

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041844.D
 Acq On : 07 Jan 2025 12:25
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 01:23:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 01:18:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	93311	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	214048	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	188085	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	169446	10.519	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	217118	14.181	ppbv	97
3) Chlorodifluoromethane	1.483	51	204247	13.962	ppbv	100
4) Chloromethane	1.538	50	91107	14.470	ppbv	98
5) Vinyl Chloride	1.586	62	81611	12.852	ppbv	98
6) Bromomethane	1.674	94	37525	13.796	ppbv	94
7) Chloroethane	1.712	64	33831	13.840	ppbv	99
8) Dichlorotetrafluoroethane	1.560	85	191885	14.527	ppbv	99
9) Propene	1.489	41	76147	14.952	ppbv	100
10) Heptane	5.007	43	232968	18.518	ppbv	99
11) Trichlorofluoromethane	1.887	101	222468	14.290	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.149	101	165689	14.290	ppbv	100
13) Ethanol	1.729	45	4786	8.174	ppbv	95
14) Bromoethene	1.790	108	55728	14.681	ppbv	99
15) Acetone	1.842	43	203219	11.829	ppbv	97
16) 1,3-Butadiene	1.615	39	96407	14.311	ppbv	99
17) tert-Butyl alcohol	2.049	59	210612	14.149	ppbv	100
18) 1,1-Dichloroethene	2.046	96	68995	14.213	ppbv	95
19) Isopropyl Alcohol	1.894	45	100236	12.430	ppbv	100
20) Methylene Chloride	2.072	84	62016	12.627	ppbv	96
21) Allyl Chloride	2.107	41	135077	15.264	ppbv	98
22) trans-1,2-Dichloroethene	2.353	96	76536	14.107	ppbv	92
23) Vinyl Acetate	2.476	43	87069	15.804	ppbv	99
24) 1,1-Dichloroethane	2.421	63	172210	14.503	ppbv	100
25) Ethyl Acetate	2.848	43	459657	15.955	ppbv	99
26) Hexane	2.842	57	168383	16.841	ppbv	100
27) Carbon Disulfide	2.162	76	165817	17.474	ppbv	98
28) Methyl tert-Butyl Ether	2.454	73	105985	14.065	ppbv	99
29) Chloroform	2.865	83	262539	14.134	ppbv	98
30) Cyclohexane	3.881	84	135635	17.879	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	162395	15.779	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	249799	14.840	ppbv	100
34) 2-Butanone	2.570	43	261912	15.534	ppbv	98
35) Carbon Tetrachloride	3.784	117	261173	16.145	ppbv	97
36) Benzene	3.677	78	331869	16.230	ppbv	99
37) 1,2-Dichloroethane	3.237	62	207949	15.469	ppbv	100
38) Trichloroethene	4.577	130	125492	15.656	ppbv	96
39) 1,2-Dichloropropane	4.337	63	122940	15.543	ppbv	98
40) 1,4-Dioxane	4.609	88	55317	18.048	ppbv #	95
41) Tetrahydrofuran	3.068	42	145035	18.249	ppbv	100
42) Bromodichloromethane	4.519	83	265034	16.811	ppbv	98
43) Methyl Methacrylate	4.913	69	127306	19.826	ppbv	98
44) 2,2,4-Trimethylpentane	4.667	57	589679	17.503	ppbv	99
45) t-1,3-Dichloropropene	6.451	75	120537	19.228	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

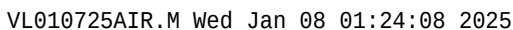
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 ClientSampleId :

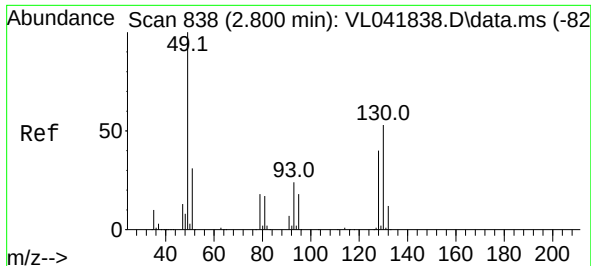
Quant Time: Jan 08 01:23:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 01:18:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	156300	18.952	ppbv	98
47) 1,1,2-Trichloroethane	6.613	97	129484	15.477	ppbv	97
48) Dibromochloromethane	7.415	129	194367	18.252	ppbv	100
49) Bromoform	9.503	173	165226	19.360	ppbv	99
50) 4-Methyl-2-Pentanone	5.790	43	373823	19.190	ppbv	100
51) 2-Hexanone	7.464	43	306279	20.756	ppbv	98
52) Tetrachloroethene	8.250	164	105951	17.472	ppbv	97
53) Toluene	6.962	91	360317	19.776	ppbv	99
54) 1,2-Dibromoethane	7.677	107	172958	16.883	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	164661	15.360	ppbv	99
57) Chlorobenzene	8.943	112	293187	14.921	ppbv	95
58) Ethyl Benzene	9.377	91	515403	20.106	ppbv	99
59) m/p-Xylene	9.571	91	435884	19.254	ppbv #	29
60) o-Xylene	9.985	91	434378	19.735	ppbv	100
61) Styrene	9.891	104	191091	22.378	ppbv	100
62) Isopropylbenzene	10.558	105	648118	18.743	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	279419	14.477	ppbv	99
64) n-propylbenzene	11.005	120	167958	18.932	ppbv	100
65) tert-Butylbenzene	11.548	119	576406	18.498	ppbv	100
66) Benzyl Chloride	11.633	91	46260	17.763	ppbv	99
67) sec-Butylbenzene	11.785	105	829725	18.248	ppbv	100
69) p-Isopropyltoluene	11.943	119	691614	19.375	ppbv	99
70) n-Butylbenzene	12.296	91	698101	19.466	ppbv	99
71) 2-Chlorotoluene	10.917	91	486908	19.398	ppbv	99
72) 4-Ethyltoluene	11.141	105	534215	20.070	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	457438	19.622	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	496746	18.396	ppbv	95
75) 1,3-Dichlorobenzene	11.626	146	286905	15.874	ppbv	99
76) 1,4-Dichlorobenzene	11.688	146	289777	16.662	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	280054	14.870	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	191358	14.312	ppbv	99
79) Naphthalene	13.529	128	431155	21.675	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	168205	22.846	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	191178	17.340	ppbv	100

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

Quant Time: Jan 08 01:23:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 08 01:18:22 2025
Response via : Initial Calibration

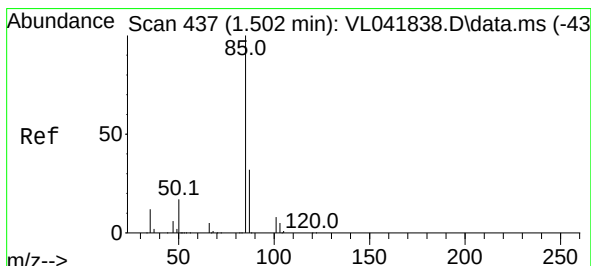
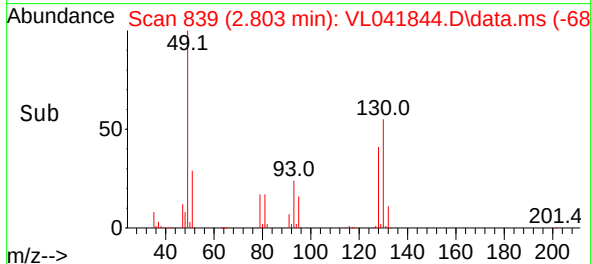
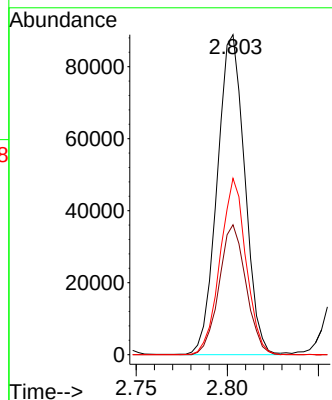
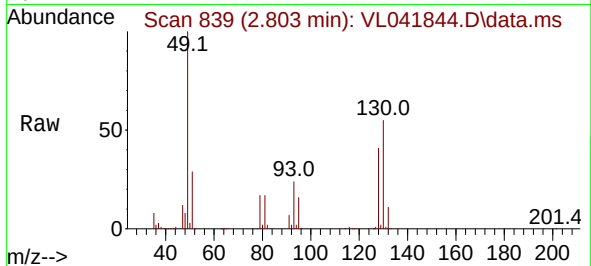




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 838
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

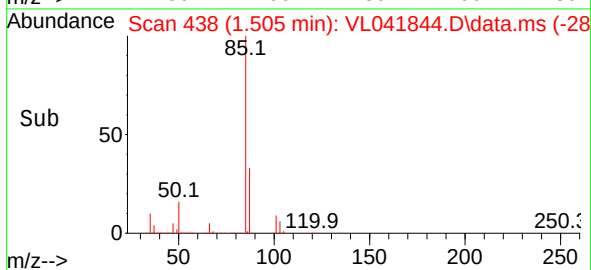
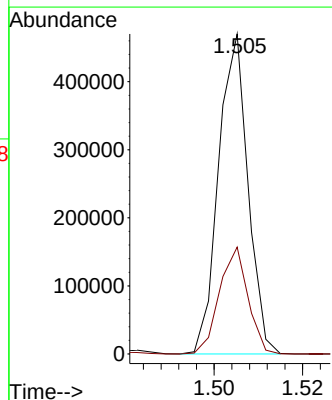
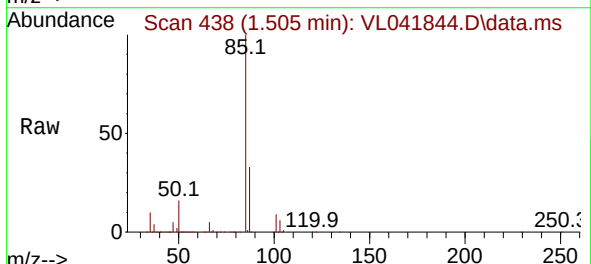
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MSVOA_L
ClientSampleId :

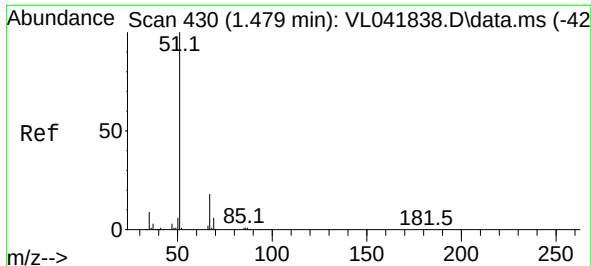
Tgt Ion: 49 Resp: 93311
Ion Ratio Lower Upper
49 100
128 39.6 19.7 59.1
130 51.9 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 14.181 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 85 Resp: 217118
Ion Ratio Lower Upper
85 100
87 33.4 25.6 38.4

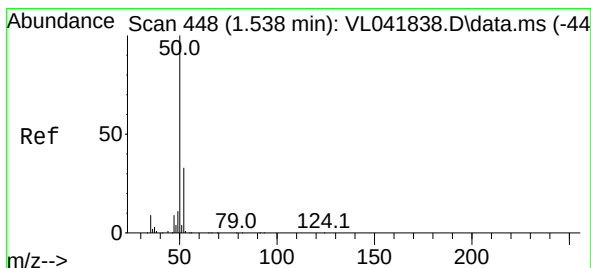
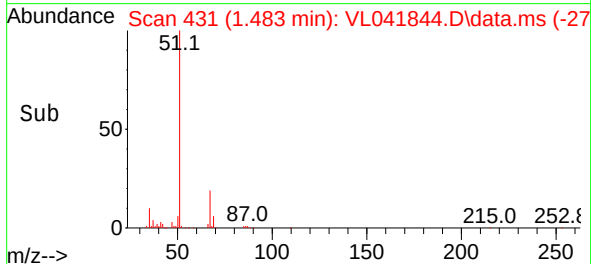
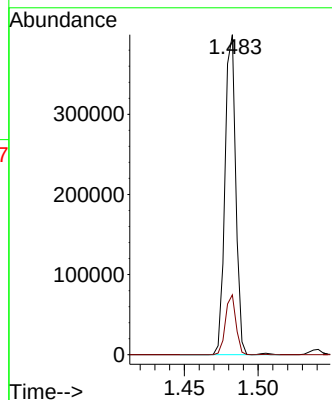
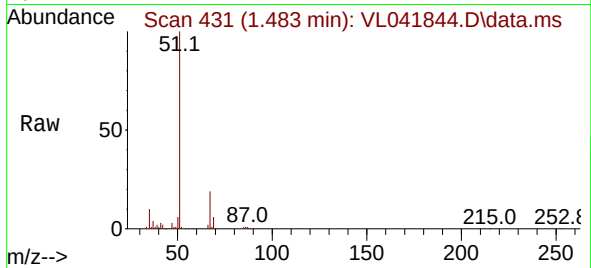




#3
Chlorodifluoromethane
Concen: 13.962 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

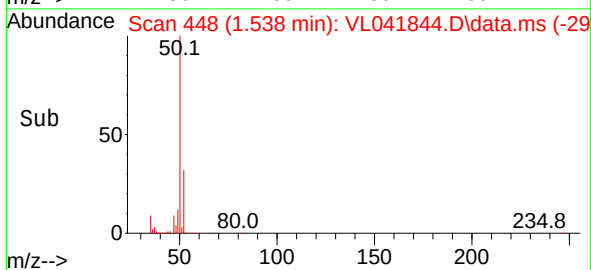
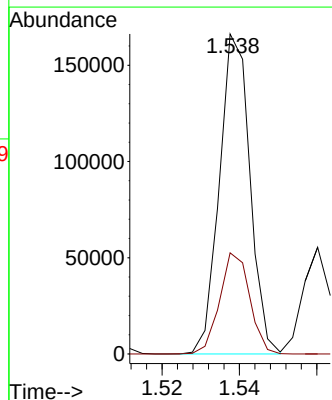
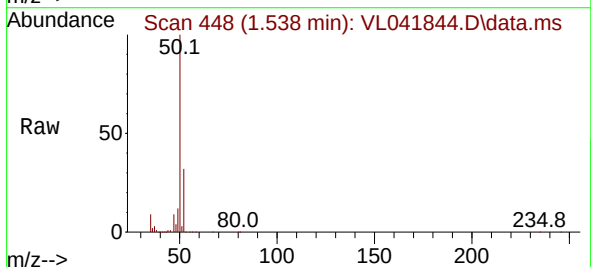
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MSVOA_L
ClientSampleId :

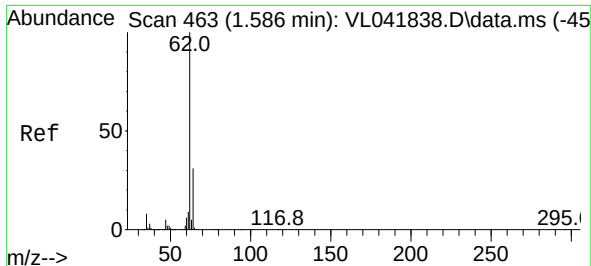
Tgt Ion: 51 Resp: 204247
Ion Ratio Lower Upper
51 100
67 18.2 14.6 22.0



#4
Chloromethane
Concen: 14.470 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 50 Resp: 91107
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1

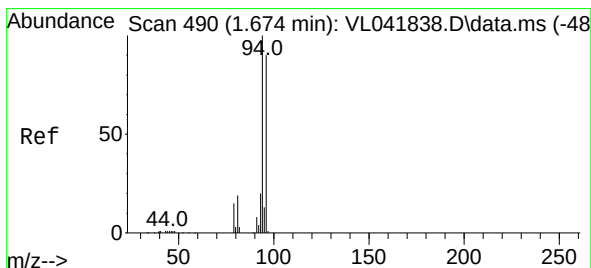
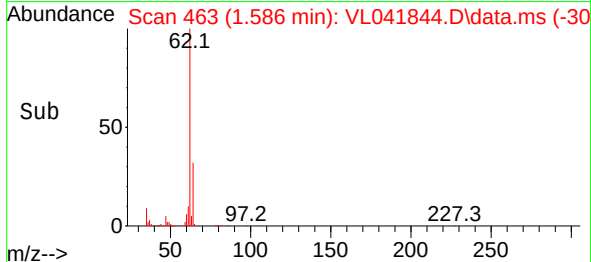
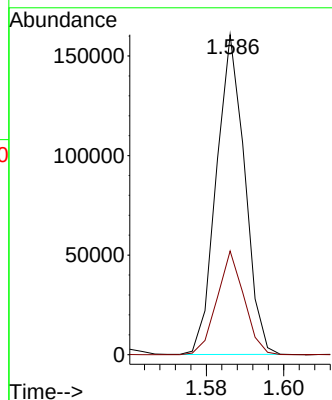
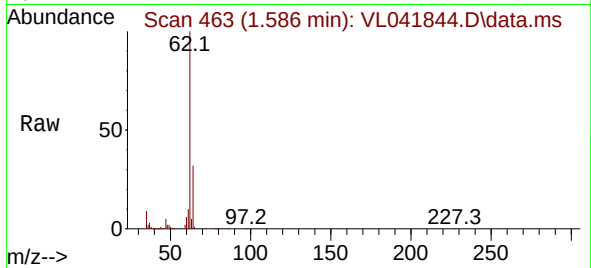




#5
 Vinyl Chloride
 Concen: 12.852 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

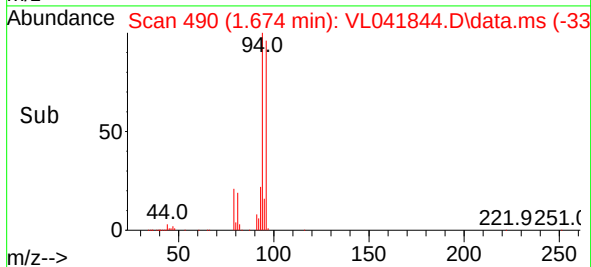
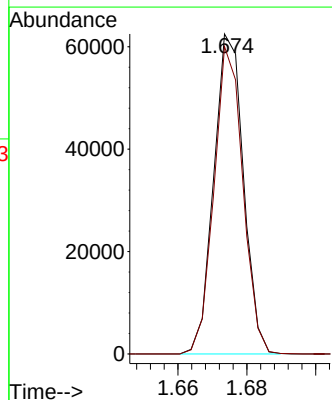
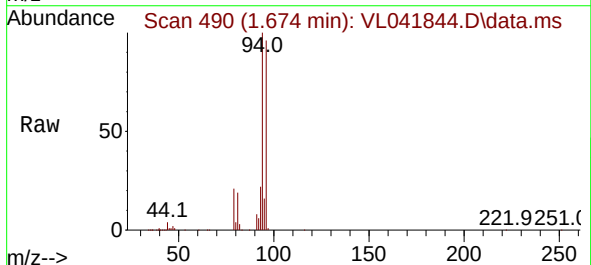
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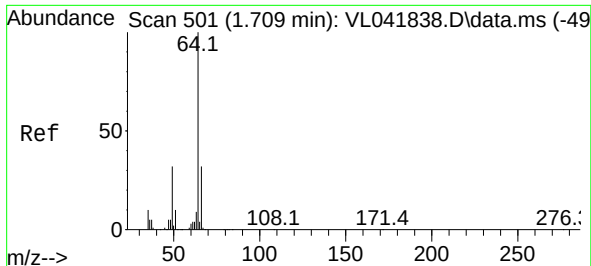
Tgt Ion: 62 Resp: 81611
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.9 37.3



#6
 Bromomethane
 Concen: 13.796 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

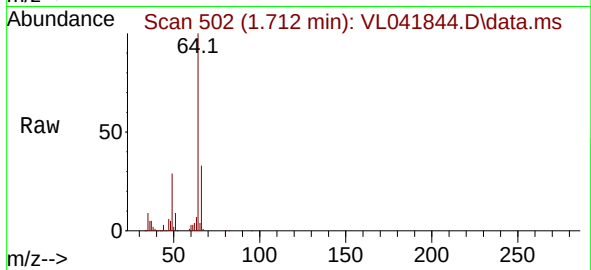
Tgt Ion: 94 Resp: 37525
 Ion Ratio Lower Upper
 94 100
 96 96.0 72.0 108.0



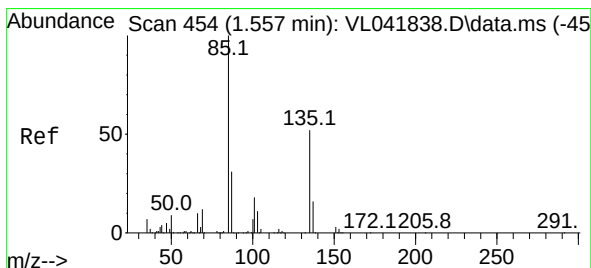
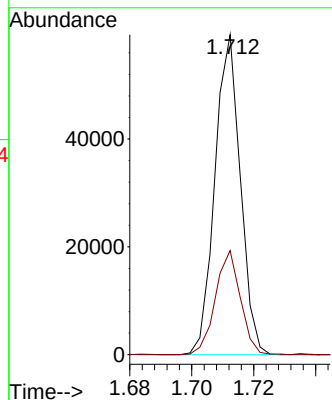
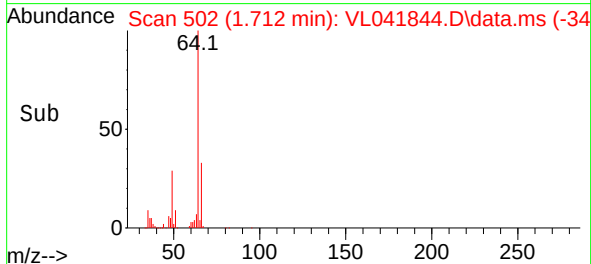


#7
Chloroethane
Concen: 13.840 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :

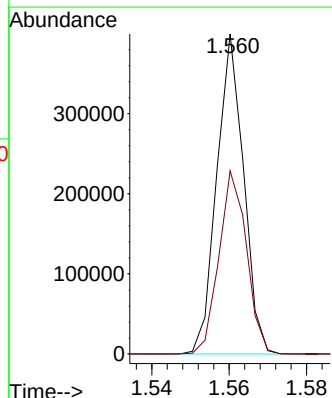
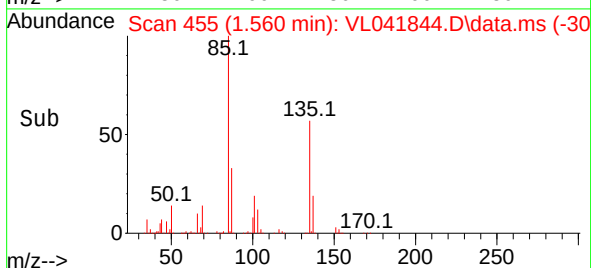
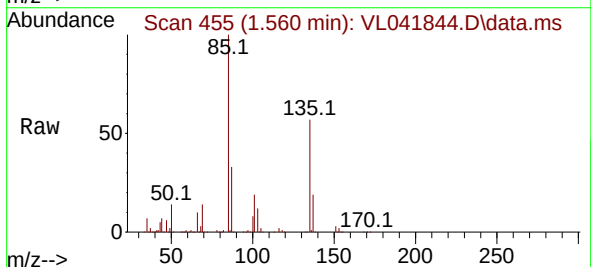


