

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041869.D
 Acq On : 09 Jan 2025 17:01
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:41:56 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	128032	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	380928	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	344690	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	280854	10.162	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	982	0.047	ppbv #	74
3) Chlorodifluoromethane	1.890	51	578	0.025	ppbv	96
4) Chloromethane	1.538	50	658	0.081	ppbv #	68
5) Vinyl Chloride	1.589	62	83	0.010	ppbv #	45
6) Bromomethane	1.683	94	65	0.016	ppbv #	3
7) Chloroethane	1.719	64	51	0.015	ppbv #	21
8) Dichlorotetrafluoroethane	1.670	85	67	0.004	ppbv	99
9) Propene	1.489	41	1511	0.140	ppbv #	57
10) Heptane	5.014	43	68	0.002	ppbv #	27
11) Trichlorofluoromethane	1.887	101	638	0.030	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	93	0.005	ppbv	90
13) Ethanol	1.729	45	13368	19.538	ppbv	87
14) Bromoethene	1.742	108	35	0.006	ppbv #	1
15) Acetone	1.845	43	5565	0.258	ppbv	94
16) 1,3-Butadiene	1.612	39	348	0.038	ppbv #	12
17) tert-Butyl alcohol	2.056	59	112	0.005	ppbv #	1
18) 1,1-Dichloroethene	2.046	96	31	0.004	ppbv #	1
19) Isopropyl Alcohol	1.729	45	13368	1.178	ppbv #	34
20) Methylene Chloride	2.068	84	2332	0.317	ppbv	93
21) Allyl Chloride	2.111	41	261	0.019	ppbv #	21
22) trans-1,2-Dichloroethene	2.353	96	74	0.008	ppbv #	1
23) Vinyl Acetate	2.480	43	414	0.038	ppbv #	78
24) 1,1-Dichloroethane	2.418	63	39	0.002	ppbv #	1
25) Ethyl Acetate	2.861	43	186	0.003	ppbv #	74
26) Hexane	2.842	57	1186	0.054	ppbv #	63
27) Carbon Disulfide	2.166	76	57	0.003	ppbv #	1
28) Methyl tert-Butyl Ether	2.496	73	40	0.002	ppbv #	1
29) Chloroform	2.509	83	53	0.002	ppbv	84
30) Cyclohexane	3.975	84	205	0.011	ppbv #	1
31) cis-1,2-Dichloroethene	2.735	61	20	0.001	ppbv #	24
32) 1,1,1-Trichloroethane	3.308	97	63	0.002	ppbv	91
34) 2-Butanone	2.573	43	751	0.024	ppbv	91
35) Carbon Tetrachloride	3.781	117	36	0.001	ppbv #	12
36) Benzene	3.674	78	272	0.006	ppbv #	85
37) 1,2-Dichloroethane	3.302	62	32	0.001	ppbv #	80
38) Trichloroethene	4.765	130	30	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.978	63	94705	6.024	ppbv #	23
40) 1,4-Dioxane	4.829	88	20	0.003	ppbv #	17
41) Tetrahydrofuran	3.072	42	84	0.005	ppbv #	37
42) Bromodichloromethane	4.457	83	51	0.002	ppbv #	26
43) Methyl Methacrylate	4.897	69	39	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.664	57	148	0.002	ppbv #	1
45) t-1,3-Dichloropropene	6.331	75	34	0.002	ppbv #	45

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

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:41:56 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

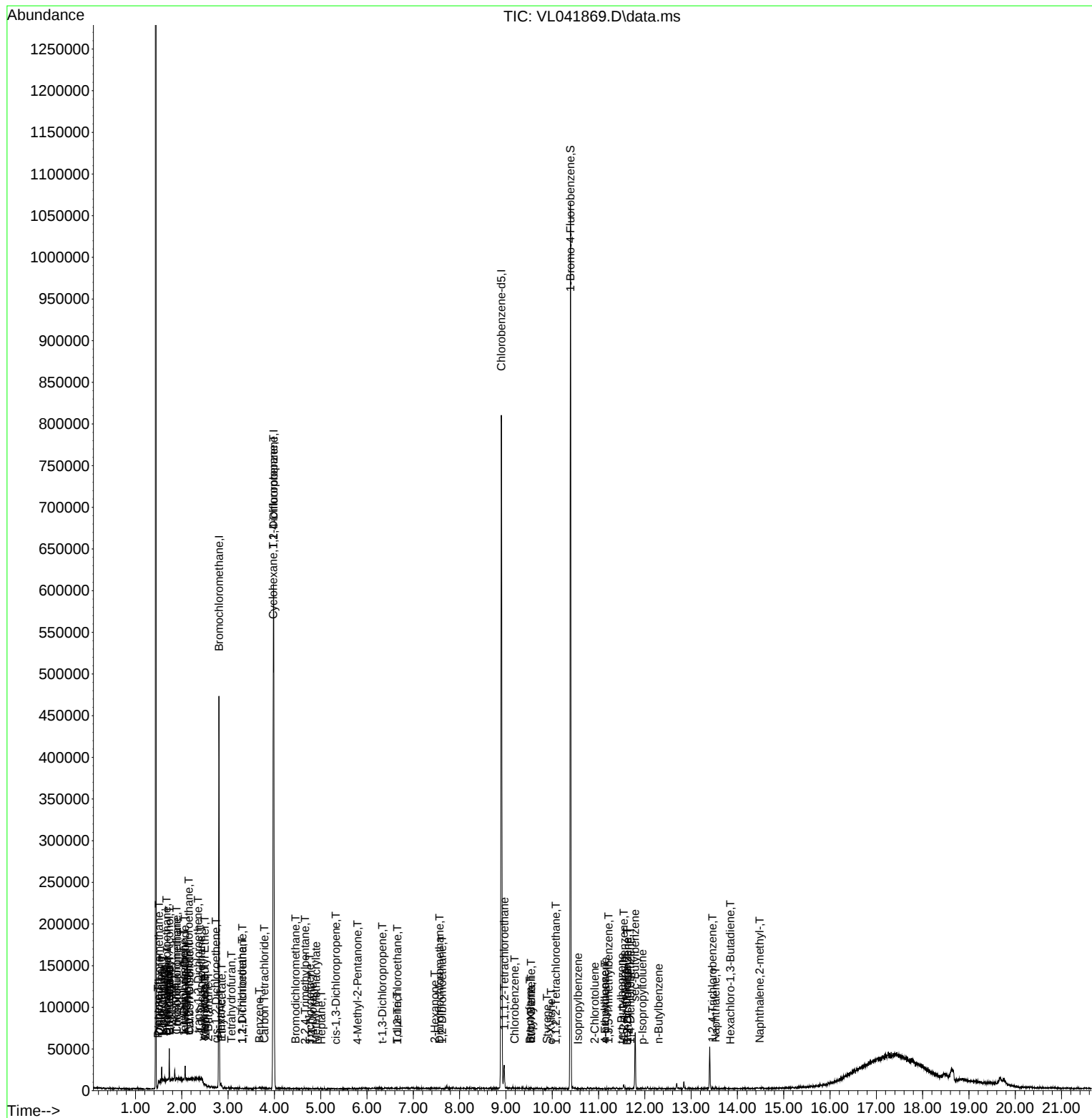
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.328	75	28	0.001	ppbv #	27
47) 1,1,2-Trichloroethane	6.655	97	33	0.002	ppbv #	15
48) Dibromochloromethane	7.568	129	50	0.002	ppbv #	49
49) Bromoform	9.519	173	11	0.001	ppbv #	28
50) 4-Methyl-2-Pentanone	5.797	43	100	0.002	ppbv #	38
51) 2-Hexanone	7.464	43	158	0.004	ppbv #	4
53) Toluene	6.652	91	33	0.001	ppbv	94
54) 1,2-Dibromoethane	7.626	107	71	0.003	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	8.969	131	76	0.004	ppbv #	1
57) Chlorobenzene	9.189	112	49	0.001	ppbv #	22
58) Ethyl Benzene	9.545	91	152	0.002	ppbv	93
59) m/p-Xylene	9.545	91	152	0.003	ppbv #	100
60) o-Xylene	9.976	91	62	0.001	ppbv #	1
61) Styrene	9.888	104	27	0.001	ppbv #	36
62) Isopropylbenzene	10.558	105	68	0.001	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	10.079	83	31	0.001	ppbv #	74
64) n-propylbenzene	11.138	120	61	0.003	ppbv #	1
65) tert-Butylbenzene	11.497	119	52	0.001	ppbv #	70
66) Benzyl Chloride	11.613	91	21	0.003	ppbv #	66
67) sec-Butylbenzene	11.785	105	68	0.001	ppbv #	1
69) p-Isopropyltoluene	11.947	119	18	0.000	ppbv #	48
70) n-Butylbenzene	12.296	91	106	0.001	ppbv #	26
71) 2-Chlorotoluene	10.917	91	48	0.001	ppbv #	46
72) 4-Ethyltoluene	11.141	105	34	0.000	ppbv #	1
73) 1,3,5-Trimethylbenzene	11.215	105	182	0.003	ppbv #	77
74) 1,2,4-Trimethylbenzene	11.545	105	408	0.006	ppbv #	59
75) 1,3-Dichlorobenzene	11.623	146	90	0.002	ppbv	73
76) 1,4-Dichlorobenzene	11.691	146	112	0.003	ppbv #	51
77) 1,2-Dichlorobenzene	11.623	146	90	0.003	ppbv	72
78) Hexachloro-1,3-Butadiene	13.850	225	22	0.001	ppbv #	19
79) Naphthalene	13.529	128	492	0.007	ppbv #	77
80) Naphthalene,2-methyl-	14.481	142	251	0.007	ppbv #	52
81) 1,2,4-Trichlorobenzene	13.458	180	280	0.009	ppbv #	64

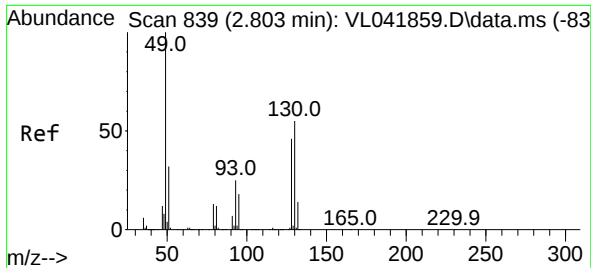
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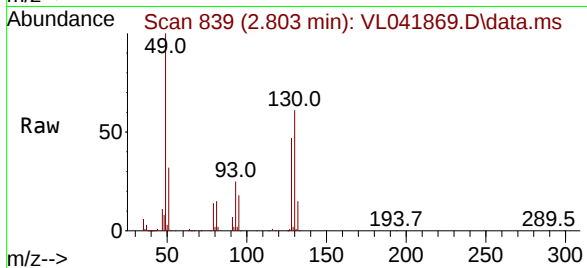
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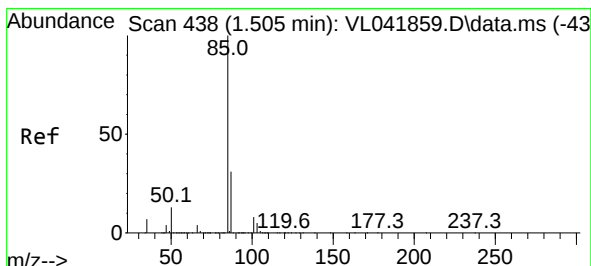
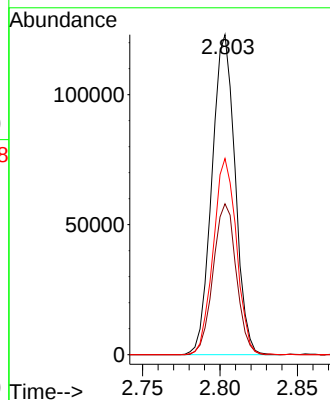
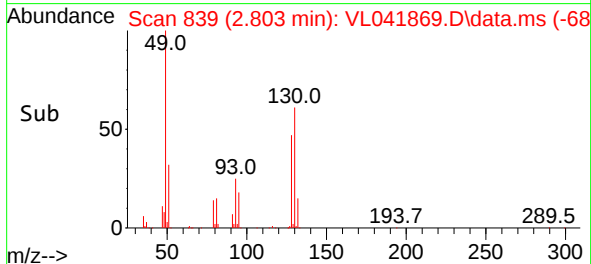


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 839
Delta R.T. 0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

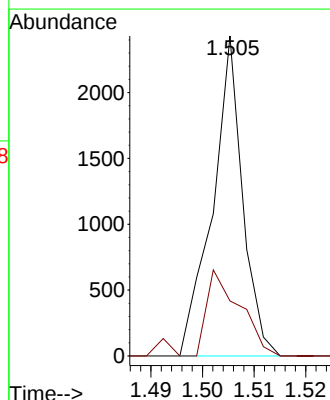
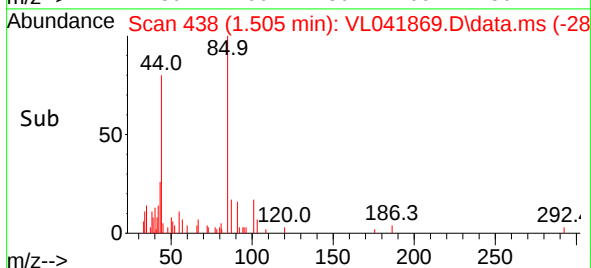
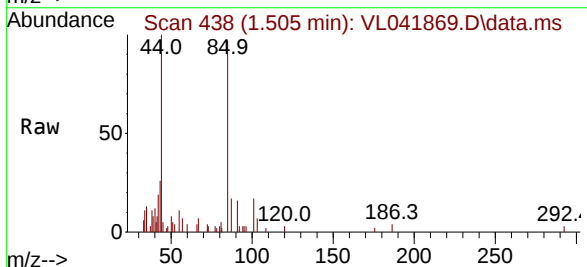


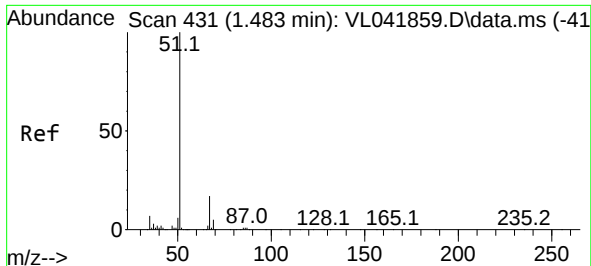
Tgt Ion: 49 Resp: 128032
Ion Ratio Lower Upper
49 100
128 46.9 23.2 69.5
130 61.4 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.047 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 85 Resp: 982
Ion Ratio Lower Upper
85 100
87 17.2 25.2 37.8#

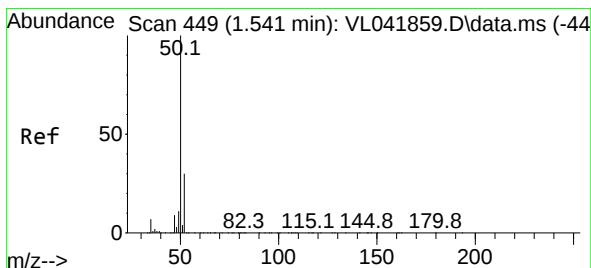
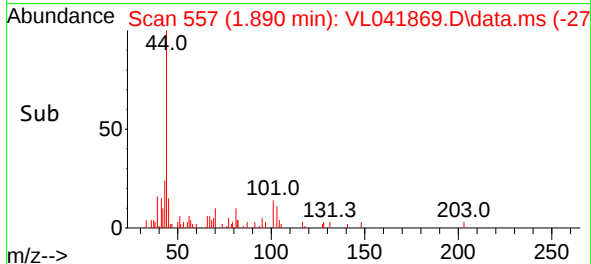
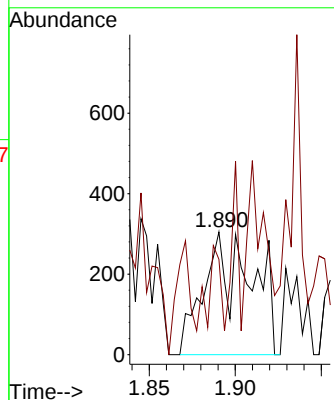
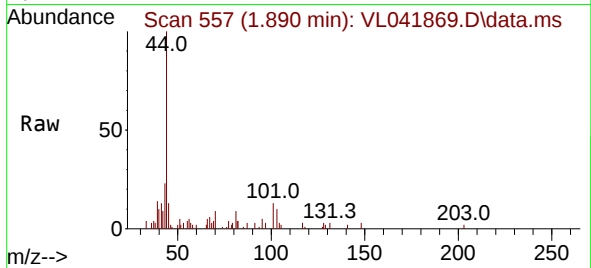




#3
Chlorodifluoromethane
Concen: 0.025 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.408 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

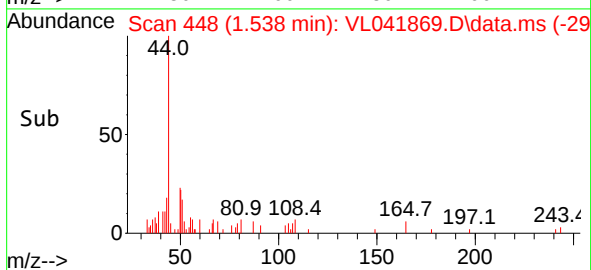
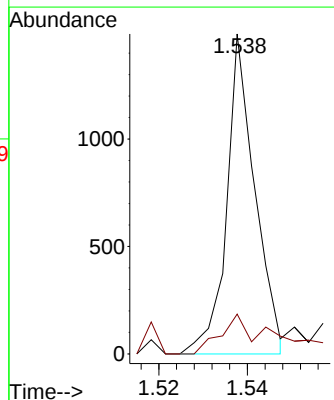
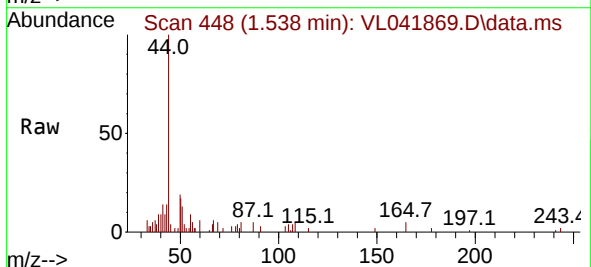
Instrument :
MSVOA_L
ClientSampleId :

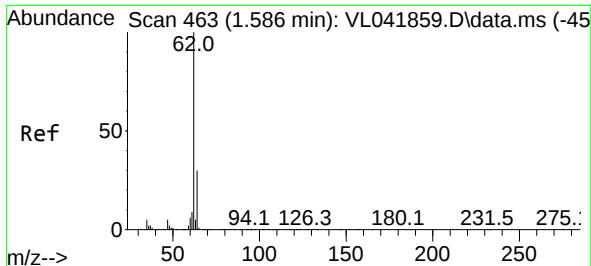
Tgt Ion: 51 Resp: 578
Ion Ratio Lower Upper
51 100
67 15.6 13.8 20.8



#4
Chloromethane
Concen: 0.081 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 12.4 23.9 35.9#

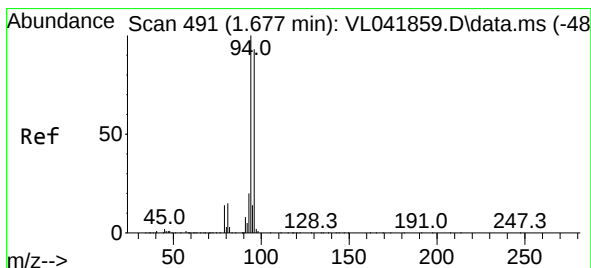
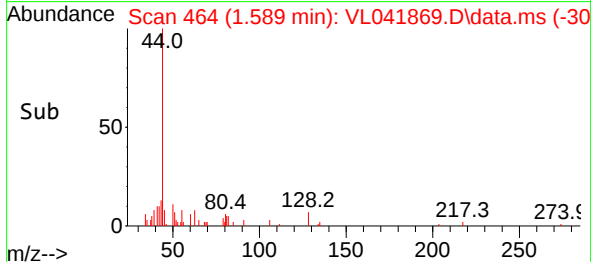
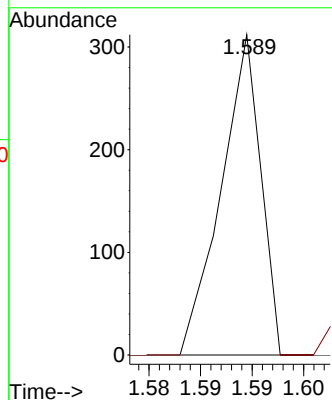
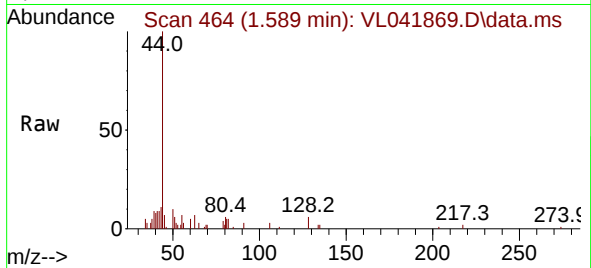




#5
 Vinyl Chloride
 Concen: 0.010 ppbv
 RT: 1.589 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

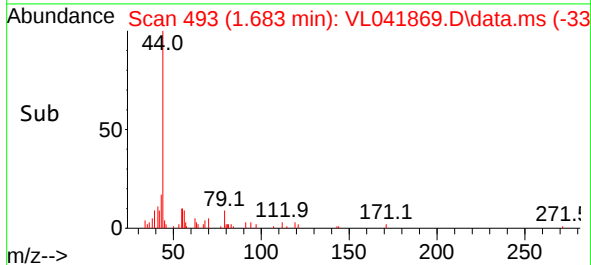
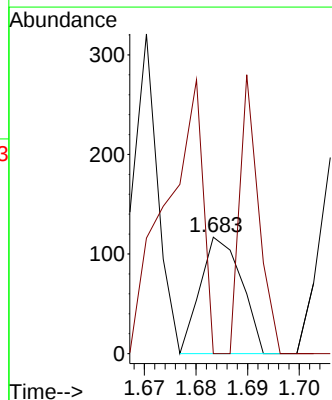
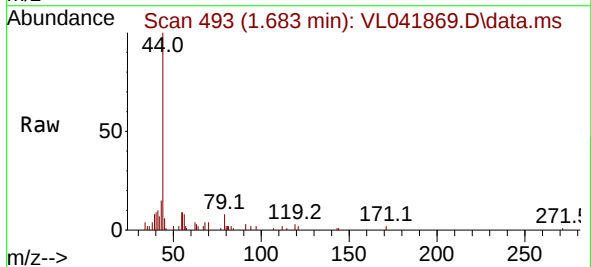
Instrument :
 MSVOA_L
 ClientSampleId :

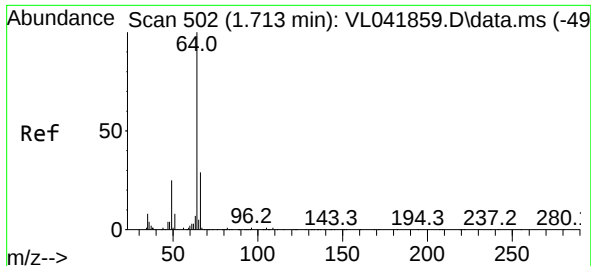
Tgt Ion: 62 Resp: 83
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.016 ppbv
 RT: 1.683 min Scan# 493
 Delta R.T. 0.006 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

