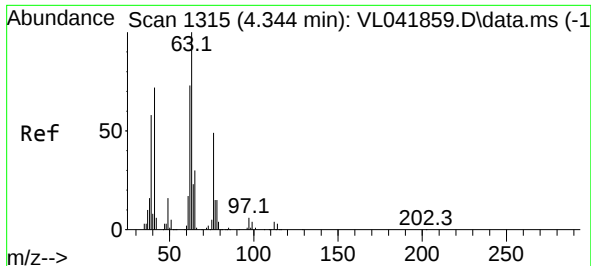
Tgt Ion: 62 Resp: 55
Ion Ratio Lower Upper
62 100
98 160.0 5.6 8.4#



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.392 min Scan# 1330
Delta R.T. -0.185 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:130 Resp: 28
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: 5.968 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.369 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

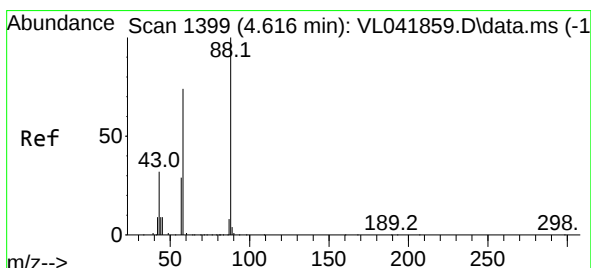
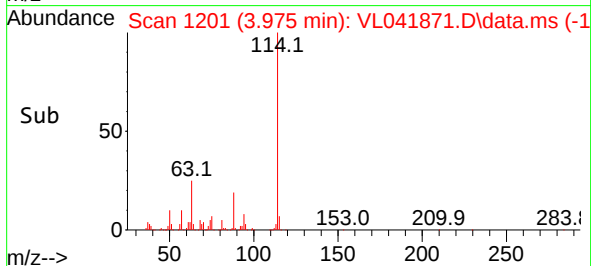
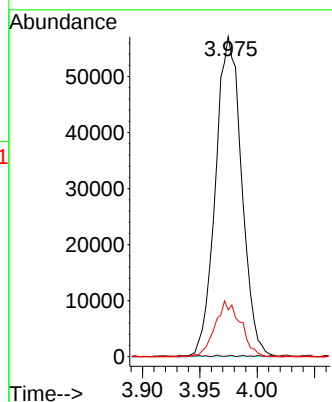
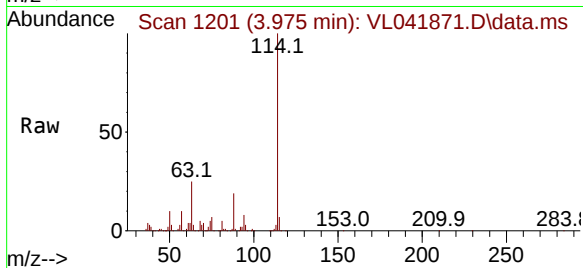
Tgt Ion: 63 Resp: 90656

Ion Ratio Lower Upper

63 100

41 0.1 58.0 87.0#

62 14.7 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 4.661 min Scan# 1413

Delta R.T. 0.045 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Tgt Ion: 88 Resp: 13

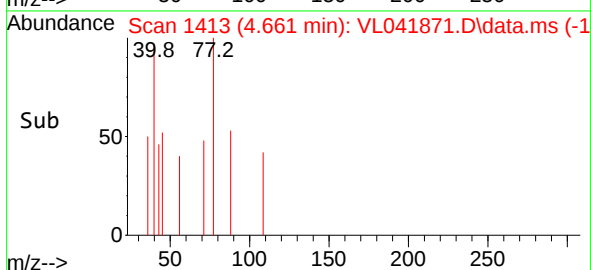
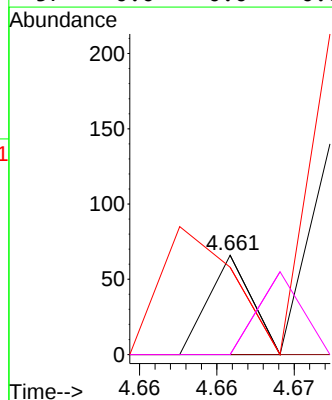
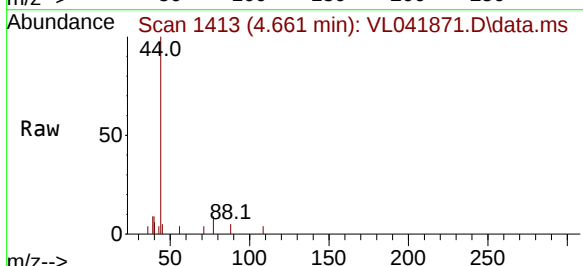
Ion Ratio Lower Upper

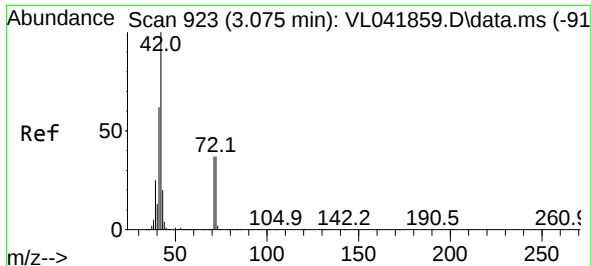
88 100

58 0.0 52.2 78.4#

43 992.3 0.0 0.0#

57 0.0 0.0 0.0

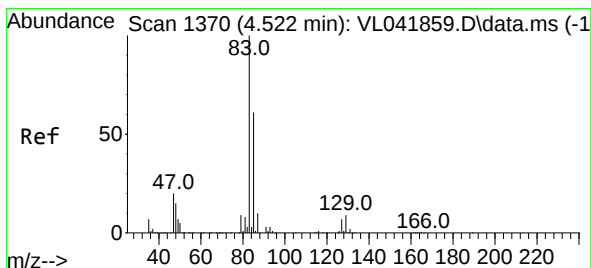
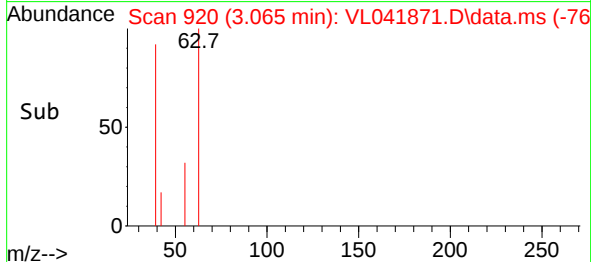
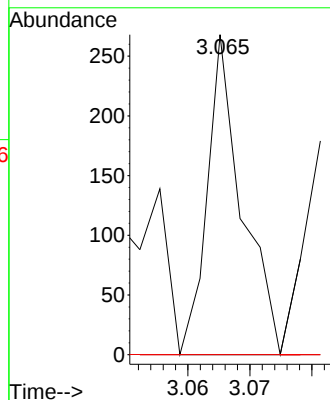
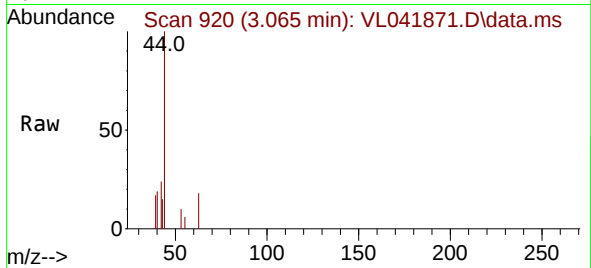




#41
Tetrahydrofuran
Concen: 0.006 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

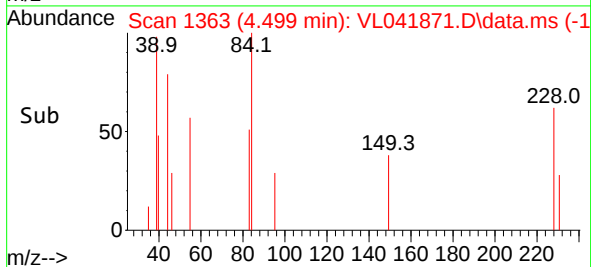
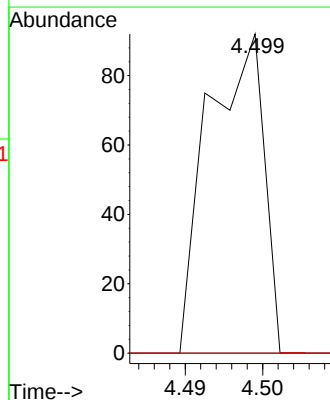
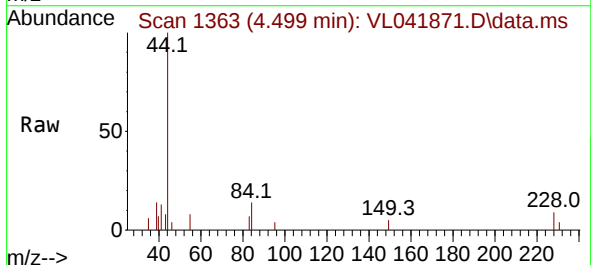
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

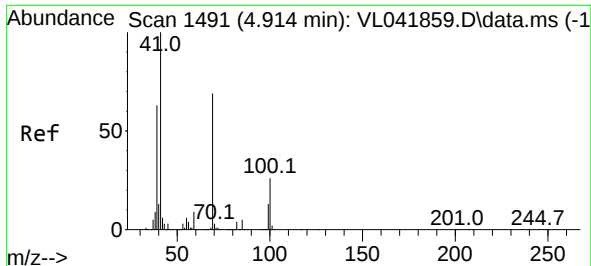
Tgt Ion: 42 Resp: 104
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.023 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 83 Resp: 46
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#

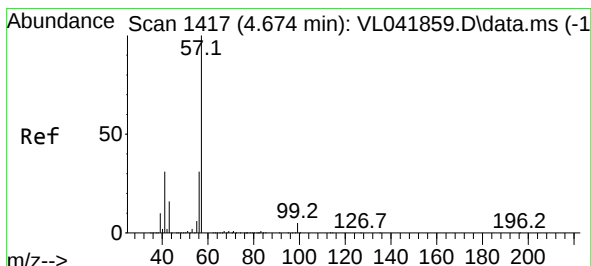
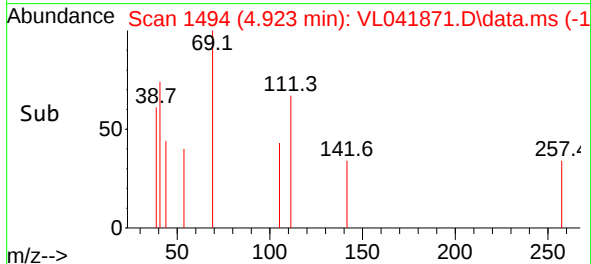
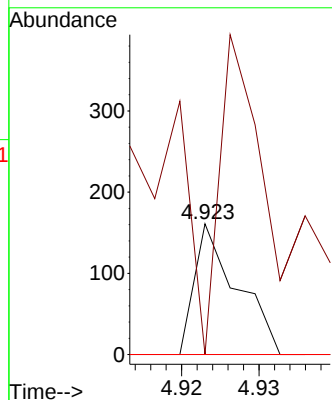
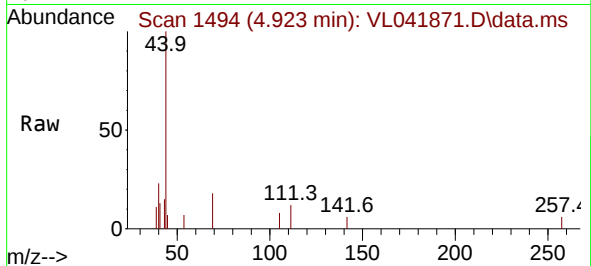




