

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041840.D
 Acq On : 07 Jan 2025 10:21
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 00:55:58 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 : Tue Jan 07 13:48:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	96549	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	232532	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	194086	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	164226	9.879	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	16559	1.045	ppbv	97
3) Chlorodifluoromethane	1.482	51	15873	1.049	ppbv	100
4) Chloromethane	1.538	50	6729	1.033	ppbv	98
5) Vinyl Chloride	1.586	62	6313	0.961	ppbv	97
6) Bromomethane	1.677	94	2955	1.050	ppbv	96
7) Chloroethane	1.712	64	2579	1.020	ppbv	94
8) Dichlorotetrafluoroethane	1.560	85	13682	1.001	ppbv	98
9) Propene	1.489	41	5371	1.019	ppbv	97
10) Heptane	5.010	43	11328	0.870	ppbv	94
11) Trichlorofluoromethane	1.887	101	16911	1.050	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.149	101	12386	1.032	ppbv	99
13) Ethanol	1.732	45	958	1.598	ppbv	97
14) Bromoethene	1.790	108	3972	1.011	ppbv #	93
15) Acetone	1.845	43	20021	1.126	ppbv	99
16) 1,3-Butadiene	1.615	39	7124	1.022	ppbv	99
17) tert-Butyl alcohol	2.052	59	16296	1.058	ppbv	98
18) 1,1-Dichloroethene	2.046	96	5187	1.033	ppbv	99
19) Isopropyl Alcohol	1.897	45	9089	1.089	ppbv #	1
20) Methylene Chloride	2.072	84	5540	1.090	ppbv	94
21) Allyl Chloride	2.107	41	9314	1.017	ppbv	99
22) trans-1,2-Dichloroethene	2.353	96	5931	1.057	ppbv	97
23) Vinyl Acetate	2.476	43	5463	0.958	ppbv #	96
24) 1,1-Dichloroethane	2.424	63	12403	1.009	ppbv	98
25) Ethyl Acetate	2.855	43	28818	0.967	ppbv	96
26) Hexane	2.842	57	9441	0.913	ppbv	81
27) Carbon Disulfide	2.162	76	8674	0.883	ppbv #	51
28) Methyl tert-Butyl Ether	2.453	73	8132	1.043	ppbv	94
29) Chloroform	2.865	83	20041	1.043	ppbv	96
30) Cyclohexane	3.881	84	6949	0.885	ppbv	94
31) cis-1,2-Dichloroethene	2.735	61	10514	0.987	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	16717	0.960	ppbv	100
34) 2-Butanone	2.573	43	17859	0.975	ppbv	99
35) Carbon Tetrachloride	3.787	117	15937	0.907	ppbv	98
36) Benzene	3.677	78	21504	0.968	ppbv	94
37) 1,2-Dichloroethane	3.237	62	14318	0.980	ppbv	97
38) Trichloroethene	4.573	130	4481	0.515	ppbv	88
39) 1,2-Dichloropropane	4.344	63	3955	0.460	ppbv	85
41) Tetrahydrofuran	3.081	42	7497	0.868	ppbv	98
42) Bromodichloromethane	4.522	83	15637	0.913	ppbv #	90
43) Methyl Methacrylate	4.910	69	2911	0.417	ppbv #	1
44) 2,2,4-Trimethylpentane	4.677	57	32898	0.899	ppbv	91
45) t-1,3-Dichloropropene	6.451	75	5502	0.808	ppbv	100
46) cis-1,3-Dichloropropene	5.642	75	3006	0.336	ppbv	91

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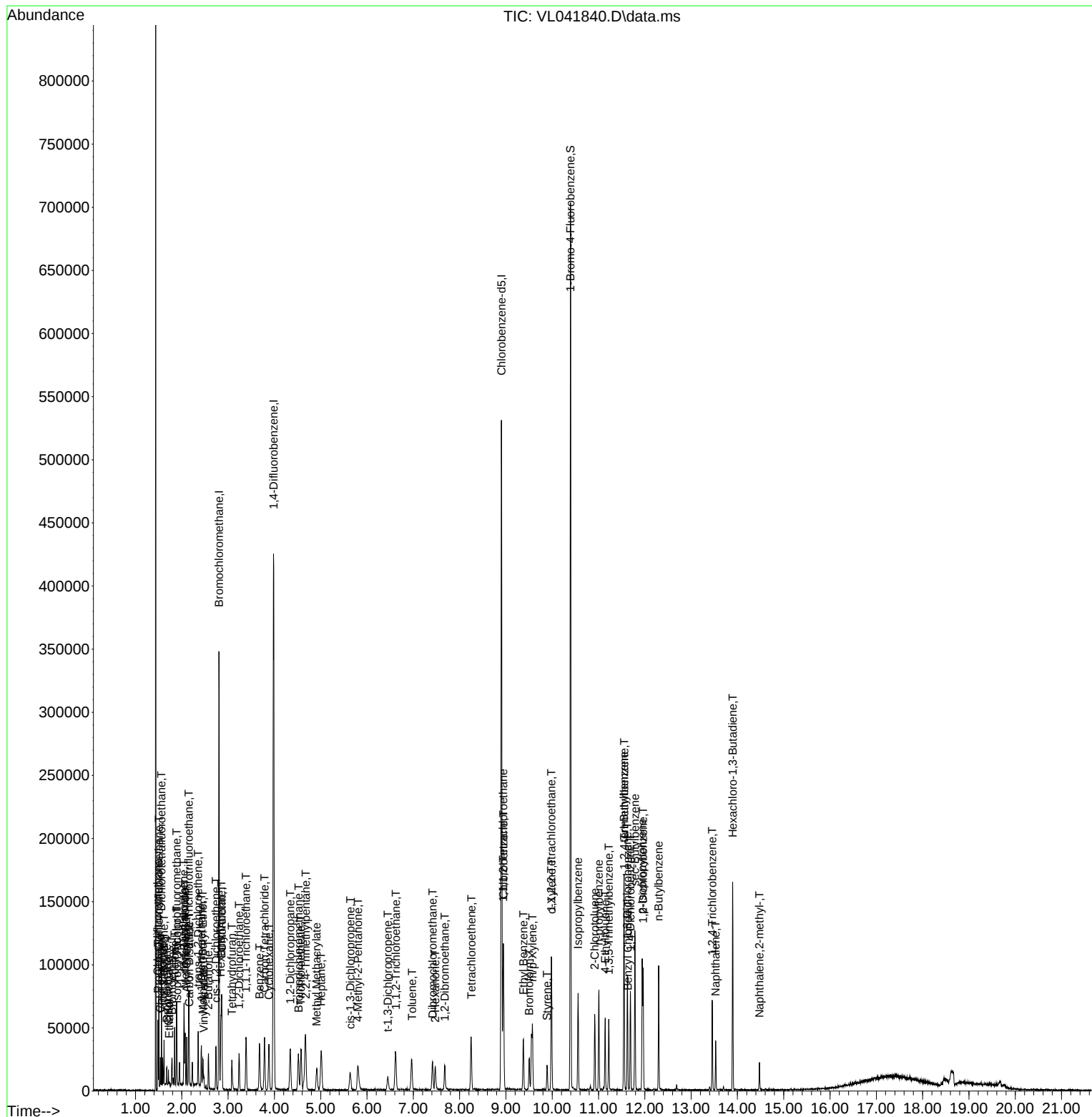
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.622	97	3492	0.384	ppbv	88
48) Dibromochloromethane	7.418	129	9977	0.862	ppbv	98
49) Bromoform	9.500	173	7621	0.822	ppbv	99
50) 4-Methyl-2-Pentanone	5.803	43	12983	0.613	ppbv #	79
51) 2-Hexanone	7.477	43	11832	0.738	ppbv #	100
52) Tetrachloroethene	8.254	164	2617	0.397	ppbv	86
53) Toluene	6.972	91	4888	0.247	ppbv #	21
54) 1,2-Dibromoethane	7.681	107	10719	0.963	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.943	131	10939	0.989	ppbv #	1
57) Chlorobenzene	8.946	112	20695	1.021	ppbv	95
58) Ethyl Benzene	9.377	91	20575	0.778	ppbv #	86
59) m/p-Xylene	9.574	91	24347	1.043	ppbv #	64
60) o-Xylene	9.985	91	17740	0.781	ppbv	95
61) Styrene	9.888	104	6320	0.717	ppbv	96
62) Isopropylbenzene	10.558	105	29086	0.815	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.982	83	18845	0.946	ppbv	96
64) n-propylbenzene	11.008	120	7978	0.871	ppbv	96
65) tert-Butylbenzene	11.548	119	27703	0.862	ppbv	99
66) Benzyl Chloride	11.633	91	2320	0.863	ppbv	97
67) sec-Butylbenzene	11.785	105	41306	0.880	ppbv	97
69) p-Isopropyltoluene	11.943	119	30189	0.820	ppbv	98
70) n-Butylbenzene	12.299	91	30246	0.817	ppbv	99
71) 2-Chlorotoluene	10.917	91	21930	0.847	ppbv	98
72) 4-Ethyltoluene	11.144	105	21421	0.780	ppbv	97
73) 1,3,5-Trimethylbenzene	11.222	105	19547	0.813	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	24542	0.881	ppbv	97
75) 1,3-Dichlorobenzene	11.626	146	18815	1.009	ppbv	98
76) 1,4-Dichlorobenzene	11.691	146	16488	0.919	ppbv	95
77) 1,2-Dichlorobenzene	11.963	146	19852	1.021	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	14814	1.074	ppbv	99
79) Naphthalene	13.529	128	16677	0.812	ppbv #	96
80) Naphthalene,2-methyl-	14.474	142	5705	0.751	ppbv	97
81) 1,2,4-Trichlorobenzene	13.455	180	10080	0.886	ppbv	99

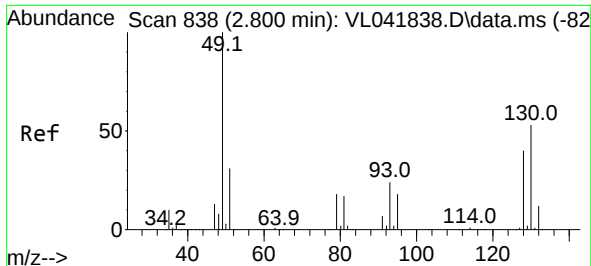
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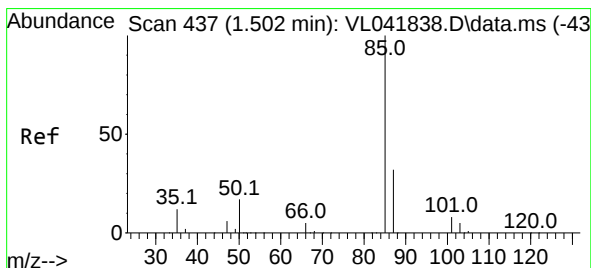
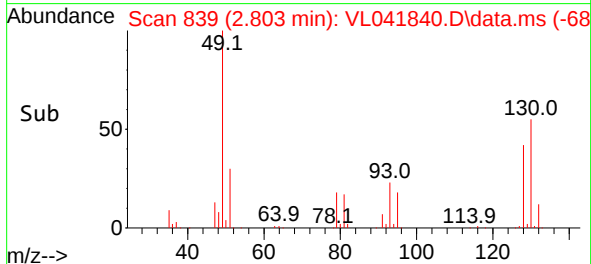
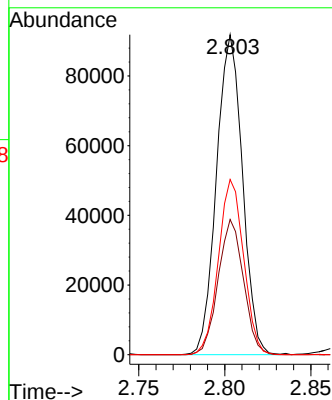
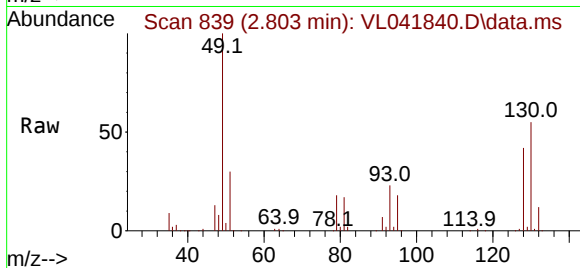




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL041840.D
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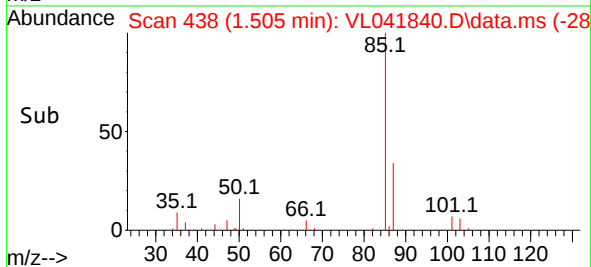
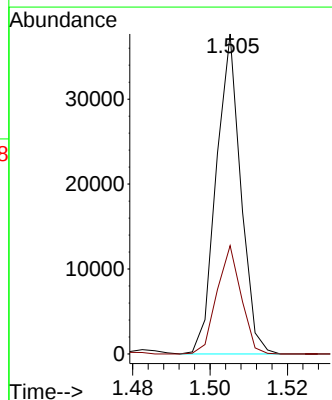
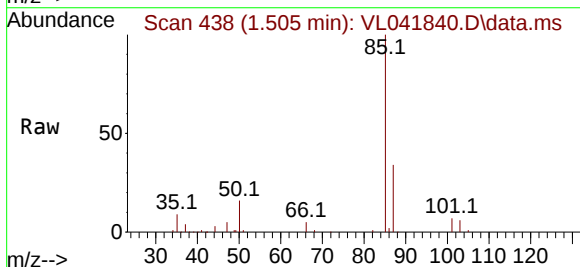
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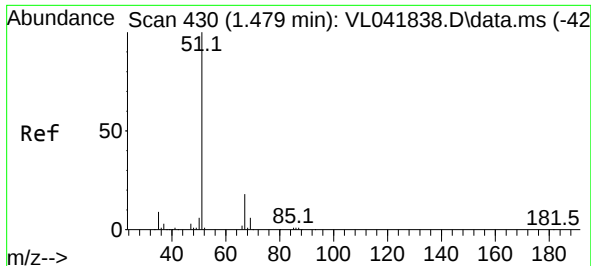
Tgt Ion: 49 Resp: 96549
 Ion Ratio Lower Upper
 49 100
 128 41.1 19.7 59.1
 130 53.0 26.4 79.2



#2
 Dichlorodifluoromethane
 Concen: 1.045 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion: 85 Resp: 16559
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.6 38.4

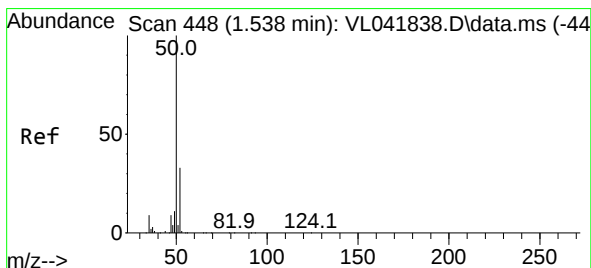
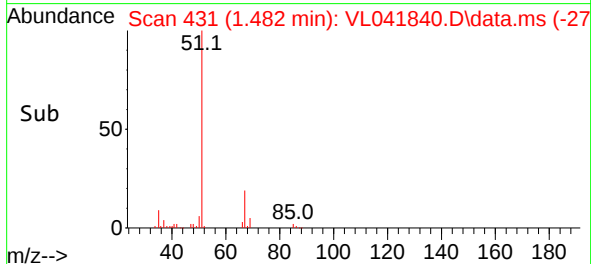
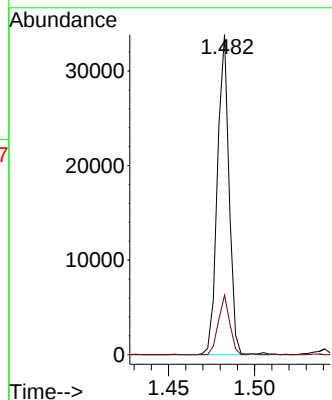
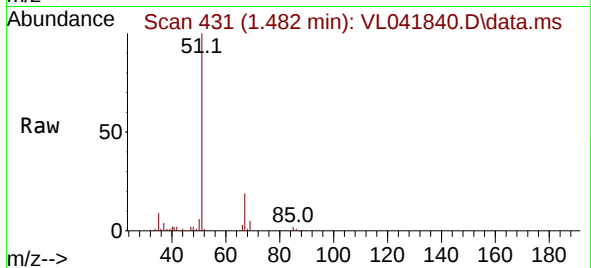




#3
Chlorodifluoromethane
Concen: 1.049 ppbv
RT: 1.482 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

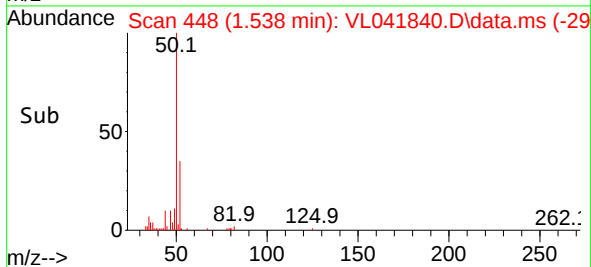
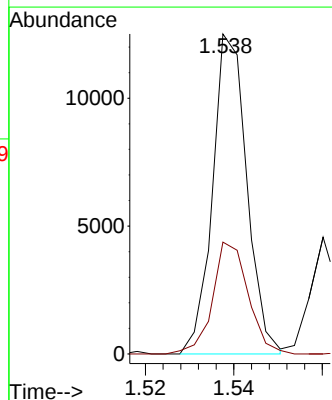
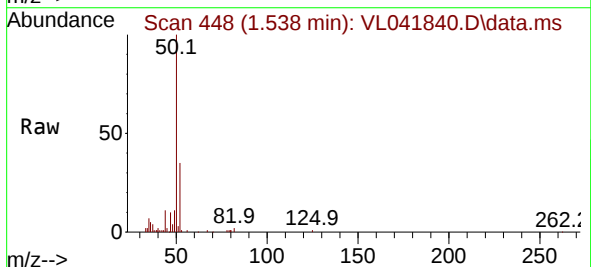
Instrument :
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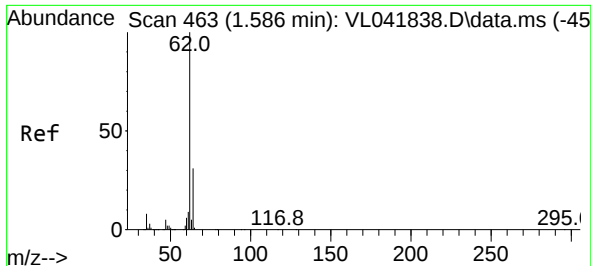
Tgt Ion: 51 Resp: 15873
Ion Ratio Lower Upper
51 100
67 18.1 14.6 22.0



#4
Chloromethane
Concen: 1.033 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 50 Resp: 6729
Ion Ratio Lower Upper
50 100
52 33.9 26.1 39.1

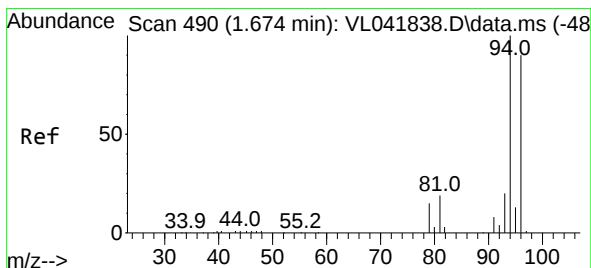
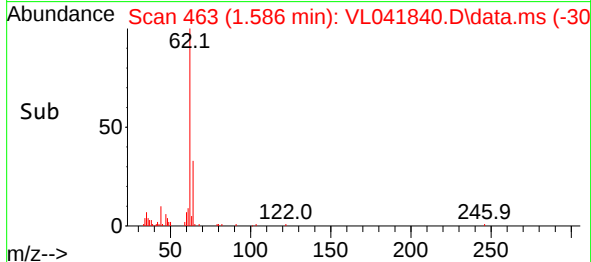
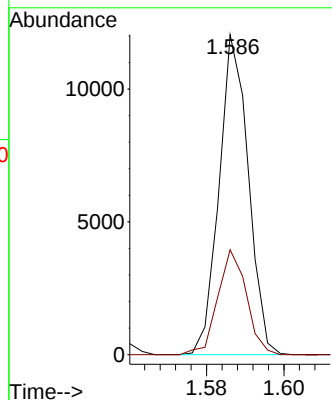
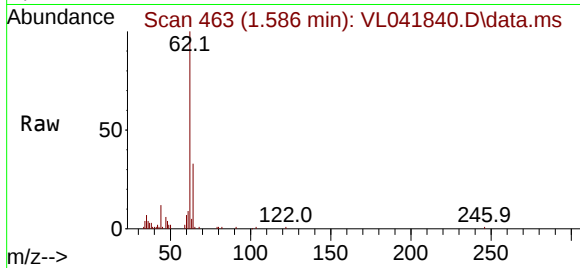




#5
 Vinyl Chloride
 Concen: 0.961 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

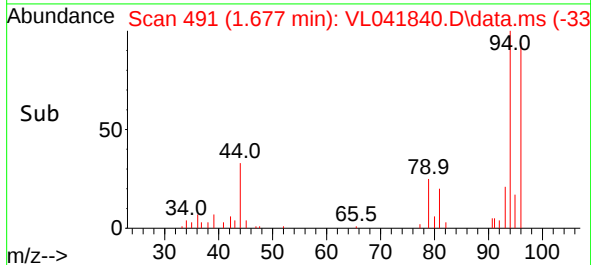
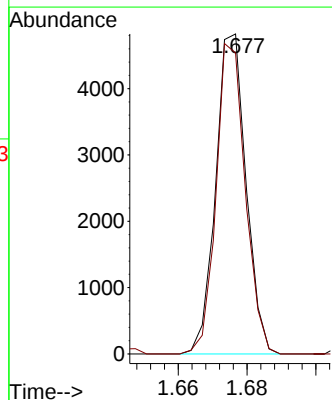
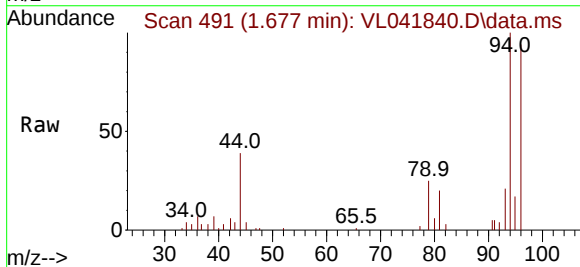
Instrument :
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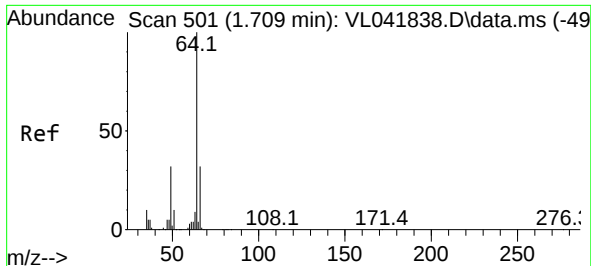
Tgt Ion: 62 Resp: 6313
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.9 37.3



#6
 Bromomethane
 Concen: 1.050 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion: 94 Resp: 2955
 Ion Ratio Lower Upper
 94 100
 96 94.1 72.0 108.0

