

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041854.D
 Acq On : 07 Jan 2025 20:36
 Operator : SY/MD
 Sample : VL0107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:58:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	85990	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	194920	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	165772	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 151241 10.652 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	146771	10.402	ppbv	99
3) Chlorodifluoromethane	1.479	51	135919	10.082	ppbv	99
4) Chloromethane	1.534	50	60366	10.404	ppbv	97
5) Vinyl Chloride	1.583	62	53590	9.158	ppbv	99
6) Bromomethane	1.670	94	24581	9.806	ppbv	99
7) Chloroethane	1.709	64	22309	9.903	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	125331	10.296	ppbv	100
9) Propene	1.486	41	45656	9.728	ppbv	99
10) Heptane	4.994	43	144790	12.489	ppbv	98
11) Trichlorofluoromethane	1.881	101	148270	10.335	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	109192	10.219	ppbv	99
13) Ethanol	1.725	45	2779	4.507	ppbv	92
14) Bromoethene	1.787	108	35736	10.216	ppbv	98
15) Acetone	1.839	43	135237	8.542	ppbv	97
16) 1,3-Butadiene	1.612	39	65023	10.474	ppbv	96
17) tert-Butyl alcohol	2.046	59	138354	10.086	ppbv	100
18) 1,1-Dichloroethene	2.039	96	43896	9.812	ppbv	95
19) Isopropyl Alcohol	1.890	45	64033	8.616	ppbv	99
20) Methylene Chloride	2.065	84	40402	8.927	ppbv	95
21) Allyl Chloride	2.101	41	85878	10.530	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	50124	10.025	ppbv	91
23) Vinyl Acetate	2.470	43	41833	8.496	ppbv #	95
24) 1,1-Dichloroethane	2.415	63	113470	10.369	ppbv	99
25) Ethyl Acetate	2.842	43	295219	11.120	ppbv	99
26) Hexane	2.835	57	105115	11.408	ppbv	95
27) Carbon Disulfide	2.156	76	104740	11.977	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	66688	9.603	ppbv	100
29) Chloroform	2.858	83	173121	10.114	ppbv	98
30) Cyclohexane	3.871	84	83245	11.914	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	97209	10.250	ppbv	99
32) 1,1,1-Trichloroethane	3.379	97	158450	10.214	ppbv	99
34) 2-Butanone	2.564	43	162772	10.601	ppbv	99
35) Carbon Tetrachloride	3.774	117	168870	11.463	ppbv	96
36) Benzene	3.667	78	205594	11.041	ppbv	97
37) 1,2-Dichloroethane	3.227	62	132576	10.830	ppbv	99
38) Trichloroethene	4.564	130	76911	10.741	ppbv	94
39) 1,2-Dichloropropane	4.331	63	76980	10.687	ppbv	96
40) 1,4-Dioxane	4.599	88	31586	11.330	ppbv #	79
41) Tetrahydrofuran	3.065	42	87142	12.048	ppbv	99
42) Bromodichloromethane	4.502	83	168564	11.741	ppbv	97
43) Methyl Methacrylate	4.900	69	72301	12.365	ppbv	99
44) 2,2,4-Trimethylpentane	4.654	57	383142	12.488	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	62730	10.988	ppbv	92

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 Data File : VL041854.D
 Acq On : 07 Jan 2025 20:36
 Operator : SY/MD
 Sample : VL0107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

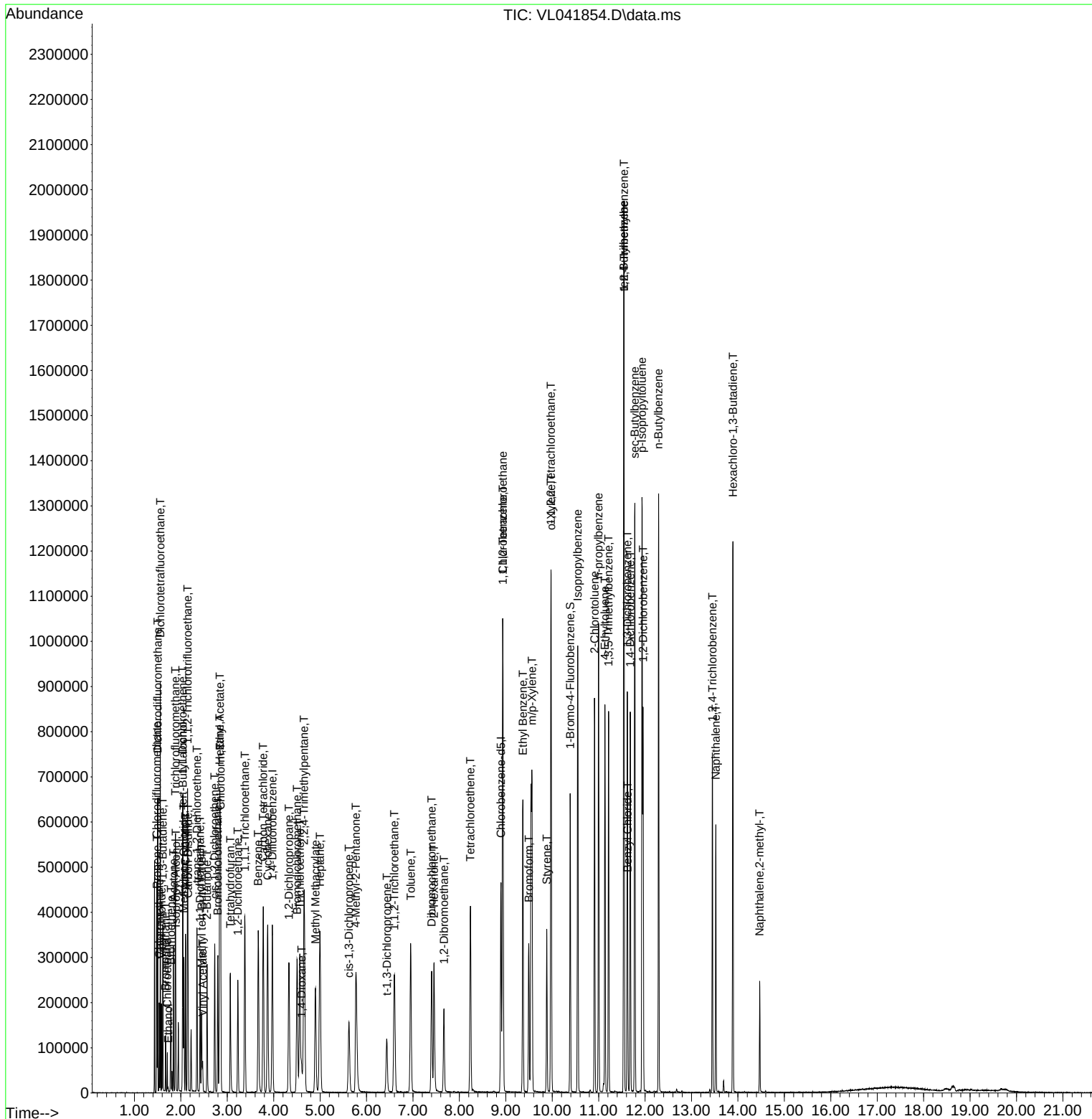
Instrument :
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 ClientSampleId :

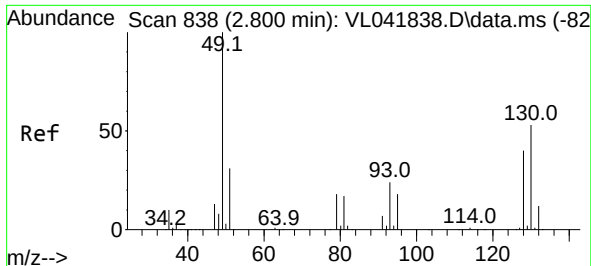
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	85898	11.427	ppbv	95
47) 1,1,2-Trichloroethane	6.596	97	82732	10.873	ppbv	94
48) Dibromochloromethane	7.402	129	118547	12.224	ppbv	96
49) Bromoform	9.496	173	99742	12.834	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	231659	13.046	ppbv	100
51) 2-Hexanone	7.454	43	185684	13.818	ppbv	99
52) Tetrachloroethene	8.237	164	63814	11.558	ppbv	96
53) Toluene	6.952	91	214221	12.926	ppbv	99
54) 1,2-Dibromoethane	7.668	107	106412	11.406	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.936	131	107865	11.417	ppbv	99
57) Chlorobenzene	8.933	112	187743	10.840	ppbv	93
58) Ethyl Benzene	9.367	91	312700	13.840	ppbv	100
59) m/p-Xylene	9.561	91	241309	12.123	ppbv #	9
60) o-Xylene	9.975	91	277919	14.326	ppbv	99
61) Styrene	9.882	104	105876	14.068	ppbv	99
62) Isopropylbenzene	10.548	105	412478	13.534	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	186060	10.938	ppbv	99
64) n-propylbenzene	10.998	120	106028	13.560	ppbv	97
65) tert-Butylbenzene	11.542	119	378118	13.768	ppbv	99
66) Benzyl Chloride	11.626	91	25930	11.271	ppbv	99
67) sec-Butylbenzene	11.778	105	533436	13.311	ppbv	100
69) p-Isopropyltoluene	11.934	119	433960	13.793	ppbv	100
70) n-Butylbenzene	12.290	91	435228	13.769	ppbv	99
71) 2-Chlorotoluene	10.911	91	299922	13.557	ppbv	99
72) 4-Ethyltoluene	11.134	105	332097	14.156	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	286930	13.965	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	317547	13.342	ppbv #	79
75) 1,3-Dichlorobenzene	11.616	146	181271	11.380	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	180588	11.781	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	178366	10.745	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	115209	9.776	ppbv	99
79) Naphthalene	13.523	128	241512	13.776	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	56888	8.767	ppbv	98
81) 1,2,4-Trichlorobenzene	13.452	180	107489	11.062	ppbv	99

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

Quant Time: Jan 08 03:58:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
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QLast Update : Wed Jan 08 03:26:12 2025
Response via : Initial Calibration

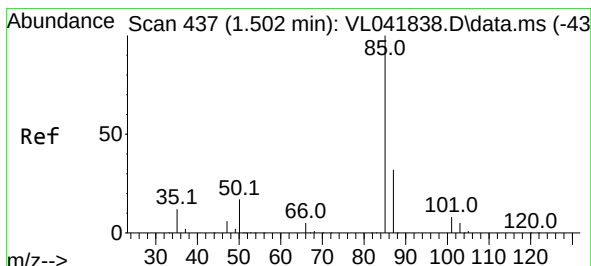
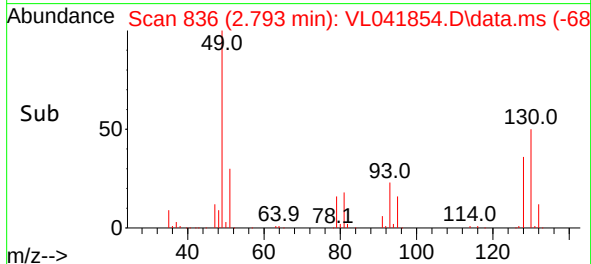
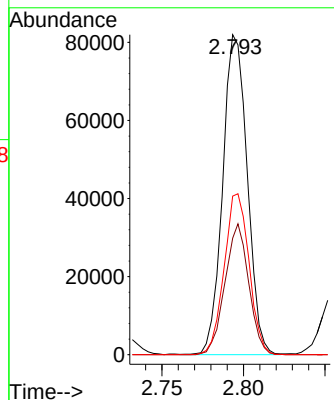
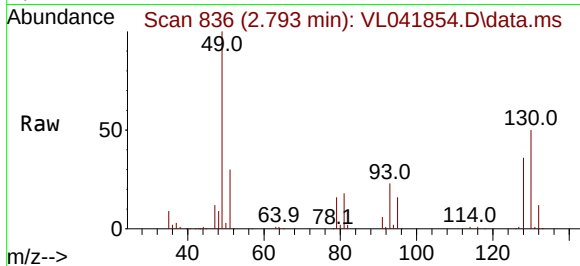




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 838
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

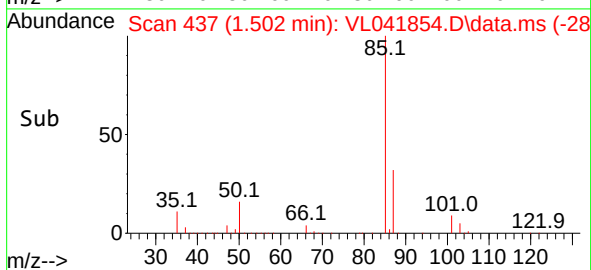
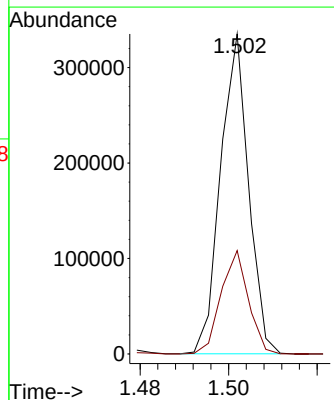
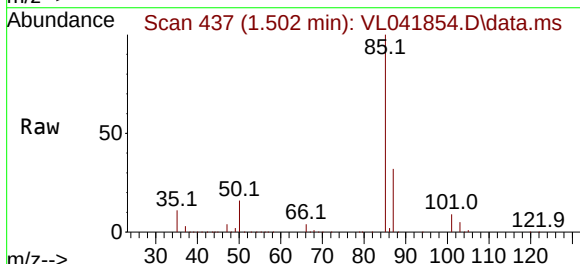
Instrument :
MSVOA_L
ClientSampleId :

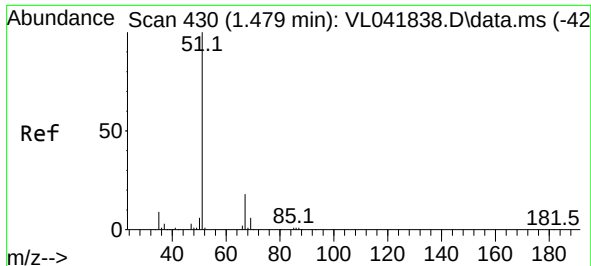
Tgt Ion: 49 Resp: 85990
Ion Ratio Lower Upper
49 100
128 39.5 19.7 59.1
130 50.9 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 10.402 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 85 Resp: 146771
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4

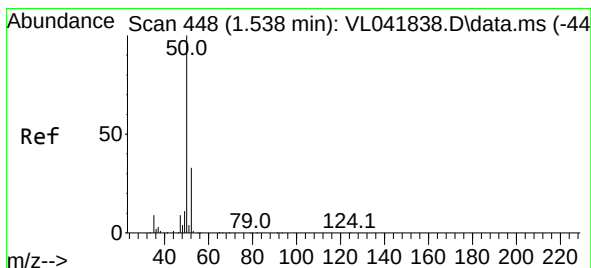
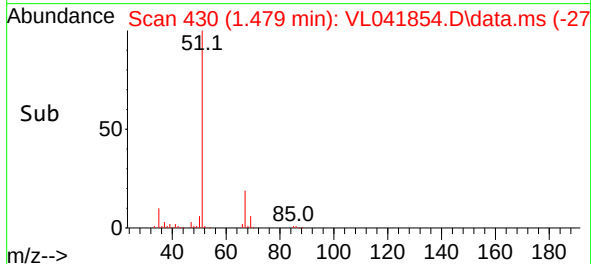
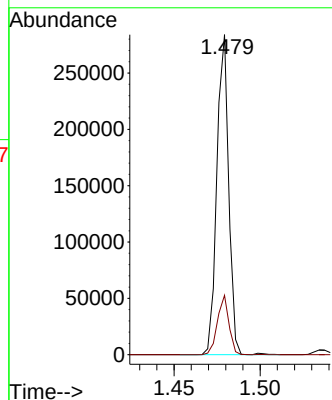
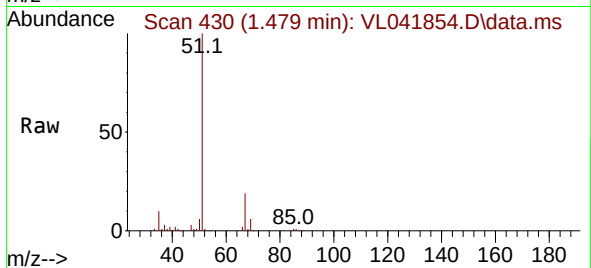




#3
Chlorodifluoromethane
Concen: 10.082 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

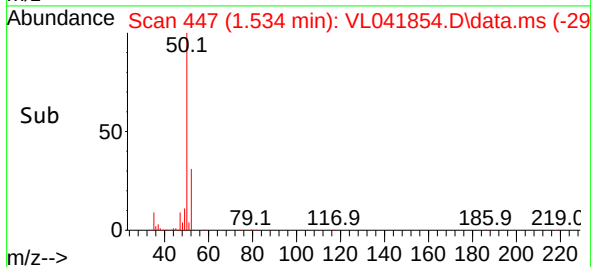
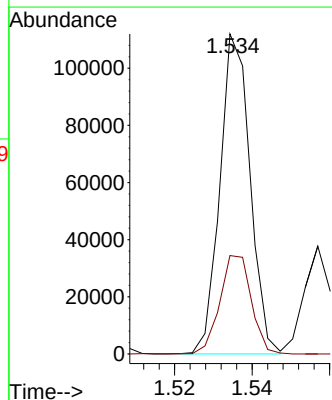
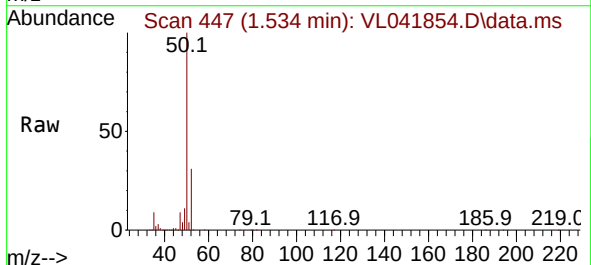
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MSVOA_L
ClientSampleId :

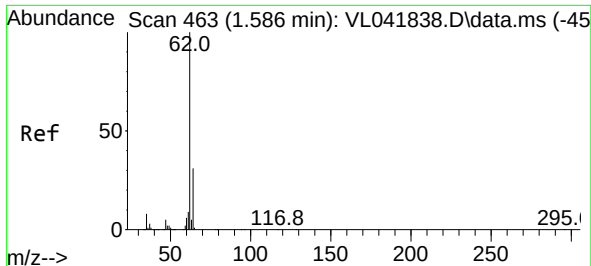
Tgt Ion: 51 Resp: 135919
Ion Ratio Lower Upper
51 100
67 18.0 14.6 22.0



#4
Chloromethane
Concen: 10.404 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 50 Resp: 60366
Ion Ratio Lower Upper
50 100
52 30.7 26.1 39.1

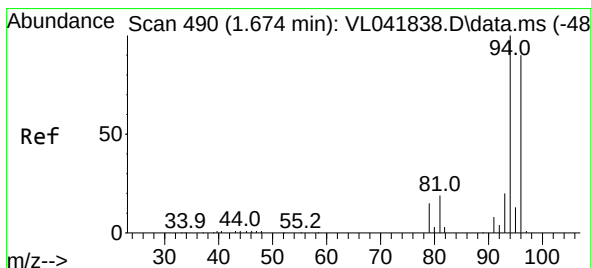
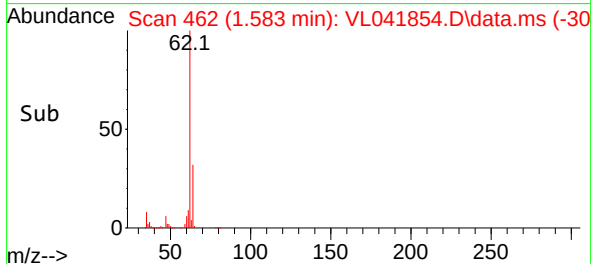
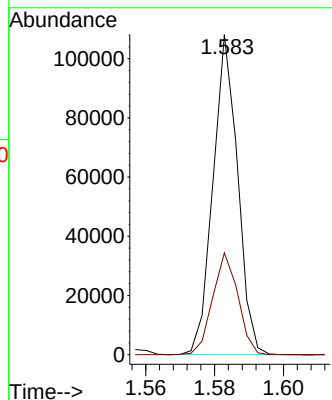
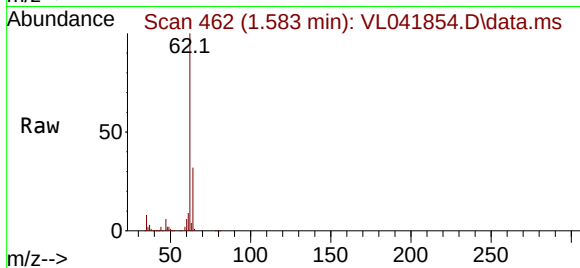




#5
 Vinyl Chloride
 Concen: 9.158 ppbv
 RT: 1.583 min Scan# 4
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

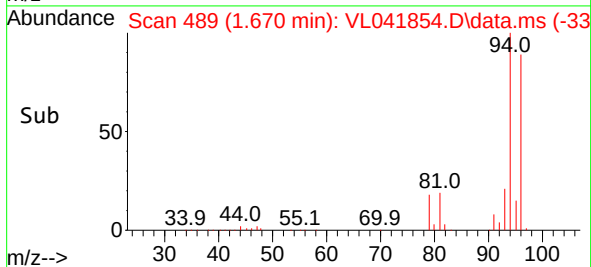
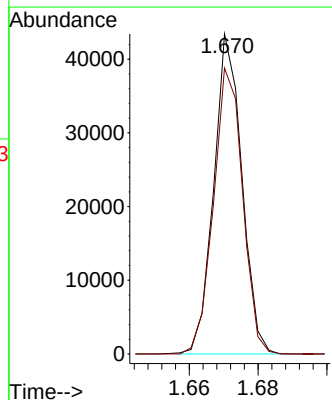
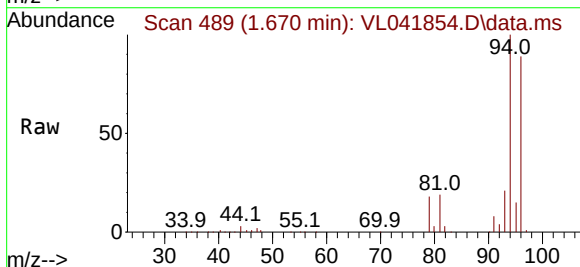
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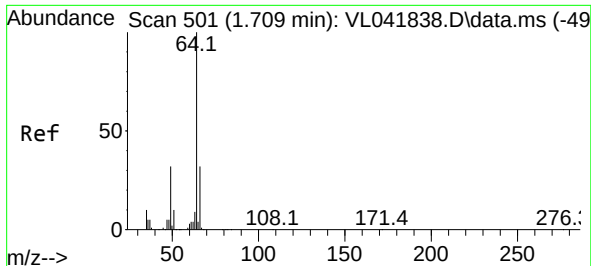
Tgt Ion: 62 Resp: 53590
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3



#6
 Bromomethane
 Concen: 9.806 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

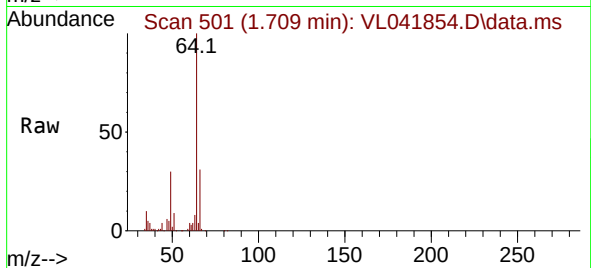
Tgt Ion: 94 Resp: 24581
 Ion Ratio Lower Upper
 94 100
 96 89.3 72.0 108.0