#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 4.923 min Scan# 1494
Delta R.T. 0.009 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

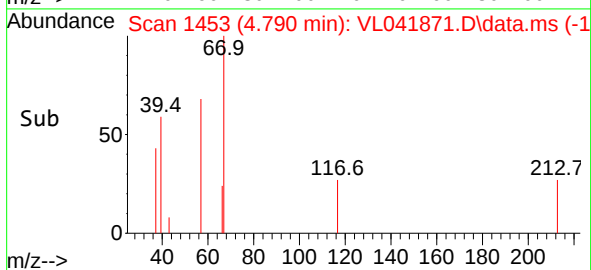
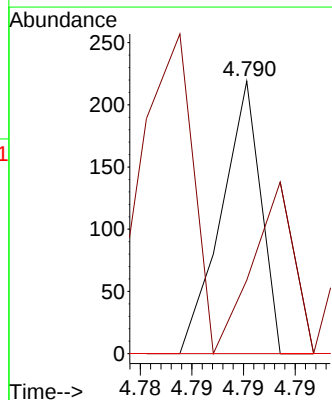
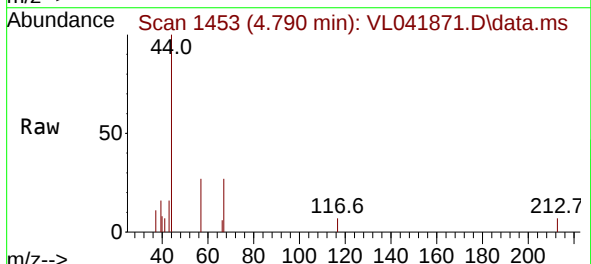
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

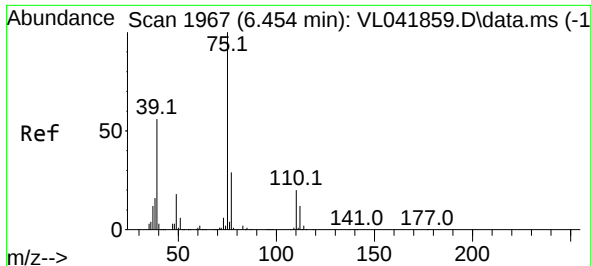
Tgt Ion: 69 Resp: 62
Ion Ratio Lower Upper
69 100
41 1446.8 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.001 ppbv
RT: 4.790 min Scan# 1453
Delta R.T. 0.116 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 57 Resp: 58
Ion Ratio Lower Upper
57 100
41 250.0 25.5 38.3#
56 67.2 25.6 38.4#

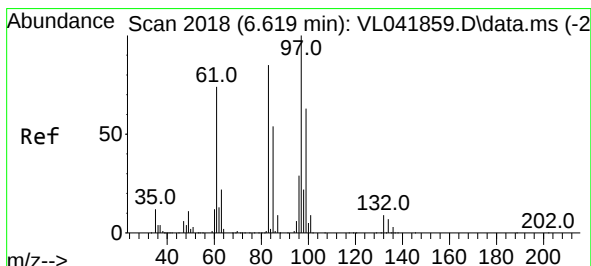
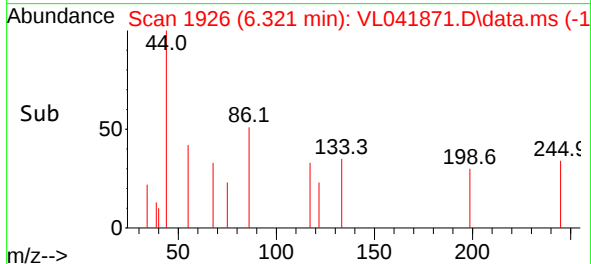
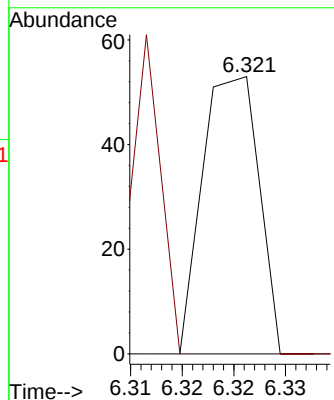
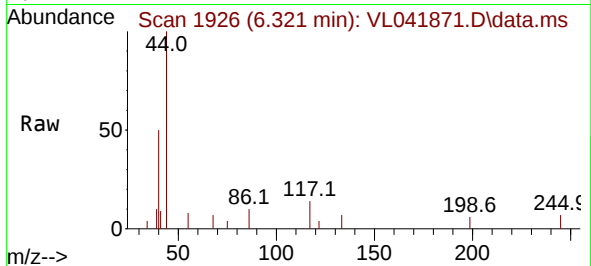




#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 6.321 min Scan# 1967
Delta R.T. -0.133 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

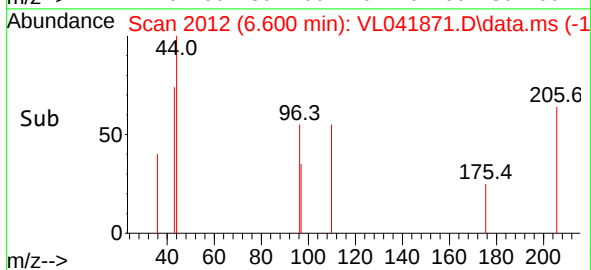
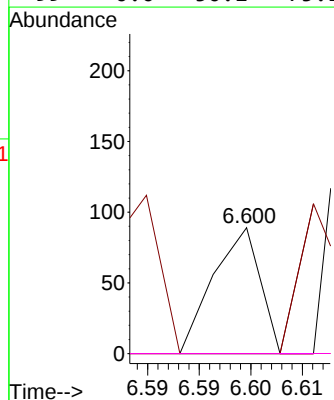
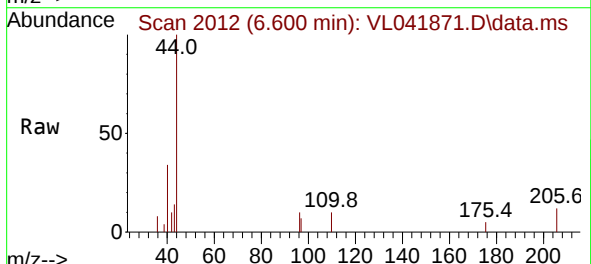
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

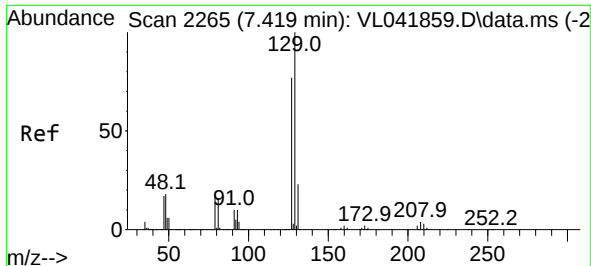
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 23.4 35.2#



#47
1,1,2-Trichloroethane
Concen: 0.002 ppbv
RT: 6.600 min Scan# 2012
Delta R.T. -0.020 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 97 Resp: 28
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#

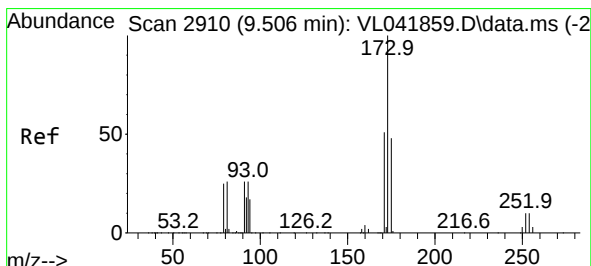
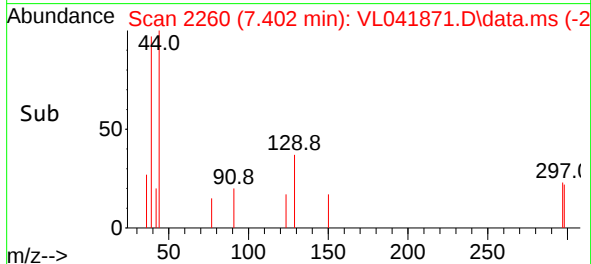
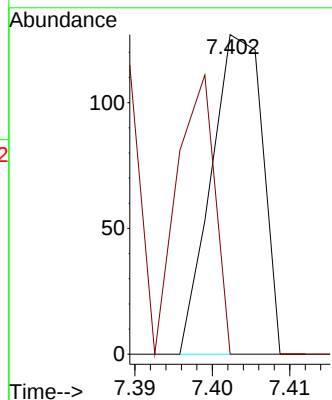
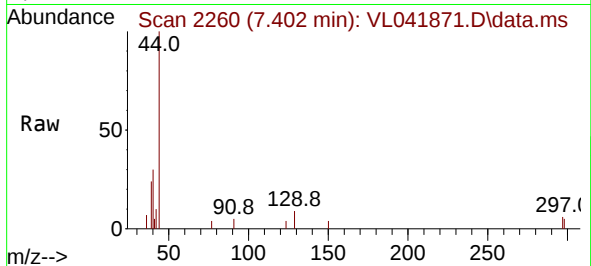




#48
Dibromochloromethane
Concen: 0.002 ppbv
RT: 7.402 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

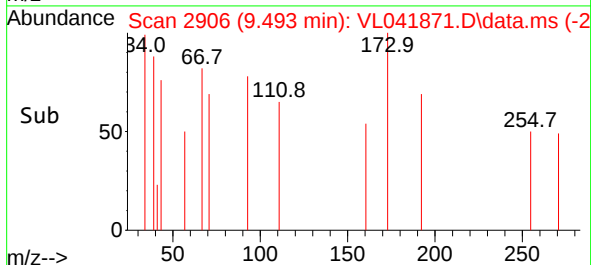
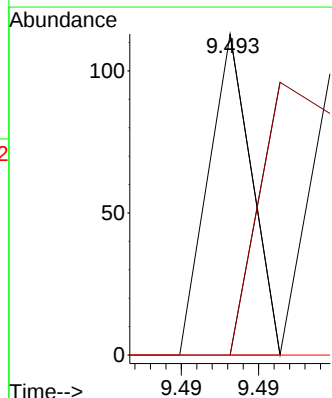
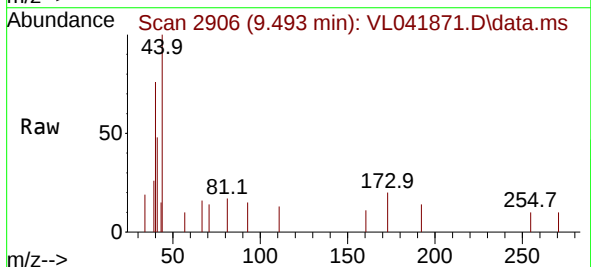
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

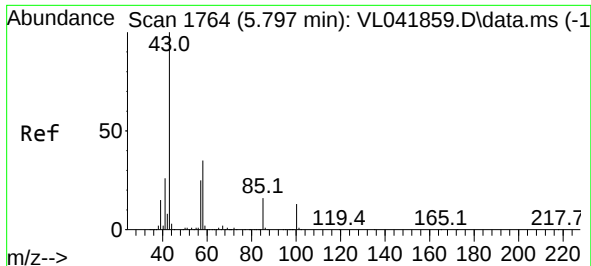
Tgt Ion:129 Resp: 58
Ion Ratio Lower Upper
129 100
127 103.4 39.4 118.1