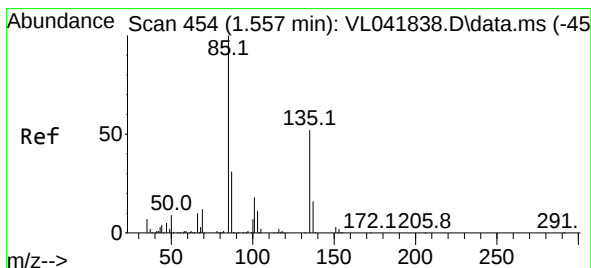
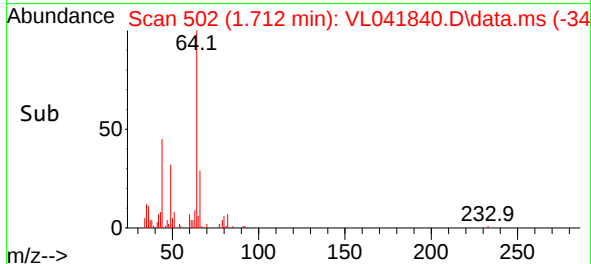
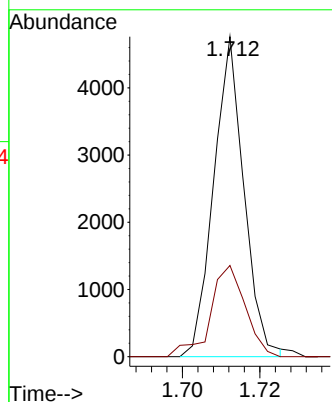
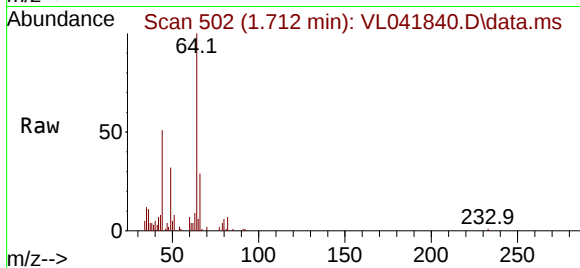




#7
Chloroethane
Concen: 1.020 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

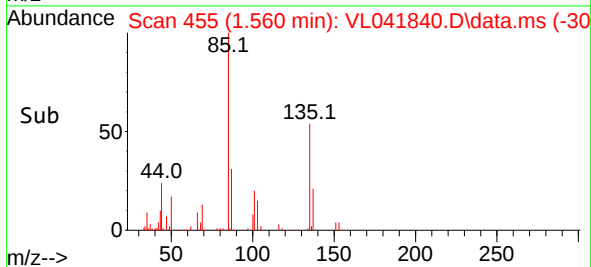
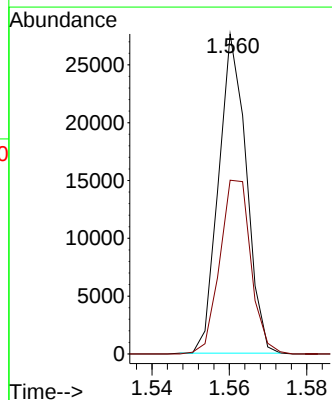
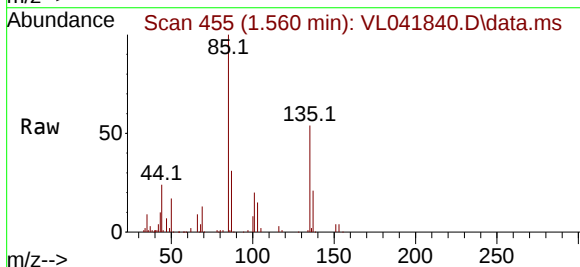
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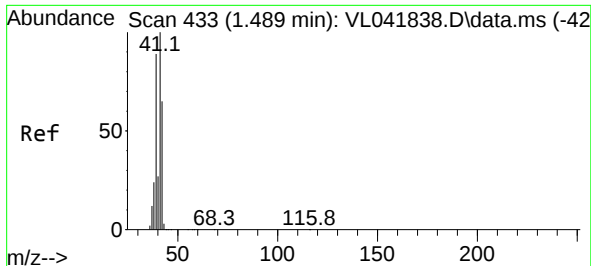
Tgt Ion: 64 Resp: 2579
Ion Ratio Lower Upper
64 100
66 28.5 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 1.001 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 85 Resp: 13682
Ion Ratio Lower Upper
85 100
135 61.4 47.9 71.9

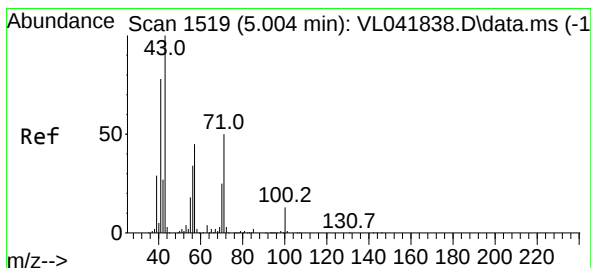
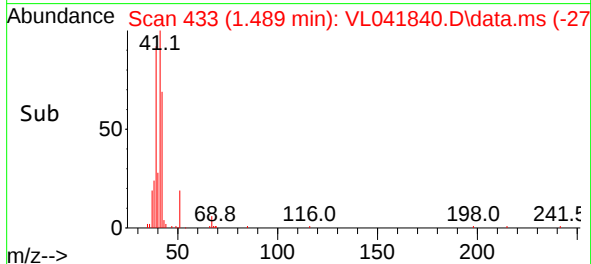
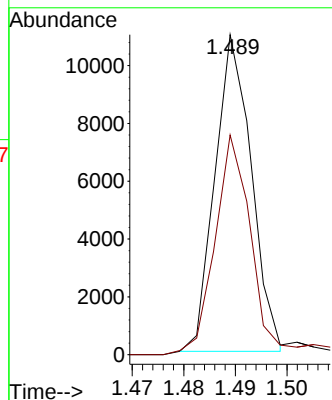
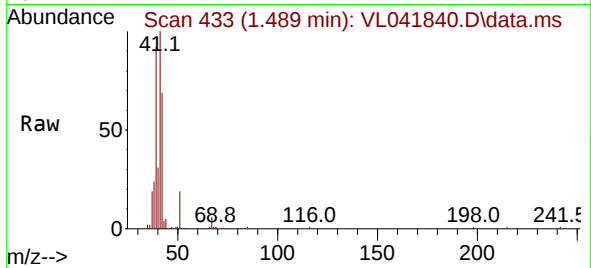




#9
Propene
Concen: 1.019 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

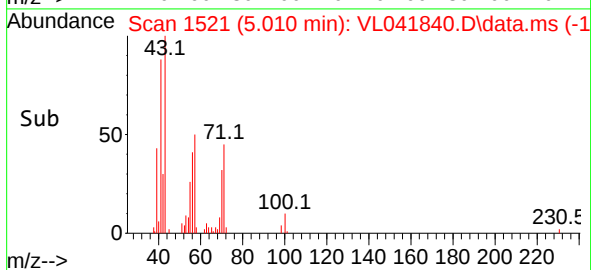
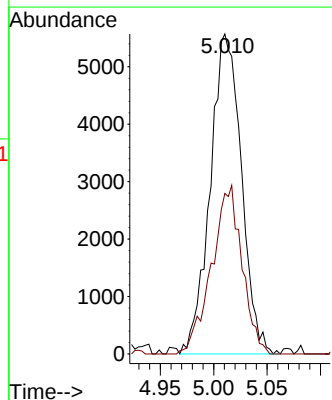
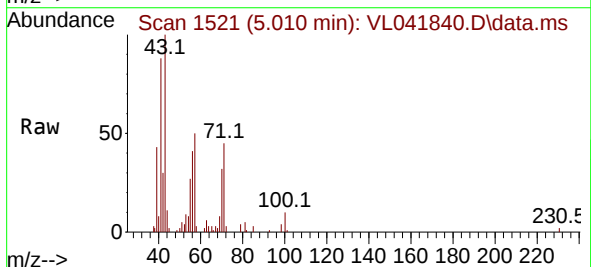
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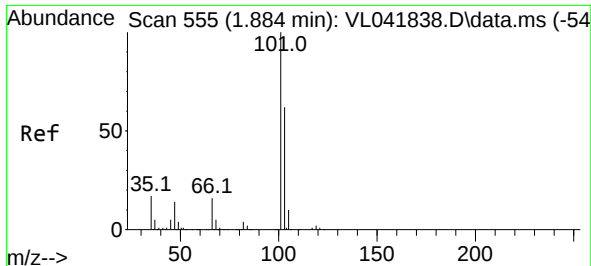
Tgt Ion: 41 Resp: 5371
Ion Ratio Lower Upper
41 100
42 70.7 54.4 81.6



#10
Heptane
Concen: 0.870 ppbv
RT: 5.010 min Scan# 1521
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 11328
Ion Ratio Lower Upper
43 100
57 51.3 37.8 56.6

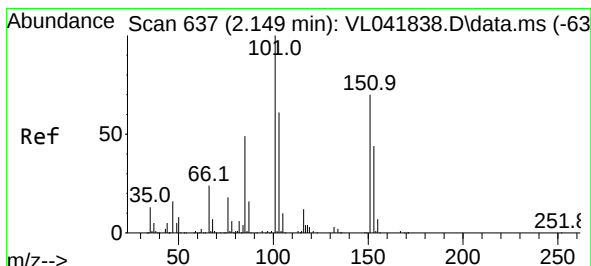
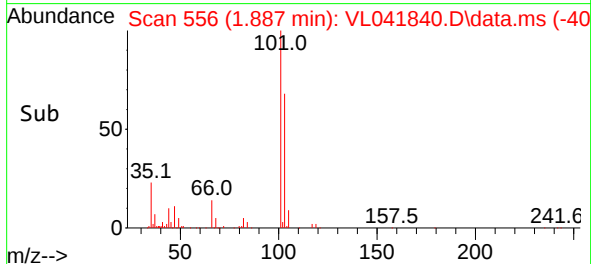
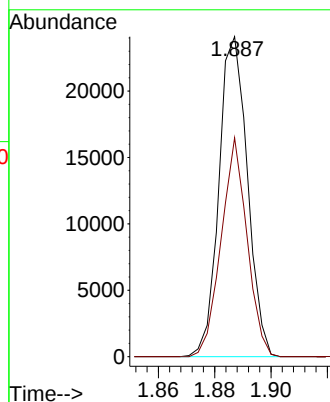
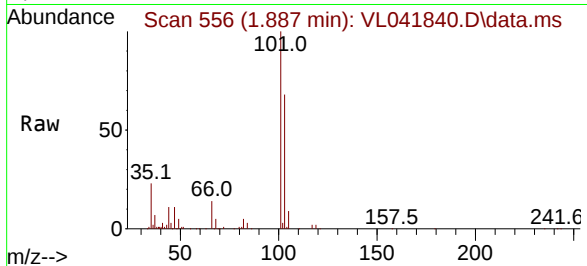




#11
Trichlorofluoromethane
Concen: 1.050 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

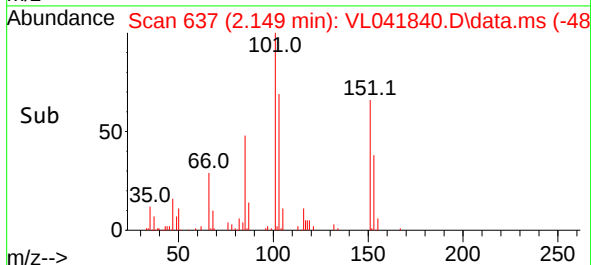
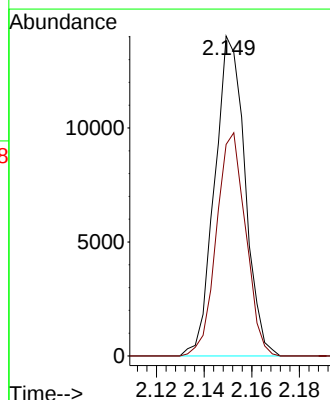
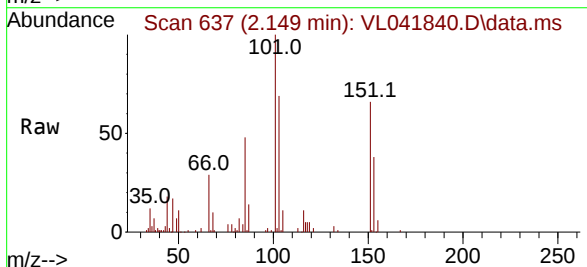
Instrument :
MSVOA_L
ClientSampleId :

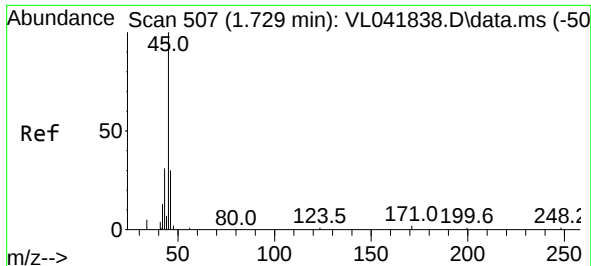
Tgt Ion:101 Resp: 16911
Ion Ratio Lower Upper
101 100
103 68.4 49.4 74.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.000 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion:101 Resp: 12386
Ion Ratio Lower Upper
101 100
151 67.5 53.2 79.8





#13

Ethanol

Concen: 1.598 ppbv

RT: 1.732 min Scan# 507

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

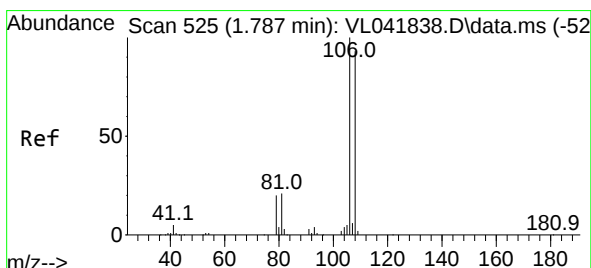
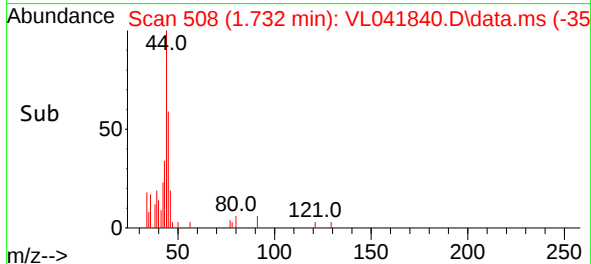
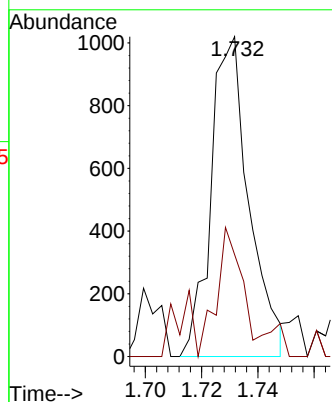
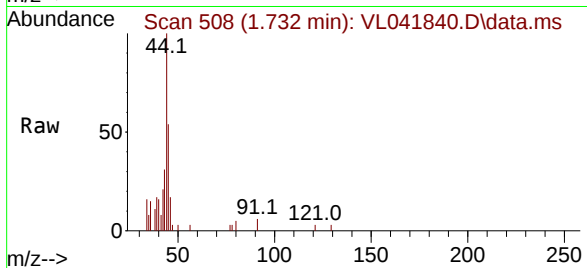
ClientSampleId :

Tgt Ion: 45 Resp: 958

Ion Ratio Lower Upper

45 100

46 42.4 16.1 64.5



#14

Bromoethene

Concen: 1.011 ppbv

RT: 1.790 min Scan# 526

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

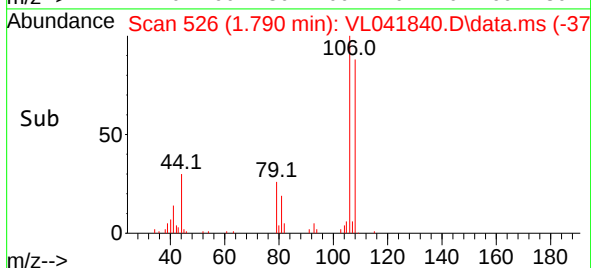
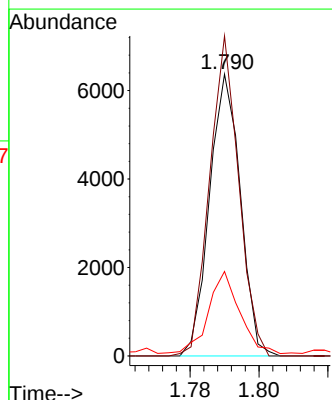
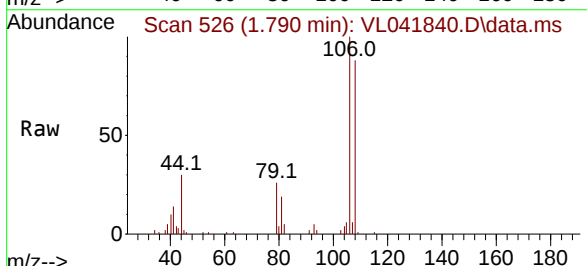
Tgt Ion: 108 Resp: 3972

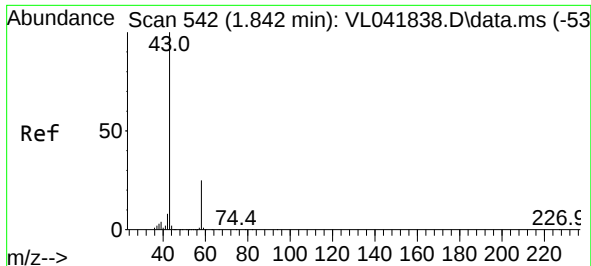
Ion Ratio Lower Upper

108 100

106 106.8 84.6 126.8

79 40.8 18.3 27.5#

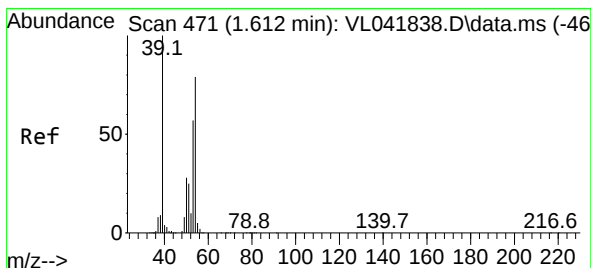
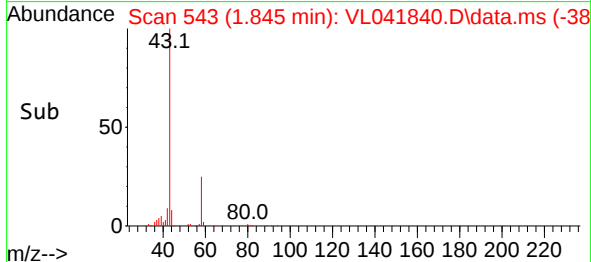
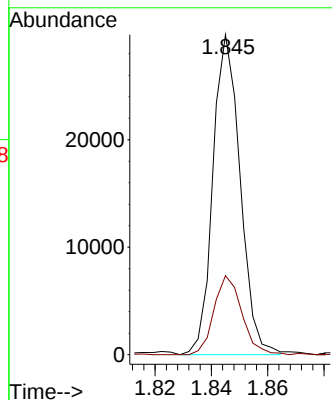
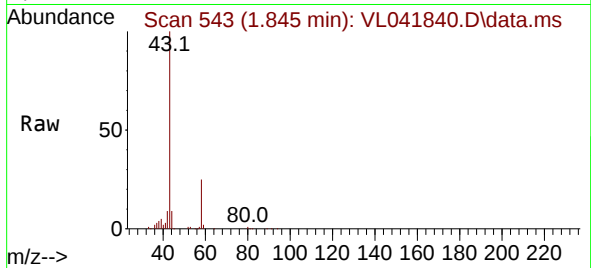




#15
Acetone
Concen: 1.126 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

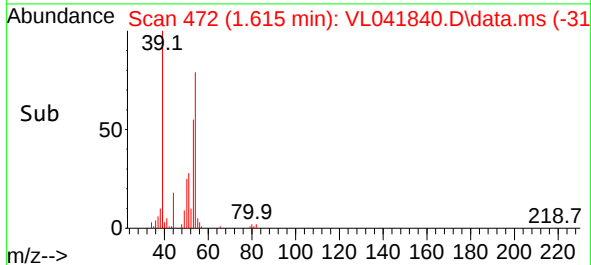
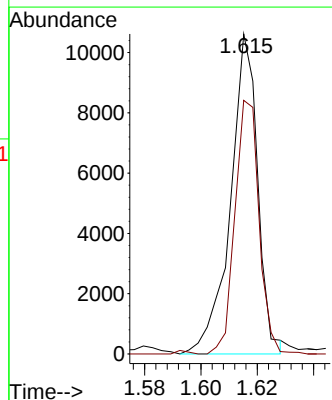
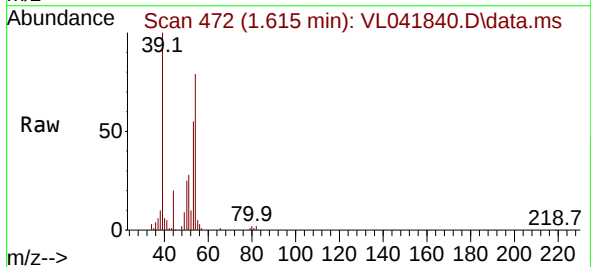
Instrument :
MSVOA_L
ClientSampleId :

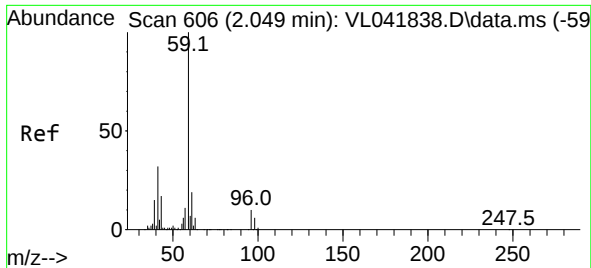
Tgt Ion: 43 Resp: 20021
Ion Ratio Lower Upper
43 100
58 25.7 20.2 30.2



#16
1,3-Butadiene
Concen: 1.022 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 39 Resp: 7124
Ion Ratio Lower Upper
39 100
54 70.8 56.2 84.4





#17

tert-Butyl alcohol

Concen: 1.058 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

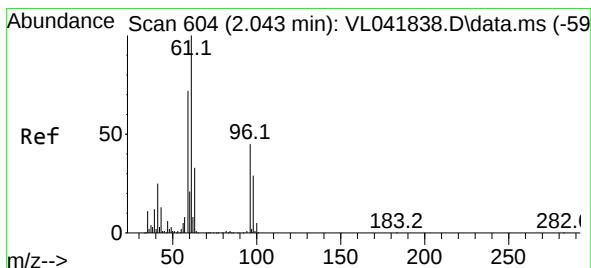
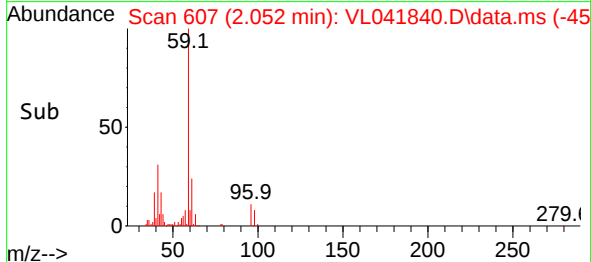
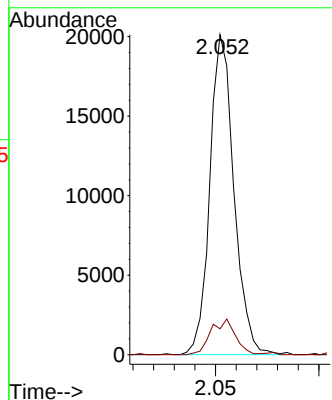
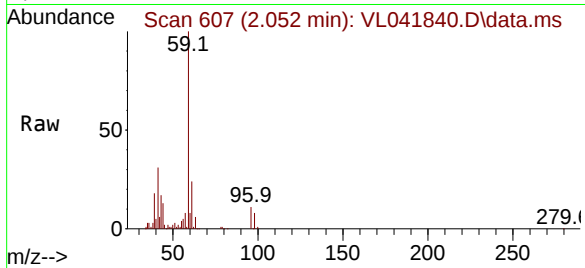
ClientSampleId :

