

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041636.D
 Acq On : 10 Oct 2024 10:38
 Operator : SY/MD
 Sample : VL1010ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:37:20 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1139395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3120825	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3613138	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2267106	8.524	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1283214	7.799	ppbv	100
3) Chlorodifluoromethane	2.649	51	1271421	9.200	ppbv	100
4) Chloromethane	2.790	50	701590	9.230	ppbv	100
5) Vinyl Chloride	2.896	62	679675	10.327	ppbv	98
6) Bromomethane	3.095	94	259404	7.922	ppbv	99
7) Chloroethane	3.176	64	244432	9.549	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	1657160	9.601	ppbv	99
9) Propene	2.671	41	596368	10.230	ppbv	100
10) Heptane	7.565	43	1462473	10.715	ppbv	100
11) Trichlorofluoromethane	3.542	101	1648500	9.415	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1211204	9.551	ppbv	100
13) Ethanol	3.224	45	22294	5.087	ppbv	93
14) Bromoethene	3.343	108	487834	10.145	ppbv	99
15) Acetone	3.446	43	1212615	8.477	ppbv	100
16) 1,3-Butadiene	2.960	39	684097	9.832	ppbv	98
17) tert-Butyl alcohol	3.857	59	1177694	9.362	ppbv	100
18) 1,1-Dichloroethene	3.861	96	541040	10.078	ppbv	96
19) Isopropyl Alcohol	3.555	45	619938	8.466	ppbv #	98
20) Methylene Chloride	3.912	84	438409	8.158	ppbv	93
21) Allyl Chloride	3.976	41	836957	10.095	ppbv	99
22) trans-1,2-Dichloroethene	4.427	96	522871	9.763	ppbv	97
23) Vinyl Acetate	4.610	43	898310	11.417	ppbv	98
24) 1,1-Dichloroethane	4.546	63	1175405	9.953	ppbv	99
25) Ethyl Acetate	5.189	43	2601142	10.129	ppbv	99
26) Hexane	5.195	57	1079483	10.080	ppbv	98
27) Carbon Disulfide	4.105	76	1326465	11.652	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	671301	10.167	ppbv	100
29) Chloroform	5.259	83	1685416	9.617	ppbv	99
30) Cyclohexane	6.587	84	903279	10.942	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	1016937	10.002	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1657192	10.617	ppbv	98
34) 2-Butanone	4.767	43	1339030	8.998	ppbv	100
35) Carbon Tetrachloride	6.478	117	1724125	11.260	ppbv	99
36) Benzene	6.356	78	2294349	10.586	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1255342	9.983	ppbv	99
38) Trichloroethene	7.279	130	1155435	10.352	ppbv	95
39) 1,2-Dichloropropane	7.063	63	884473	10.031	ppbv	99
40) 1,4-Dioxane	7.272	88	352255	10.598	ppbv #	100
41) Tetrahydrofuran	5.542	42	921578	11.253	ppbv	99
42) Bromodichloromethane	7.237	83	1834395	10.485	ppbv	97
43) Methyl Methacrylate	7.462	69	881765	11.369	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	3899661	10.400	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	689956	11.033	ppbv	97

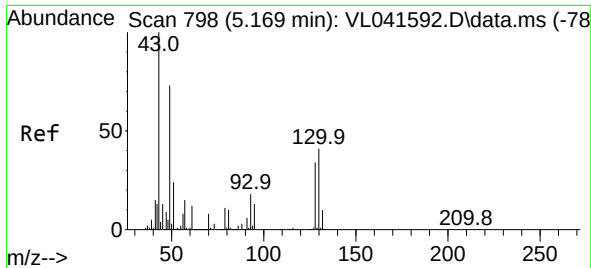
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041636.D
 Acq On : 10 Oct 2024 10:38
 Operator : SY/MD
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Quant Time: Oct 11 05:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