#49
Bromoform
Concen: 0.001 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. -0.013 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:173 Resp: 22
Ion Ratio Lower Upper
173 100
175 159.1 38.2 57.2#
171 0.0 41.3 61.9#

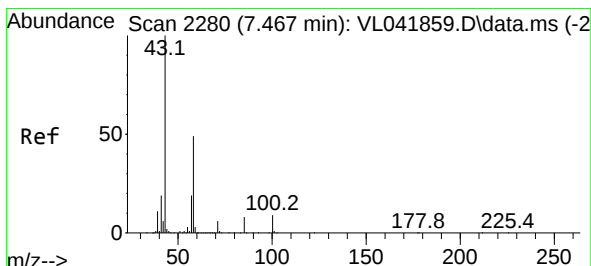
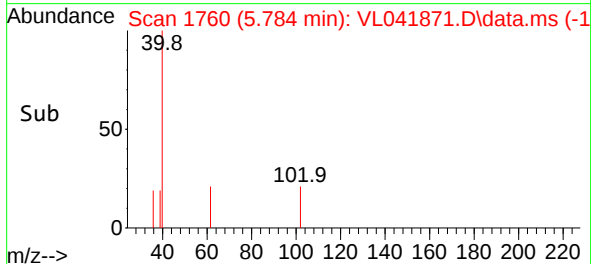
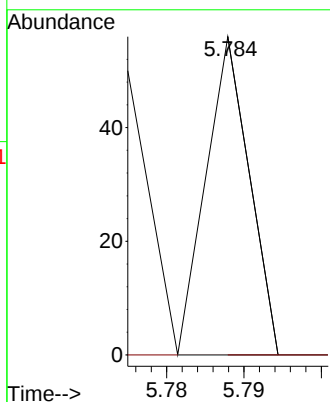
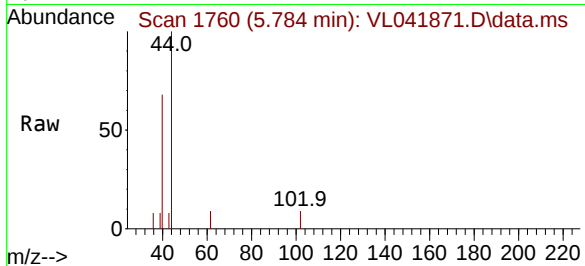




#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 5.784 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

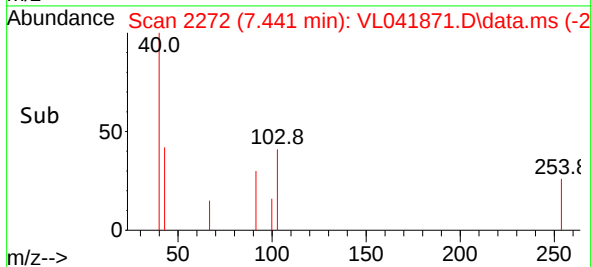
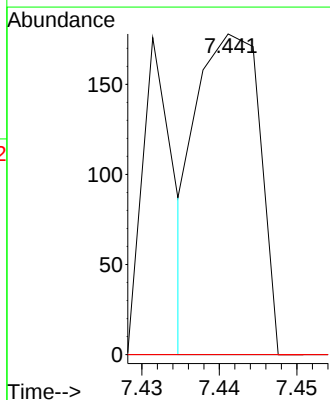
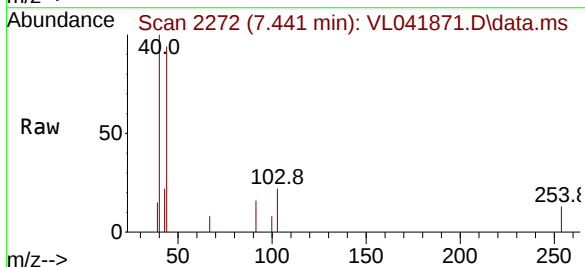
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

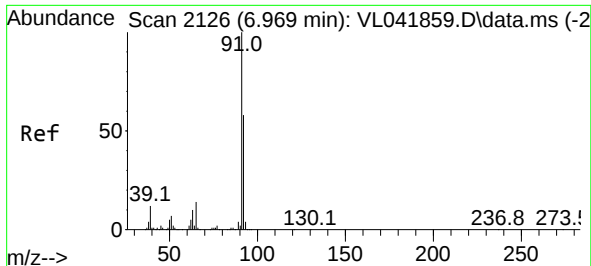
Tgt Ion: 43 Resp: 11
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#51
2-Hexanone
Concen: 0.003 ppbv
RT: 7.441 min Scan# 2272
Delta R.T. -0.026 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

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

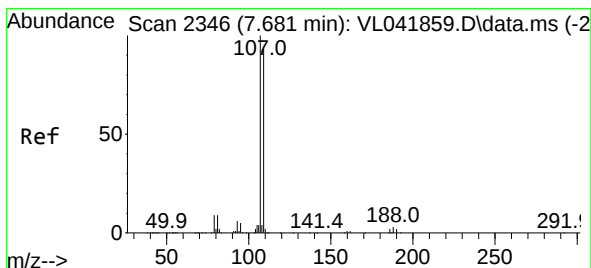
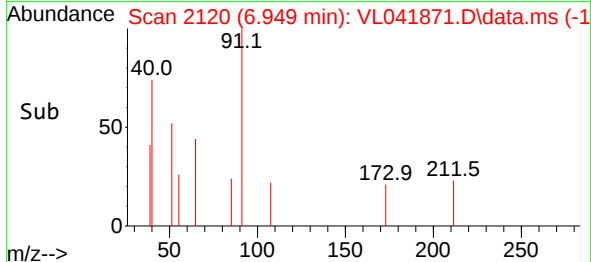
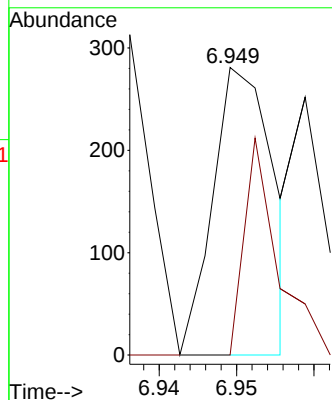
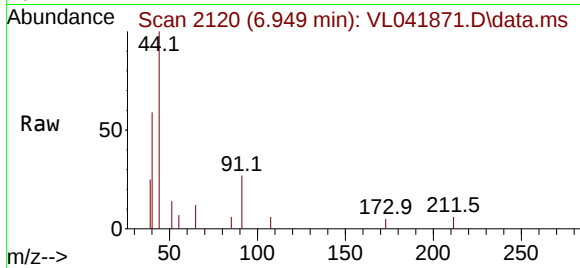




#53
Toluene
Concen: 0.003 ppbv
RT: 6.949 min Scan# 2126
Delta R.T. -0.020 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

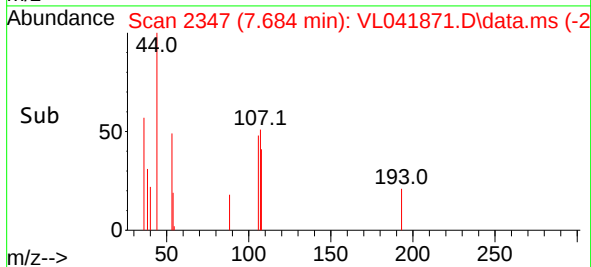
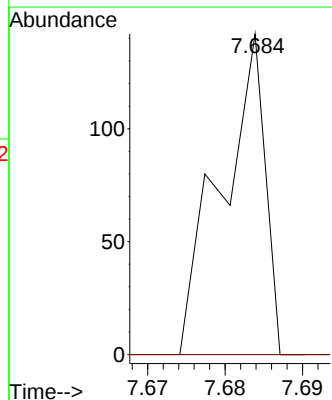
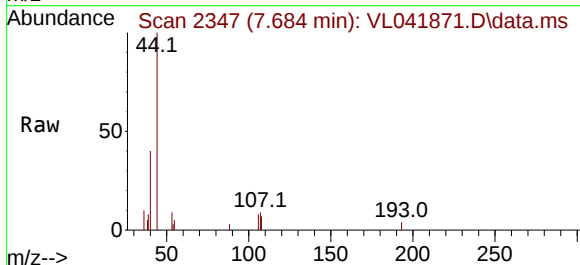
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

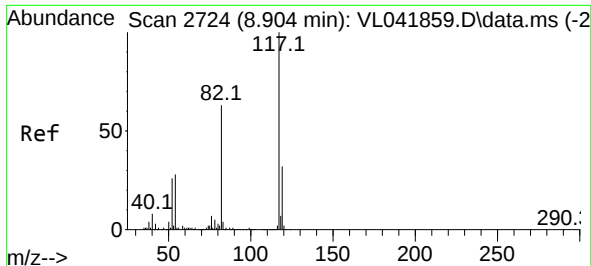
Tgt Ion: 91 Resp: 154
Ion Ratio Lower Upper
91 100
92 59.1 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 7.684 min Scan# 2347
Delta R.T. 0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 107 Resp: 56
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#

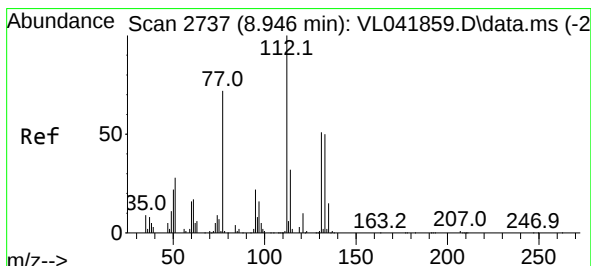
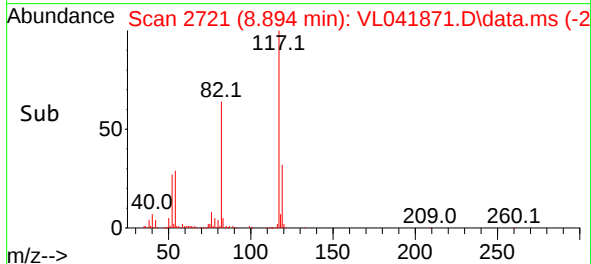
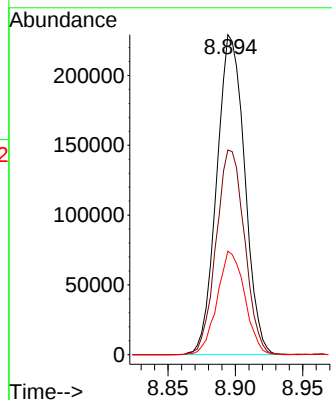
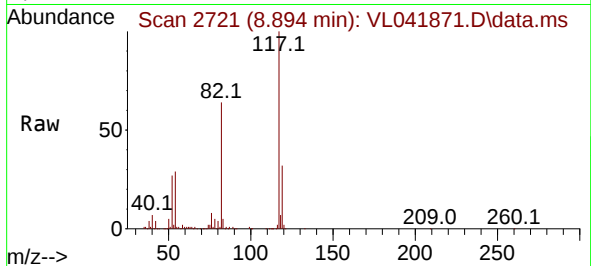