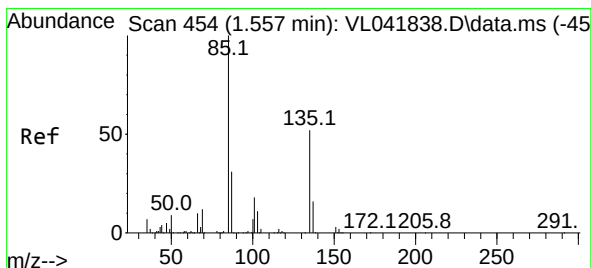
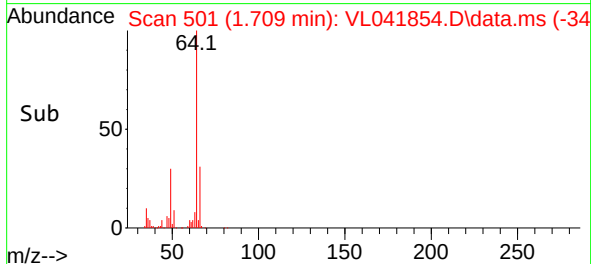
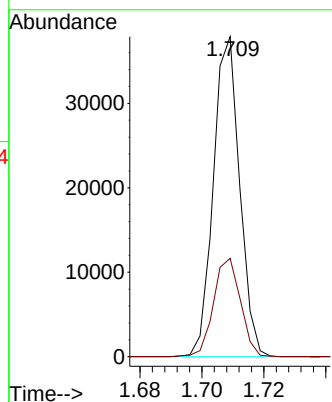


#7
Chloroethane
Concen: 9.903 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :

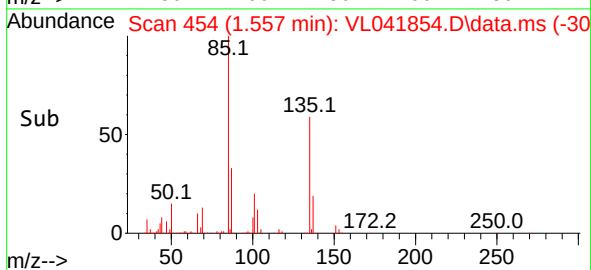
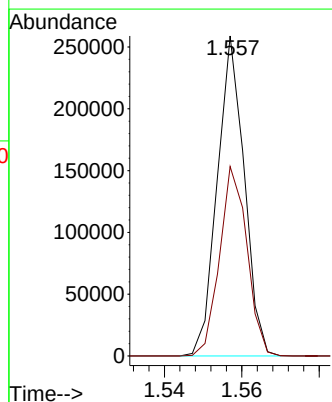
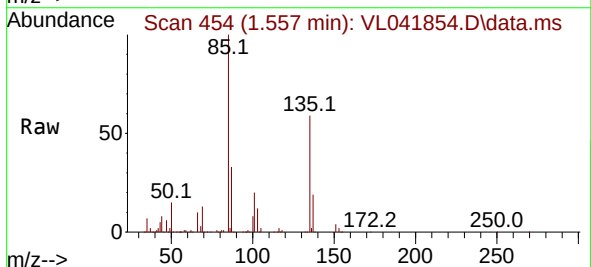


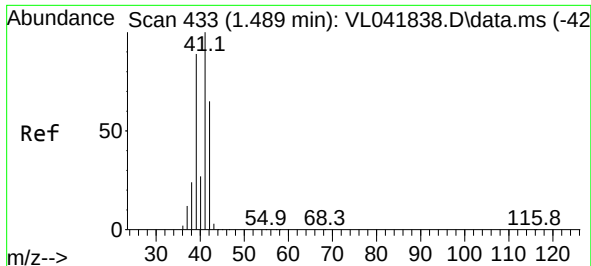
Tgt Ion: 64 Resp: 22309
Ion Ratio Lower Upper
64 100
66 30.8 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 10.296 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 85 Resp: 125331
Ion Ratio Lower Upper
85 100
135 60.1 47.9 71.9





#9

Propene

Concen: 9.728 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

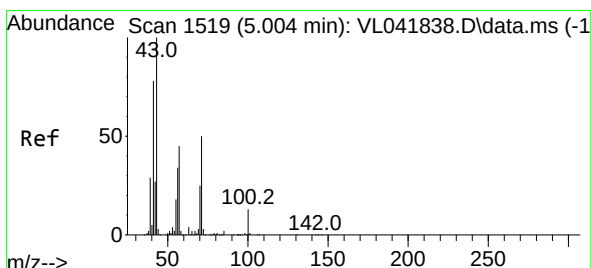
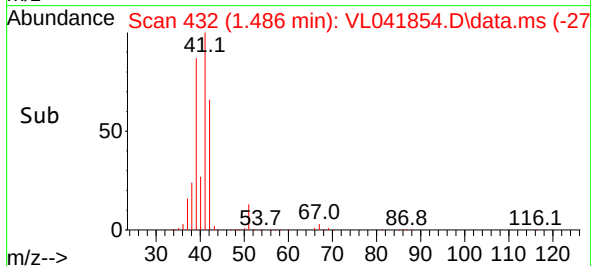
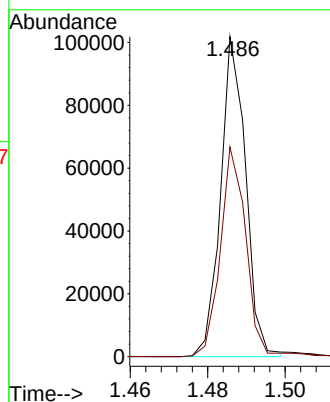
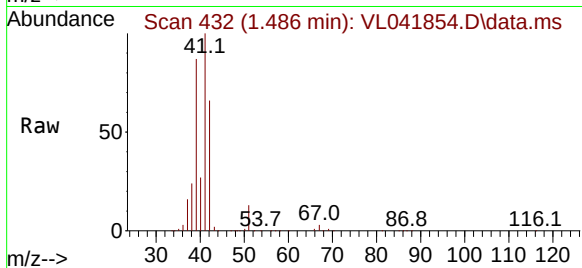
ClientSampleId :

Tgt Ion: 41 Resp: 45656

Ion Ratio Lower Upper

41 100

42 68.3 53.9 80.9



#10

Heptane

Concen: 12.489 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. -0.010 min

Lab File: VL041854.D

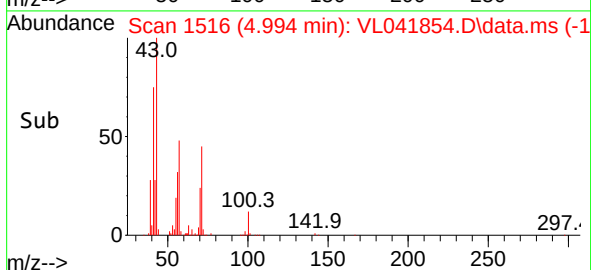
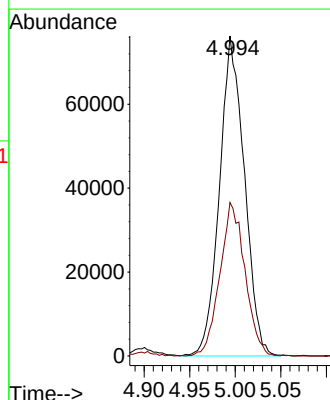
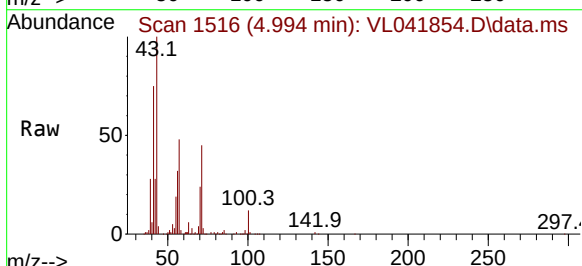
Acq: 07 Jan 2025 20:36

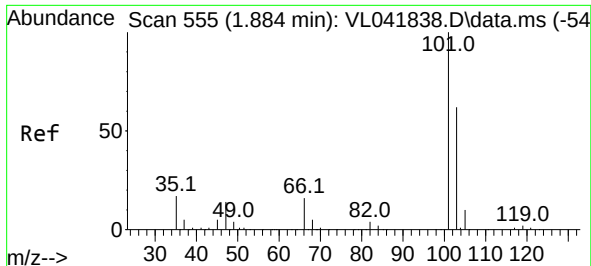
Tgt Ion: 43 Resp: 144790

Ion Ratio Lower Upper

43 100

57 48.5 37.8 56.6

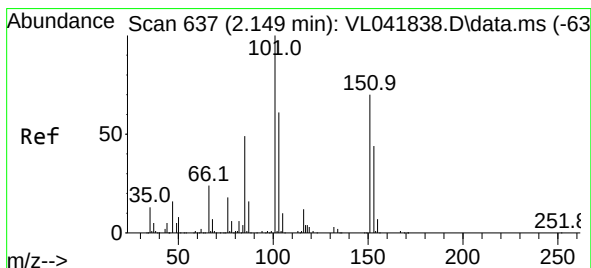
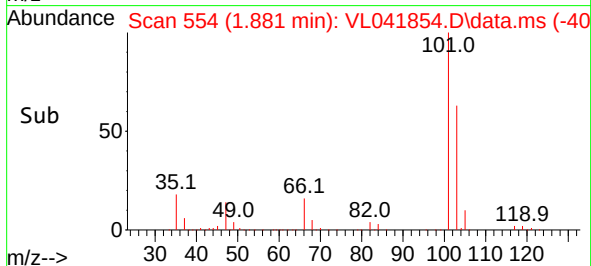
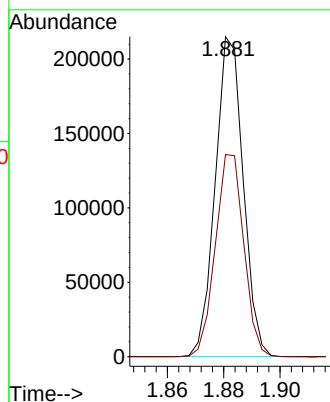
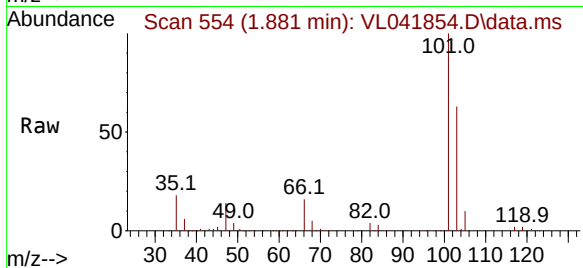




#11
 Trichlorofluoromethane
 Concen: 10.335 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

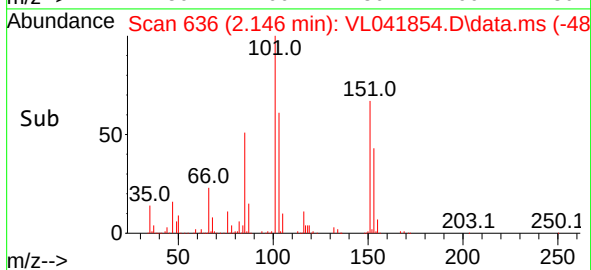
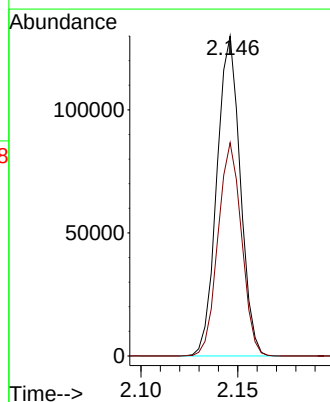
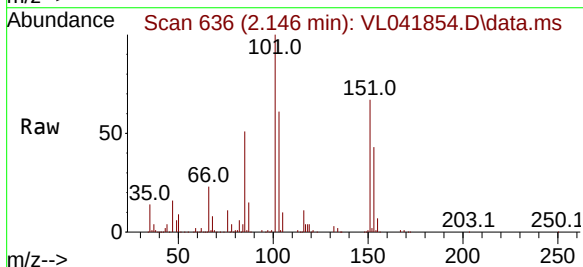
Instrument :
 MSVOA_L
 ClientSampleId :

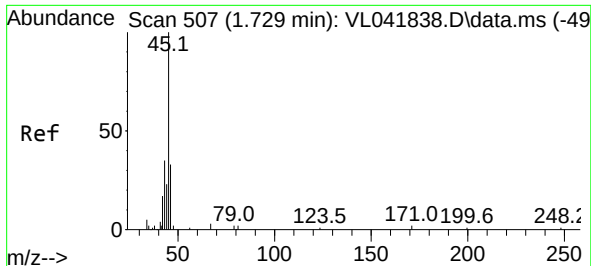
Tgt Ion:101 Resp: 148270
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.219 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion:101 Resp: 109192
 Ion Ratio Lower Upper
 101 100
 151 66.9 53.2 79.8

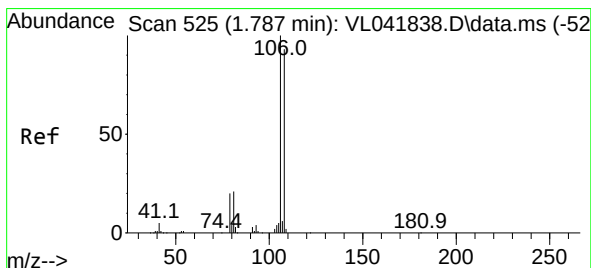
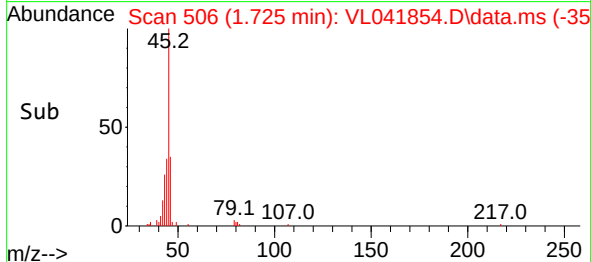
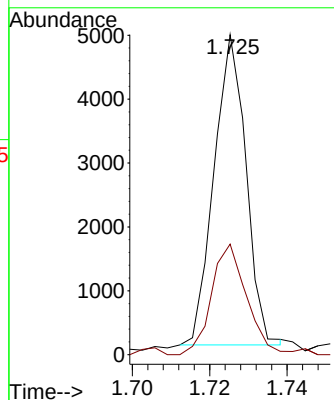
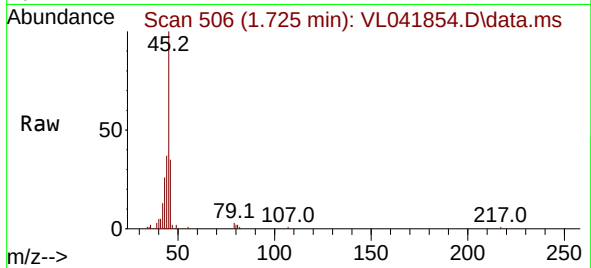




#13
Ethanol
Concen: 4.507 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

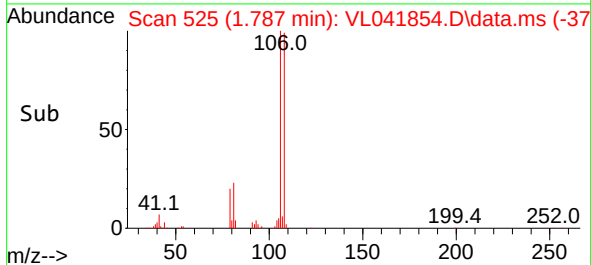
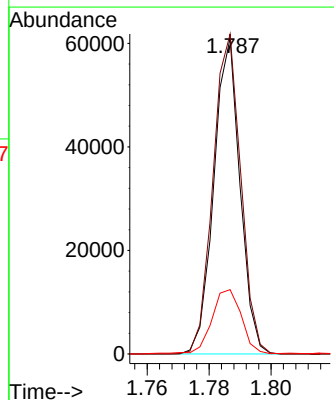
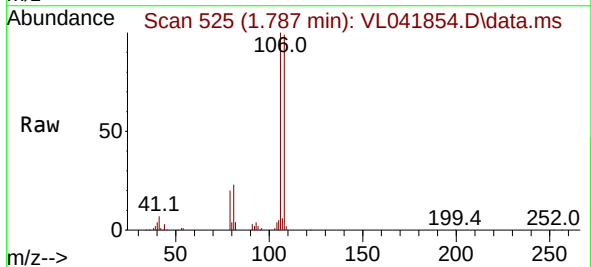
Instrument :
MSVOA_L
ClientSampleId :

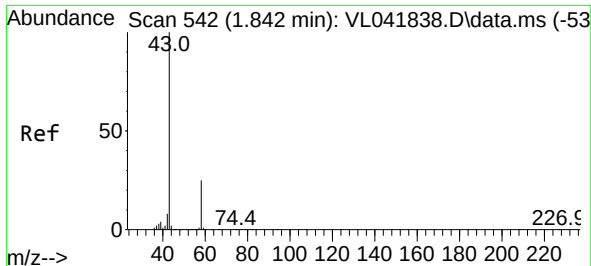
Tgt Ion: 45 Resp: 2779
Ion Ratio Lower Upper
45 100
46 41.3 14.6 58.2



#14
Bromoethene
Concen: 10.216 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:108 Resp: 35736
Ion Ratio Lower Upper
108 100
106 107.2 84.6 126.8
79 24.1 18.3 27.5

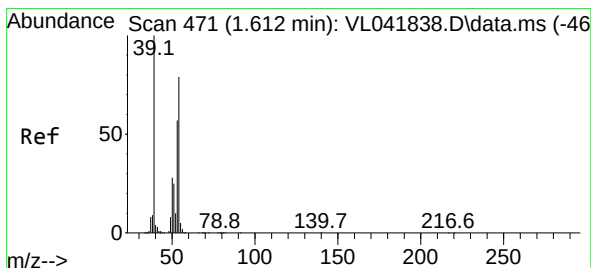
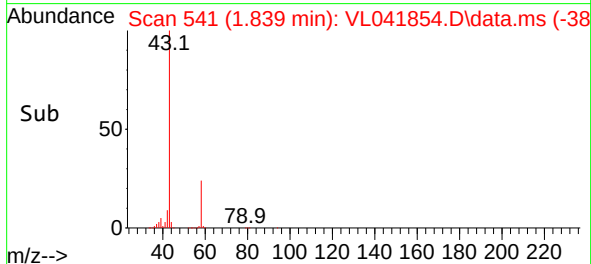
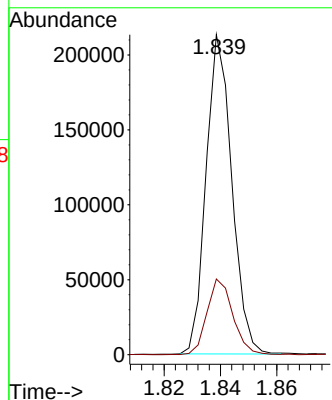
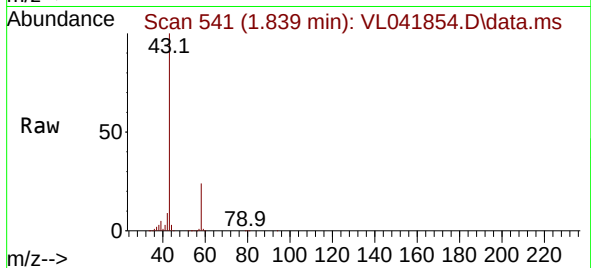




#15
Acetone
Concen: 8.542 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

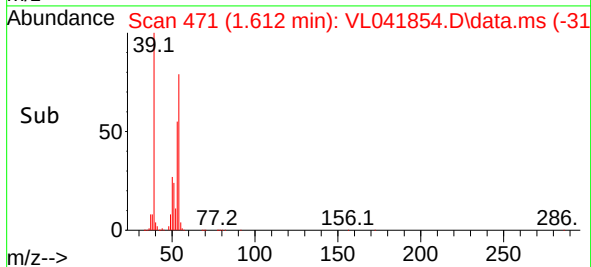
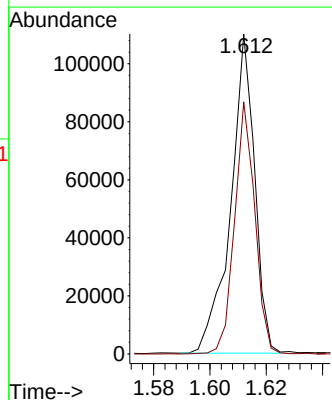
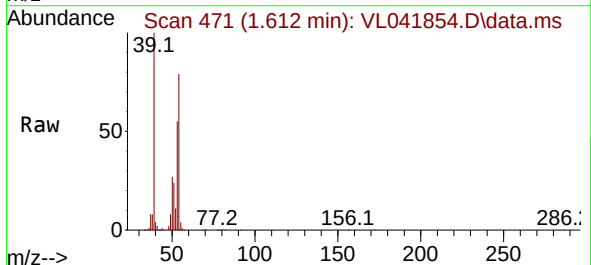
Instrument :
MSVOA_L
ClientSampleId :

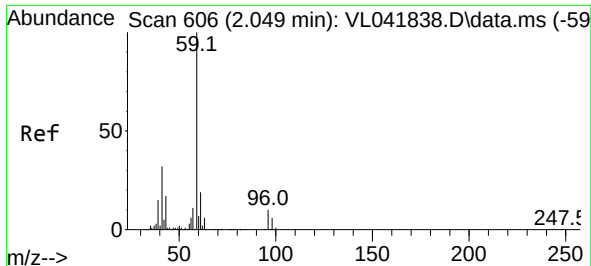
Tgt Ion: 43 Resp: 135237
Ion Ratio Lower Upper
43 100
58 24.0 20.2 30.4



#16
1,3-Butadiene
Concen: 10.474 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 39 Resp: 65023
Ion Ratio Lower Upper
39 100
54 67.0 56.2 84.4





#17

tert-Butyl alcohol

Concen: 10.086 ppbv

RT: 2.046 min Scan# 606

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

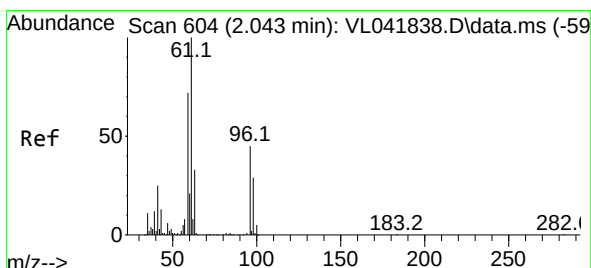
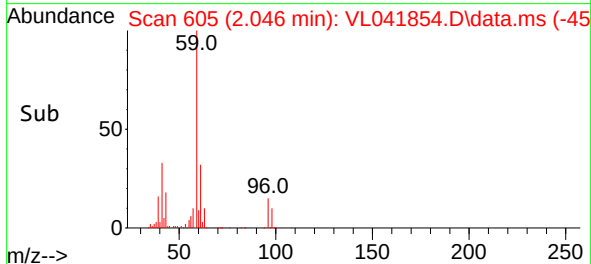
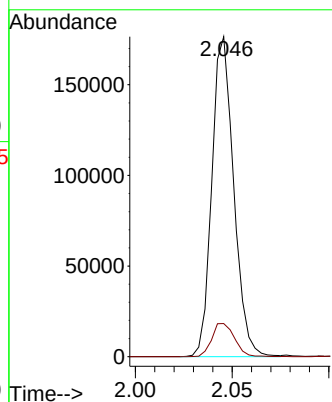
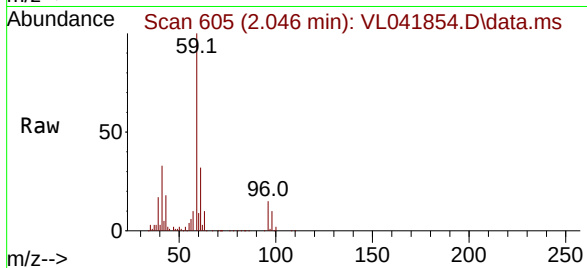
ClientSampleId :