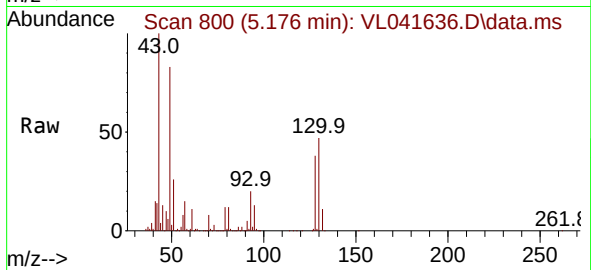
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	989234	10.798	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	944389	10.088	ppbv	99
48) Dibromochloromethane	9.700	129	1544080	10.886	ppbv	100
49) Bromoform	12.397	173	1324724	10.880	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2552765	11.108	ppbv	100
51) 2-Hexanone	9.539	43	2022369	11.634	ppbv	99
52) Tetrachloroethene	10.606	164	845060	10.768	ppbv	97
53) Toluene	9.211	91	2627949	11.422	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1230231	10.671	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1166485	8.269	ppbv	97
57) Chlorobenzene	11.520	112	2044175	7.847	ppbv	99
58) Ethyl Benzene	12.079	91	3540945	9.155	ppbv	99
59) m/p-Xylene	12.362	91	2901742	8.429	ppbv #	27
60) o-Xylene	13.050	91	2922422	8.855	ppbv	100
61) Styrene	12.889	104	1385807	10.051	ppbv	100
62) Isopropylbenzene	14.021	105	4217117	8.434	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1504875	8.918	ppbv	99
64) n-propylbenzene	14.905	120	1130913	8.758	ppbv	99
65) tert-Butylbenzene	16.082	119	3751383	8.185	ppbv	99
66) Benzyl Chloride	16.317	91	202794	8.511	ppbv	96
67) sec-Butylbenzene	16.625	105	5303112	8.339	ppbv	100
69) p-Isopropyltoluene	16.986	119	4381703	8.513	ppbv	99
70) n-Butylbenzene	17.876	91	4507387	8.359	ppbv	100
71) 2-Chlorotoluene	14.790	91	3141676	8.539	ppbv	99
72) 4-Ethyltoluene	15.185	105	3433852	8.901	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2950770	8.662	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	3256921	8.168	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	1962843	7.855	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1928062	8.052	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1920976	7.786	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1343127	6.600	ppbv	99
79) Naphthalene	21.374	128	2535281	8.639	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	876186	4.261	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1347844	7.224	ppbv	99

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

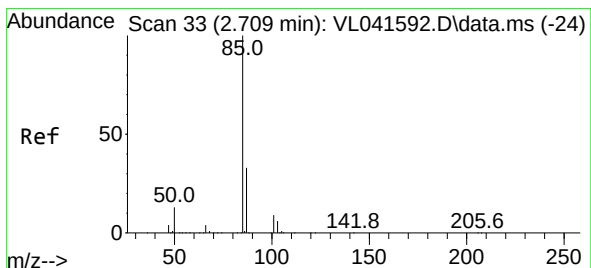
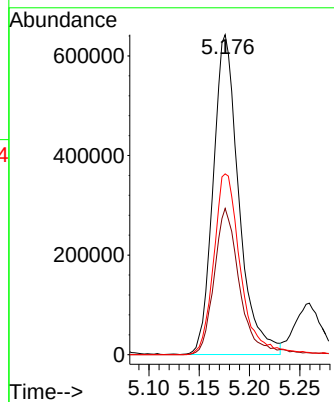
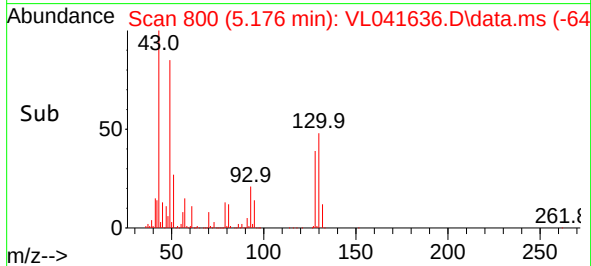


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Instrument :
 MSVOA_L
 ClientSampleId :