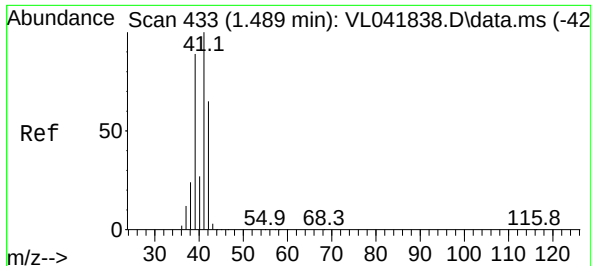
Tgt Ion: 64 Resp: 33831
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 14.527 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 85 Resp: 191885
Ion Ratio Lower Upper
85 100
135 59.0 47.9 71.9





#9

Propene

Concen: 14.952 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

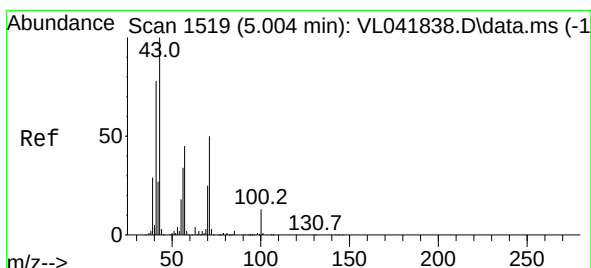
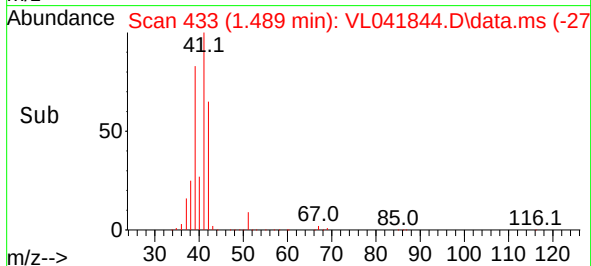
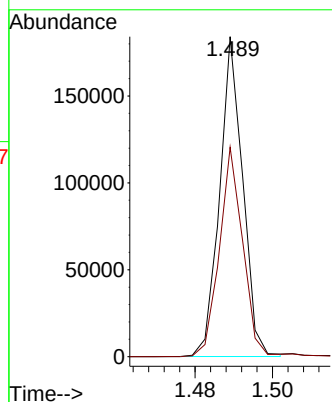
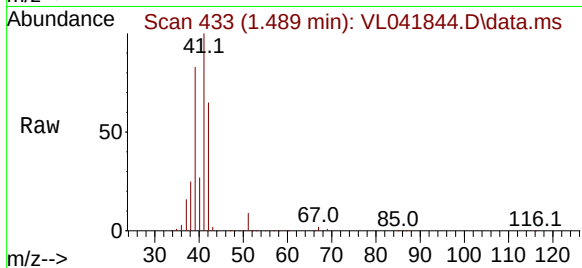
ClientSampleId :

Tgt Ion: 41 Resp: 76147

Ion Ratio Lower Upper

41 100

42 67.6 53.9 80.9



#10

Heptane

Concen: 18.518 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. 0.003 min

Lab File: VL041844.D

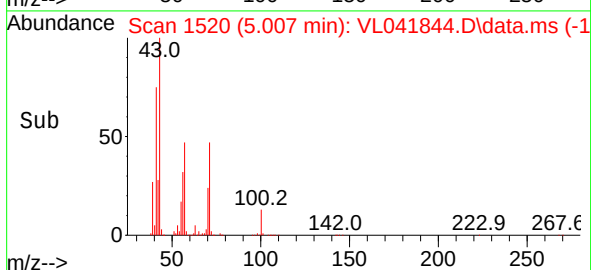
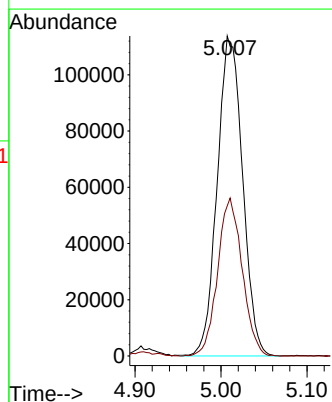
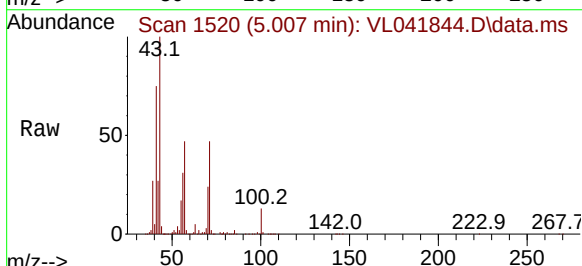
Acq: 07 Jan 2025 12:25

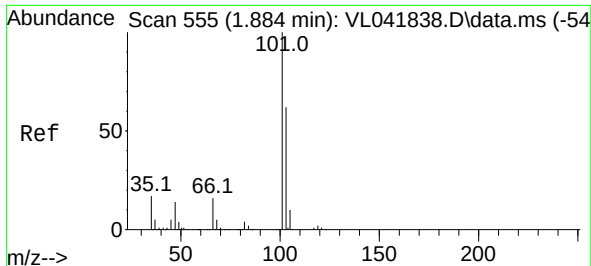
Tgt Ion: 43 Resp: 232968

Ion Ratio Lower Upper

43 100

57 47.9 37.8 56.6





#11

Trichlorofluoromethane

Concen: 14.290 ppbv

RT: 1.887 min Scan# 555

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

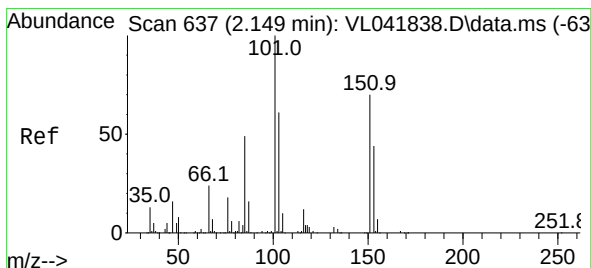
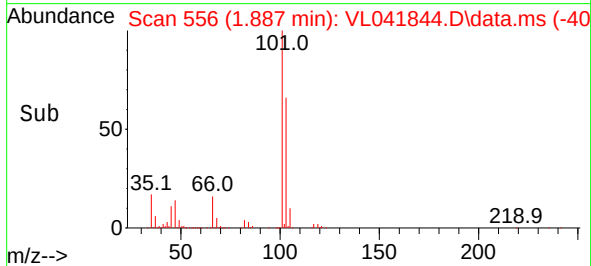
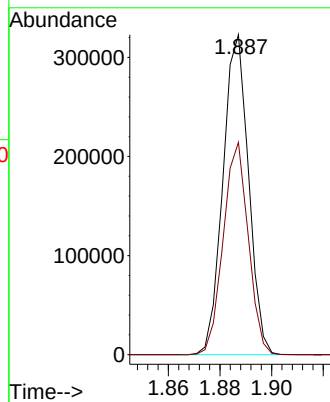
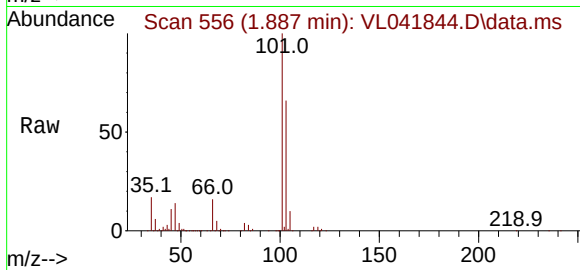
ClientSampleId :

Tgt Ion:101 Resp: 222468

Ion Ratio Lower Upper

101 100

103 66.3 49.4 74.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 14.290 ppbv

RT: 2.149 min Scan# 637

Delta R.T. -0.000 min

Lab File: VL041844.D

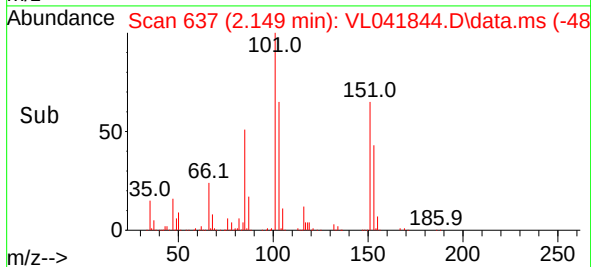
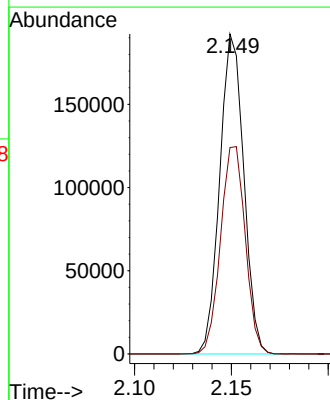
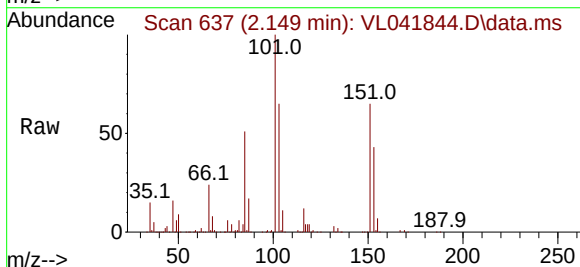
Acq: 07 Jan 2025 12:25

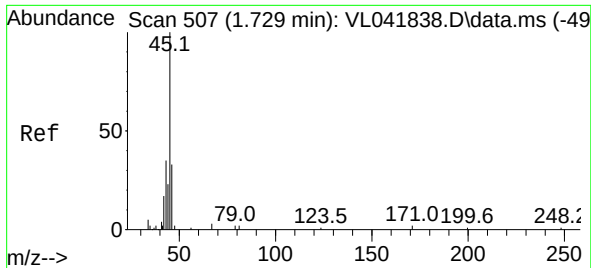
Tgt Ion:101 Resp: 165689

Ion Ratio Lower Upper

101 100

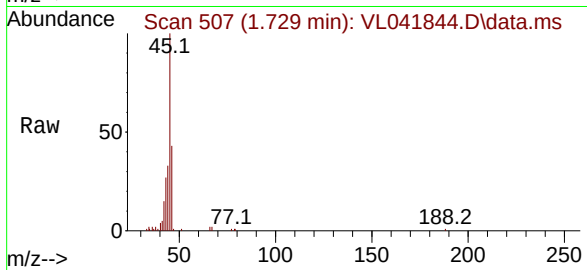
151 66.8 53.2 79.8



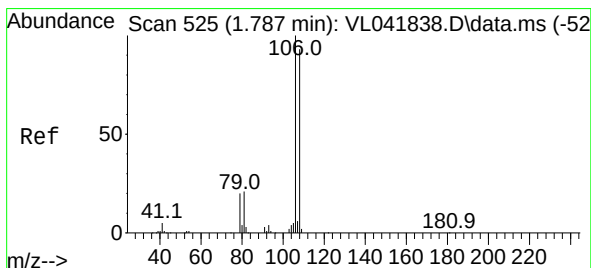
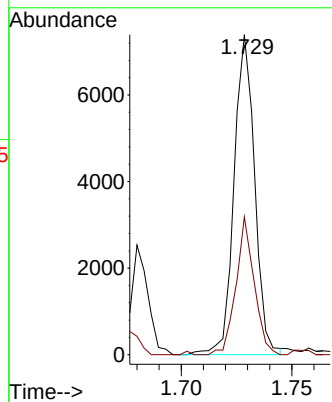
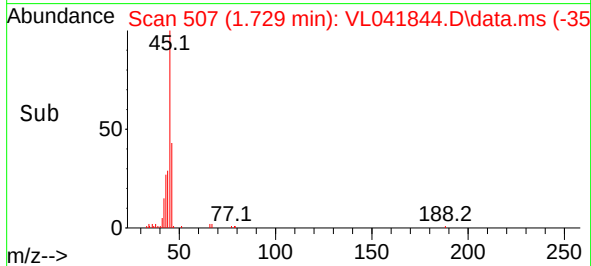


#13
Ethanol
Concen: 8.174 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

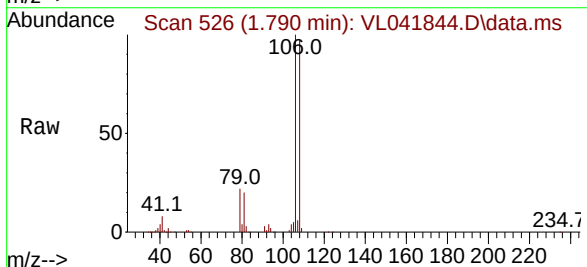
Instrument :
MSVOA_L
ClientSampleId :



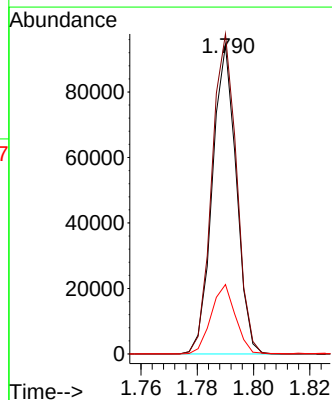
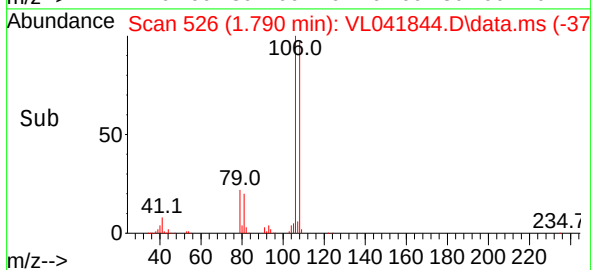
Tgt Ion: 45 Resp: 4786
Ion Ratio Lower Upper
45 100
46 39.3 14.6 58.2

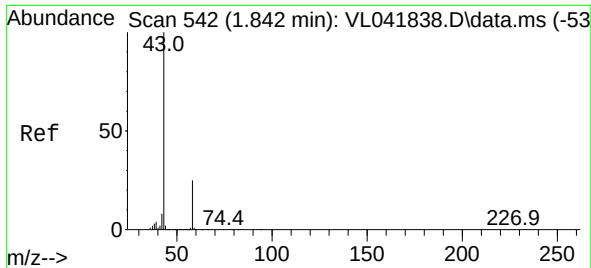


#14
Bromoethene
Concen: 14.681 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



Tgt Ion: 108 Resp: 55728
Ion Ratio Lower Upper
108 100
106 106.2 84.6 126.8
79 23.4 18.3 27.5

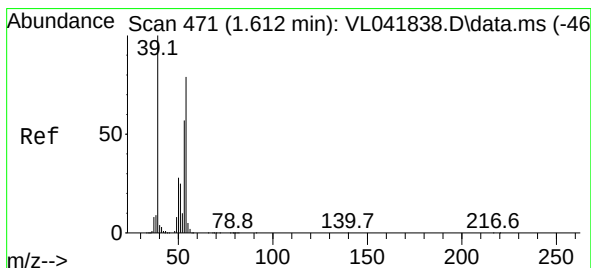
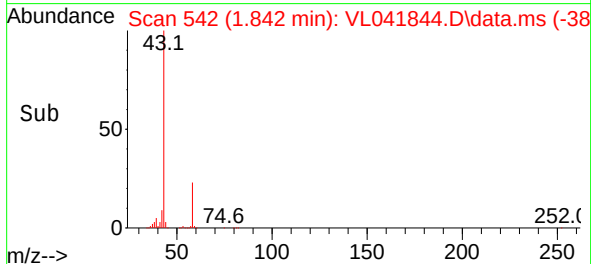
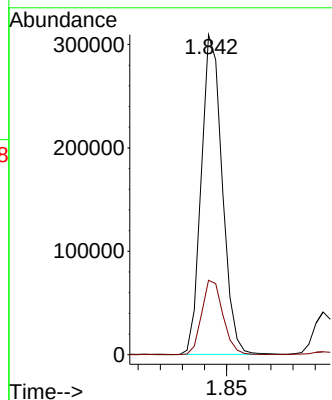
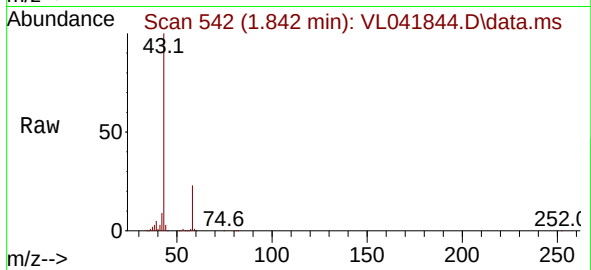




#15
Acetone
Concen: 11.829 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

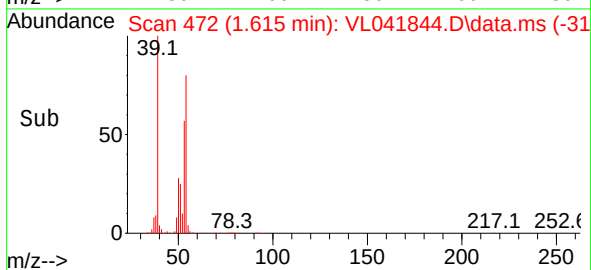
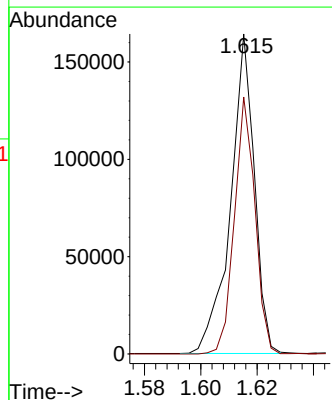
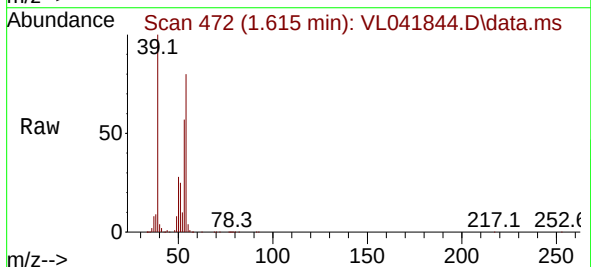
Instrument :
MSVOA_L
ClientSampleId :

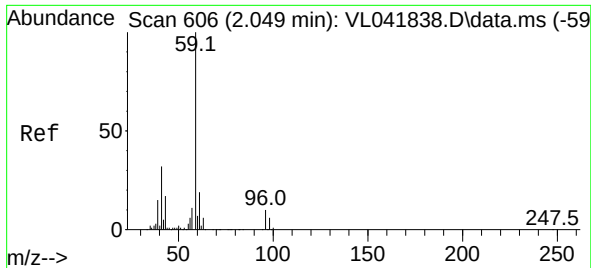
Tgt Ion: 43 Resp: 203219
Ion Ratio Lower Upper
43 100
58 23.7 20.2 30.4



#16
1,3-Butadiene
Concen: 14.311 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 39 Resp: 96407
Ion Ratio Lower Upper
39 100
54 69.4 56.2 84.4

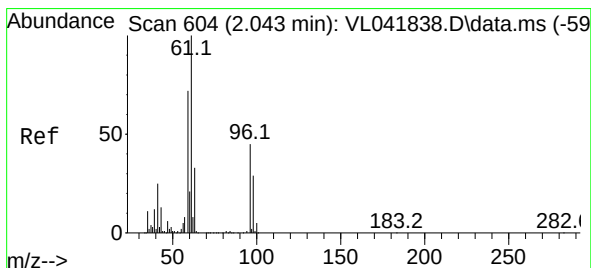
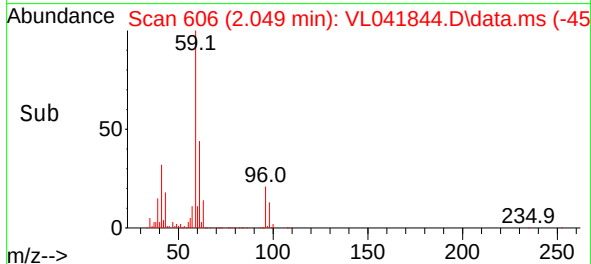
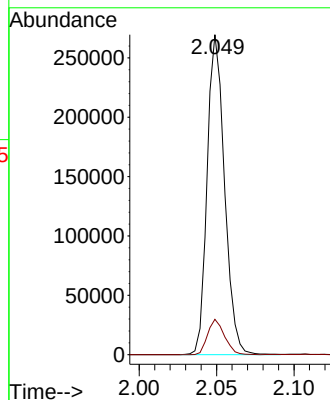
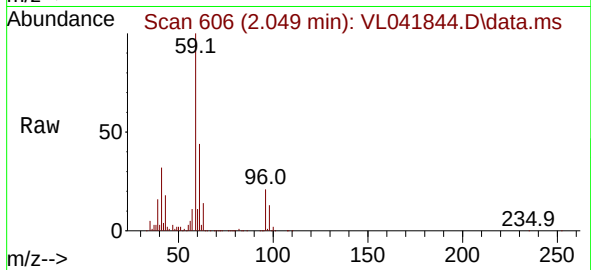




#17
tert-Butyl alcohol
Concen: 14.149 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

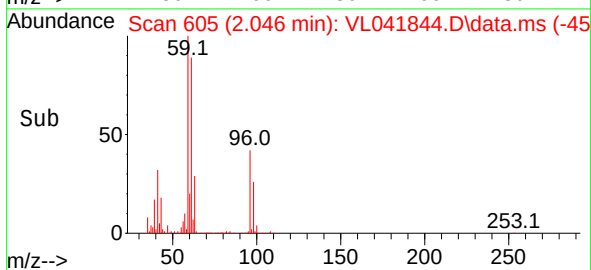
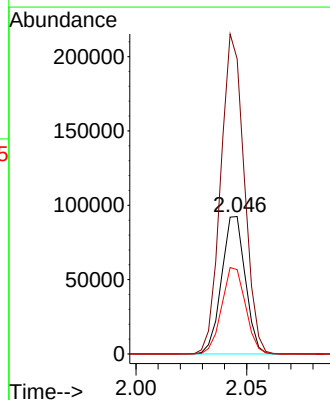
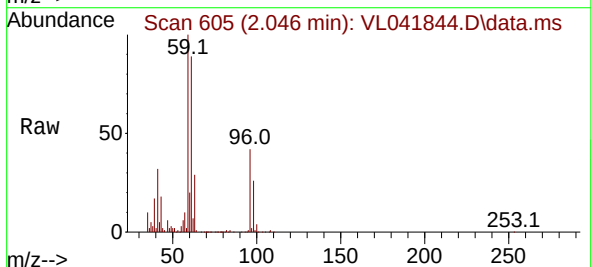
Instrument :
MSVOA_L
ClientSampleId :

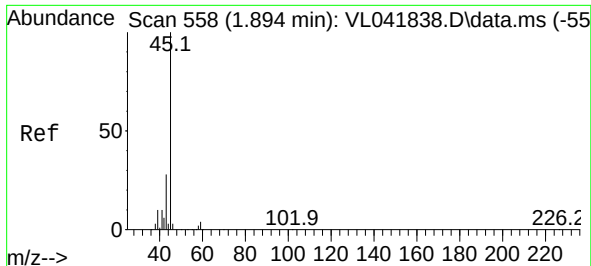
Tgt Ion: 59 Resp: 210612
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#18
1,1-Dichloroethene
Concen: 14.213 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 96 Resp: 68995
Ion Ratio Lower Upper
96 100
61 214.5 179.2 268.8
98 61.4 51.6 77.4