Tgt Ion: 94 Resp: 65
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

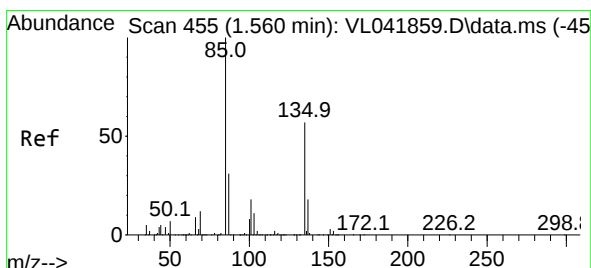
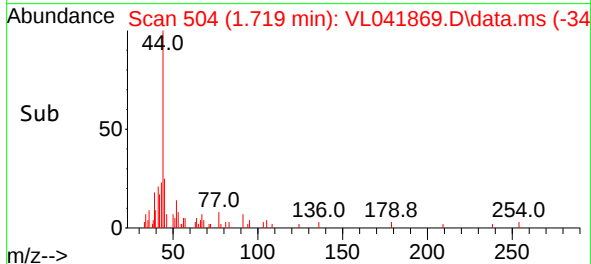
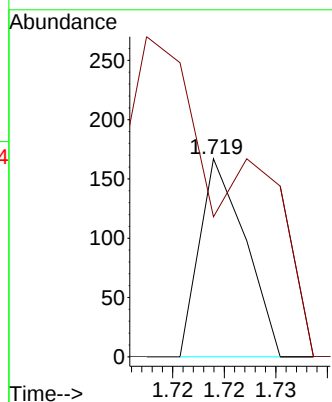
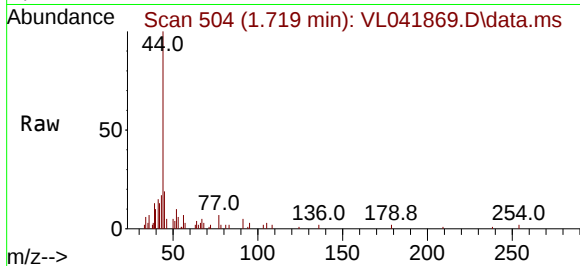




#7
Chloroethane
Concen: 0.015 ppbv
RT: 1.719 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

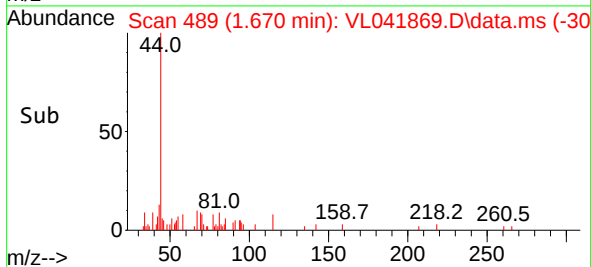
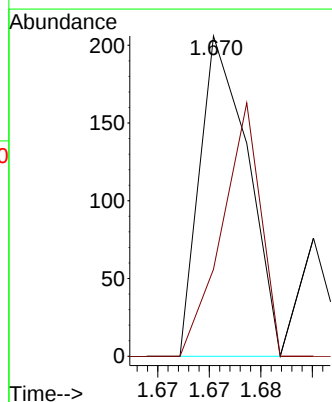
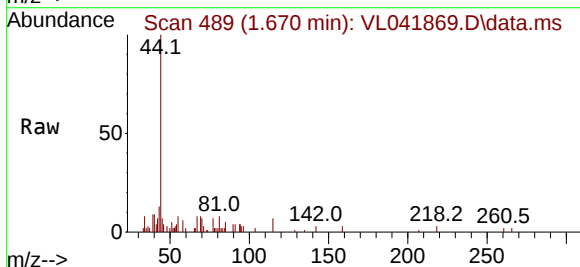
Instrument :
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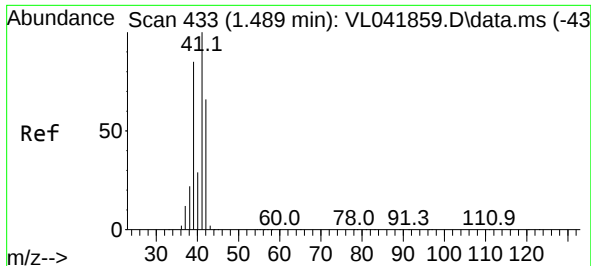
Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 70.7 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.004 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.110 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
135 64.2 52.2 78.4

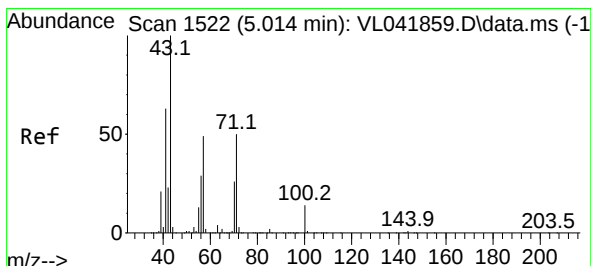
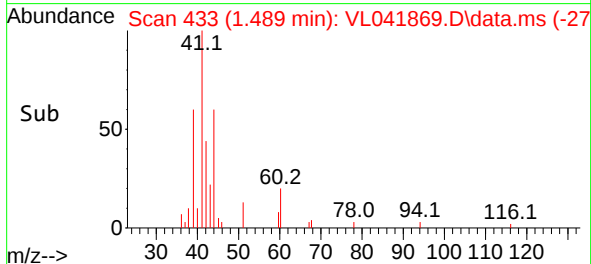
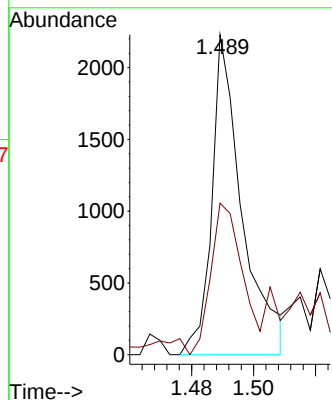
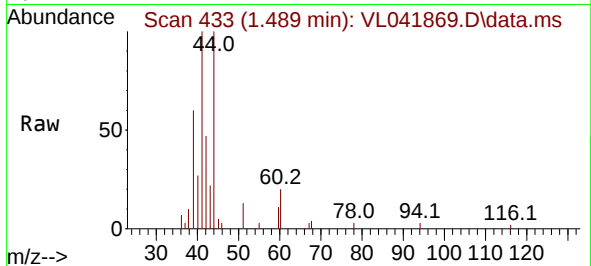




#9
 Propene
 Concen: 0.140 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

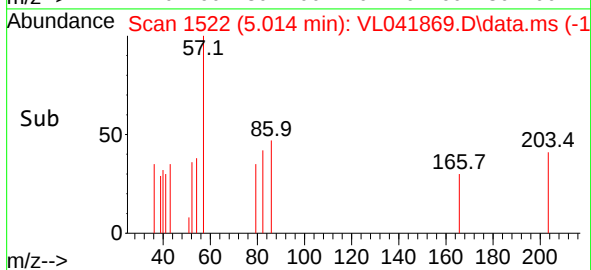
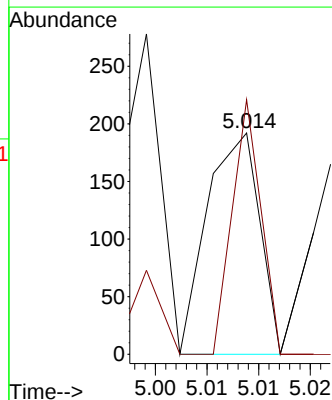
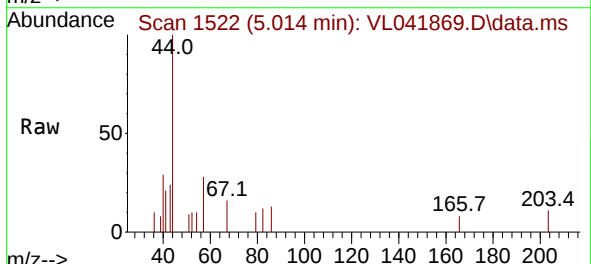
Instrument :
 MSVOA_L
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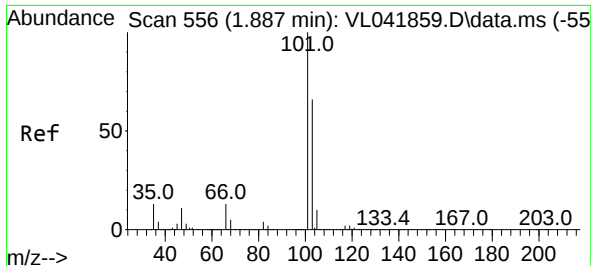
Tgt Ion: 41 Resp: 1511
 Ion Ratio Lower Upper
 41 100
 42 100.7 53.0 79.6#



#10
 Heptane
 Concen: 0.002 ppbv
 RT: 5.014 min Scan# 1522
 Delta R.T. -0.000 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

Tgt Ion: 43 Resp: 68
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.2 60.2#





#11

Trichlorofluoromethane

Concen: 0.030 ppbv

RT: 1.887 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

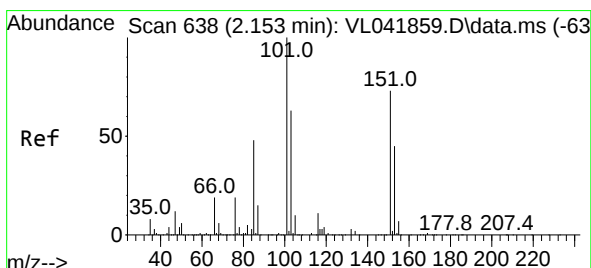
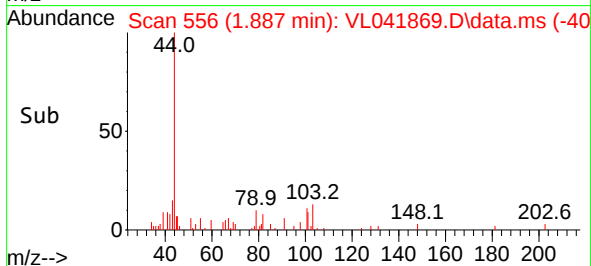
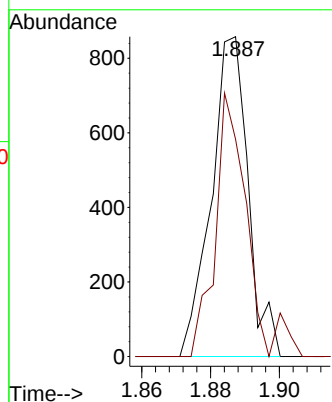
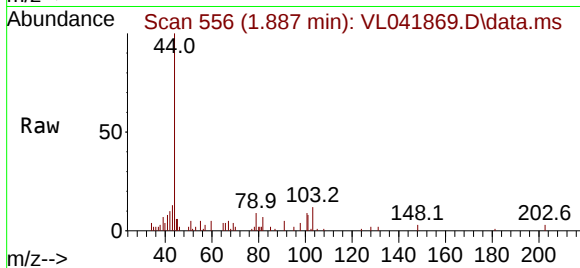
ClientSampleId :

Tgt Ion:101 Resp: 638

Ion Ratio Lower Upper

101 100

103 67.9 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.005 ppbv

RT: 2.149 min Scan# 637

Delta R.T. -0.003 min

Lab File: VL041869.D

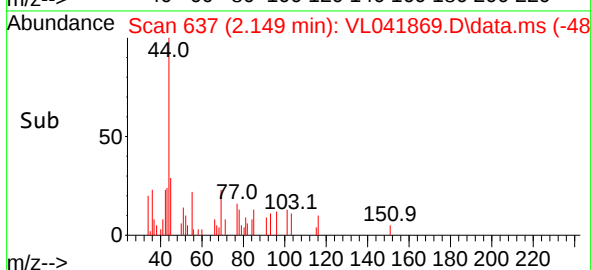
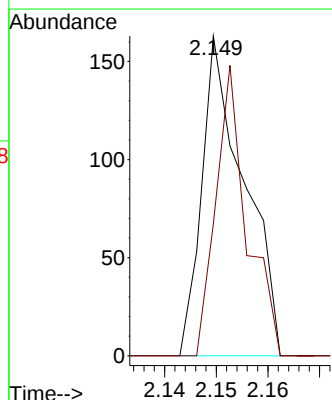
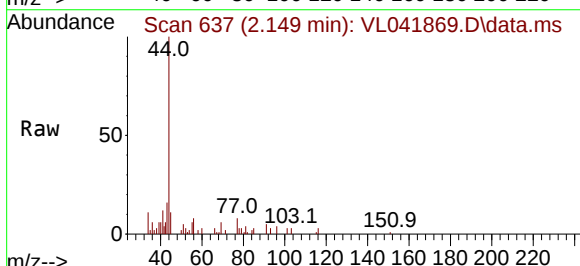
Acq: 09 Jan 2025 17:01

Tgt Ion:101 Resp: 93

Ion Ratio Lower Upper

101 100

151 65.6 59.4 89.0

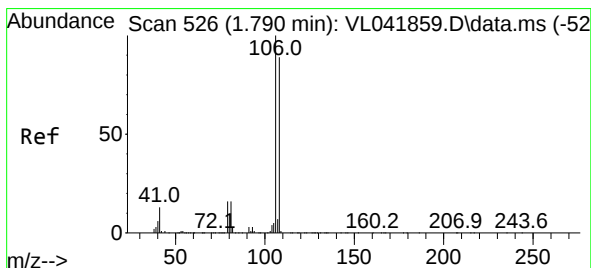
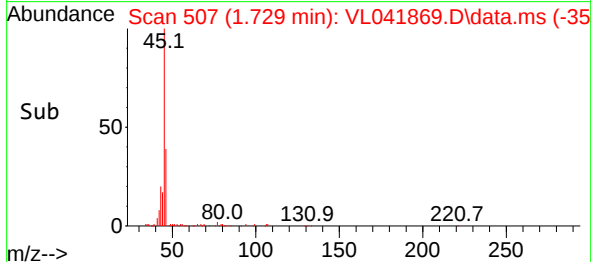
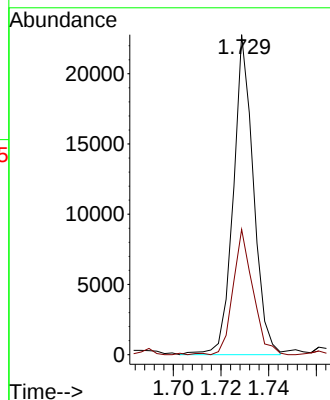
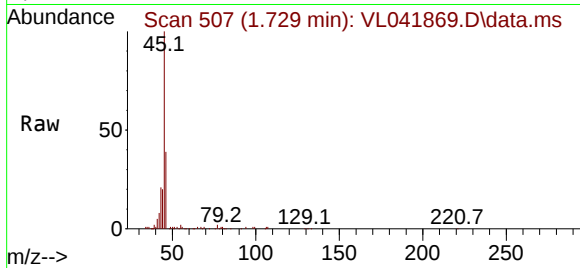




#13
Ethanol
Concen: 19.538 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

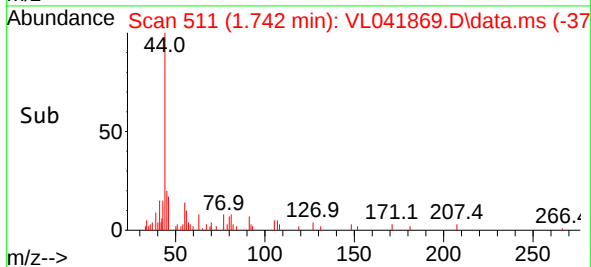
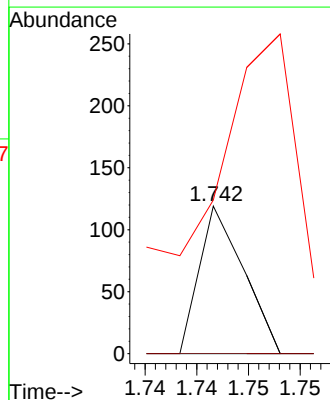
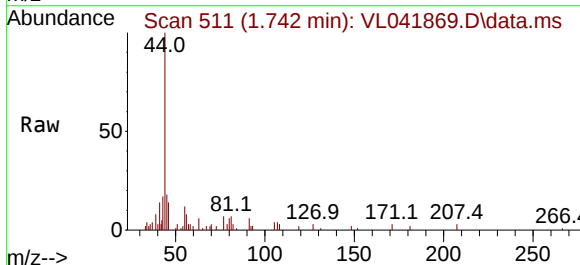
Instrument :
MSVOA_L
ClientSampleId :

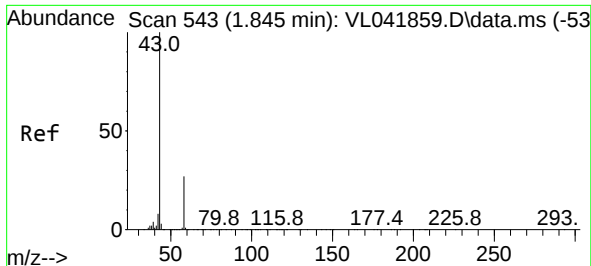
Tgt Ion: 45 Resp: 13368
Ion Ratio Lower Upper
45 100
46 38.8 19.0 76.0



#14
Bromoethene
Concen: 0.006 ppbv
RT: 1.742 min Scan# 511
Delta R.T. -0.049 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 108 Resp: 35
Ion Ratio Lower Upper
108 100
106 57.1 86.9 130.3#
79 2551.4 15.6 23.4#

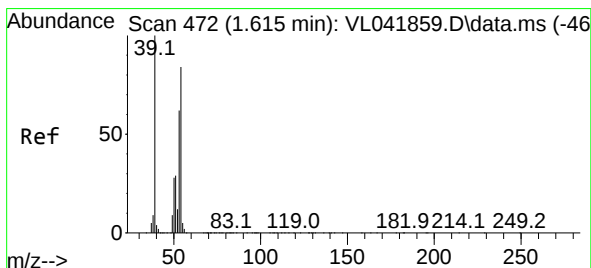
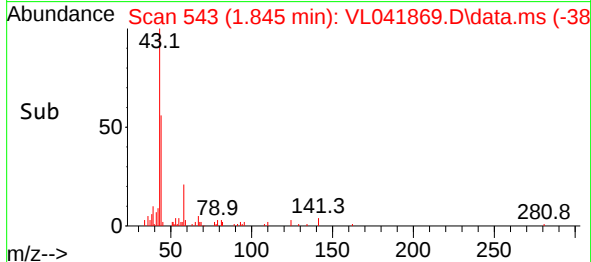
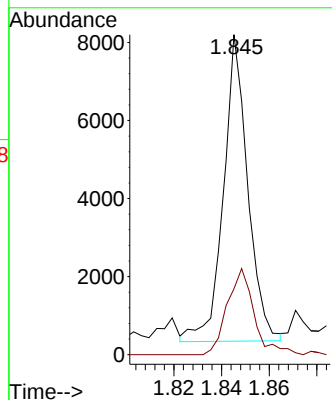
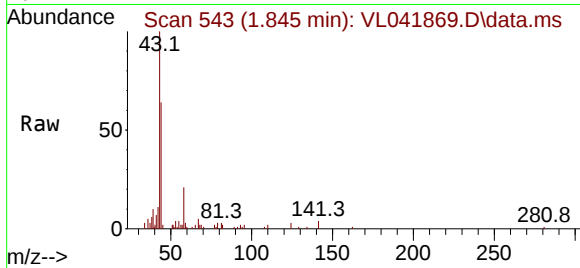




#15
Acetone
Concen: 0.258 ppbv
RT: 1.845 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

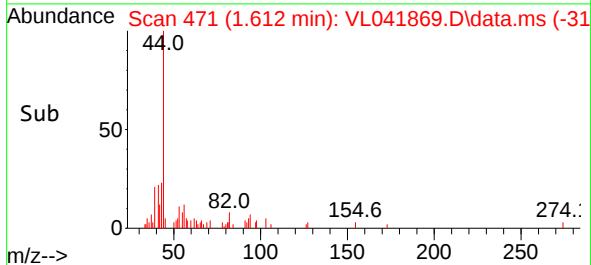
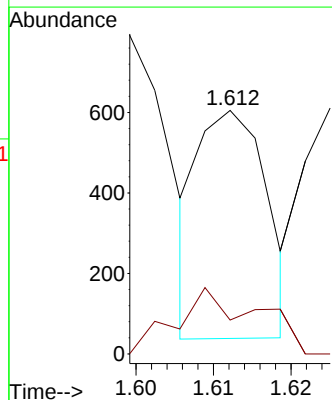
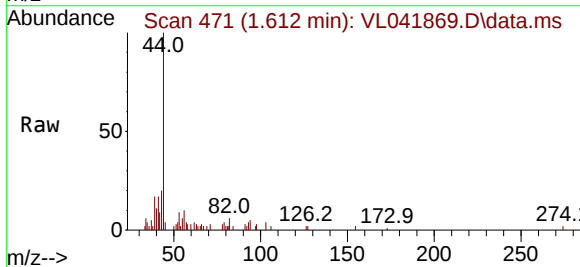
Instrument :
MSVOA_L
ClientSampleId :

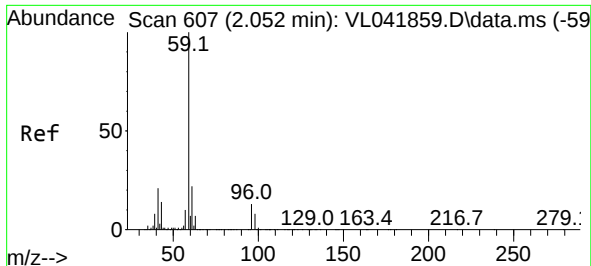
Tgt Ion: 43 Resp: 5565
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 39 Resp: 348
Ion Ratio Lower Upper
39 100
54 0.0 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.005 ppbv

RT: 2.056 min Scan# 608

Delta R.T. 0.003 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

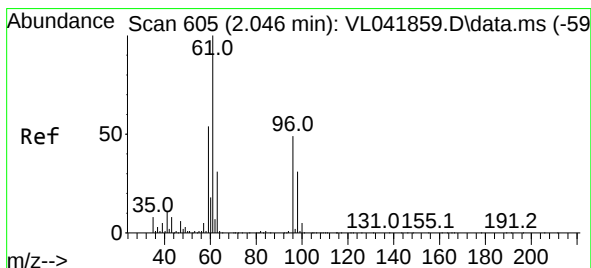
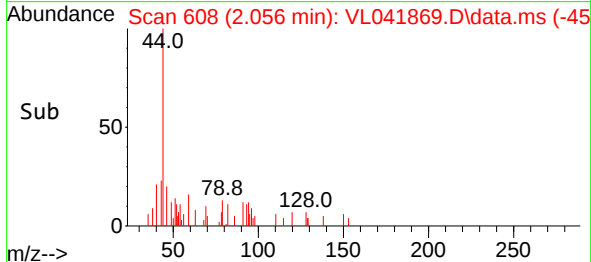
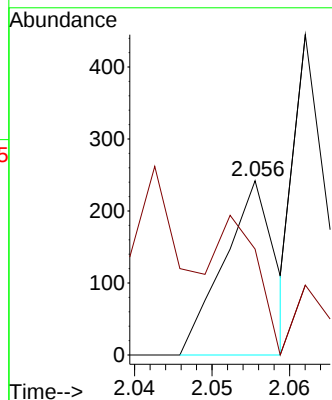
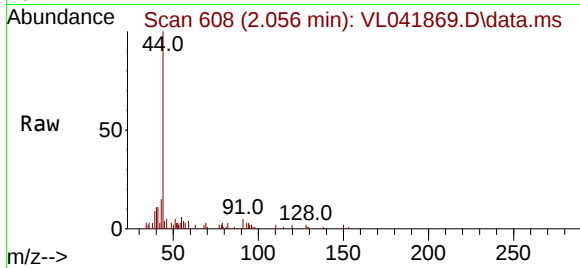
ClientSampleId :