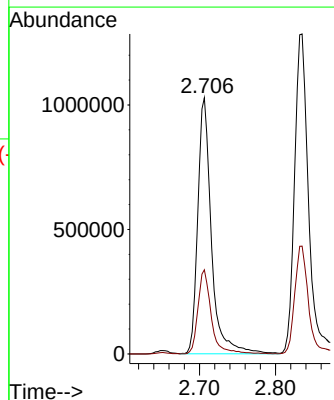
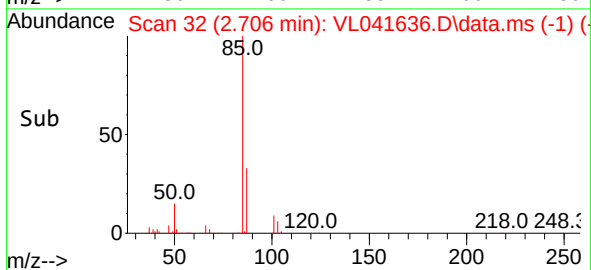
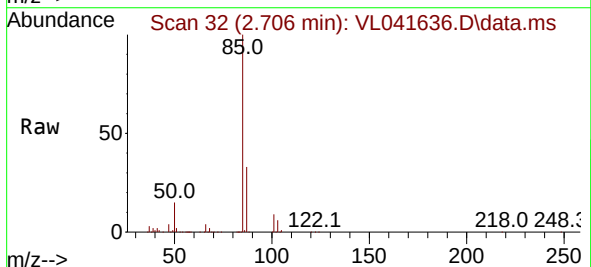


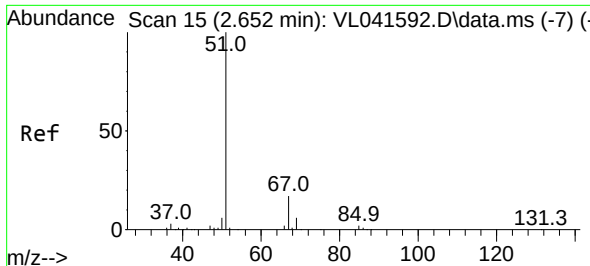
Tgt Ion: 49 Resp: 1139395
 Ion Ratio Lower Upper
 49 100
 128 46.1 23.8 71.5
 130 60.1 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 7.799 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 85 Resp: 1283214
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.3 39.5

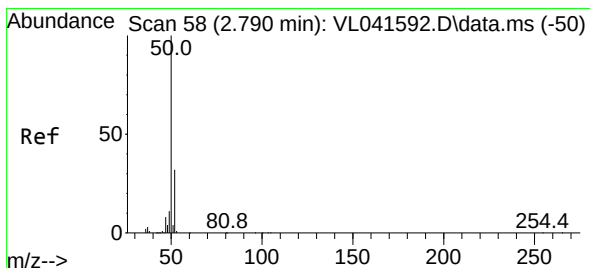
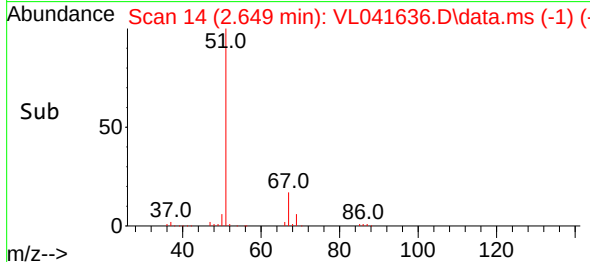
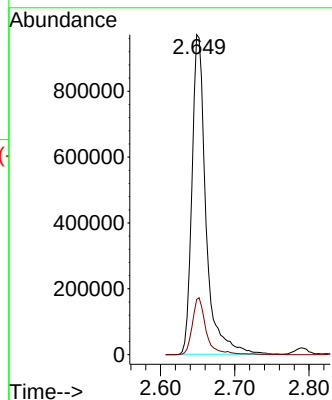
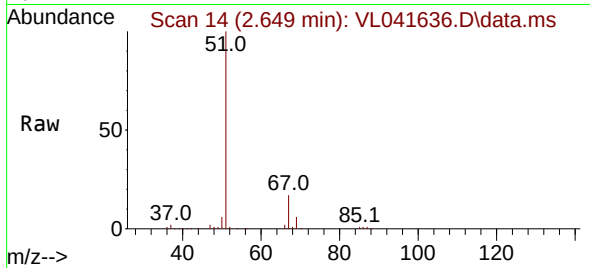