#19

Isopropyl Alcohol

Concen: 12.430 ppbv

RT: 1.894 min Scan# 558

Delta R.T. -0.000 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

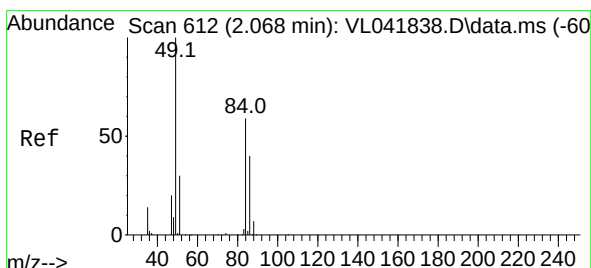
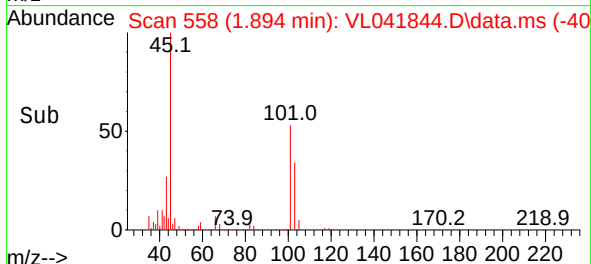
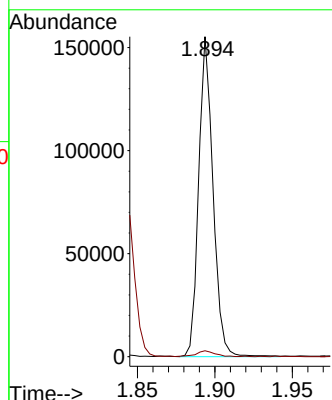
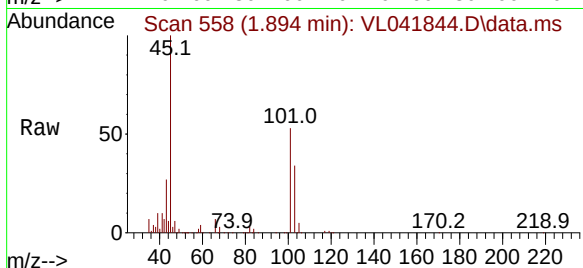
ClientSampleId :

Tgt Ion: 45 Resp: 100236

Ion Ratio Lower Upper

45 100

58 2.7 2.1 3.1



#20

Methylene Chloride

Concen: 12.627 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion: 84 Resp: 62016

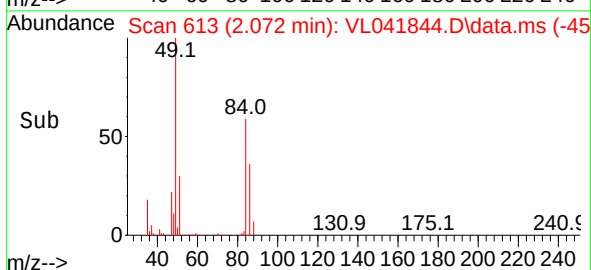
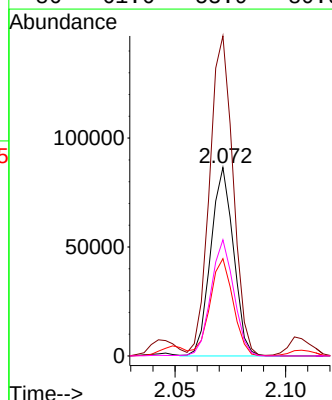
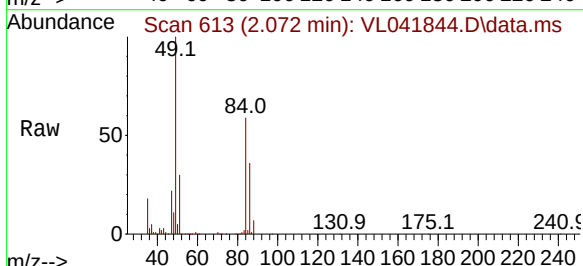
Ion Ratio Lower Upper

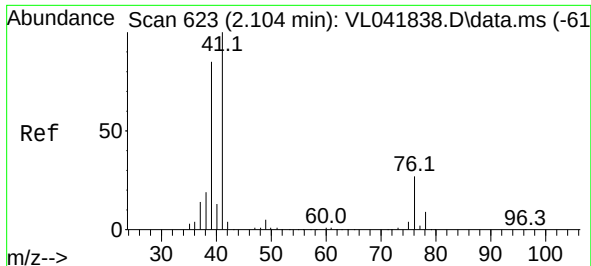
84 100

49 168.1 137.8 206.8

51 51.0 43.9 65.9

86 61.6 53.9 80.9

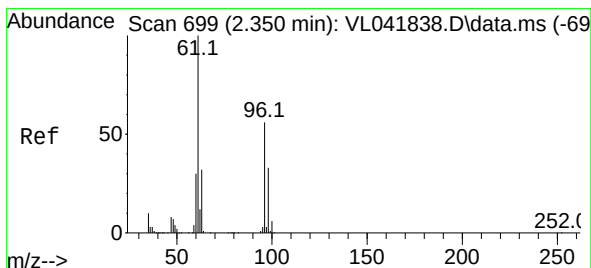
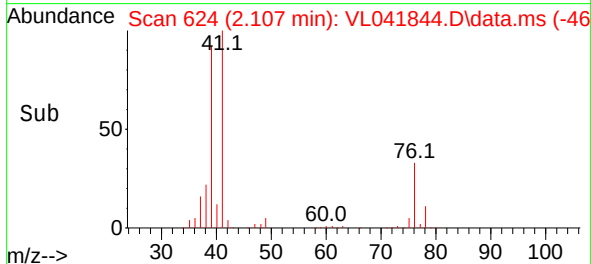
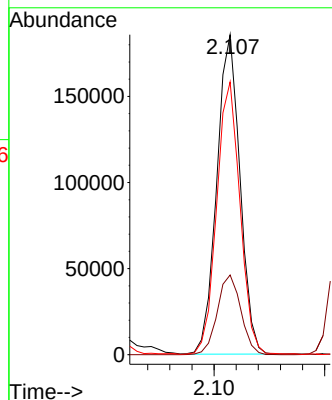
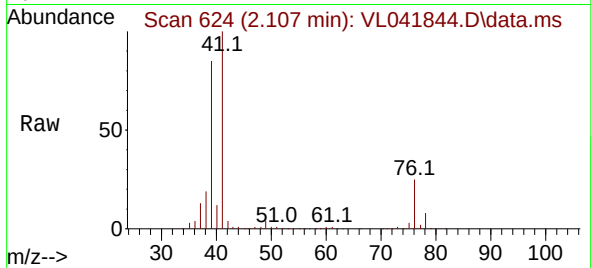




#21
 Allyl Chloride
 Concen: 15.264 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

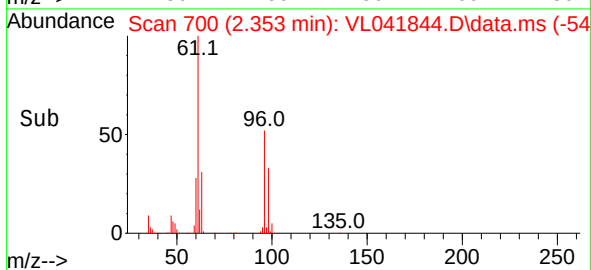
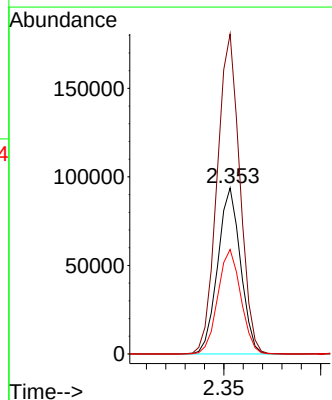
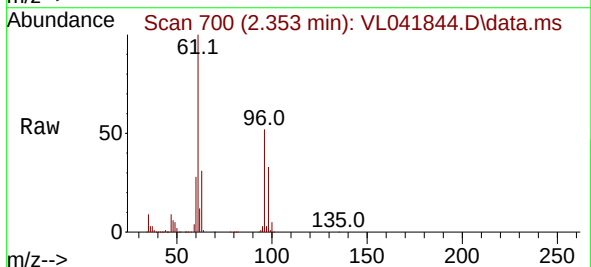
Instrument :
 MSVOA_L
 ClientSampleId :

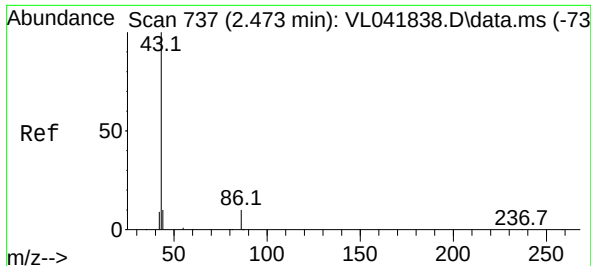
Tgt Ion: 41 Resp: 135077
 Ion Ratio Lower Upper
 41 100
 76 25.3 20.6 31.0
 39 86.1 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 14.107 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

Tgt Ion: 96 Resp: 76536
 Ion Ratio Lower Upper
 96 100
 61 192.6 144.0 216.0
 98 62.9 46.9 70.3





#23

Vinyl Acetate

Concen: 15.804 ppbv

RT: 2.476 min Scan# 737

Delta R.T. 0.003 min

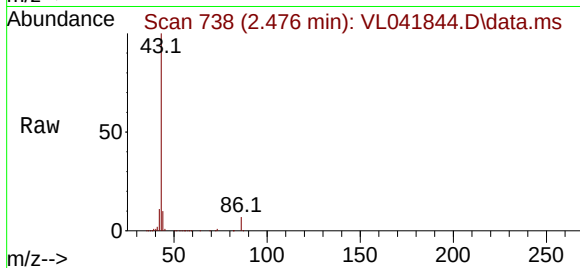
Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 87069

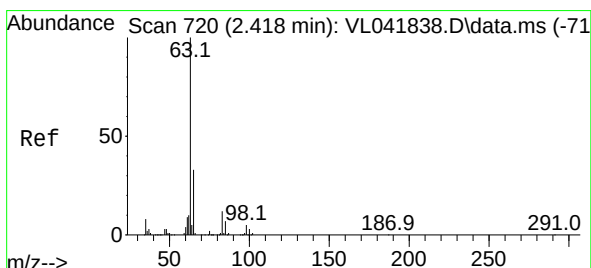
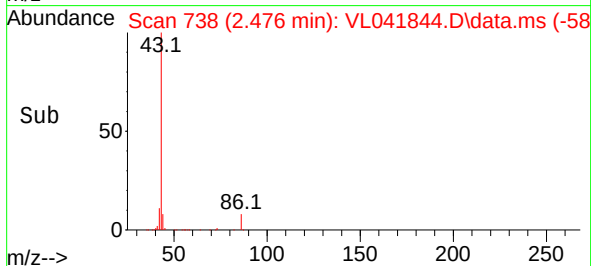
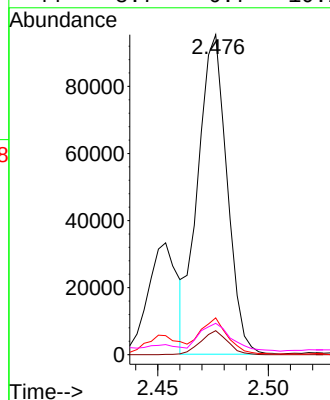
Ion Ratio Lower Upper

43 100

86 7.5 6.4 9.6

42 11.3 9.5 14.3

44 8.7 6.7 10.1



#24

1,1-Dichloroethane

Concen: 14.503 ppbv

RT: 2.421 min Scan# 721

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

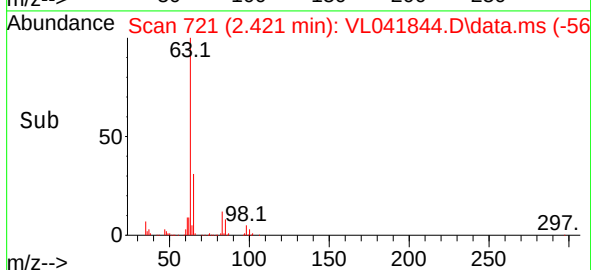
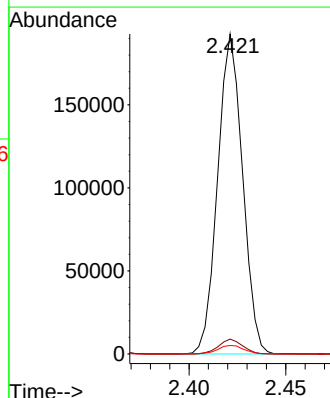
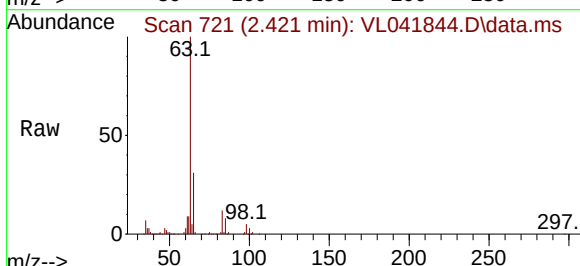
Tgt Ion: 63 Resp: 172210

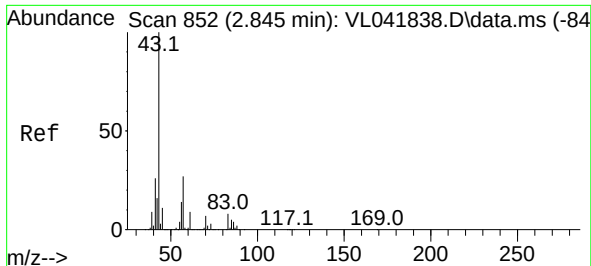
Ion Ratio Lower Upper

63 100

98 4.7 2.3 6.9

100 2.6 1.4 4.0



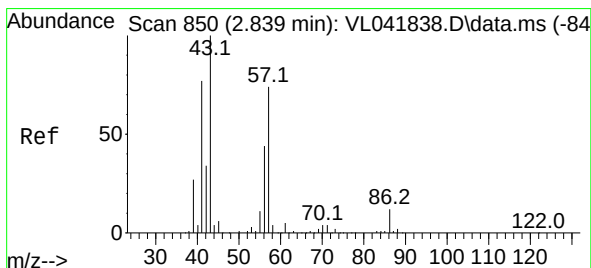
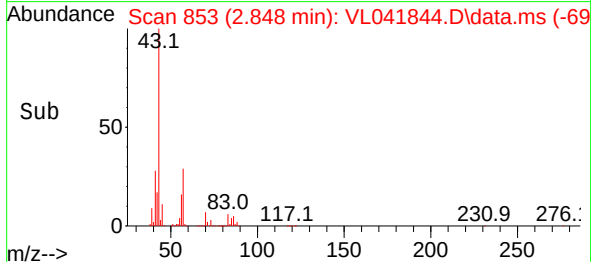
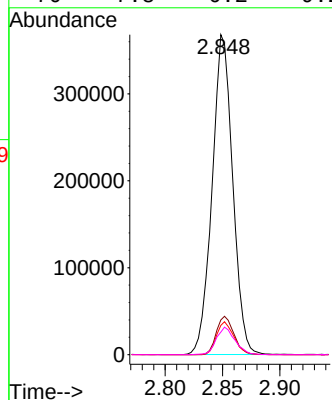
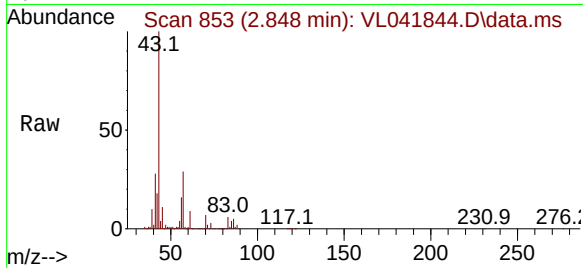


#25
Ethyl Acetate
Concen: 15.955 ppbv
RT: 2.848 min Scan# 850
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 459657

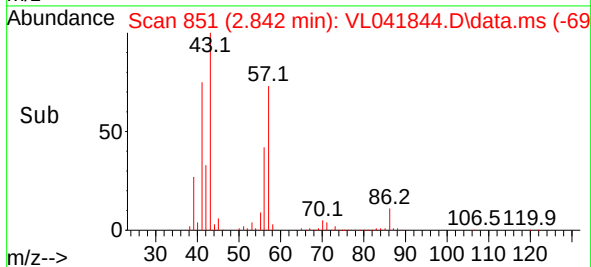
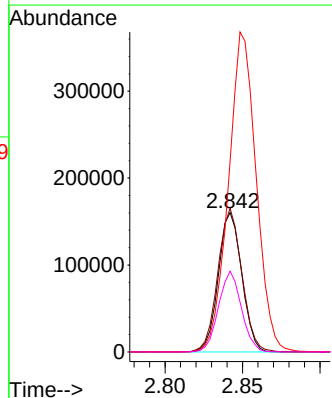
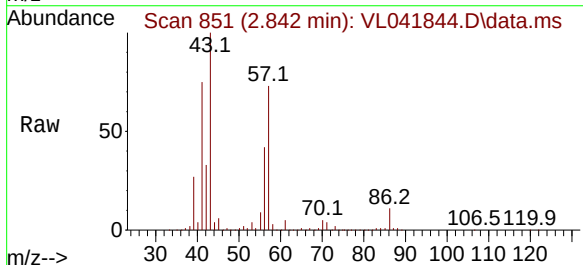
Ion	Ratio	Lower	Upper
43	100		
45	10.3	7.8	11.8
61	8.7	7.0	10.6
70	7.8	6.2	9.2

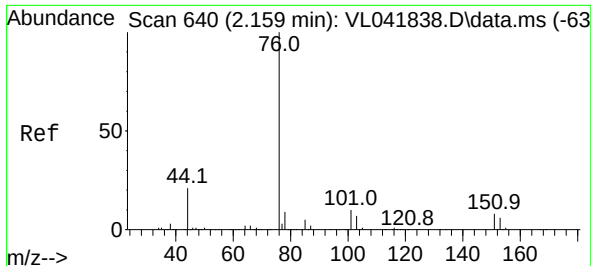


#26
Hexane
Concen: 16.841 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 57 Resp: 168383

Ion	Ratio	Lower	Upper
57	100		
41	106.4	84.0	126.0
43	273.1	218.4	327.6
56	56.8	45.7	68.5





#27

Carbon Disulfide

Concen: 17.474 ppbv

RT: 2.162 min Scan# 641

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

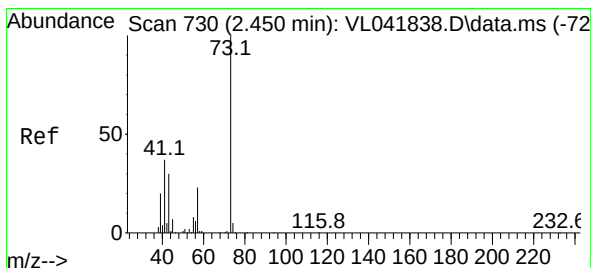
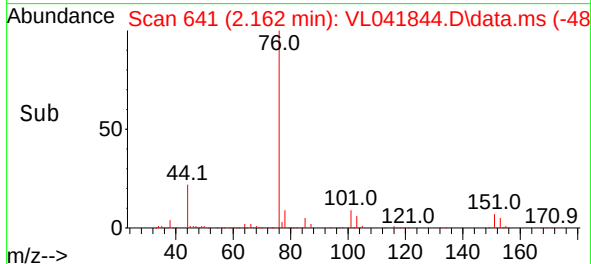
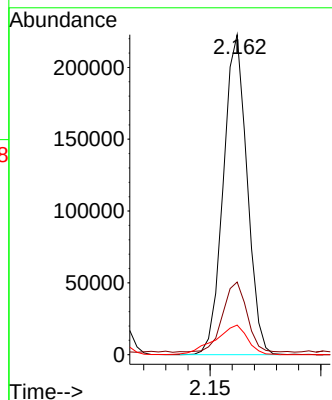
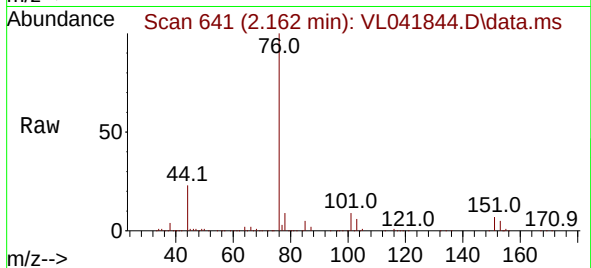
Tgt Ion: 76 Resp: 165817

Ion Ratio Lower Upper

76 100

44 23.4 19.8 29.8

78 12.7 9.8 14.8



#28

Methyl tert-Butyl Ether

Concen: 14.065 ppbv

RT: 2.454 min Scan# 731

Delta R.T. 0.003 min

Lab File: VL041844.D

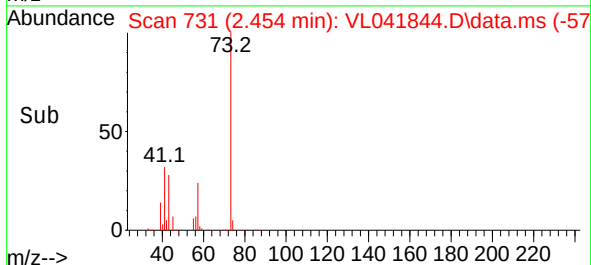
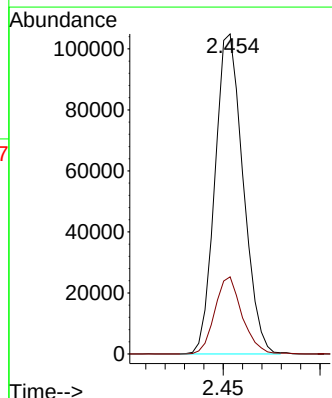
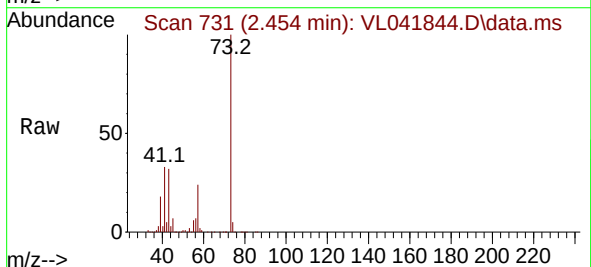
Acq: 07 Jan 2025 12:25

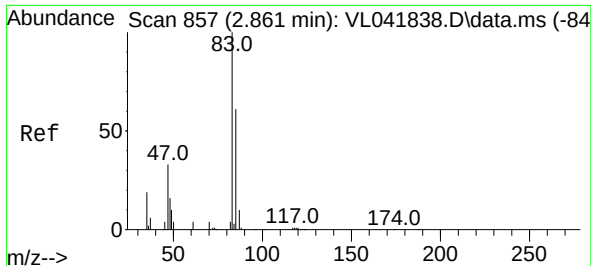
Tgt Ion: 73 Resp: 105985

Ion Ratio Lower Upper

73 100

57 23.3 18.4 27.6





#29

Chloroform

Concen: 14.134 ppbv

RT: 2.865 min Scan# 857

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

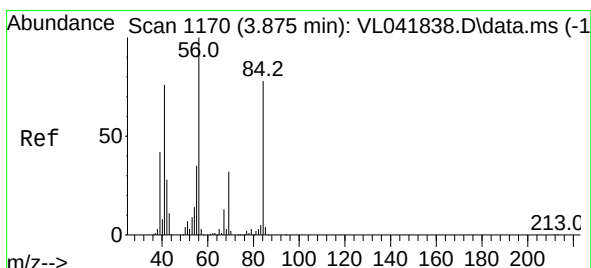
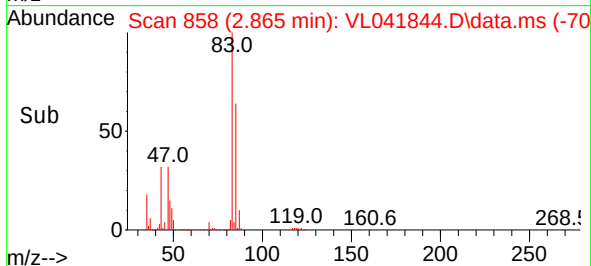
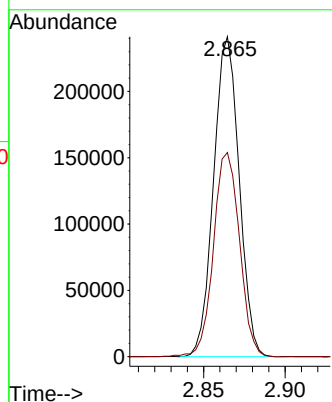
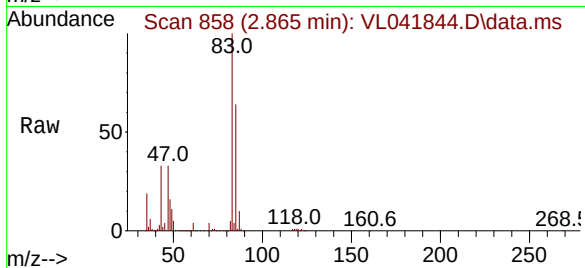
ClientSampleId :