Tgt Ion: 59 Resp: 112

Ion Ratio Lower Upper

59 100

57 429.5 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.004 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.000 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

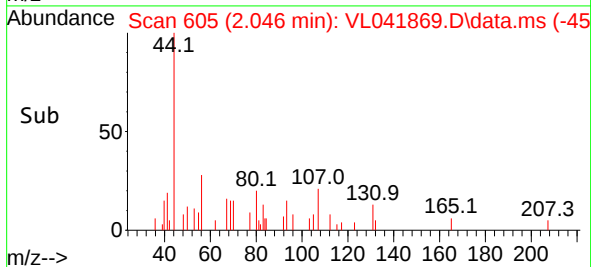
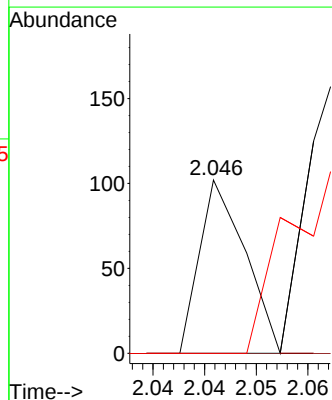
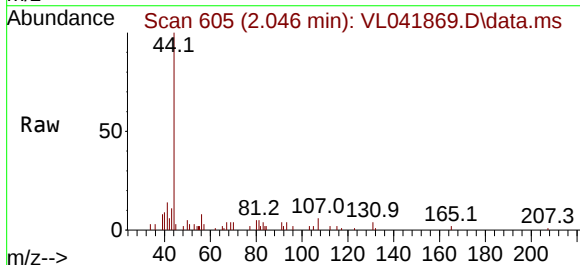
Tgt Ion: 96 Resp: 31

Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

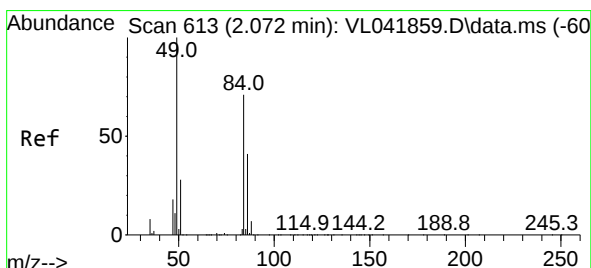
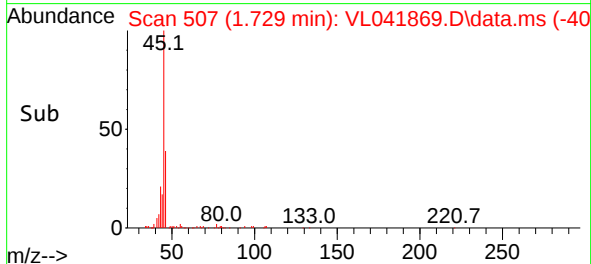
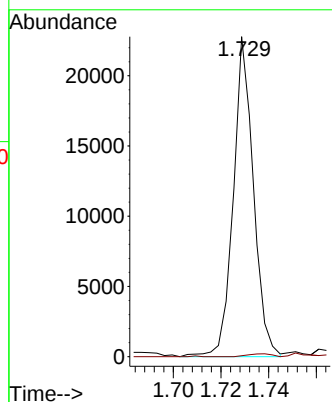
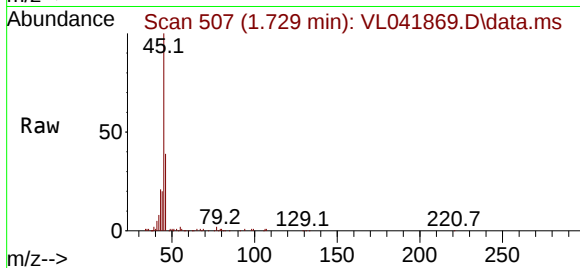




#19
Isopropyl Alcohol
Concen: 1.178 ppbv
RT: 1.729 min Scan# 50
Delta R.T. -0.168 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

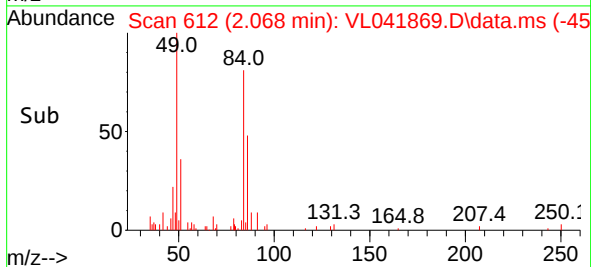
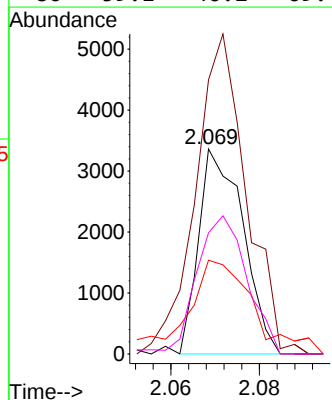
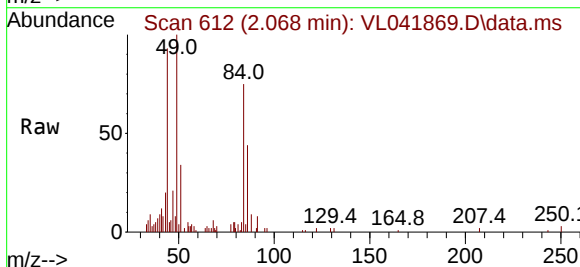
Instrument :
MSVOA_L
ClientSampleId :

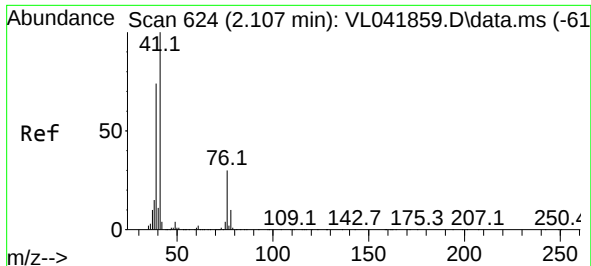
Tgt Ion: 45 Resp: 13368
Ion Ratio Lower Upper
45 100
58 2.6 37.0 55.6#



#20
Methylene Chloride
Concen: 0.317 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

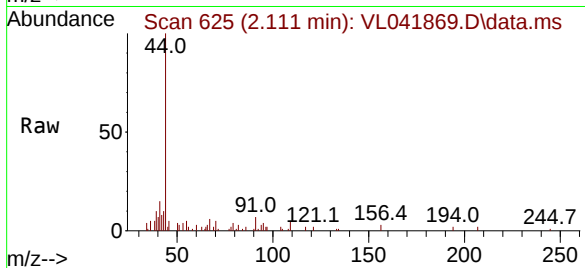
Tgt Ion: 84 Resp: 2332
Ion Ratio Lower Upper
84 100
49 131.2 113.8 170.8
51 36.3 33.5 50.3
86 59.1 46.2 69.4



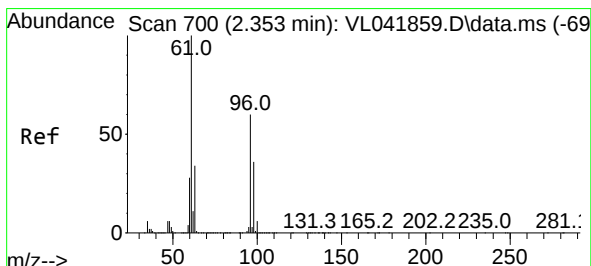
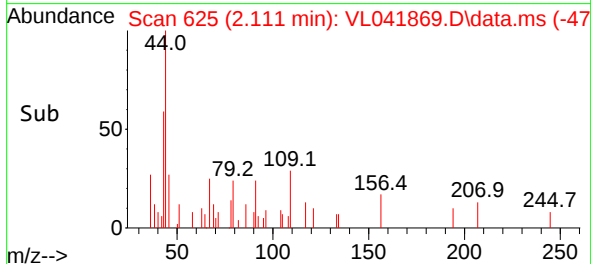
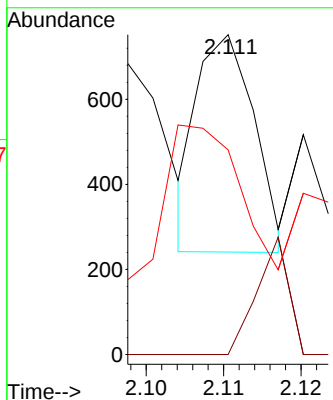


#21
 Allyl Chloride
 Concen: 0.019 ppbv
 RT: 2.111 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

Instrument :
 MSVOA_L
 ClientSampleId :

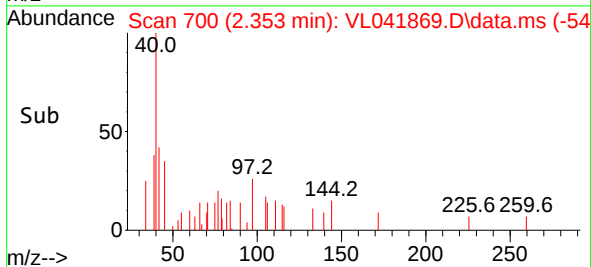
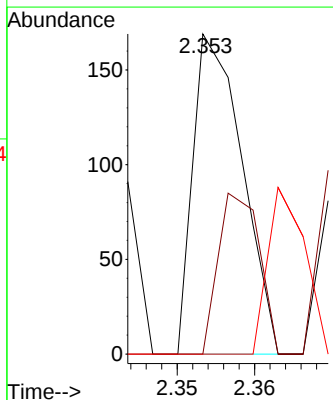
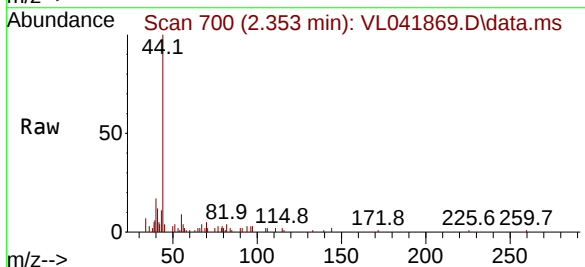


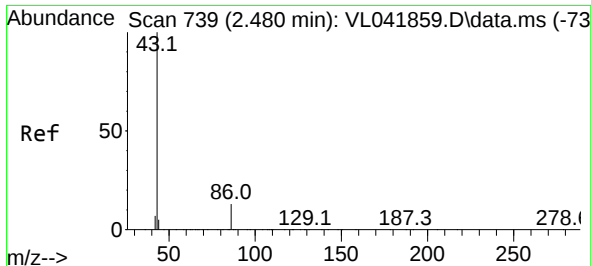
Tgt Ion: 41 Resp: 261
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 0.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.008 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. -0.000 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

Tgt Ion: 96 Resp: 74
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.2 201.4#
 98 0.0 49.0 73.4#

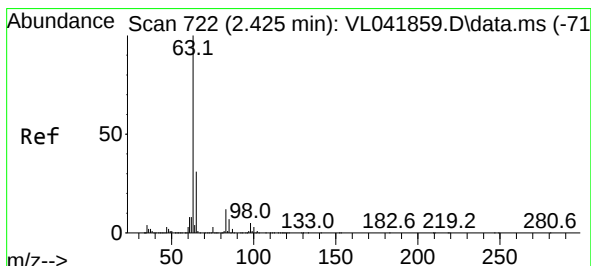
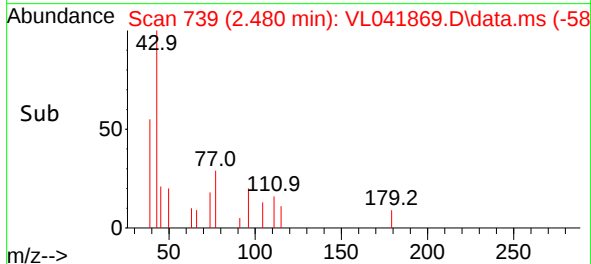
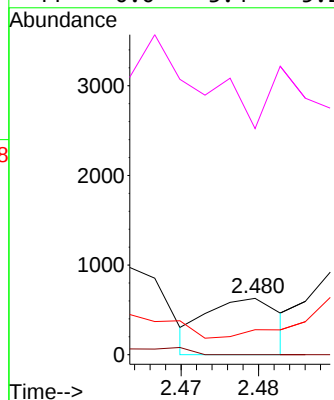
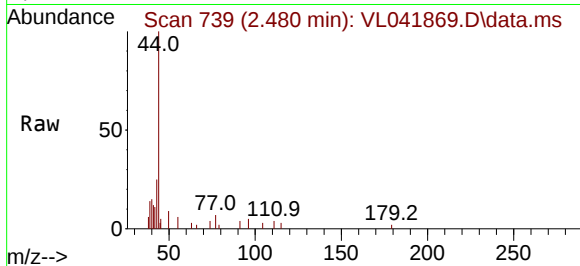




#23
 Vinyl Acetate
 Concen: 0.038 ppbv
 RT: 2.480 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

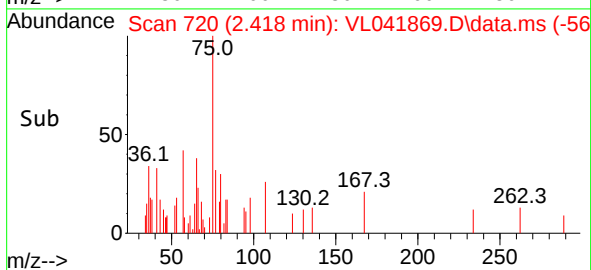
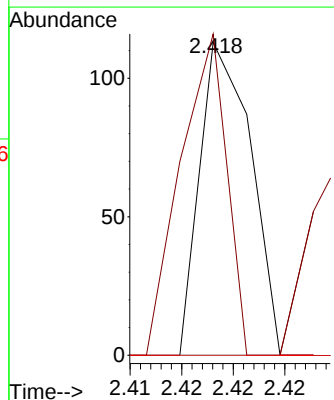
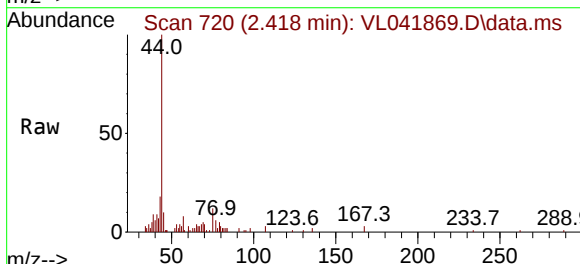
Instrument :
 MSVOA_L
 ClientSampleId :

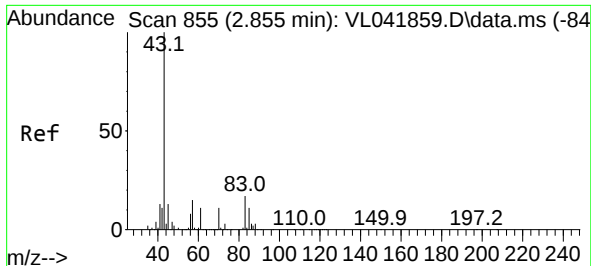
Tgt Ion: 43	Resp: 414
Ion Ratio	Lower Upper
43 100	
86 0.0	7.8 11.6#
42 0.6	7.0 10.4#
44 0.0	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.002 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

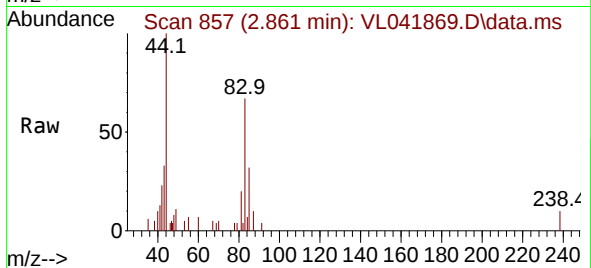
Tgt Ion: 63	Resp:	39	
Ion	Ratio	Lower	Upper
63	100		
98	102.7	2.3	6.9#
100	0.0	1.3	3.8#



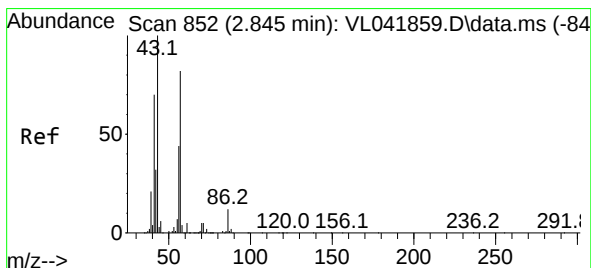
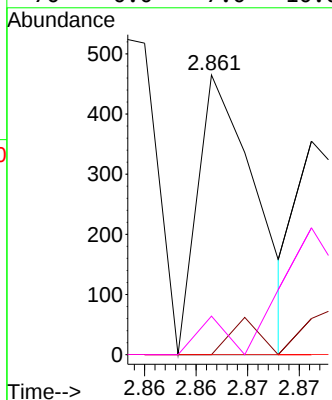
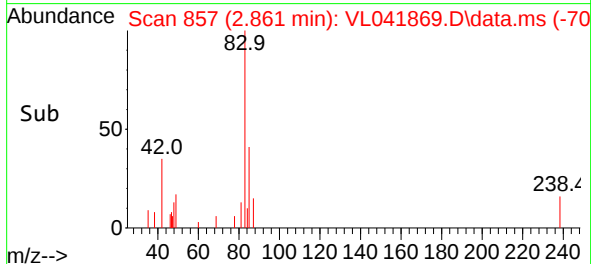


#25
Ethyl Acetate
Concen: 0.003 ppbv
RT: 2.861 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

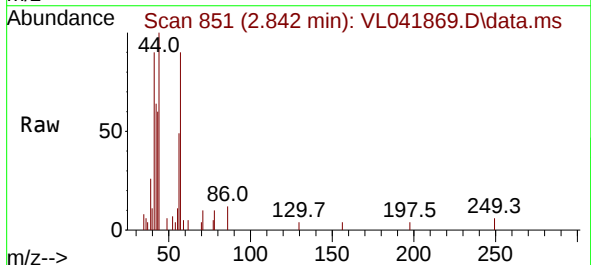
Instrument :
MSVOA_L
ClientSampleId :



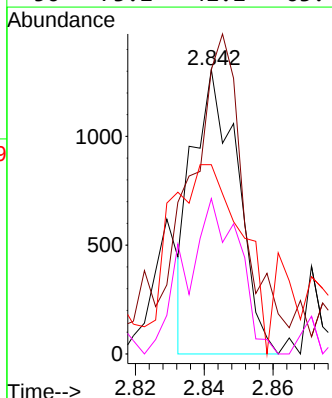
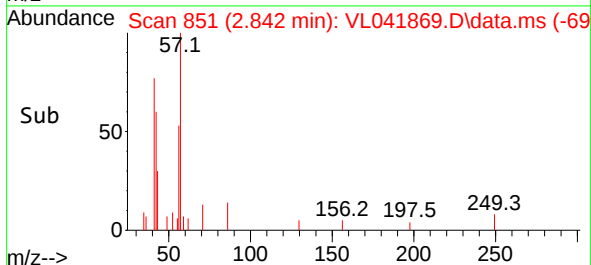
Tgt Ion:	43	Resp:	186
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	7.3	10.9#
70	0.0	7.0	10.6#

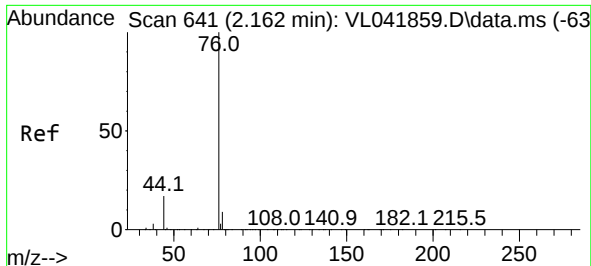


#26
Hexane
Concen: 0.054 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01



Tgt Ion:	57	Resp:	1186
Ion	Ratio	Lower	Upper
57	100		
41	142.7	71.5	107.3#
43	195.4	200.2	300.4#
56	73.2	42.2	63.4#

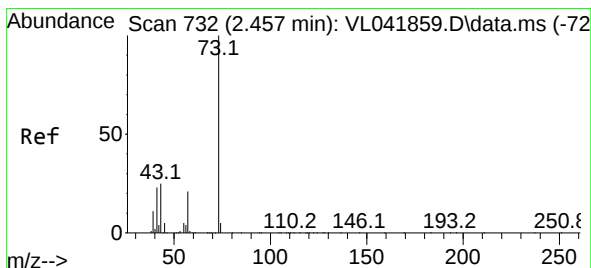
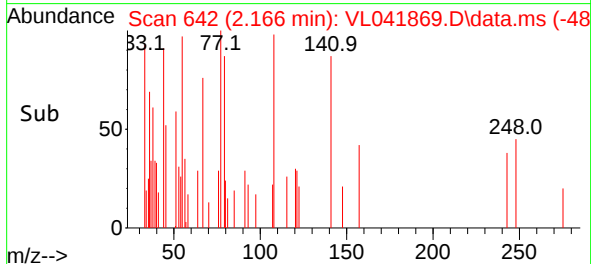
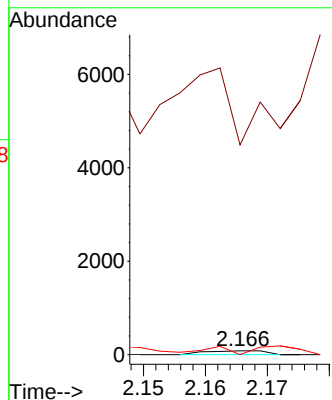
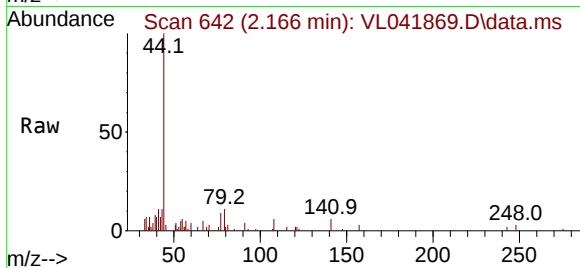




#27
Carbon Disulfide
Concen: 0.003 ppbv
RT: 2.166 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