#3
Chlorodifluoromethane
Concen: 9.200 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

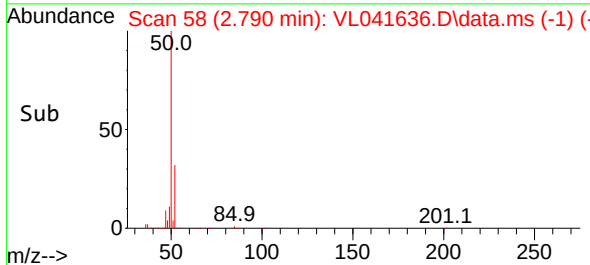
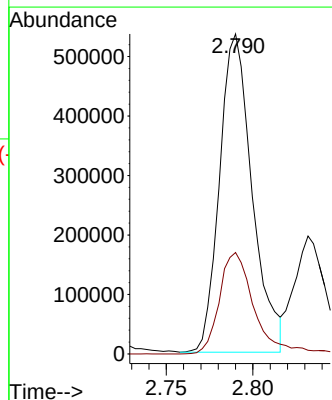
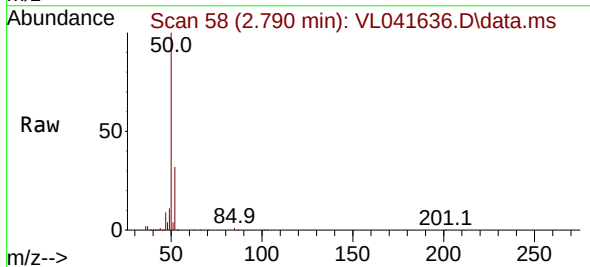
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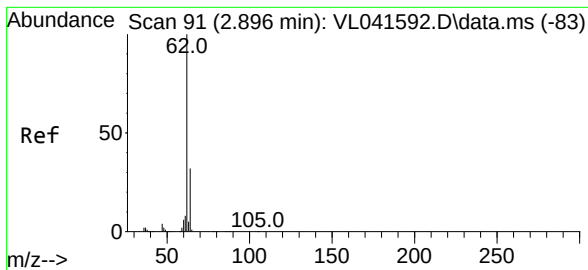
Tgt Ion: 51 Resp: 1271421
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1



#4
Chloromethane
Concen: 9.230 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 50 Resp: 701590
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

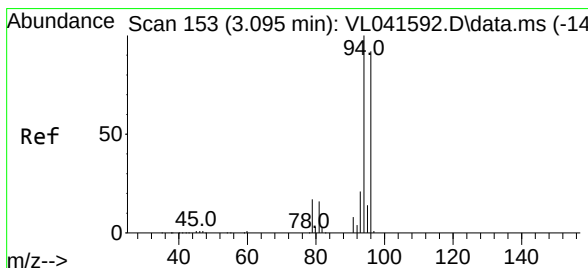
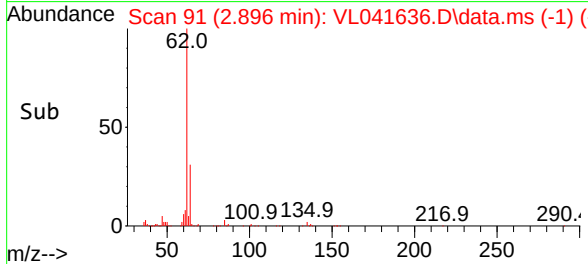
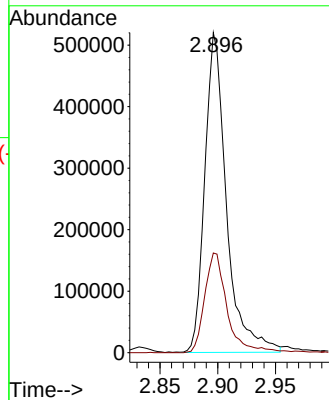
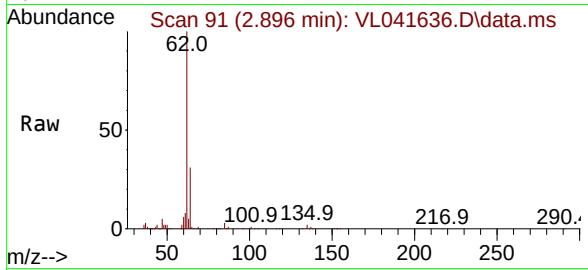