Tgt Ion: 83 Resp: 262539

Ion Ratio Lower Upper

83 100

85 63.8 49.6 74.4



#30

Cyclohexane

Concen: 17.879 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

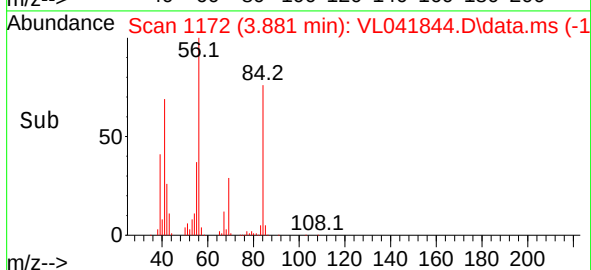
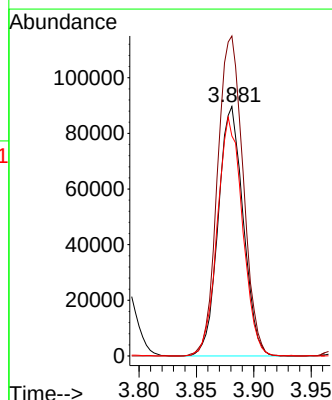
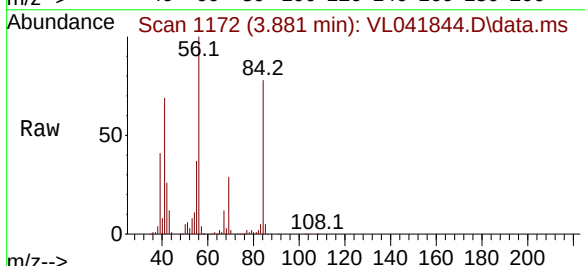
Tgt Ion: 84 Resp: 135635

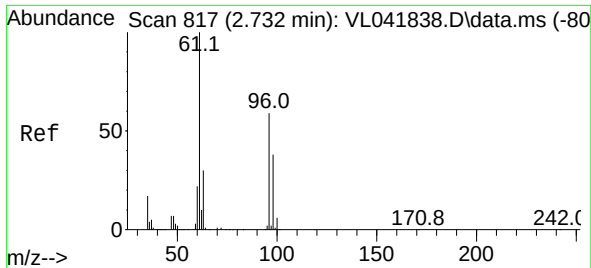
Ion Ratio Lower Upper

84 100

56 131.8 105.0 157.6

41 96.7 78.9 118.3

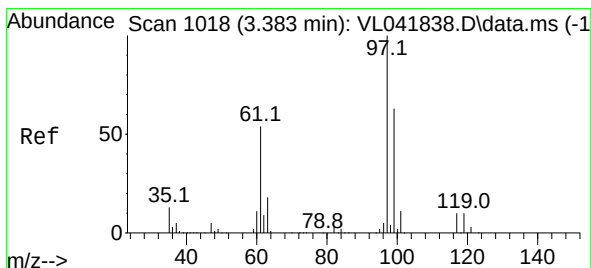
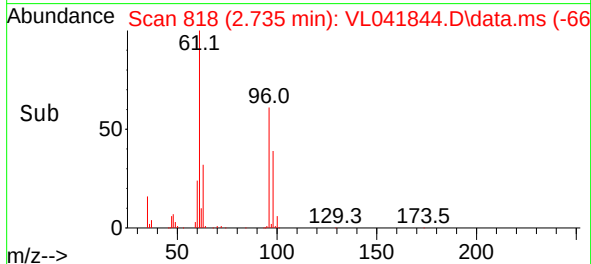
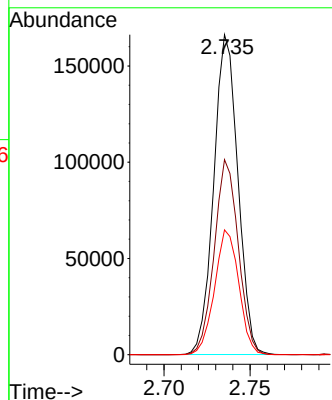
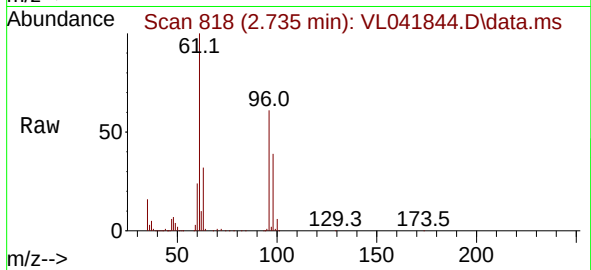




#31
 cis-1,2-Dichloroethene
 Concen: 15.779 ppbv
 RT: 2.735 min Scan# 817
 Delta R.T. 0.003 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

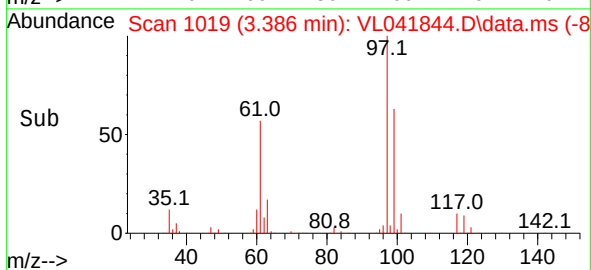
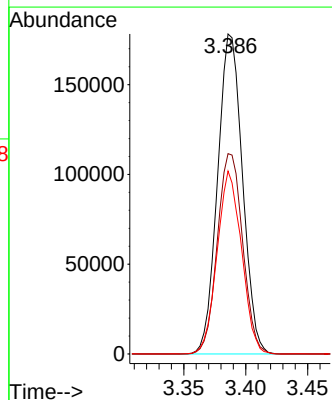
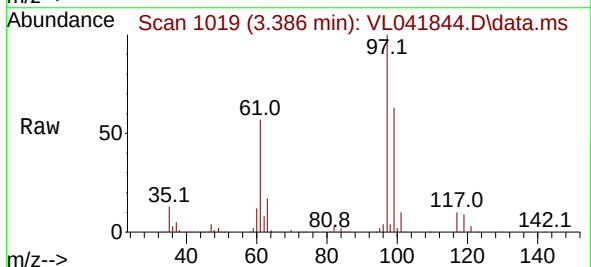
Instrument :
 MSVOA_L
 ClientSampleId :

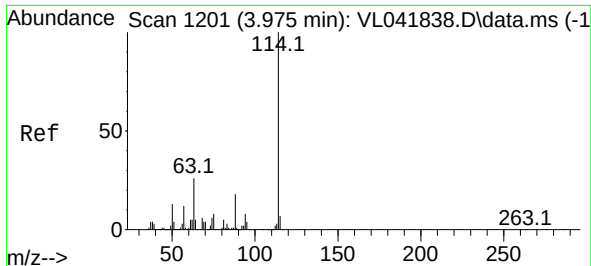
Tgt Ion: 61 Resp: 162395
 Ion Ratio Lower Upper
 61 100
 96 61.0 47.6 71.4
 98 39.0 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 14.840 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.003 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

Tgt Ion: 97 Resp: 249799
 Ion Ratio Lower Upper
 97 100
 99 63.7 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: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

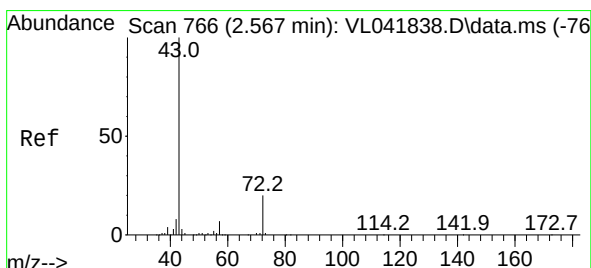
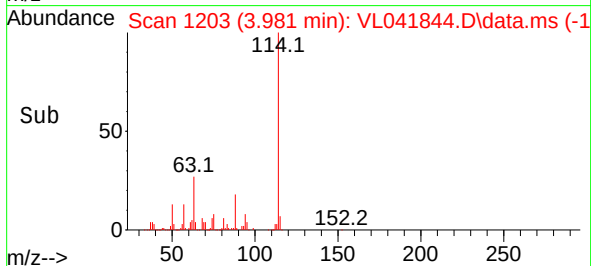
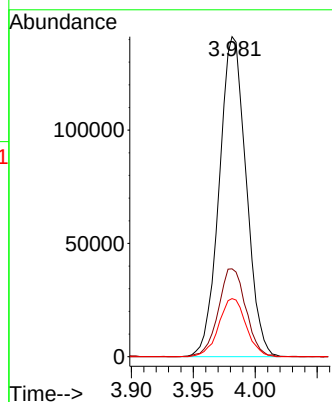
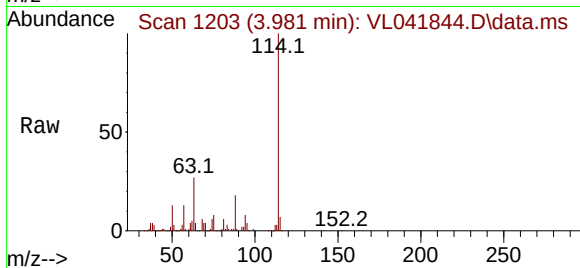
Tgt Ion:114 Resp: 214048

Ion Ratio Lower Upper

114 100

63 28.2 22.3 33.5

88 18.4 14.9 22.3



#34

2-Butanone

Concen: 15.534 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL041844.D

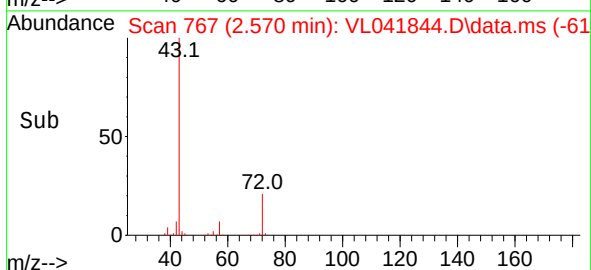
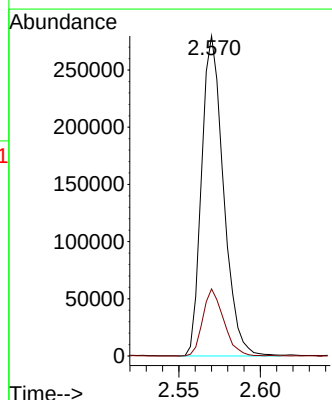
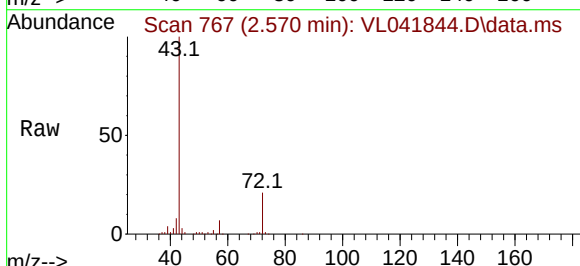
Acq: 07 Jan 2025 12:25

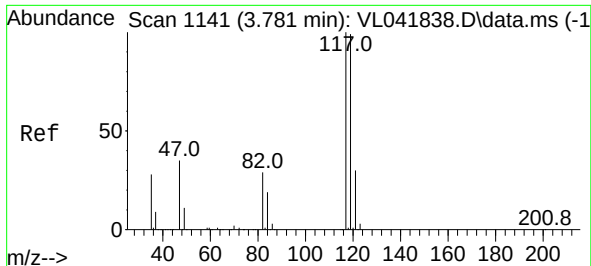
Tgt Ion: 43 Resp: 261912

Ion Ratio Lower Upper

43 100

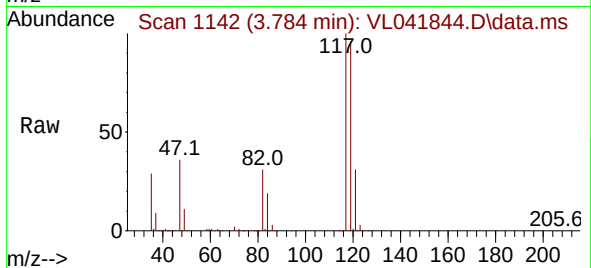
72 20.1 16.6 25.0



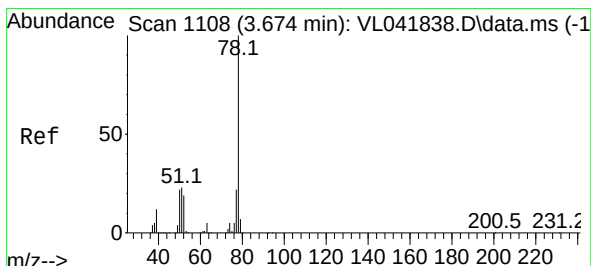
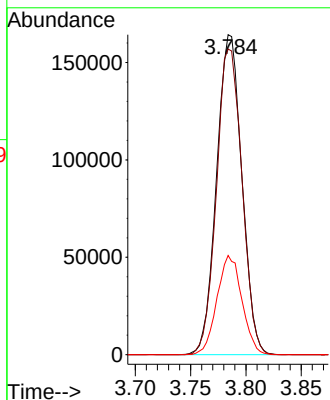
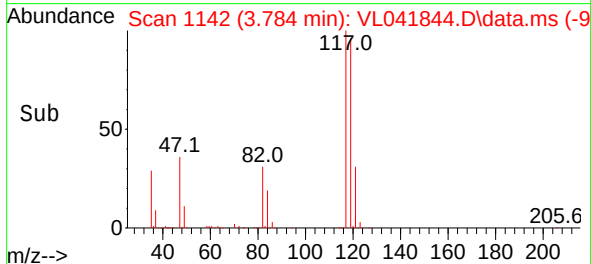


#35
Carbon Tetrachloride
Concen: 16.145 ppbv
RT: 3.784 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :

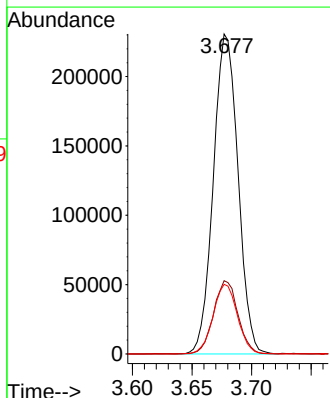
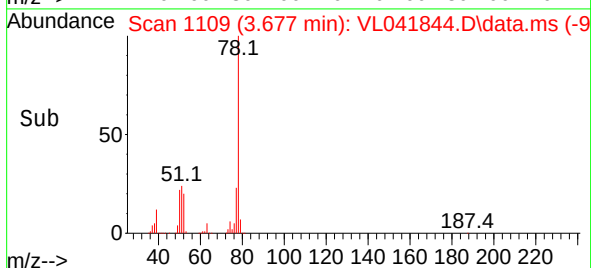
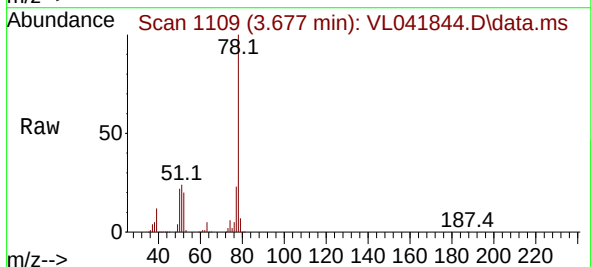


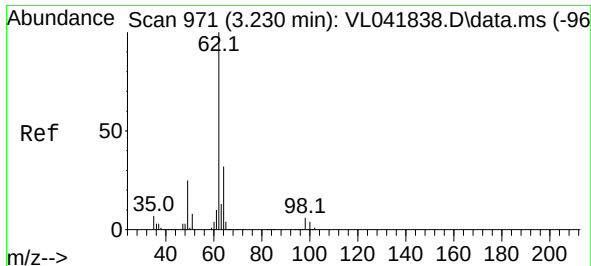
Tgt Ion:117 Resp: 261173
Ion Ratio Lower Upper
117 100
119 95.5 79.1 118.7
121 31.0 24.2 36.2



#36
Benzene
Concen: 16.230 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 78 Resp: 331869
Ion Ratio Lower Upper
78 100
77 22.9 17.4 26.0
50 21.8 17.3 25.9





#37

1,2-Dichloroethane

Concen: 15.469 ppbv

RT: 3.237 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

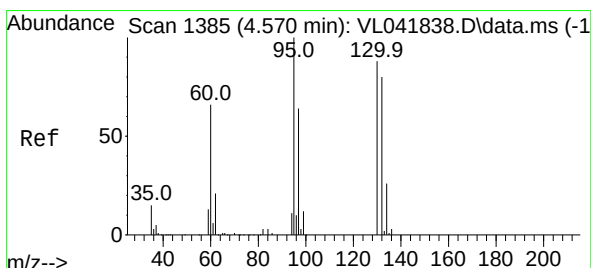
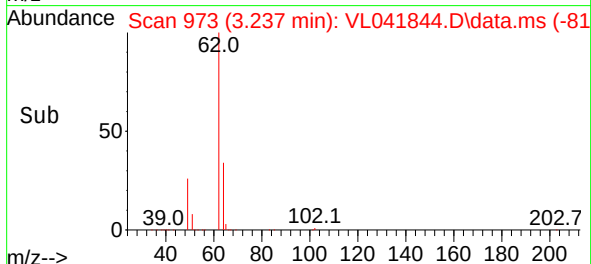
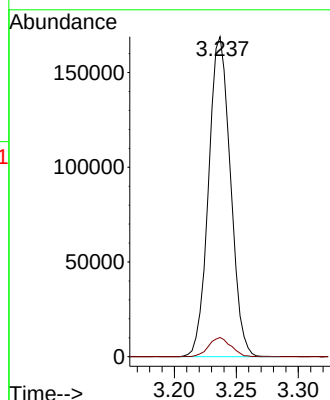
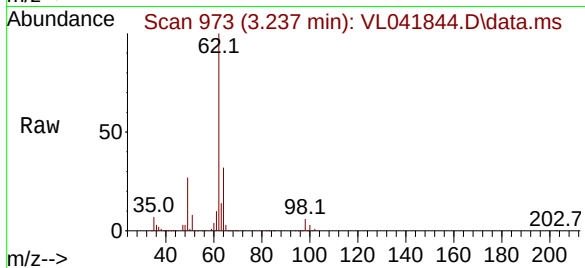
ClientSampleId :

Tgt Ion: 62 Resp: 207949

Ion Ratio Lower Upper

62 100

98 6.1 4.8 7.2



#38

Trichloroethene

Concen: 15.656 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:130 Resp: 125492

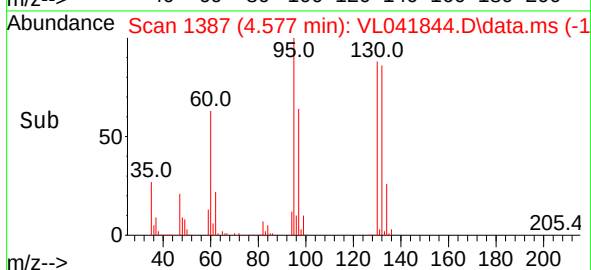
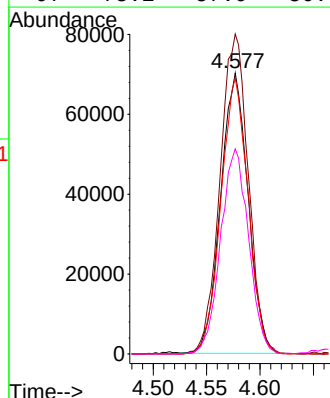
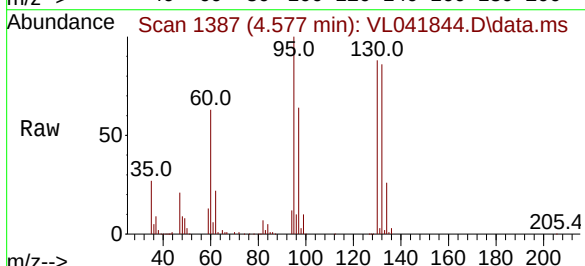
Ion Ratio Lower Upper

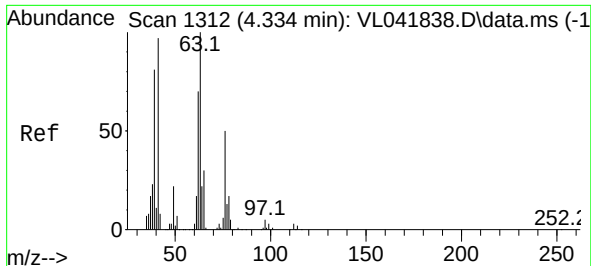
130 100

95 114.1 90.1 135.1

132 98.4 71.8 107.8

97 73.2 57.9 86.9





#39

1,2-Dichloropropane

Concen: 15.543 ppbv

RT: 4.337 min Scan# 1312

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

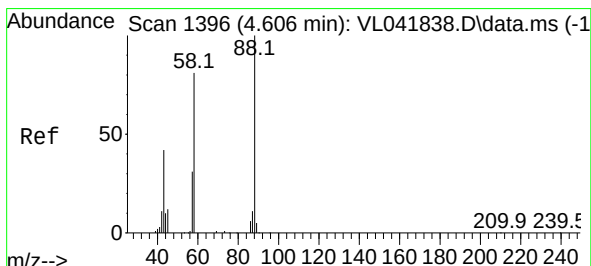
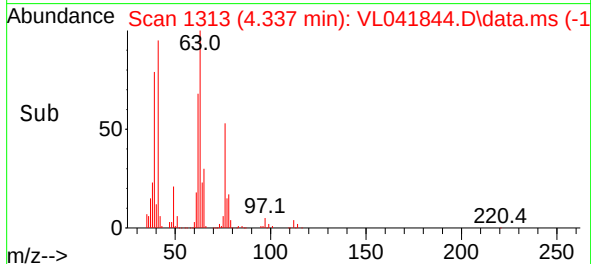
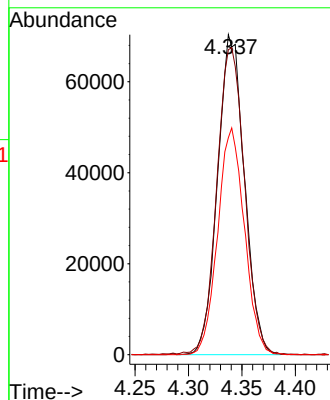
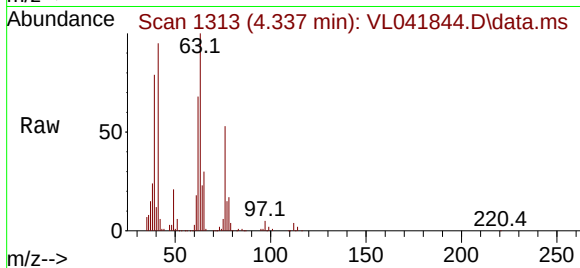
Tgt Ion: 63 Resp: 122940