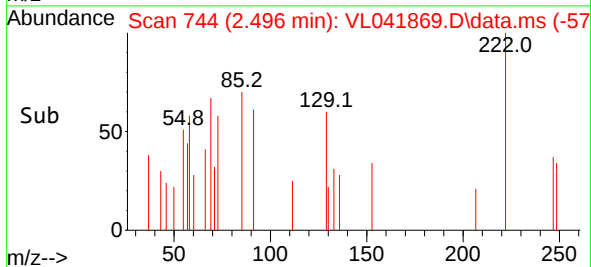
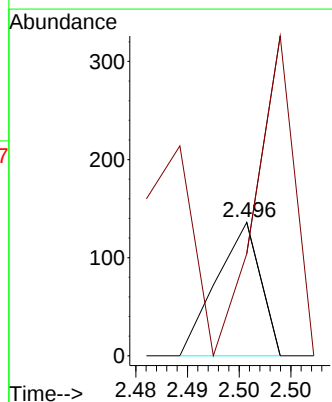
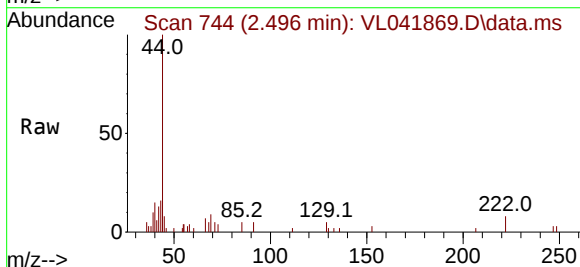
Instrument :
MSVOA_L
ClientSampleId :

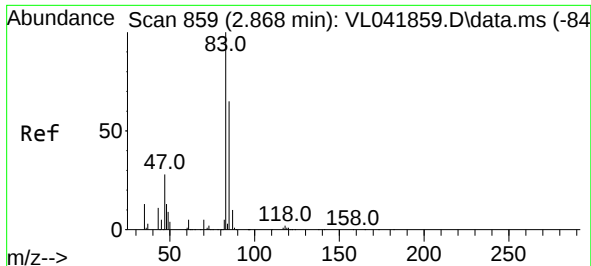
Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
44 0.0 13.1 19.7#
78 219.3 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.496 min Scan# 744
Delta R.T. 0.039 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

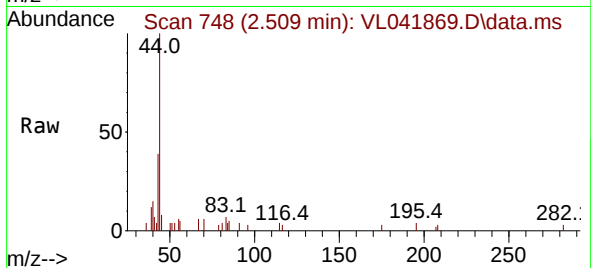
Tgt Ion: 73 Resp: 40
Ion Ratio Lower Upper
73 100
57 352.5 17.5 26.3#



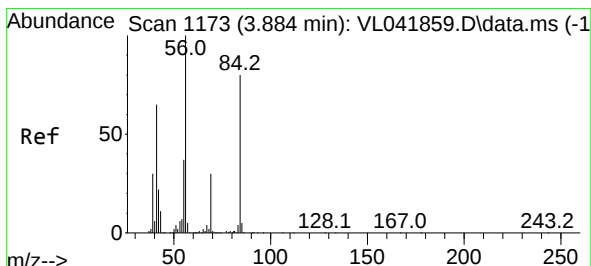
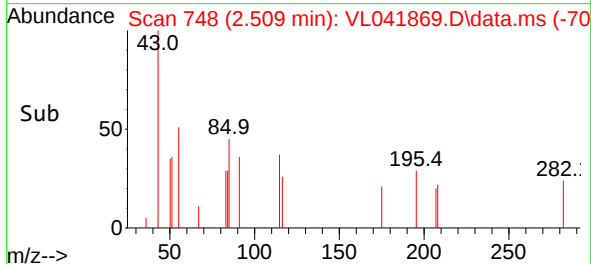
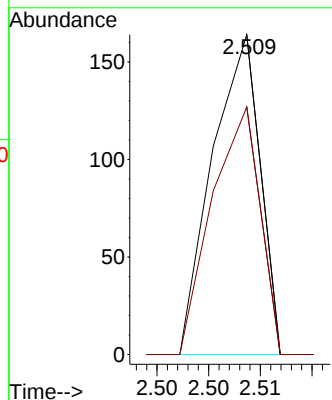


#29
Chloroform
Concen: 0.002 ppbv
RT: 2.509 min Scan# 74
Delta R.T. -0.359 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

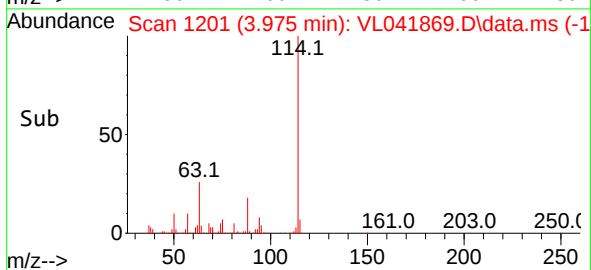
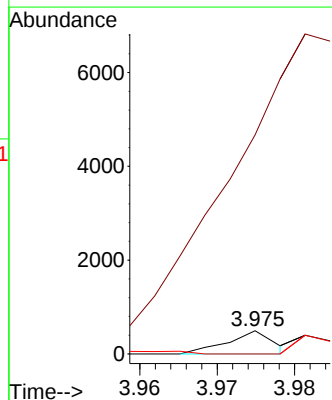
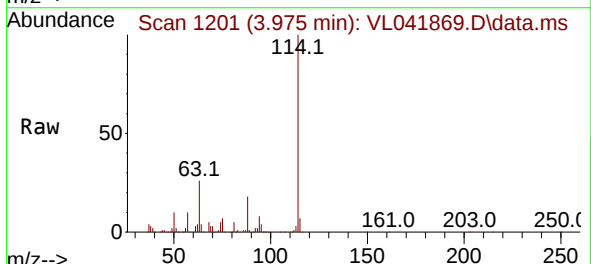


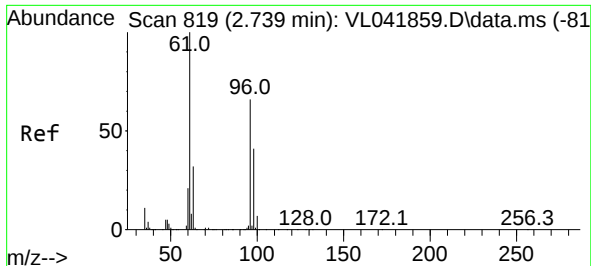
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
85 77.4 51.7 77.5



#30
Cyclohexane
Concen: 0.011 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.091 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 84 Resp: 205
Ion Ratio Lower Upper
84 100
56 0.0 100.7 151.1#
41 390.7 62.8 94.2#

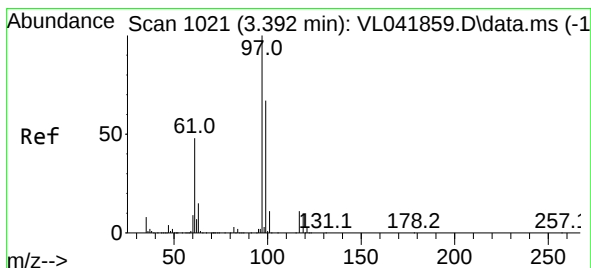
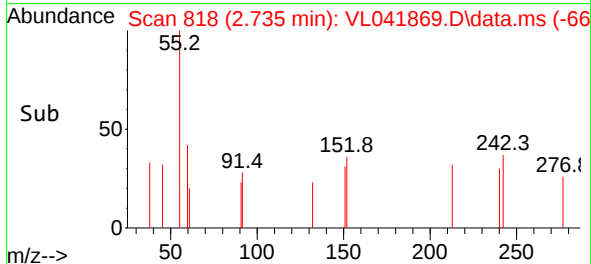
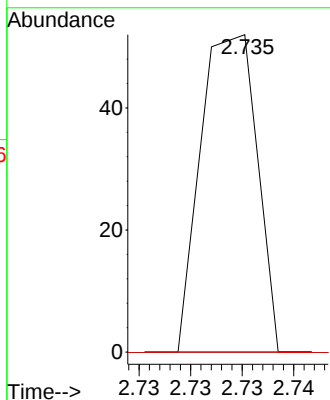
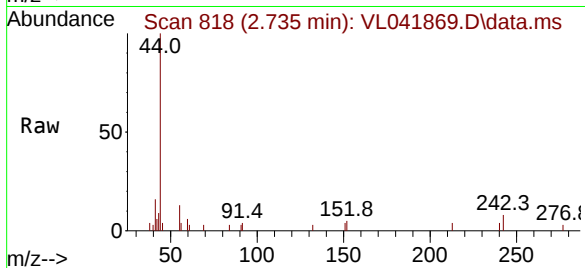




#31
 cis-1,2-Dichloroethene
 Concen: 0.001 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

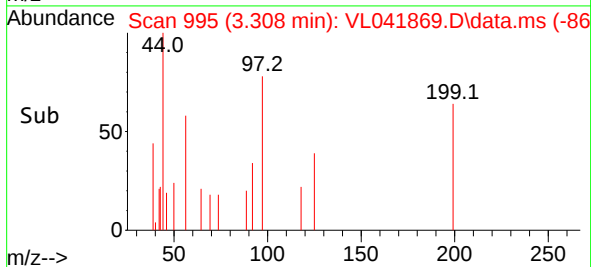
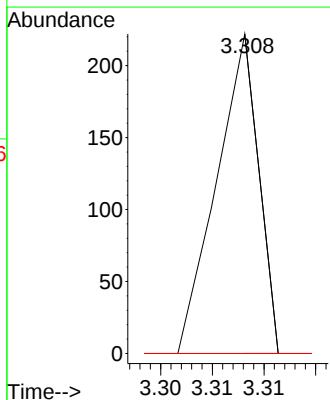
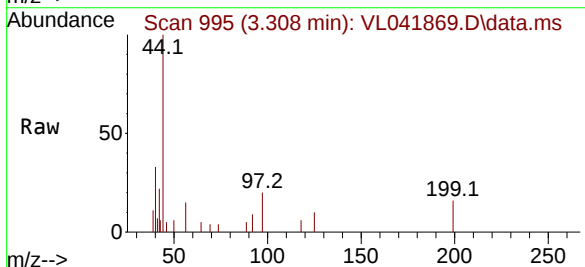
Instrument :
 MSVOA_L
 ClientSampleId :

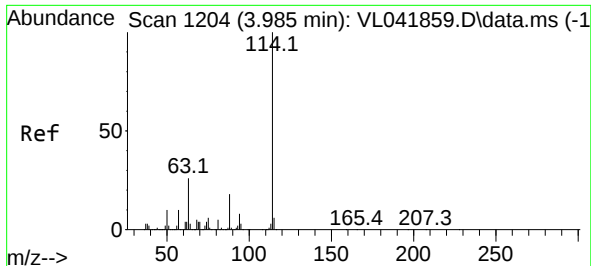
Tgt Ion: 61 Resp: 20
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.002 ppbv
 RT: 3.308 min Scan# 995
 Delta R.T. -0.084 min
 Lab File: VL041869.D
 Acq: 09 Jan 2025 17:01

Tgt Ion: 97 Resp: 63
 Ion Ratio Lower Upper
 97 100
 99 54.0 52.0 78.0
 61 47.6 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

ClientSampleId :

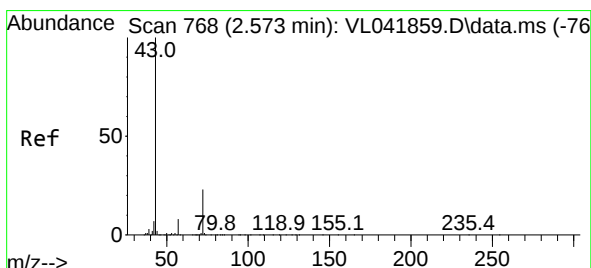
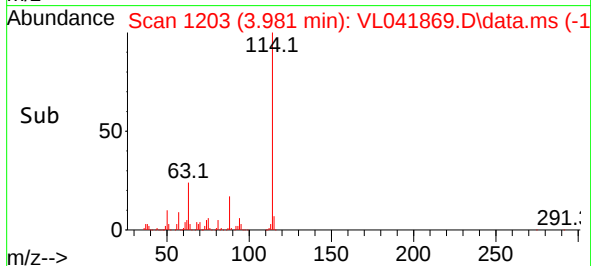
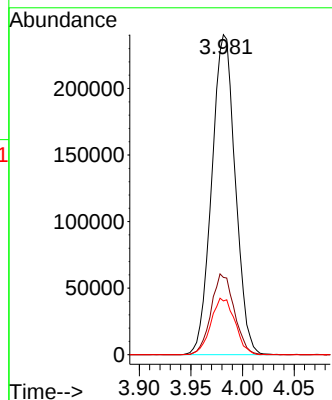
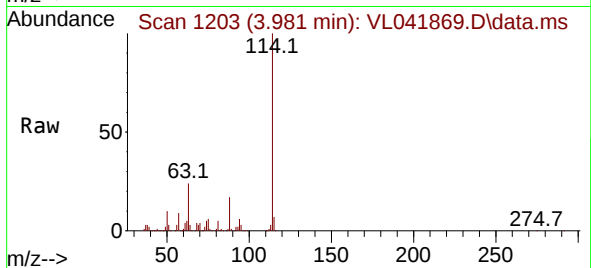
Tgt Ion:114 Resp: 380928

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 0.024 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041869.D

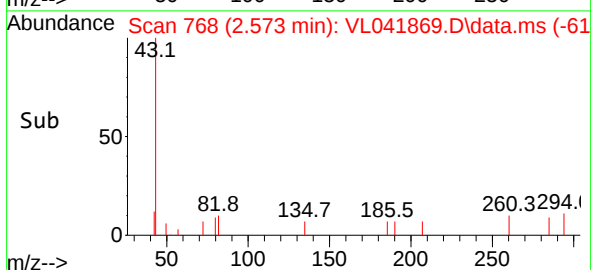
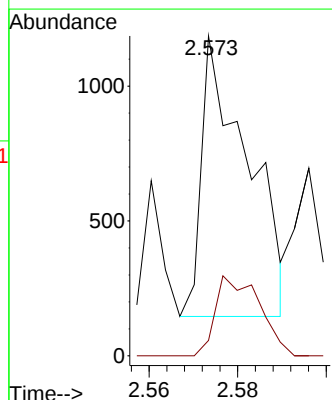
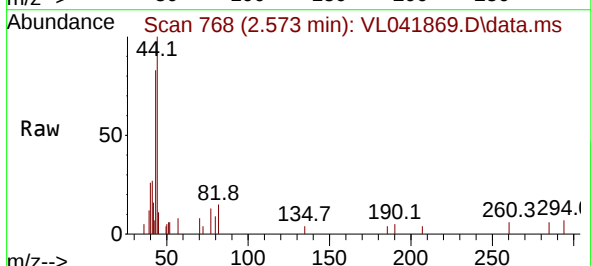
Acq: 09 Jan 2025 17:01

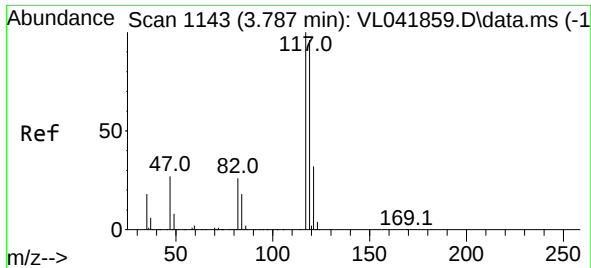
Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

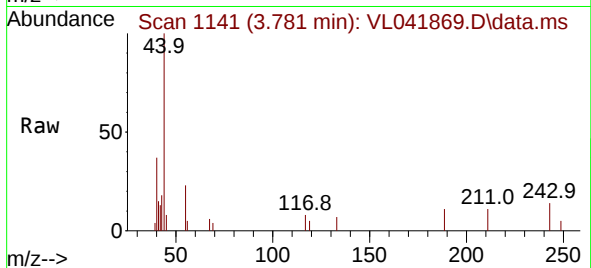
72 27.3 18.5 27.7



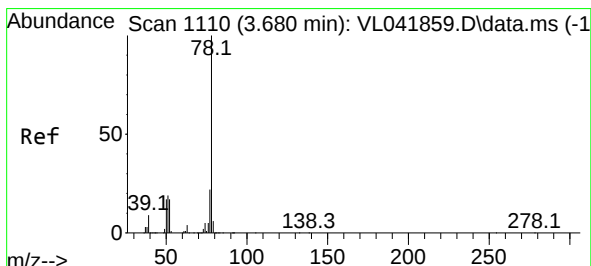
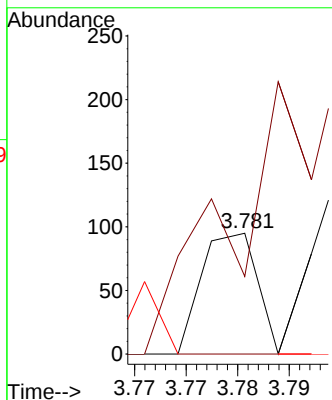
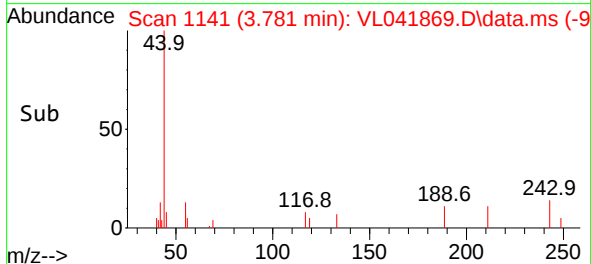


#35
Carbon Tetrachloride
Concen: 0.001 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. -0.007 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

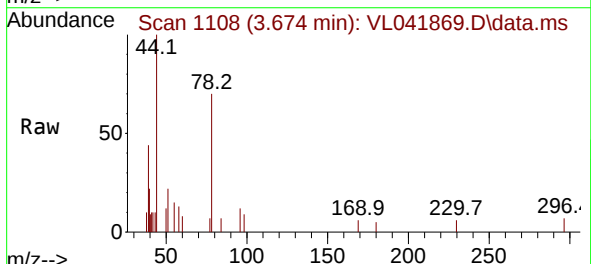
Instrument :
MSVOA_L
ClientSampleId :



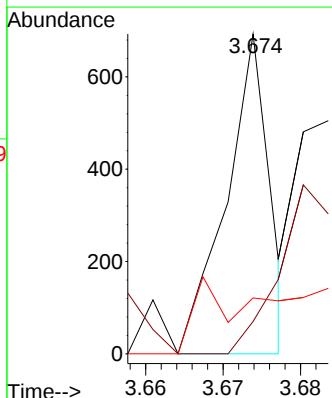
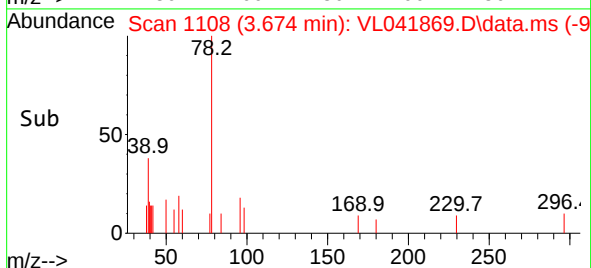
Tgt Ion: 117 Resp: 36
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
121 0.0 25.9 38.9#

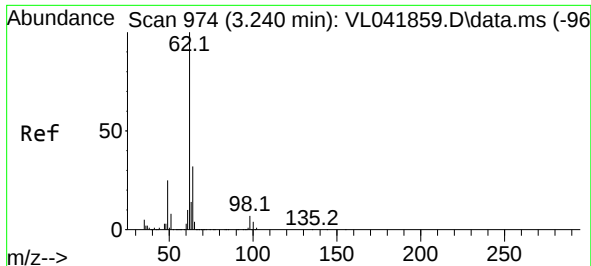


#36
Benzene
Concen: 0.006 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01



Tgt Ion: 78 Resp: 272
Ion Ratio Lower Upper
78 100
77 10.1 17.9 26.9#
50 17.5 13.7 20.5

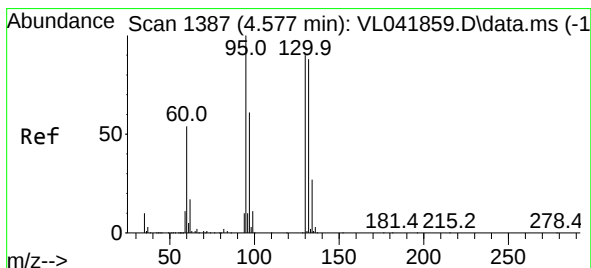
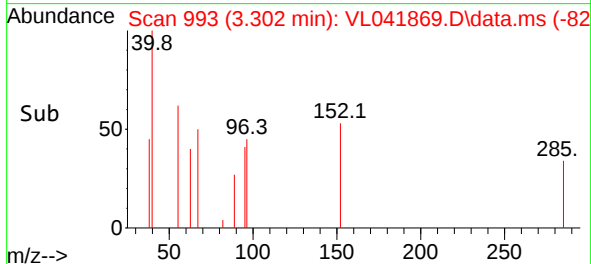
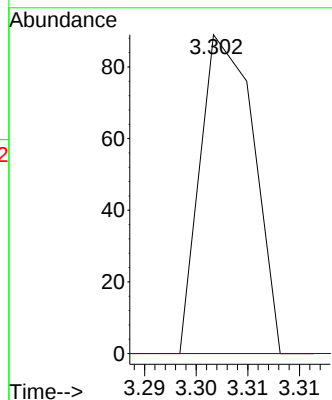
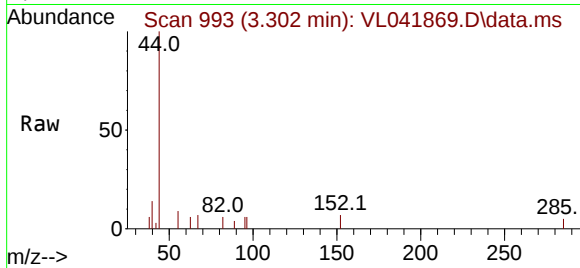




#37
1,2-Dichloroethane
Concen: 0.001 ppbv
RT: 3.302 min Scan# 993
Delta R.T. 0.061 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

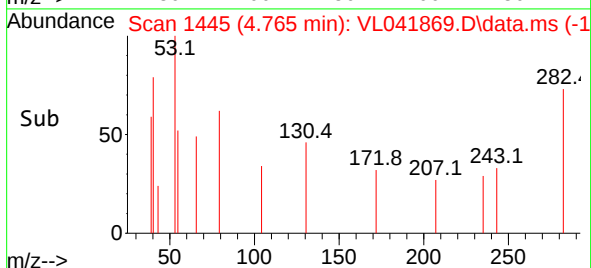
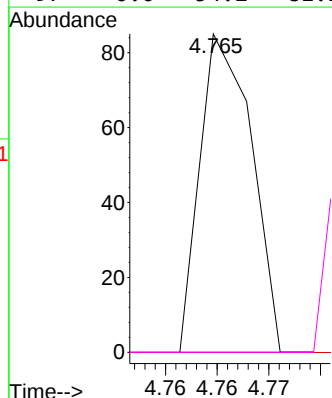
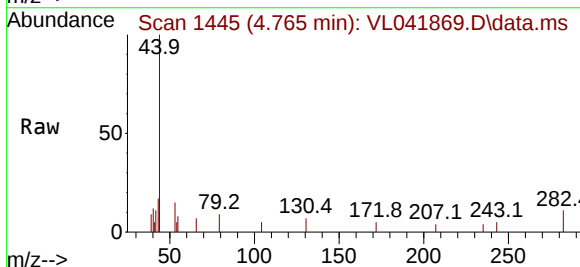
Instrument :
MSVOA_L
ClientSampleId :