Tgt Ion: 59 Resp: 16296

Ion Ratio Lower Upper

59 100

57 11.6 8.6 13.0



#18

1,1-Dichloroethene

Concen: 1.033 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

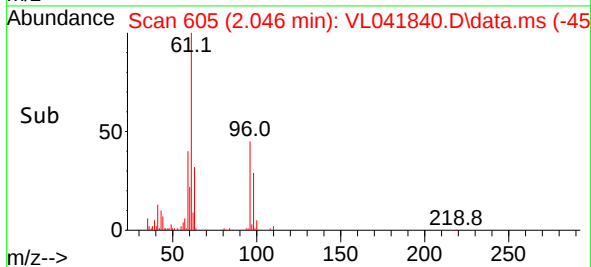
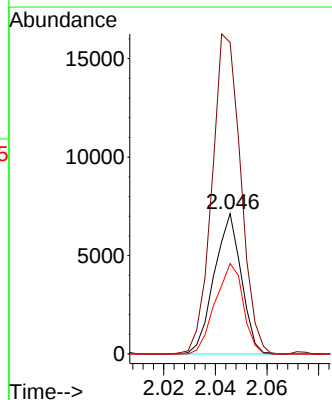
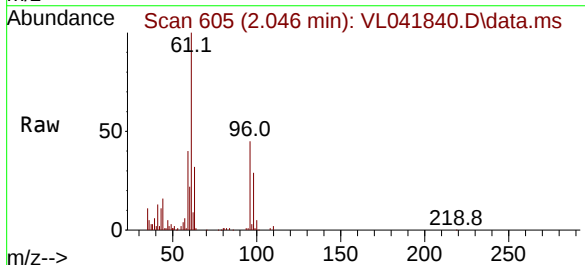
Tgt Ion: 96 Resp: 5187

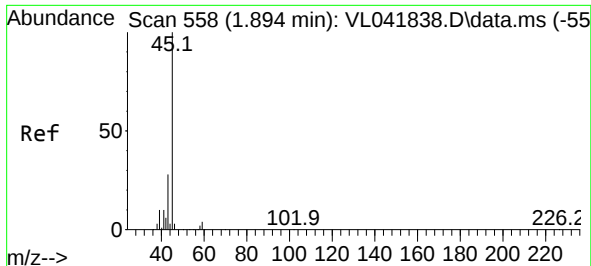
Ion Ratio Lower Upper

96 100

61 222.2 179.2 268.8

98 64.4 51.6 77.4





#19

Isopropyl Alcohol

Concen: 1.089 ppbv

RT: 1.897 min Scan# 5

Delta R.T. 0.003 min

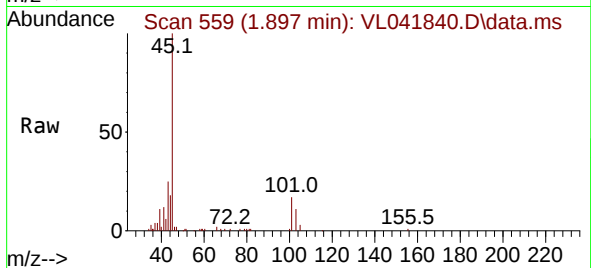
Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

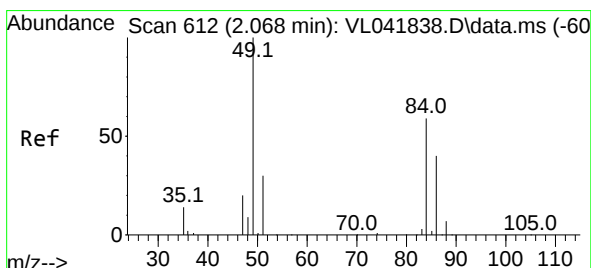
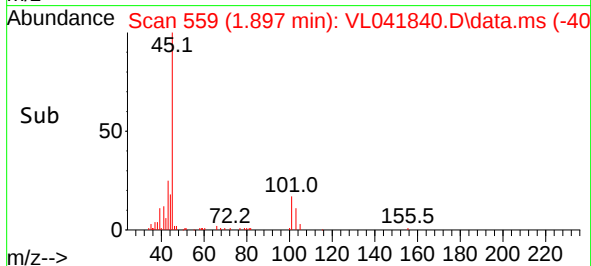
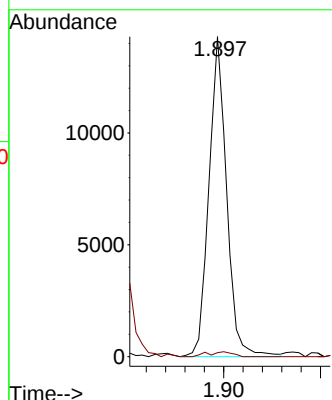


Tgt Ion: 45 Resp: 9089

Ion Ratio Lower Upper

45 100

58 56.5 2.0 3.0#



#20

Methylene Chloride

Concen: 1.090 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Tgt Ion: 84 Resp: 5540

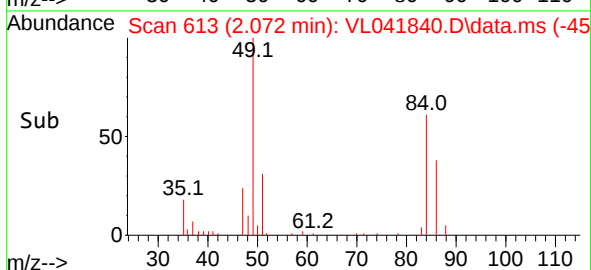
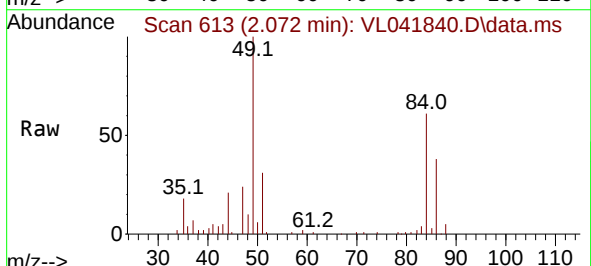
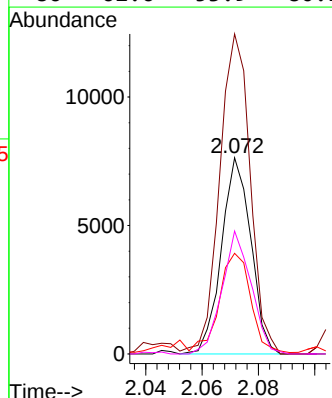
Ion Ratio Lower Upper

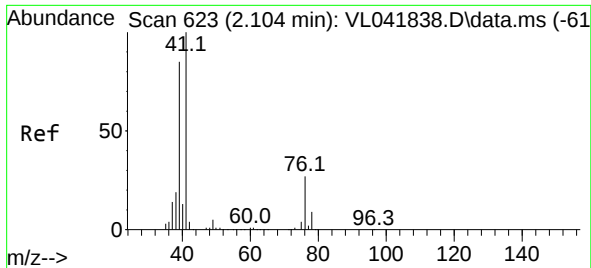
84 100

49 163.1 137.8 206.8

51 50.8 43.9 65.9

86 62.6 53.9 80.9

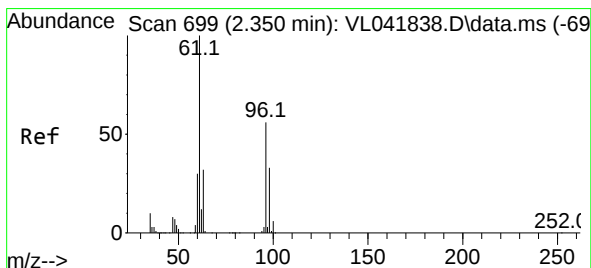
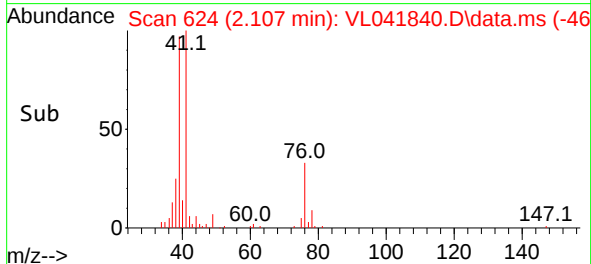
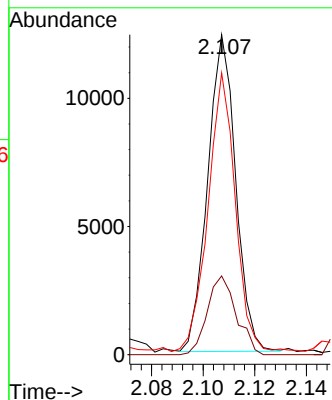
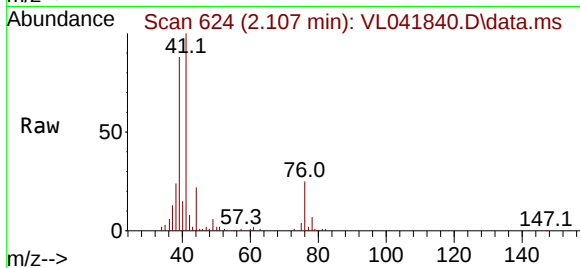




#21
 Allyl Chloride
 Concen: 1.017 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

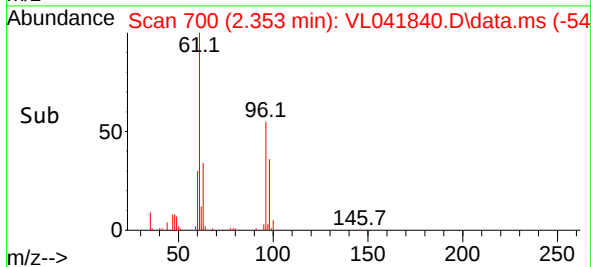
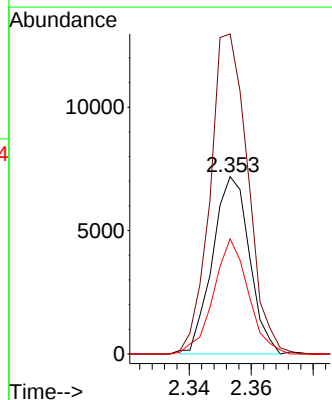
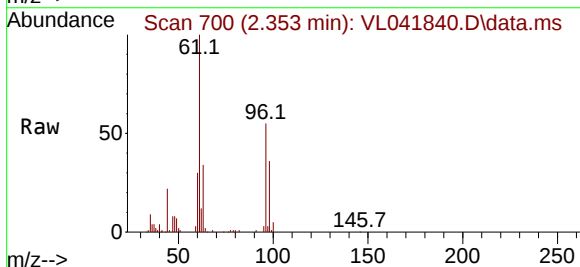
Instrument :
 MSVOA_L
 ClientSampleId :

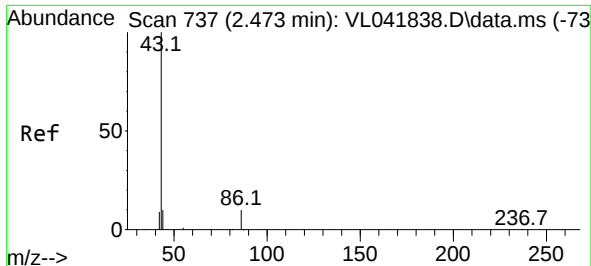
Tgt Ion: 41 Resp: 9314
 Ion Ratio Lower Upper
 41 100
 76 25.7 20.6 31.0
 39 85.6 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 1.057 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion: 96 Resp: 5931
 Ion Ratio Lower Upper
 96 100
 61 178.6 144.0 216.0
 98 64.2 46.9 70.3

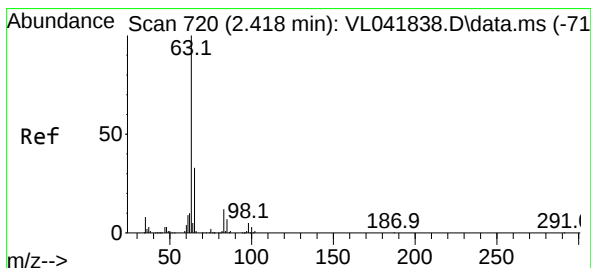
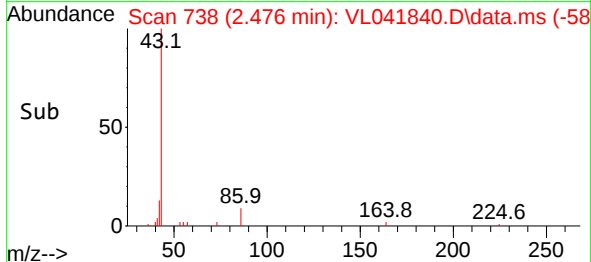
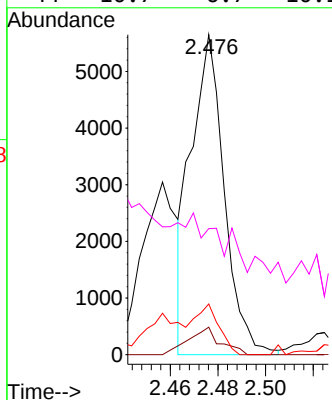
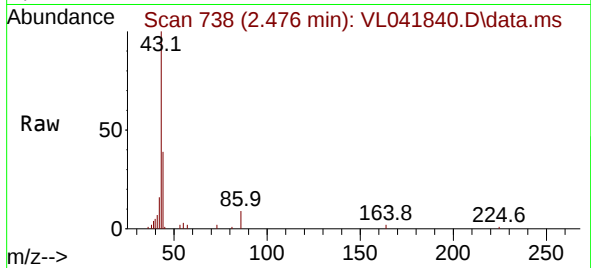




#23
 Vinyl Acetate
 Concen: 0.958 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

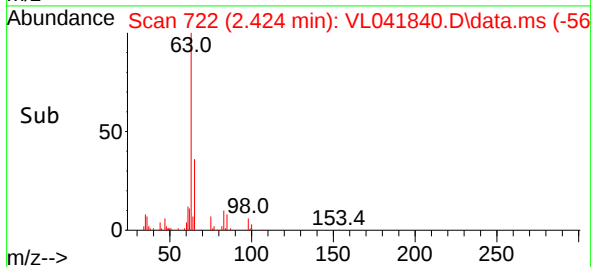
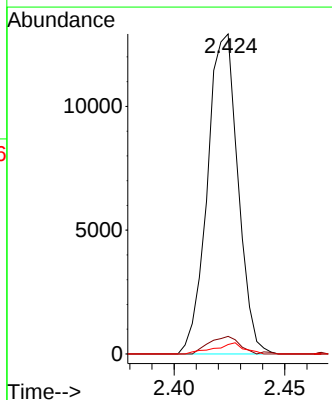
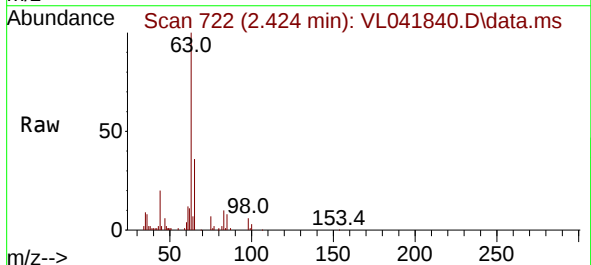
Instrument :
 MSVOA_L
 ClientSampleId :

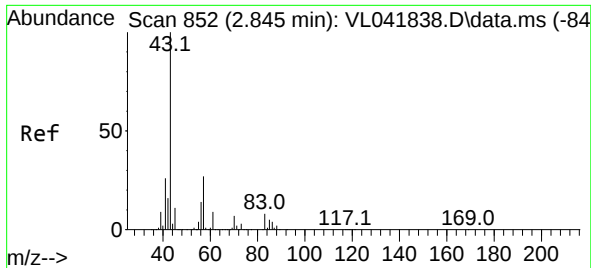
Tgt Ion:	43	Resp:	5463
Ion	Ratio	Lower	Upper
43	100		
86	8.7	6.4	9.6
42	13.0	9.5	14.3
44	10.7	6.7	10.1



#24
 1,1-Dichloroethane
 Concen: 1.009 ppbv
 RT: 2.424 min Scan# 722
 Delta R.T. 0.006 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion:	63	Resp:	12403
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.3	6.9
100	2.9	1.4	4.0

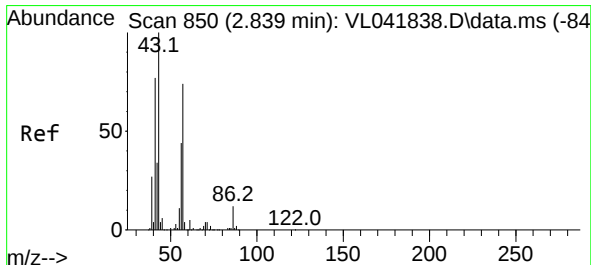
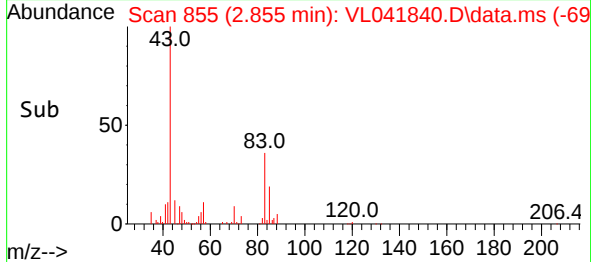
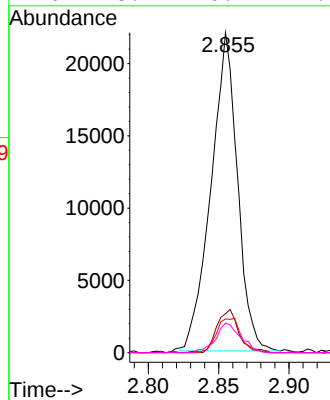
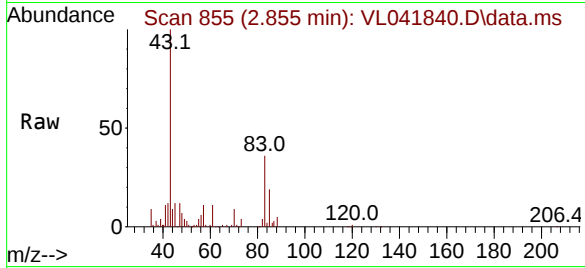




#25
Ethyl Acetate
Concen: 0.967 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.010 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

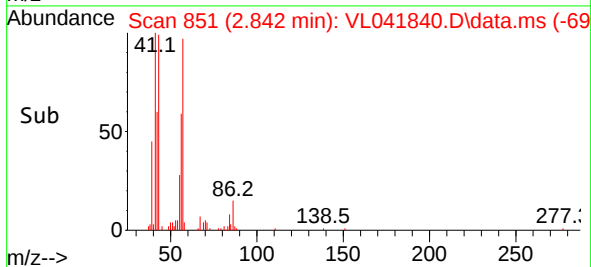
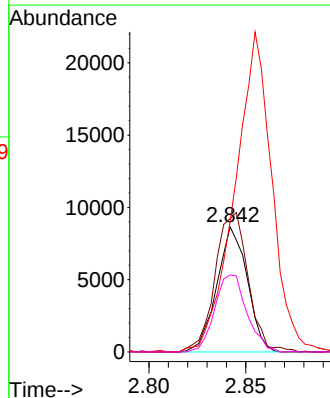
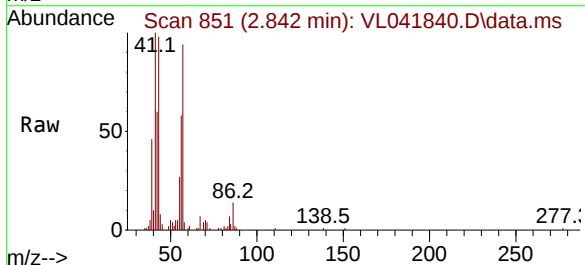
Instrument :
MSVOA_L
ClientSampleId :

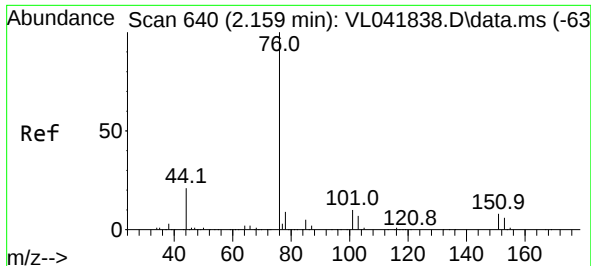
Tgt Ion: 43	Resp: 28818
Ion Ratio	Lower Upper
43 100	
45 11.3	7.8 11.8
61 10.0	7.0 10.6
70 8.7	6.2 9.2



#26
Hexane
Concen: 0.913 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 57	Resp: 9441
Ion Ratio	Lower Upper
57 100	
41 121.7	84.1 126.1
43 313.9	218.4 327.6
56 65.2	45.7 68.5





#27

Carbon Disulfide

Concen: 0.883 ppbv

RT: 2.162 min Scan# 641

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

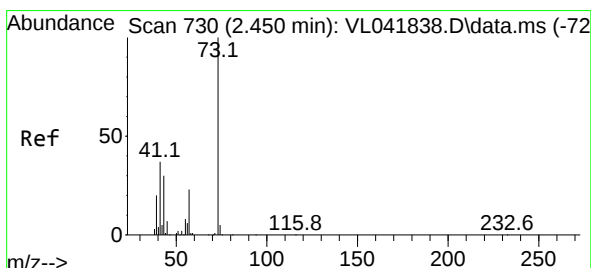
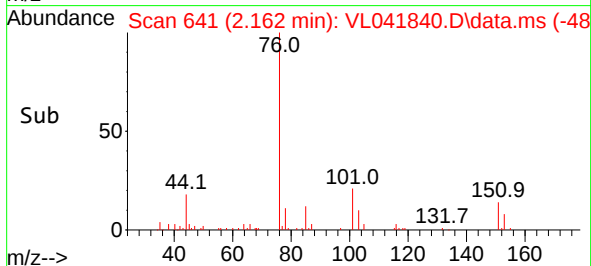
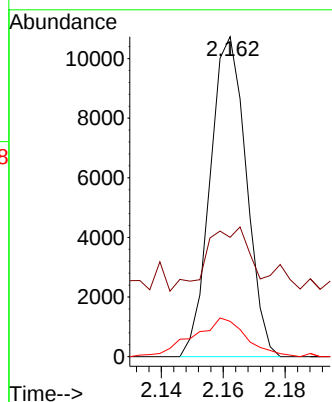
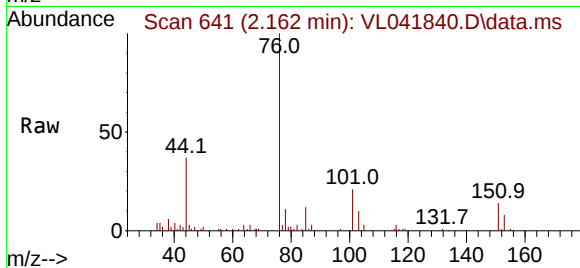
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 8674