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

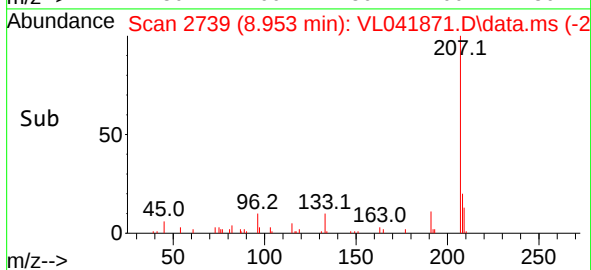
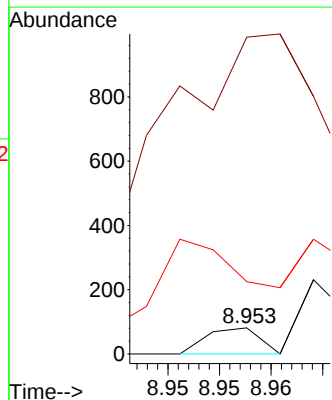
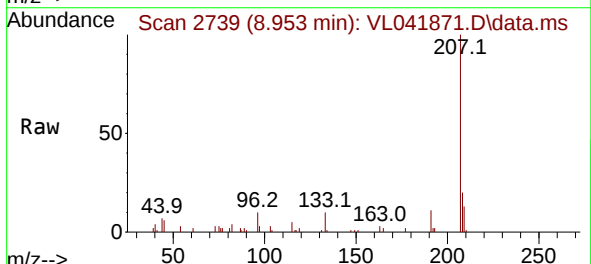
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

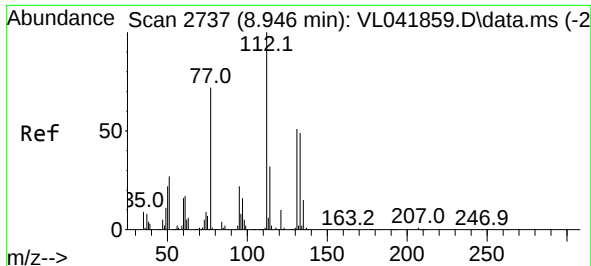
Tgt Ion:117 Resp: 330684
Ion Ratio Lower Upper
117 100
82 65.1 54.5 81.7
119 32.1 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 8.953 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:131 Resp: 29
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 364558.6 49.4 74.0#

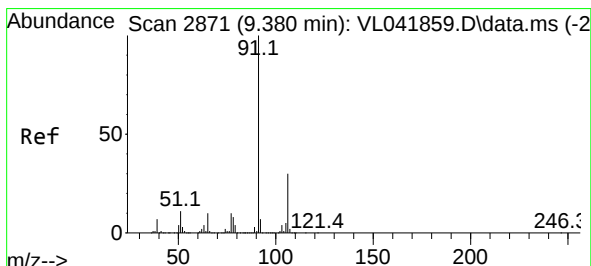
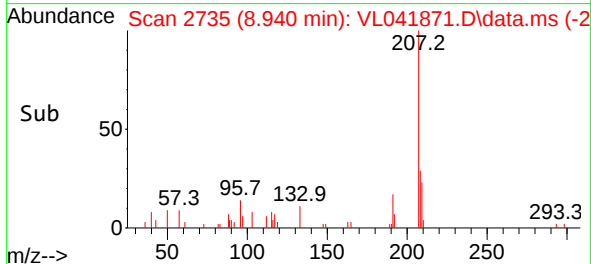
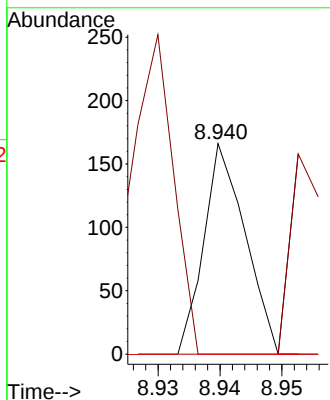
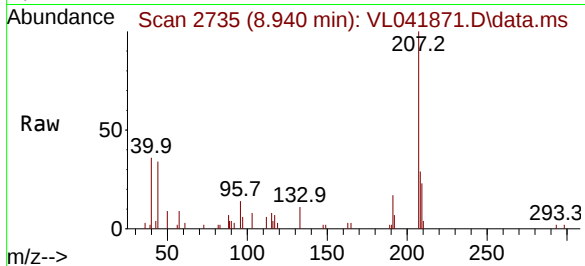




#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 8.940 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

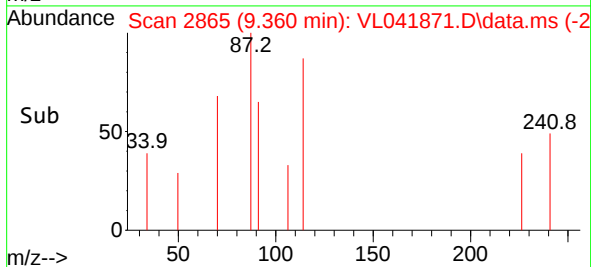
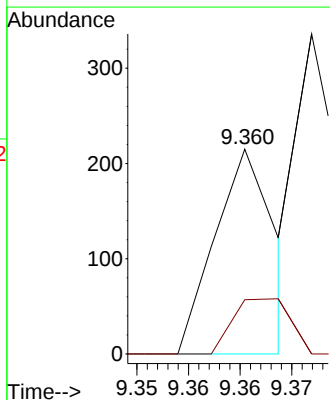
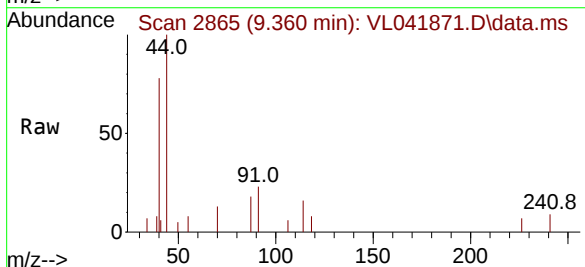
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

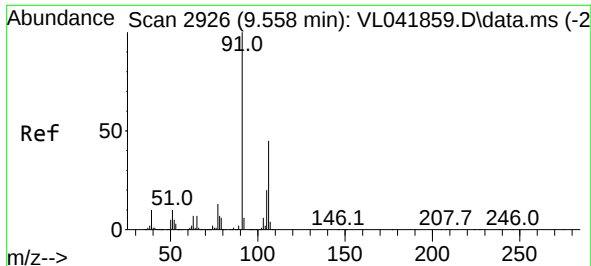
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
77 0.0 58.3 87.5#
114 0.0 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.020 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 91 Resp: 87
Ion Ratio Lower Upper
91 100
106 26.5 24.2 36.2





#59

m/p-Xylene

Concen: 0.002 ppbv

RT: 9.545 min Scan# 2926

Delta R.T. -0.013 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

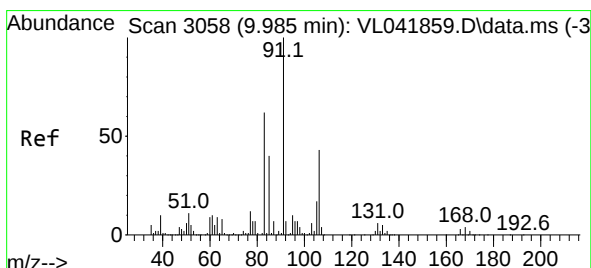
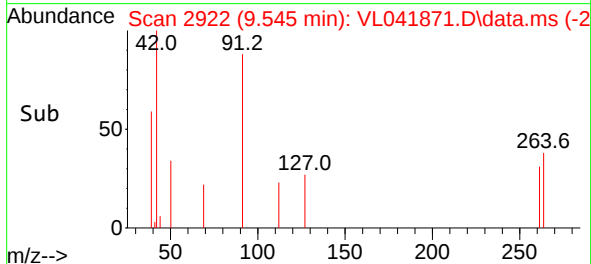
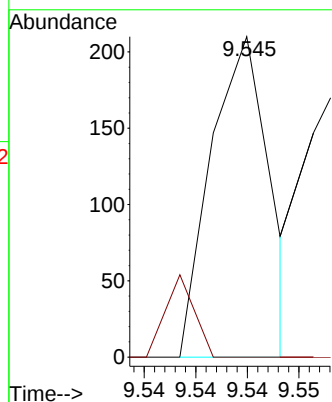
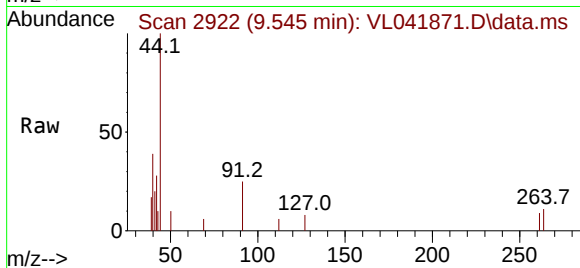
VIBLK

Tgt Ion: 91 Resp: 85

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.005 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041871.D

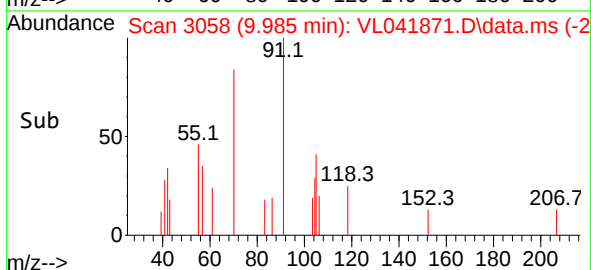
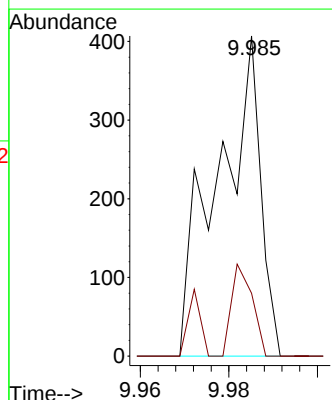
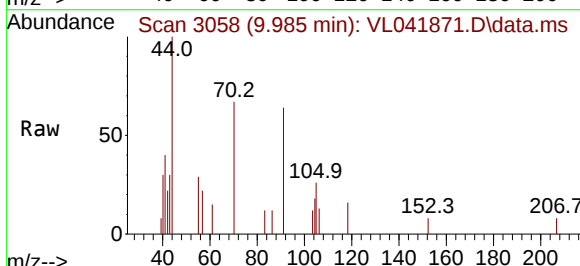
Acq: 09 Jan 2025 18:02