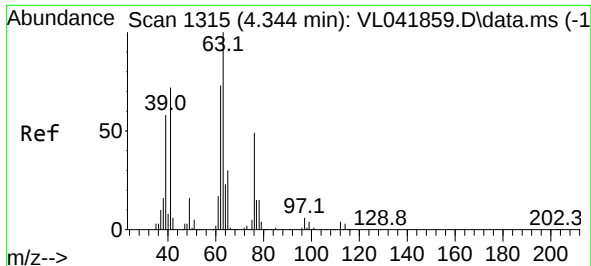
Tgt Ion: 62 Resp: 32
Ion Ratio Lower Upper
62 100
98 0.0 5.6 8.4#



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.765 min Scan# 1445
Delta R.T. 0.188 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion:130 Resp: 30
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: 6.024 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.366 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

ClientSampleId :

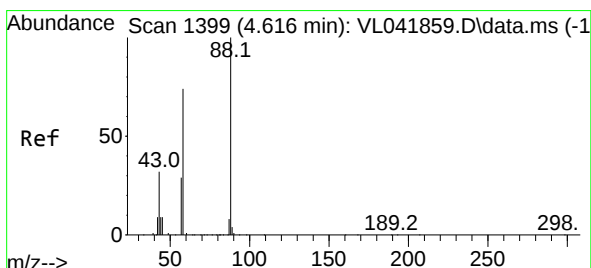
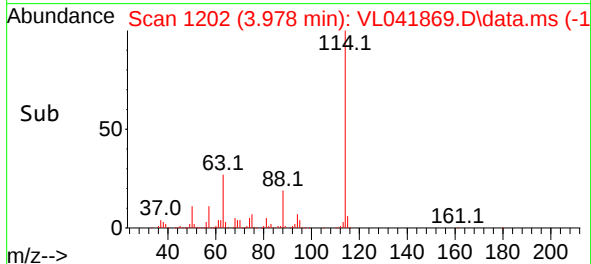
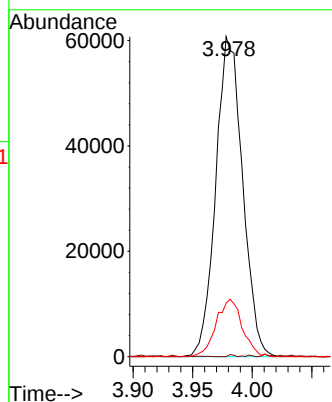
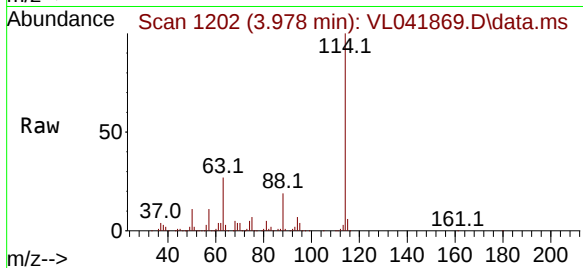
Tgt Ion: 63 Resp: 94705

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 16.7 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 4.829 min Scan# 1465

Delta R.T. 0.214 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Tgt Ion: 88 Resp: 20

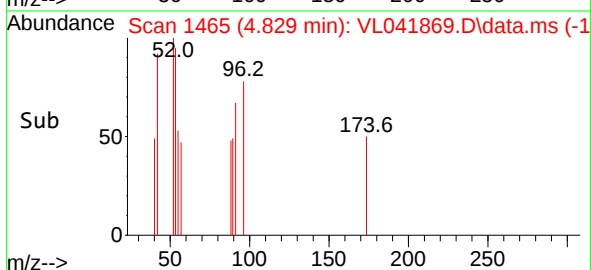
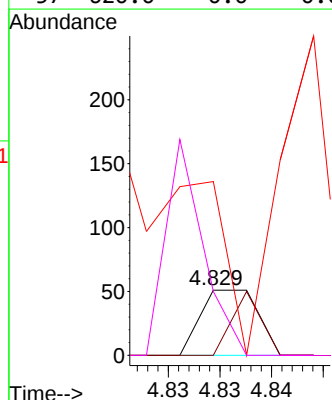
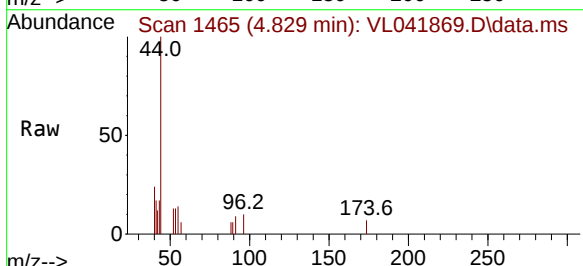
Ion Ratio Lower Upper

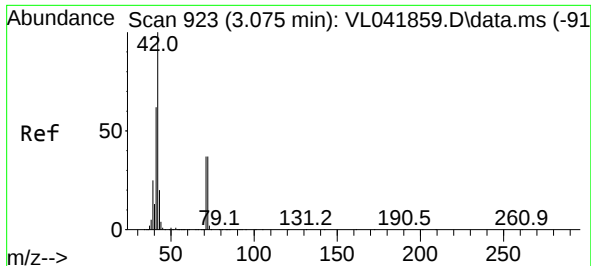
88 100

58 0.0 52.2 78.4#

43 2595.0 0.0 0.0#

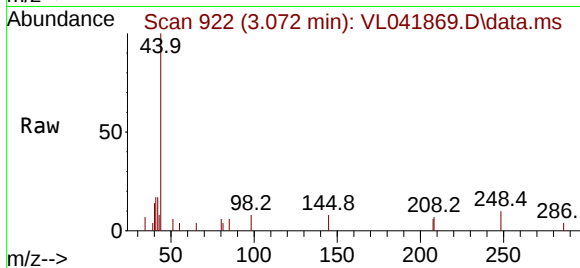
57 620.0 0.0 0.0#



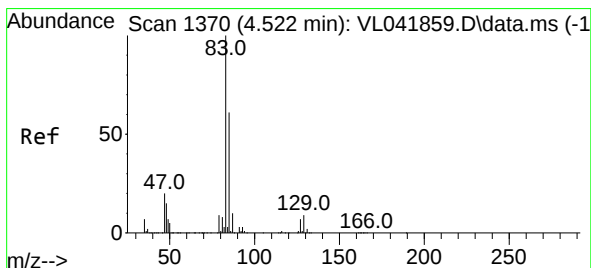
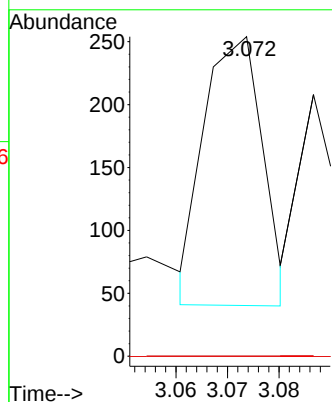
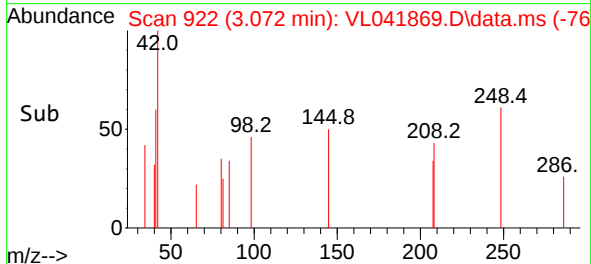


#41
Tetrahydrofuran
Concen: 0.005 ppbv
RT: 3.072 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

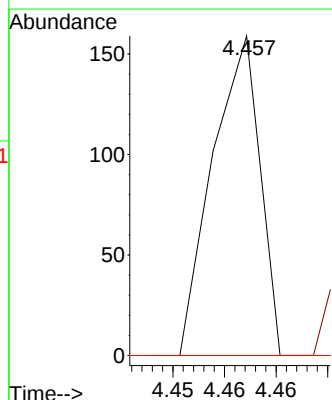
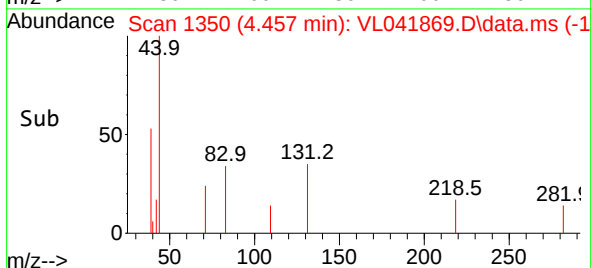
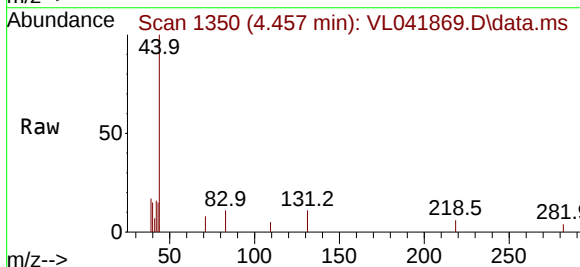


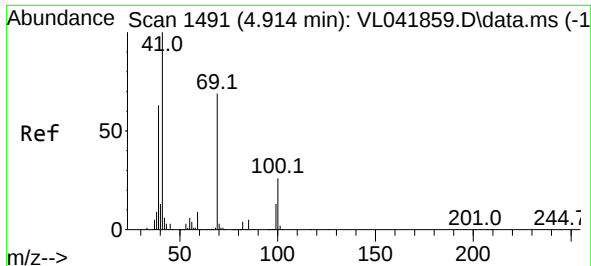
Tgt Ion: 42 Resp: 84
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.002 ppbv
RT: 4.457 min Scan# 1350
Delta R.T. -0.065 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

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#

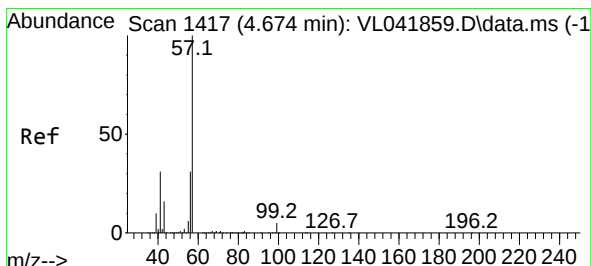
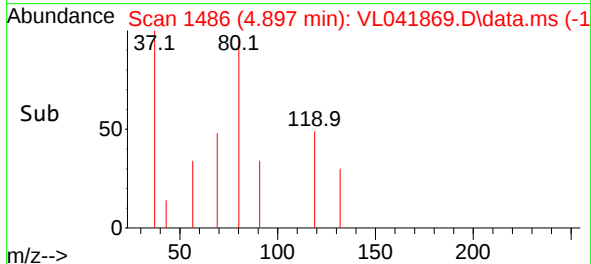
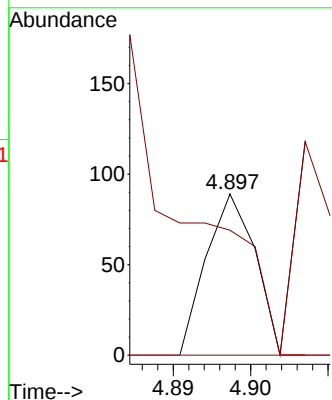
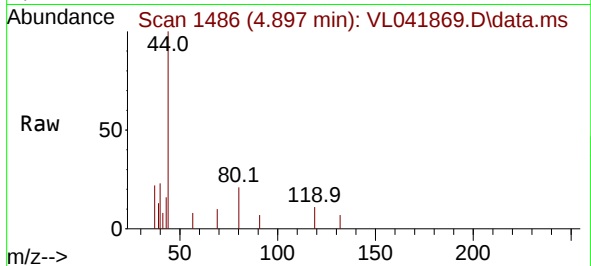




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. -0.016 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

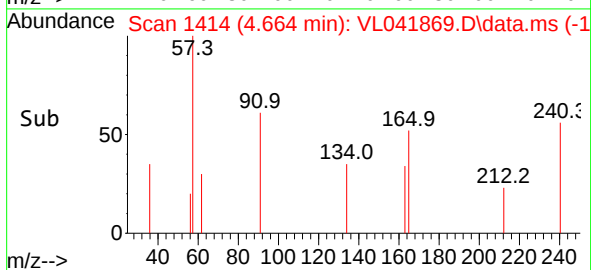
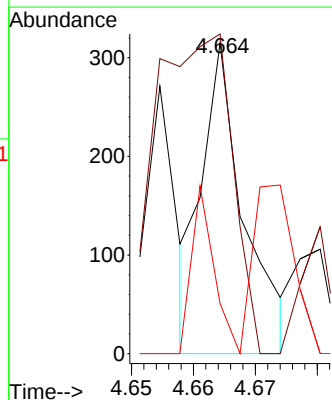
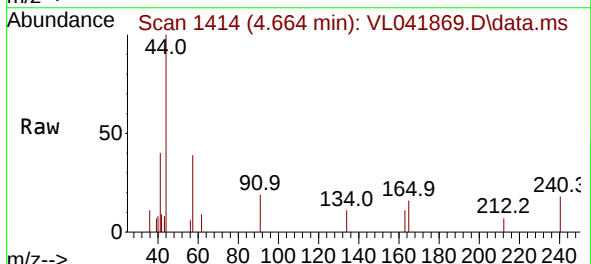
Instrument :
MSVOA_L
ClientSampleId :

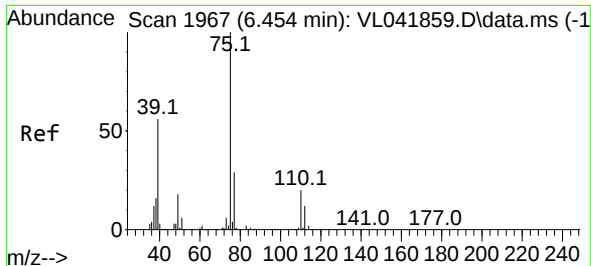
Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 389.7 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.002 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. -0.010 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 57 Resp: 148
Ion Ratio Lower Upper
57 100
41 380.4 25.5 38.3#
56 0.0 25.6 38.4#





#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 6.331 min Scan# 1619

Delta R.T. -0.123 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

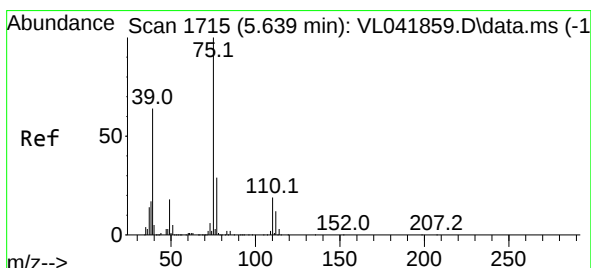
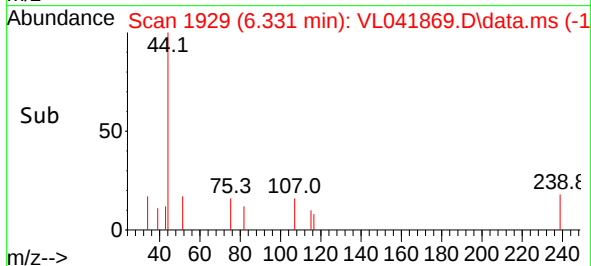
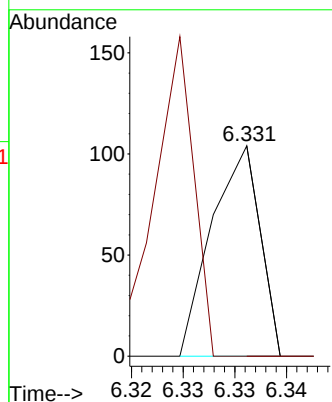
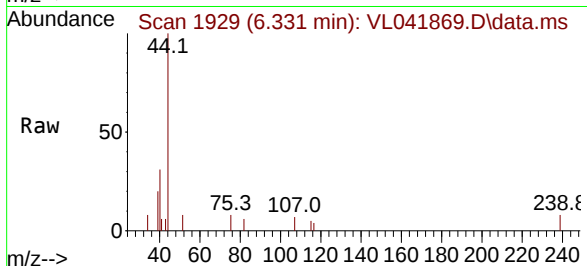
ClientSampleId :

Tgt Ion: 75 Resp: 34

Ion Ratio Lower Upper

75 100

77 0.0 23.4 35.2#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 5.328 min Scan# 1619

Delta R.T. -0.311 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

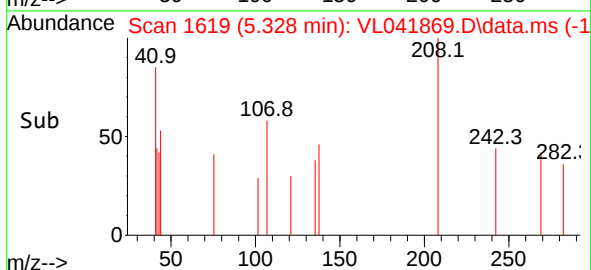
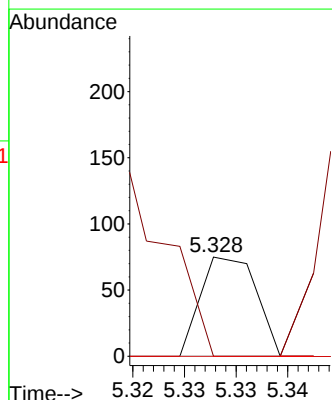
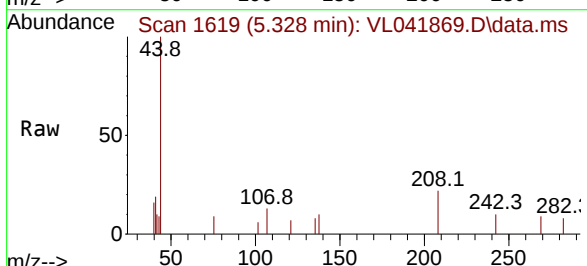
Tgt Ion: 75 Resp: 28

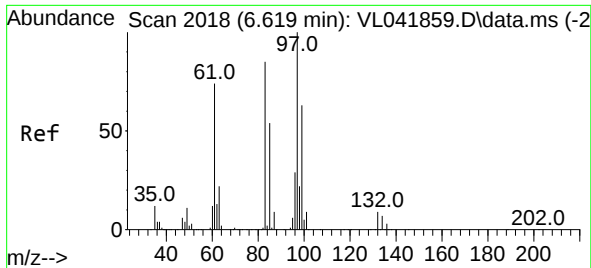
Ion Ratio Lower Upper

75 100

39 0.0 51.4 77.2#

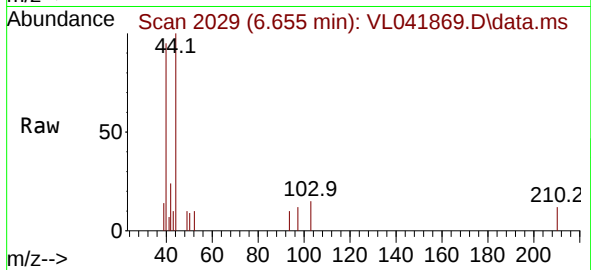
77 0.0 23.0 34.4#



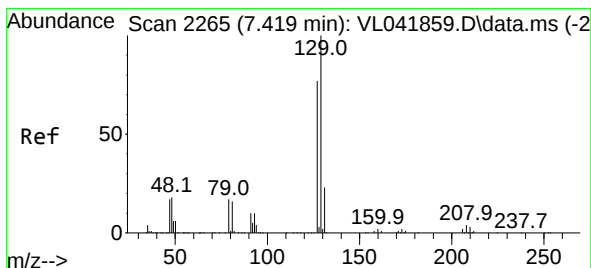
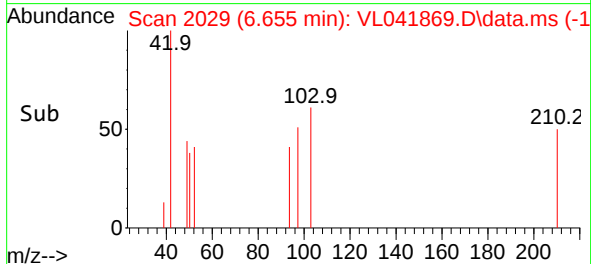
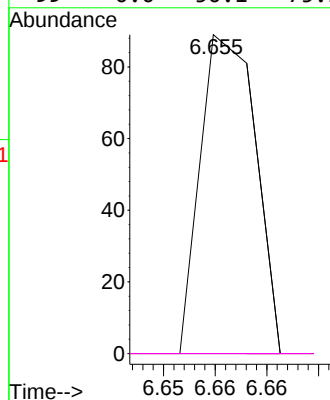


#47
1,1,2-Trichloroethane
Concen: 0.002 ppbv
RT: 6.655 min Scan# 20
Delta R.T. 0.036 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

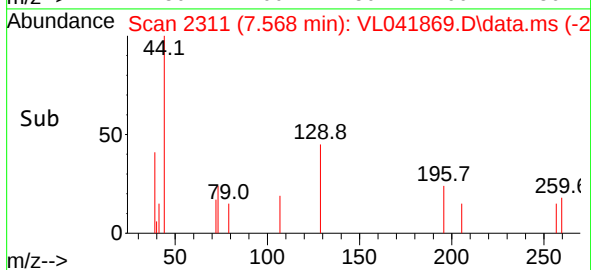
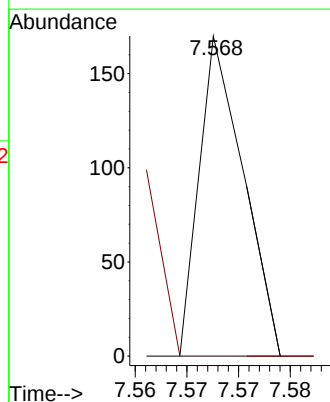
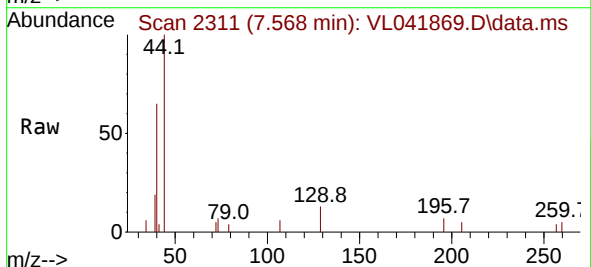


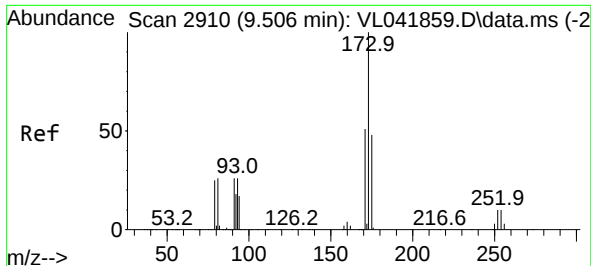
Tgt Ion: 97 Resp: 33
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 43.4 65.2#
99 0.0 50.1 75.1#



#48
Dibromochloromethane
Concen: 0.002 ppbv
RT: 7.568 min Scan# 2311
Delta R.T. 0.149 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 129 Resp: 50
Ion Ratio Lower Upper
129 100
127 34.0 39.4 118.1#





#49

Bromoform

Concen: 0.001 ppbv

RT: 9.519 min Scan# 2910

Delta R.T. 0.013 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

ClientSampleId :