Ion	Ratio	Lower	Upper
76	100		
44	57.5	19.8	29.8#
78	18.1	9.8	14.8#



#28

Methyl tert-Butyl Ether

Concen: 1.043 ppbv

RT: 2.453 min Scan# 731

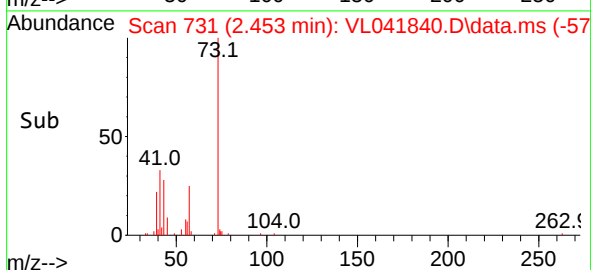
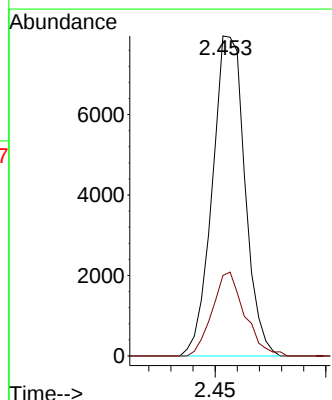
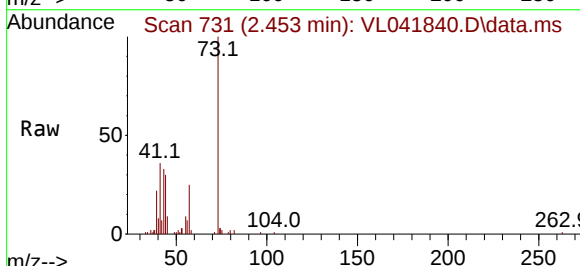
Delta R.T. 0.003 min

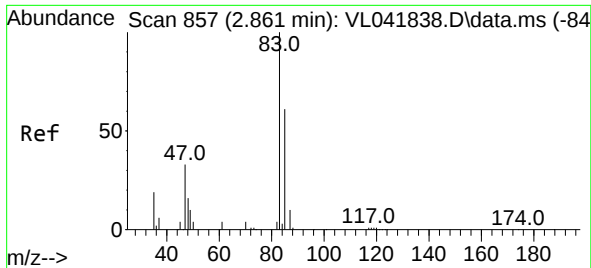
Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Tgt Ion: 73 Resp: 8132

Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.4	27.6

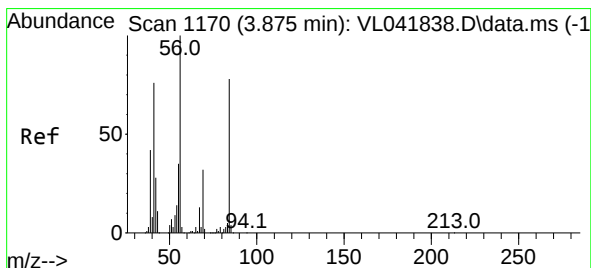
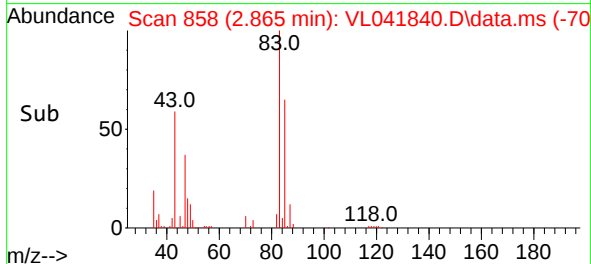
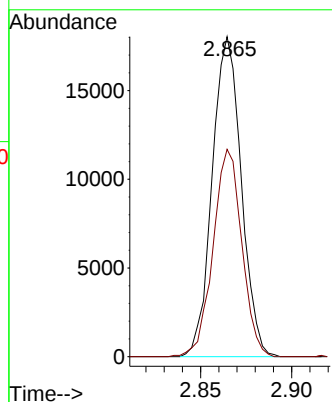
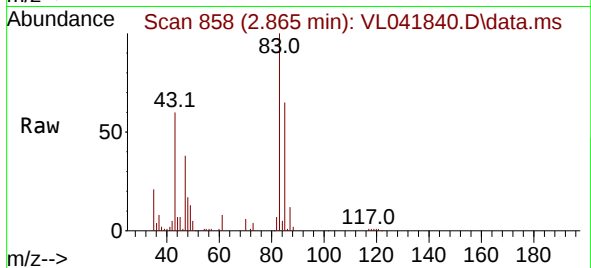




#29
Chloroform
Concen: 1.043 ppbv
RT: 2.865 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

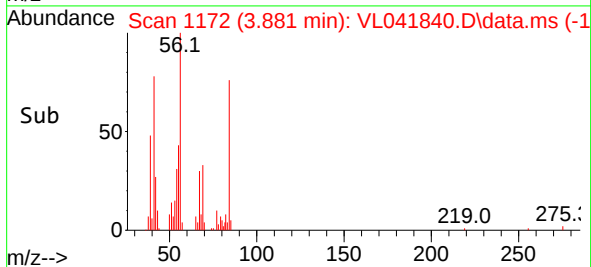
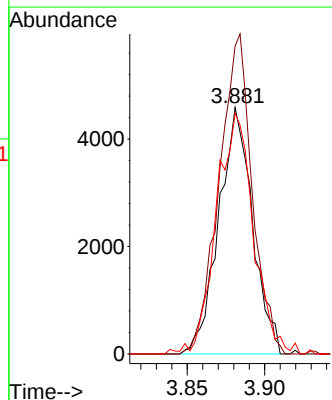
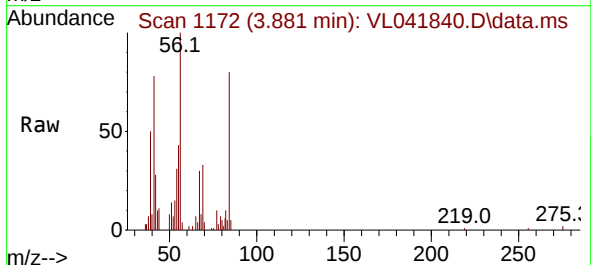
Instrument :
MSVOA_L
ClientSampleId :

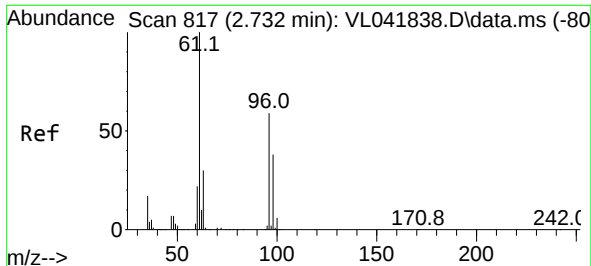
Tgt Ion: 83 Resp: 20041
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4



#30
Cyclohexane
Concen: 0.885 ppbv
RT: 3.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 84 Resp: 6949
Ion Ratio Lower Upper
84 100
56 127.5 105.0 157.6
41 107.8 78.9 118.3

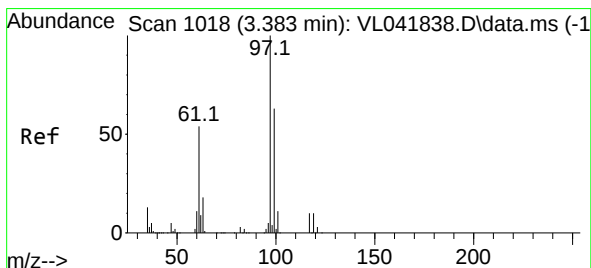
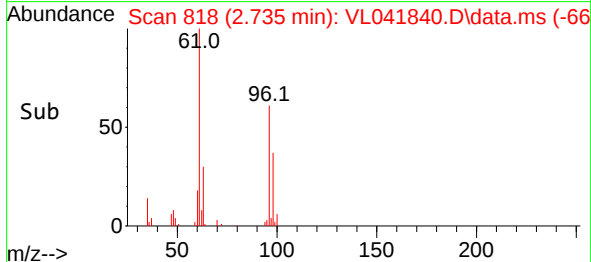
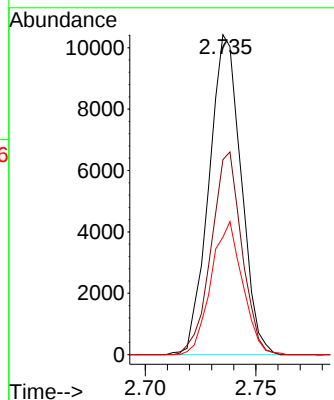
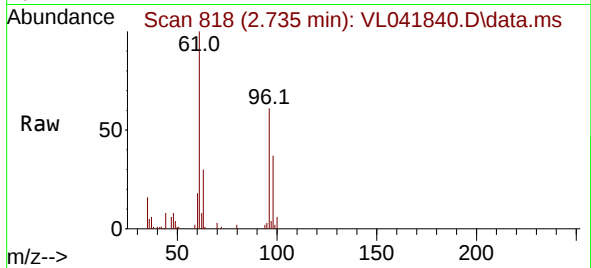




#31
 cis-1,2-Dichloroethene
 Concen: 0.987 ppbv
 RT: 2.735 min Scan# 817
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

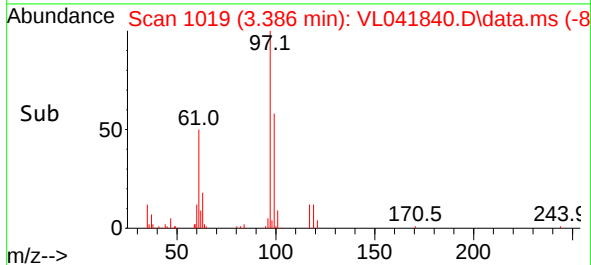
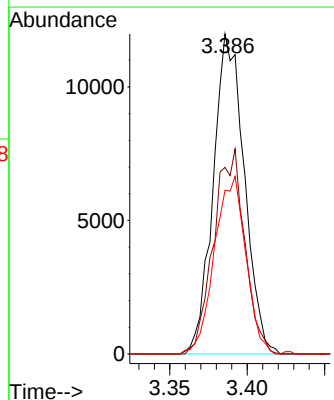
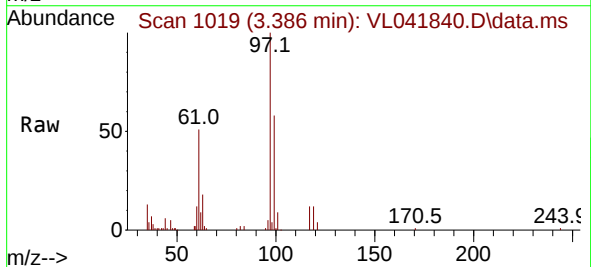
Instrument :
 MSVOA_L
 ClientSampleId :

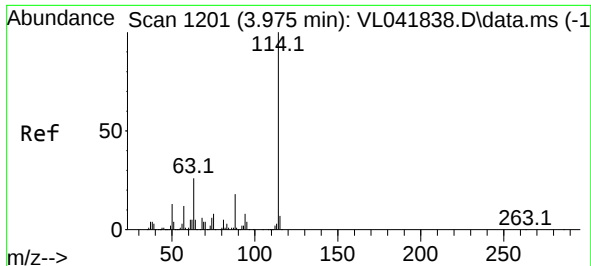
Tgt Ion: 61 Resp: 10514
 Ion Ratio Lower Upper
 61 100
 96 61.0 47.6 71.4
 98 36.7 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 0.960 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion: 97 Resp: 16717
 Ion Ratio Lower Upper
 97 100
 99 63.9 50.6 76.0
 61 56.2 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

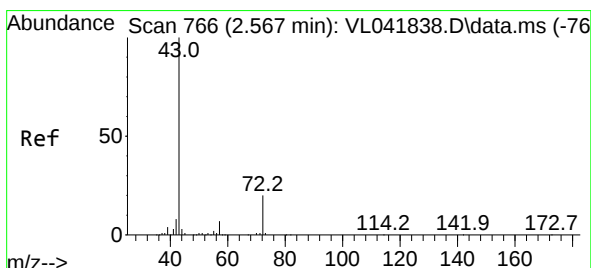
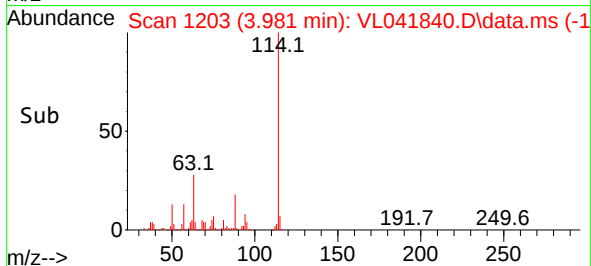
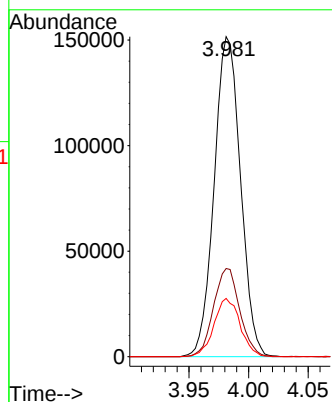
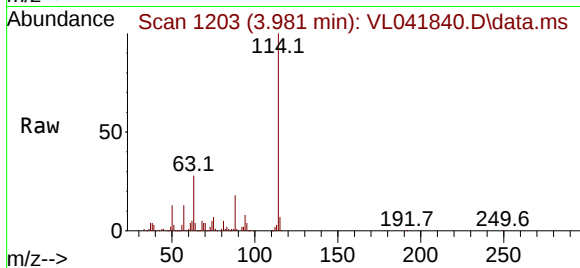
Tgt Ion:114 Resp: 232532

Ion Ratio Lower Upper

114 100

63 27.4 22.3 33.5

88 18.1 14.9 22.3



#34

2-Butanone

Concen: 0.975 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.006 min

Lab File: VL041840.D

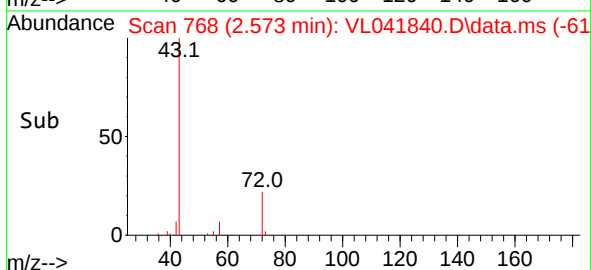
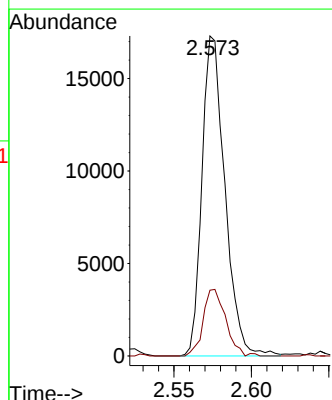
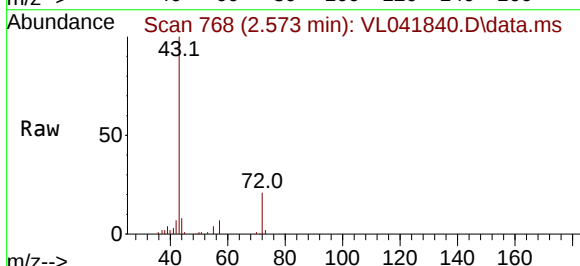
Acq: 07 Jan 2025 10:21

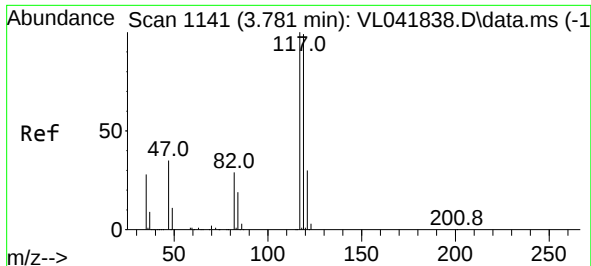
Tgt Ion: 43 Resp: 17859

Ion Ratio Lower Upper

43 100

72 20.4 16.6 25.0

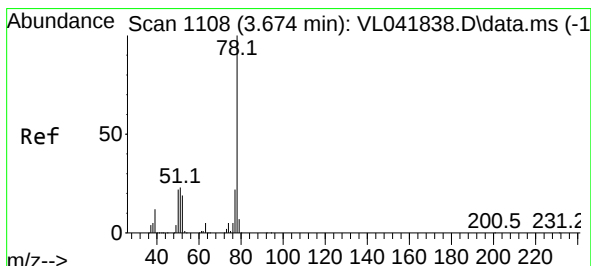
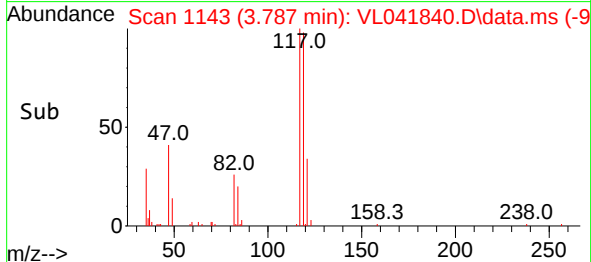
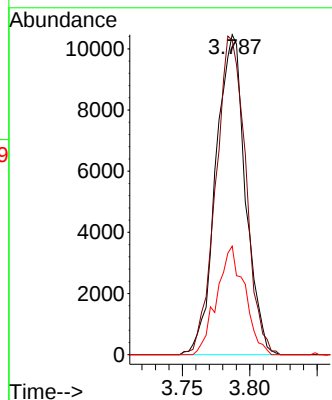
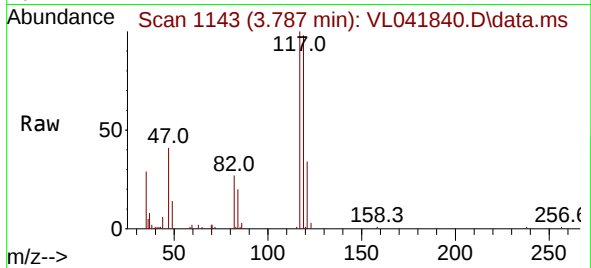




#35
Carbon Tetrachloride
Concen: 0.907 ppbv
RT: 3.787 min Scan# 1141
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

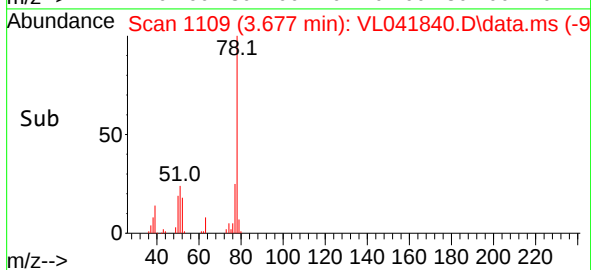
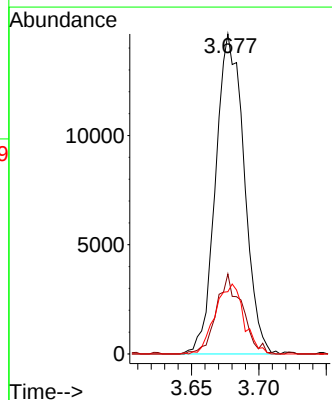
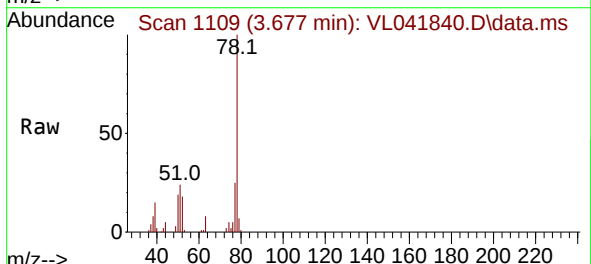
Instrument :
MSVOA_L
ClientSampleId :

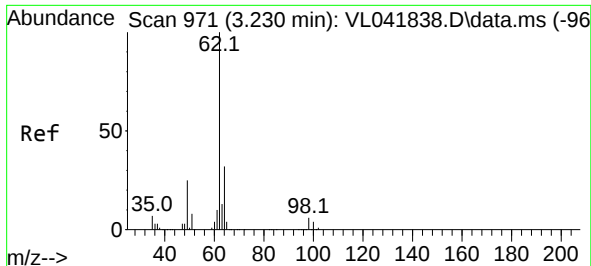
Tgt Ion:117 Resp: 15937
Ion Ratio Lower Upper
117 100
119 98.3 79.1 118.7
121 33.9 24.2 36.2



#36
Benzene
Concen: 0.968 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 78 Resp: 21504
Ion Ratio Lower Upper
78 100
77 25.0 17.4 26.0
50 19.4 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.980 ppbv

RT: 3.237 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

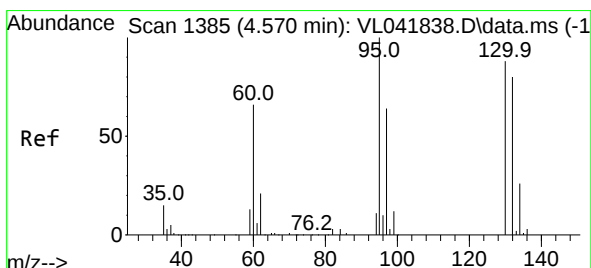
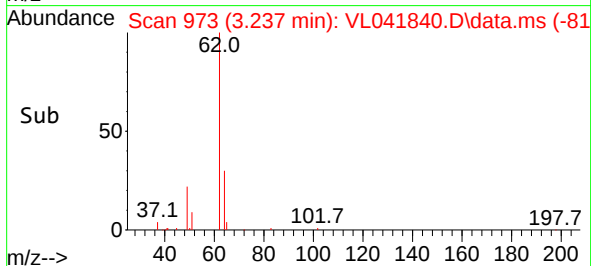
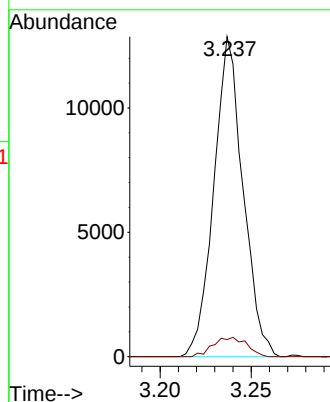
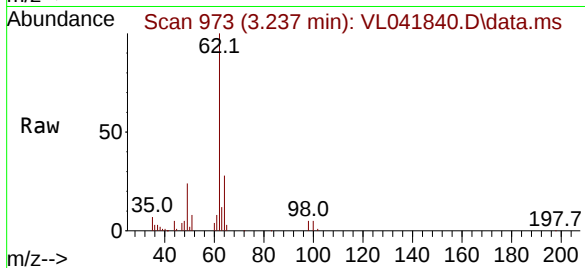
ClientSampleId :

Tgt Ion: 62 Resp: 14318

Ion Ratio Lower Upper

62 100

98 7.0 4.8 7.2



#38

Trichloroethene

Concen: 0.515 ppbv

RT: 4.573 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Tgt Ion:130 Resp: 4481

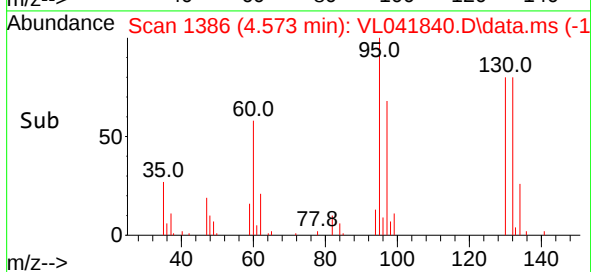
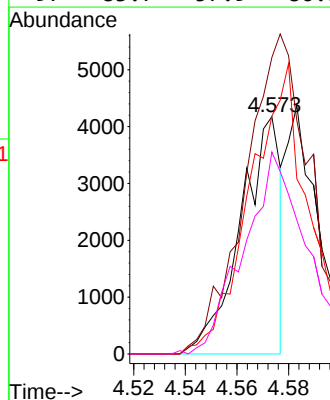
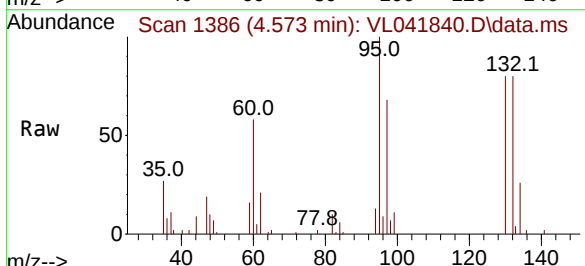
Ion Ratio Lower Upper