Tgt Ion: 59 Resp: 138354

Ion Ratio Lower Upper

59 100

57 10.8 8.6 13.0



#18

1,1-Dichloroethene

Concen: 9.812 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

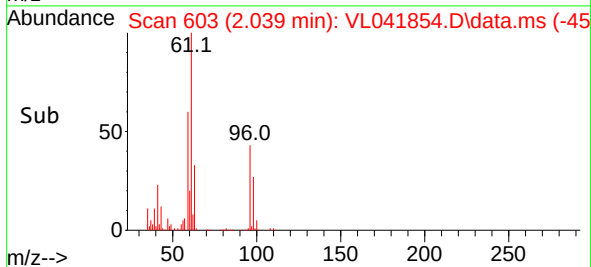
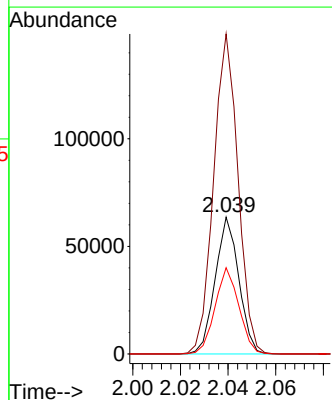
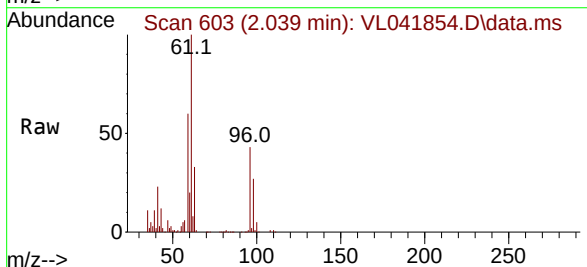
Tgt Ion: 96 Resp: 43896

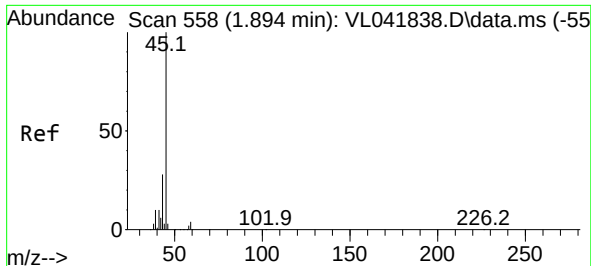
Ion Ratio Lower Upper

96 100

61 233.8 179.2 268.8

98 63.0 51.6 77.4





#19

Isopropyl Alcohol

Concen: 8.616 ppbv

RT: 1.890 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

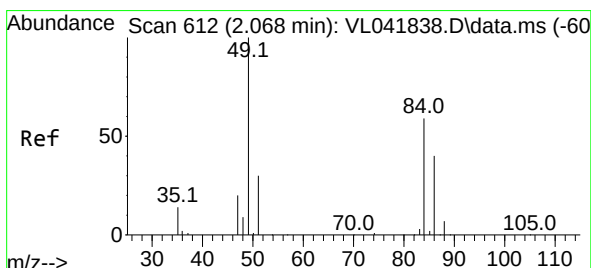
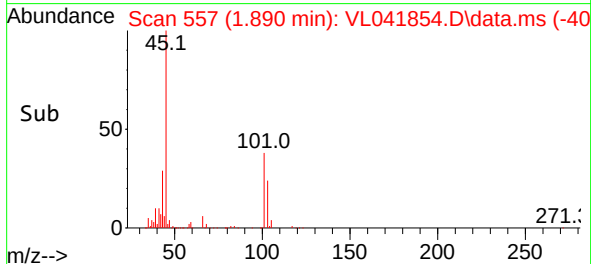
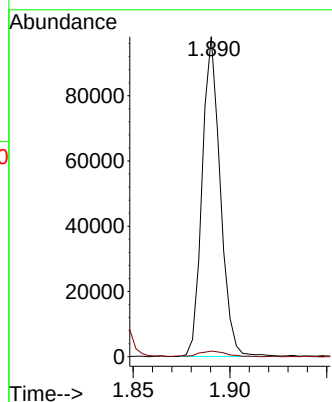
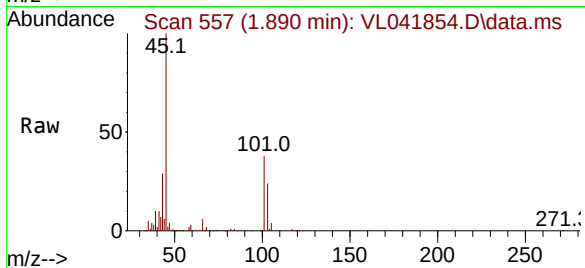
ClientSampleId :

Tgt Ion: 45 Resp: 64033

Ion Ratio Lower Upper

45 100

58 2.8 2.1 3.1



#20

Methylene Chloride

Concen: 8.927 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion: 84 Resp: 40402

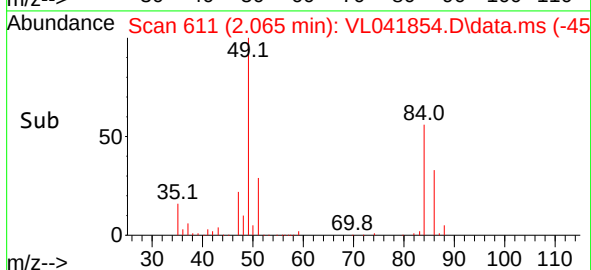
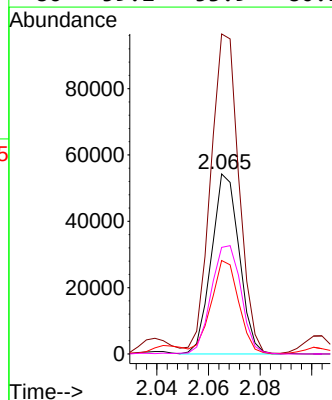
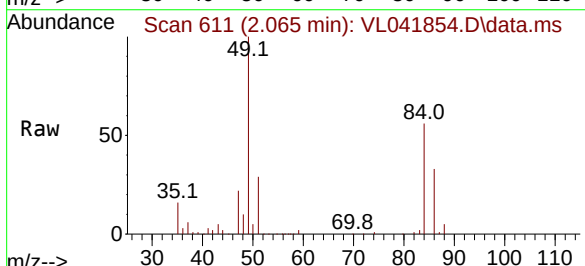
Ion Ratio Lower Upper

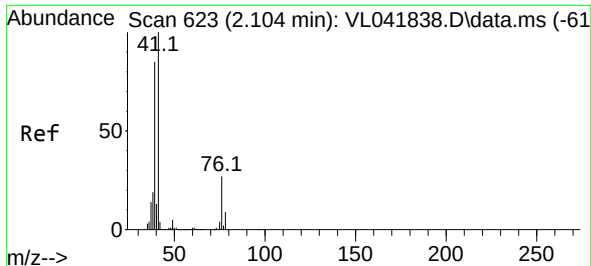
84 100

49 177.4 137.8 206.8

51 51.7 43.9 65.9

86 59.2 53.9 80.9

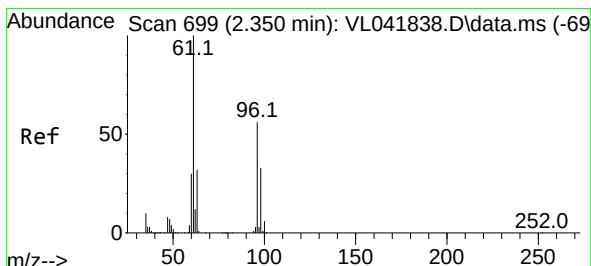
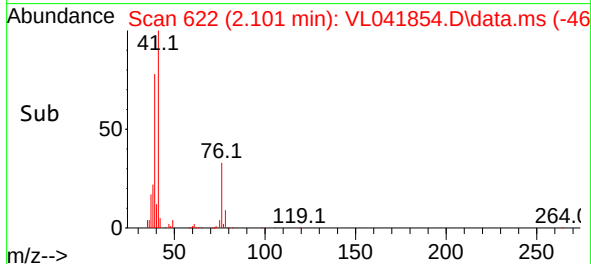
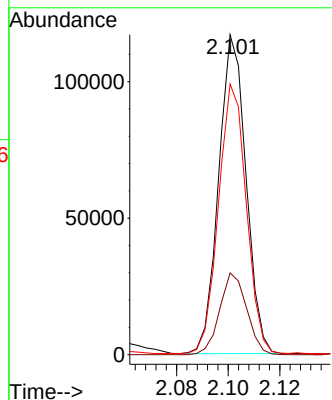
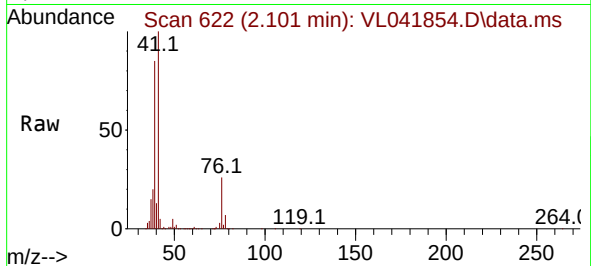




#21
 Allyl Chloride
 Concen: 10.530 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

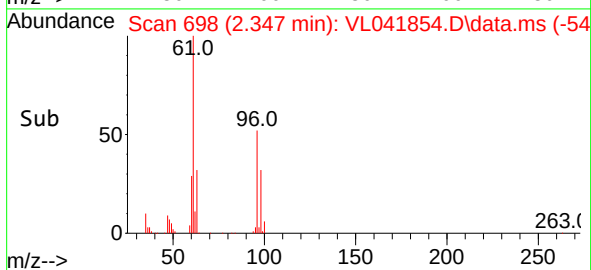
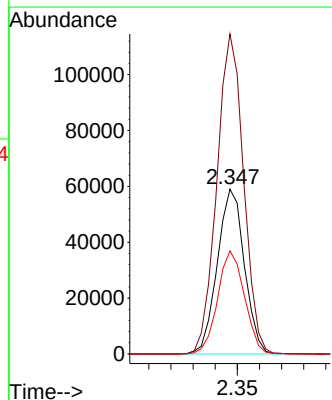
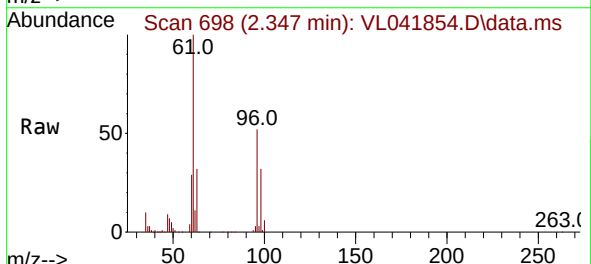
Instrument :
 MSVOA_L
 ClientSampleId :

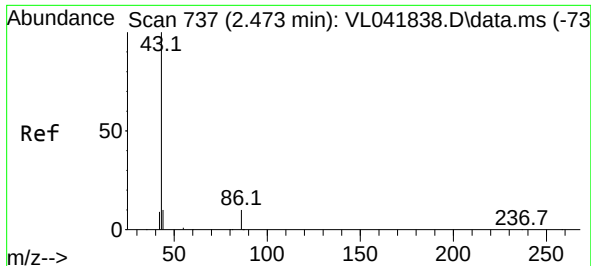
Tgt Ion: 41 Resp: 85878
 Ion Ratio Lower Upper
 41 100
 76 25.3 20.6 31.0
 39 86.3 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.025 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

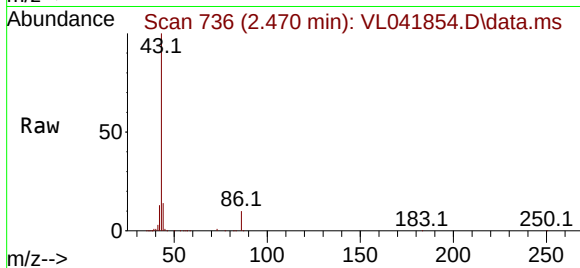
Tgt Ion: 96 Resp: 50124
 Ion Ratio Lower Upper
 96 100
 61 194.1 144.0 216.0
 98 62.5 46.9 70.3



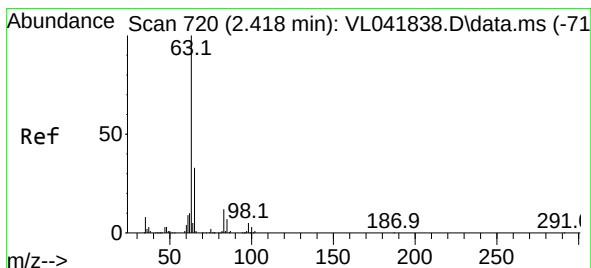
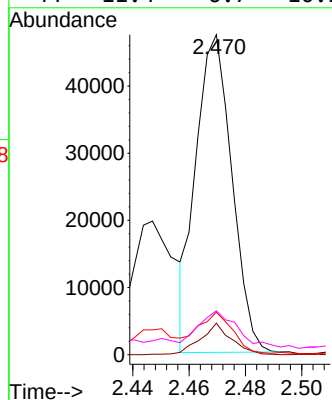
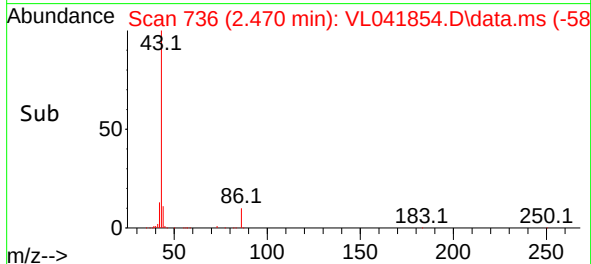


#23
 Vinyl Acetate
 Concen: 8.496 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

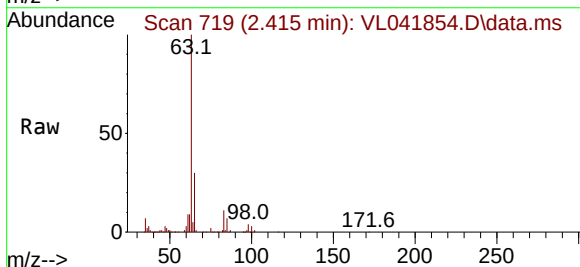
Instrument :
 MSVOA_L
 ClientSampleId :



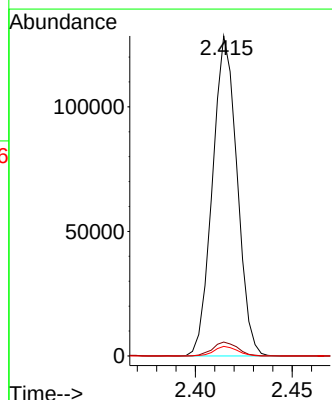
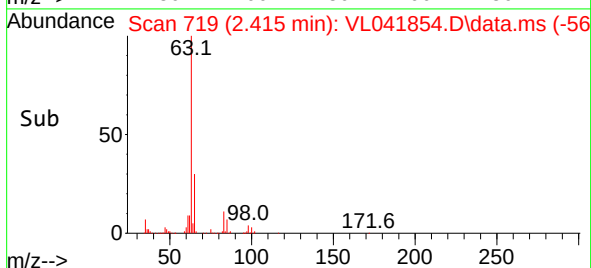
Tgt Ion:	43	Resp:	41833
Ion	Ratio	Lower	Upper
43	100		
86	9.9	6.4	9.6#
42	12.7	9.5	14.3
44	11.4	6.7	10.1#

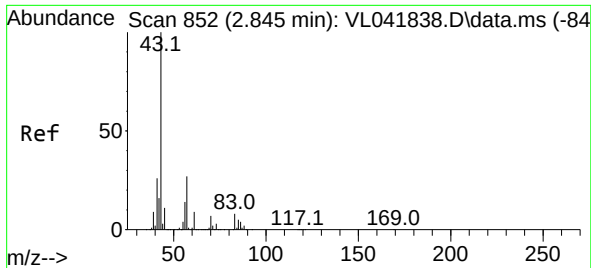


#24
 1,1-Dichloroethane
 Concen: 10.369 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36



Tgt Ion:	63	Resp:	113470
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.9
100	3.0	1.4	4.0



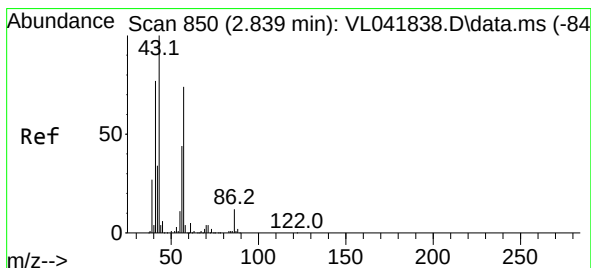
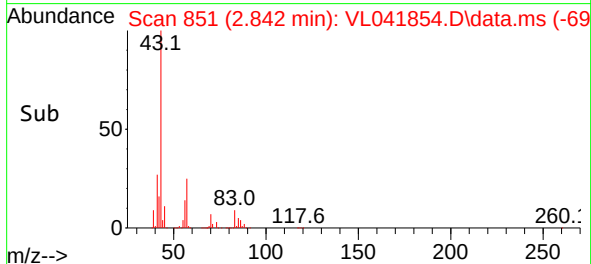
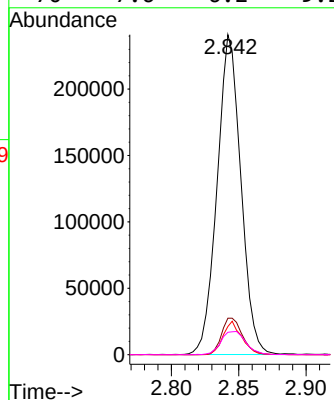
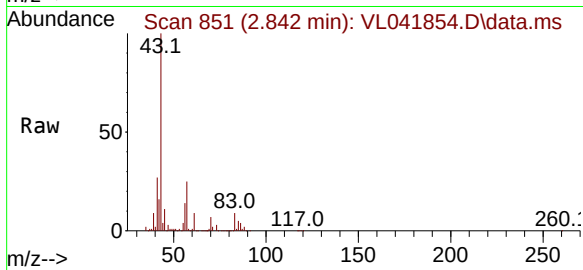


#25
Ethyl Acetate
Concen: 11.120 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 295219

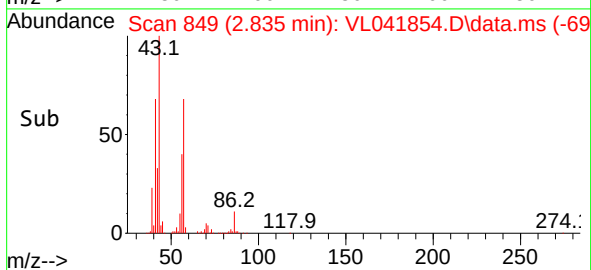
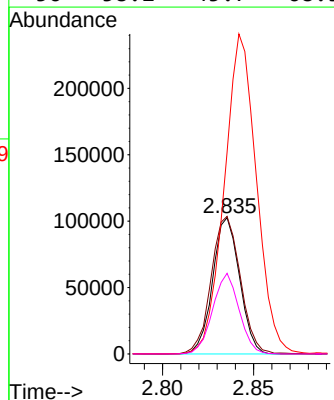
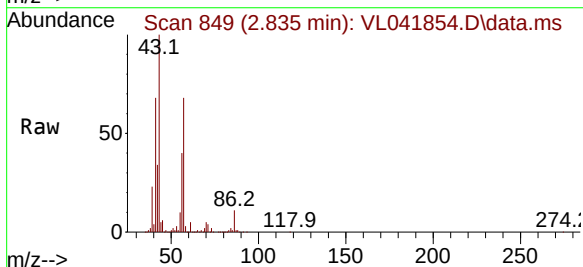
Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.8	11.8
61	8.3	7.0	10.6
70	7.6	6.2	9.2

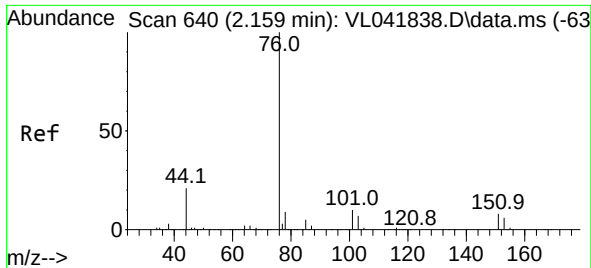


#26
Hexane
Concen: 11.408 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 57 Resp: 105115

Ion	Ratio	Lower	Upper
57	100		
41	110.2	84.0	126.0
43	282.6	218.4	327.6
56	58.2	45.7	68.5

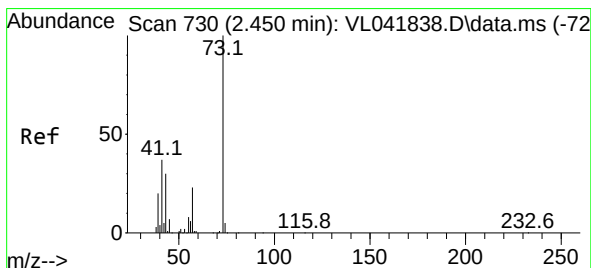
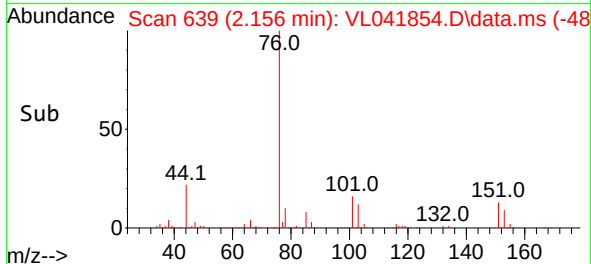
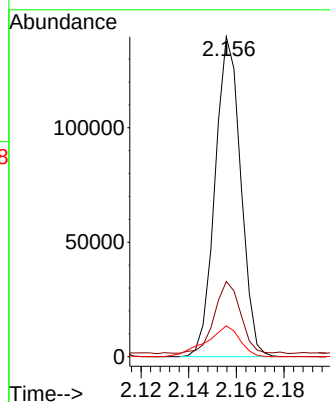
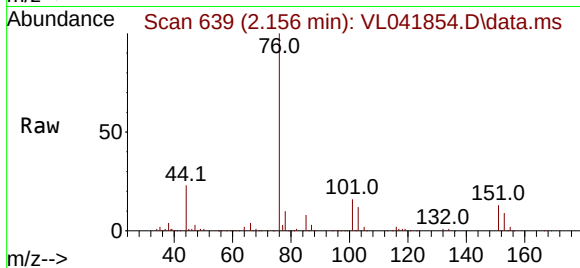




#27
Carbon Disulfide
Concen: 11.977 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

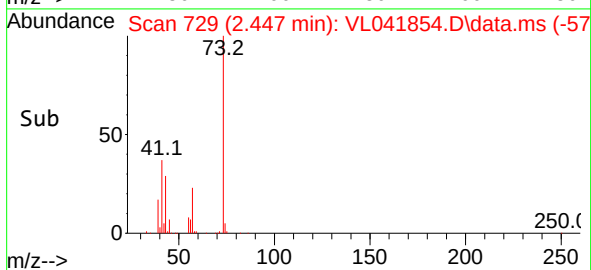
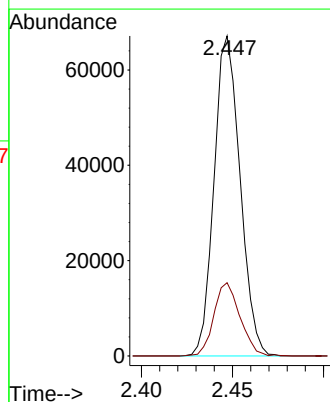
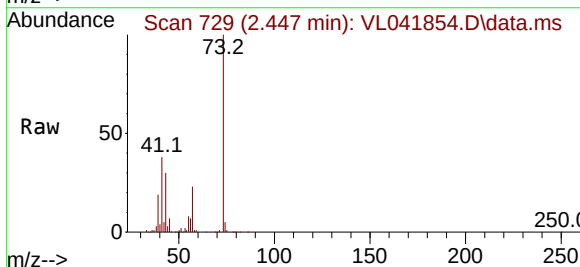
Instrument :
MSVOA_L
ClientSampleId :