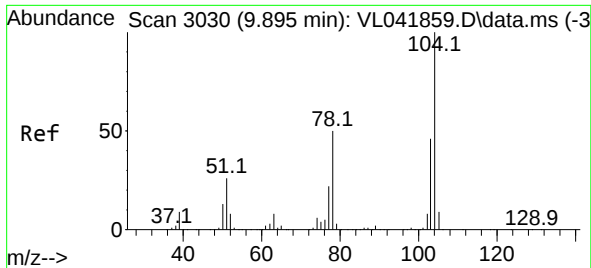
Tgt Ion: 91 Resp: 273

Ion Ratio Lower Upper

91 100

106 0.0 21.4 64.3#





#61

Styrene

Concen: 0.005 ppbv

RT: 9.878 min Scan# 3030

Delta R.T. -0.016 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

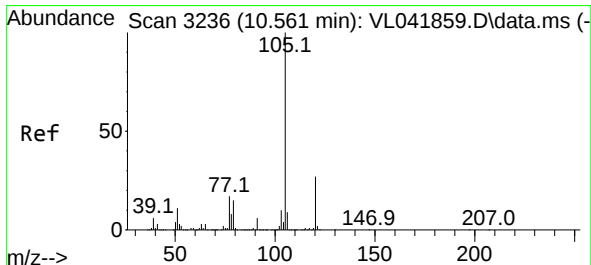
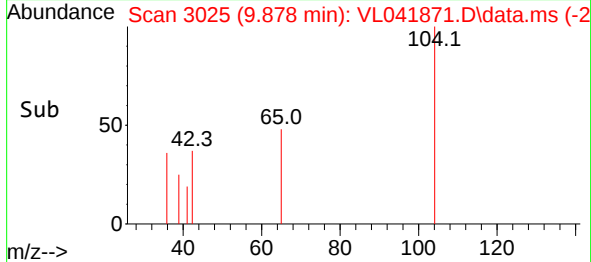
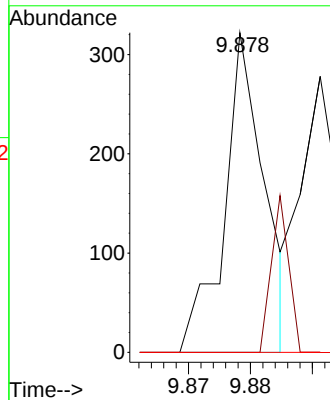
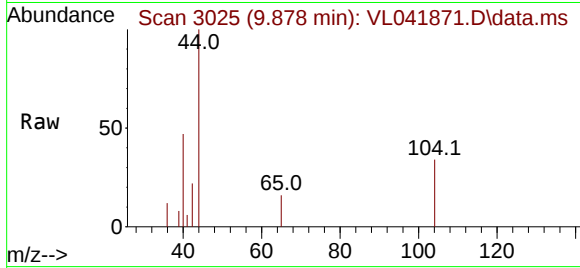
Tgt Ion:104 Resp: 146

Ion Ratio Lower Upper

104 100

78 0.0 40.7 61.1#

103 0.0 37.0 55.6#



#62

Isopropylbenzene

Concen: 0.004 ppbv

RT: 10.561 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VL041871.D

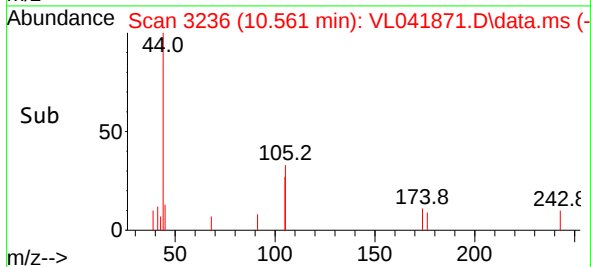
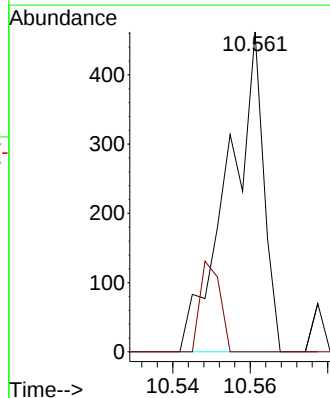
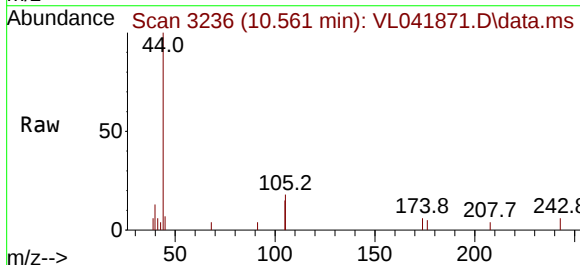
Acq: 09 Jan 2025 18:02

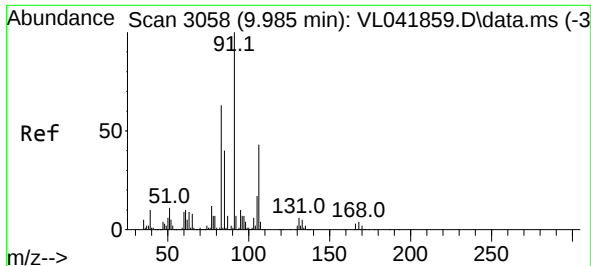
Tgt Ion:105 Resp: 293

Ion Ratio Lower Upper

105 100

120 3.4 20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.029 min

Lab File: VL041871.D

Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

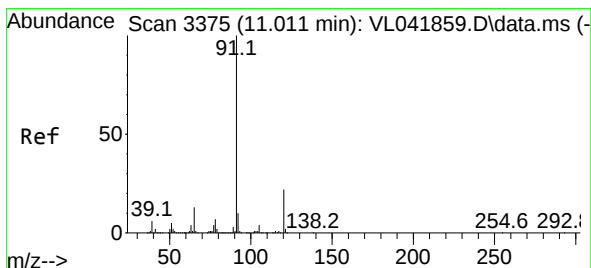
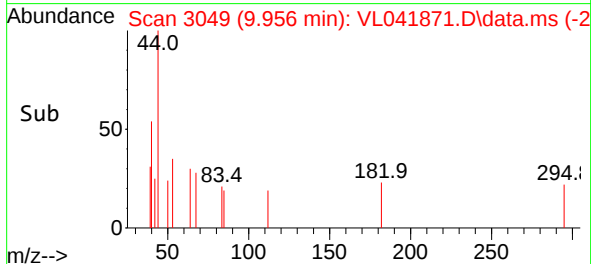
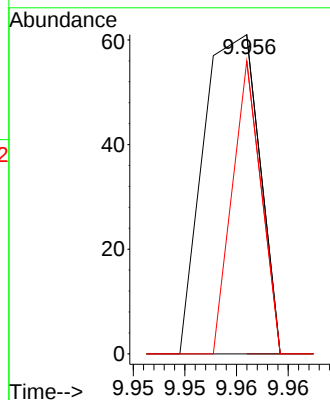
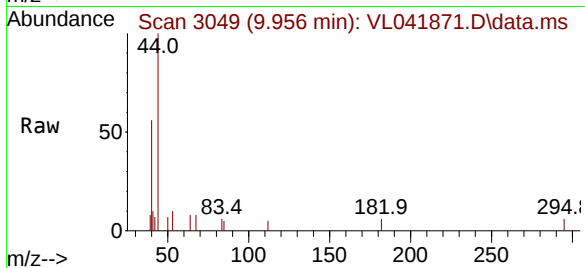
Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.1 96.3#



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. -0.013 min

Lab File: VL041871.D

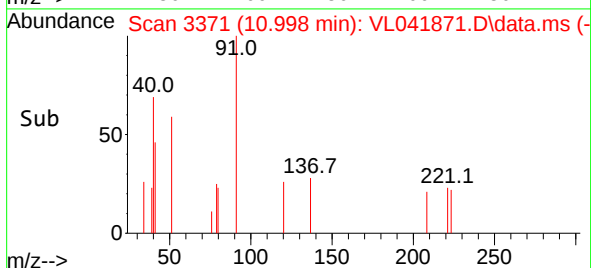
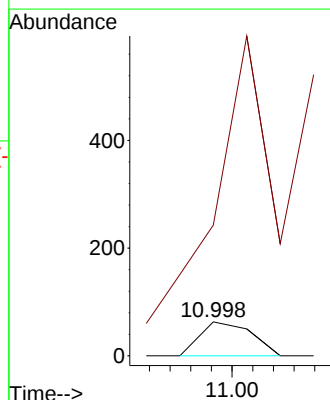
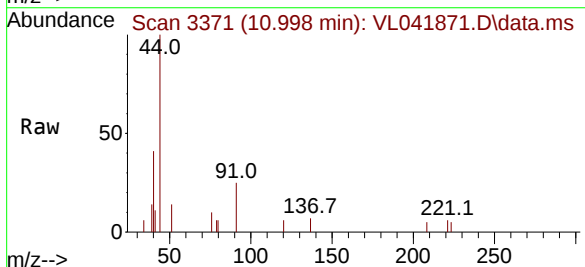
Acq: 09 Jan 2025 18:02

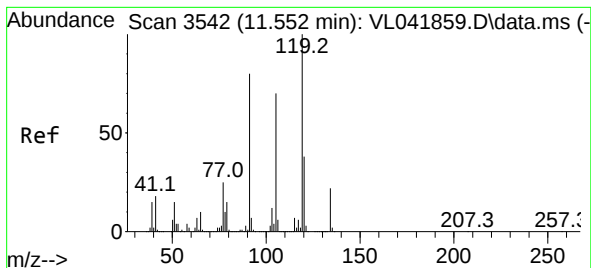
Tgt Ion:120 Resp: 22

Ion Ratio Lower Upper

120 100

91 2504.5 376.9 565.3#

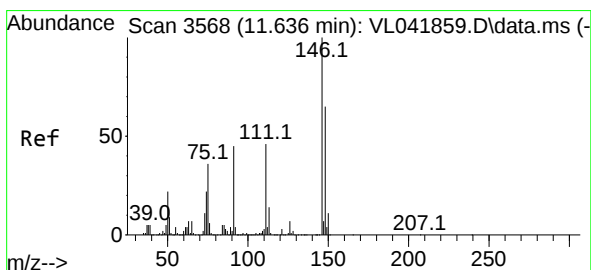
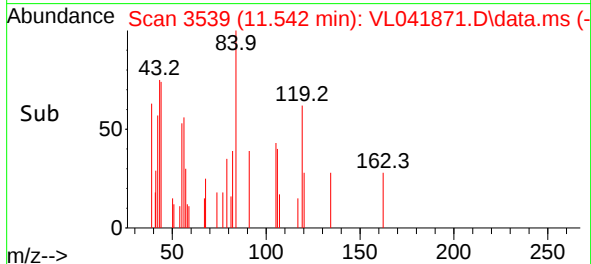
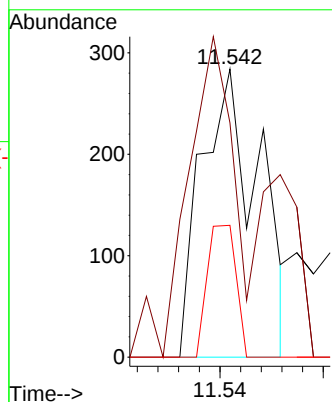
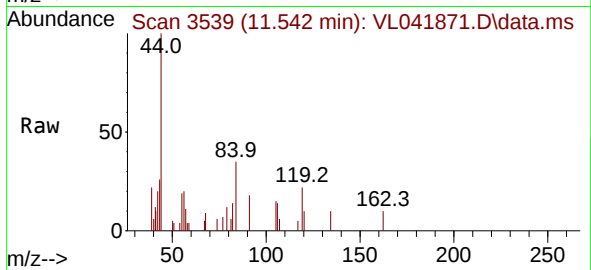




#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

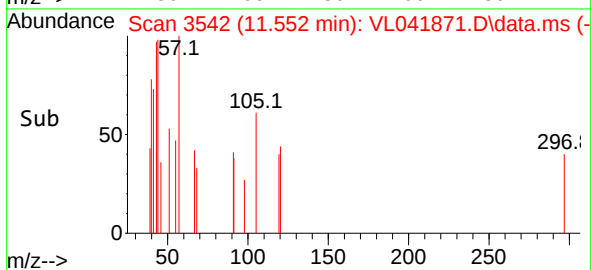
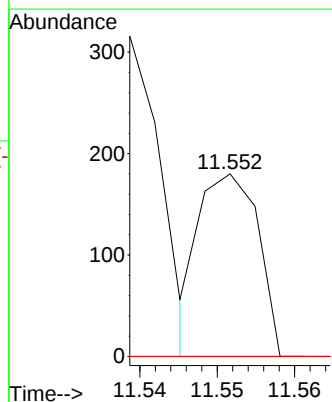
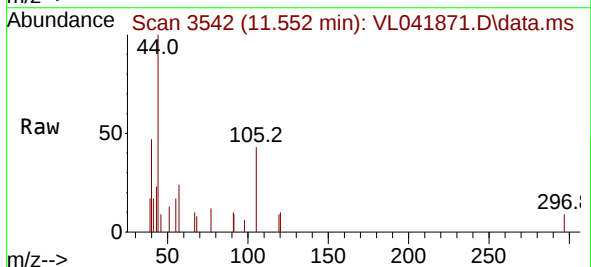
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