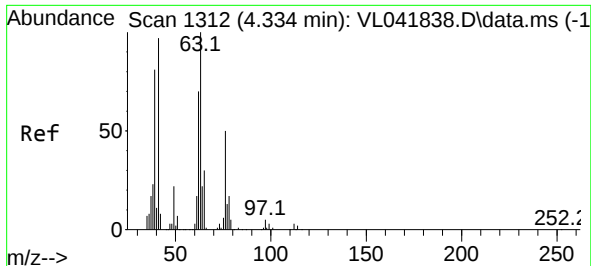
130 100

95 125.0 90.1 135.1

132 100.3 71.8 107.8

97 83.7 57.9 86.9





#39

1,2-Dichloropropane

Concen: 0.460 ppbv

RT: 4.344 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

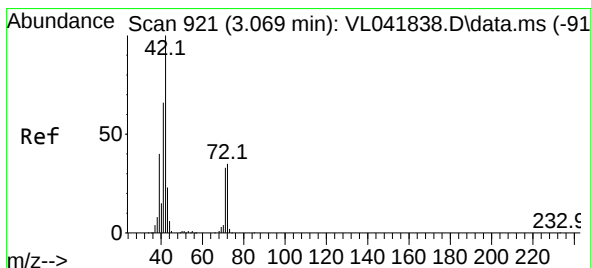
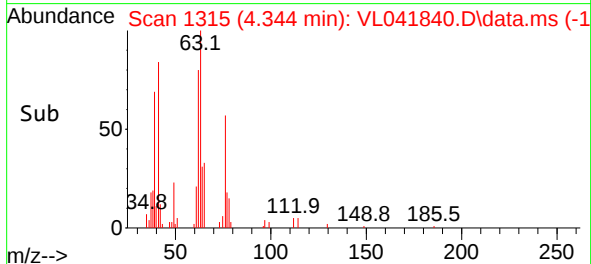
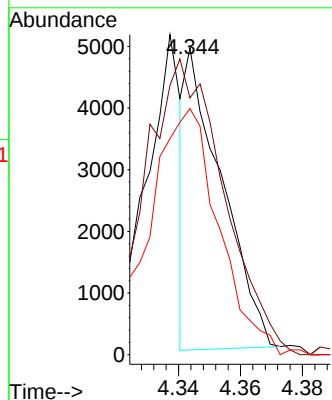
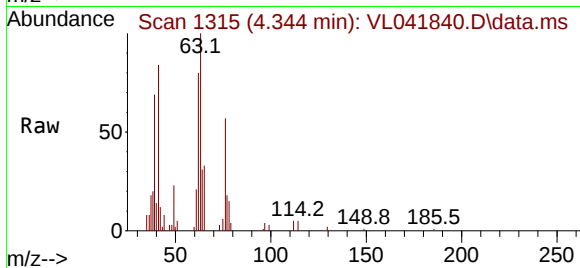
Tgt Ion: 63 Resp: 3955

Ion Ratio Lower Upper

63 100

41 82.4 77.7 116.5

62 83.4 56.2 84.2



#41

Tetrahydrofuran

Concen: 0.868 ppbv

RT: 3.081 min Scan# 925

Delta R.T. 0.013 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

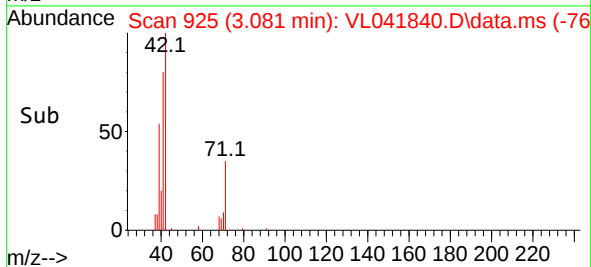
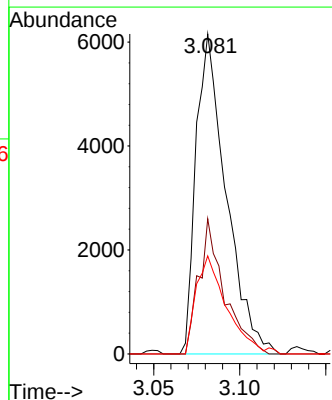
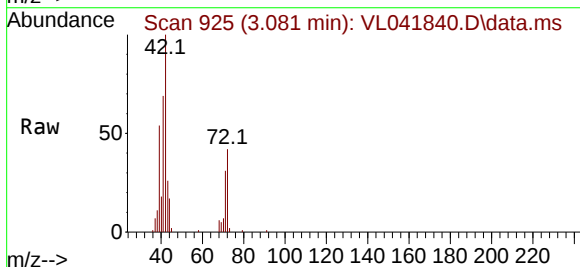
Tgt Ion: 42 Resp: 7497

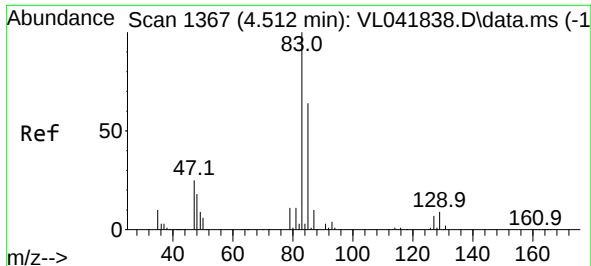
Ion Ratio Lower Upper

42 100

72 35.8 27.9 41.9

71 31.2 26.5 39.7

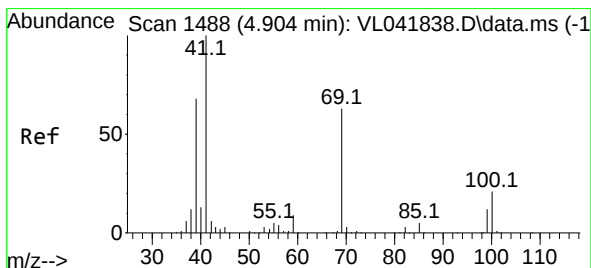
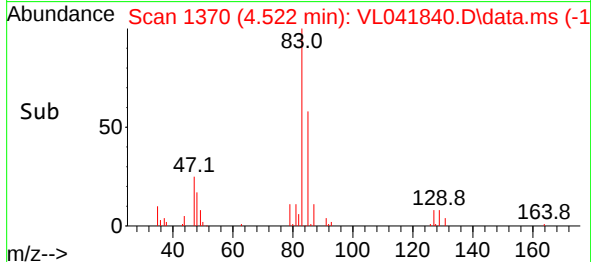
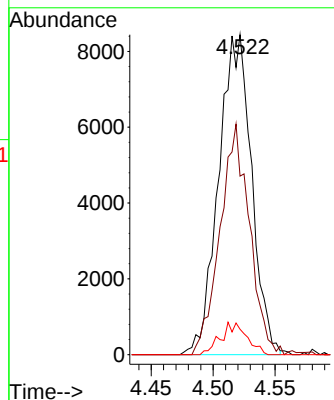
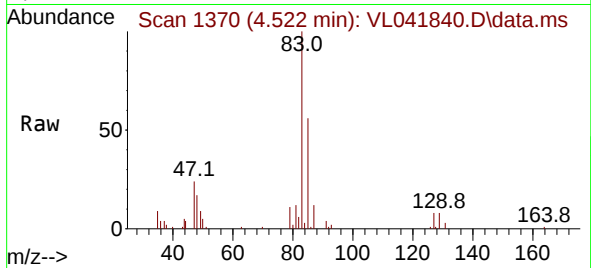




#42
Bromodichloromethane
Concen: 0.913 ppbv
RT: 4.522 min Scan# 1487
Delta R.T. 0.010 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

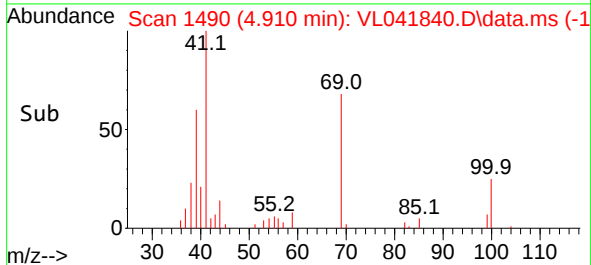
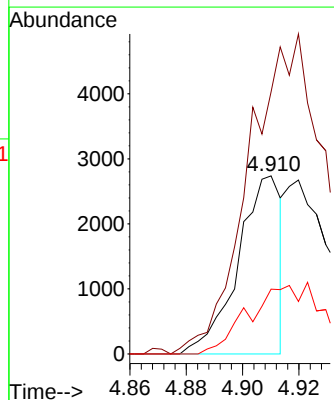
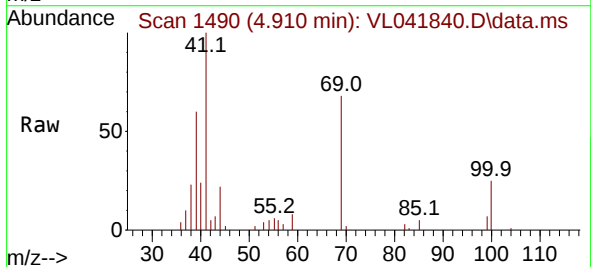
Instrument :
MSVOA_L
ClientSampleId :

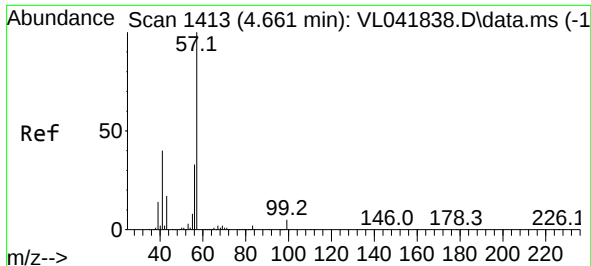
Tgt Ion: 83 Resp: 15637
Ion Ratio Lower Upper
83 100
85 55.8 51.3 76.9
127 8.9 5.6 8.4#



#43
Methyl Methacrylate
Concen: 0.417 ppbv
RT: 4.910 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 69 Resp: 2911
Ion Ratio Lower Upper
69 100
41 0.0 132.3 198.5#
100 0.0 28.2 42.4#





#44

2,2,4-Trimethylpentane

Concen: 0.899 ppbv

RT: 4.677 min Scan# 1418

Delta R.T. 0.016 min

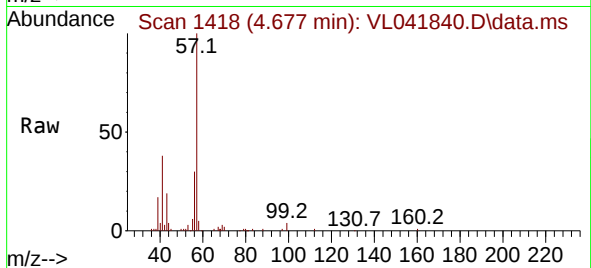
Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :



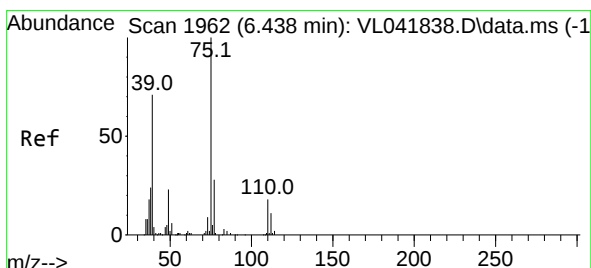
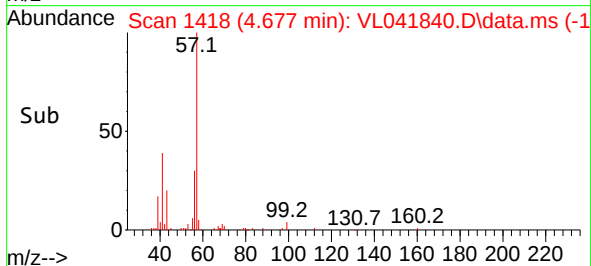
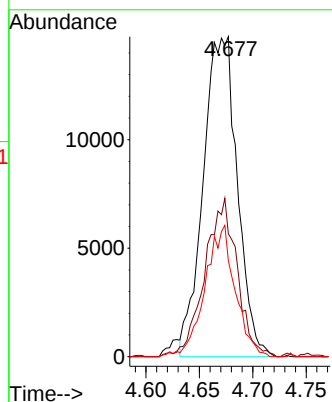
Tgt Ion: 57 Resp: 32898

Ion Ratio Lower Upper

57 100

41 46.9 31.4 47.2

56 36.2 26.6 39.8



#45

t-1,3-Dichloropropene

Concen: 0.808 ppbv

RT: 6.451 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VL041840.D

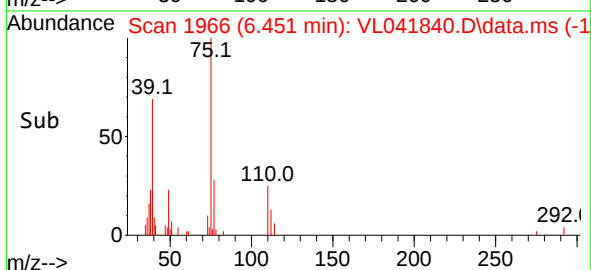
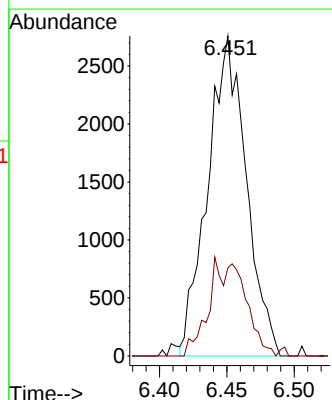
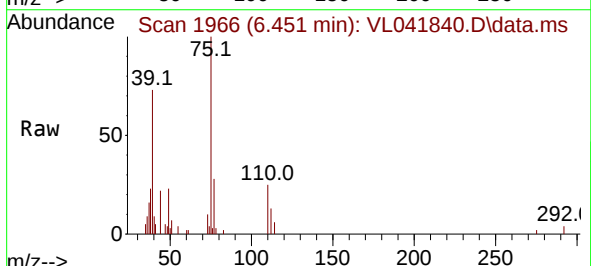
Acq: 07 Jan 2025 10:21

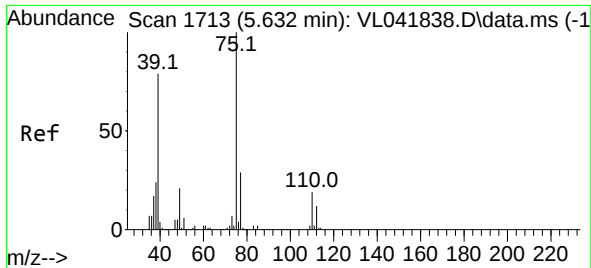
Tgt Ion: 75 Resp: 5502

Ion Ratio Lower Upper

75 100

77 27.5 22.2 33.4

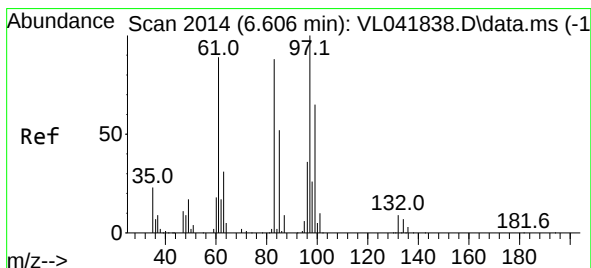
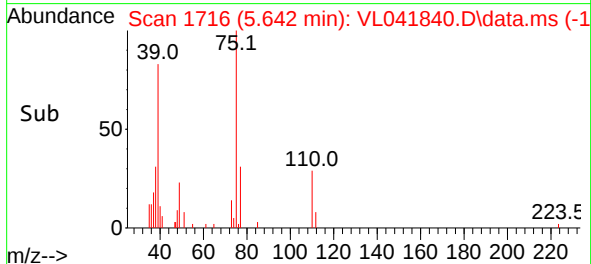
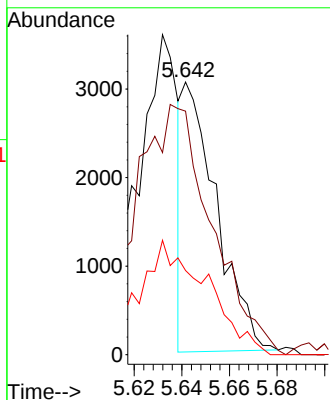
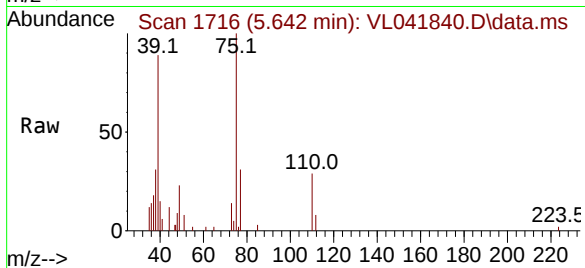




#46
 cis-1,3-Dichloropropene
 Concen: 0.336 ppbv
 RT: 5.642 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

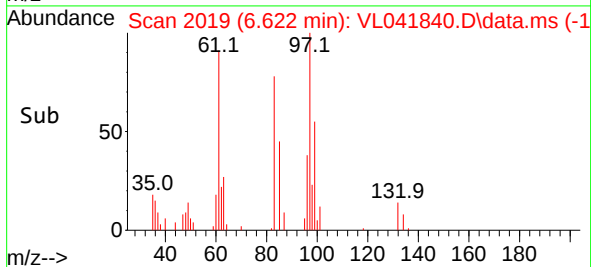
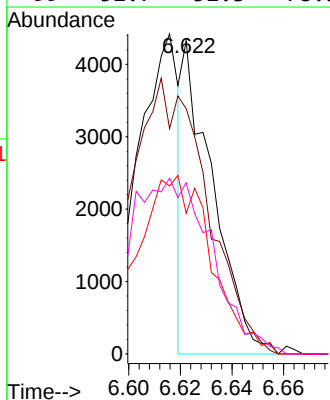
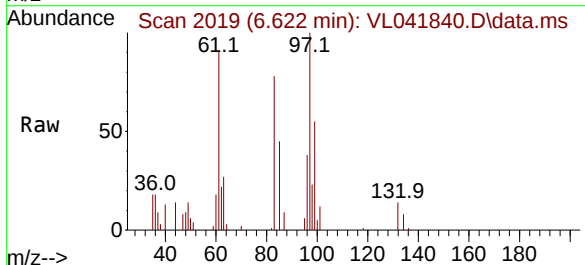
Instrument :
 MSVOA_L
 ClientSampleId :

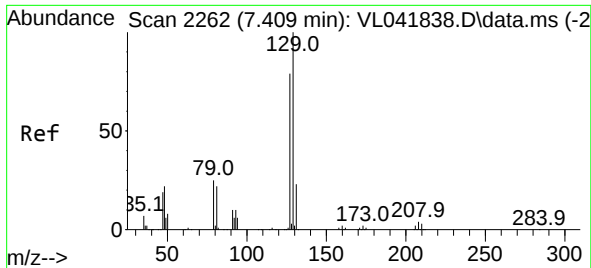
Tgt Ion:	75	Resp:	3006
Ion	Ratio	Lower	Upper
75	100		
39	89.3	63.3	94.9
77	31.4	23.5	35.3



#47
 1,1,2-Trichloroethane
 Concen: 0.384 ppbv
 RT: 6.622 min Scan# 2019
 Delta R.T. 0.016 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion:	97	Resp:	3492
Ion	Ratio	Lower	Upper
97	100		
83	78.4	70.3	105.5
85	44.9	41.5	62.3
99	52.7	52.3	78.5

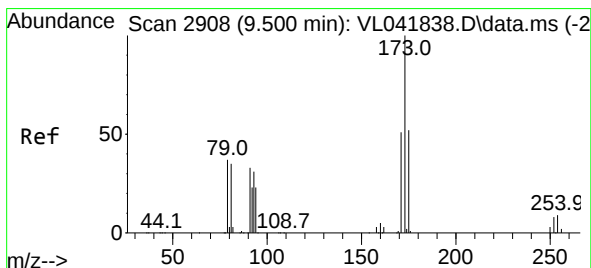
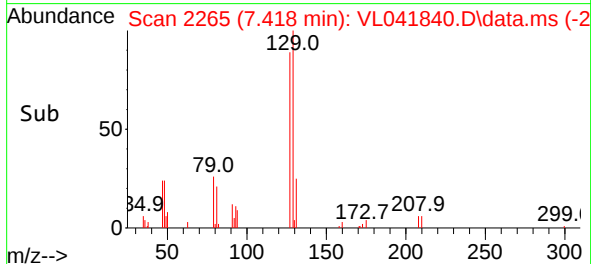
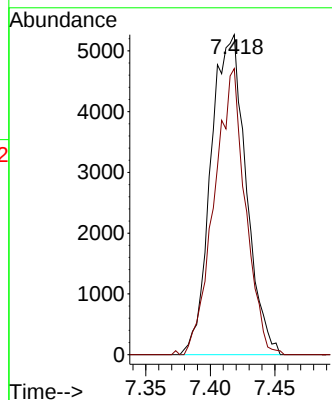
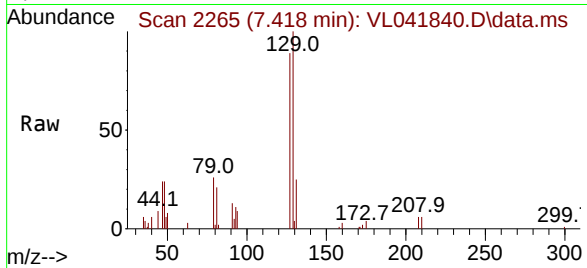




#48
 Dibromochloromethane
 Concen: 0.862 ppbv
 RT: 7.418 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

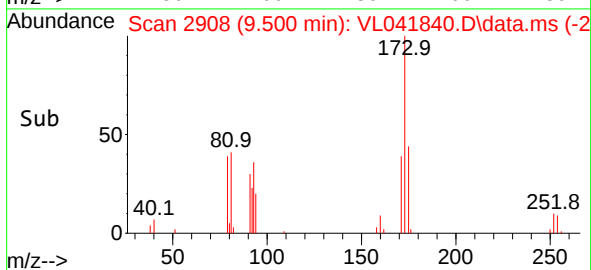
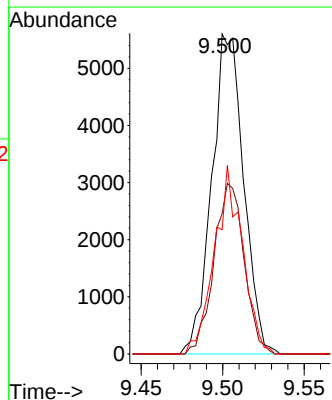
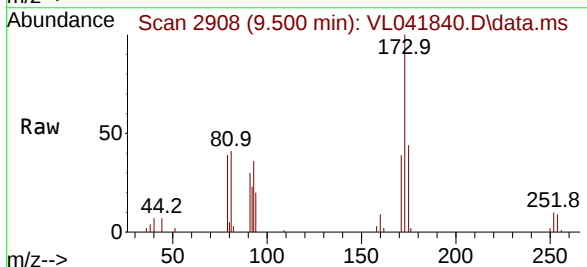
Instrument :
 MSVOA_L
 ClientSampleId :

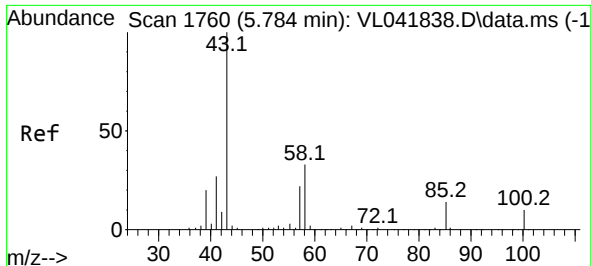
Tgt Ion:129 Resp: 9977
 Ion Ratio Lower Upper
 129 100
 127 79.4 38.7 116.1



#49
 Bromoform
 Concen: 0.822 ppbv
 RT: 9.500 min Scan# 2908
 Delta R.T. -0.000 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion:173 Resp: 7621
 Ion Ratio Lower Upper
 173 100
 175 50.4 39.5 59.3
 171 51.6 41.5 62.3