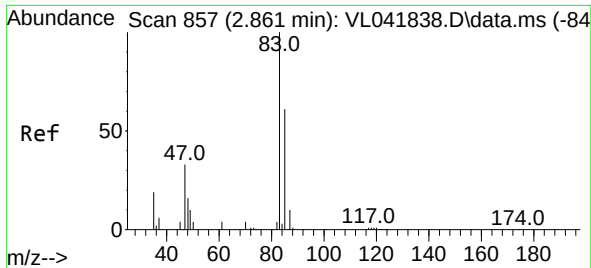
Tgt Ion: 76 Resp: 104740
Ion Ratio Lower Upper
76 100
44 24.8 19.8 29.8
78 12.5 9.8 14.8



#28
Methyl tert-Butyl Ether
Concen: 9.603 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 73 Resp: 66688
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





#29

Chloroform

Concen: 10.114 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

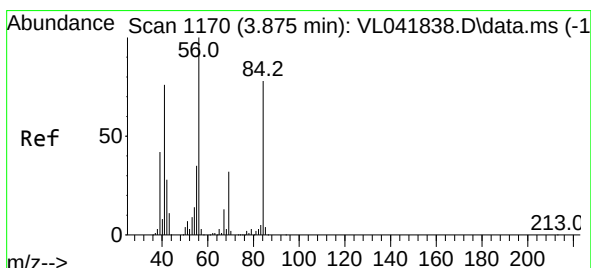
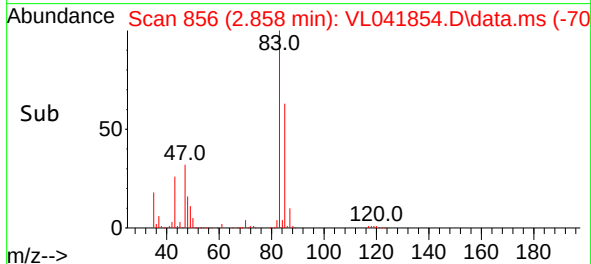
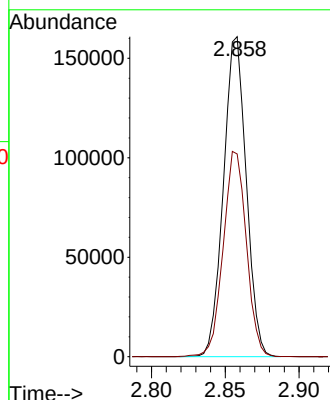
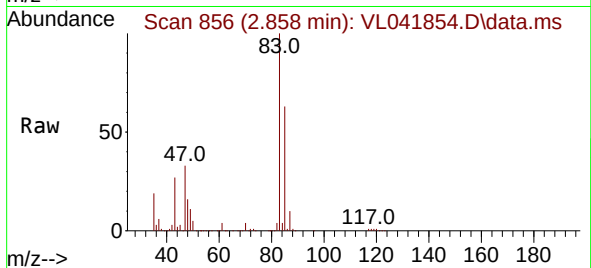
ClientSampleId :

Tgt Ion: 83 Resp: 173121

Ion Ratio Lower Upper

83 100

85 63.3 49.6 74.4



#30

Cyclohexane

Concen: 11.914 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

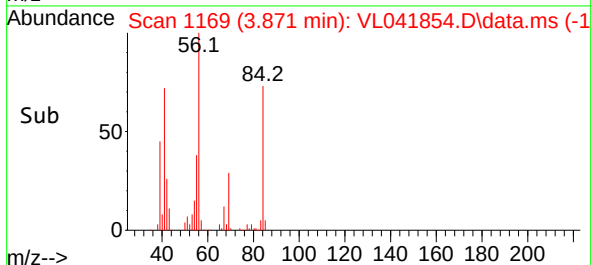
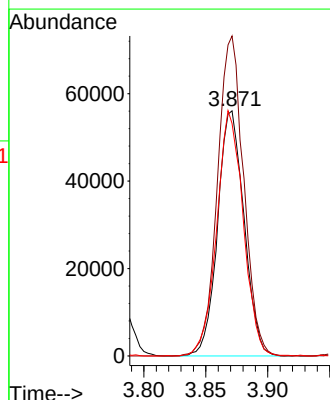
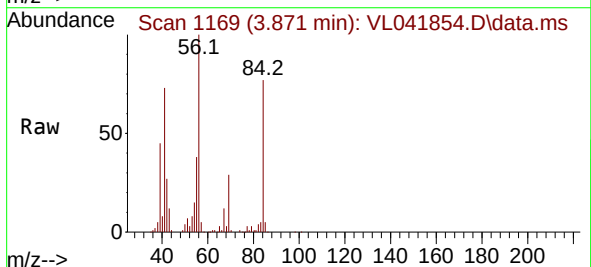
Tgt Ion: 84 Resp: 83245

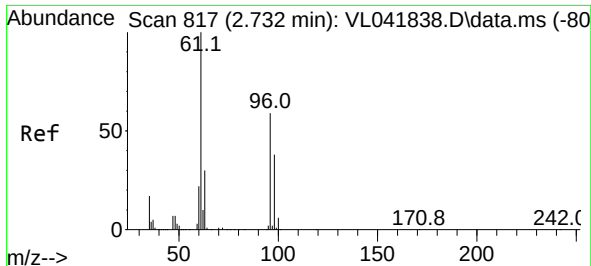
Ion Ratio Lower Upper

84 100

56 129.9 105.0 157.6

41 100.6 78.9 118.3

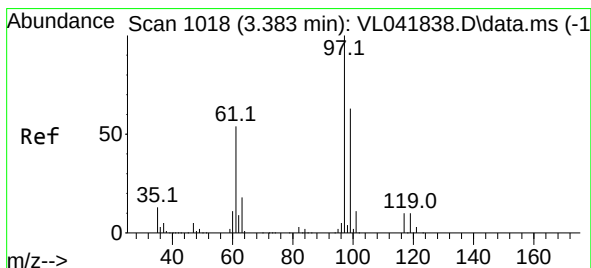
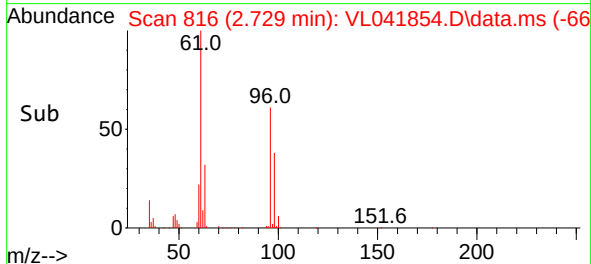
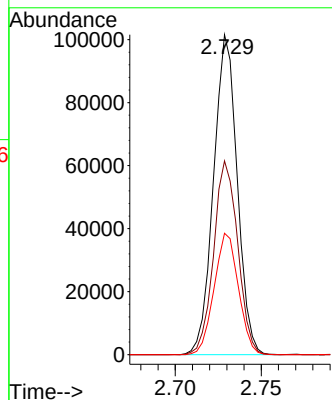
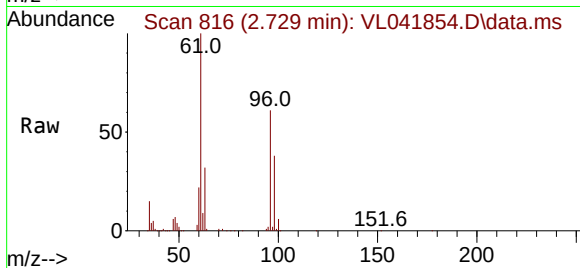




#31
 cis-1,2-Dichloroethene
 Concen: 10.250 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

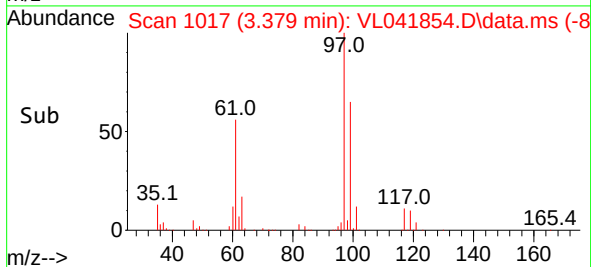
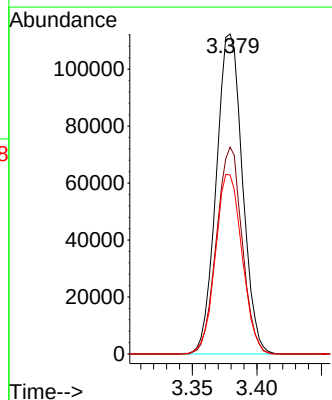
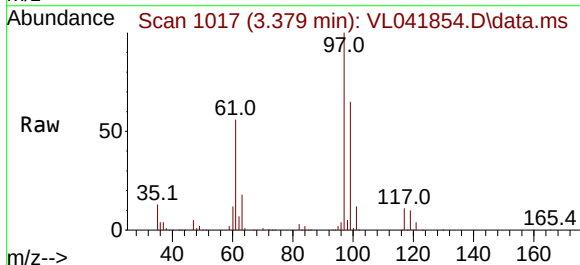
Instrument :
 MSVOA_L
 ClientSampleId :

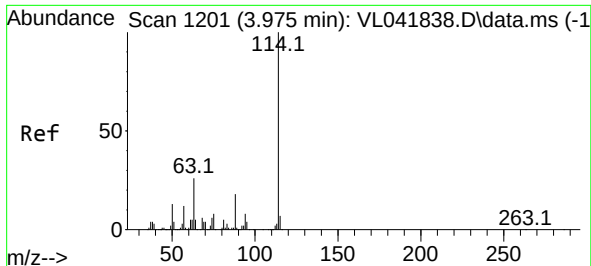
Tgt Ion: 61 Resp: 97209
 Ion Ratio Lower Upper
 61 100
 96 60.6 47.6 71.4
 98 38.0 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 10.214 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion: 97 Resp: 158450
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.6 76.0
 61 57.2 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

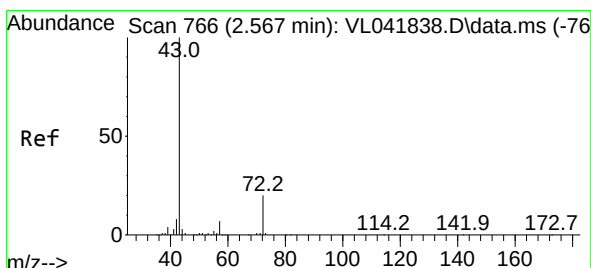
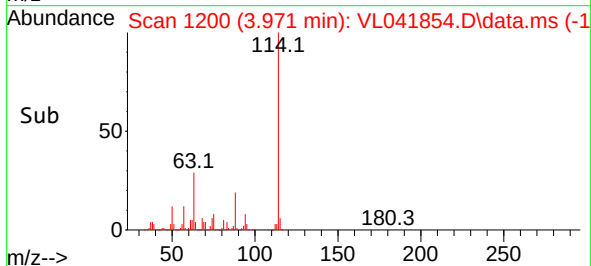
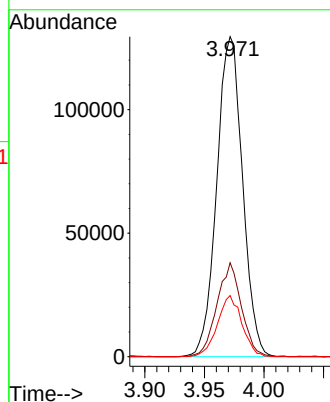
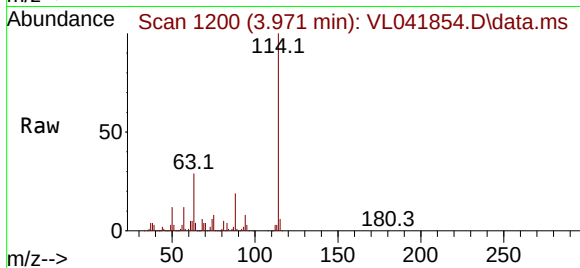
Tgt Ion:114 Resp: 194920

Ion Ratio Lower Upper

114 100

63 27.9 22.3 33.5

88 18.1 14.9 22.3



#34

2-Butanone

Concen: 10.601 ppbv

RT: 2.564 min Scan# 765

Delta R.T. -0.003 min

Lab File: VL041854.D

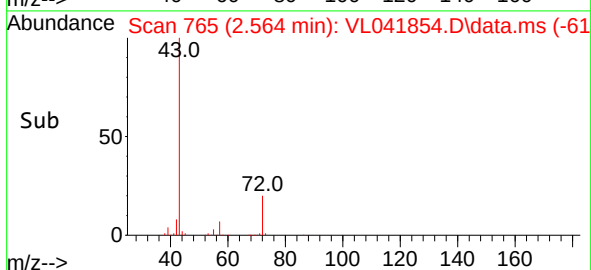
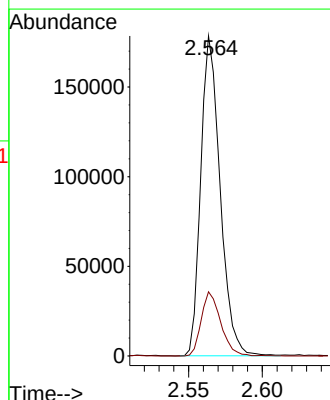
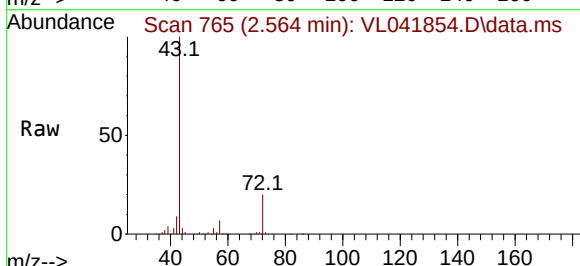
Acq: 07 Jan 2025 20:36

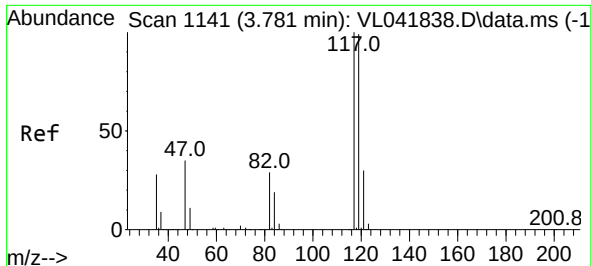
Tgt Ion: 43 Resp: 162772

Ion Ratio Lower Upper

43 100

72 20.2 16.6 25.0

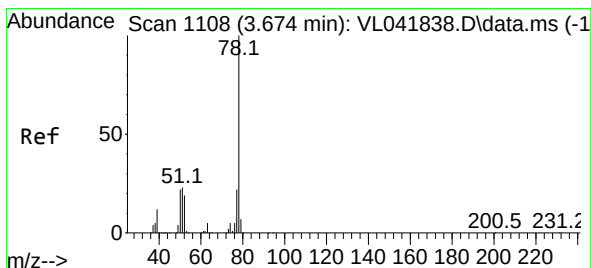
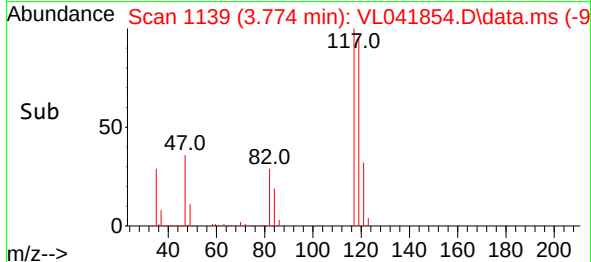
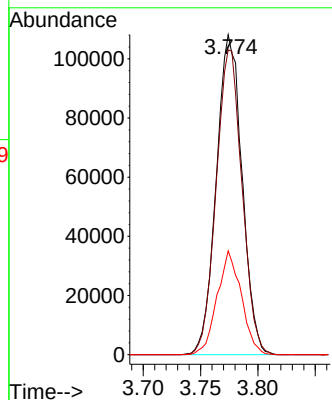
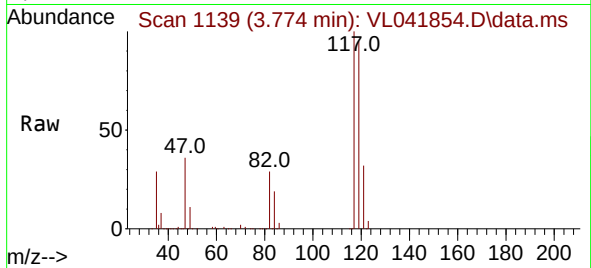




#35
Carbon Tetrachloride
Concen: 11.463 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

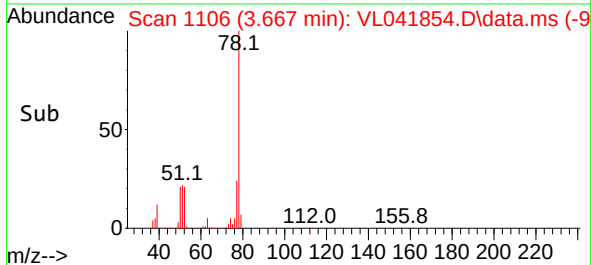
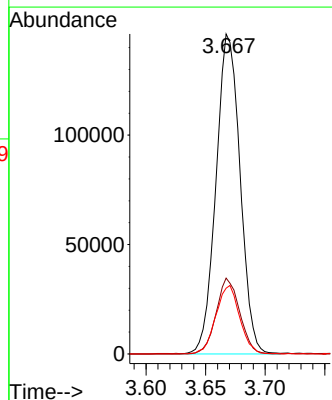
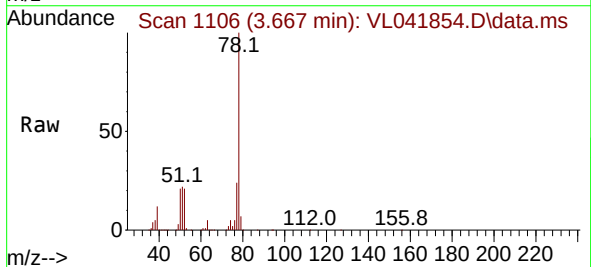
Instrument :
MSVOA_L
ClientSampleId :

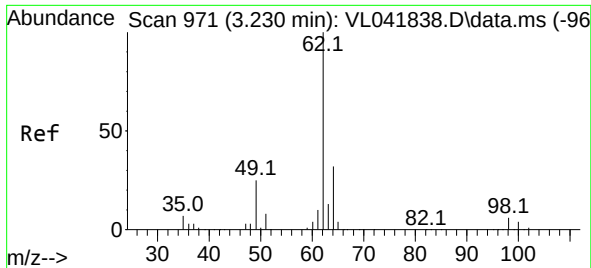
Tgt Ion:117 Resp: 168870
Ion Ratio Lower Upper
117 100
119 95.3 79.1 118.7
121 32.5 24.2 36.2



#36
Benzene
Concen: 11.041 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 78 Resp: 205594
Ion Ratio Lower Upper
78 100
77 23.6 17.4 26.0
50 20.6 17.3 25.9

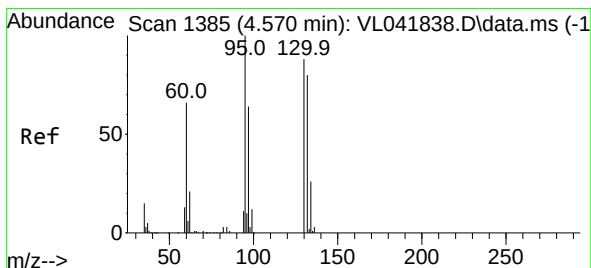
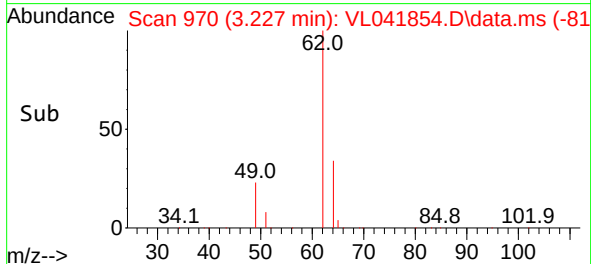
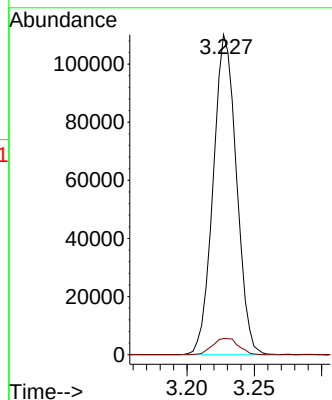
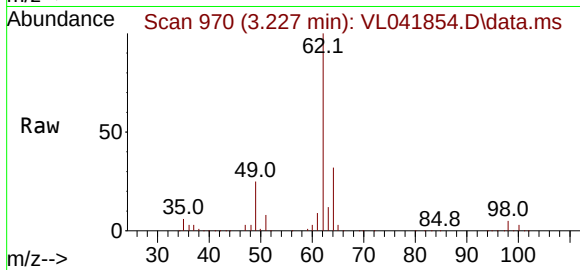




#37
1,2-Dichloroethane
Concen: 10.830 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

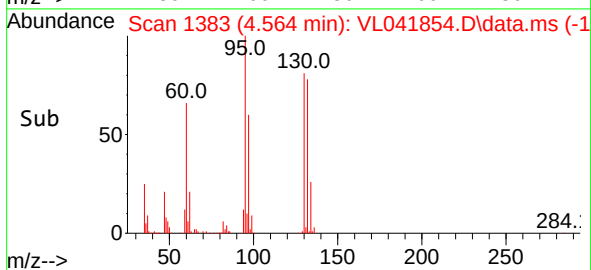
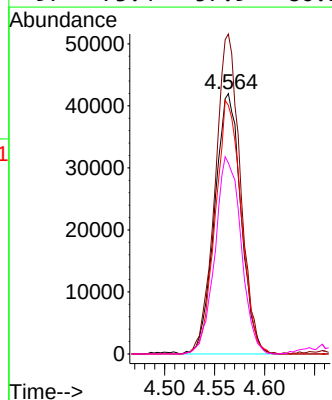
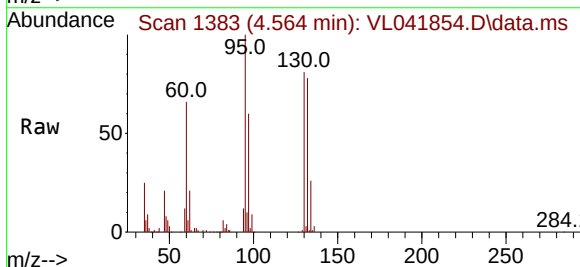
Instrument :
MSVOA_L
ClientSampleId :

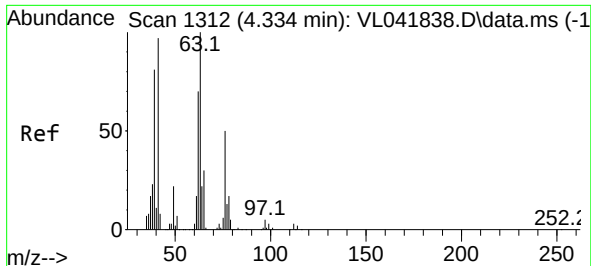
Tgt Ion: 62 Resp: 132576
Ion Ratio Lower Upper
62 100
98 5.7 4.8 7.2



#38
Trichloroethene
Concen: 10.741 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 130 Resp: 76911
Ion Ratio Lower Upper
130 100
95 123.0 90.1 135.1
132 95.5 71.8 107.8
97 73.4 57.9 86.9