Ion Ratio Lower Upper

63 100

41 95.1 77.7 116.5

62 67.7 56.2 84.2



#40

1,4-Dioxane

Concen: 18.048 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion: 88 Resp: 55317

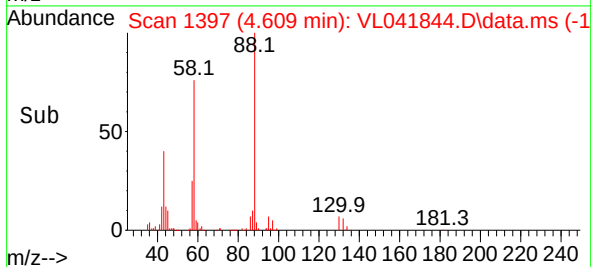
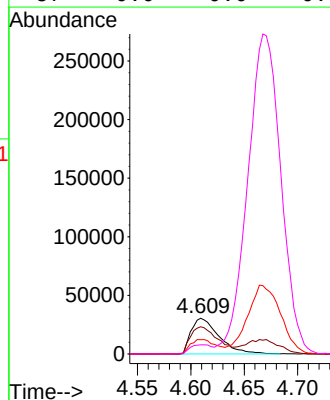
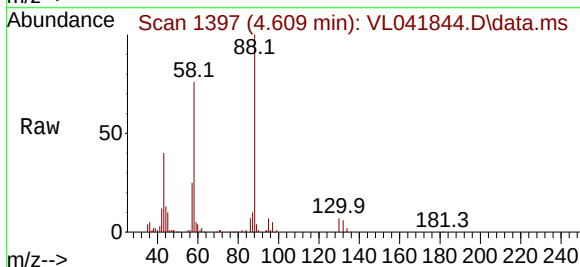
Ion Ratio Lower Upper

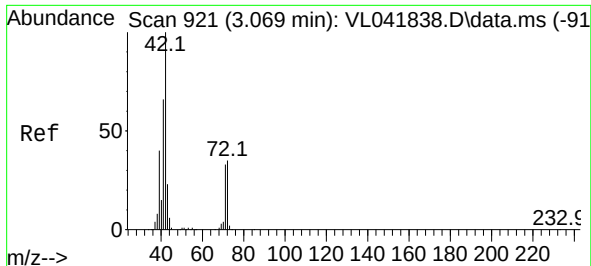
88 100

58 73.9 63.0 94.6

43 36.0 30.0 45.0

57 0.0 0.0 0.0

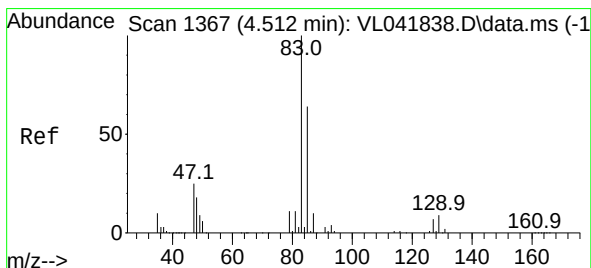
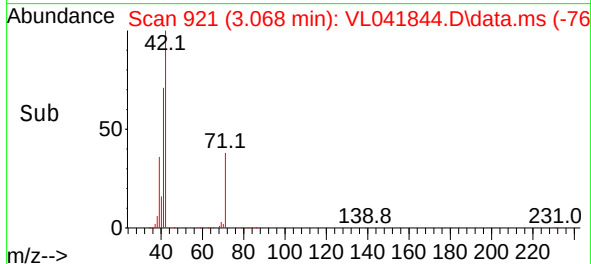
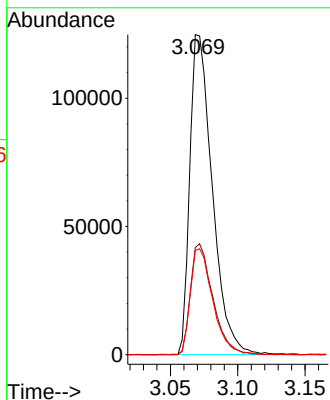
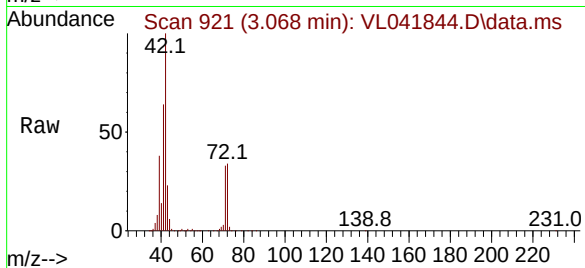




#41
Tetrahydrofuran
Concen: 18.249 ppbv
RT: 3.068 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

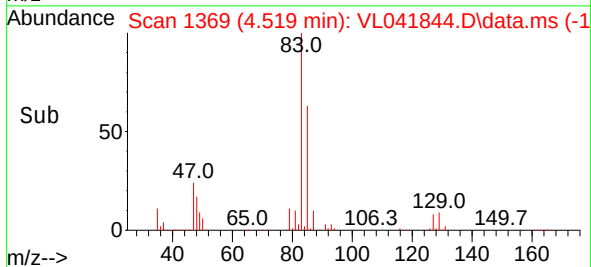
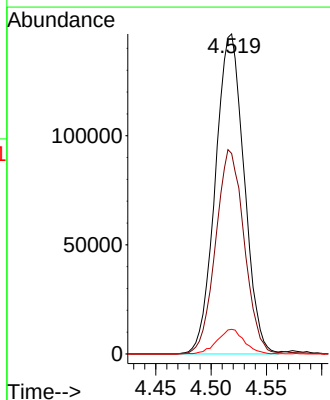
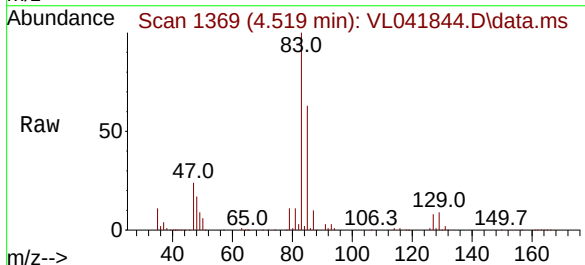
Instrument :
MSVOA_L
ClientSampleId :

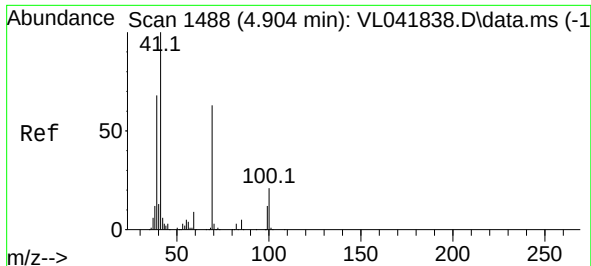
Tgt Ion: 42 Resp: 145035
Ion Ratio Lower Upper
42 100
72 34.4 27.9 41.9
71 33.1 26.5 39.7



#42
Bromodichloromethane
Concen: 16.811 ppbv
RT: 4.519 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 83 Resp: 265034
Ion Ratio Lower Upper
83 100
85 62.6 51.3 76.9
127 7.7 5.6 8.4





#43

Methyl Methacrylate

Concen: 19.826 ppbv

RT: 4.913 min Scan# 1415

Delta R.T. 0.010 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

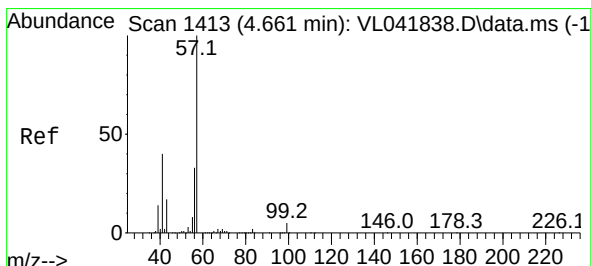
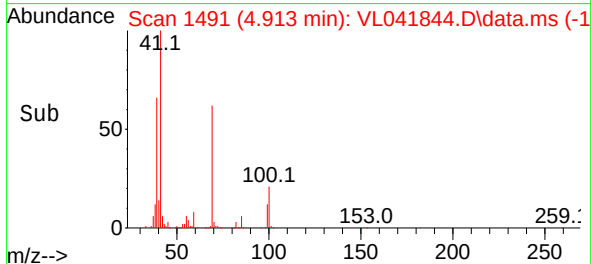
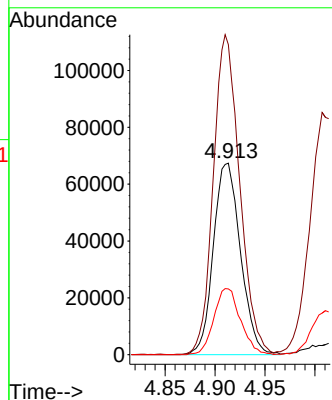
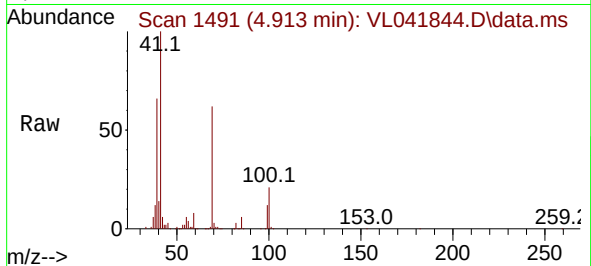
Tgt Ion: 69 Resp: 127306

Ion Ratio Lower Upper

69 100

41 162.5 132.2 198.2

100 33.9 28.2 42.4



#44

2,2,4-Trimethylpentane

Concen: 17.503 ppbv

RT: 4.667 min Scan# 1415

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

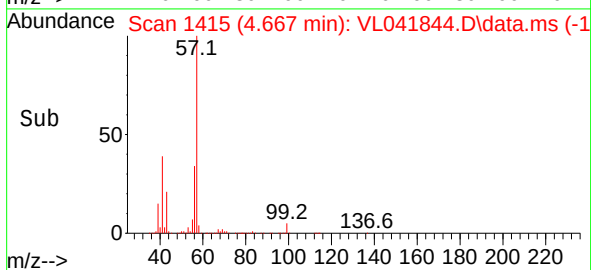
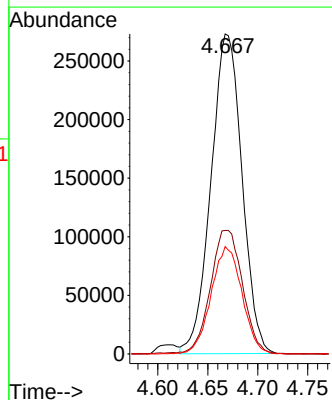
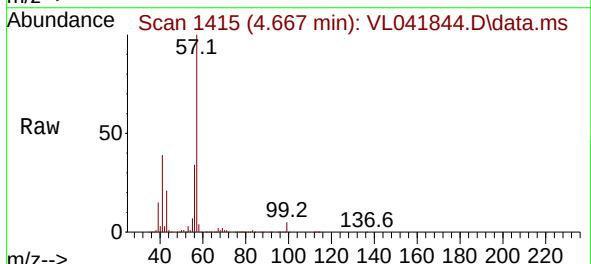
Tgt Ion: 57 Resp: 589679

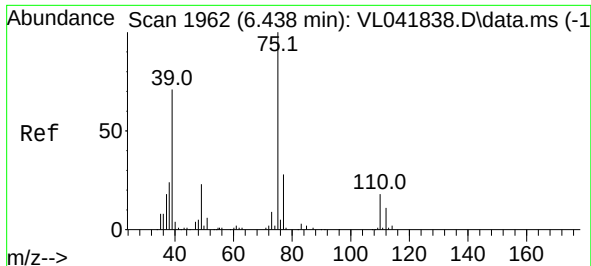
Ion Ratio Lower Upper

57 100

41 40.4 31.4 47.2

56 33.5 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 19.228 ppbv

RT: 6.451 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

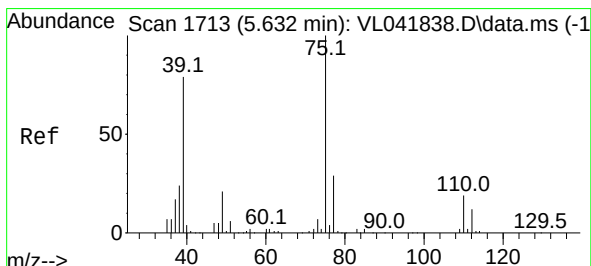
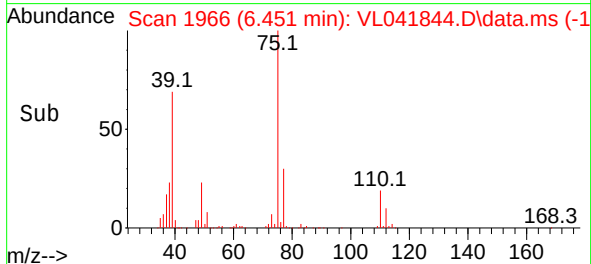
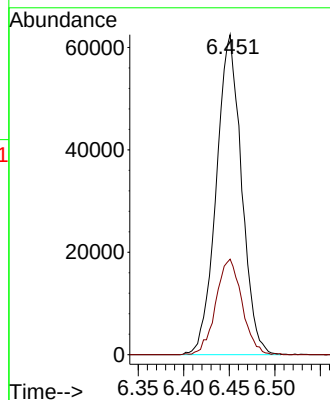
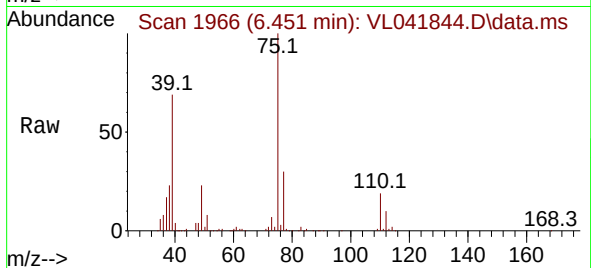
ClientSampleId :

Tgt Ion: 75 Resp: 120537

Ion Ratio Lower Upper

75 100

77 29.9 22.2 33.4



#46

cis-1,3-Dichloropropene

Concen: 18.952 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

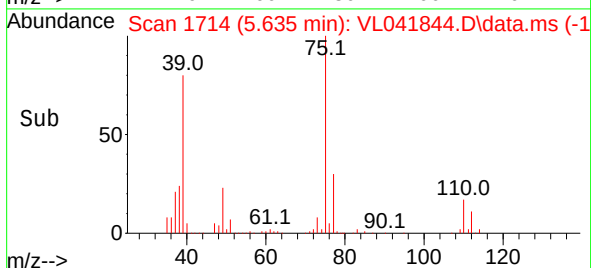
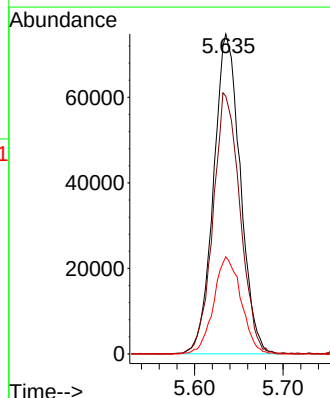
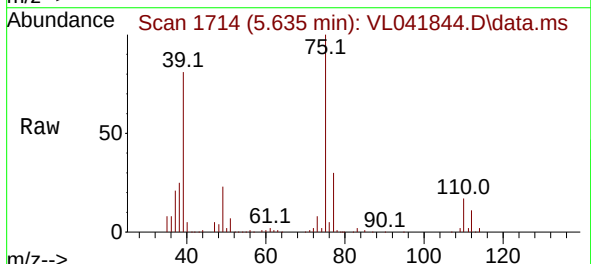
Tgt Ion: 75 Resp: 156300

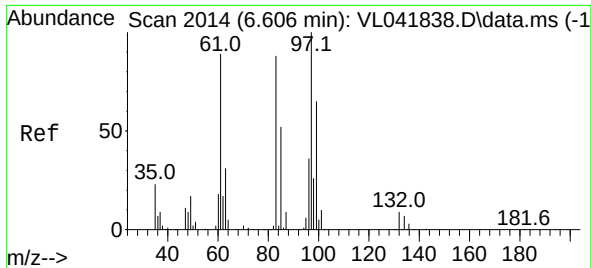
Ion Ratio Lower Upper

75 100

39 80.4 63.3 94.9

77 30.3 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 15.477 ppbv

RT: 6.613 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 129484

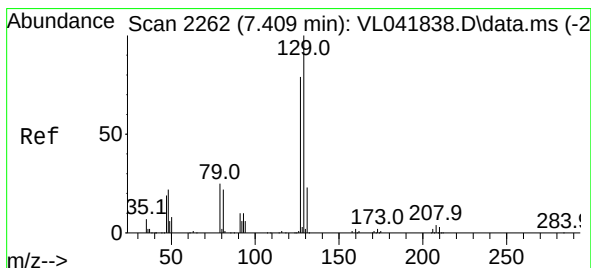
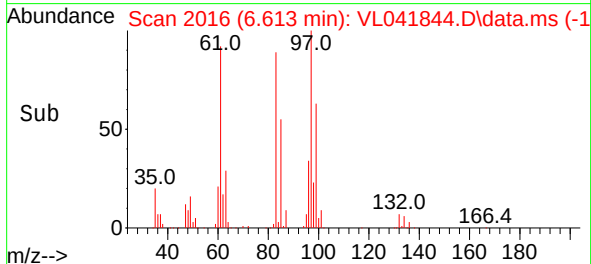
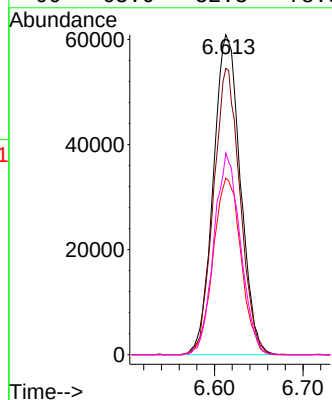
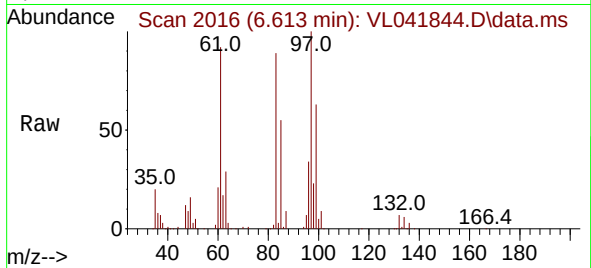
Ion Ratio Lower Upper

97 100

83 89.4 70.3 105.5

85 55.1 41.5 62.3

99 63.0 52.3 78.5



#48

Dibromochloromethane

Concen: 18.252 ppbv

RT: 7.415 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VL041844.D

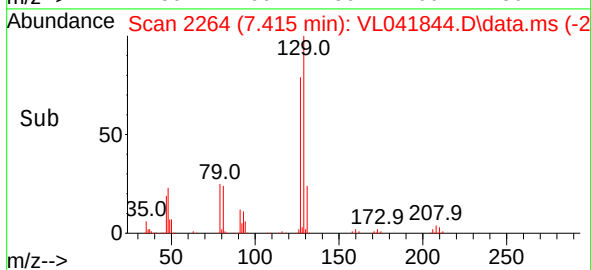
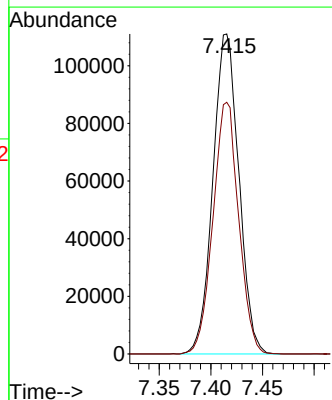
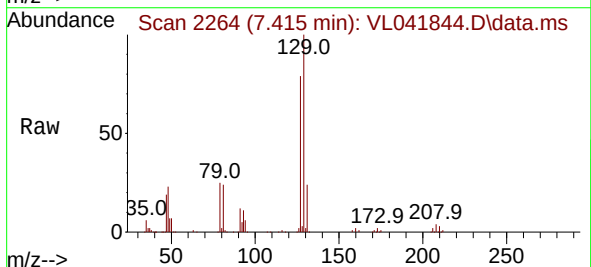
Acq: 07 Jan 2025 12:25

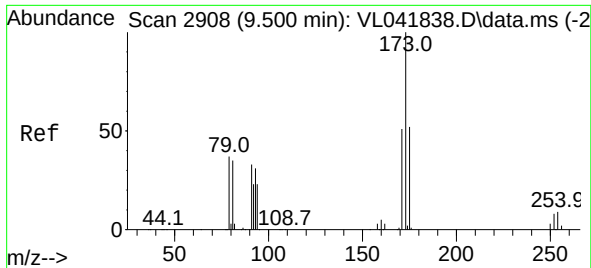
Tgt Ion: 129 Resp: 194367

Ion Ratio Lower Upper

129 100

127 77.8 38.7 116.1

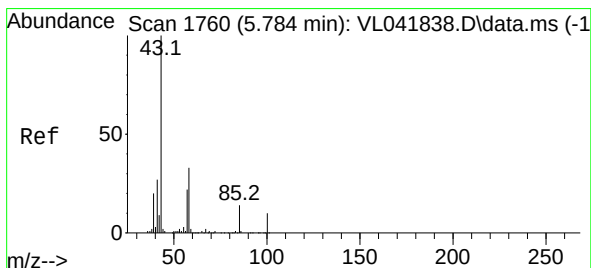
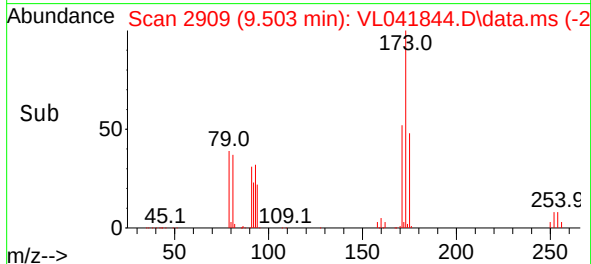
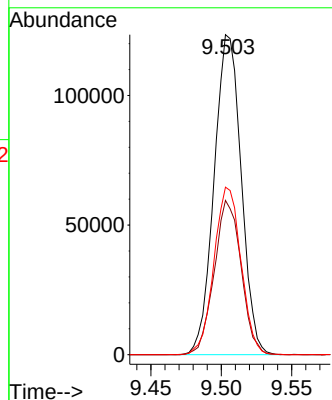
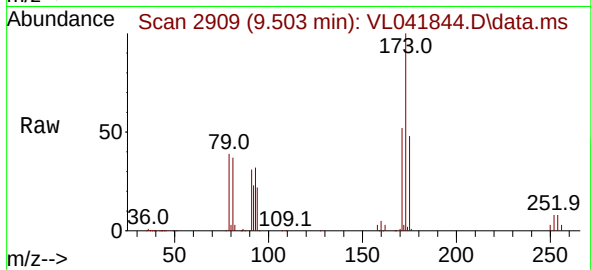




#49
Bromoform
Concen: 19.360 ppbv
RT: 9.503 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