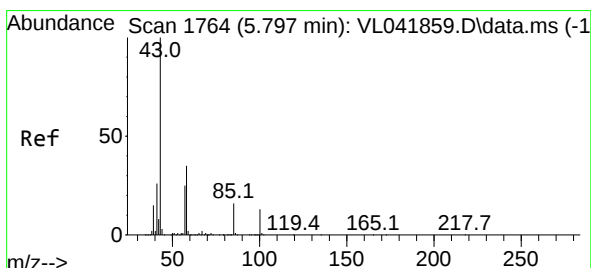
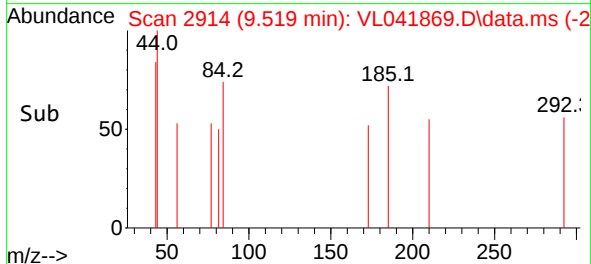
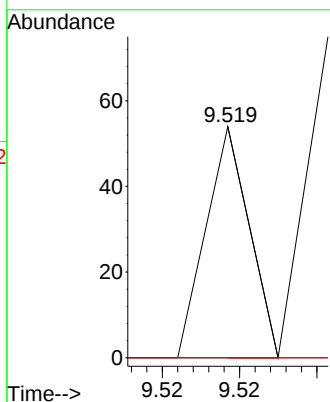
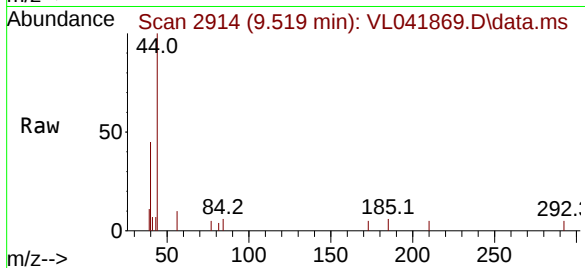
Tgt Ion:173 Resp: 11

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: 0.002 ppbv

RT: 5.797 min Scan# 1764

Delta R.T. -0.000 min

Lab File: VL041869.D

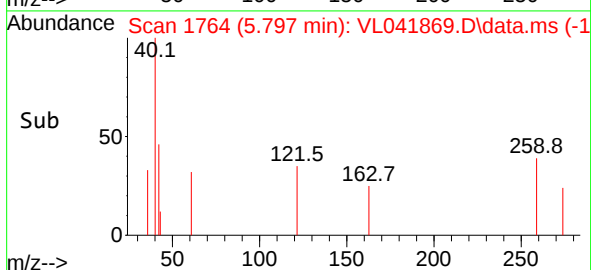
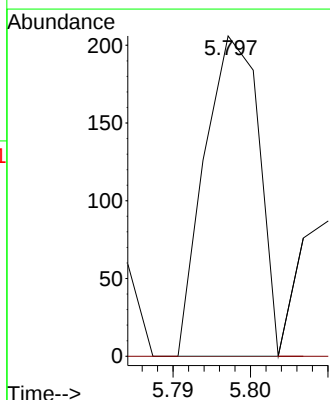
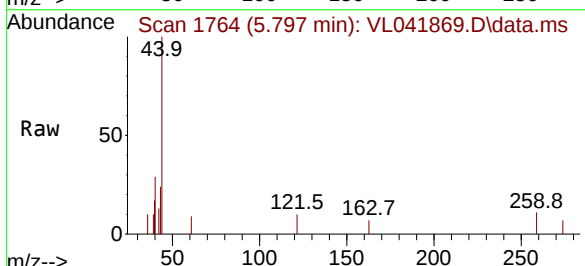
Acq: 09 Jan 2025 17:01

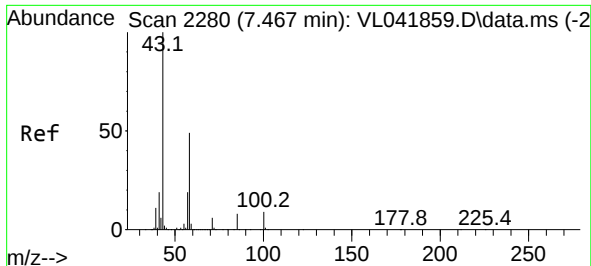
Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#

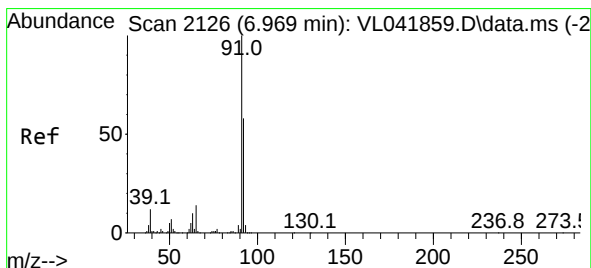
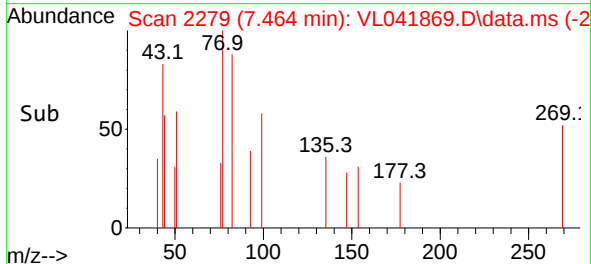
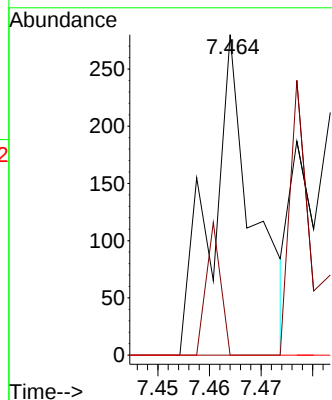
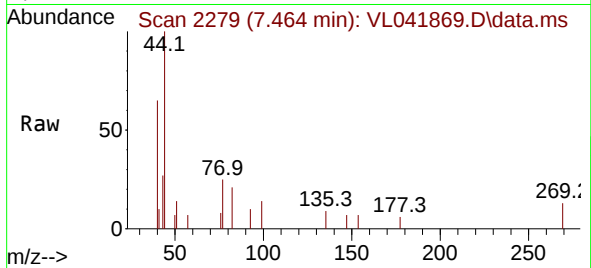




#51
2-Hexanone
Concen: 0.004 ppbv
RT: 7.464 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

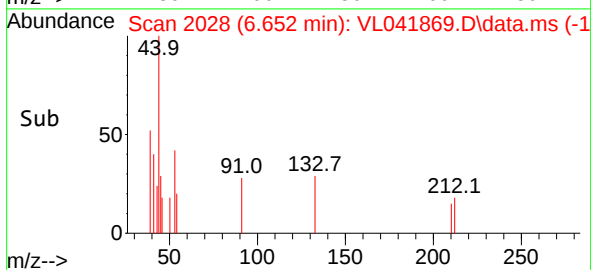
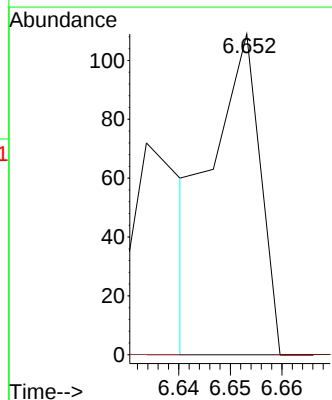
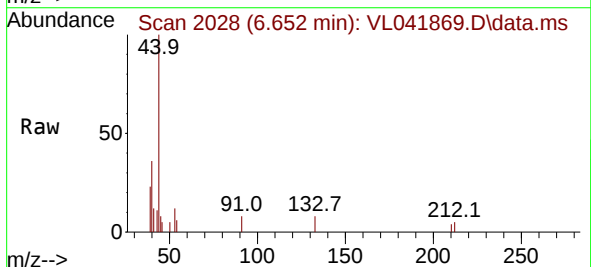
Instrument :
MSVOA_L
ClientSampleId :

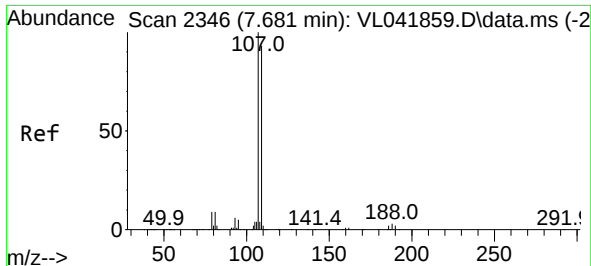
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 116.5 40.0 60.0#
98 0.0 0.1 0.1#



#53
Toluene
Concen: 0.001 ppbv
RT: 6.652 min Scan# 2028
Delta R.T. -0.317 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 91 Resp: 33
Ion Ratio Lower Upper
91 100
92 63.6 47.2 70.8





#54

1,2-Dibromoethane

Concen: 0.003 ppbv

RT: 7.626 min Scan# 21

Delta R.T. -0.055 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

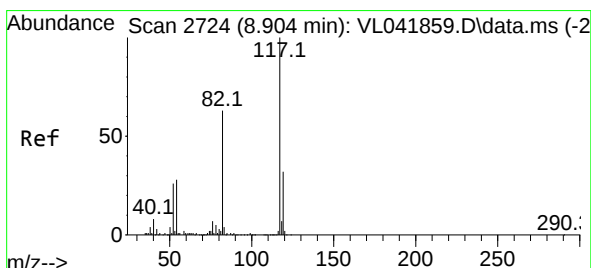
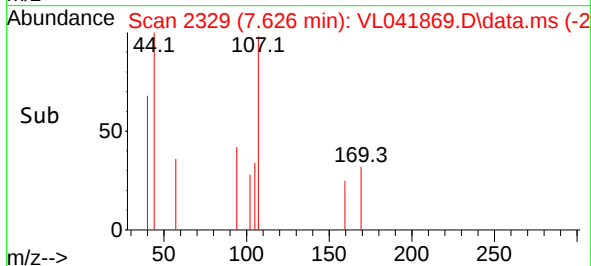
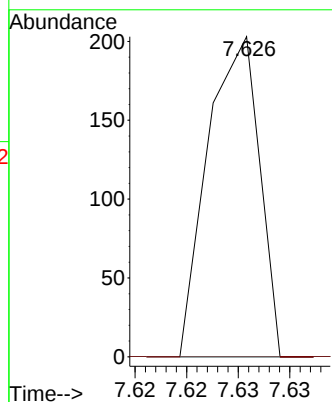
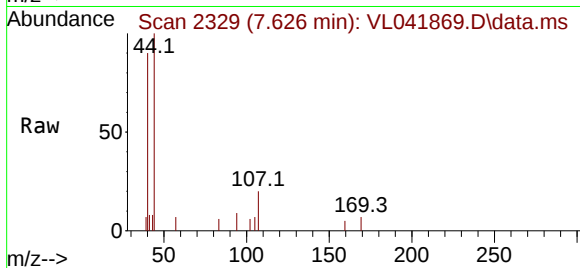
ClientSampleId :

Tgt Ion:107 Resp: 71

Ion Ratio Lower Upper

107 100

109 0.0 74.6 112.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan# 2723

Delta R.T. -0.003 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

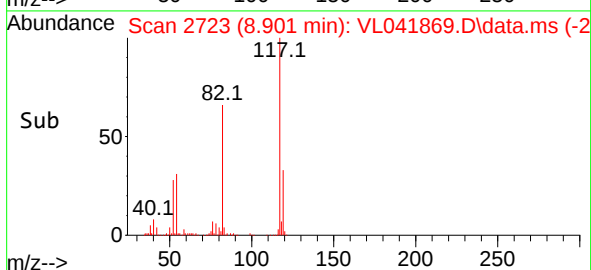
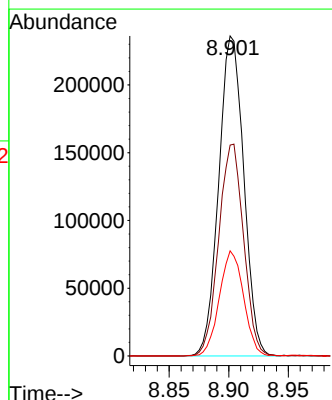
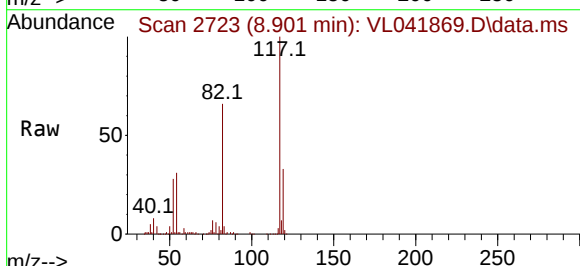
Tgt Ion:117 Resp: 344690

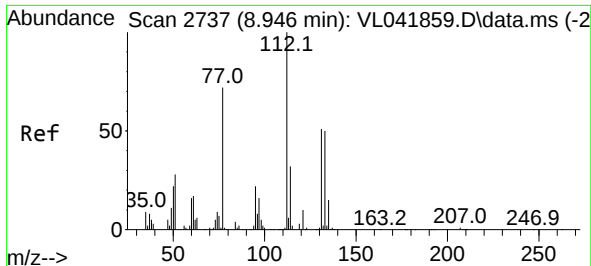
Ion Ratio Lower Upper

117 100

82 65.7 54.5 81.7

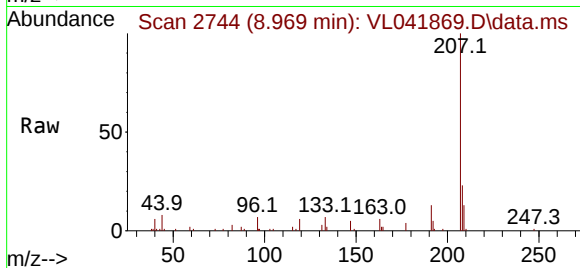
119 31.9 24.6 37.0



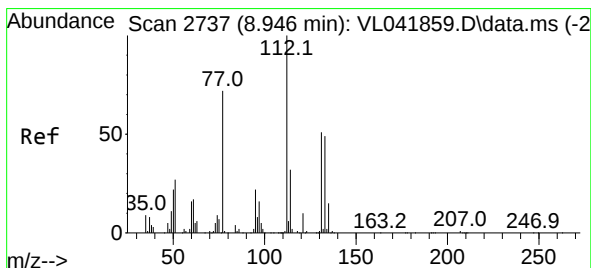
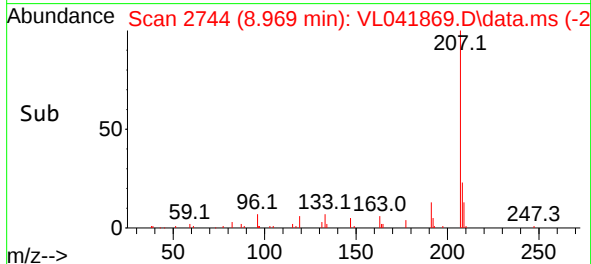
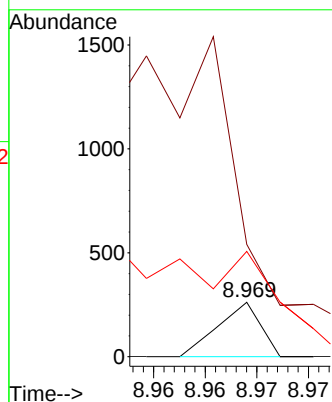


#56
1,1,1,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 8.969 min Scan# 211
Delta R.T. 0.023 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

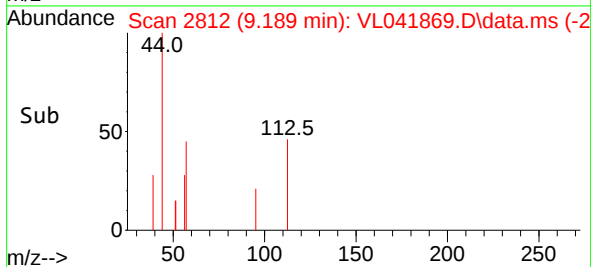
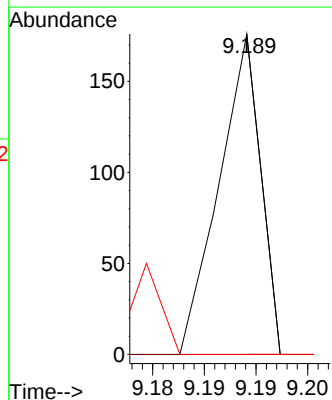
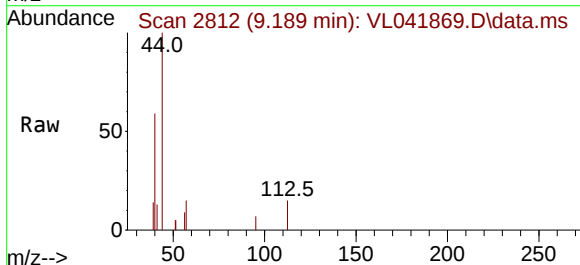


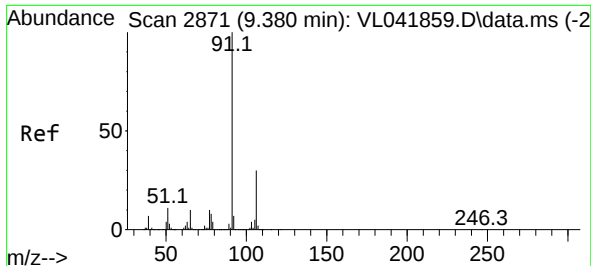
Tgt Ion:131 Resp: 76
Ion Ratio Lower Upper
131 100
133 2511.8 77.4 116.2#
119 0.0 49.4 74.0#



#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 9.189 min Scan# 2812
Delta R.T. 0.243 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion:112 Resp: 49
Ion Ratio Lower Upper
112 100
77 0.0 58.3 87.5#
114 0.0 28.9 35.3#





#58

Ethyl Benzene

Concen: 0.002 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. 0.165 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

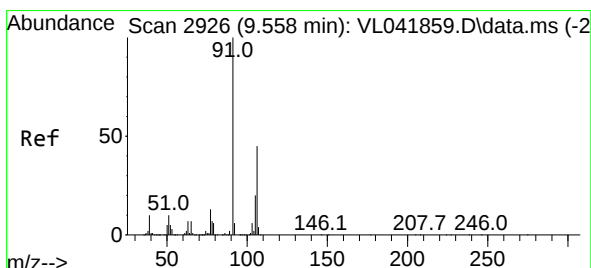
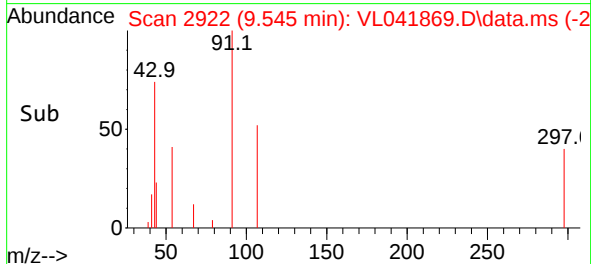
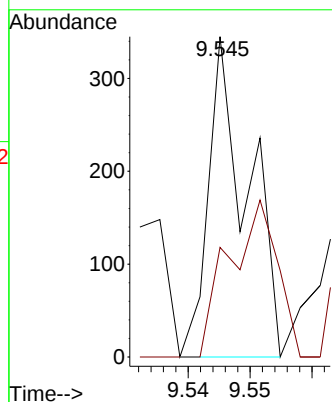
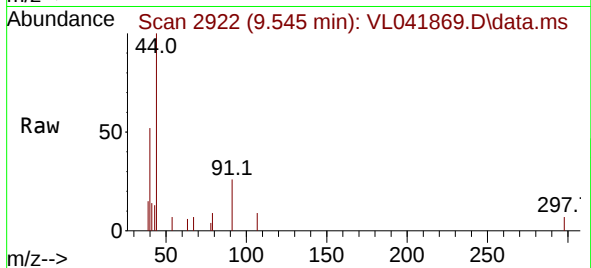
ClientSampleId :

Tgt Ion: 91 Resp: 152

Ion Ratio Lower Upper

91 100

106 34.2 24.2 36.2



#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. -0.013 min

Lab File: VL041869.D

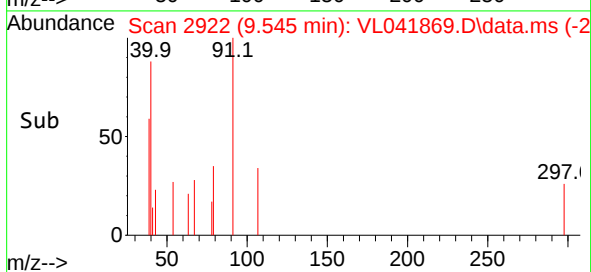
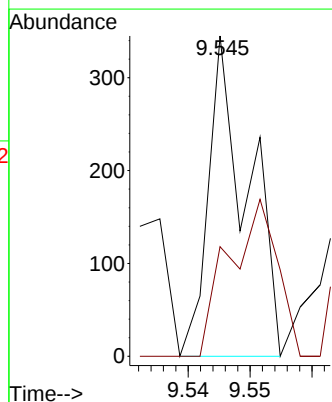
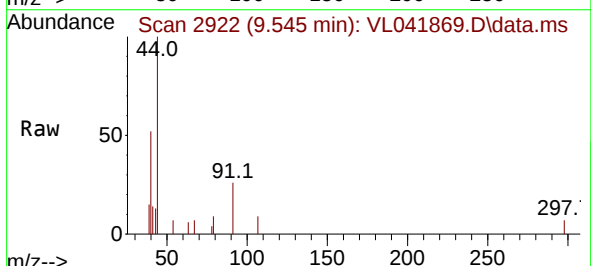
Acq: 09 Jan 2025 17:01

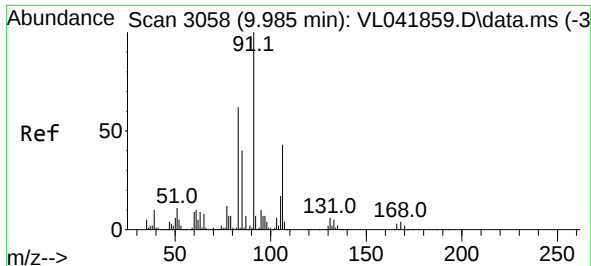
Tgt Ion: 91 Resp: 152

Ion Ratio Lower Upper

91 100

106 115.1 0.0 0.0#

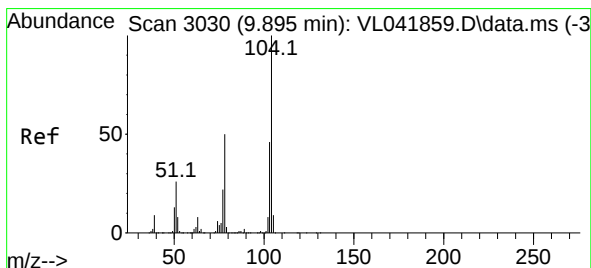
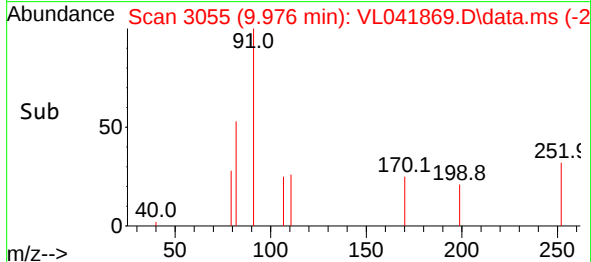
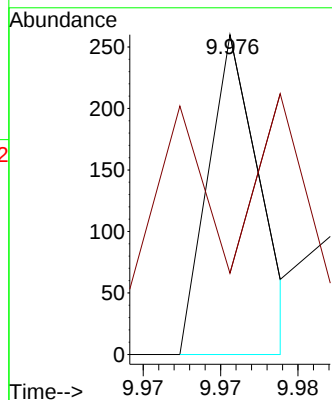
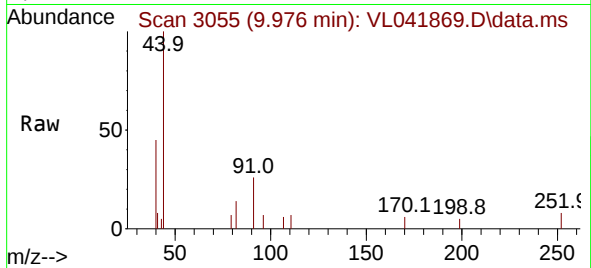