#39

1,2-Dichloropropane

Concen: 10.687 ppbv

RT: 4.331 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

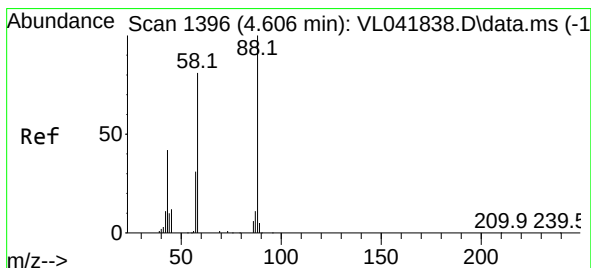
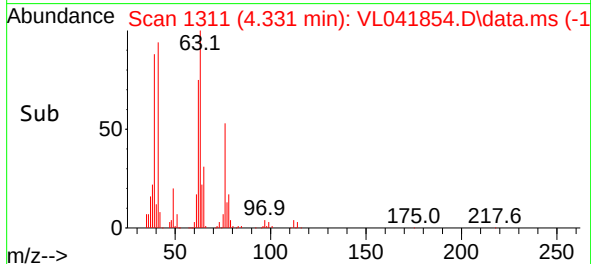
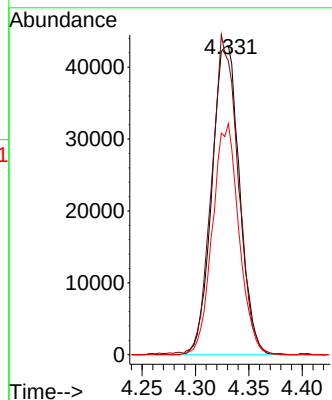
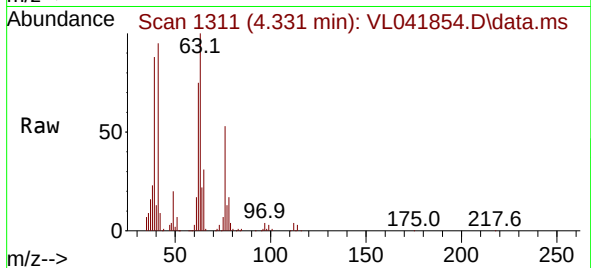
Tgt Ion: 63 Resp: 76980

Ion Ratio Lower Upper

63 100

41 94.7 77.7 116.5

62 74.7 56.2 84.2



#40

1,4-Dioxane

Concen: 11.330 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion: 88 Resp: 31586

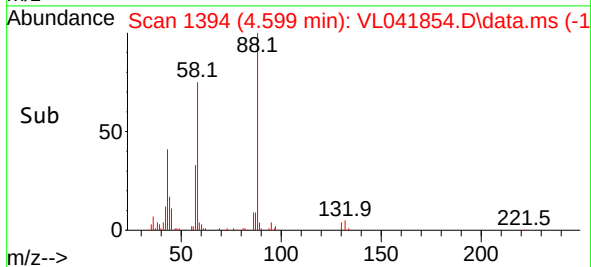
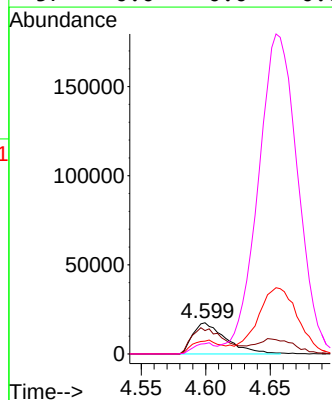
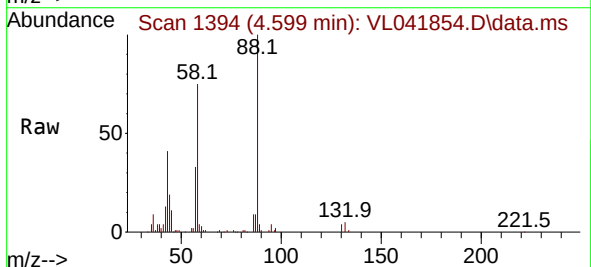
Ion Ratio Lower Upper

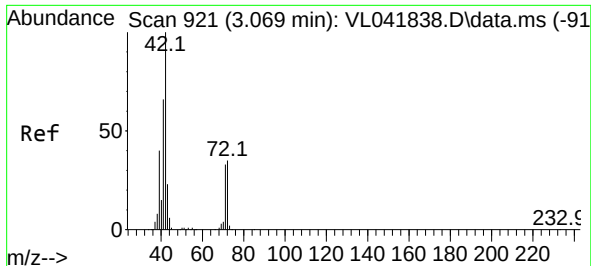
88 100

58 79.5 63.0 94.6

43 0.0 30.0 45.0#

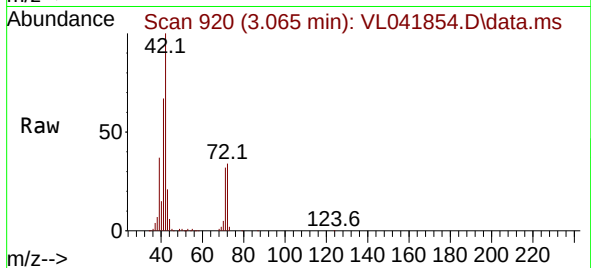
57 0.0 0.0 0.0



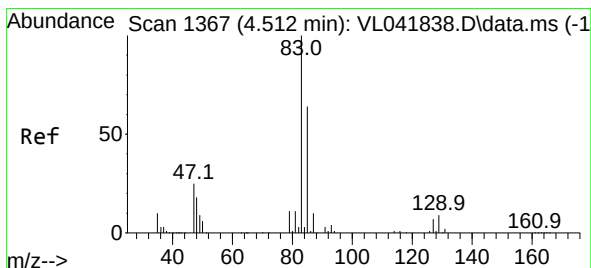
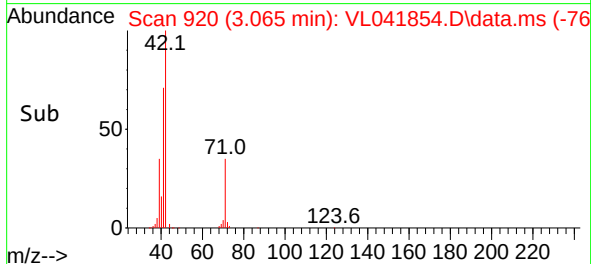
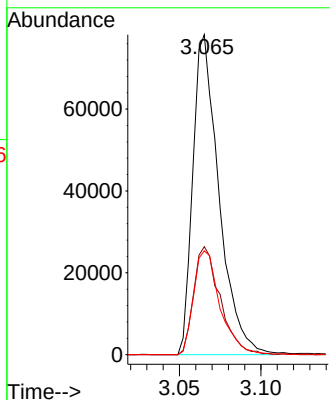


#41
Tetrahydrofuran
Concen: 12.048 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :

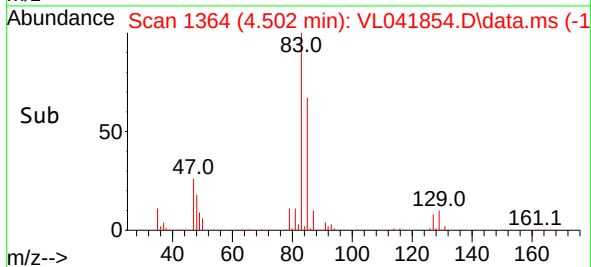
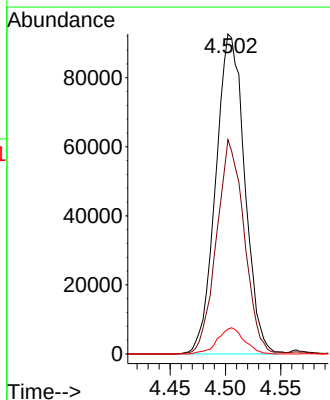
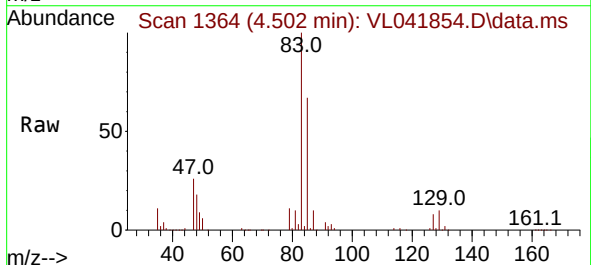


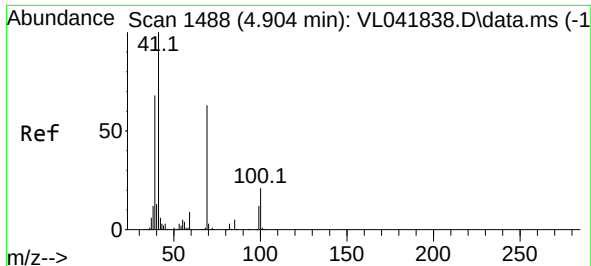
Tgt Ion: 42 Resp: 87142
Ion Ratio Lower Upper
42 100
72 34.3 27.9 41.9
71 33.1 26.5 39.7



#42
Bromodichloromethane
Concen: 11.741 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 83 Resp: 168564
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9
127 7.7 5.6 8.4

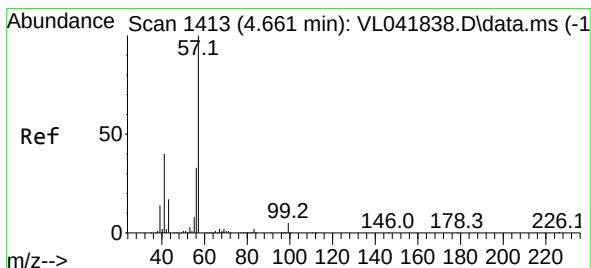
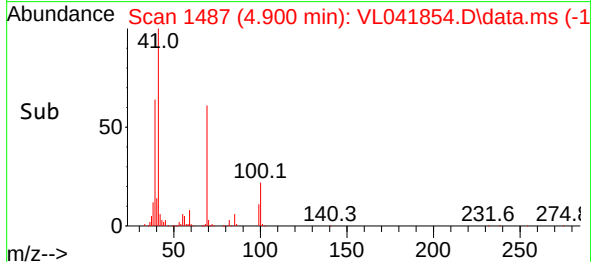
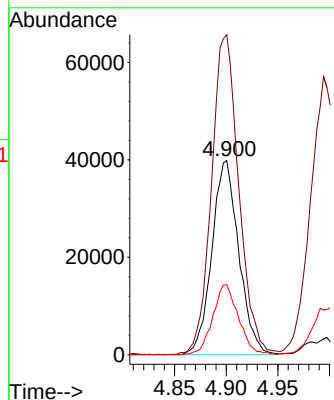
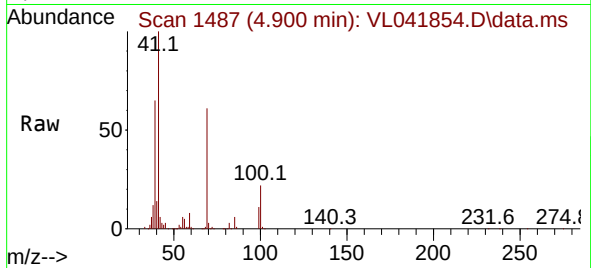




#43
Methyl Methacrylate
Concen: 12.365 ppbv
RT: 4.900 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

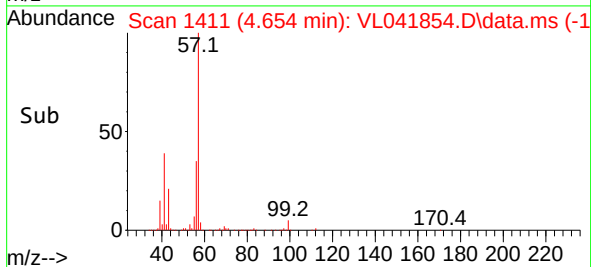
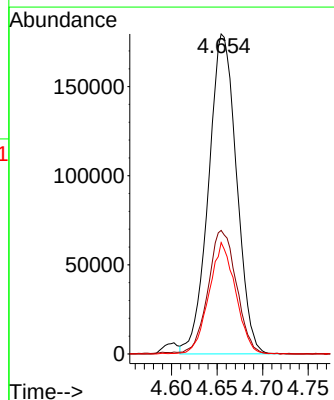
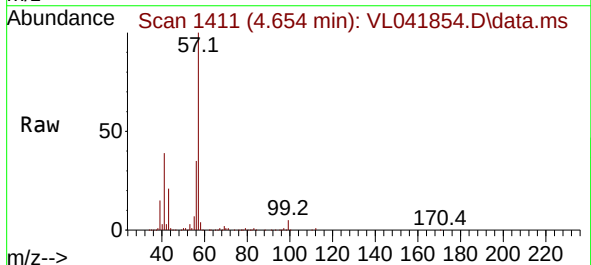
Instrument :
MSVOA_L
ClientSampleId :

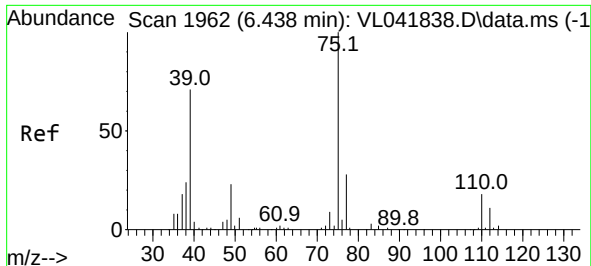
Tgt Ion:	69	Resp:	72301
Ion	Ratio	Lower	Upper
69	100		
41	166.5	132.2	198.2
100	34.4	28.2	42.4



#44
2,2,4-Trimethylpentane
Concen: 12.488 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:	57	Resp:	383142
Ion	Ratio	Lower	Upper
57	100		
41	39.5	31.4	47.2
56	33.3	26.6	39.8

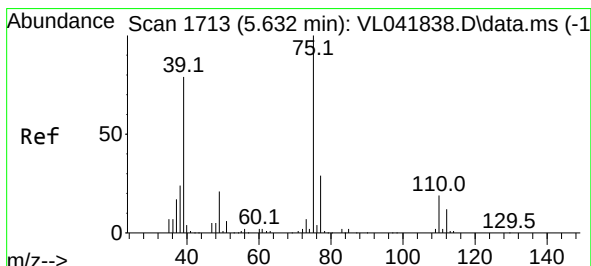
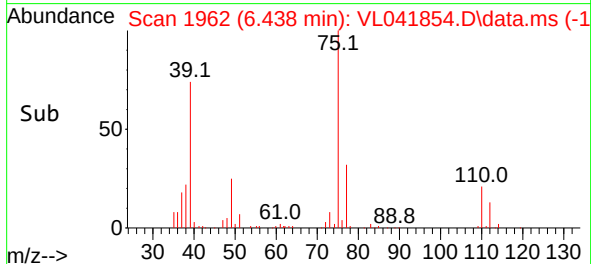
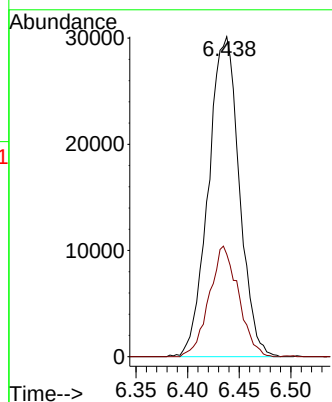
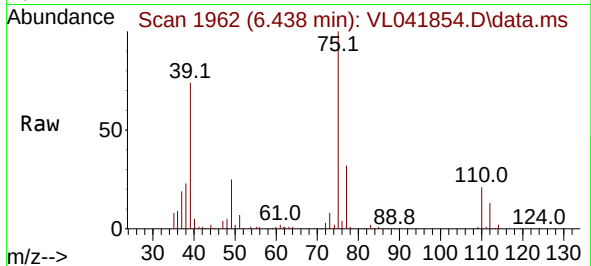




#45
 t-1,3-Dichloropropene
 Concen: 10.988 ppbv
 RT: 6.438 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

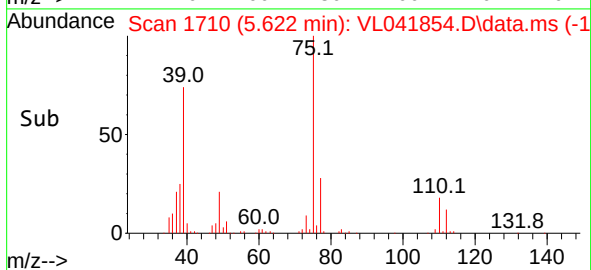
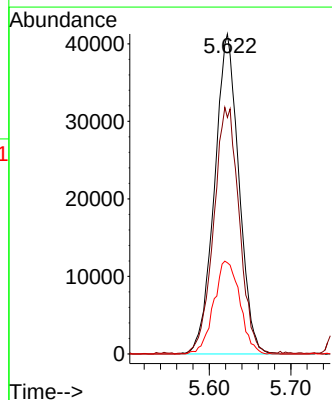
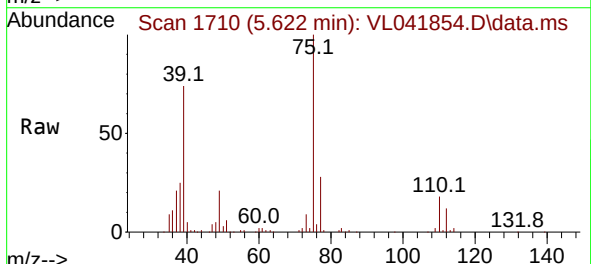
Instrument :
 MSVOA_L
 ClientSampleId :

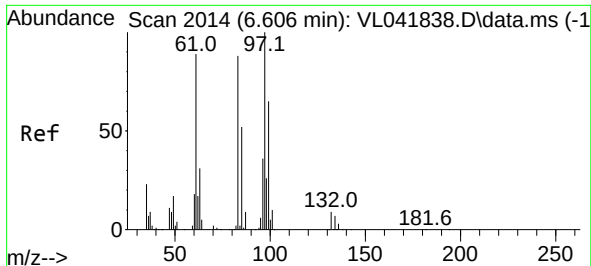
Tgt Ion: 75 Resp: 62730
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.2 33.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.427 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.010 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion: 75 Resp: 85898
 Ion Ratio Lower Upper
 75 100
 39 73.7 63.3 94.9
 77 28.5 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 10.873 ppbv

RT: 6.596 min Scan# 20

Delta R.T. -0.010 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 82732

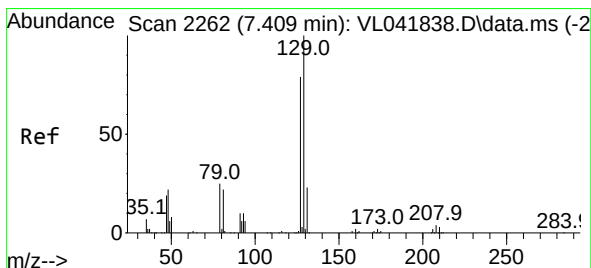
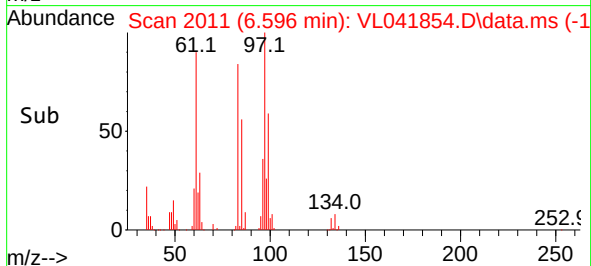
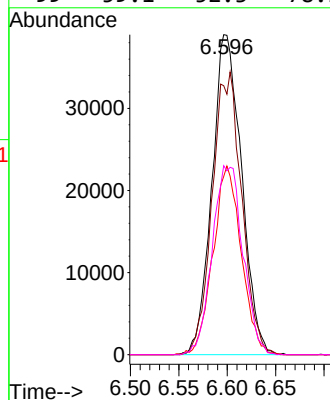
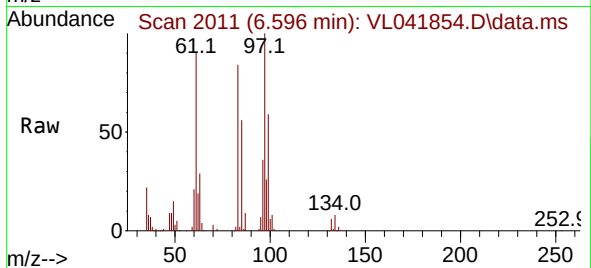
Ion Ratio Lower Upper

97 100

83 84.0 70.3 105.5

85 55.7 41.5 62.3

99 59.1 52.3 78.5



#48

Dibromochloromethane

Concen: 12.224 ppbv

RT: 7.402 min Scan# 2260

Delta R.T. -0.007 min

Lab File: VL041854.D

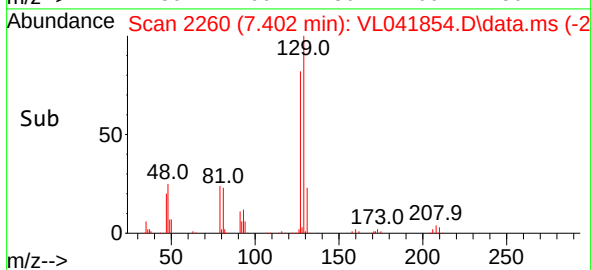
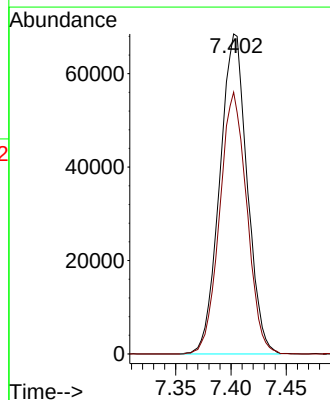
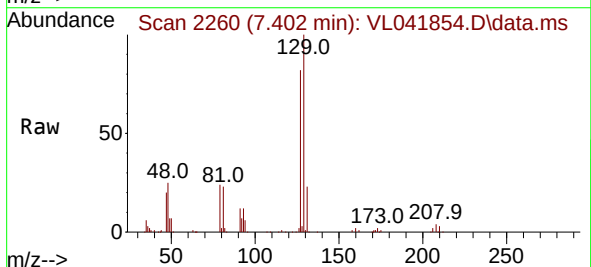
Acq: 07 Jan 2025 20:36

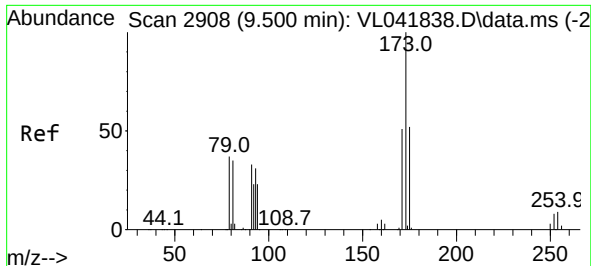
Tgt Ion: 129 Resp: 118547

Ion Ratio Lower Upper

129 100

127 80.5 38.7 116.1

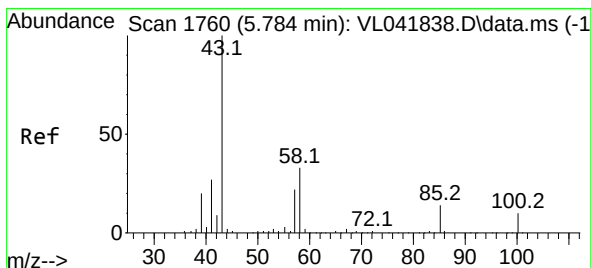
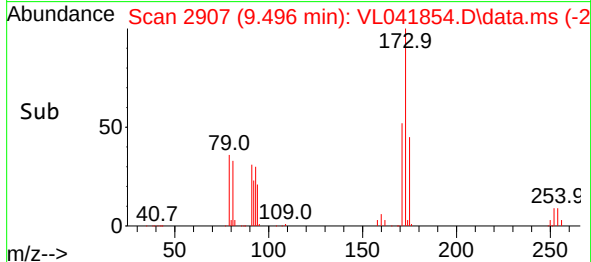
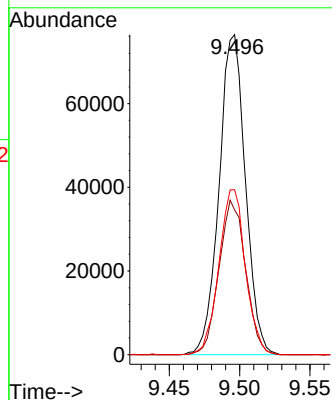
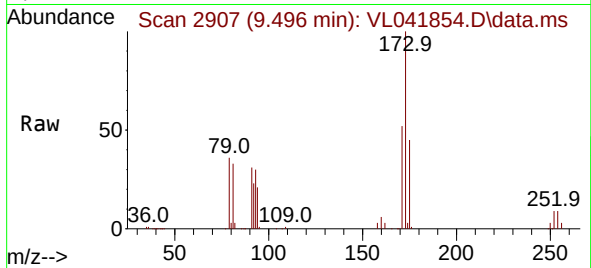