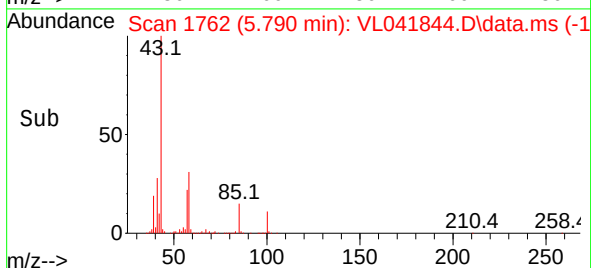
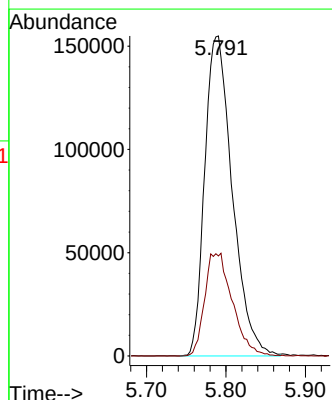
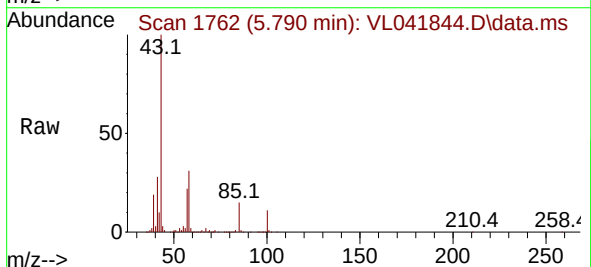
Instrument :
MSVOA_L
ClientSampleId :

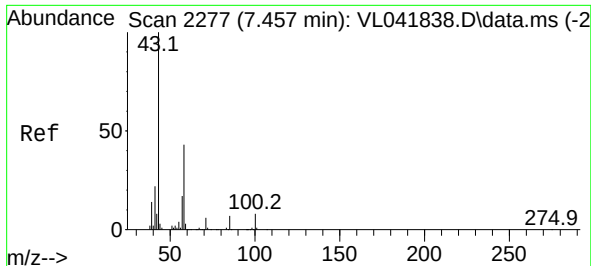
Tgt Ion:173 Resp: 165226
Ion Ratio Lower Upper
173 100
175 47.8 39.5 59.3
171 52.2 41.5 62.3



#50
4-Methyl-2-Pentanone
Concen: 19.190 ppbv
RT: 5.790 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 43 Resp: 373823
Ion Ratio Lower Upper
43 100
58 32.3 25.6 38.4

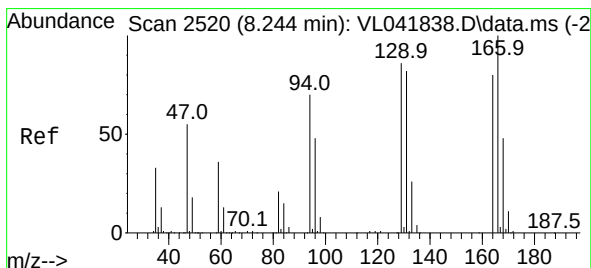
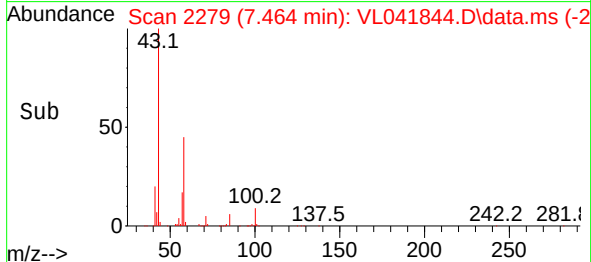
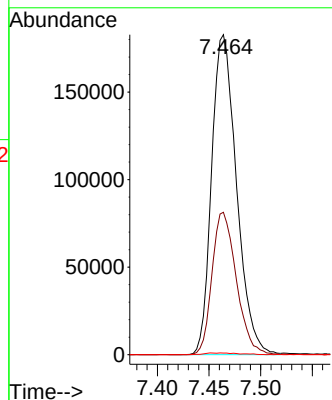
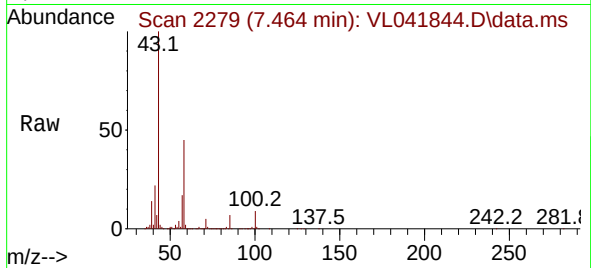




#51
2-Hexanone
Concen: 20.756 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

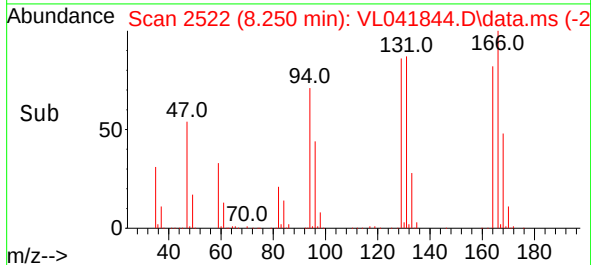
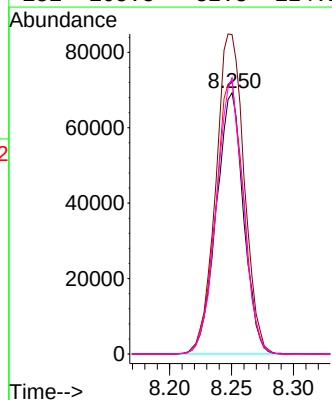
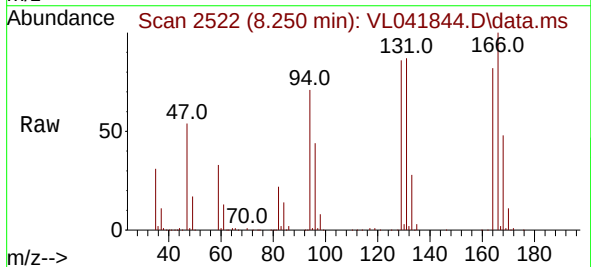
Instrument :
MSVOA_L
ClientSampleId :

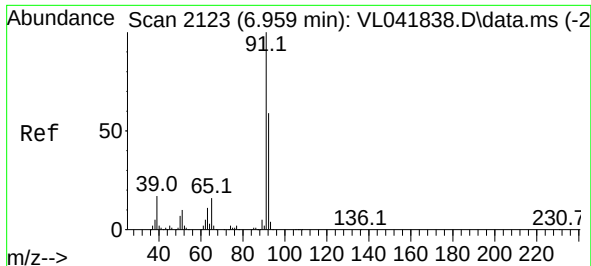
Tgt Ion: 43 Resp: 306279
Ion Ratio Lower Upper
43 100
58 43.5 33.8 50.8
98 0.8 0.7 1.1



#52
Tetrachloroethene
Concen: 17.472 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 164 Resp: 105951
Ion Ratio Lower Upper
164 100
166 122.1 100.4 150.6
129 104.6 85.9 128.9
131 105.8 82.8 124.2





#53

Toluene

Concen: 19.776 ppbv

RT: 6.962 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

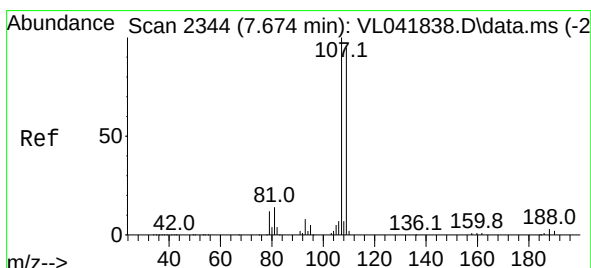
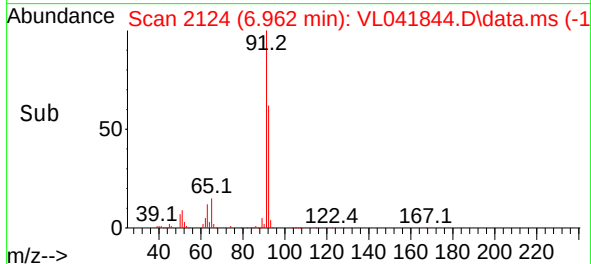
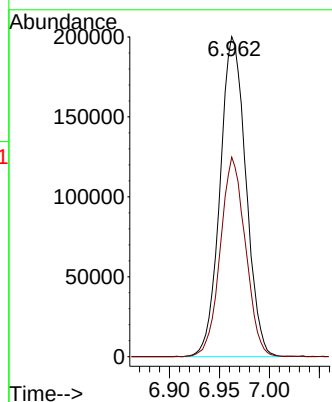
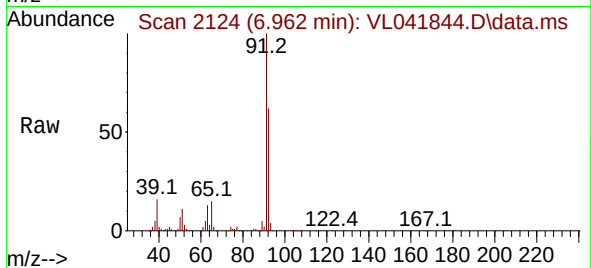
ClientSampleId :

Tgt Ion: 91 Resp: 360317

Ion Ratio Lower Upper

91 100

92 60.8 47.8 71.6



#54

1,2-Dibromoethane

Concen: 16.883 ppbv

RT: 7.677 min Scan# 2345

Delta R.T. 0.003 min

Lab File: VL041844.D

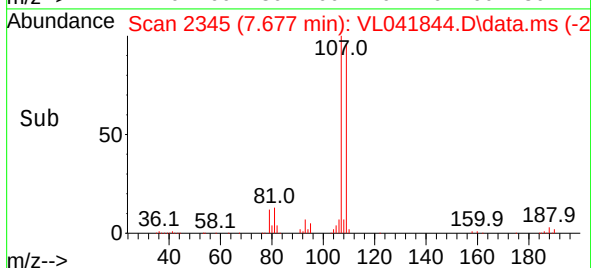
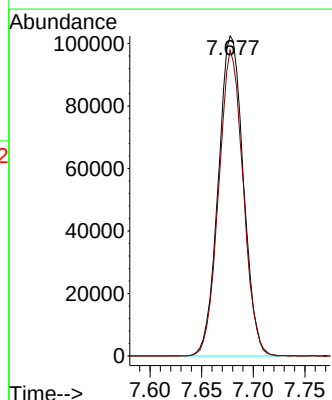
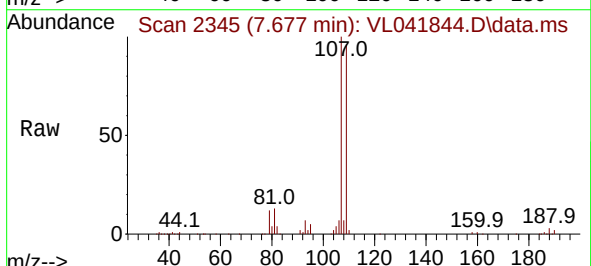
Acq: 07 Jan 2025 12:25

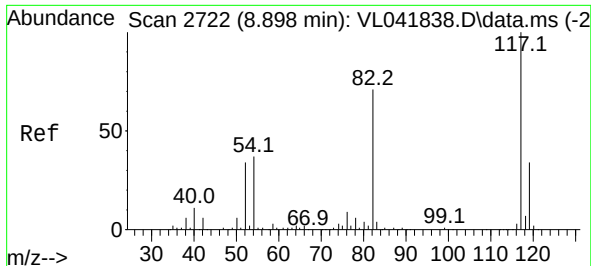
Tgt Ion:107 Resp: 172958

Ion Ratio Lower Upper

107 100

109 95.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

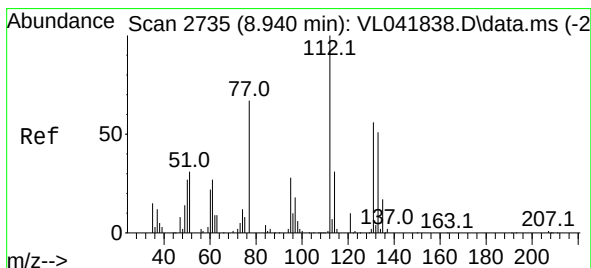
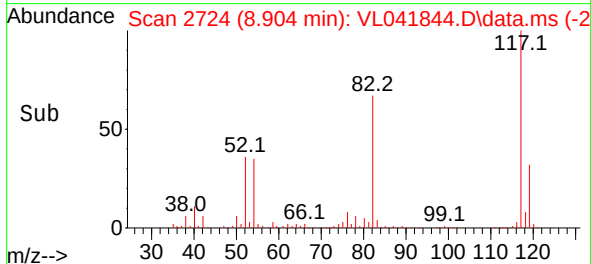
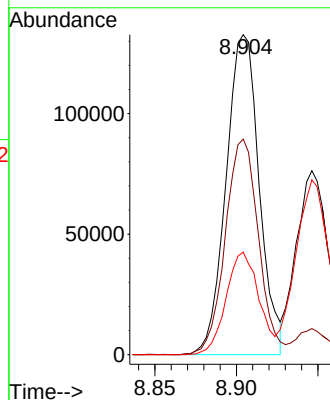
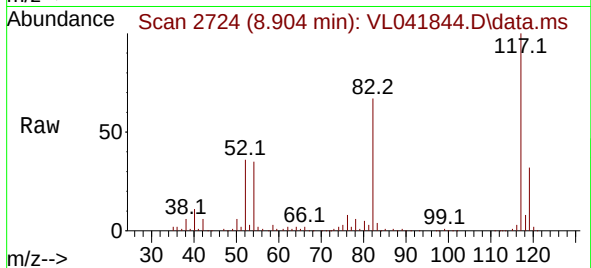
Tgt Ion:117 Resp: 188085

Ion Ratio Lower Upper

117 100

82 68.4 59.1 88.7

119 32.8 27.3 40.9



#56

1,1,1,2-Tetrachloroethane

Concen: 15.360 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

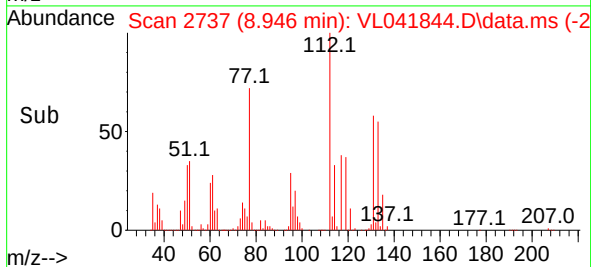
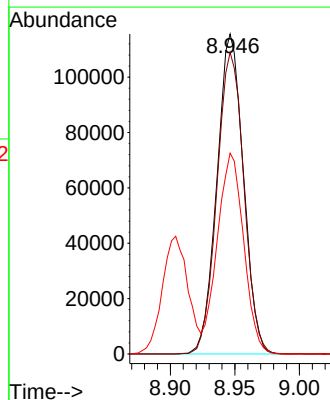
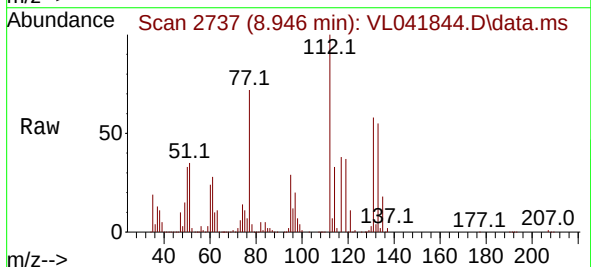
Tgt Ion:131 Resp: 164661

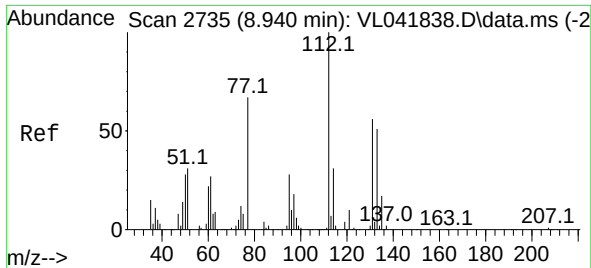
Ion Ratio Lower Upper

131 100

133 95.8 77.3 115.9

119 63.5 50.6 76.0

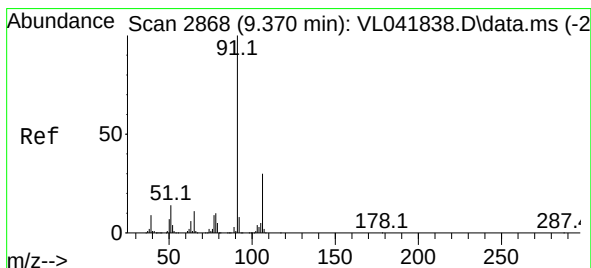
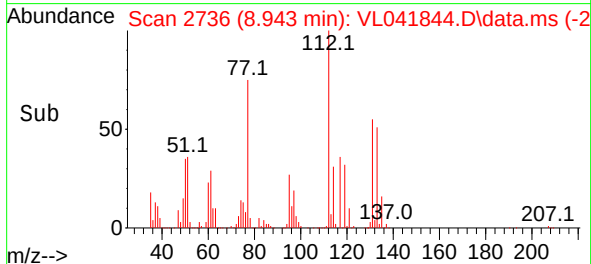
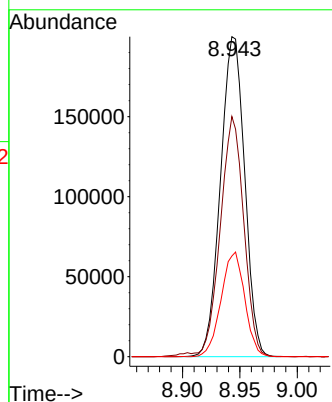
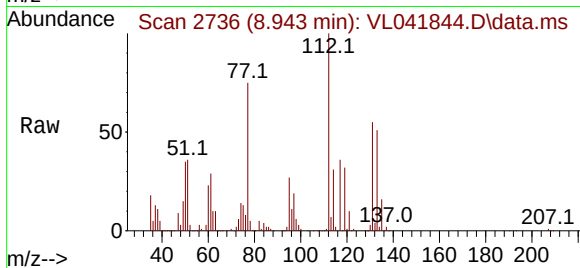




#57
Chlorobenzene
Concen: 14.921 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

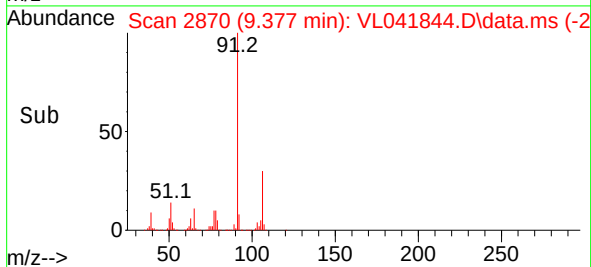
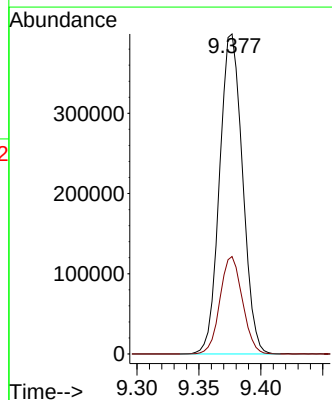
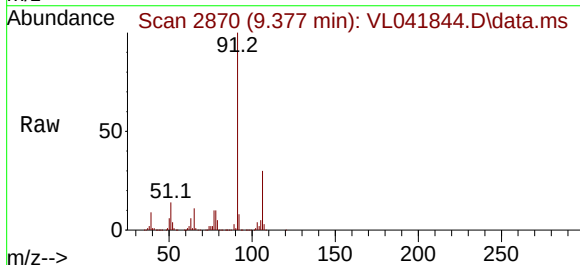
Instrument :
MSVOA_L
ClientSampleId :

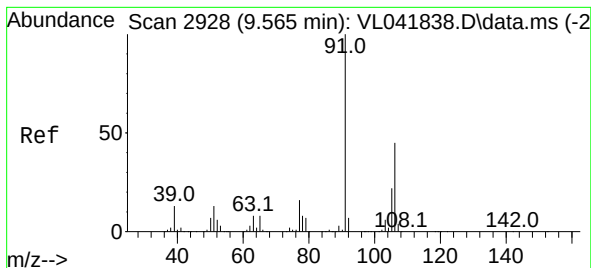
Tgt Ion:112 Resp: 293187
Ion Ratio Lower Upper
112 100
77 75.0 55.1 82.7
114 31.5 28.3 34.5



#58
Ethyl Benzene
Concen: 20.106 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 91 Resp: 515403
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8





#59

m/p-Xylene

Concen: 19.254 ppbv

RT: 9.571 min Scan# 2928

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

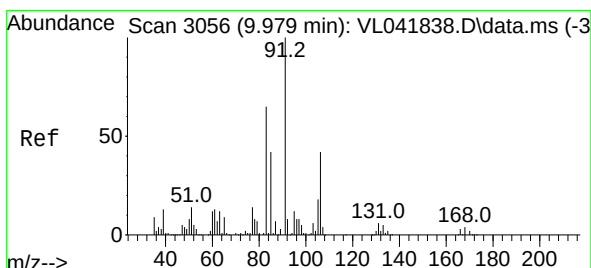
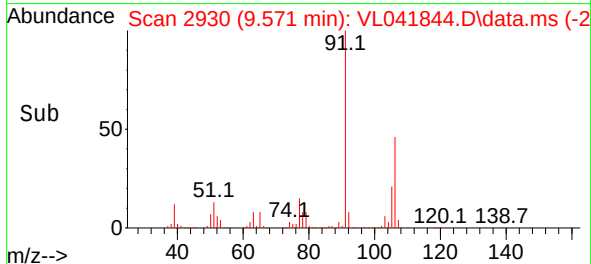
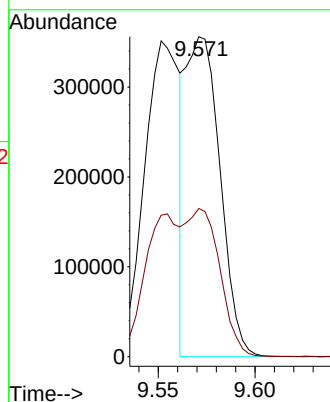
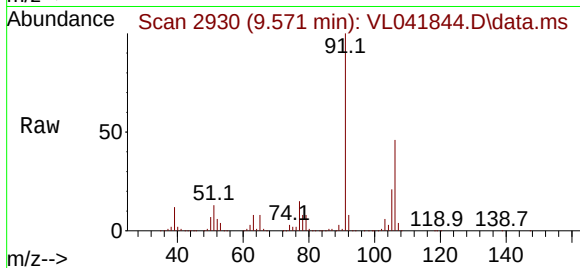
ClientSampleId :

Tgt Ion: 91 Resp: 435884

Ion Ratio Lower Upper

91 100

106 92.8 36.7 55.1#



#60

o-Xylene

Concen: 19.735 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.006 min

Lab File: VL041844.D

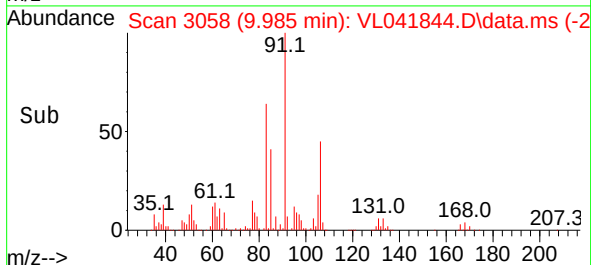
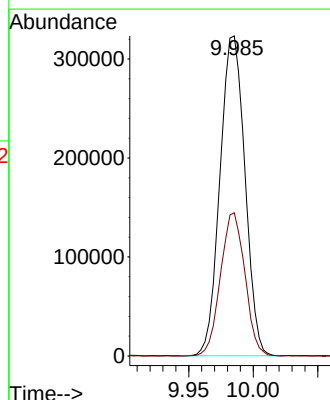
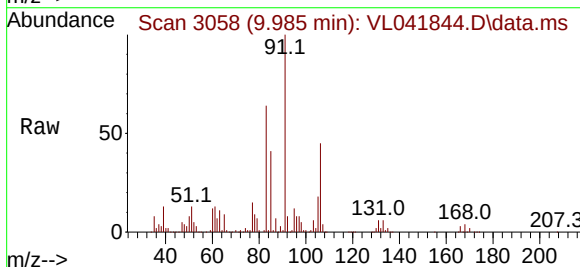
Acq: 07 Jan 2025 12:25