#50

4-Methyl-2-Pentanone

Concen: 0.613 ppbv

RT: 5.803 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

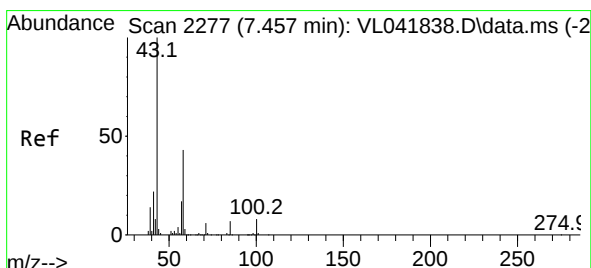
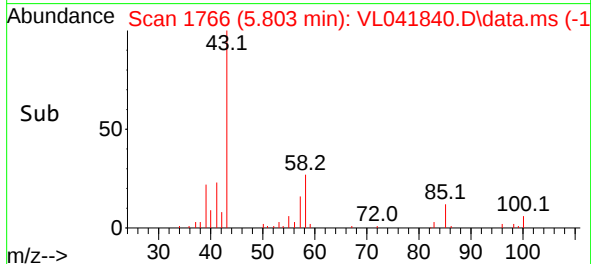
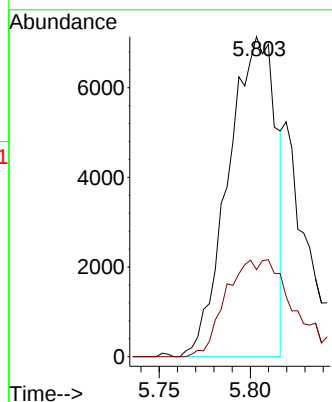
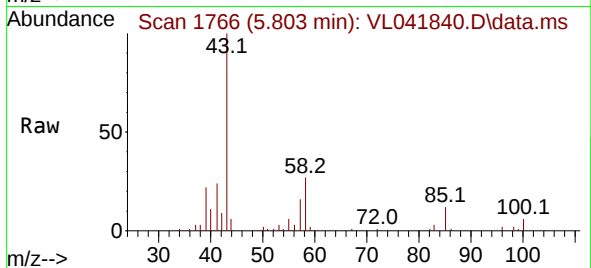
ClientSampleId :

Tgt Ion: 43 Resp: 12983

Ion Ratio Lower Upper

43 100

58 43.7 25.7 38.5#



#51

2-Hexanone

Concen: 0.738 ppbv

RT: 7.477 min Scan# 2283

Delta R.T. 0.019 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

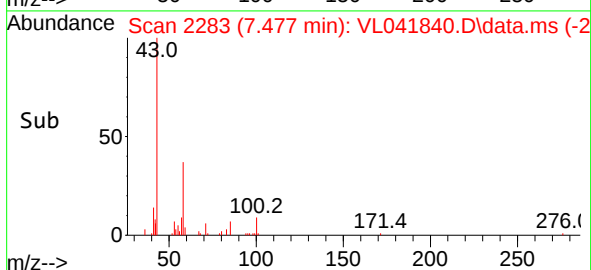
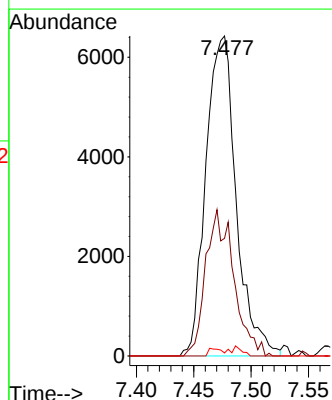
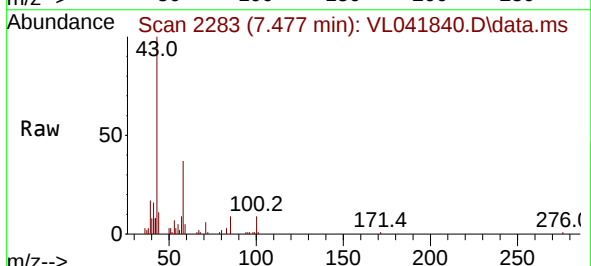
Tgt Ion: 43 Resp: 11832

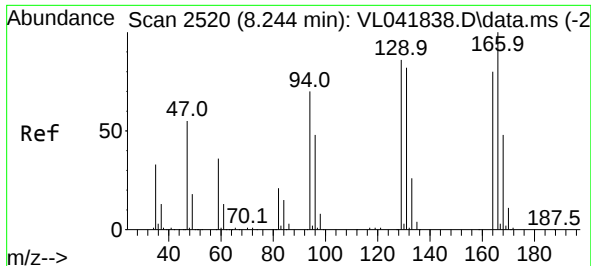
Ion Ratio Lower Upper

43 100

58 42.3 33.8 50.8

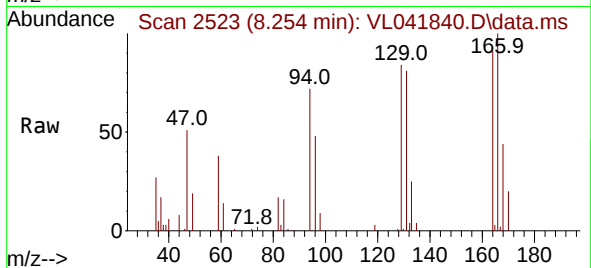
98 2.1 0.7 1.1#





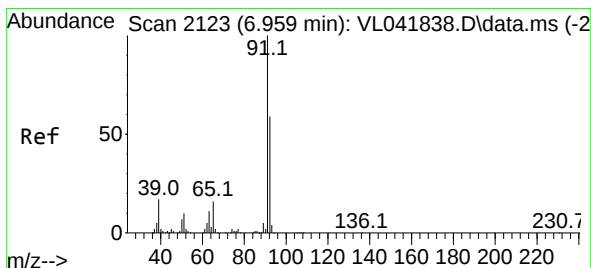
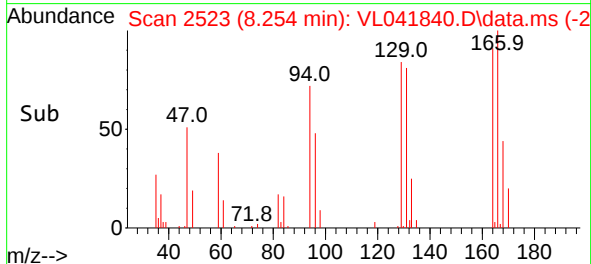
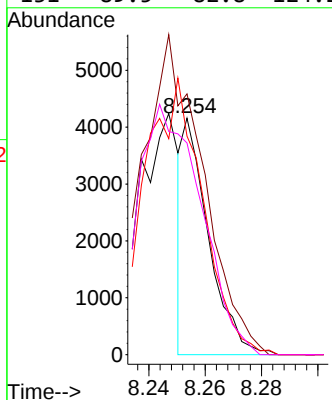
#52
Tetrachloroethene
Concen: 0.397 ppbv
RT: 8.254 min Scan# 2127
Delta R.T. 0.010 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:164 Resp: 2617

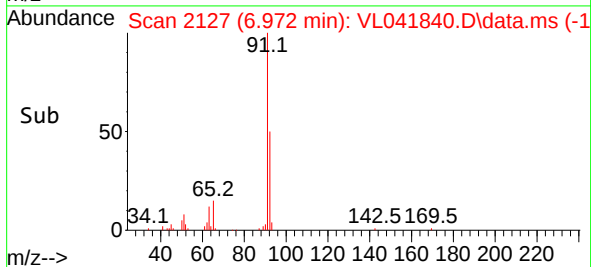
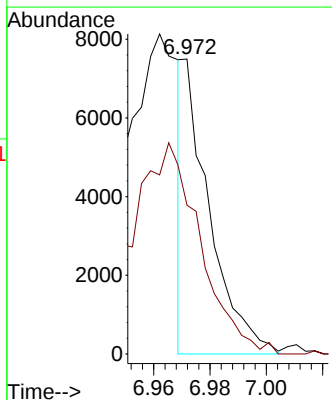
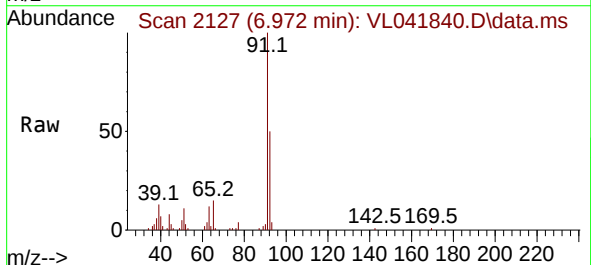
Ion	Ratio	Lower	Upper
164	100		
166	110.3	100.4	150.6
129	92.4	85.9	128.9
131	89.5	82.8	124.2

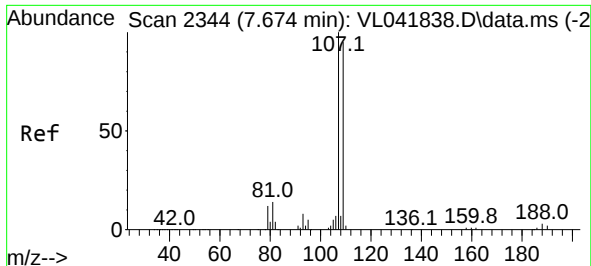


#53
Toluene
Concen: 0.247 ppbv
RT: 6.972 min Scan# 2127
Delta R.T. 0.013 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 91 Resp: 4888

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.8	71.6#





#54

1,2-Dibromoethane

Concen: 0.963 ppbv

RT: 7.681 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

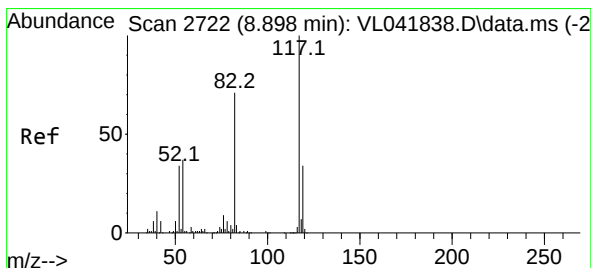
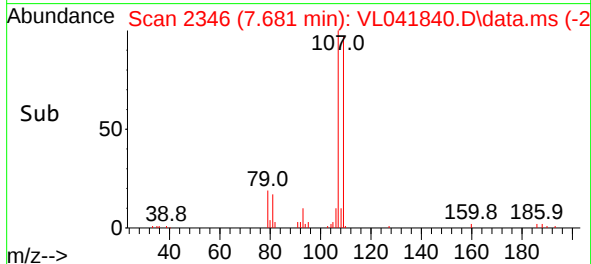
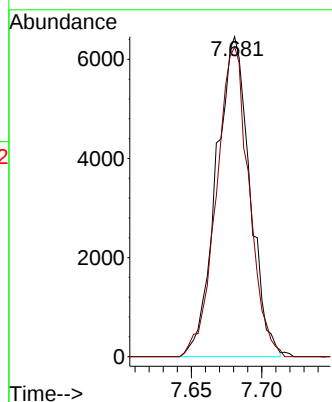
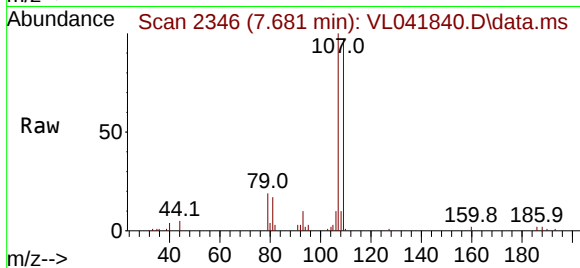
ClientSampleId :

Tgt Ion:107 Resp: 10719

Ion Ratio Lower Upper

107 100

109 96.9 75.9 113.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 2724

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

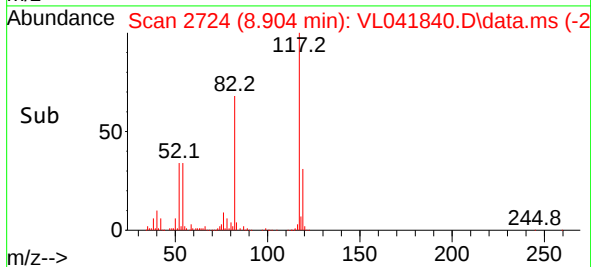
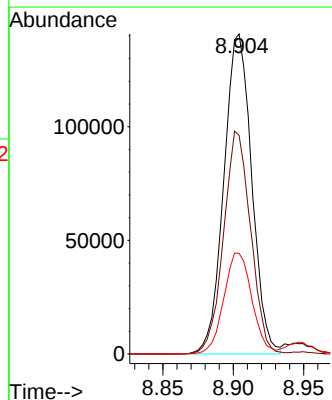
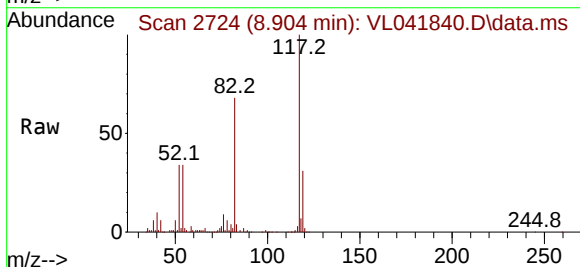
Tgt Ion:117 Resp: 194086

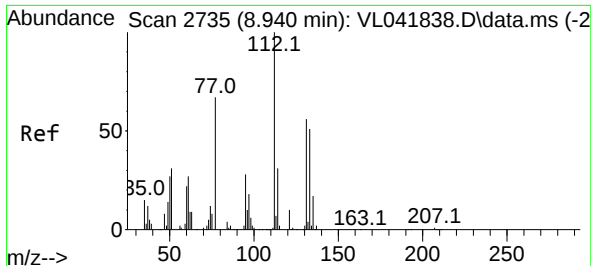
Ion Ratio Lower Upper

117 100

82 68.2 59.1 88.7

119 32.4 27.3 40.9

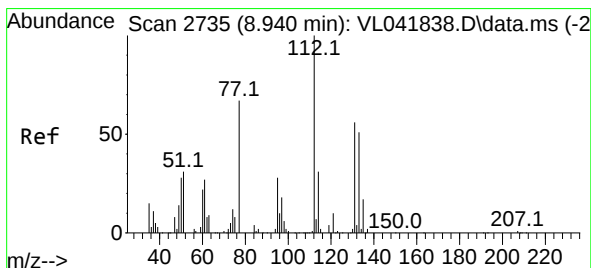
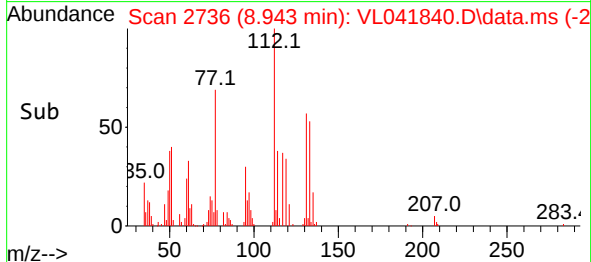
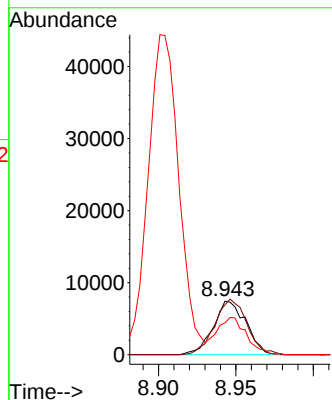
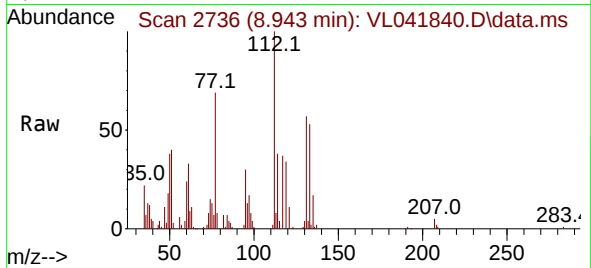




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.989 ppbv
 RT: 8.943 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

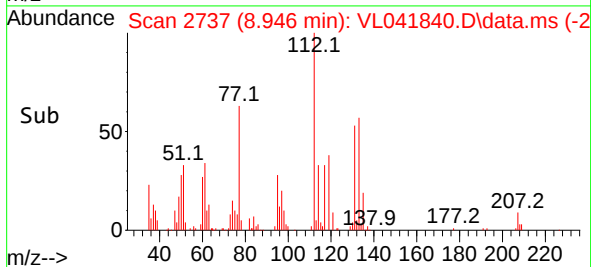
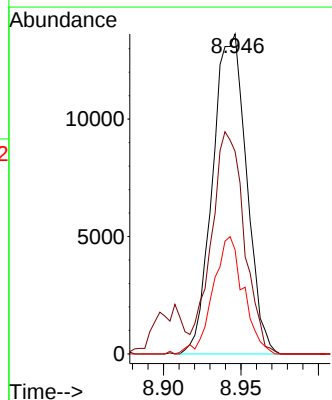
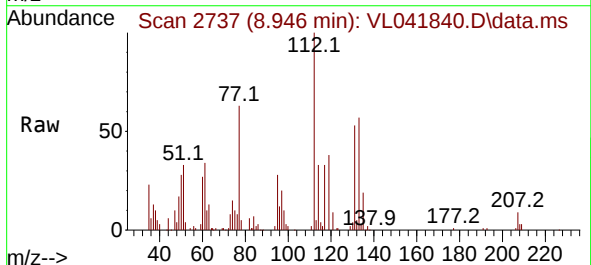
Instrument :
 MSVOA_L
 ClientSampleId :

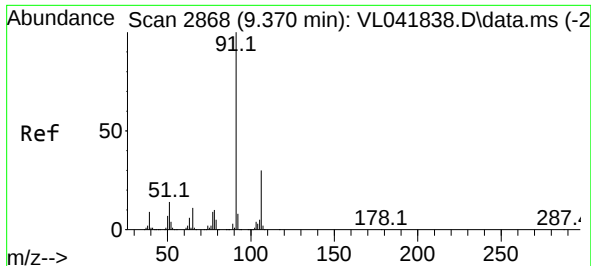
Tgt Ion:131 Resp: 10939
 Ion Ratio Lower Upper
 131 100
 133 101.8 77.3 115.9
 119 628.4 50.6 76.0#



#57
 Chlorobenzene
 Concen: 1.021 ppbv
 RT: 8.946 min Scan# 2737
 Delta R.T. 0.006 min
 Lab File: VL041840.D
 Acq: 07 Jan 2025 10:21

Tgt Ion:112 Resp: 20695
 Ion Ratio Lower Upper
 112 100
 77 63.3 55.1 82.7
 114 32.6 28.3 34.5





#58

Ethyl Benzene

Concen: 0.778 ppbv

RT: 9.377 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

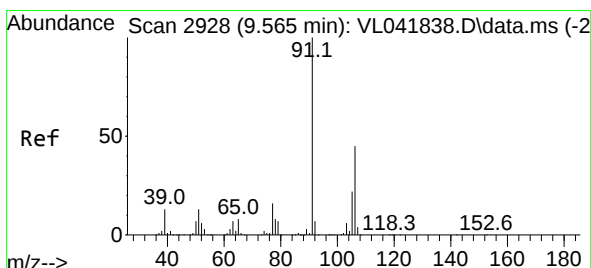
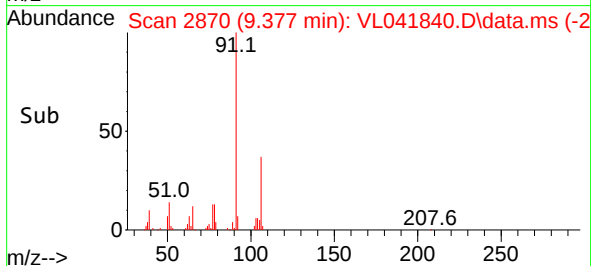
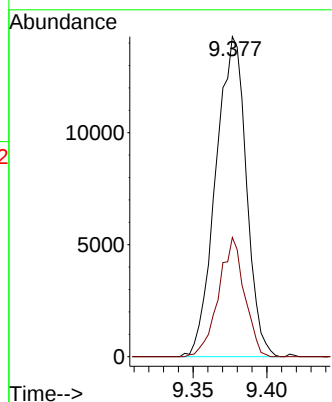
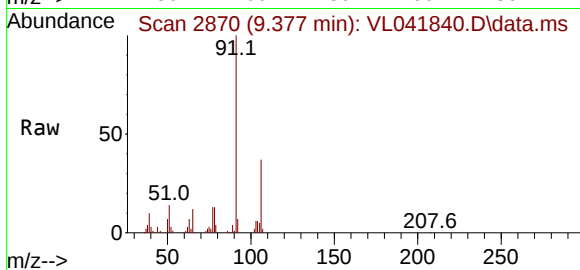
ClientSampleId :

Tgt Ion: 91 Resp: 20575

Ion Ratio Lower Upper

91 100

106 37.2 23.8 35.8#



#59

m/p-Xylene

Concen: 1.043 ppbv

RT: 9.574 min Scan# 2931

Delta R.T. 0.010 min

Lab File: VL041840.D

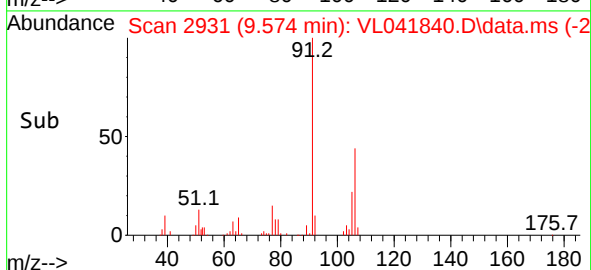
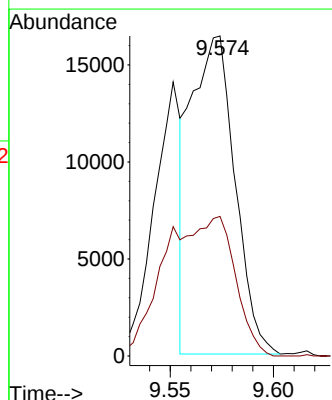
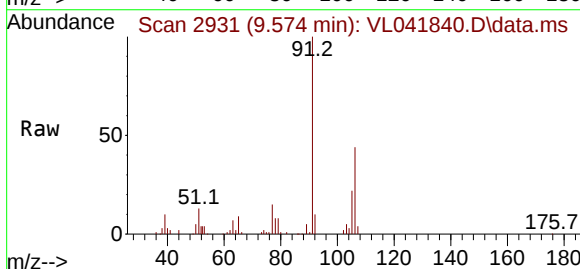
Acq: 07 Jan 2025 10:21

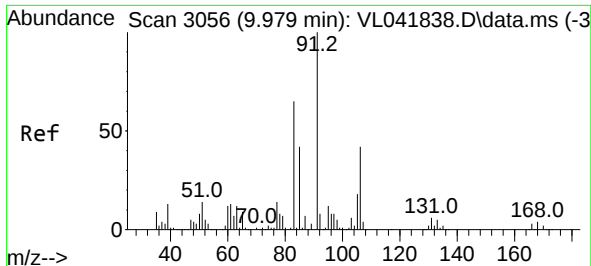
Tgt Ion: 91 Resp: 24347

Ion Ratio Lower Upper

91 100

106 70.0 36.8 55.2#

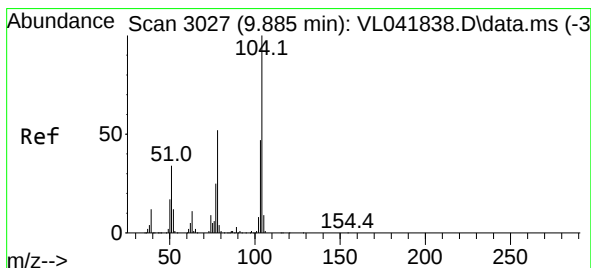
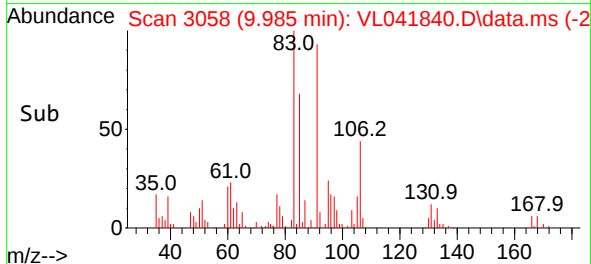
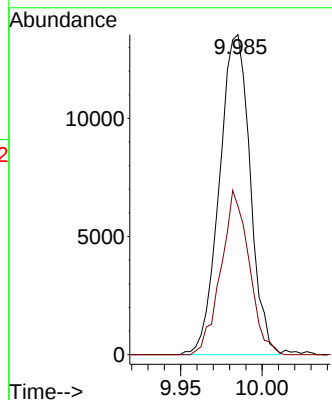
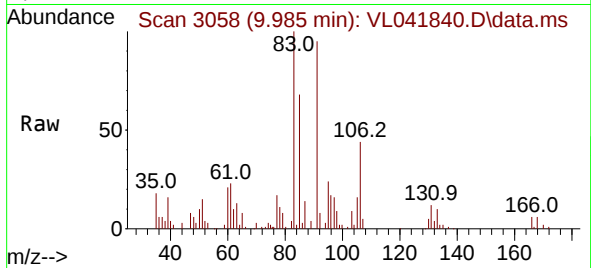