#5
 Vinyl Chloride
 Concen: 10.327 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

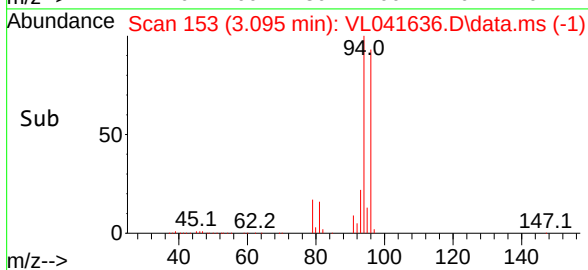
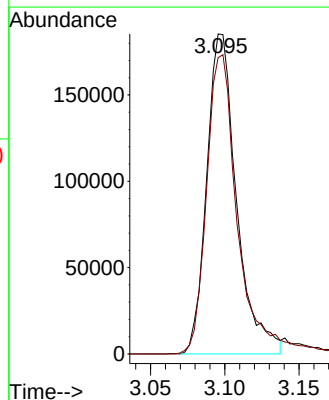
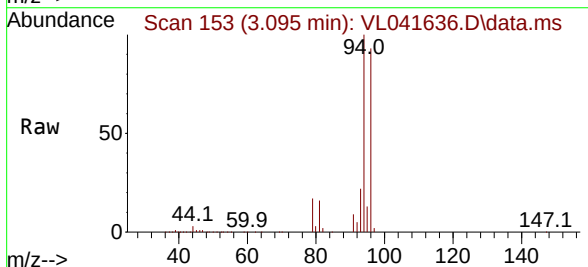
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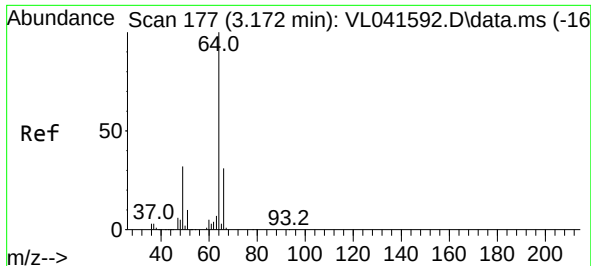
Tgt Ion: 62 Resp: 679675
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0



#6
 Bromomethane
 Concen: 7.922 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 94 Resp: 259404
 Ion Ratio Lower Upper
 94 100
 96 92.3 73.4 110.2

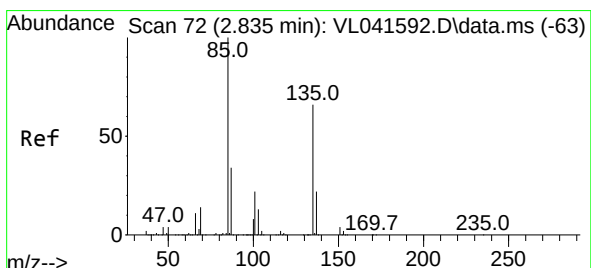
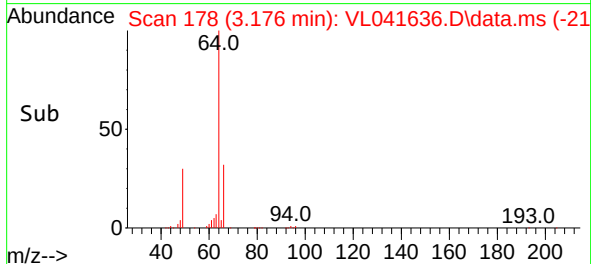
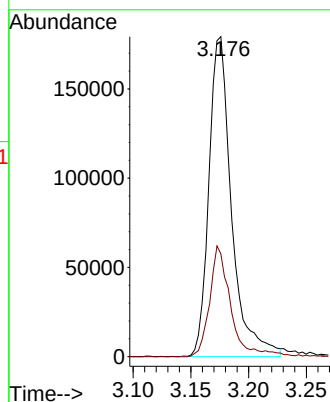
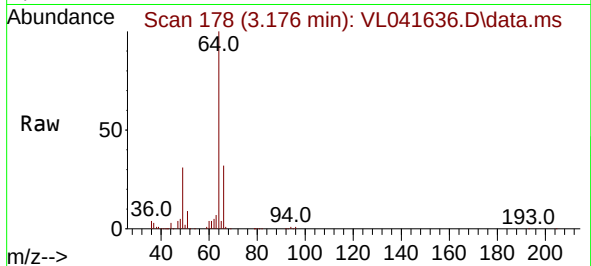