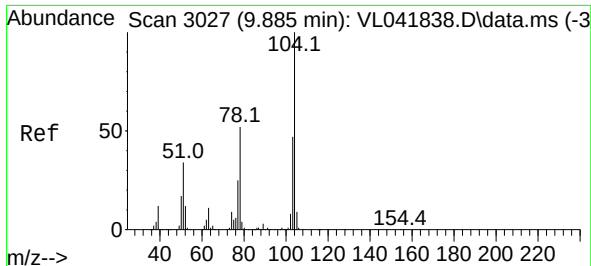
Tgt Ion: 91 Resp: 434378

Ion Ratio Lower Upper

91 100

106 43.8 21.9 65.5

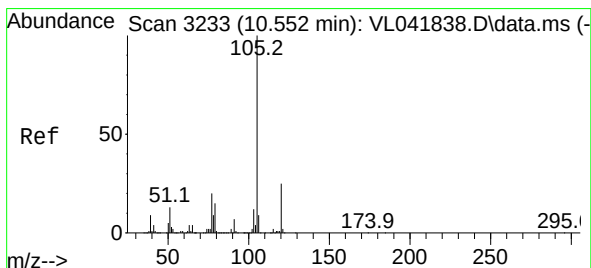
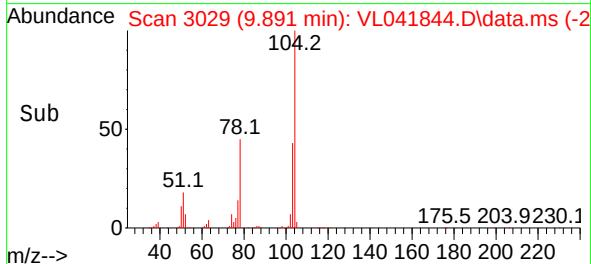
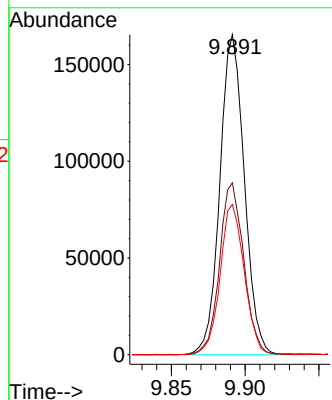
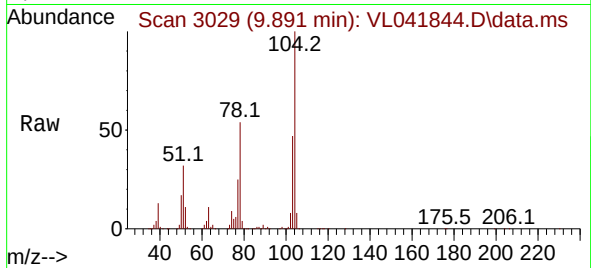




#61
Styrene
Concen: 22.378 ppbv
RT: 9.891 min Scan# 3027
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

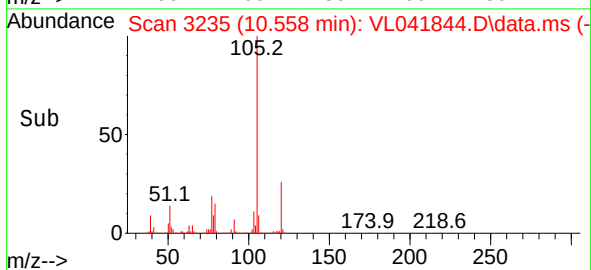
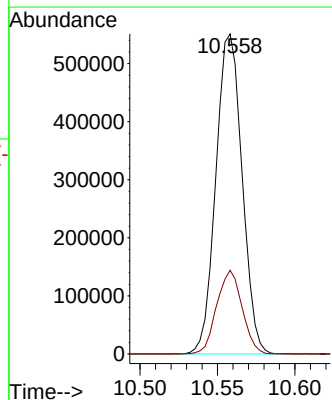
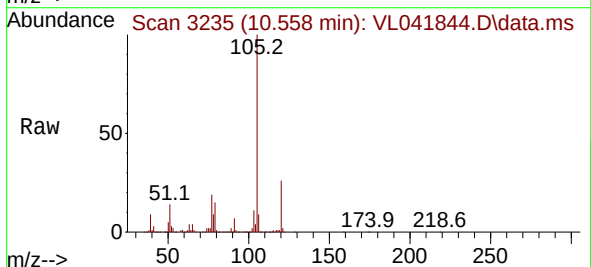
Instrument :
MSVOA_L
ClientSampleId :

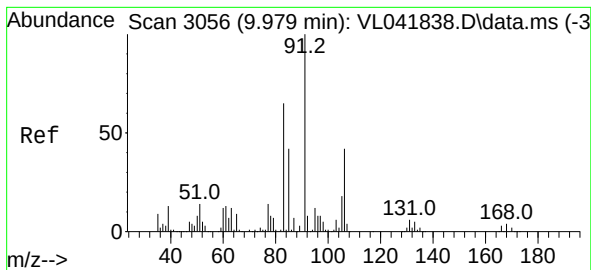
Tgt Ion:104 Resp: 191091
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 46.6 37.8 56.6



#62
Isopropylbenzene
Concen: 18.743 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:105 Resp: 648118
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6

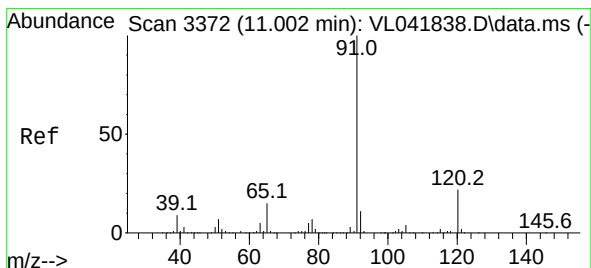
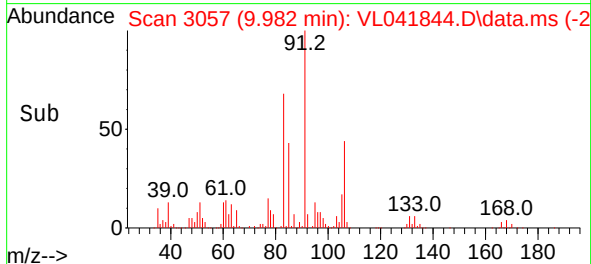
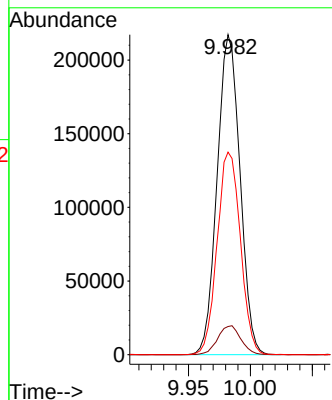
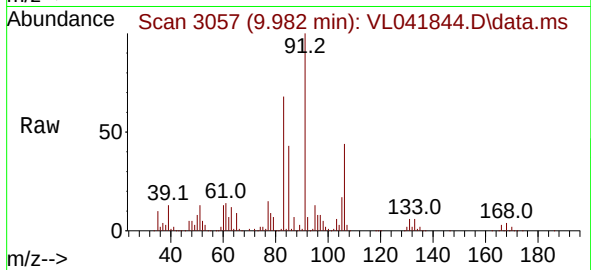




#63
1,1,2,2-Tetrachloroethane
Concen: 14.477 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

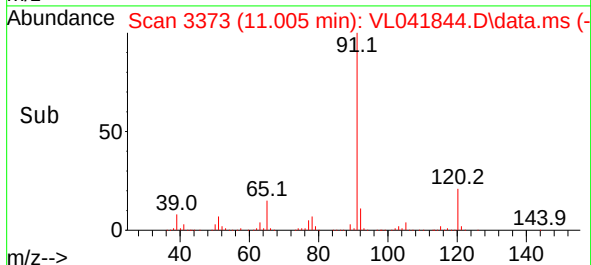
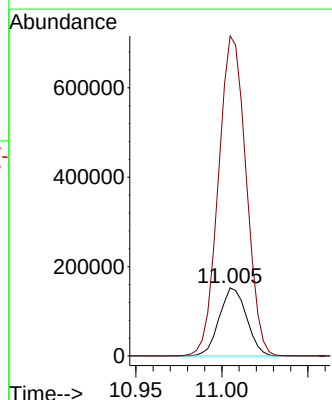
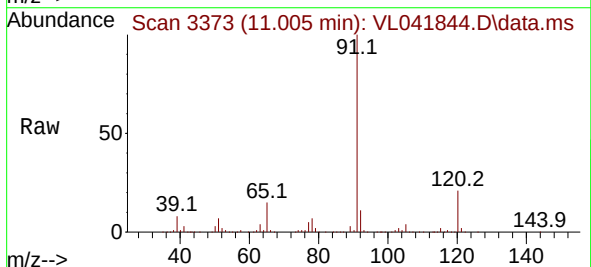
Instrument :
MSVOA_L
ClientSampleId :

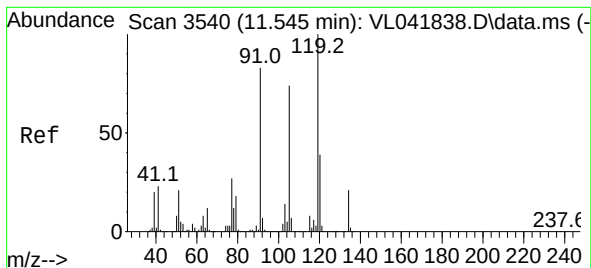
Tgt Ion: 83 Resp: 279419
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.4 31.9 95.9



#64
n-propylbenzene
Concen: 18.932 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 120 Resp: 167958
Ion Ratio Lower Upper
120 100
91 478.2 382.1 573.1





#65

tert-Butylbenzene

Concen: 18.498 ppbv

RT: 11.548 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

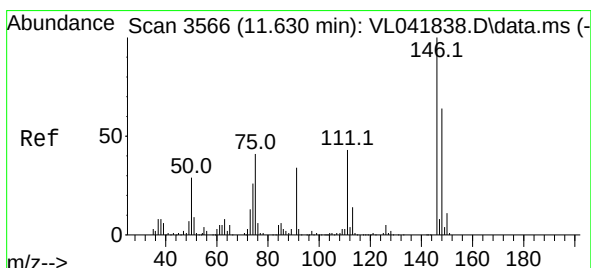
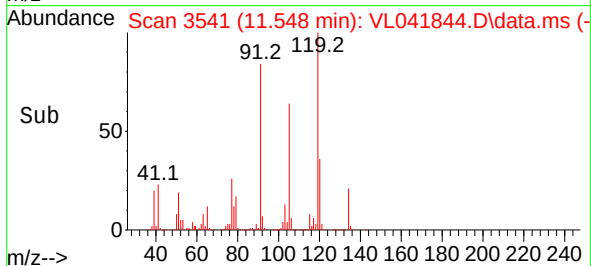
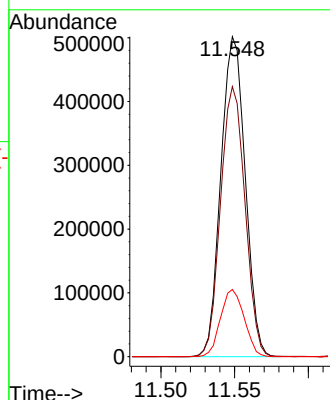
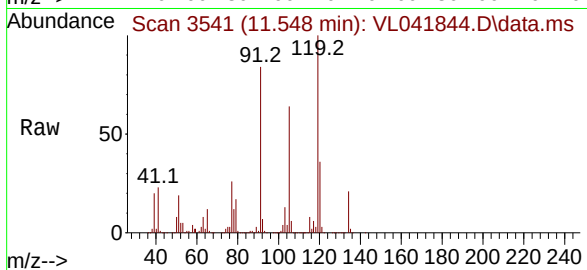
Tgt Ion:119 Resp: 576406

Ion Ratio Lower Upper

119 100

91 84.7 68.0 102.0

134 20.4 16.2 24.4



#66

Benzyl Chloride

Concen: 17.763 ppbv

RT: 11.633 min Scan# 3567

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

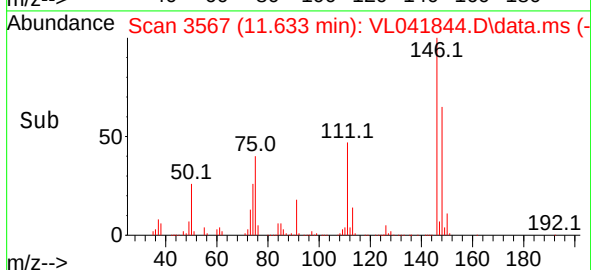
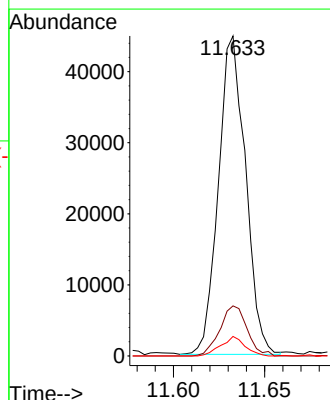
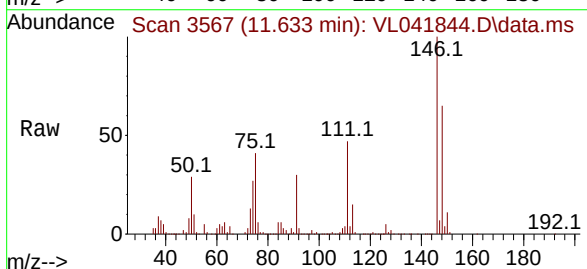
Tgt Ion: 91 Resp: 46260

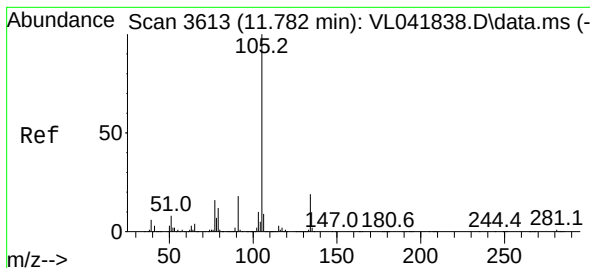
Ion Ratio Lower Upper

91 100

126 15.8 12.1 18.1

128 5.6 4.3 6.5





#67

sec-Butylbenzene

Concen: 18.248 ppbv

RT: 11.785 min Scan# 3614

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

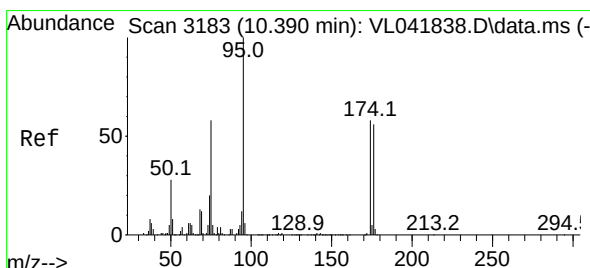
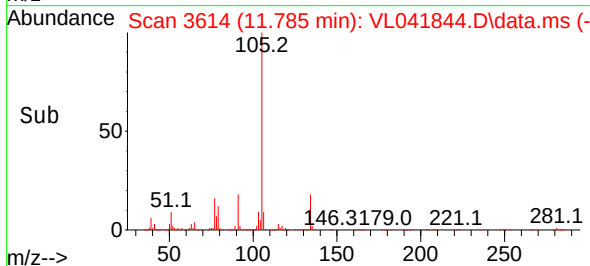
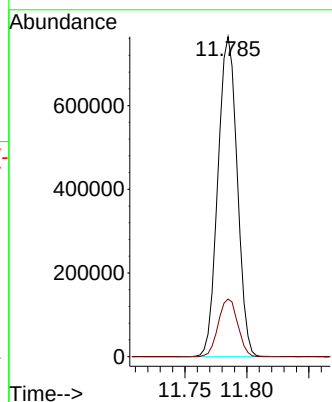
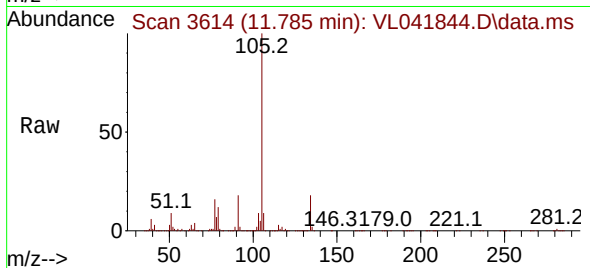
ClientSampleId :

Tgt Ion:105 Resp: 829725

Ion Ratio Lower Upper

105 100

134 18.2 14.6 22.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.519 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

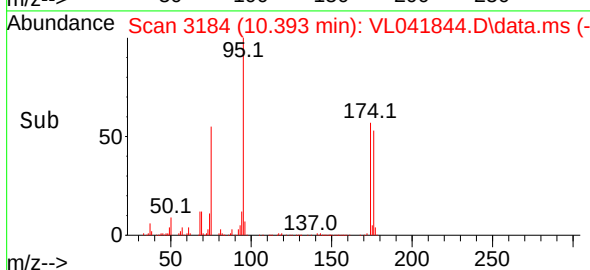
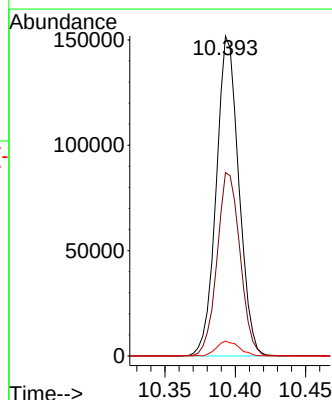
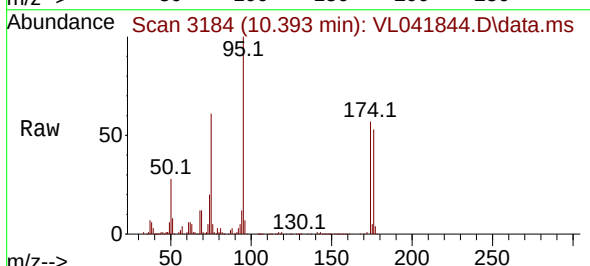
Tgt Ion: 95 Resp: 169446

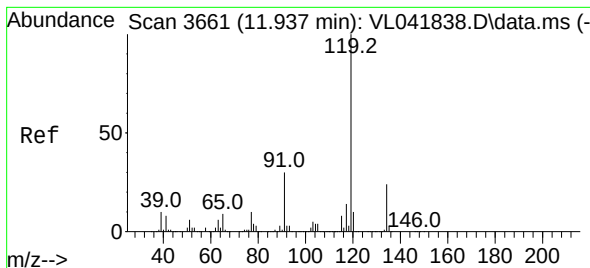
Ion Ratio Lower Upper

95 100

174 58.6 47.6 71.4

175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 19.375 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

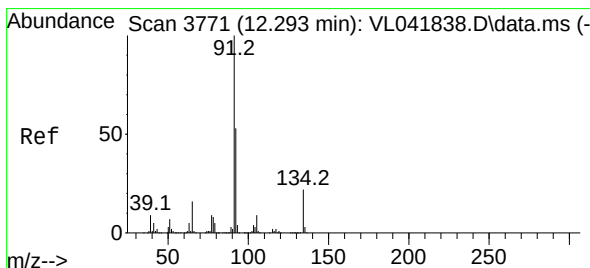
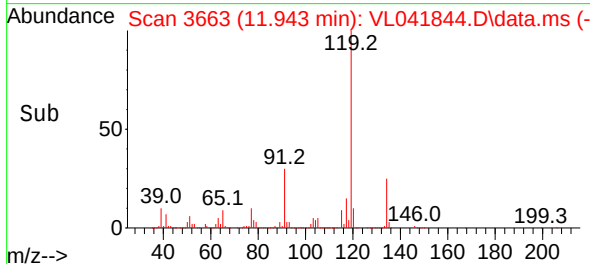
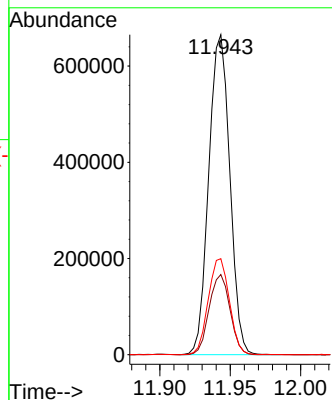
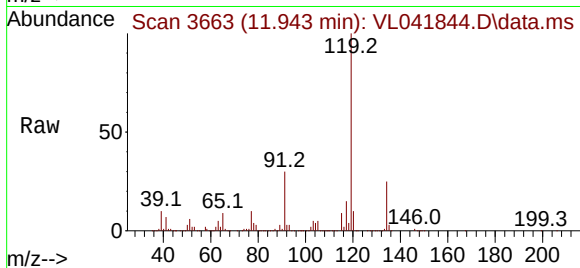
Tgt Ion:119 Resp: 691614

Ion Ratio Lower Upper

119 100

134 24.9 19.4 29.2

91 30.2 24.0 36.0



#70

n-Butylbenzene

Concen: 19.466 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

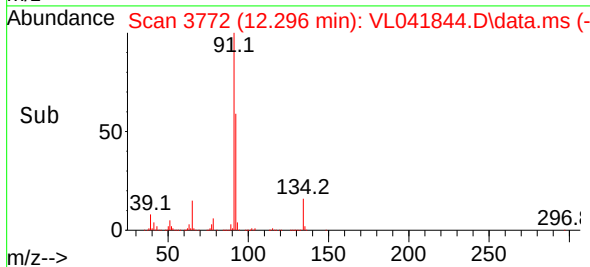
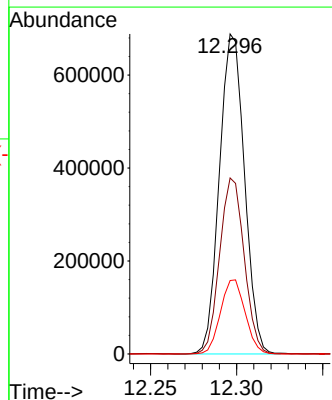
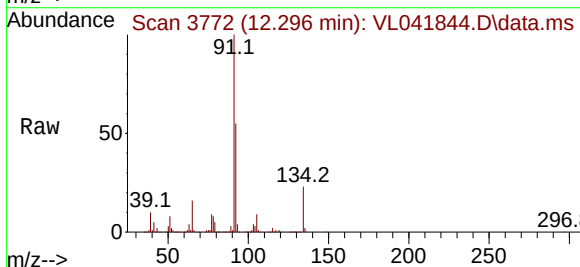
Tgt Ion: 91 Resp: 698101