#60
o-Xylene
Concen: 0.781 ppbv
RT: 9.985 min Scan# 3056
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

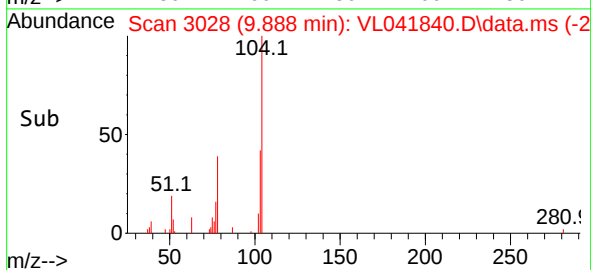
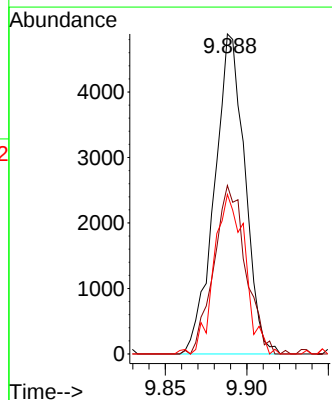
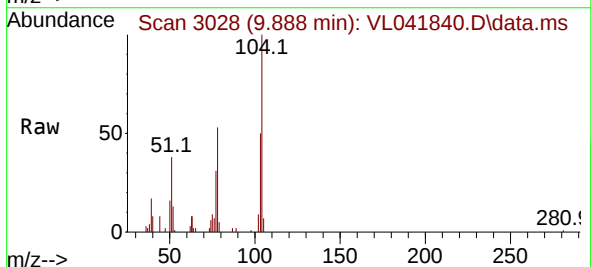
Instrument :
MSVOA_L
ClientSampleId :

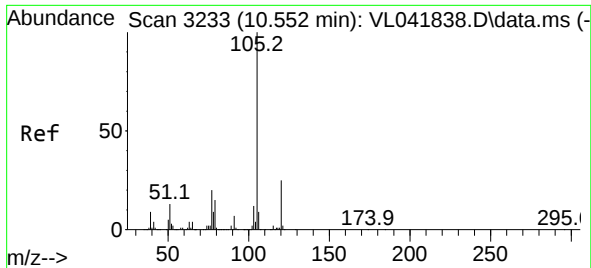
Tgt Ion: 91 Resp: 17740
Ion Ratio Lower Upper
91 100
106 47.2 21.9 65.5



#61
Styrene
Concen: 0.717 ppbv
RT: 9.888 min Scan# 3028
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

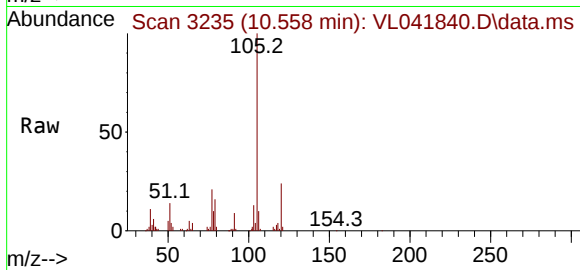
Tgt Ion:104 Resp: 6320
Ion Ratio Lower Upper
104 100
78 55.5 42.8 64.2
103 50.9 37.8 56.6



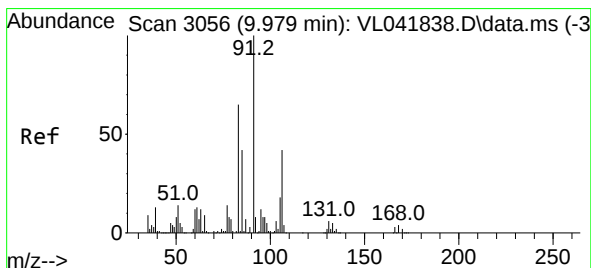
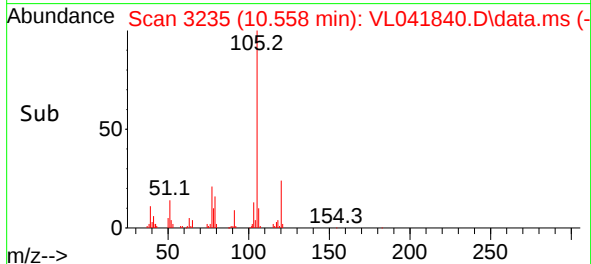
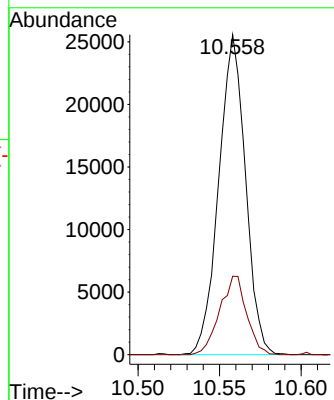


#62
Isopropylbenzene
Concen: 0.815 ppbv
RT: 10.558 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Instrument :
MSVOA_L
ClientSampleId :

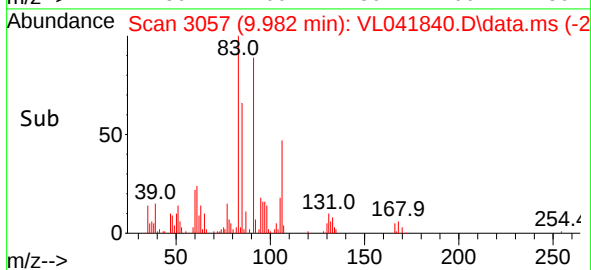
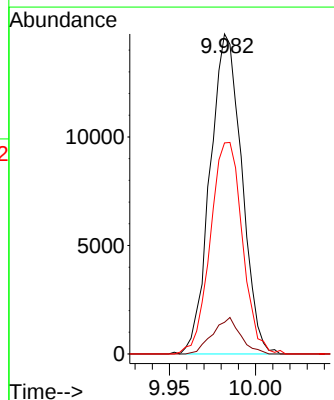
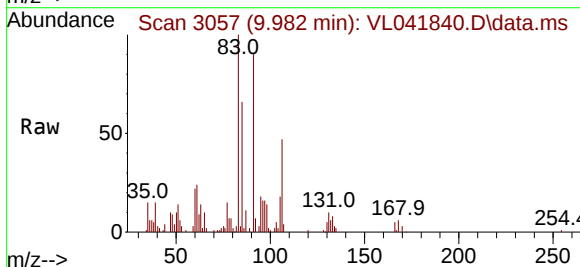


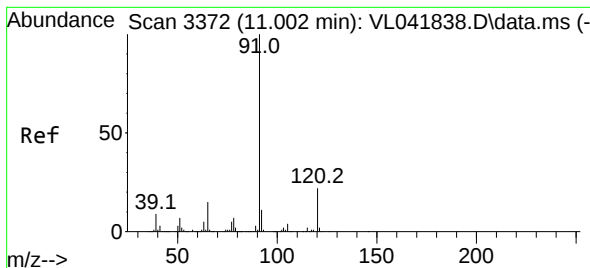
Tgt Ion:105 Resp: 29086
Ion Ratio Lower Upper
105 100
120 24.7 20.4 30.6



#63
1,1,2,2-Tetrachloroethane
Concen: 0.946 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 83 Resp: 18845
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 67.0 31.9 95.9





#64

n-propylbenzene

Concen: 0.871 ppbv

RT: 11.008 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

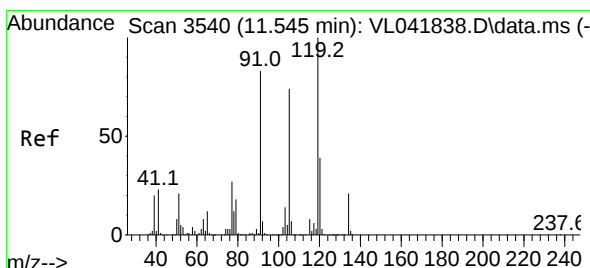
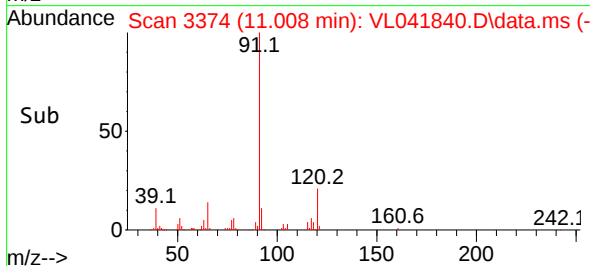
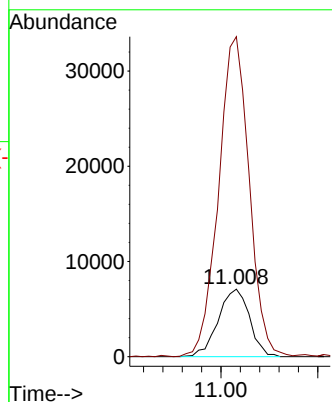
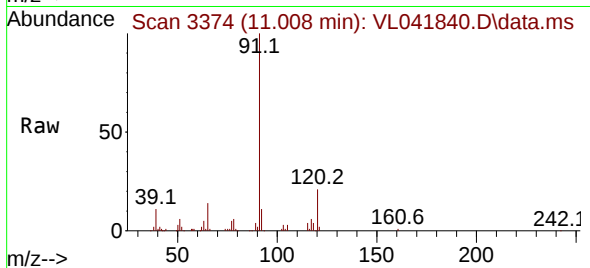
ClientSampleId :

Tgt Ion:120 Resp: 7978

Ion Ratio Lower Upper

120 100

91 466.0 382.1 573.1



#65

tert-Butylbenzene

Concen: 0.862 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

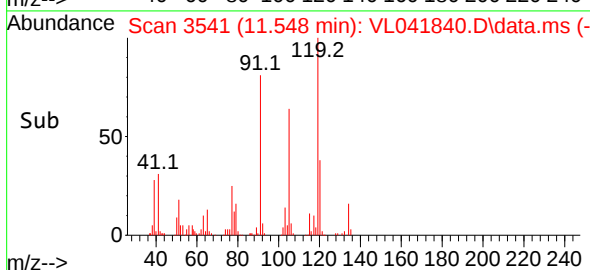
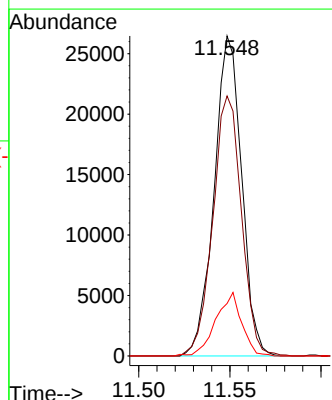
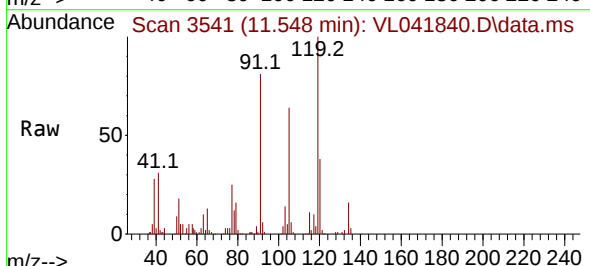
Tgt Ion:119 Resp: 27703

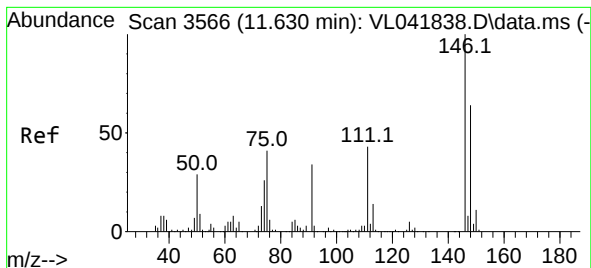
Ion Ratio Lower Upper

119 100

91 84.5 68.0 102.0

134 18.7 16.2 24.4





#66

Benzyl Chloride

Concen: 0.863 ppbv

RT: 11.633 min Scan# 3566

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

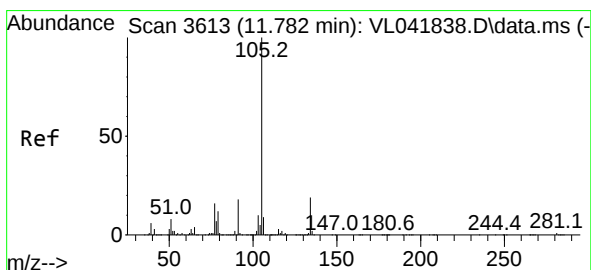
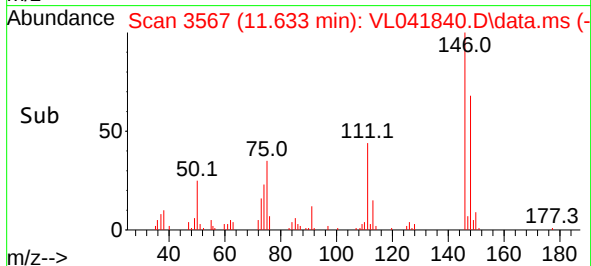
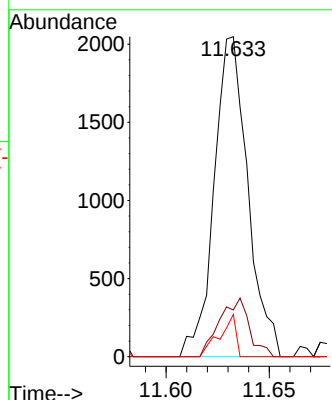
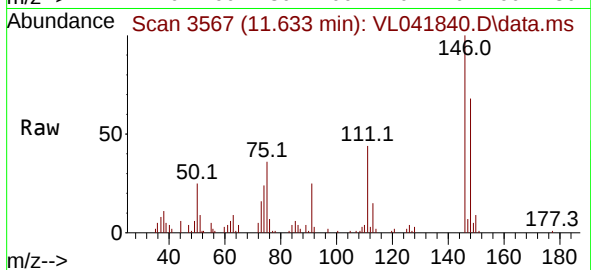
Tgt Ion: 91 Resp: 2320

Ion Ratio Lower Upper

91 100

126 16.3 12.1 18.1

128 6.4 4.3 6.5



#67

sec-Butylbenzene

Concen: 0.880 ppbv

RT: 11.785 min Scan# 3614

Delta R.T. 0.003 min

Lab File: VL041840.D

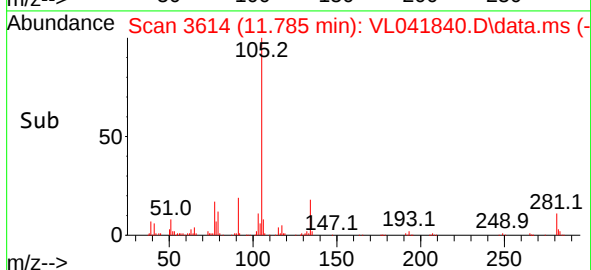
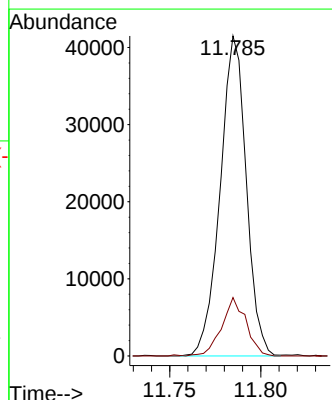
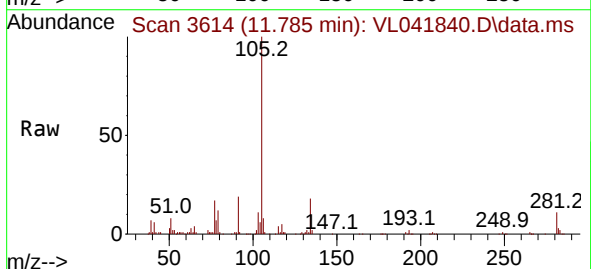
Acq: 07 Jan 2025 10:21

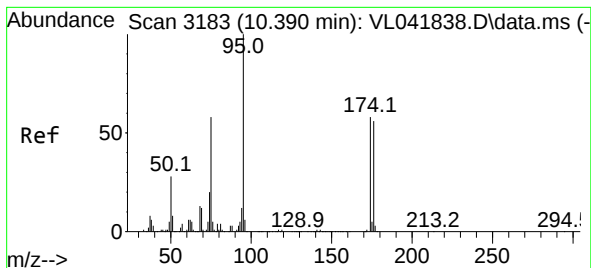
Tgt Ion: 105 Resp: 41306

Ion Ratio Lower Upper

105 100

134 17.1 14.6 22.0

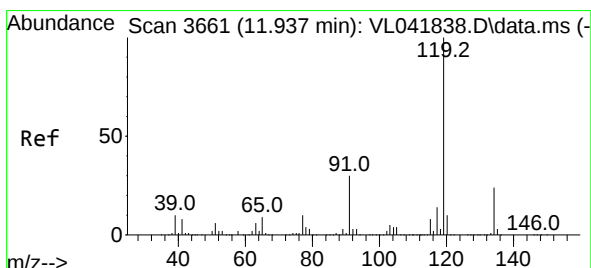
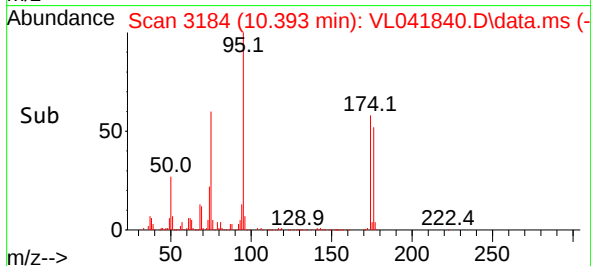
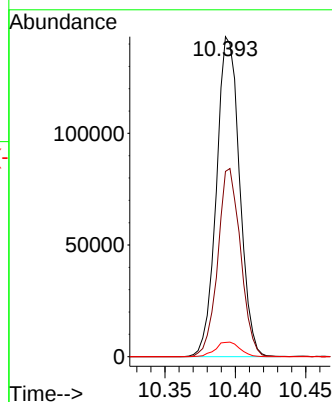
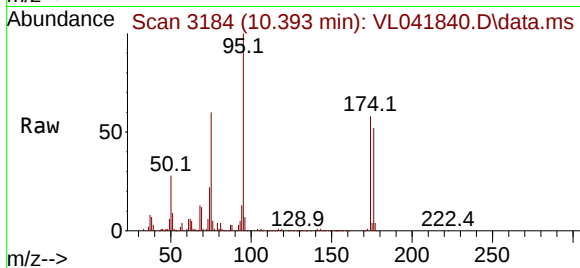




#68
1-Bromo-4-Fluorobenzene
Concen: 9.879 ppbv
RT: 10.393 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

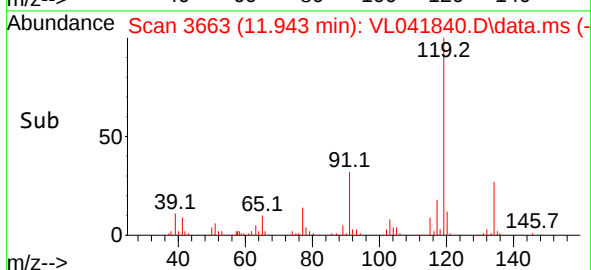
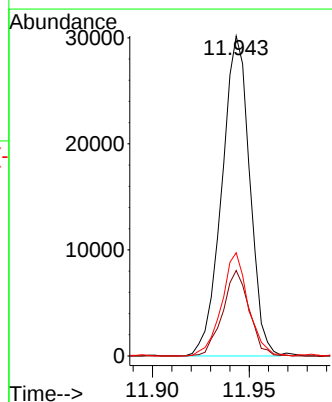
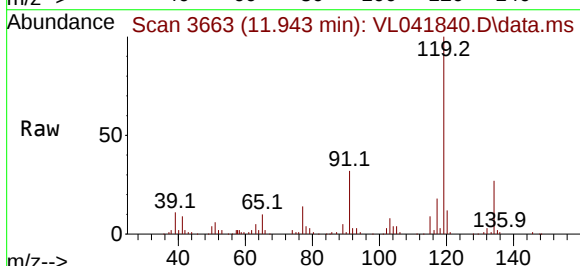
Instrument :
MSVOA_L
ClientSampleId :

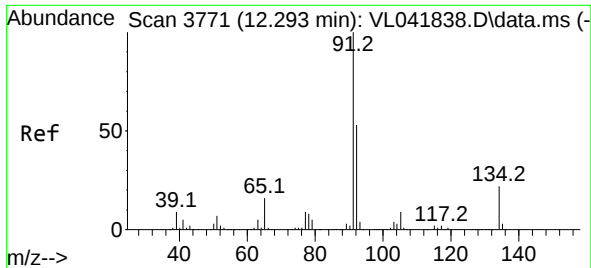
Tgt Ion: 95 Resp: 164226
Ion Ratio Lower Upper
95 100
174 57.9 47.6 71.4
175 4.8 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.820 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 119 Resp: 30189
Ion Ratio Lower Upper
119 100
134 25.3 19.4 29.2
91 31.1 24.0 36.0

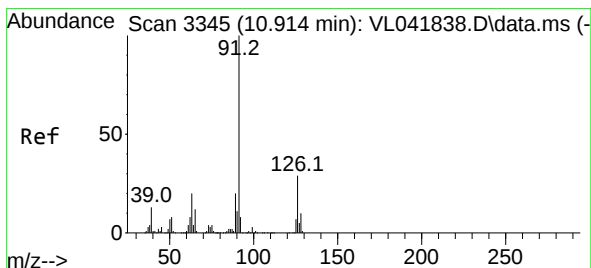
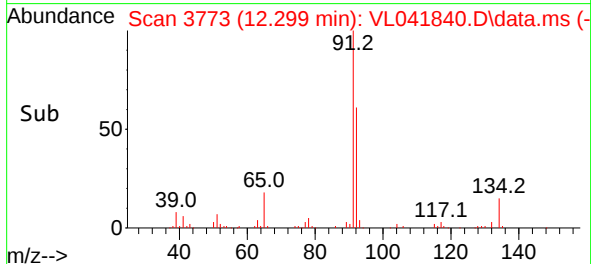
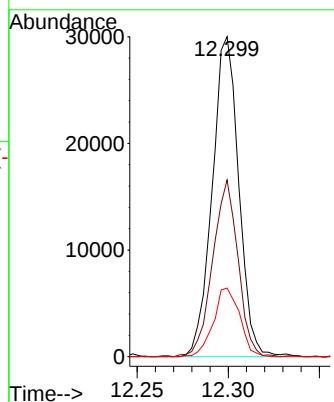
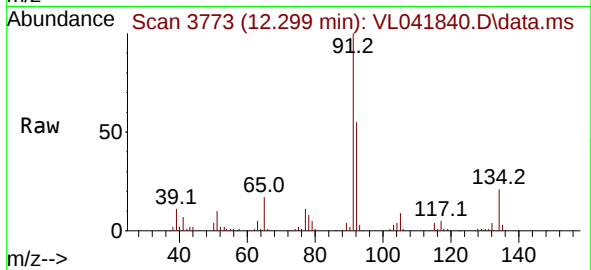