#60
o-Xylene
Concen: 0.001 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

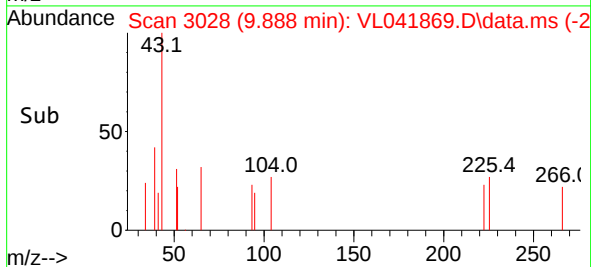
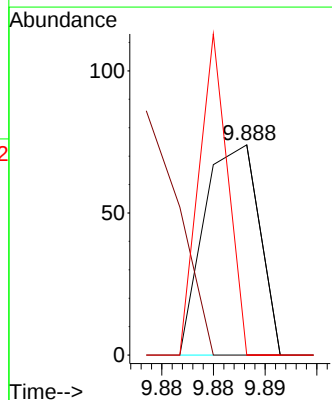
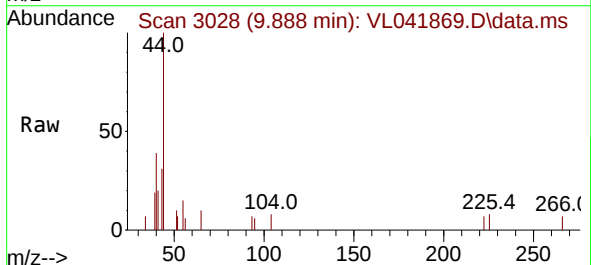
Instrument :
MSVOA_L
ClientSampleId :

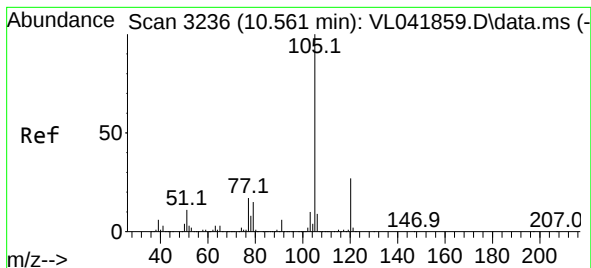
Tgt Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
106 308.1 21.4 64.3#



#61
Styrene
Concen: 0.001 ppbv
RT: 9.888 min Scan# 3028
Delta R.T. -0.007 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

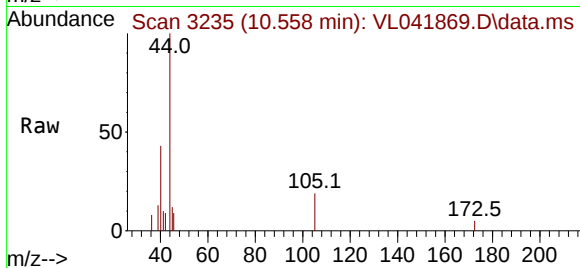
Tgt Ion:104 Resp: 27
Ion Ratio Lower Upper
104 100
78 0.0 40.7 61.1#
103 81.5 37.0 55.6#



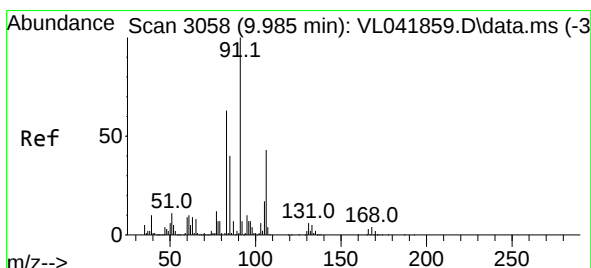
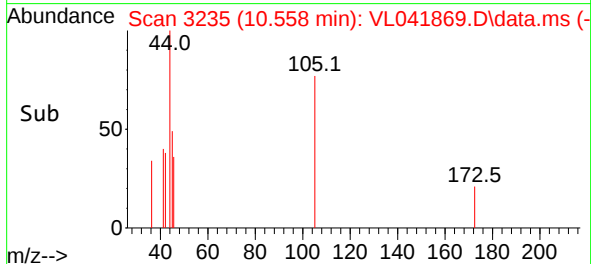
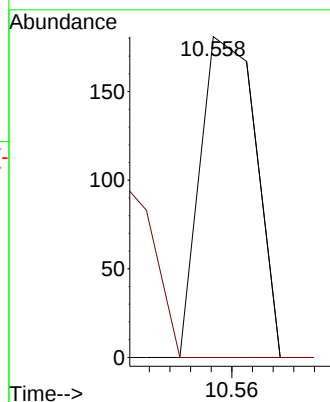


#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 10.558 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

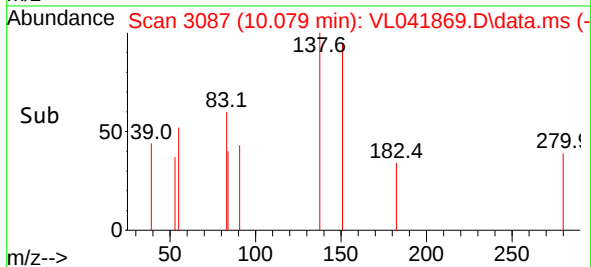
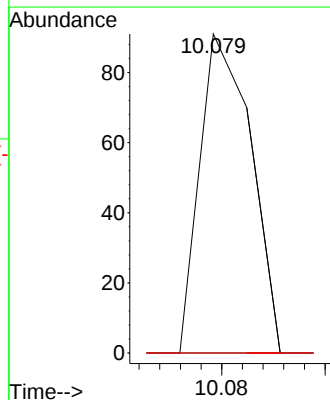
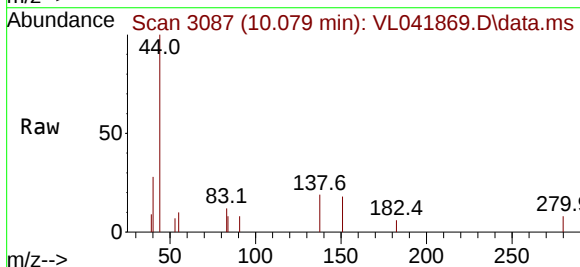


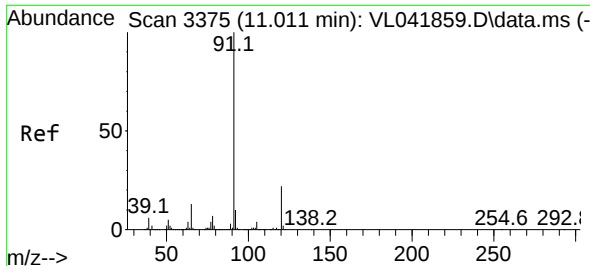
Tgt Ion:105 Resp: 68
Ion Ratio Lower Upper
105 100
120 82.4 20.3 30.5#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 10.079 min Scan# 3087
Delta R.T. 0.094 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 83 Resp: 31
Ion Ratio Lower Upper
83 100
131 74.2 4.8 14.3#
85 61.3 32.1 96.3

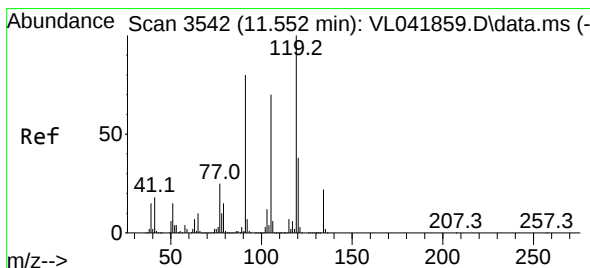
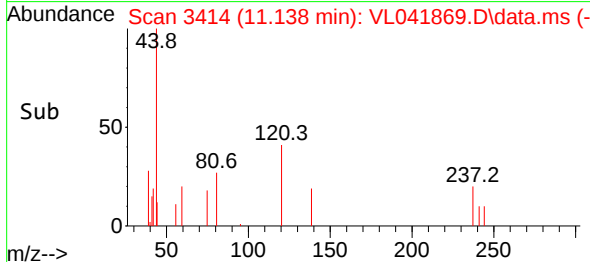
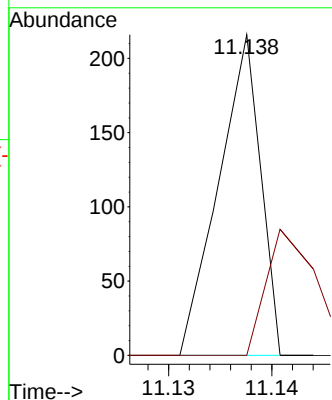
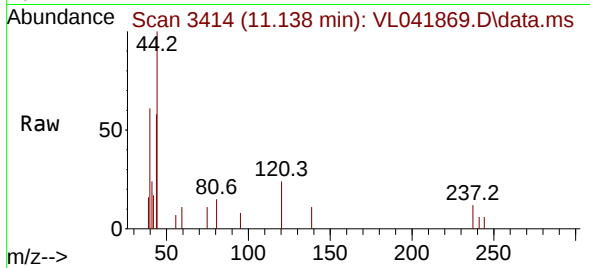




#64
n-propylbenzene
Concen: 0.003 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.126 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

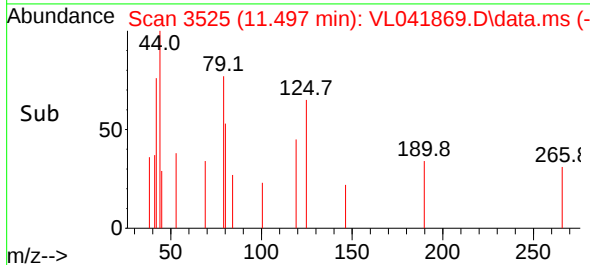
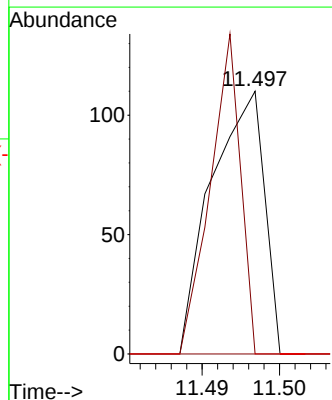
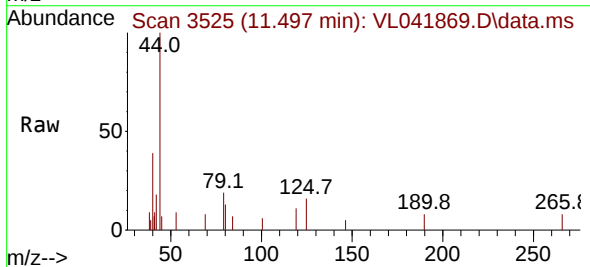
Instrument :
MSVOA_L
ClientSampleId :

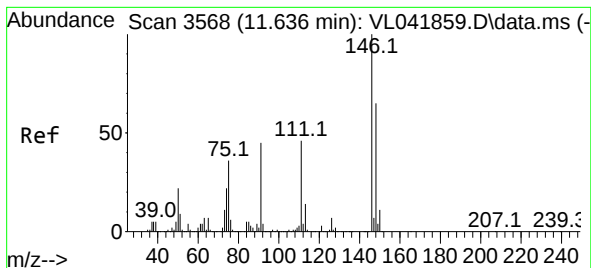
Tgt Ion:120 Resp: 61
Ion Ratio Lower Upper
120 100
91 155.7 376.9 565.3#



#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 11.497 min Scan# 3525
Delta R.T. -0.055 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

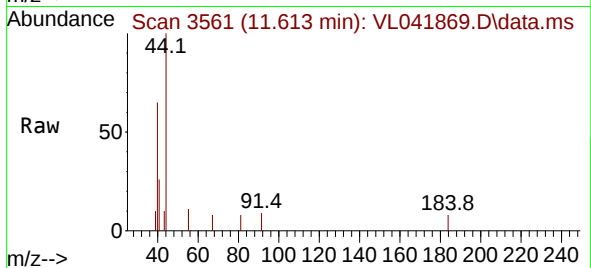
Tgt Ion:119 Resp: 52
Ion Ratio Lower Upper
119 100
91 69.2 64.6 97.0
134 65.4 16.9 25.3#



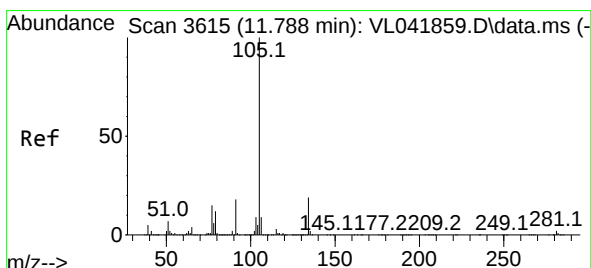
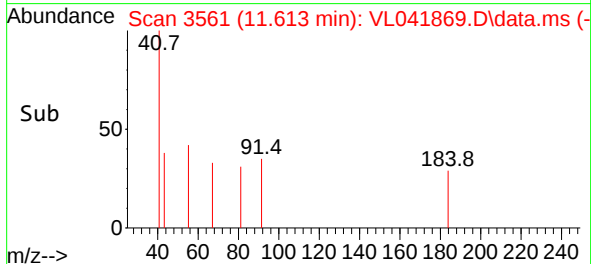
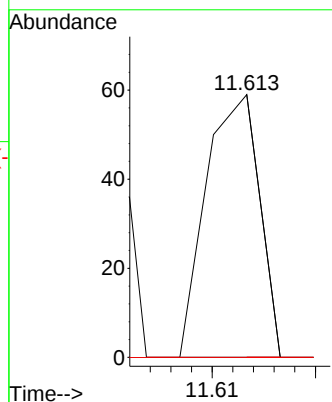


#66
Benzyl Chloride
Concen: 0.003 ppbv
RT: 11.613 min Scan# 3568
Delta R.T. -0.023 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

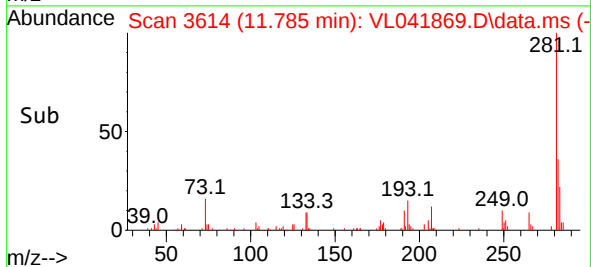
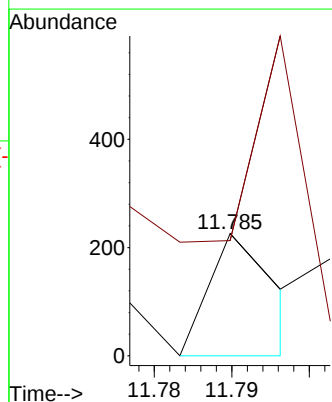
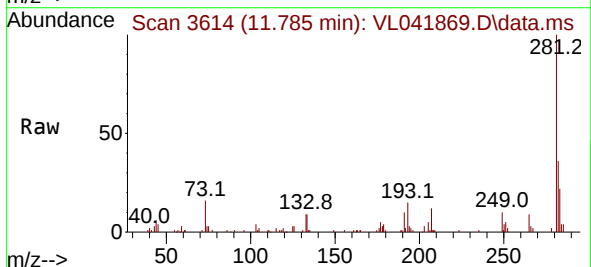


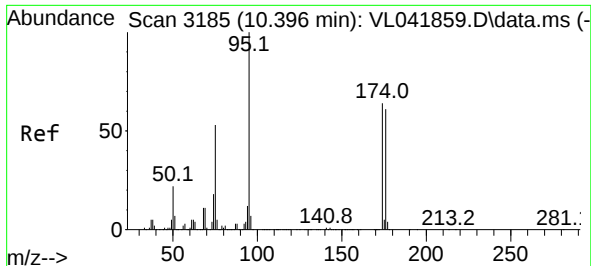
Tgt Ion: 91 Resp: 21
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#



#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 11.785 min Scan# 3614
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion: 105 Resp: 68
Ion Ratio Lower Upper
105 100
134 386.8 15.4 23.2#

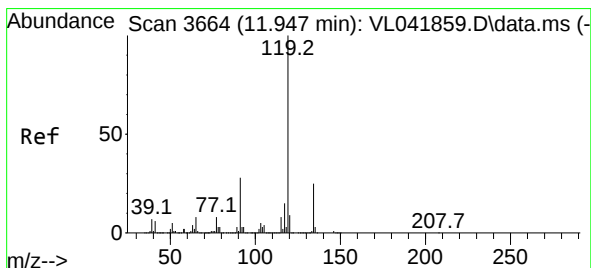
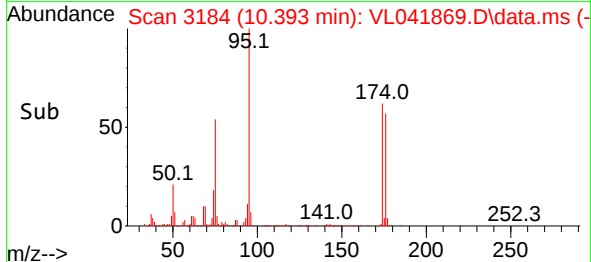
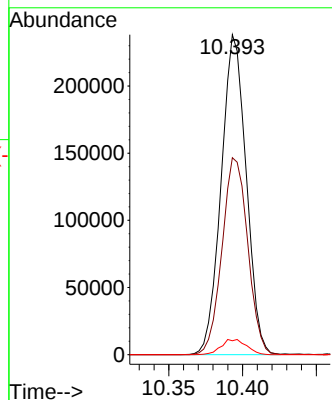
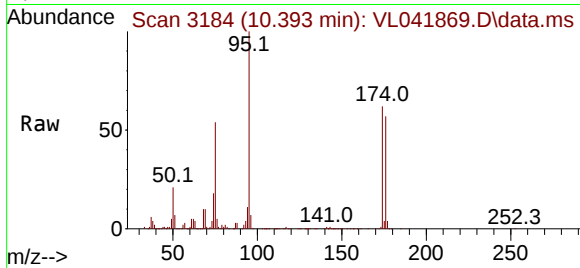




#68
1-Bromo-4-Fluorobenzene
Concen: 10.162 ppbv
RT: 10.393 min Scan# 3185
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

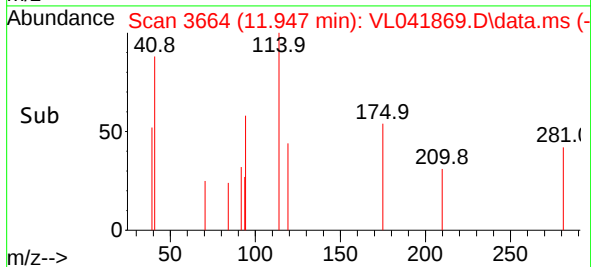
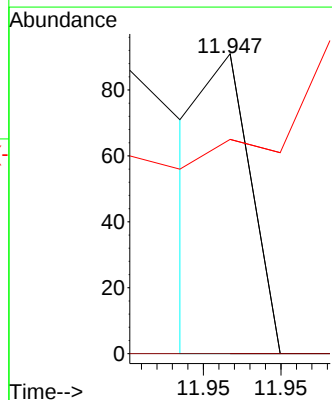
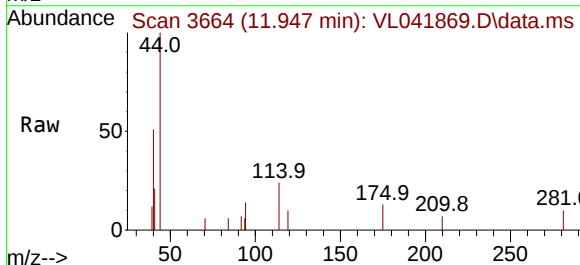
Instrument :
MSVOA_L
ClientSampleId :

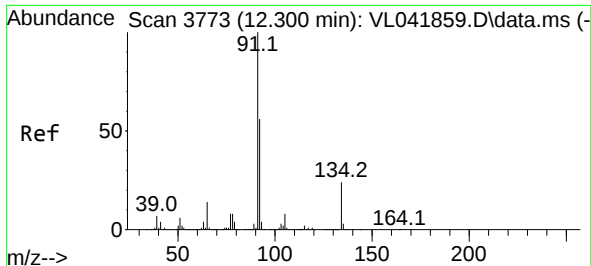
Tgt Ion: 95 Resp: 280854
Ion Ratio Lower Upper
95 100
174 63.3 51.1 76.7
175 4.9 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.000 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

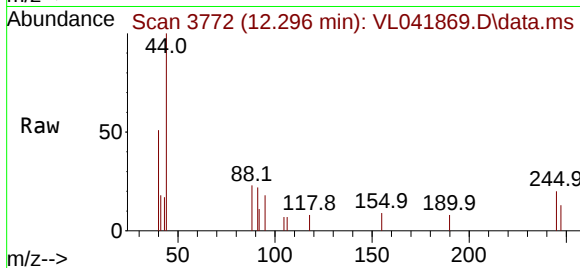
Tgt Ion: 119 Resp: 18
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 0.0 22.6 34.0#



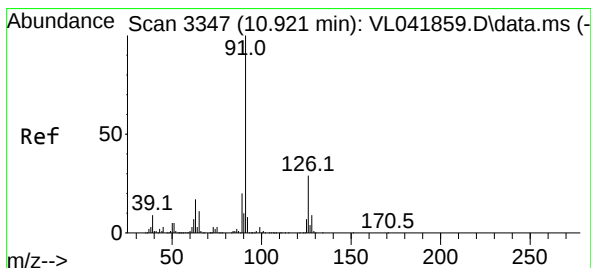
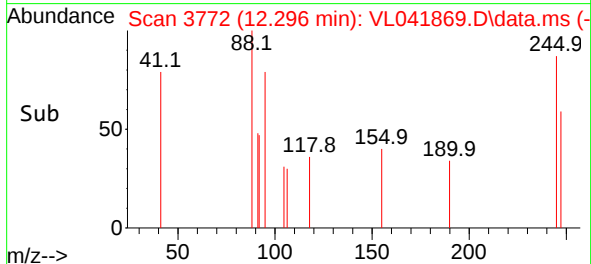
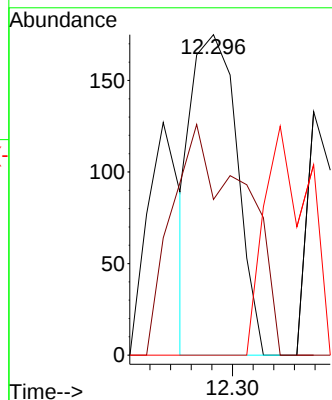