#7
Chloroethane
Concen: 9.549 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

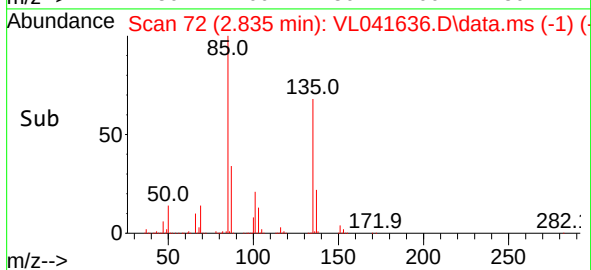
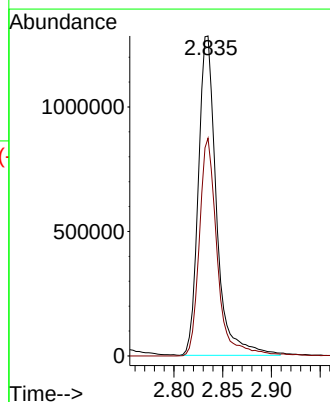
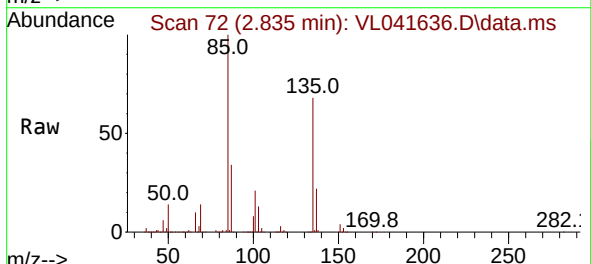
Instrument :
MSVOA_L
ClientSampleId :

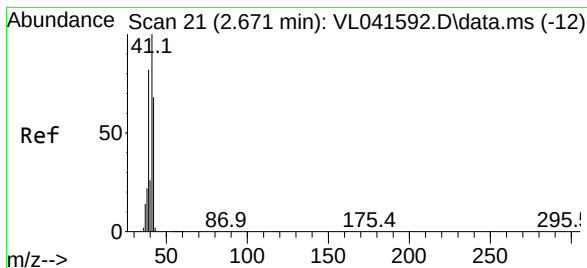
Tgt Ion: 64 Resp: 244432
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.601 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 85 Resp: 1657160
Ion Ratio Lower Upper
85 100
135 68.0 53.9 80.9