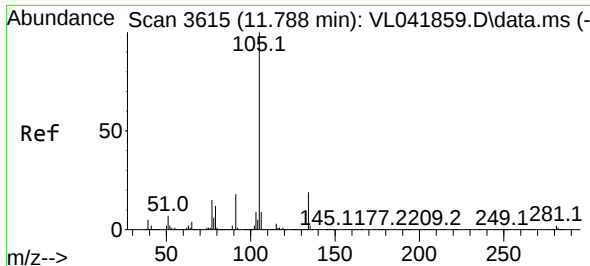
Tgt Ion:119 Resp: 219
Ion Ratio Lower Upper
119 100
91 134.2 64.6 97.0#
134 0.0 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.013 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.084 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

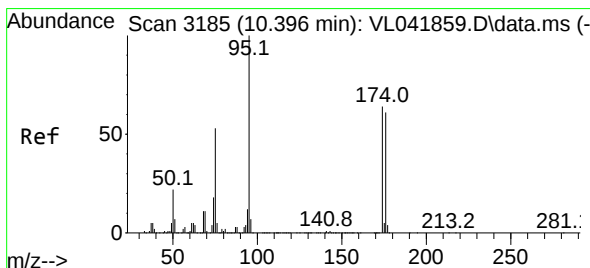
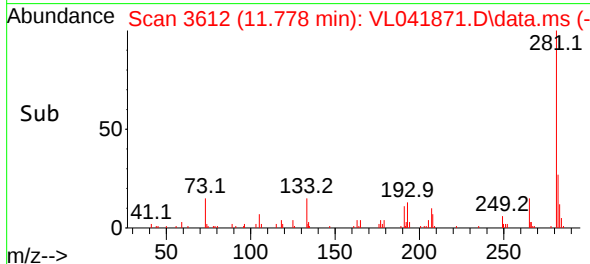
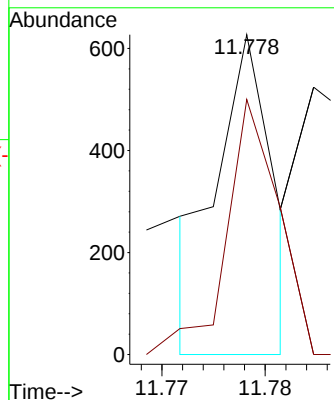
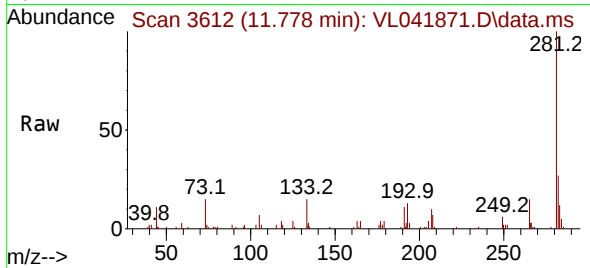




#67
 sec-Butylbenzene
 Concen: 0.002 ppbv
 RT: 11.778 min Scan# 3183
 Delta R.T. -0.010 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

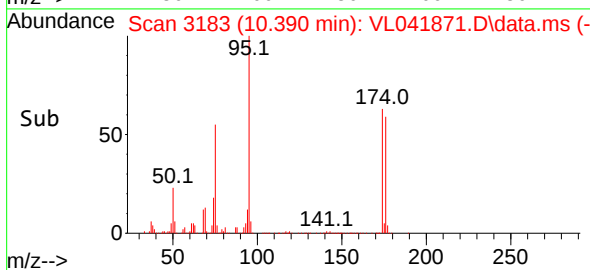
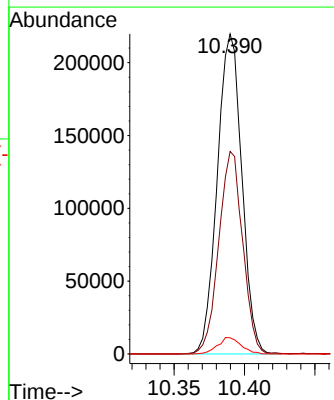
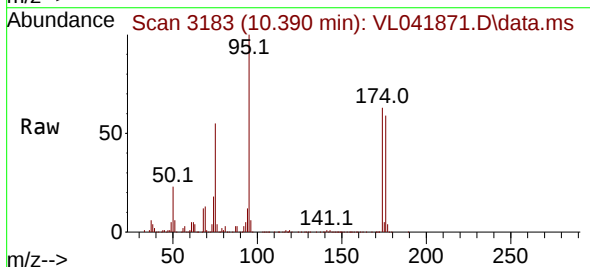
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

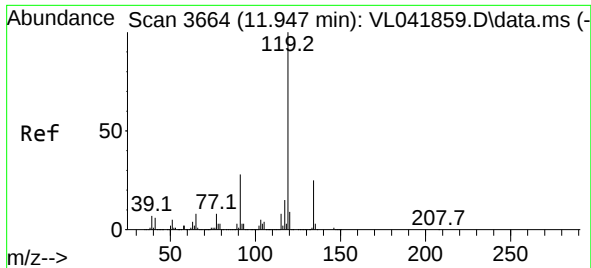
Tgt Ion:105 Resp: 233
 Ion Ratio Lower Upper
 105 100
 134 109.9 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.075 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion: 95 Resp: 267140
 Ion Ratio Lower Upper
 95 100
 174 61.6 51.1 76.7
 175 4.9 3.8 5.8

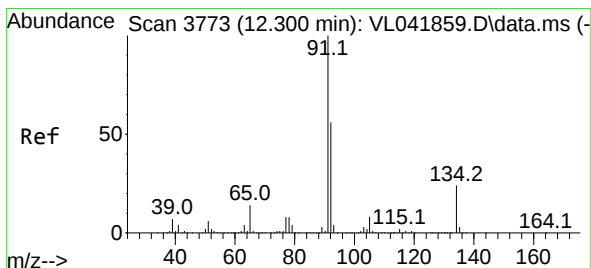
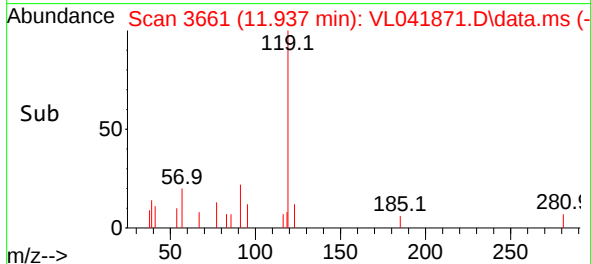
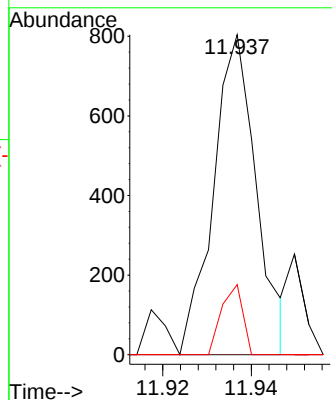
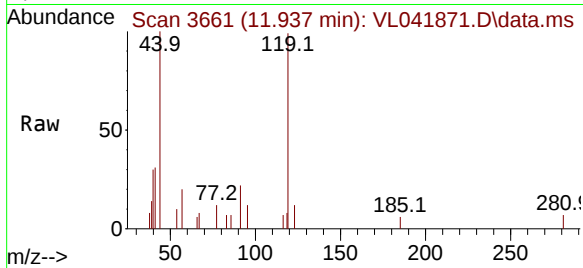




#69
 p-Isopropyltoluene
 Concen: 0.006 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. -0.010 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

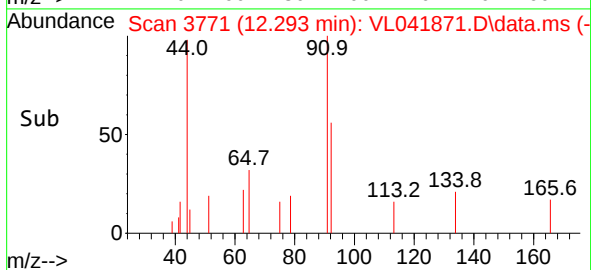
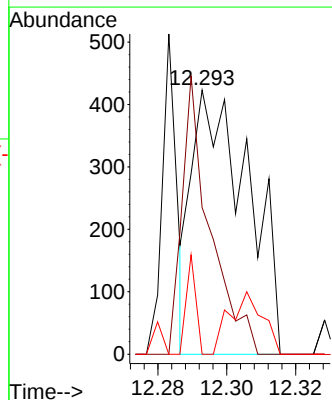
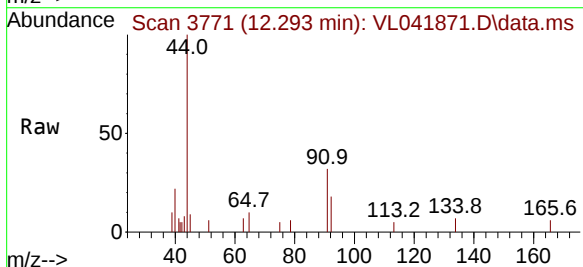
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

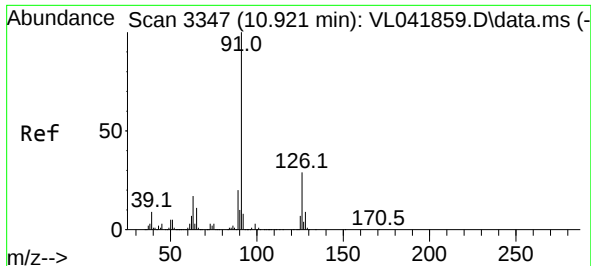
Tgt Ion:	119	Resp:	543
Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	22.6	34.0#



#70
 n-Butylbenzene
 Concen: 0.006 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. -0.007 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion:	91	Resp:	477
Ion	Ratio	Lower	Upper
91	100		
92	52.6	43.8	65.8
134	20.3	19.3	28.9