#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 12.296 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

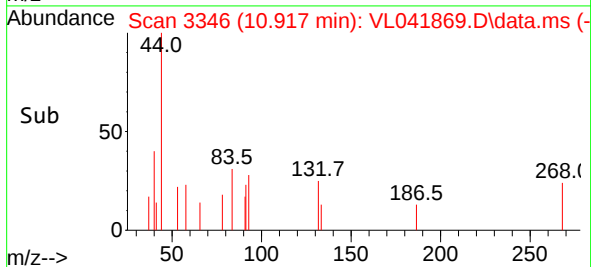
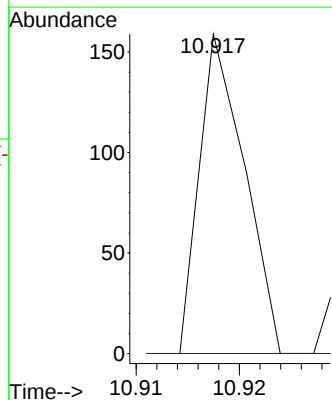
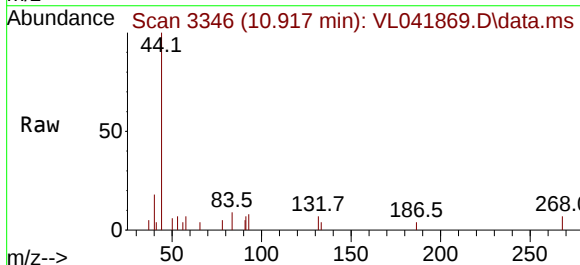


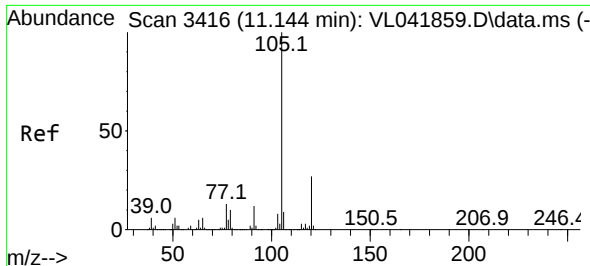
Tgt Ion: 91 Resp: 106
Ion Ratio Lower Upper
91 100
92 116.0 43.8 65.8#
134 0.0 19.3 28.9#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

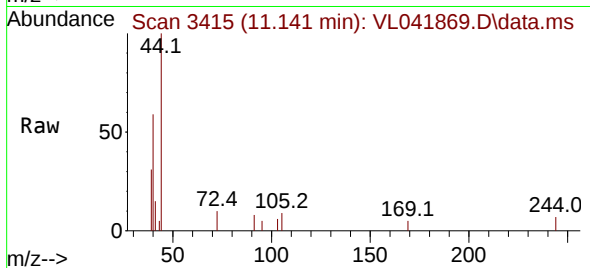
Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.6#



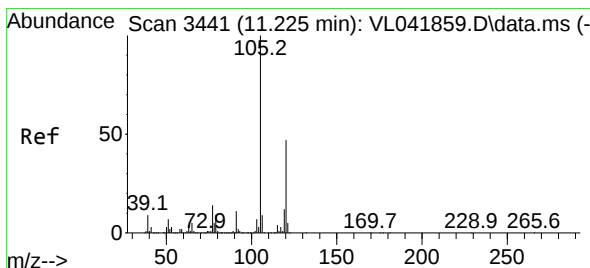
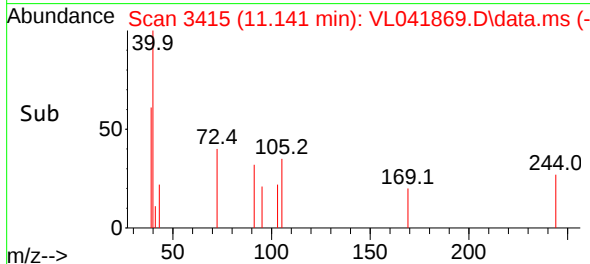
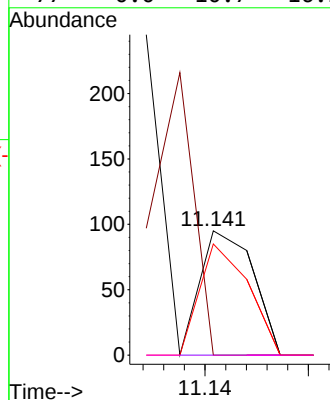


#72
4-Ethyltoluene
Concen: 0.000 ppbv
RT: 11.141 min Scan# 3416
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

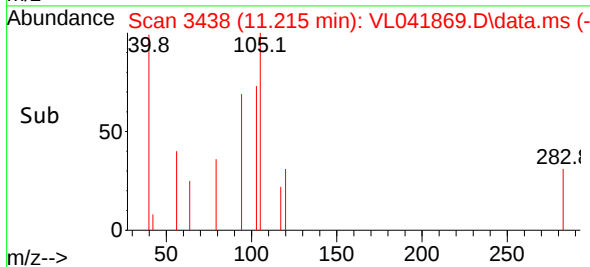
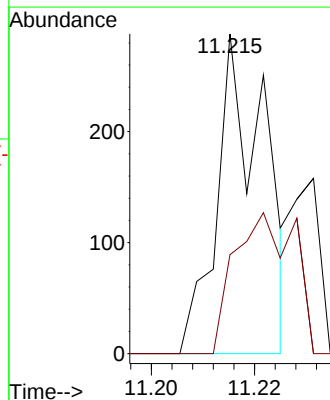
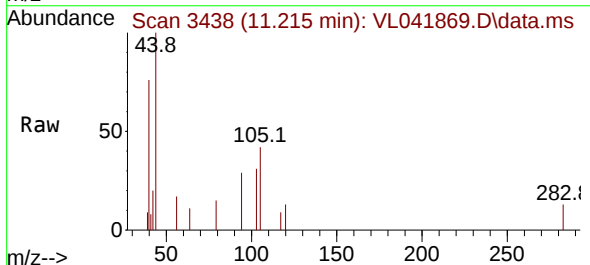


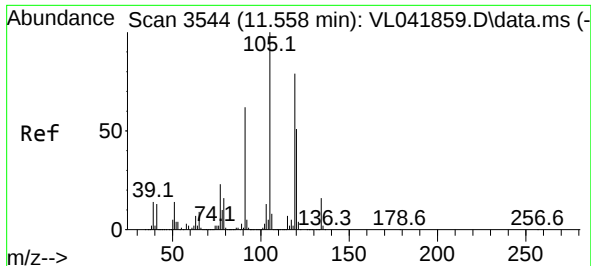
Tgt Ion:105 Resp: 34
Ion Ratio Lower Upper
105 100
120 179.4 23.5 35.3#
91 152.9 9.8 14.8#
77 0.0 10.7 16.1#



#73
1,3,5-Trimethylbenzene
Concen: 0.003 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. -0.010 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion:105 Resp: 182
Ion Ratio Lower Upper
105 100
120 30.9 37.2 55.8#

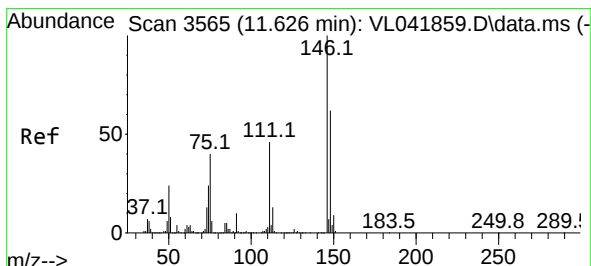
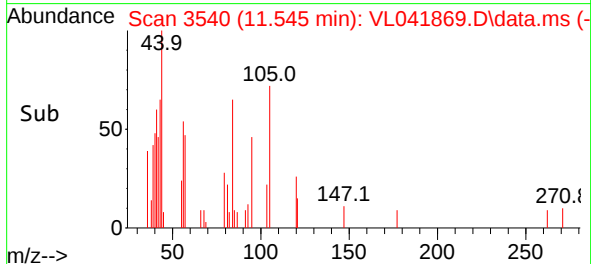
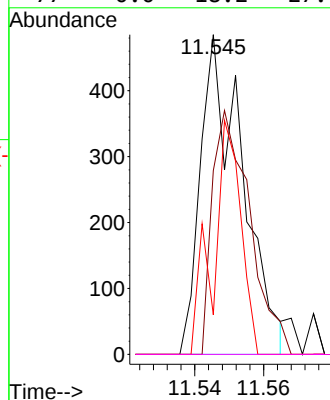
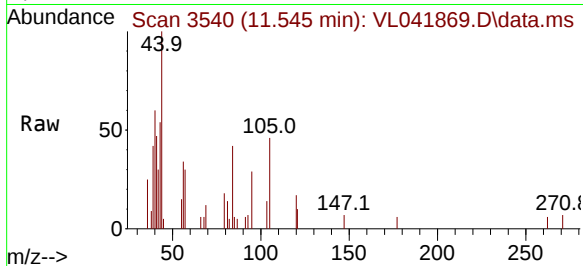




#74
1,2,4-Trimethylbenzene
Concen: 0.006 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.013 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

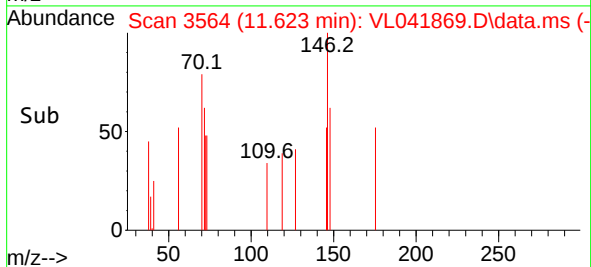
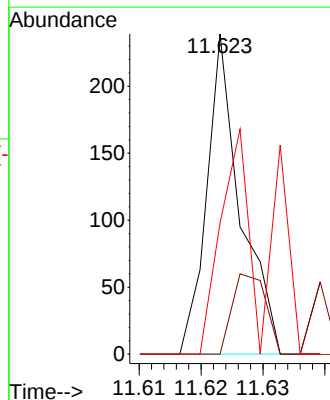
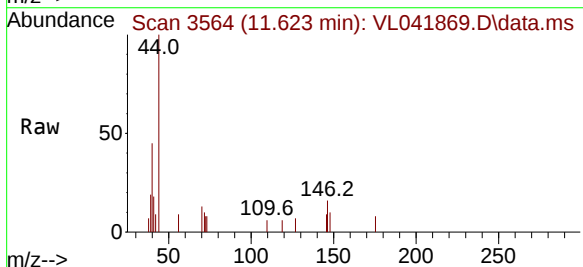
Instrument :
MSVOA_L
ClientSampleId :

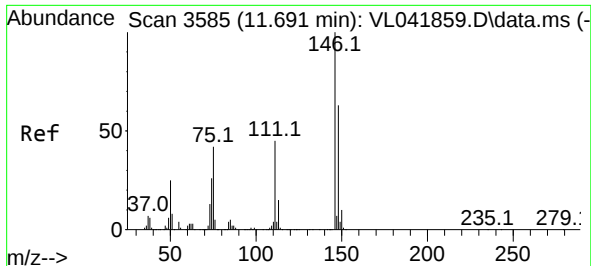
Tgt Ion:	105	Resp:	408
Ion	Ratio	Lower	Upper
105	100		
120	57.5	41.1	61.7
91	12.4	50.0	75.0#
77	0.0	18.2	27.4#



#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion:	146	Resp:	90
Ion	Ratio	Lower	Upper
146	100		
111	36.7	23.2	69.5
148	91.1	31.6	94.7

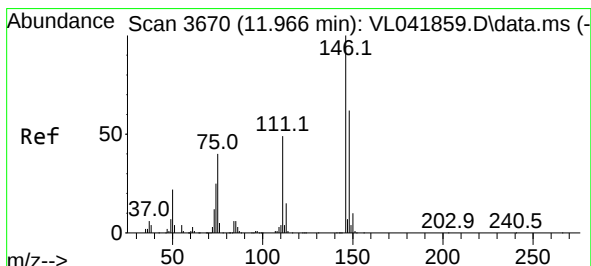
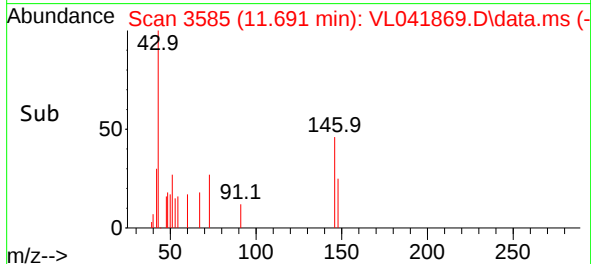
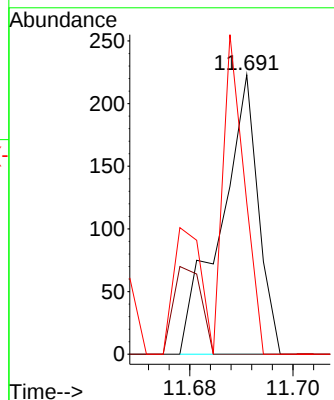
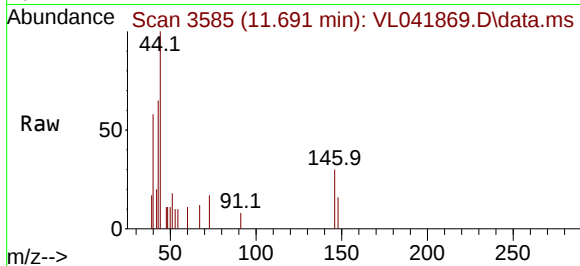




#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. -0.000 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

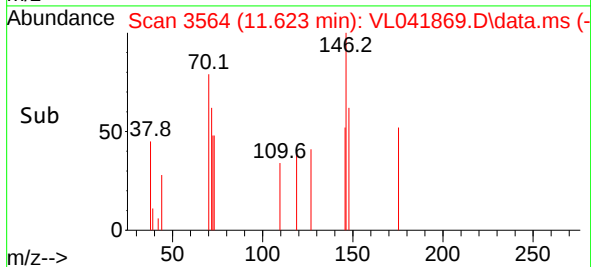
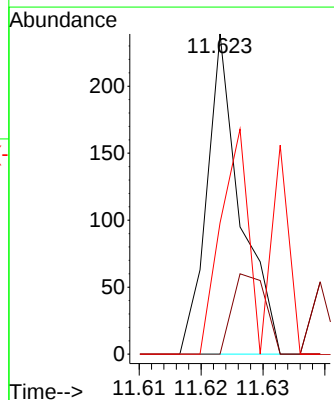
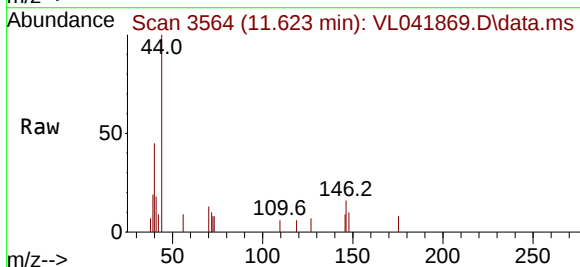
Instrument :
MSVOA_L
ClientSampleId :

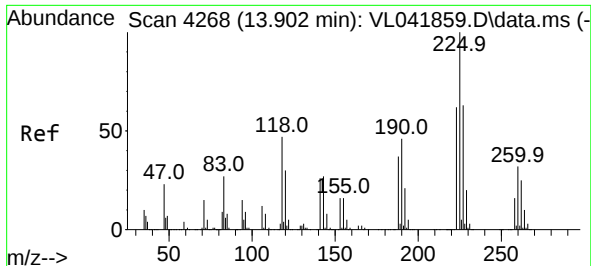
Tgt Ion:146 Resp: 112
Ion Ratio Lower Upper
146 100
111 23.2 22.1 66.1
148 108.9 31.2 93.6#



#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.343 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

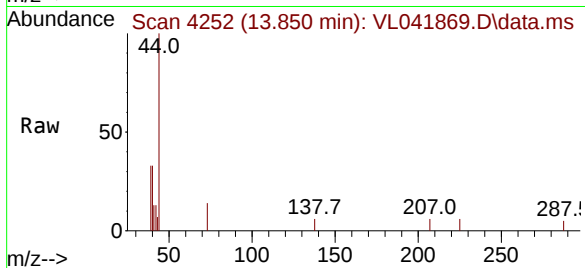
Tgt Ion:146 Resp: 90
Ion Ratio Lower Upper
146 100
111 36.7 24.1 72.3
148 91.1 31.5 94.5



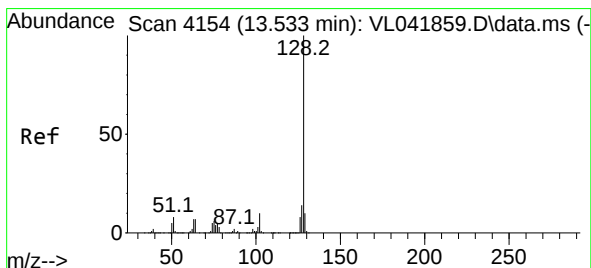
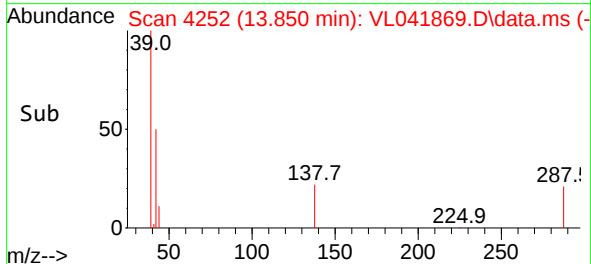
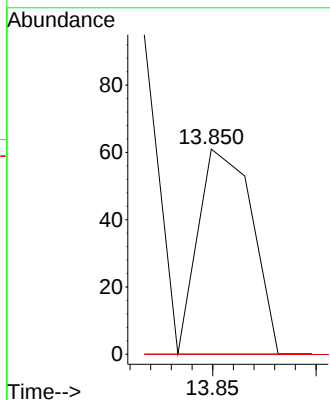


#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 13.850 min Scan# 41
Delta R.T. -0.052 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :

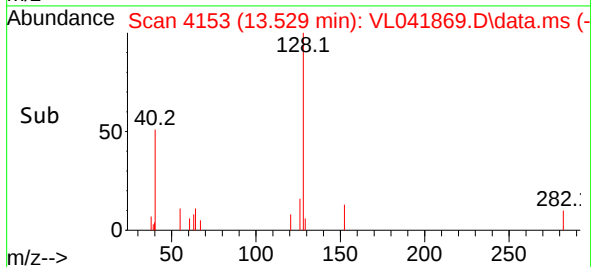
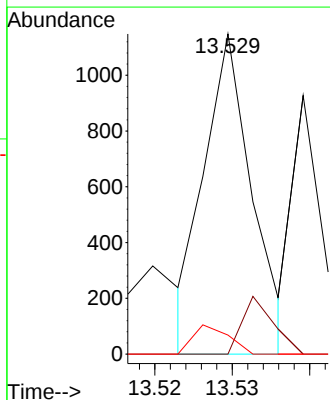
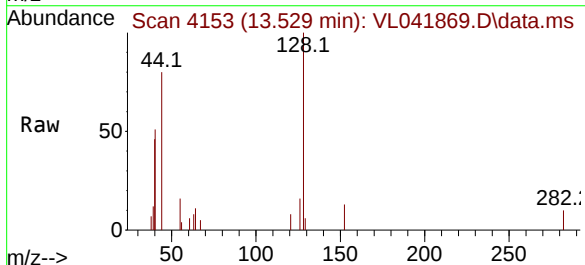


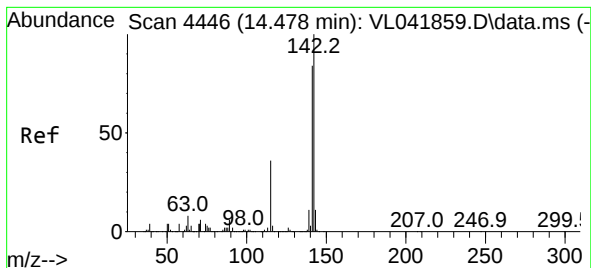
Tgt Ion:225 Resp: 22
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#



#79
Naphthalene
Concen: 0.007 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. -0.003 min
Lab File: VL041869.D
Acq: 09 Jan 2025 17:01

Tgt Ion:128 Resp: 492
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 7.2 8.2 12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.007 ppbv

RT: 14.481 min Scan# 4447

Delta R.T. 0.003 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Instrument :

MSVOA_L

ClientSampleId :

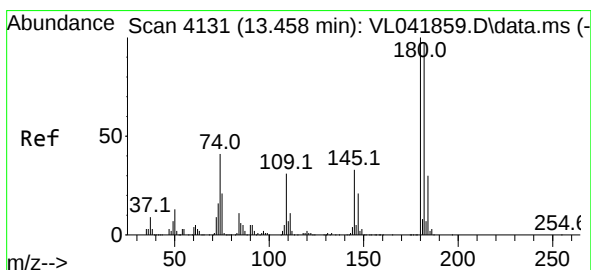
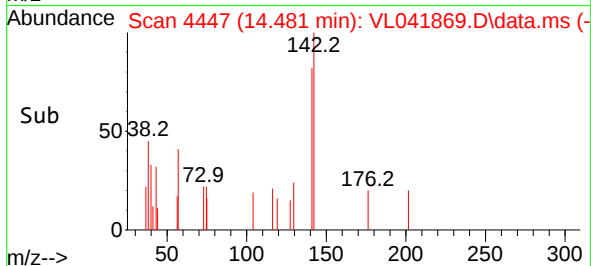
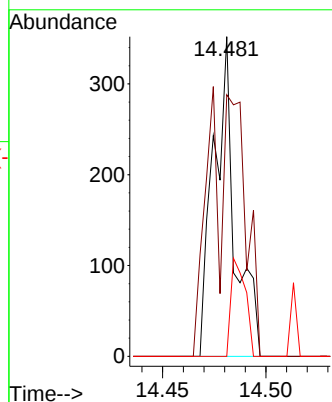
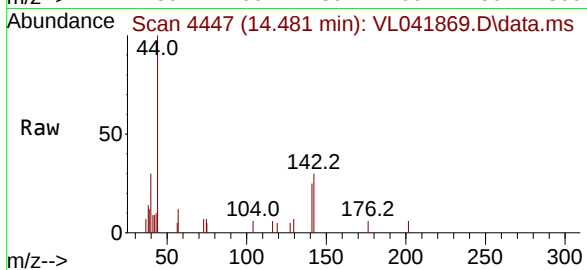
Tgt Ion:142 Resp: 251

Ion Ratio Lower Upper

142 100

141 137.5 68.2 102.4#

115 20.7 29.4 44.2#



#81

1,2,4-Trichlorobenzene

Concen: 0.009 ppbv

RT: 13.458 min Scan# 4131

Delta R.T. -0.000 min

Lab File: VL041869.D

Acq: 09 Jan 2025 17:01

Tgt Ion:180 Resp: 280

Ion Ratio Lower Upper

180 100

182 121.1 75.8 113.8#

184 64.3 24.1 36.1#