#49
Bromoform
Concen: 12.834 ppbv
RT: 9.496 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

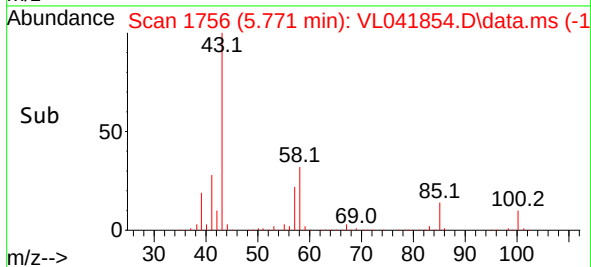
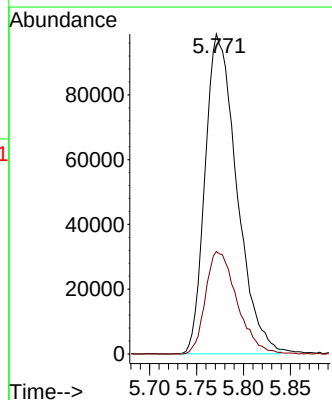
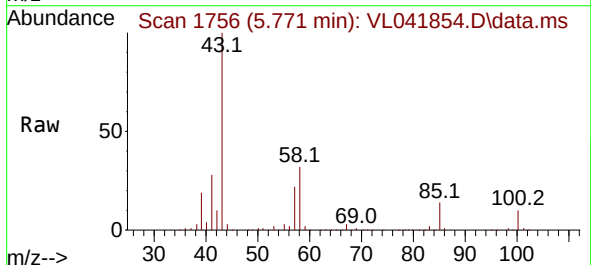
Instrument :
MSVOA_L
ClientSampleId :

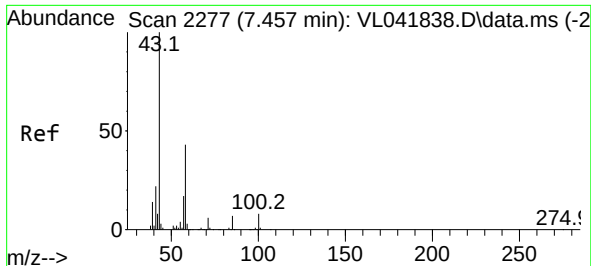
Tgt Ion:173 Resp: 99742
Ion Ratio Lower Upper
173 100
175 48.9 39.5 59.3
171 51.9 41.5 62.3



#50
4-Methyl-2-Pentanone
Concen: 13.046 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.013 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 43 Resp: 231659
Ion Ratio Lower Upper
43 100
58 31.8 25.6 38.4

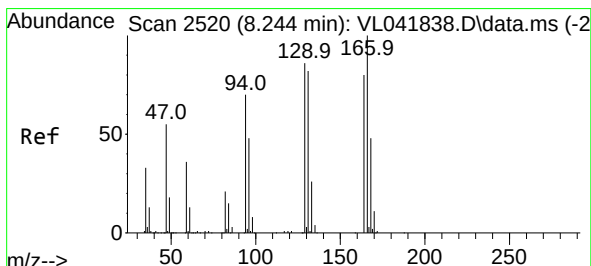
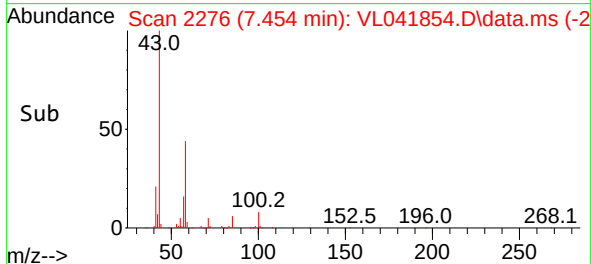
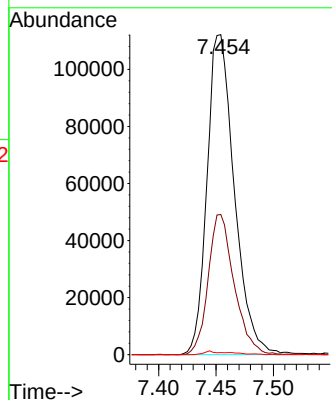
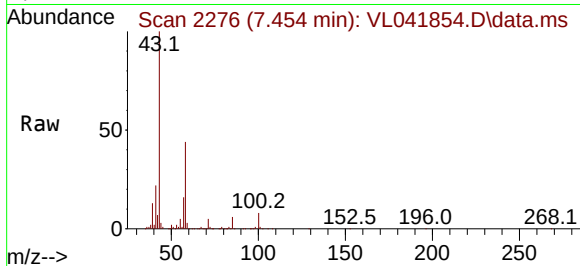




#51
2-Hexanone
Concen: 13.818 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

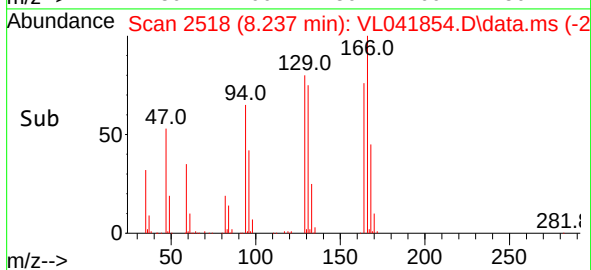
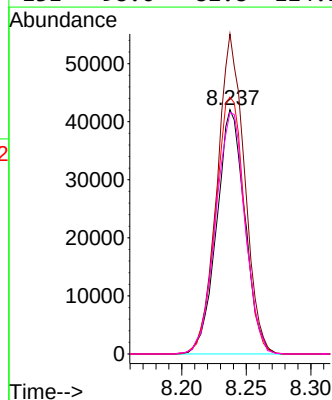
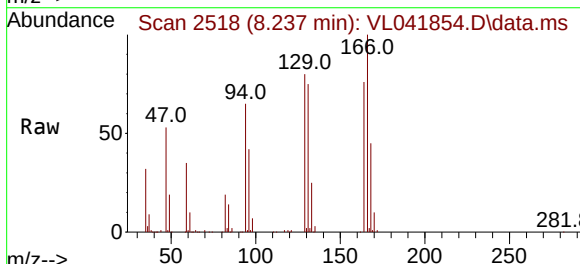
Instrument :
MSVOA_L
ClientSampleId :

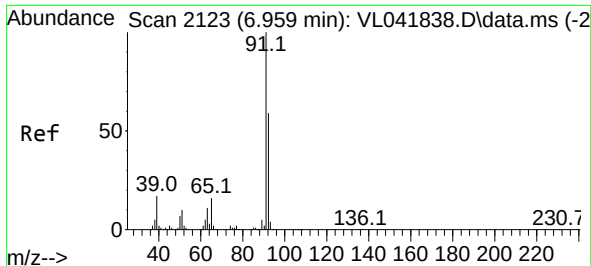
Tgt Ion: 43 Resp: 185684
Ion Ratio Lower Upper
43 100
58 41.8 33.8 50.8
98 1.1 0.7 1.1



#52
Tetrachloroethene
Concen: 11.558 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 164 Resp: 63814
Ion Ratio Lower Upper
164 100
166 130.8 100.4 150.6
129 104.9 85.9 128.9
131 98.6 82.8 124.2

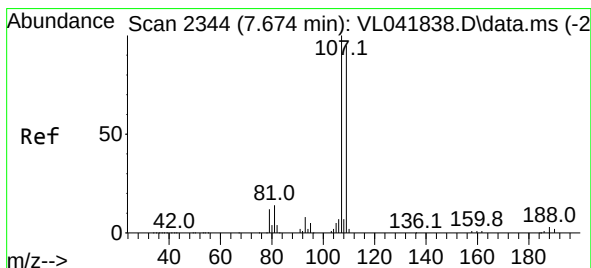
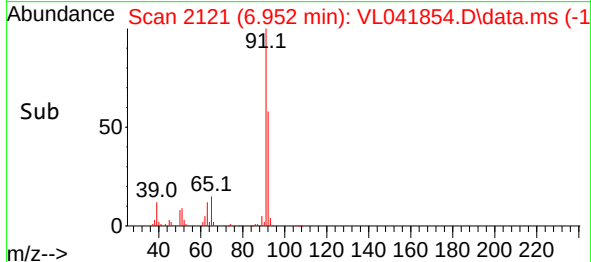
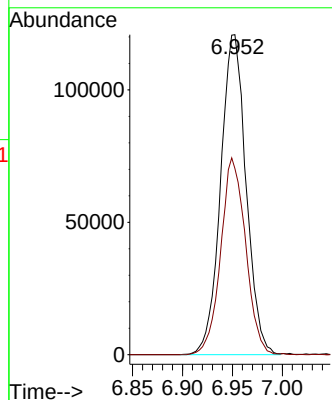
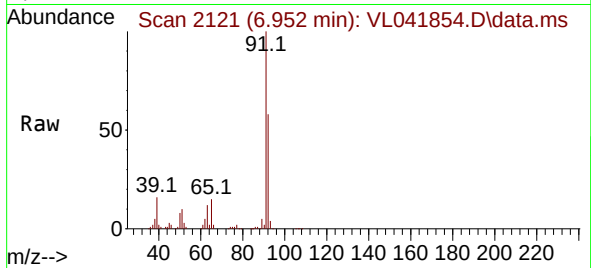




#53
Toluene
Concen: 12.926 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

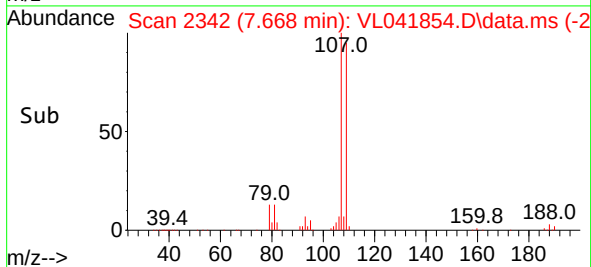
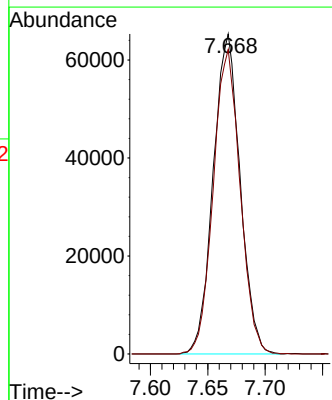
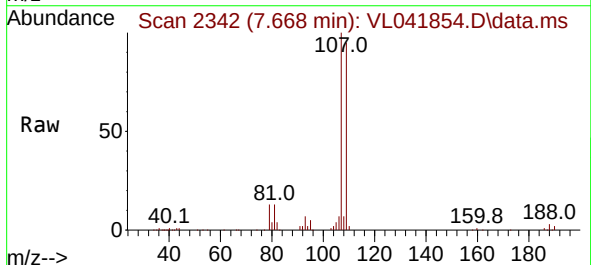
Instrument :
MSVOA_L
ClientSampleId :

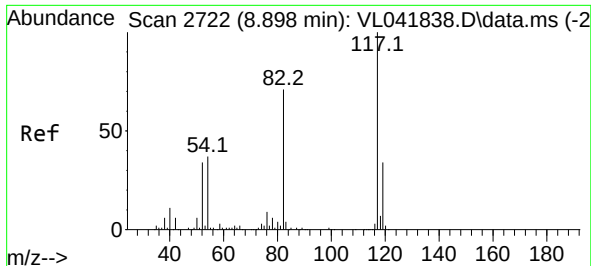
Tgt Ion: 91 Resp: 214221
Ion Ratio Lower Upper
91 100
92 60.2 47.8 71.6



#54
1,2-Dibromoethane
Concen: 11.406 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 107 Resp: 106412
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9

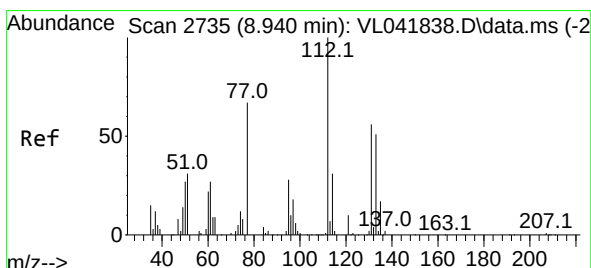
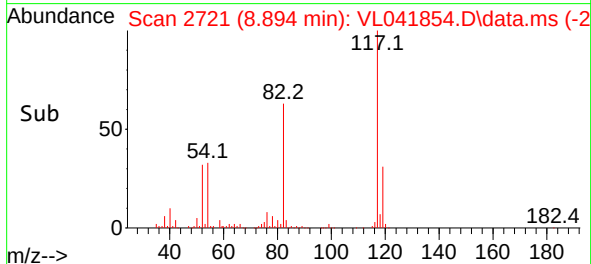
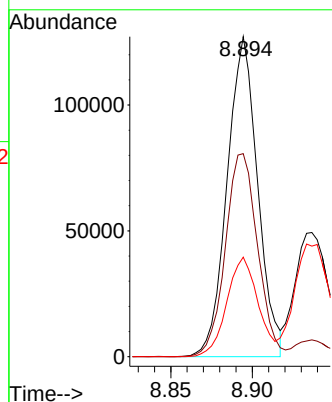
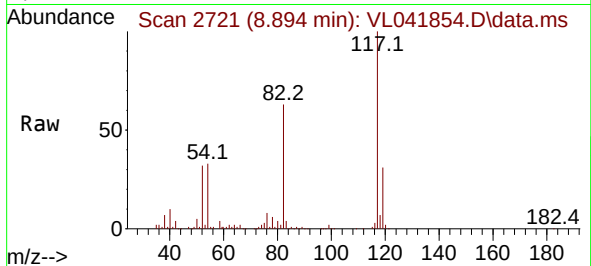




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

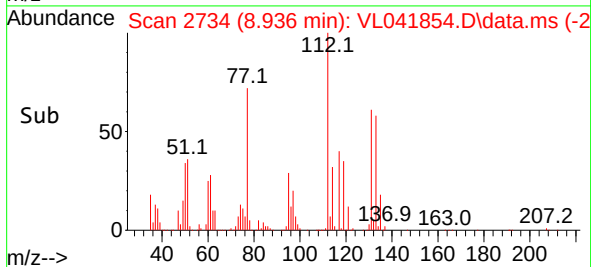
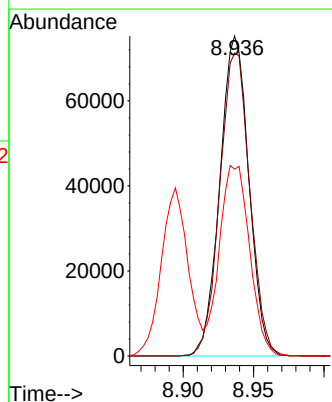
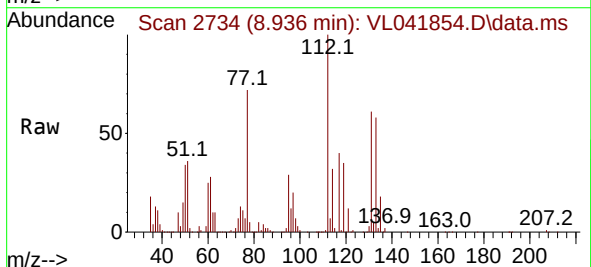
Instrument :
MSVOA_L
ClientSampleId :

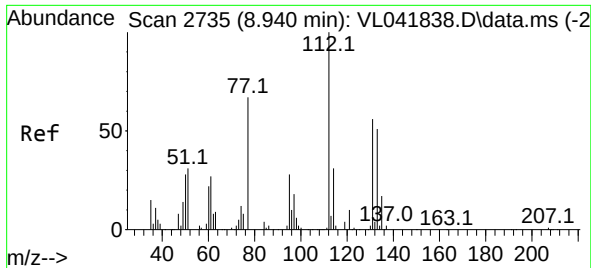
Tgt Ion:117 Resp: 165772
Ion Ratio Lower Upper
117 100
82 72.7 59.1 88.7
119 31.8 27.3 40.9



#56
1,1,1,2-Tetrachloroethane
Concen: 11.417 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:131 Resp: 107865
Ion Ratio Lower Upper
131 100
133 98.1 77.3 115.9
119 62.5 50.6 76.0

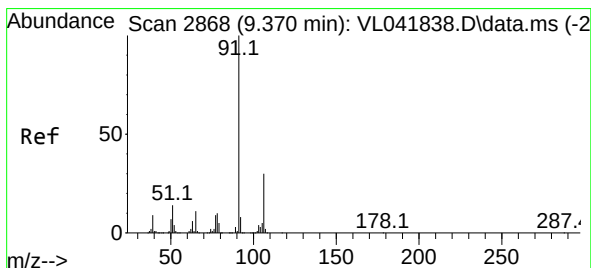
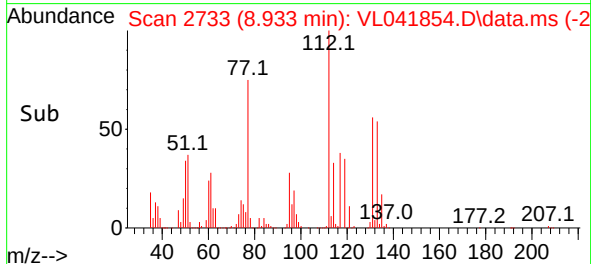
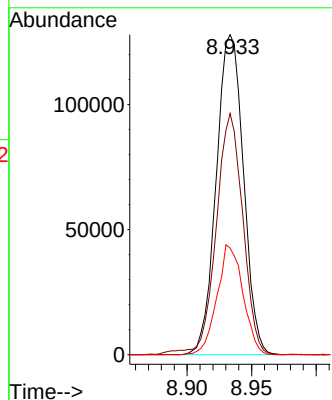
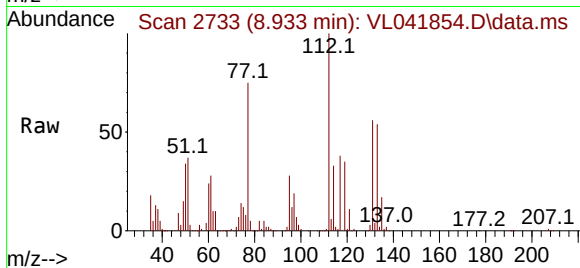




#57
Chlorobenzene
Concen: 10.840 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

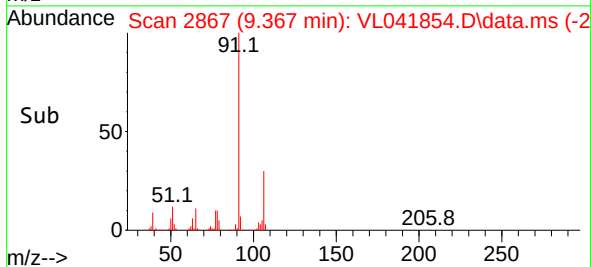
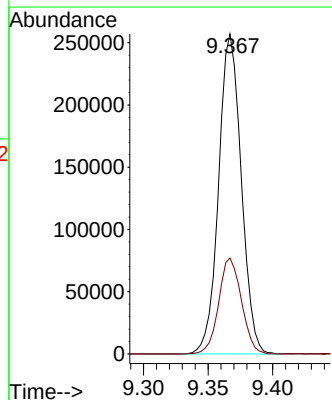
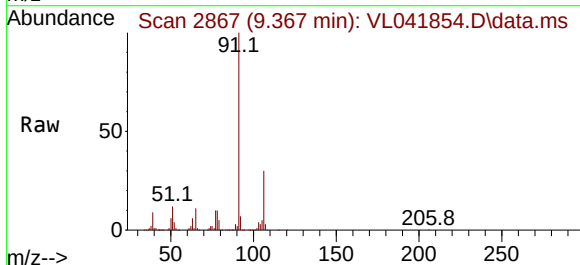
Instrument :
MSVOA_L
ClientSampleId :

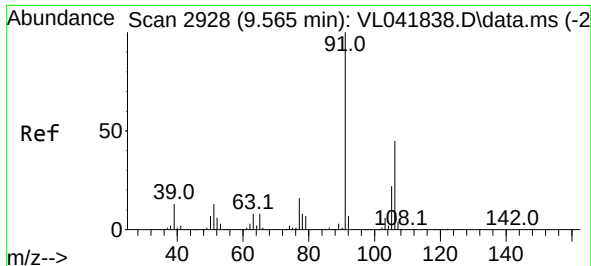
Tgt Ion:112 Resp: 187743
Ion Ratio Lower Upper
112 100
77 75.3 55.1 82.7
114 33.3 28.3 34.5



#58
Ethyl Benzene
Concen: 13.840 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 91 Resp: 312700
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

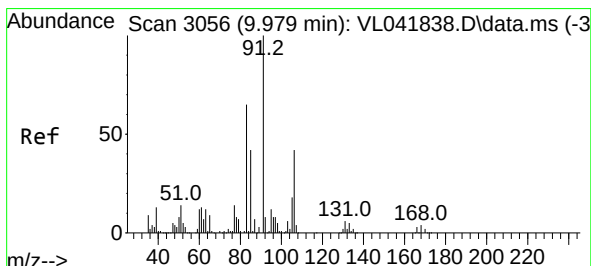
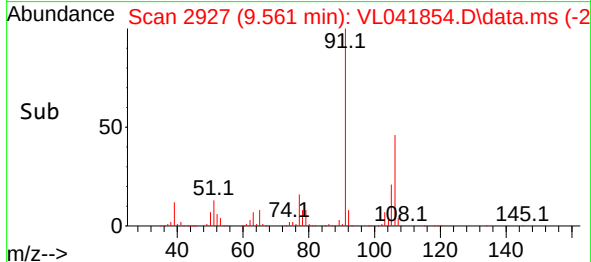
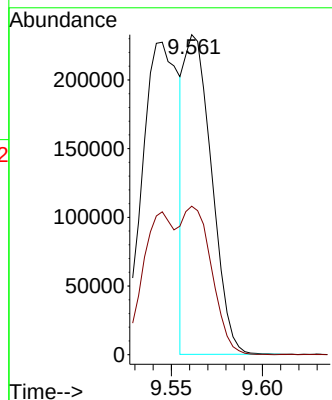
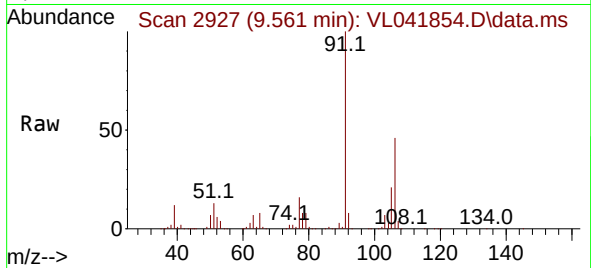




#59
m/p-Xylene
Concen: 12.123 ppbv
RT: 9.561 min Scan# 2928
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