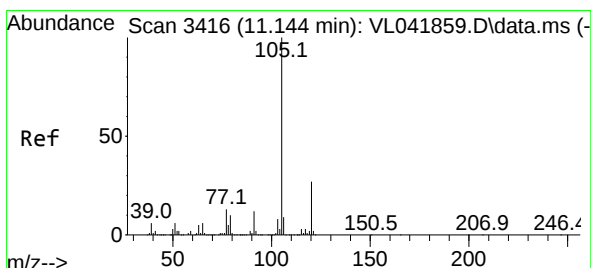
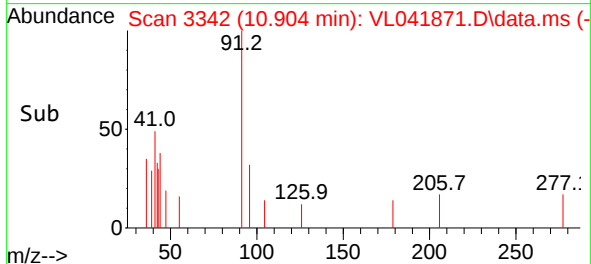
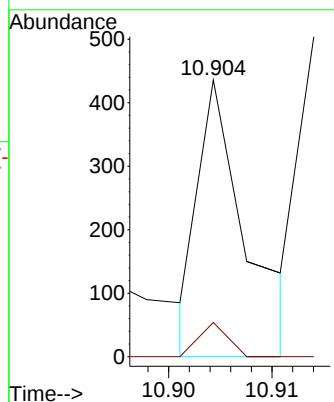
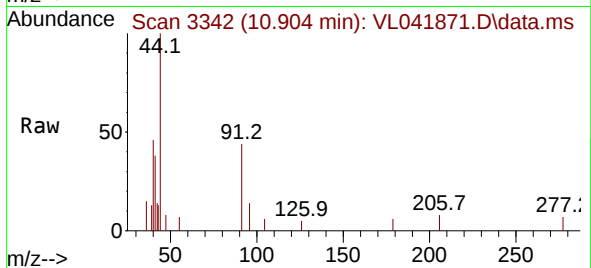




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 10.904 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

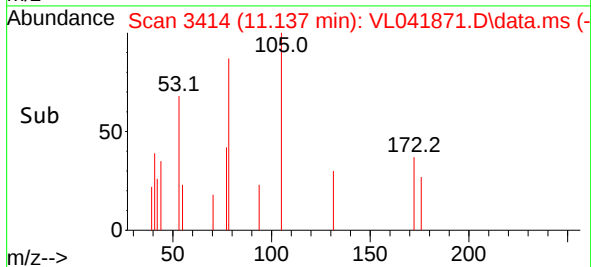
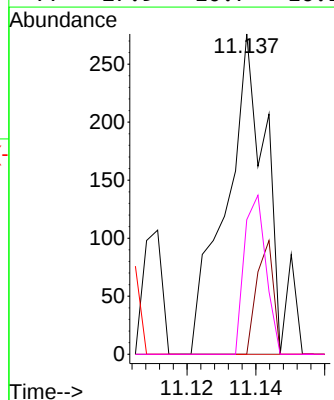
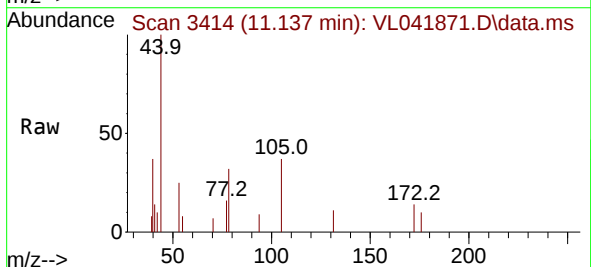
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

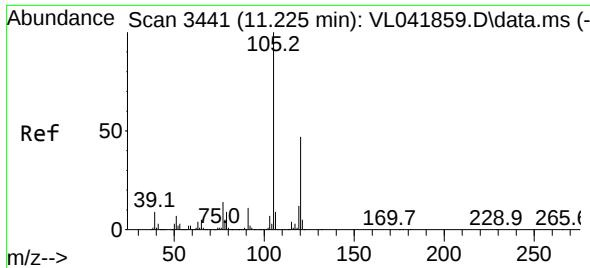
Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 7.2 11.6 46.6#



#72
4-Ethyltoluene
Concen: 0.003 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.007 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion: 105 Resp: 215
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 0.0 9.8 14.8#
77 27.9 10.7 16.1#

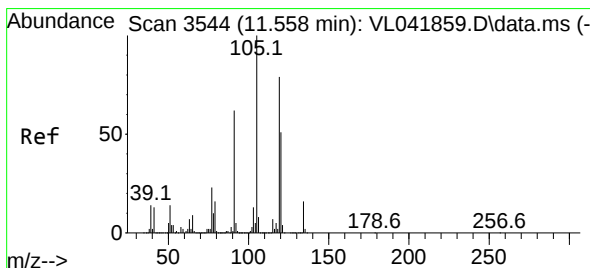
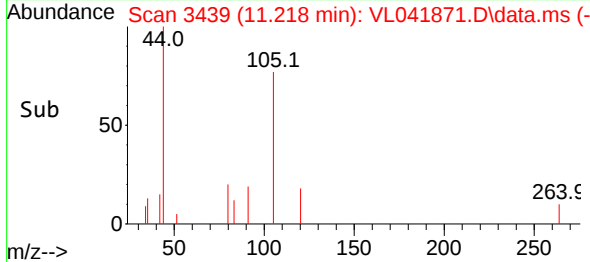
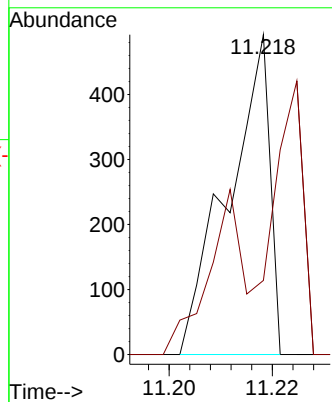
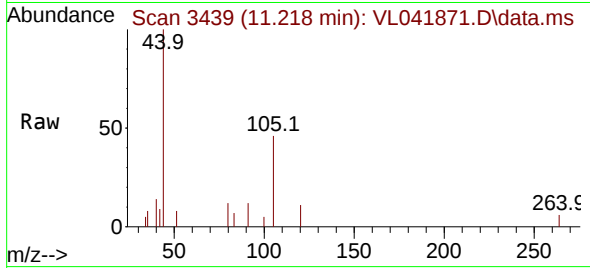




#73
 1,3,5-Trimethylbenzene
 Concen: 0.005 ppbv
 RT: 11.218 min Scan# 3441
 Delta R.T. -0.007 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

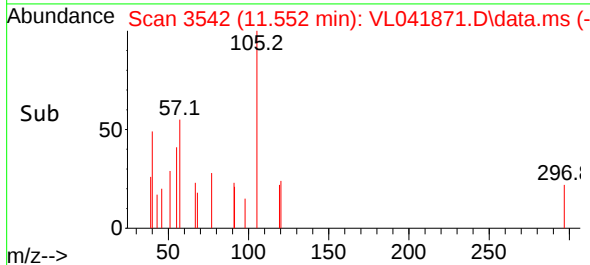
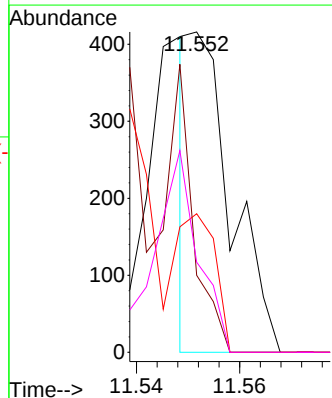
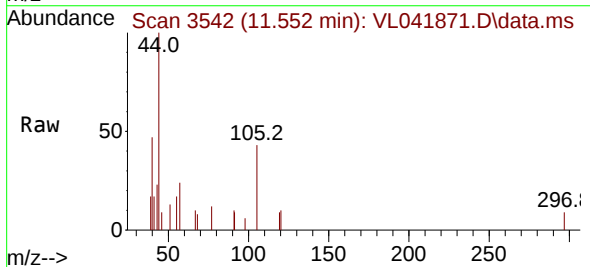
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

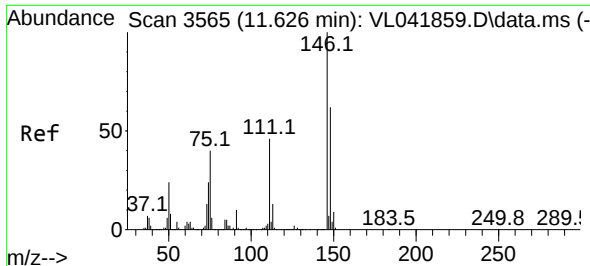
Tgt Ion:105 Resp: 275
 Ion Ratio Lower Upper
 105 100
 120 12.4 37.2 55.8#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.004 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. -0.007 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion:105 Resp: 232
 Ion Ratio Lower Upper
 105 100
 120 24.0 41.1 61.7#
 91 43.3 50.0 75.0#
 77 28.1 18.2 27.4#

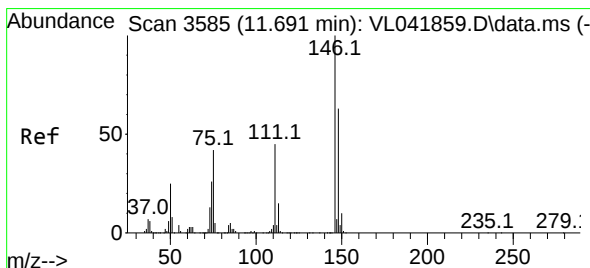
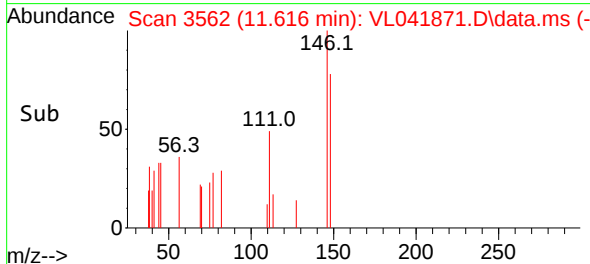
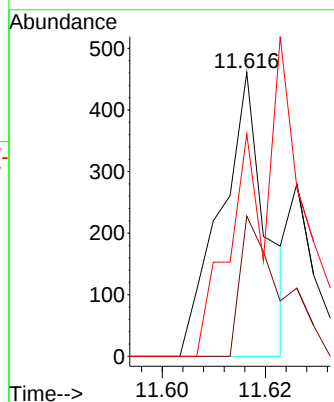
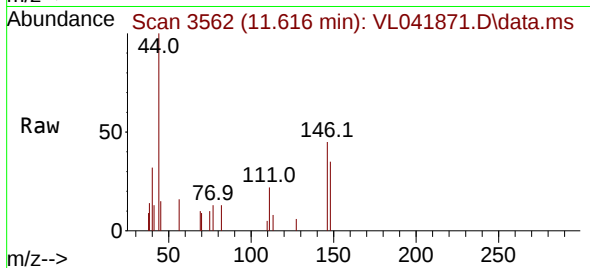




#75
1,3-Dichlorobenzene
Concen: 0.008 ppbv
RT: 11.616 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

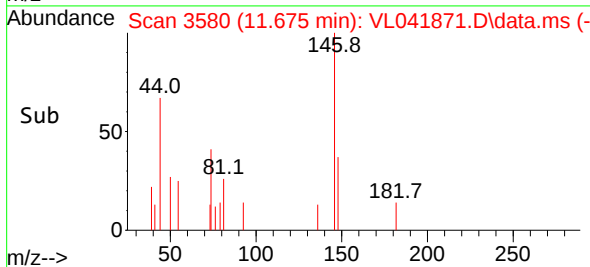
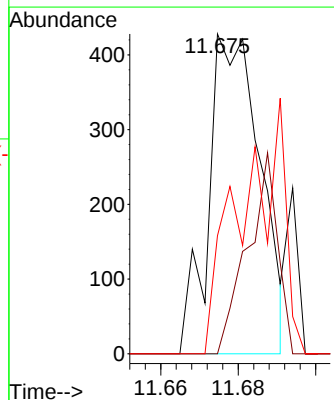
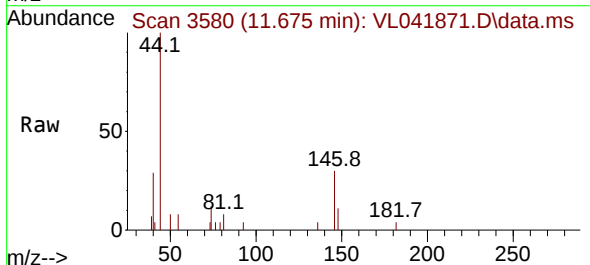
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