#70
n-Butylbenzene
Concen: 0.817 ppbv
RT: 12.299 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

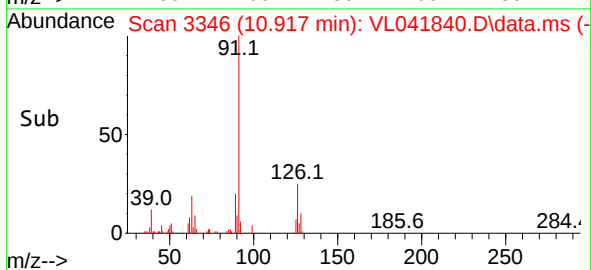
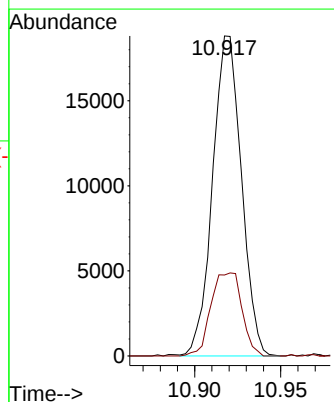
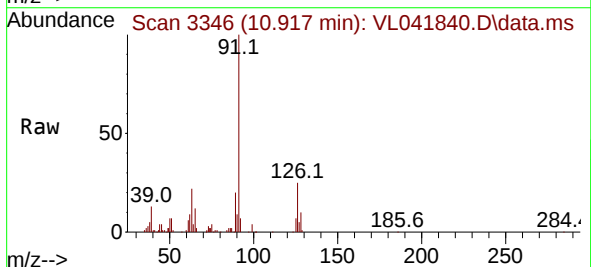
Instrument :
MSVOA_L
ClientSampleId :

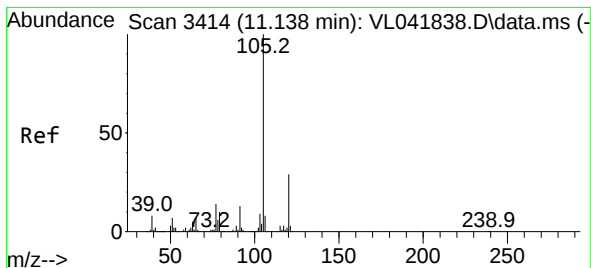
Tgt Ion: 91 Resp: 30246
Ion Ratio Lower Upper
91 100
92 53.0 42.8 64.2
134 21.4 17.8 26.6



#71
2-Chlorotoluene
Concen: 0.847 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion: 91 Resp: 21930
Ion Ratio Lower Upper
91 100
126 28.1 11.6 46.6

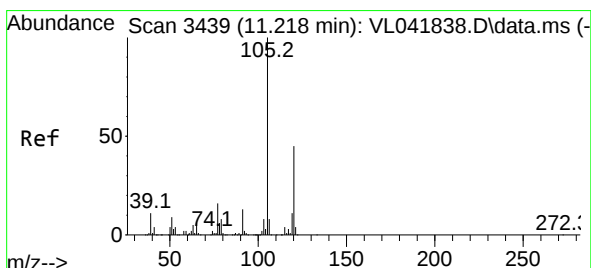
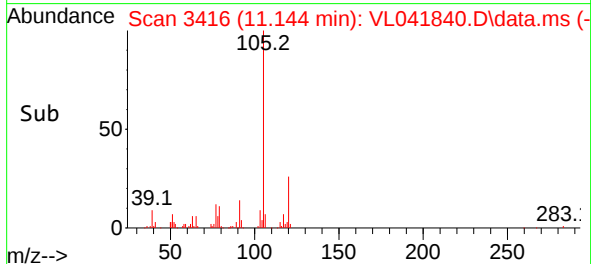
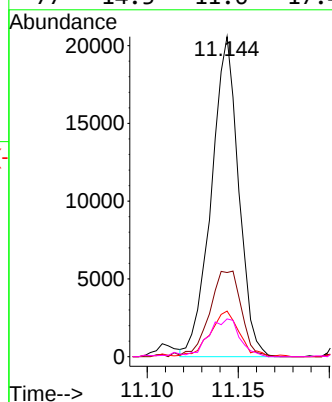
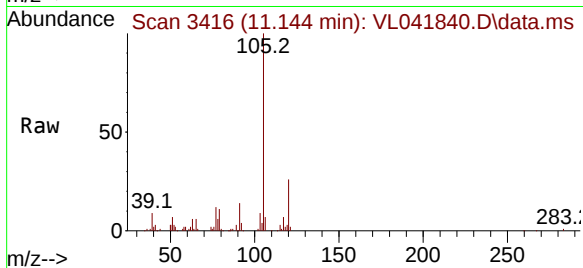




#72
4-Ethyltoluene
Concen: 0.780 ppbv
RT: 11.144 min Scan# 3414
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

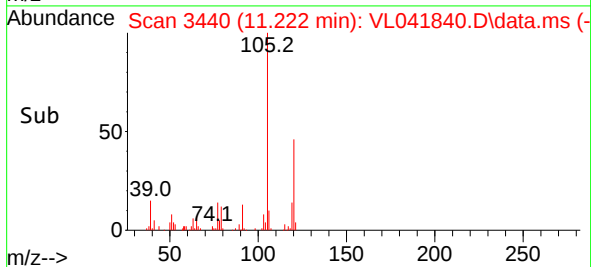
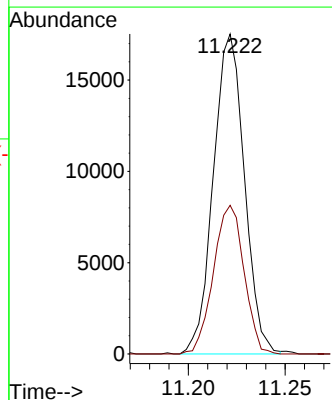
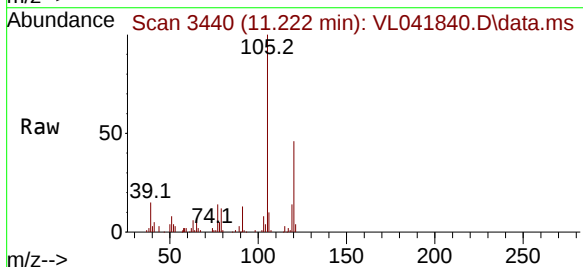
Instrument :
MSVOA_L
ClientSampleId :

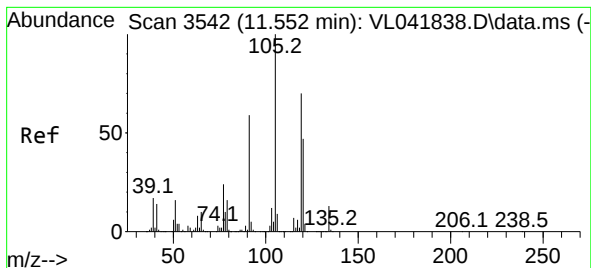
Tgt Ion:	105	Resp:	21421
Ion Ratio	Lower	Upper	
105	100		
120	31.3	23.4	35.2
91	15.9	10.8	16.2
77	14.3	11.6	17.4



#73
1,3,5-Trimethylbenzene
Concen: 0.813 ppbv
RT: 11.222 min Scan# 3440
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion:	105	Resp:	19547
Ion Ratio	Lower	Upper	
105	100		
120	46.4	35.9	53.9





#74

1,2,4-Trimethylbenzene

Concen: 0.881 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 24542

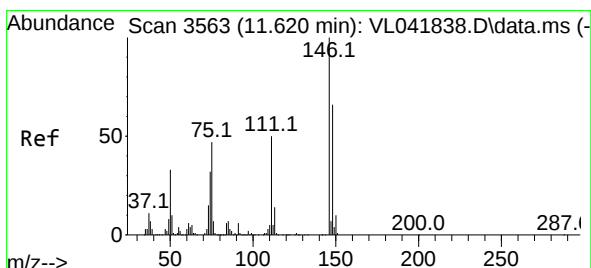
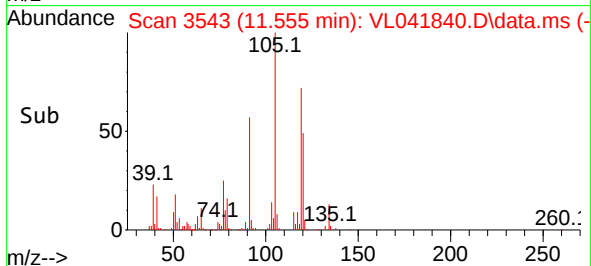
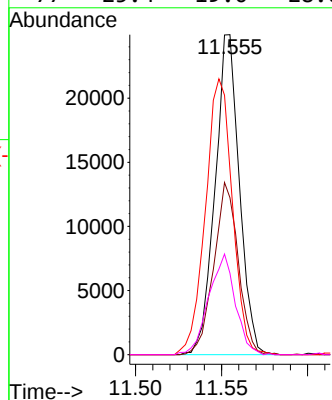
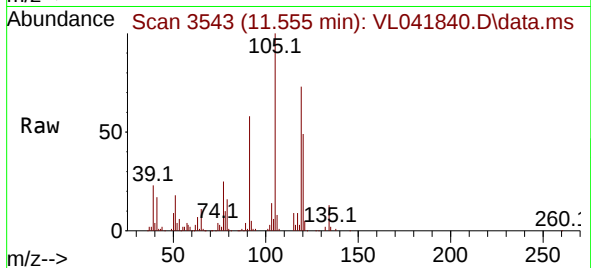
Ion Ratio Lower Upper

105 100

120 49.1 37.4 56.0

91 57.8 47.4 71.2

77 25.4 19.0 28.6



#75

1,3-Dichlorobenzene

Concen: 1.009 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.006 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

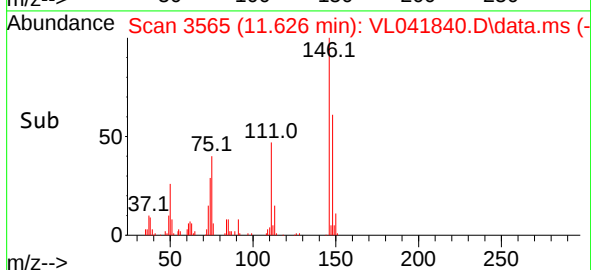
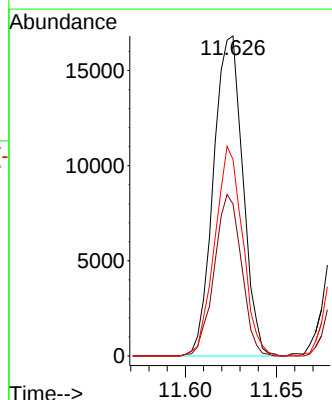
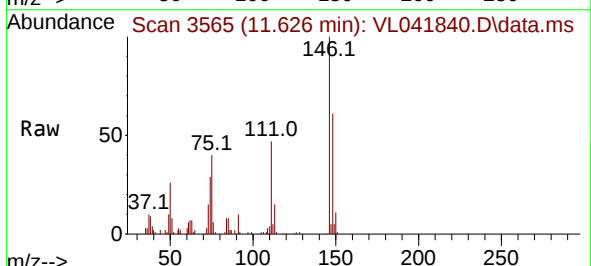
Tgt Ion:146 Resp: 18815

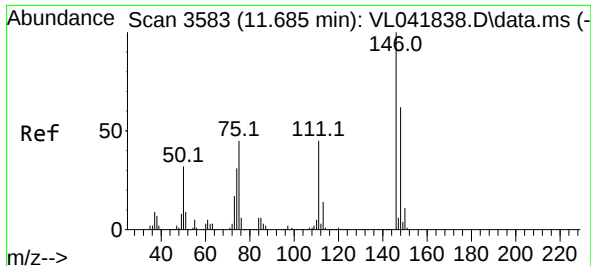
Ion Ratio Lower Upper

146 100

111 46.8 24.1 72.2

148 62.3 32.0 96.0

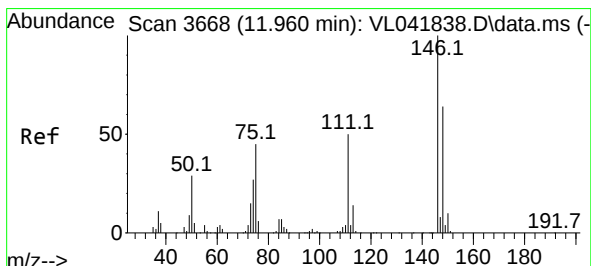
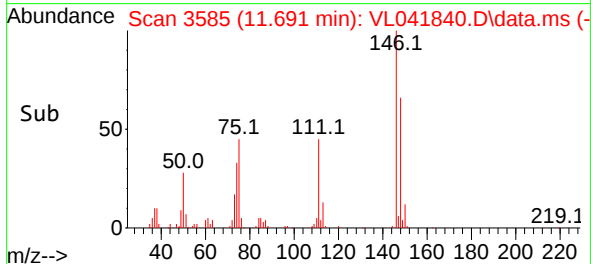
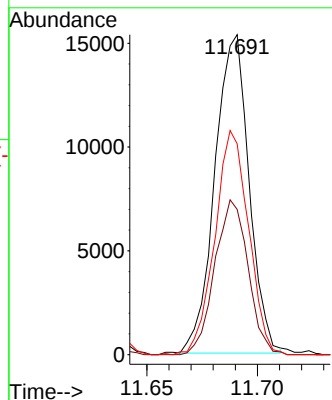
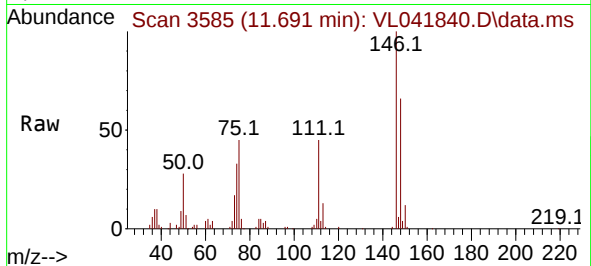




#76
1,4-Dichlorobenzene
Concen: 0.919 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. 0.006 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

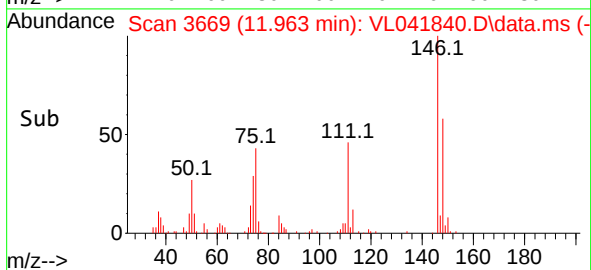
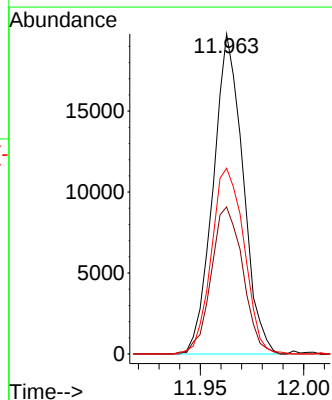
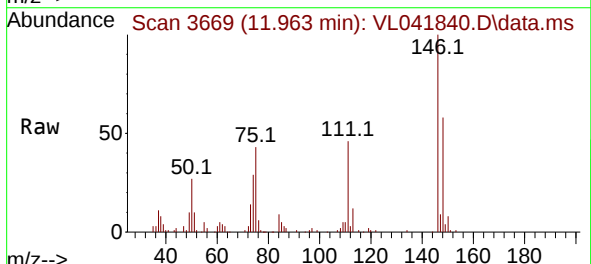
Instrument :
MSVOA_L
ClientSampleId :

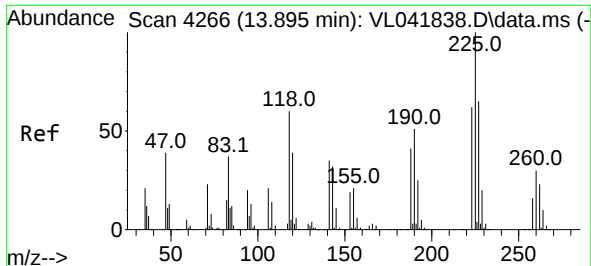
Tgt Ion:146 Resp: 16488
Ion Ratio Lower Upper
146 100
111 47.4 23.2 69.6
148 69.5 32.1 96.3



#77
1,2-Dichlorobenzene
Concen: 1.021 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion:146 Resp: 19852
Ion Ratio Lower Upper
146 100
111 48.7 24.7 74.1
148 63.7 31.5 94.5

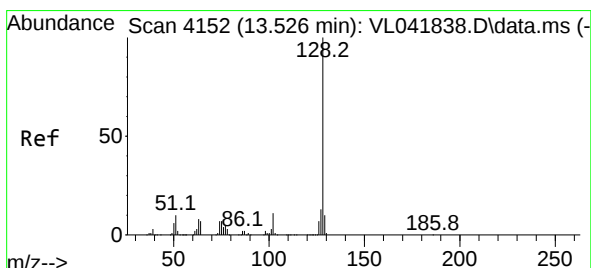
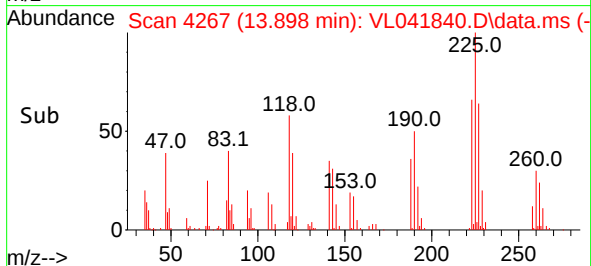
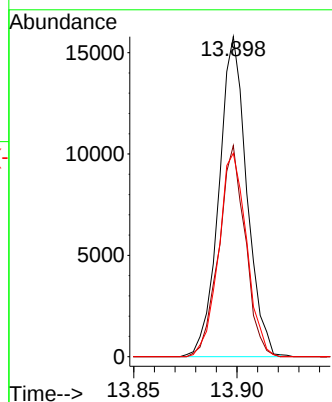
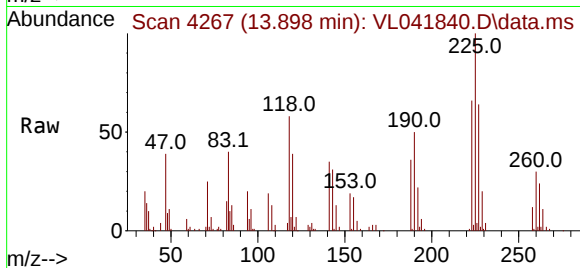




#78
Hexachloro-1,3-Butadiene
Concen: 1.074 ppbv
RT: 13.898 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

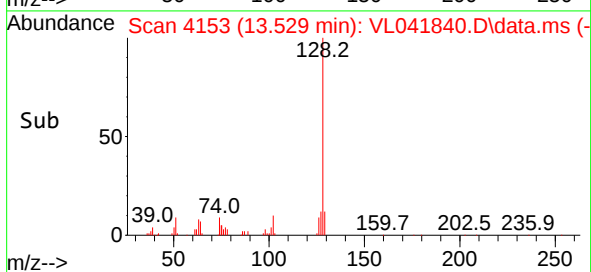
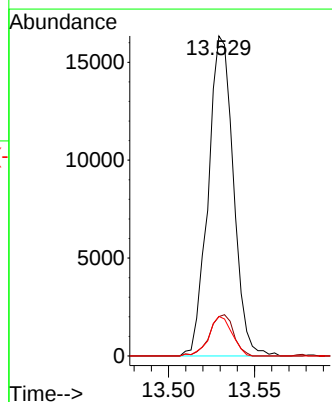
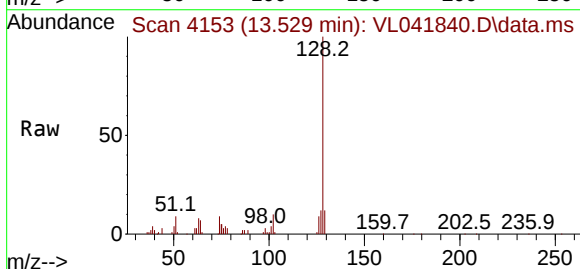
Instrument :
MSVOA_L
ClientSampleId :

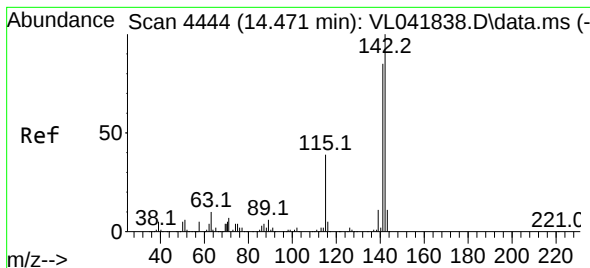
Tgt Ion:225 Resp: 14814
Ion Ratio Lower Upper
225 100
223 62.3 50.4 75.6
227 63.8 51.2 76.8



#79
Naphthalene
Concen: 0.812 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041840.D
Acq: 07 Jan 2025 10:21

Tgt Ion:128 Resp: 16677
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 12.4 8.2 12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.751 ppbv

RT: 14.474 min Scan# 4444

Delta R.T. 0.003 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Instrument :

MSVOA_L

ClientSampleId :

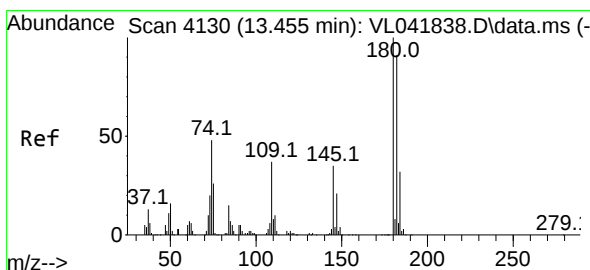
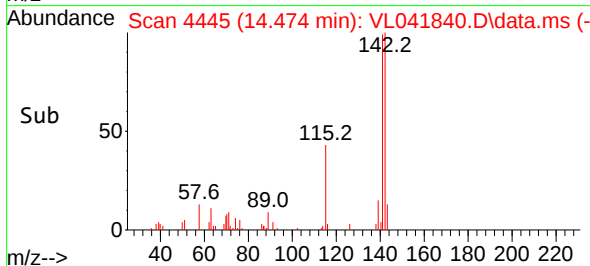
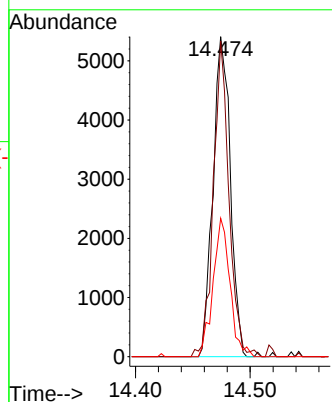
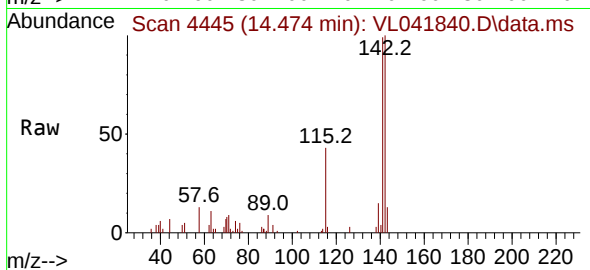
Tgt Ion:142 Resp: 5705

Ion Ratio Lower Upper

142 100

141 88.5 67.8 101.6

115 42.0 32.7 49.1



#81

1,2,4-Trichlorobenzene

Concen: 0.886 ppbv

RT: 13.455 min Scan# 4130

Delta R.T. -0.000 min

Lab File: VL041840.D

Acq: 07 Jan 2025 10:21

Tgt Ion:180 Resp: 10080

Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

184 30.6 24.8 37.2