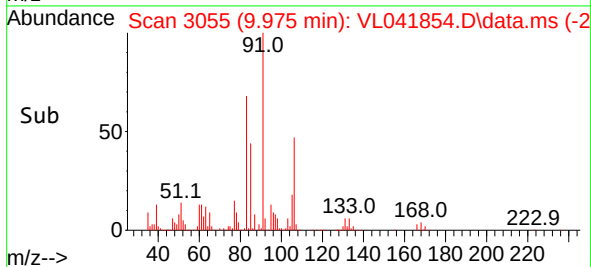
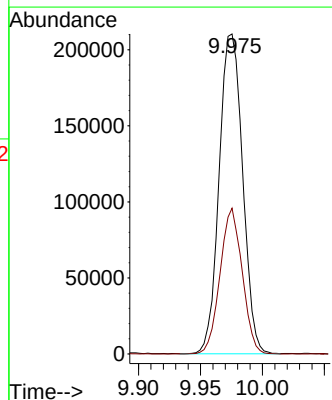
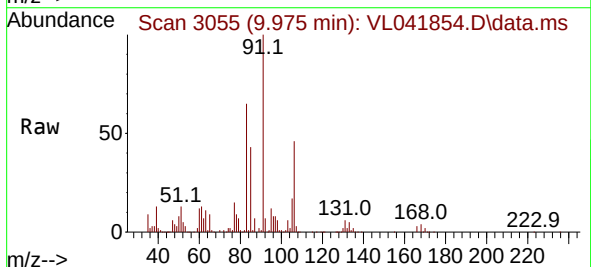
Instrument :
MSVOA_L
ClientSampleId :

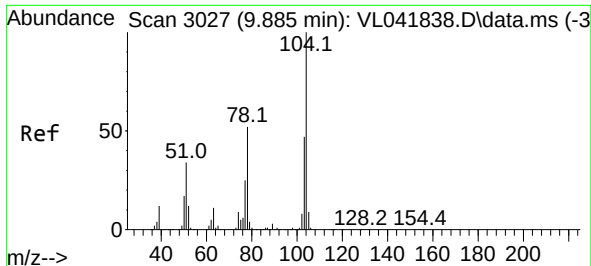
Tgt Ion: 91 Resp: 241309
Ion Ratio Lower Upper
91 100
106 106.2 36.7 55.1#



#60
o-Xylene
Concen: 14.326 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 91 Resp: 277919
Ion Ratio Lower Upper
91 100
106 43.0 21.9 65.5

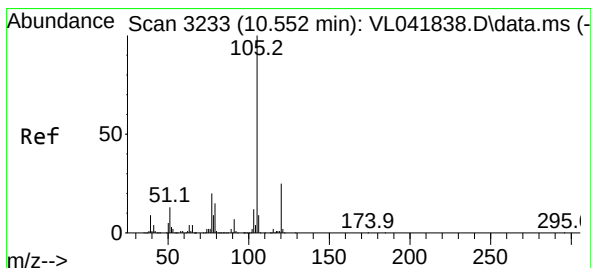
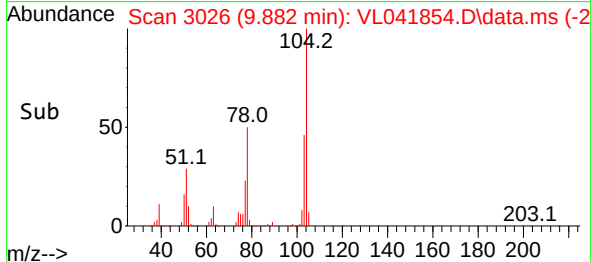
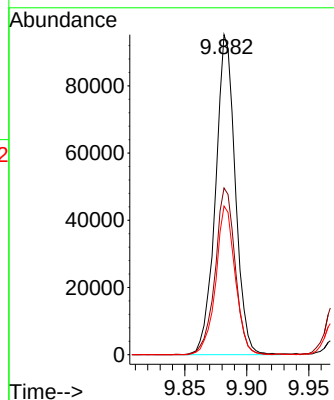
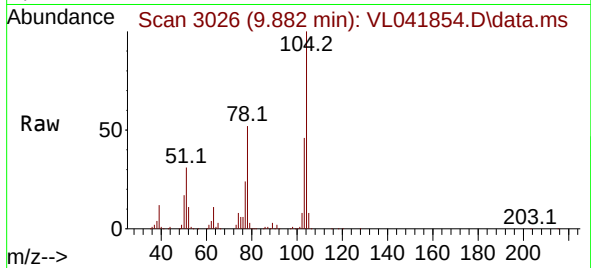




#61
Styrene
Concen: 14.068 ppbv
RT: 9.882 min Scan# 3027
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

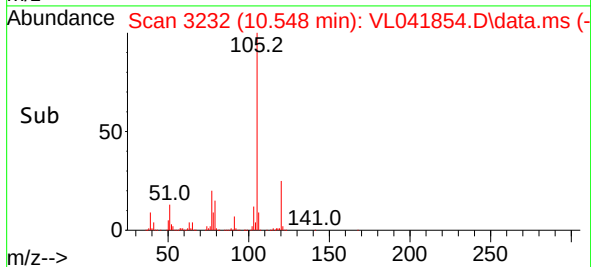
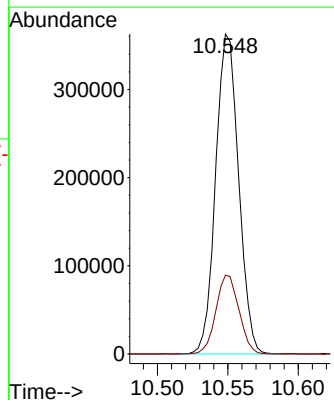
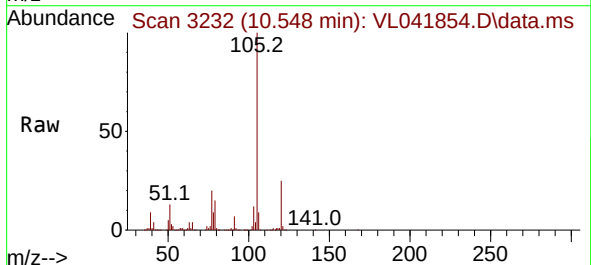
Instrument :
MSVOA_L
ClientSampleId :

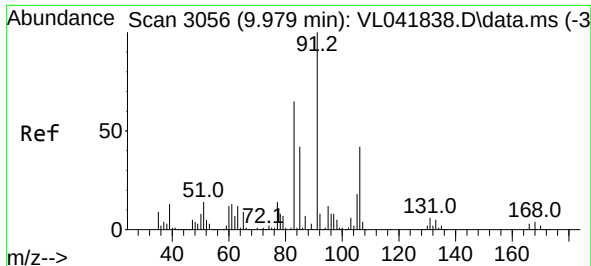
Tgt Ion:104 Resp: 105876
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 46.0 37.8 56.6



#62
Isopropylbenzene
Concen: 13.534 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:105 Resp: 412478
Ion Ratio Lower Upper
105 100
120 24.6 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 10.938 ppbv

RT: 9.972 min Scan# 3056

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

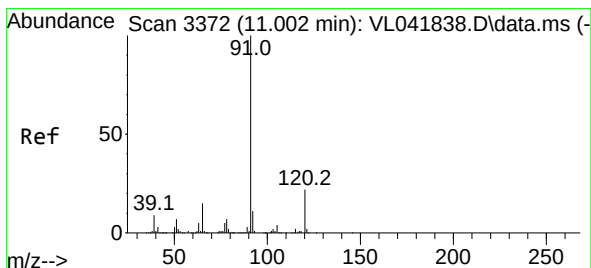
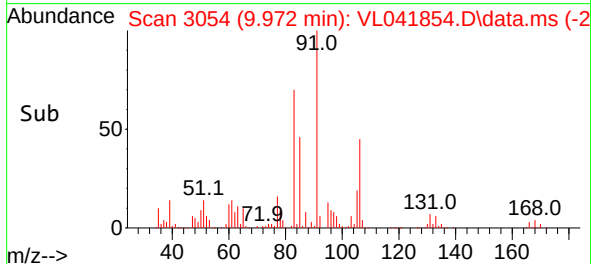
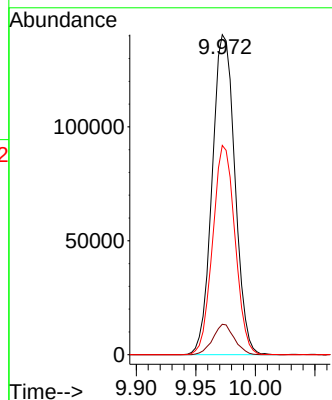
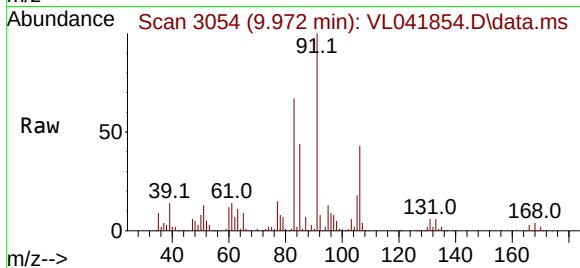
Tgt Ion: 83 Resp: 186060

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

85 64.2 31.9 95.9



#64

n-propylbenzene

Concen: 13.560 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. -0.003 min

Lab File: VL041854.D

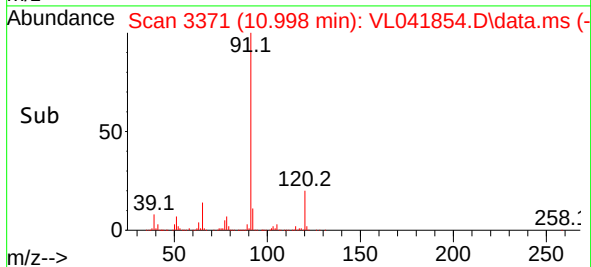
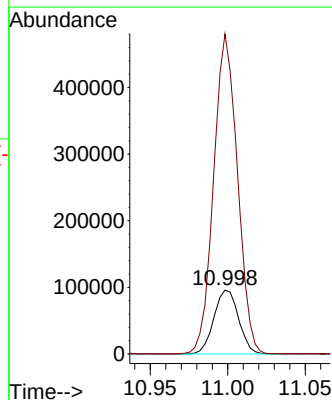
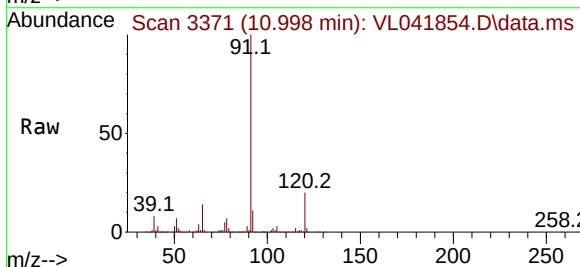
Acq: 07 Jan 2025 20:36

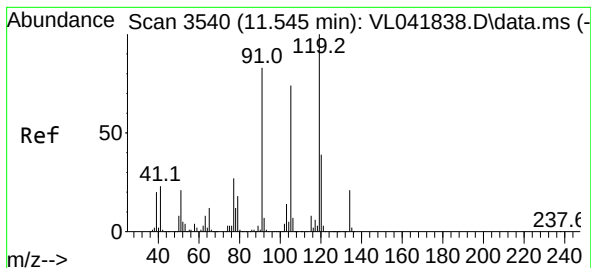
Tgt Ion: 120 Resp: 106028

Ion Ratio Lower Upper

120 100

91 484.9 382.1 573.1

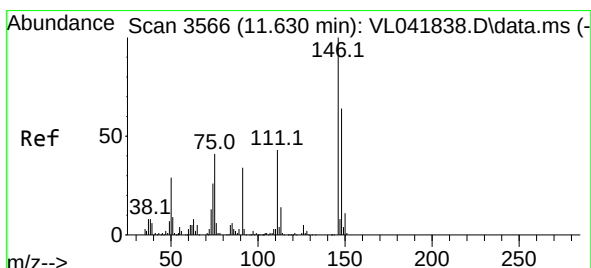
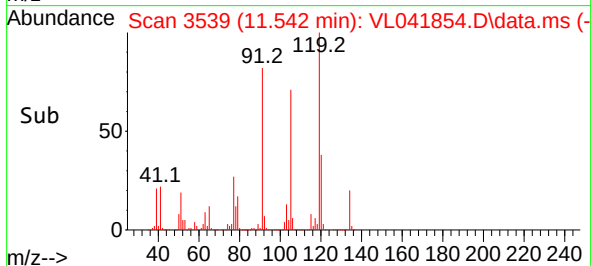
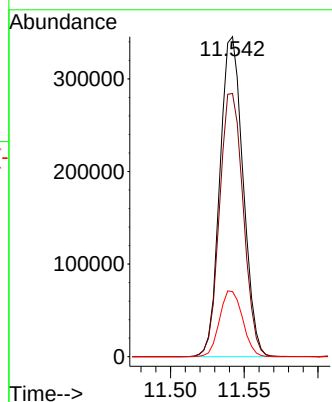
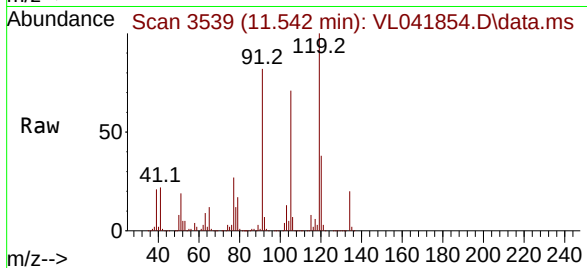




#65
tert-Butylbenzene
Concen: 13.768 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

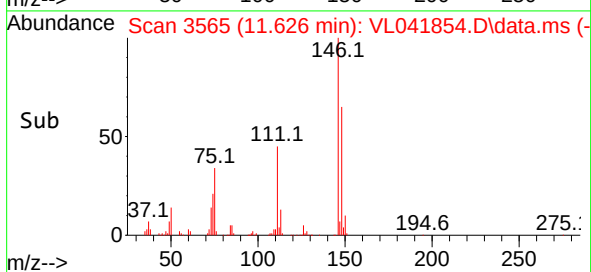
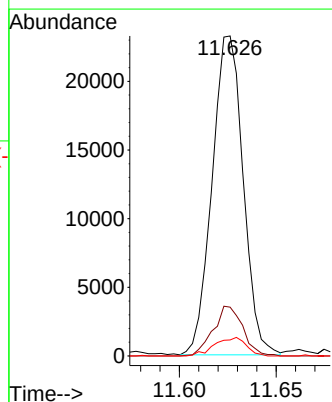
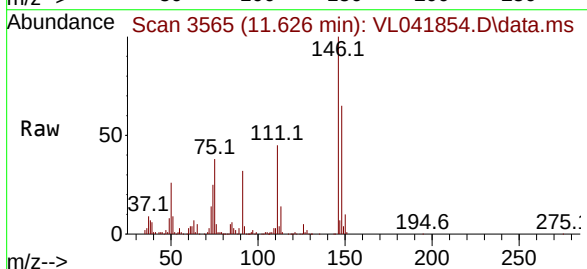
Instrument :
MSVOA_L
ClientSampleId :

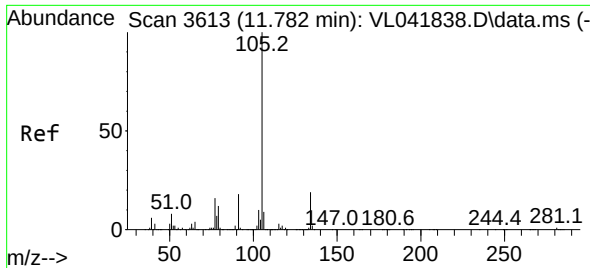
Tgt Ion:119 Resp: 378118
Ion Ratio Lower Upper
119 100
91 84.2 68.0 102.0
134 20.5 16.2 24.4



#66
Benzyl Chloride
Concen: 11.271 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 91 Resp: 25930
Ion Ratio Lower Upper
91 100
126 14.9 12.1 18.1
128 6.0 4.3 6.5

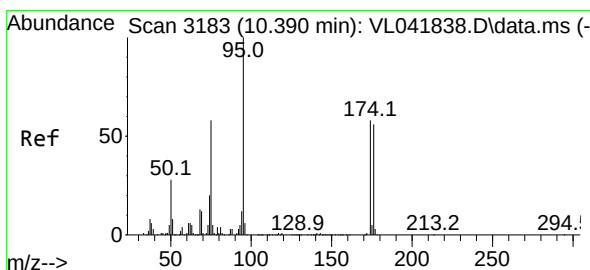
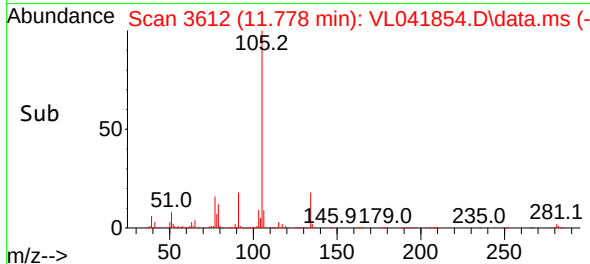
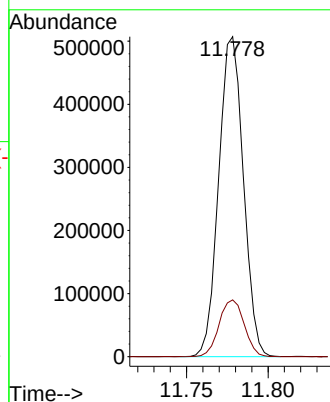
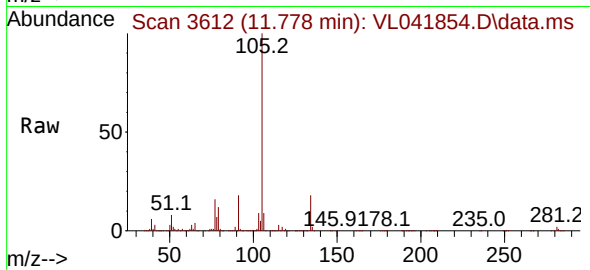




#67
sec-Butylbenzene
Concen: 13.311 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

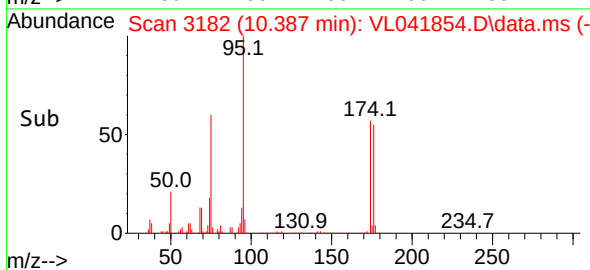
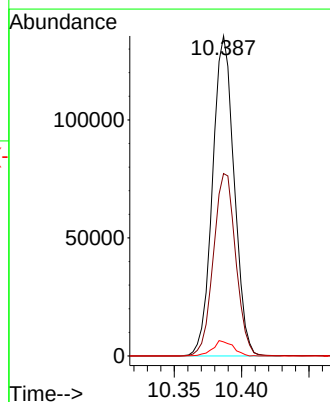
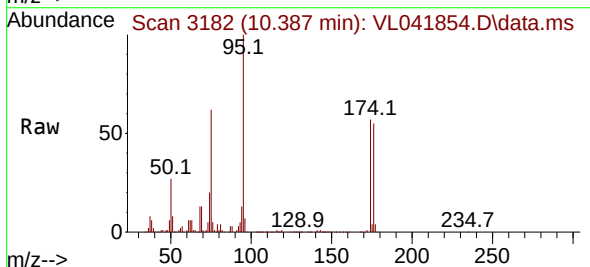
Instrument :
MSVOA_L
ClientSampleId :

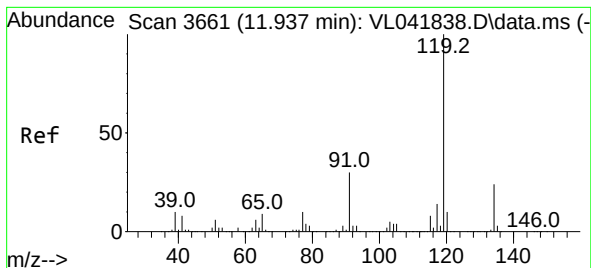
Tgt Ion:105 Resp: 533436
Ion Ratio Lower Upper
105 100
134 18.1 14.6 22.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.652 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 95 Resp: 151241
Ion Ratio Lower Upper
95 100
174 59.2 47.6 71.4
175 4.5 3.8 5.6

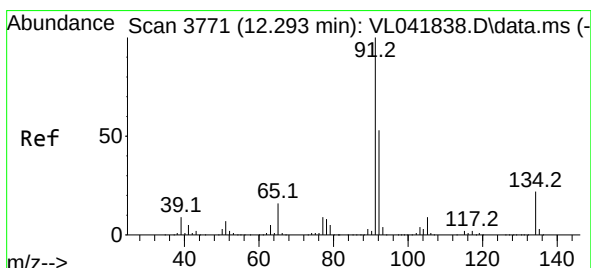
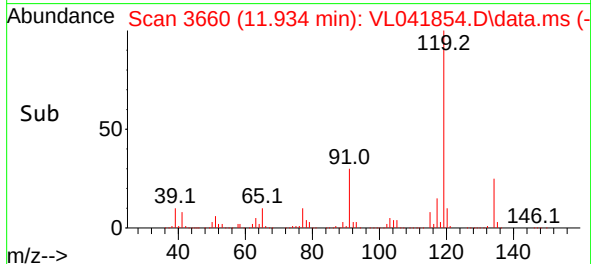
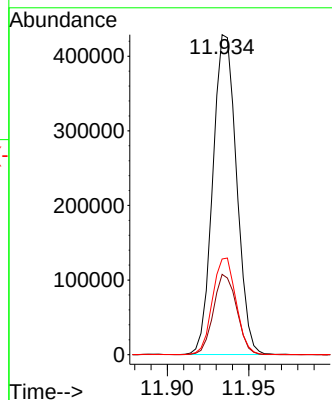
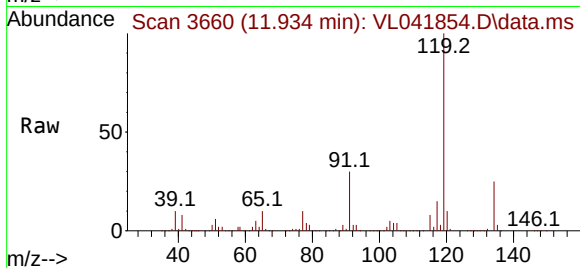




#69
 p-Isopropyltoluene
 Concen: 13.793 ppbv
 RT: 11.934 min Scan# 3660
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

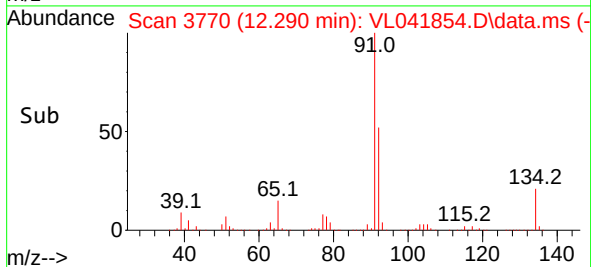
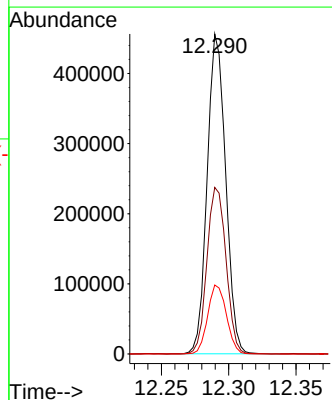
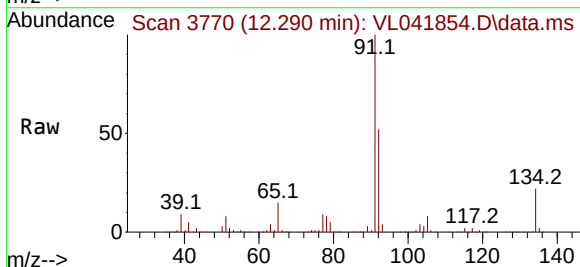
Instrument :
 MSVOA_L
 ClientSampleId :

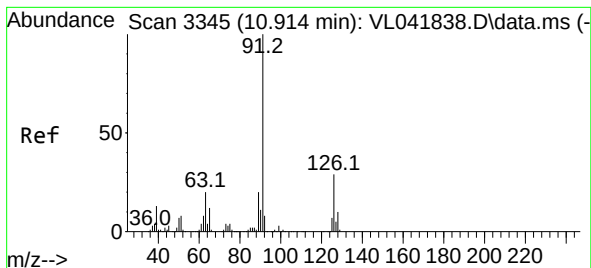
Tgt Ion:119 Resp: 433960
 Ion Ratio Lower Upper
 119 100
 134 24.7 19.4 29.2
 91 30.1 24.0 36.0