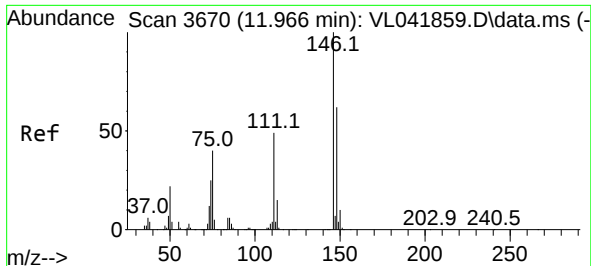
Tgt Ion:146 Resp: 276
Ion Ratio Lower Upper
146 100
111 45.7 23.2 69.5
148 0.0 31.6 94.7#



#76
1,4-Dichlorobenzene
Concen: 0.011 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.016 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:146 Resp: 396
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#

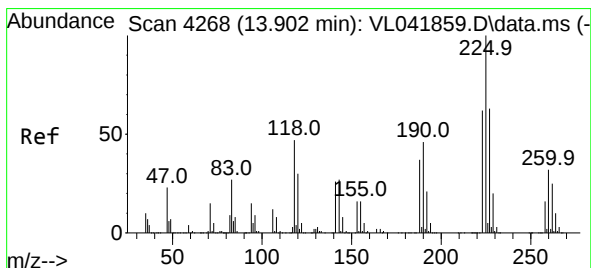
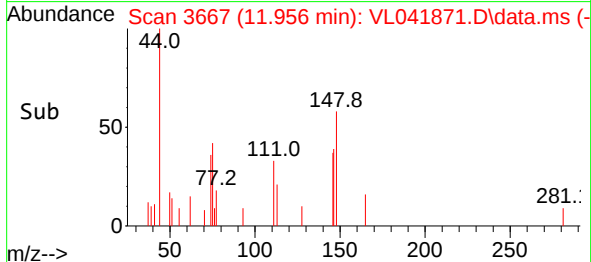
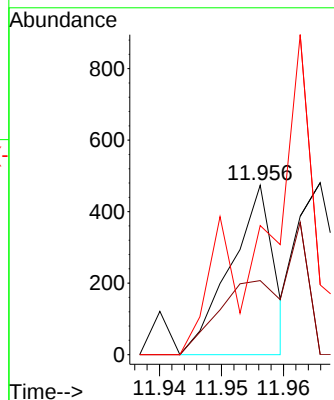
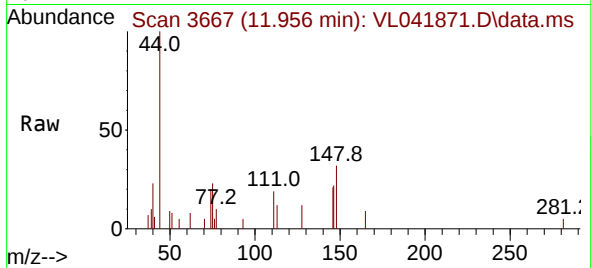




#77
 1,2-Dichlorobenzene
 Concen: 0.007 ppbv
 RT: 11.956 min Scan# 3667
 Delta R.T. -0.010 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

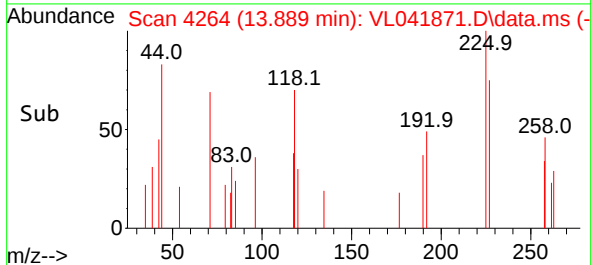
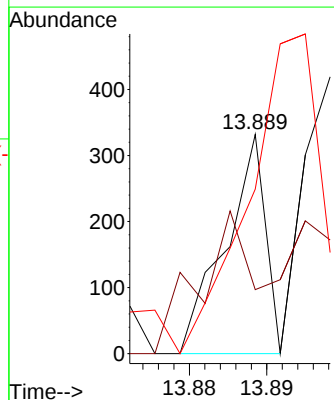
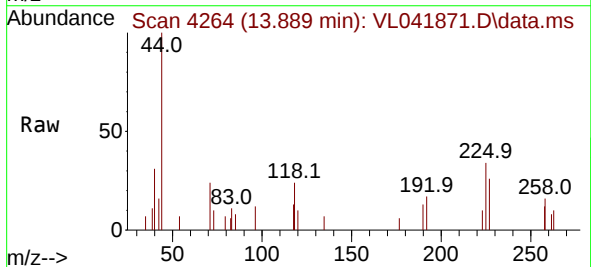
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

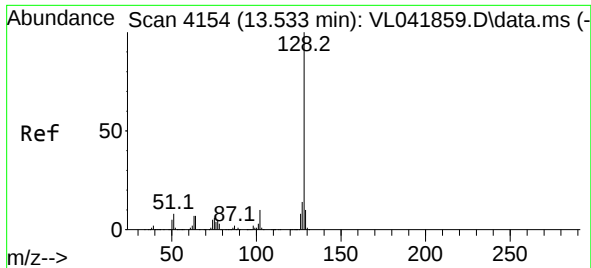
Tgt Ion:146 Resp: 231
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.1 72.3#
 148 0.0 31.5 94.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.004 ppbv
 RT: 13.889 min Scan# 4264
 Delta R.T. -0.013 min
 Lab File: VL041871.D
 Acq: 09 Jan 2025 18:02

Tgt Ion:225 Resp: 120
 Ion Ratio Lower Upper
 225 100
 223 161.7 50.6 75.8#
 227 0.0 50.9 76.3#

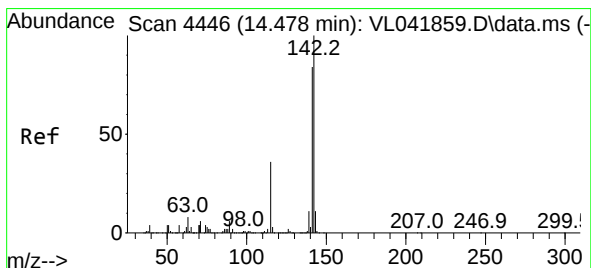
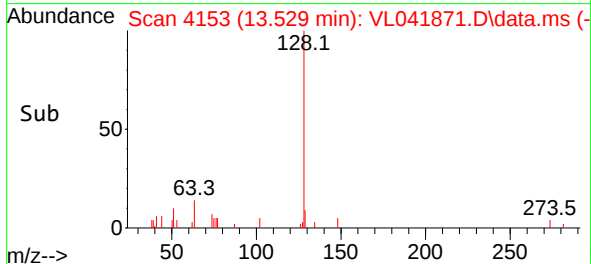
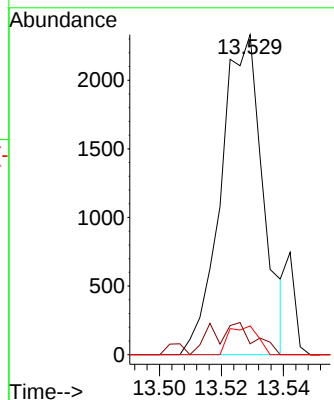
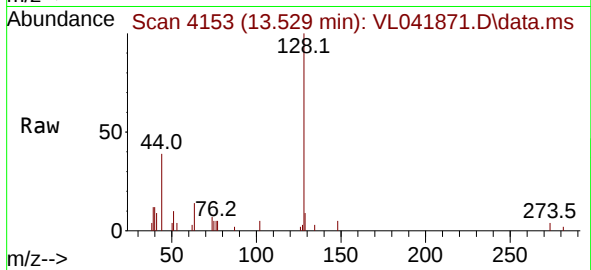




#79
Naphthalene
Concen: 0.034 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. -0.003 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

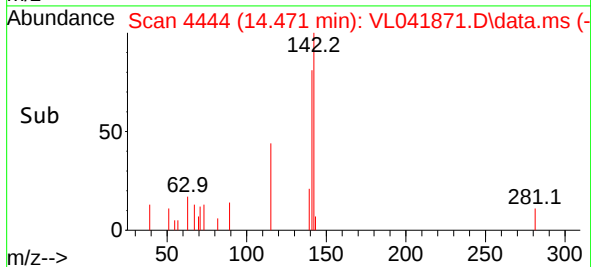
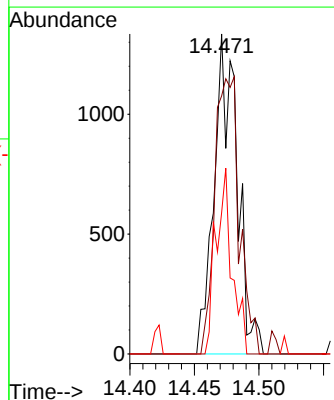
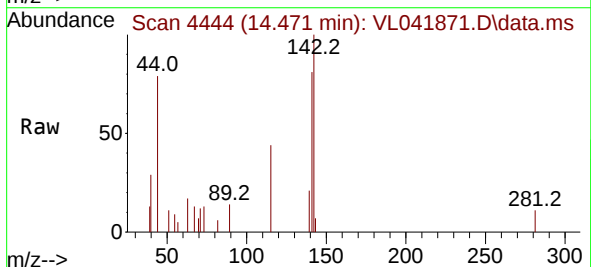
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

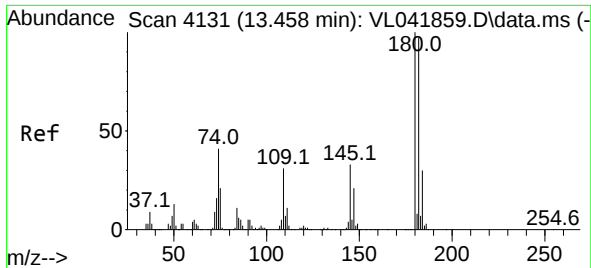
Tgt Ion:128 Resp: 2193
Ion Ratio Lower Upper
128 100
127 3.1 10.8 16.2#
129 8.3 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 0.047 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.007 min
Lab File: VL041871.D
Acq: 09 Jan 2025 18:02

Tgt Ion:142 Resp: 1661
Ion Ratio Lower Upper
142 100
141 93.3 68.2 102.4
115 40.4 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.040 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041871.D

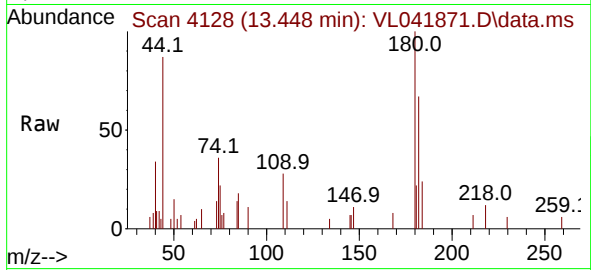
Acq: 09 Jan 2025 18:02

Instrument :

MSVOA_L

ClientSampleId :

VIBLK



Tgt Ion:180 Resp: 1252

Ion Ratio Lower Upper

180 100

182 83.1 75.8 113.8

184 26.8 24.1 36.1