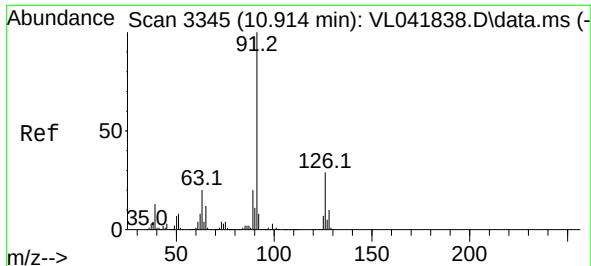
Ion Ratio Lower Upper

91 100

92 54.0 42.8 64.2

134 22.8 17.8 26.6

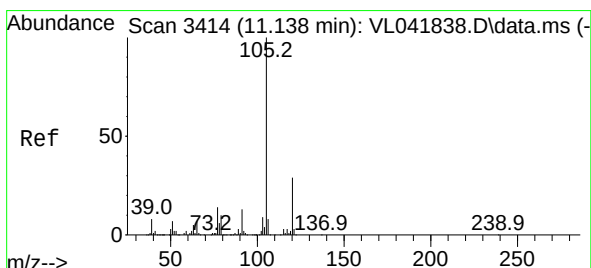
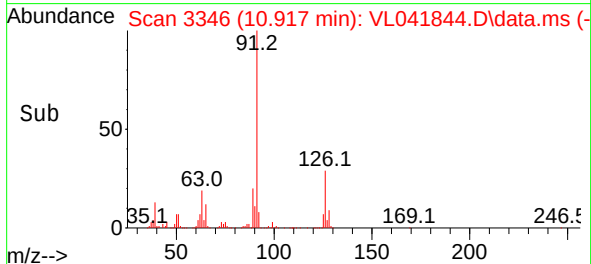
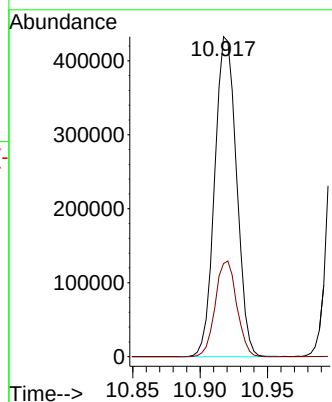
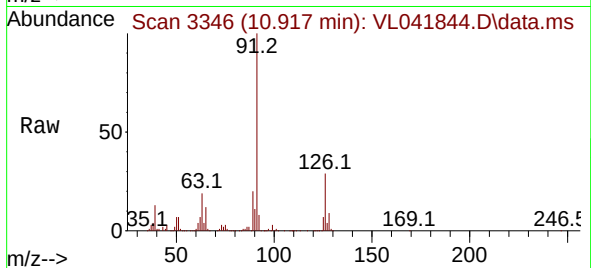




#71
2-Chlorotoluene
Concen: 19.398 ppbv
RT: 10.917 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

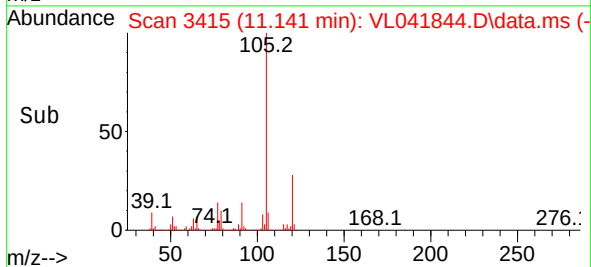
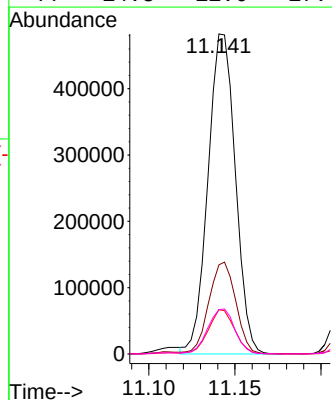
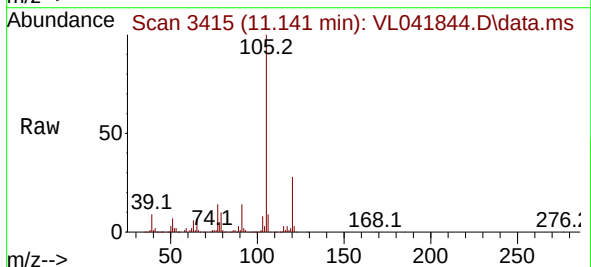
Instrument :
MSVOA_L
ClientSampleId :

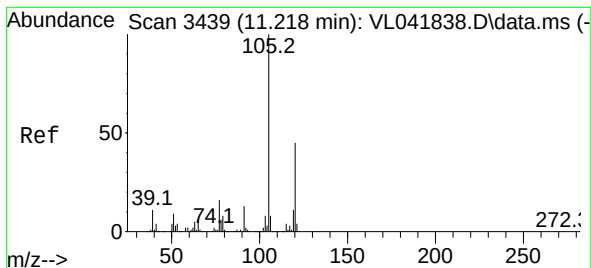
Tgt Ion: 91 Resp: 486908
Ion Ratio Lower Upper
91 100
126 29.4 11.6 46.6



#72
4-Ethyltoluene
Concen: 20.070 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:105 Resp: 534215
Ion Ratio Lower Upper
105 100
120 28.8 23.4 35.2
91 13.6 10.8 16.2
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 19.622 ppbv

RT: 11.222 min Scan# 3439

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

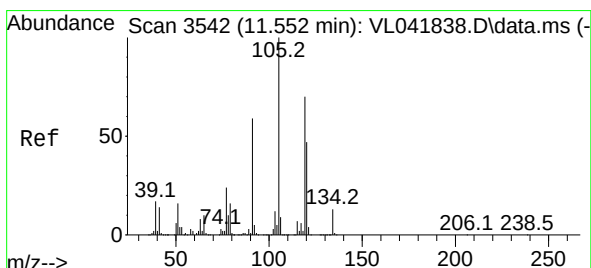
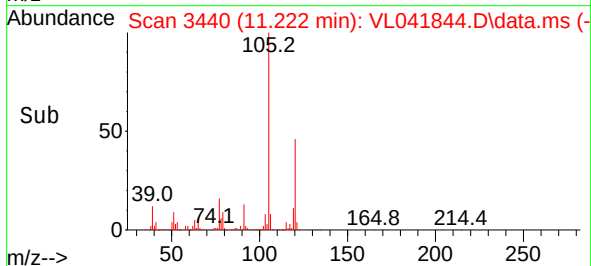
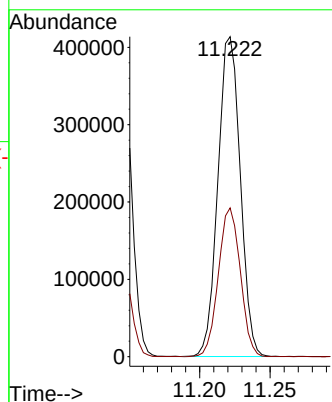
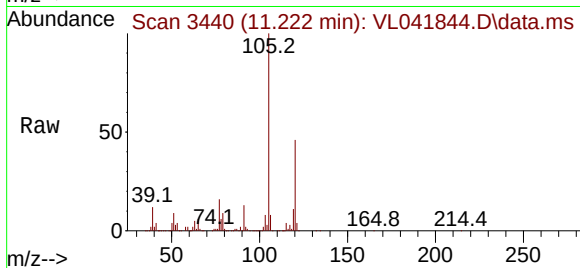
ClientSampleId :

Tgt Ion:105 Resp: 457438

Ion Ratio Lower Upper

105 100

120 46.5 35.9 53.9



#74

1,2,4-Trimethylbenzene

Concen: 18.396 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:105 Resp: 496746

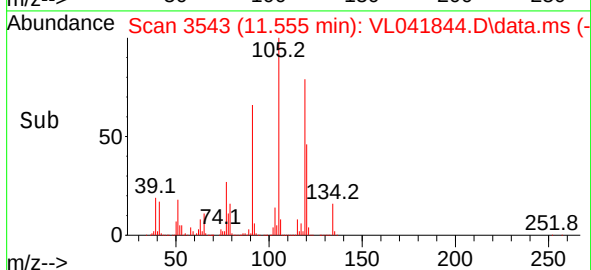
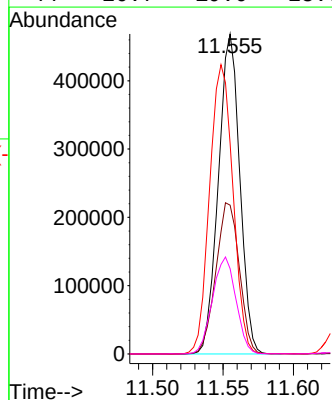
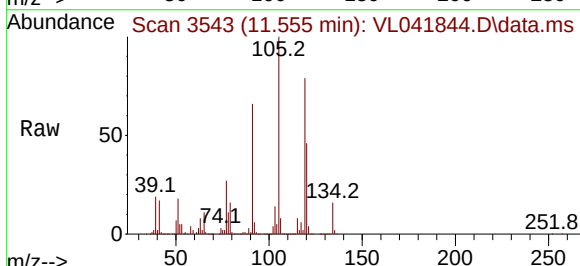
Ion Ratio Lower Upper

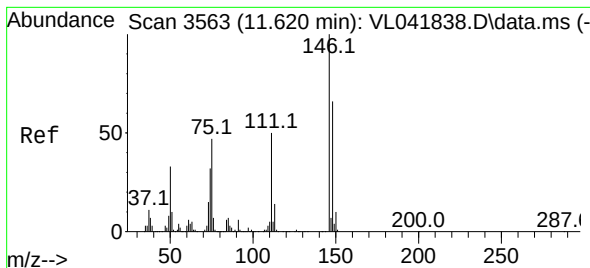
105 100

120 46.5 37.4 56.0

91 65.7 47.4 71.2

77 26.7 19.0 28.6





#75

1,3-Dichlorobenzene

Concen: 15.874 ppbv

RT: 11.626 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

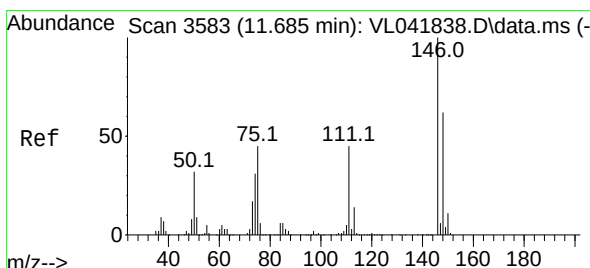
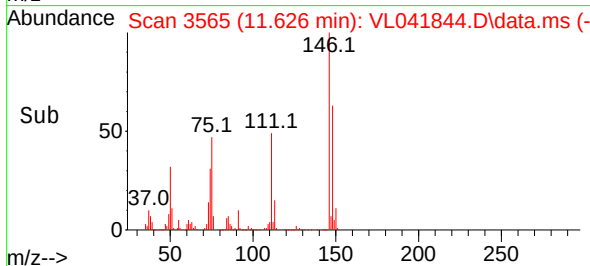
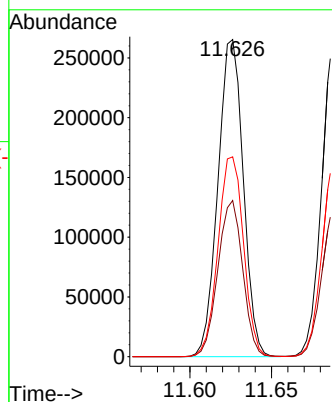
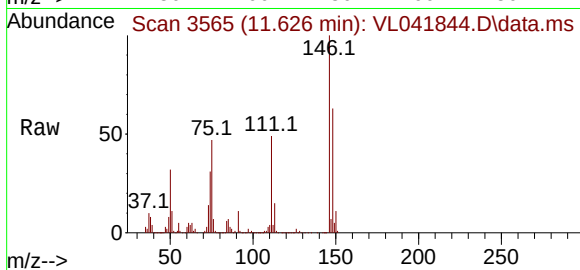
Tgt Ion:146 Resp: 286905

Ion Ratio Lower Upper

146 100

111 48.3 24.1 72.2

148 63.4 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 16.662 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

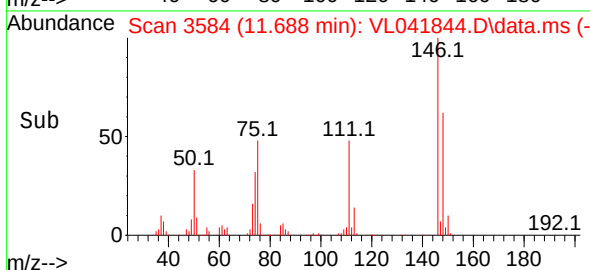
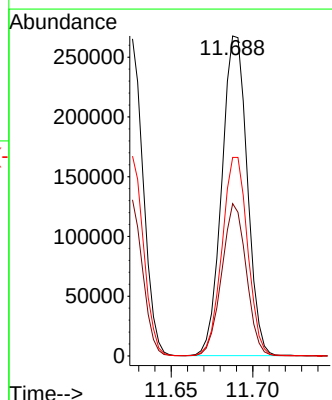
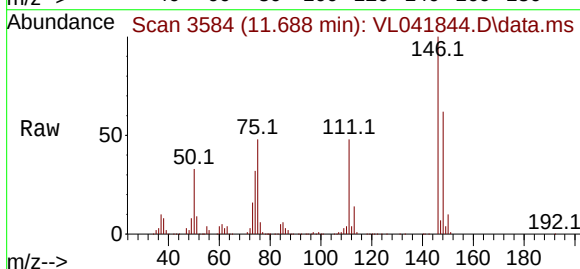
Tgt Ion:146 Resp: 289777

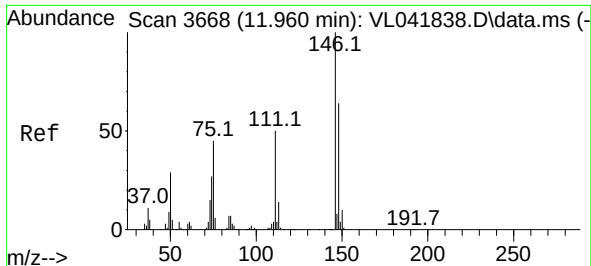
Ion Ratio Lower Upper

146 100

111 46.1 23.2 69.6

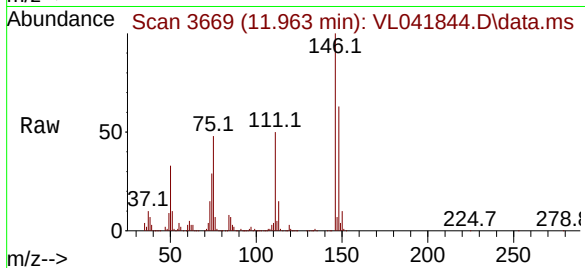
148 62.8 32.1 96.3



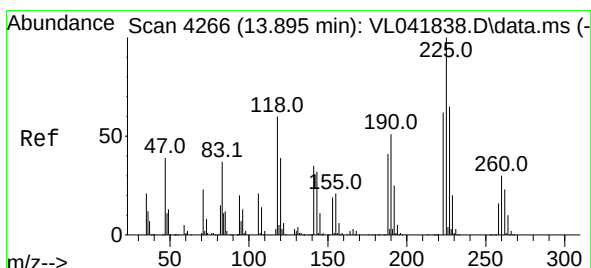
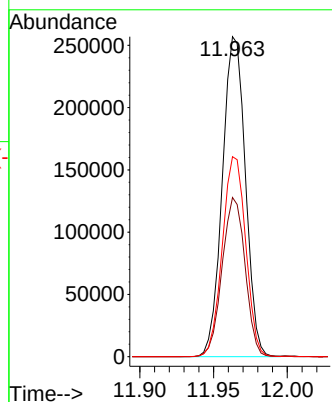
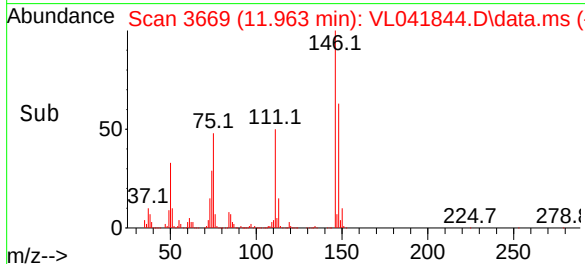


#77
1,2-Dichlorobenzene
Concen: 14.870 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

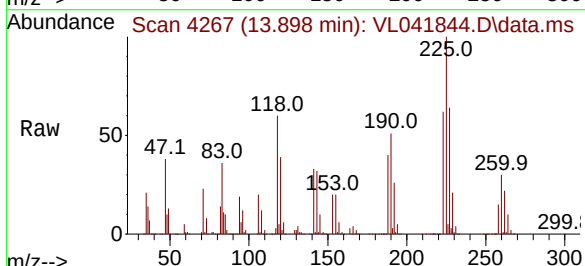
Instrument :
MSVOA_L
ClientSampleId :



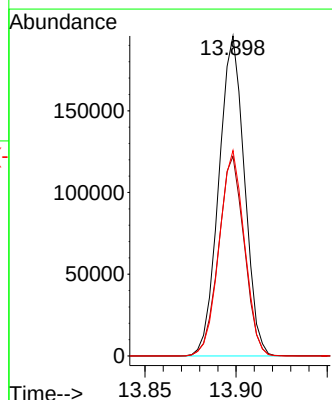
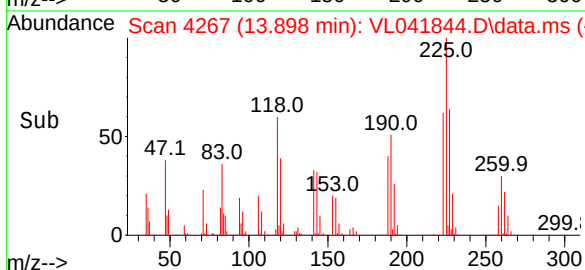
Tgt Ion:146 Resp: 280054
Ion Ratio Lower Upper
146 100
111 49.5 24.7 74.1
148 63.3 31.5 94.5

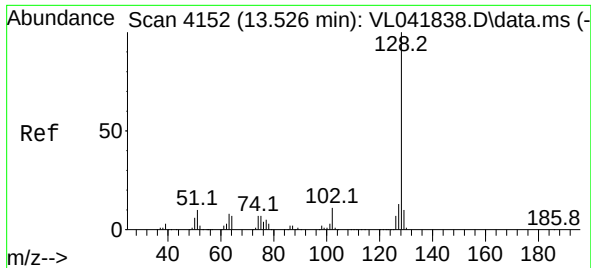


#78
Hexachloro-1,3-Butadiene
Concen: 14.312 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



Tgt Ion:225 Resp: 191358
Ion Ratio Lower Upper
225 100
223 62.2 50.4 75.6
227 63.1 51.2 76.8

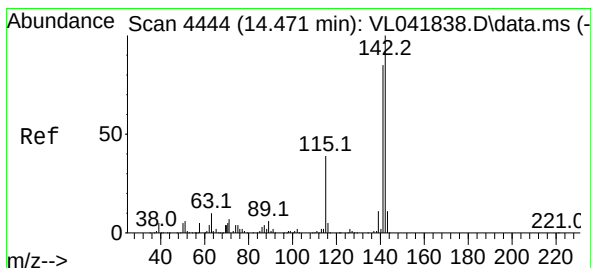
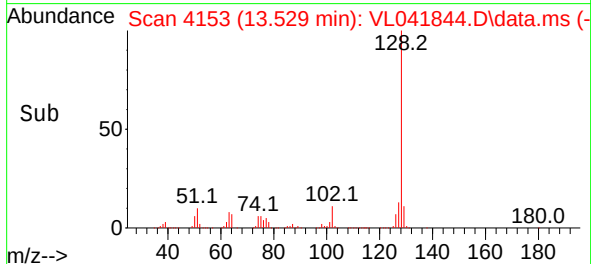
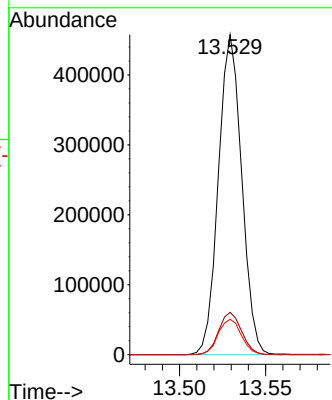
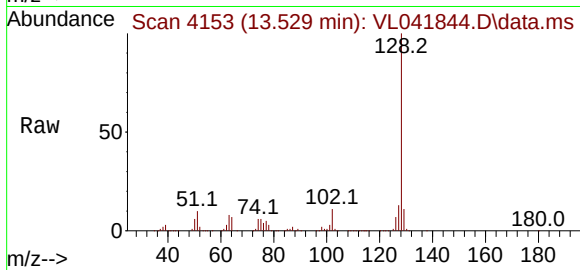




#79
Naphthalene
Concen: 21.675 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

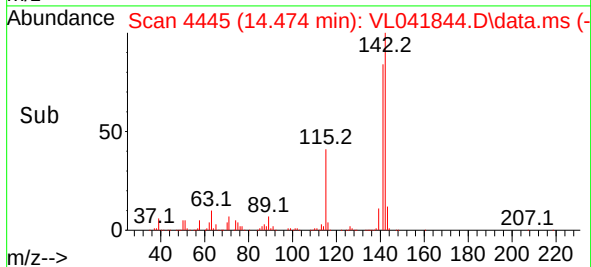
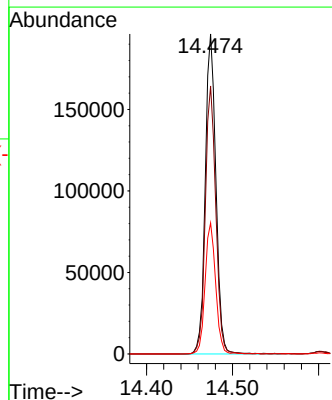
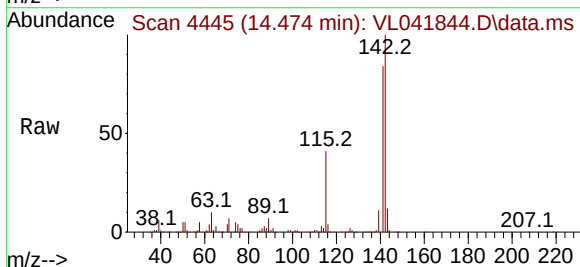
Instrument :
MSVOA_L
ClientSampleId :

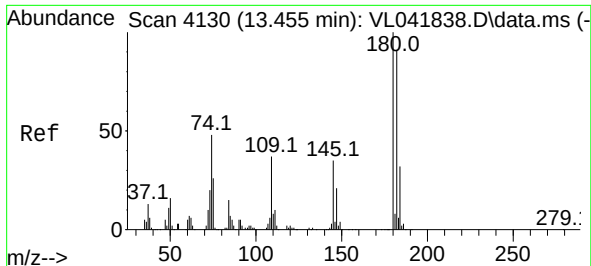
Tgt Ion:128 Resp: 431155
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 22.846 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:142 Resp: 168205
Ion Ratio Lower Upper
142 100
141 82.9 67.8 101.8
115 40.9 32.6 48.8





#81

1,2,4-Trichlorobenzene

Concen: 17.340 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.000 min

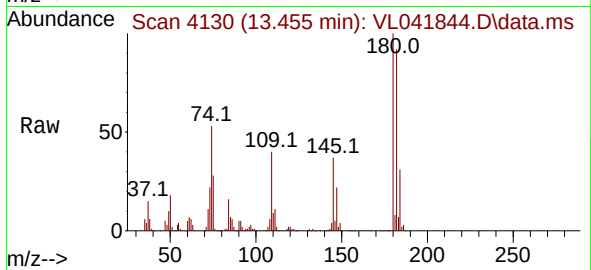
Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 191178

Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

184 31.0 24.8 37.2