#70
 n-Butylbenzene
 Concen: 13.769 ppbv
 RT: 12.290 min Scan# 3770
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion: 91 Resp: 435228
 Ion Ratio Lower Upper
 91 100
 92 54.0 42.8 64.2
 134 21.9 17.8 26.6

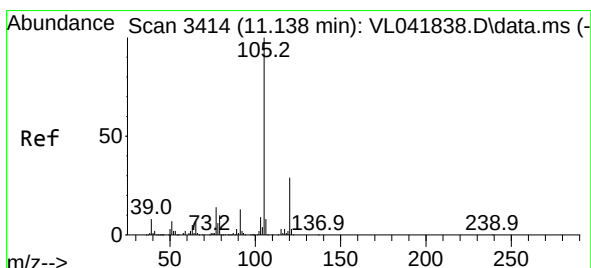
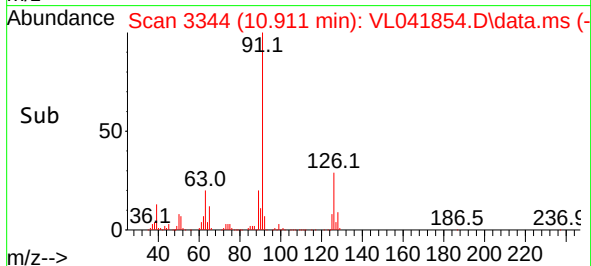
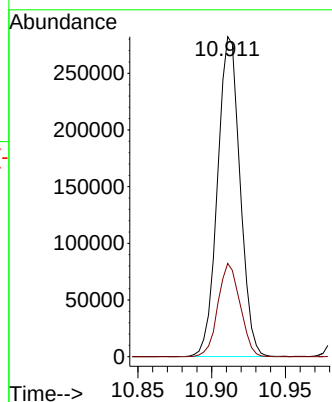
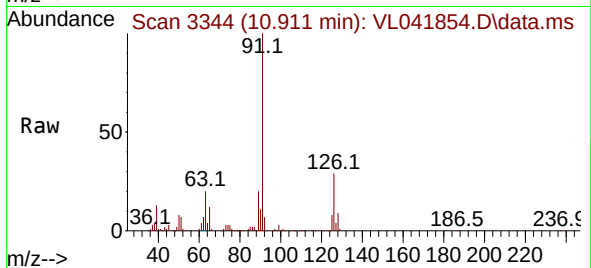




#71
2-Chlorotoluene
Concen: 13.557 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

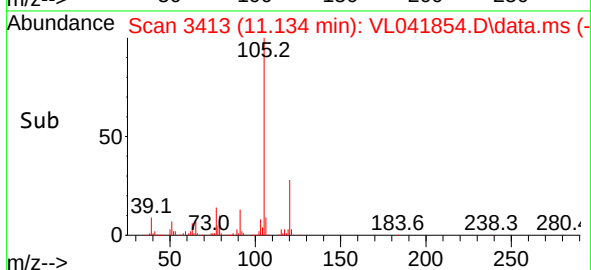
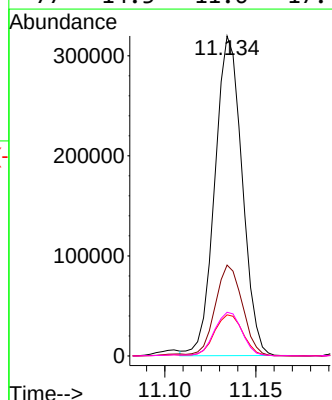
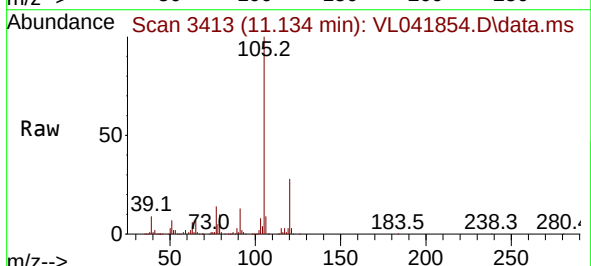
Instrument :
MSVOA_L
ClientSampleId :

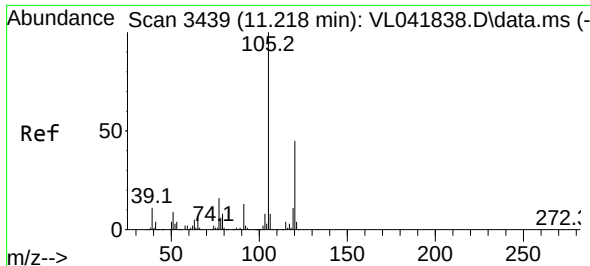
Tgt Ion: 91 Resp: 299922
Ion Ratio Lower Upper
91 100
126 28.7 11.6 46.6



#72
4-Ethyltoluene
Concen: 14.156 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:105 Resp: 332097
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.2
91 14.0 10.8 16.2
77 14.3 11.6 17.4

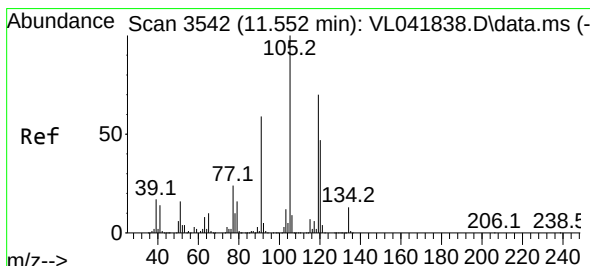
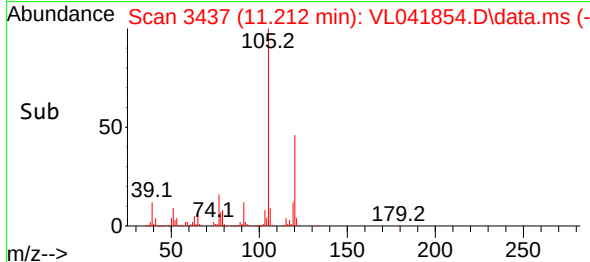
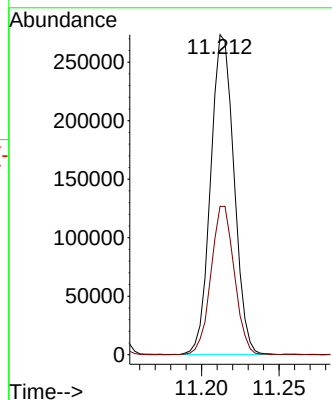
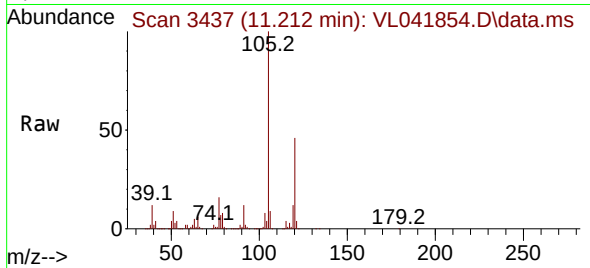




#73
1,3,5-Trimethylbenzene
Concen: 13.965 ppbv
RT: 11.212 min Scan# 3439
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

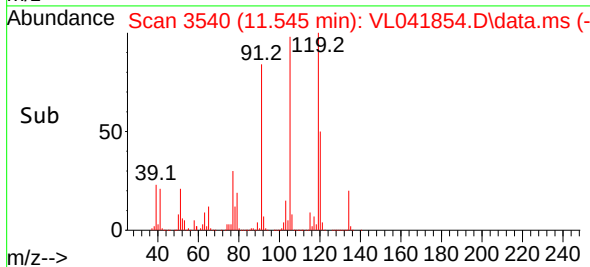
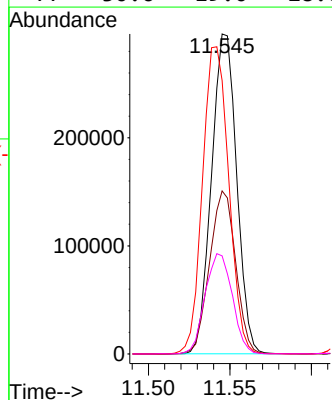
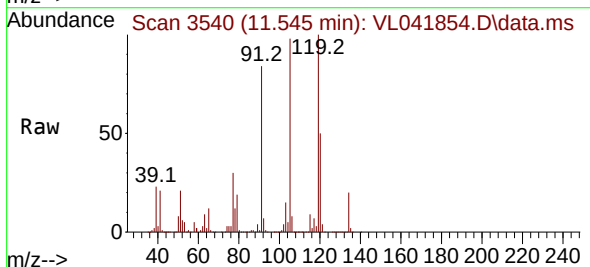
Instrument :
MSVOA_L
ClientSampleId :

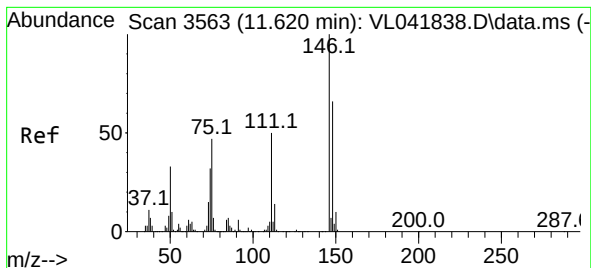
Tgt Ion:105 Resp: 286930
Ion Ratio Lower Upper
105 100
120 46.3 35.9 53.9



#74
1,2,4-Trimethylbenzene
Concen: 13.342 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:105 Resp: 317547
Ion Ratio Lower Upper
105 100
120 50.9 37.4 56.0
91 85.4 47.4 71.2#
77 30.6 19.0 28.6#





#75

1,3-Dichlorobenzene

Concen: 11.380 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. -0.003 min

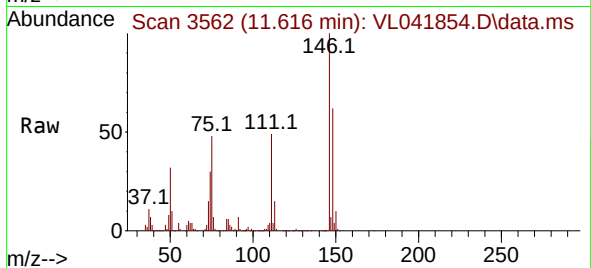
Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

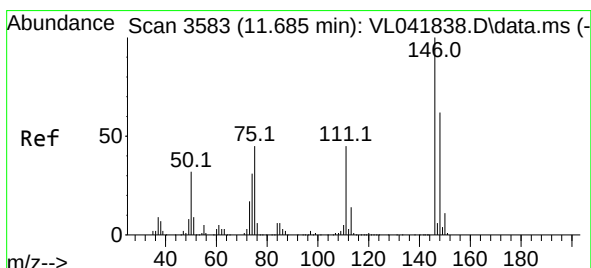
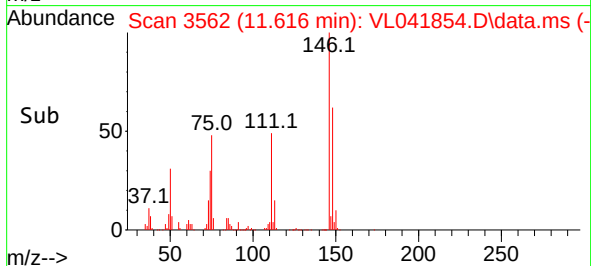
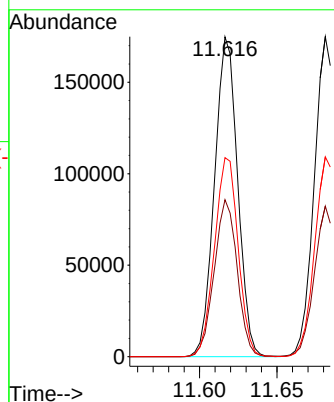
MSVOA_L

ClientSampleId :



Tgt Ion:146 Resp: 181271

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.1	72.2
148	63.8	32.0	96.0



#76

1,4-Dichlorobenzene

Concen: 11.781 ppbv

RT: 11.681 min Scan# 3582

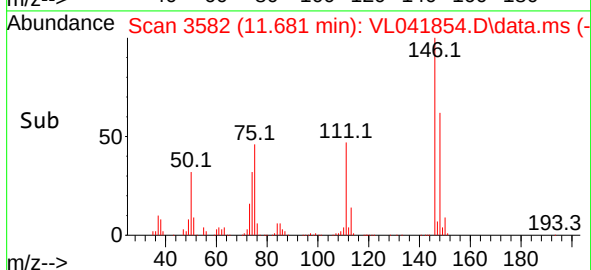
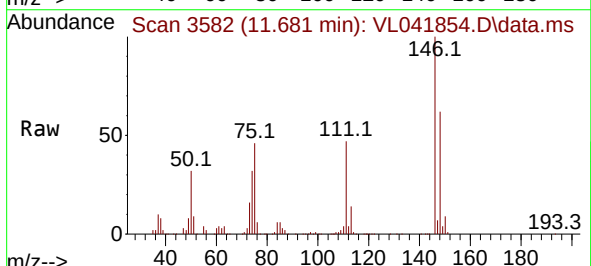
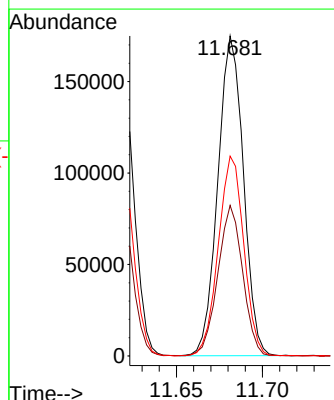
Delta R.T. -0.003 min

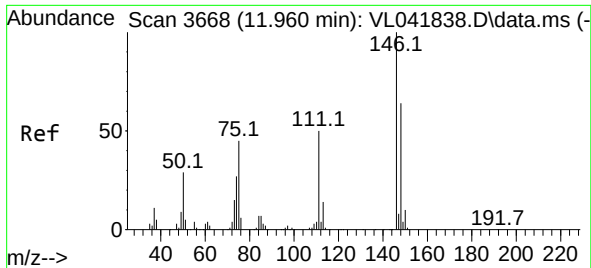
Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:146 Resp: 180588

Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.2	69.6
148	62.6	32.1	96.3

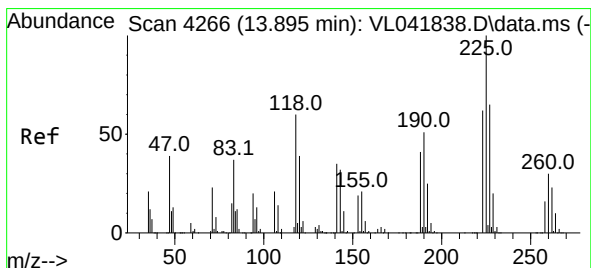
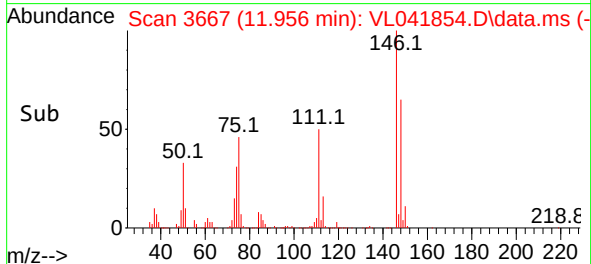
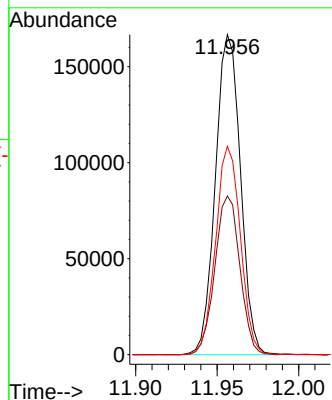
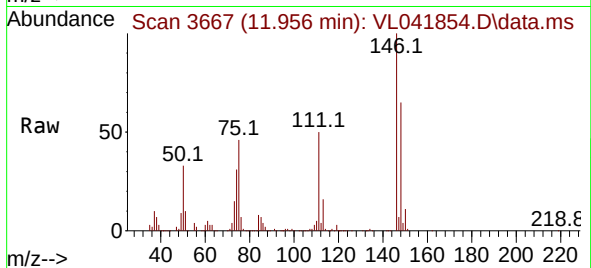




#77
1,2-Dichlorobenzene
Concen: 10.745 ppbv
RT: 11.956 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

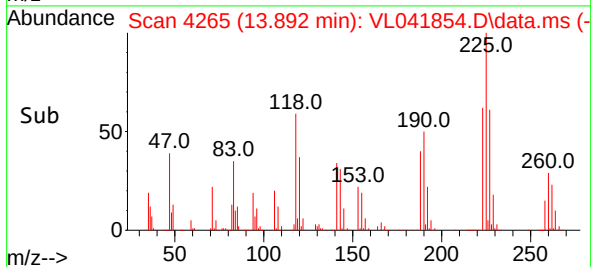
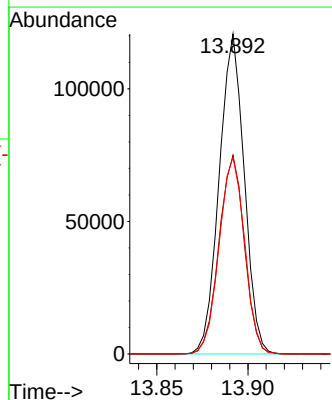
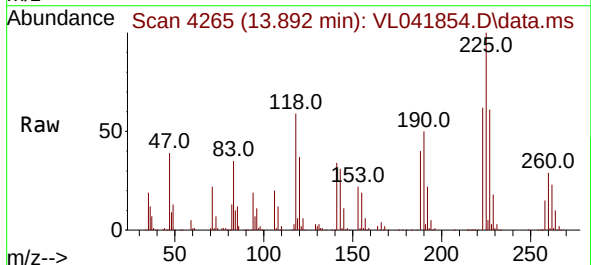
Instrument :
MSVOA_L
ClientSampleId :

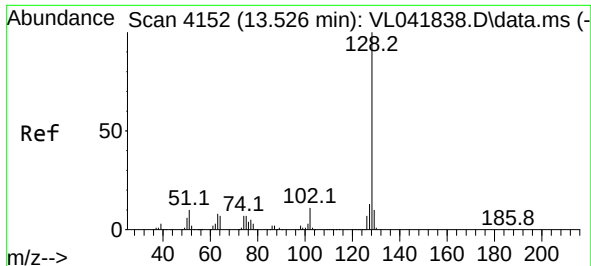
Tgt Ion:146 Resp: 178366
Ion Ratio Lower Upper
146 100
111 49.6 24.7 74.1
148 64.4 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 9.776 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:225 Resp: 115209
Ion Ratio Lower Upper
225 100
223 62.9 50.4 75.6
227 62.6 51.2 76.8

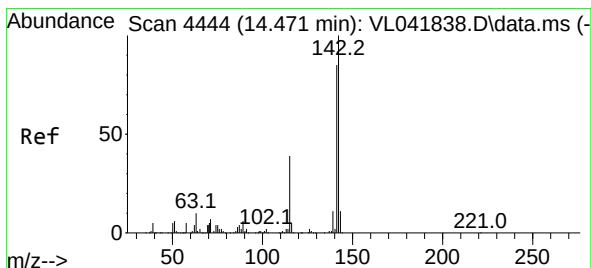
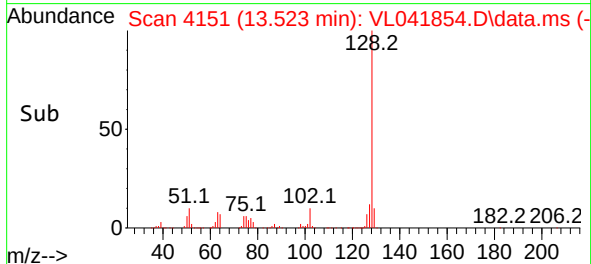
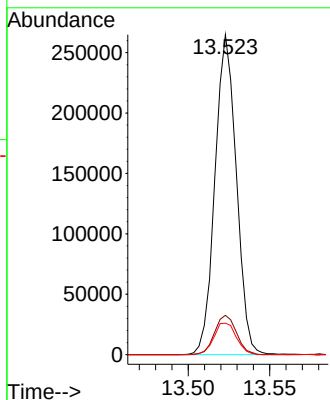
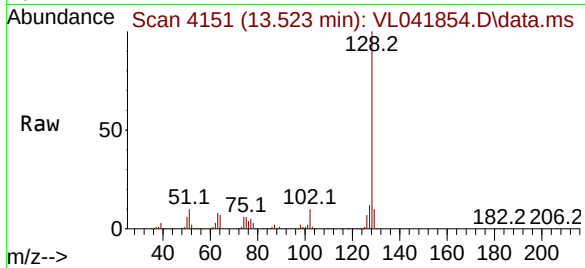




#79
Naphthalene
Concen: 13.776 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

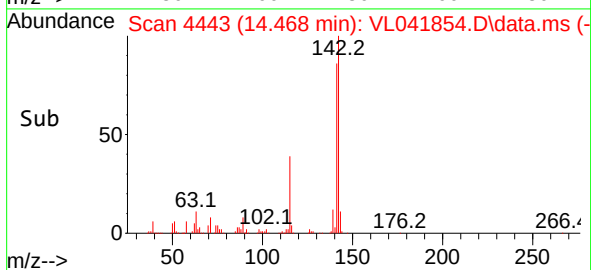
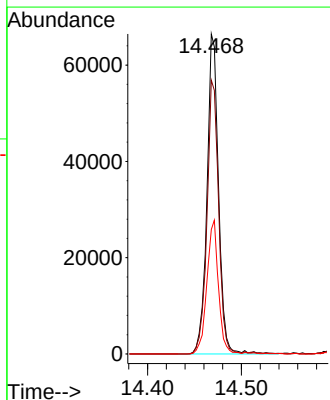
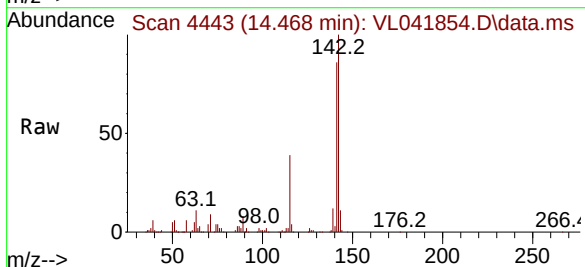
Instrument :
MSVOA_L
ClientSampleId :

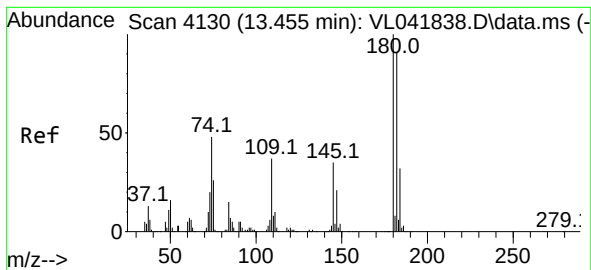
Tgt Ion:128 Resp: 241512
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 9.9 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 8.767 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:142 Resp: 56888
Ion Ratio Lower Upper
142 100
141 86.9 67.8 101.8
115 42.3 32.6 48.8





#81

1,2,4-Trichlorobenzene

Concen: 11.062 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.003 min

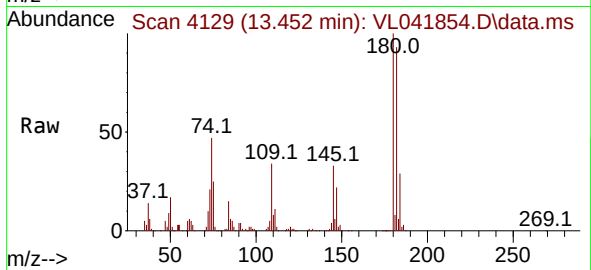
Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 107489

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

184 30.3 24.8 37.2