#9

Propene

Concen: 10.230 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

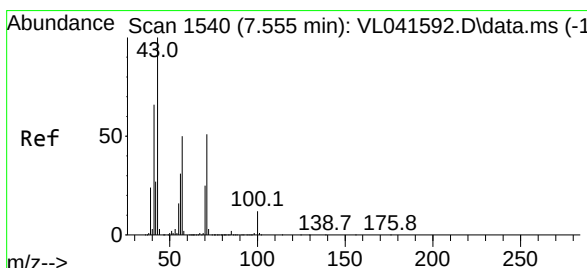
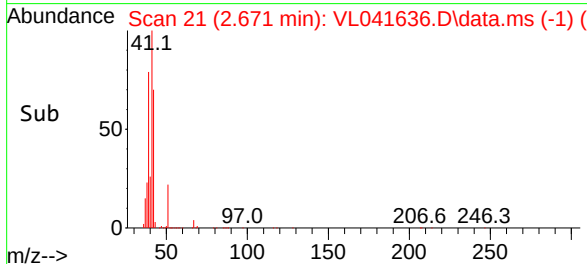
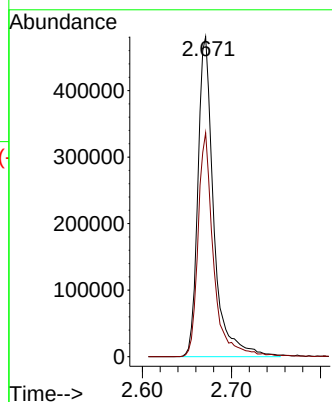
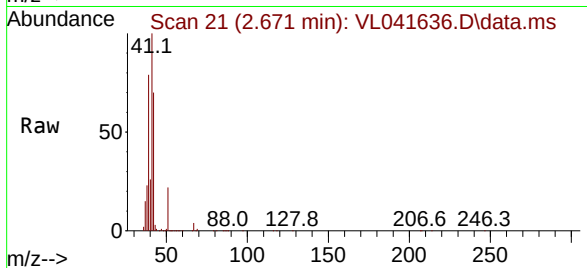
ClientSampleId :

Tgt Ion: 41 Resp: 596368

Ion Ratio Lower Upper

41 100

42 68.8 55.2 82.8



#10

Heptane

Concen: 10.715 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL041636.D

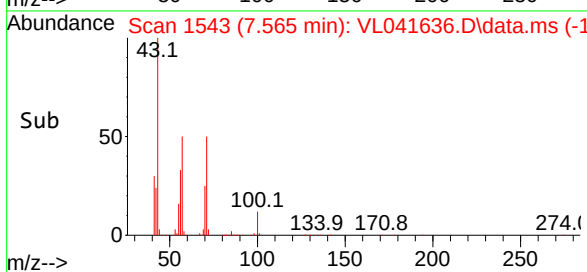
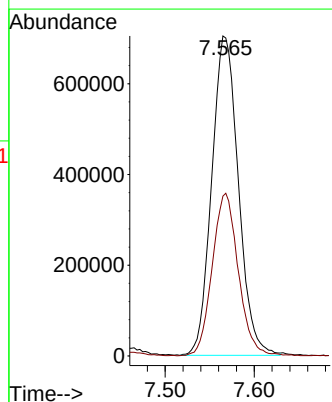
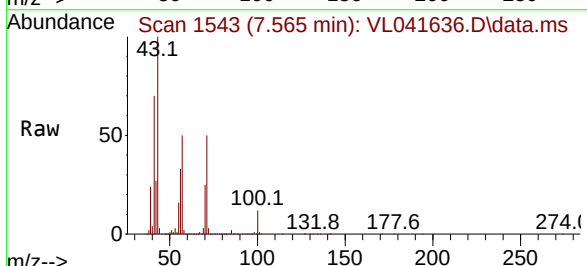
Acq: 10 Oct 2024 10:38

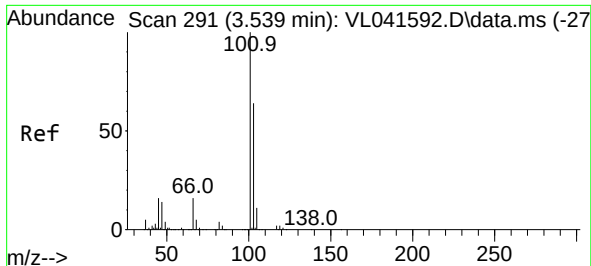
Tgt Ion: 43 Resp: 1462473

Ion Ratio Lower Upper

43 100

57 49.7 39.8 59.8

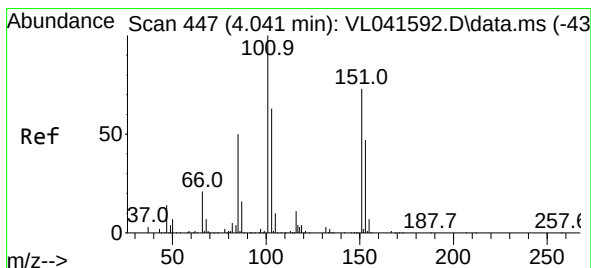
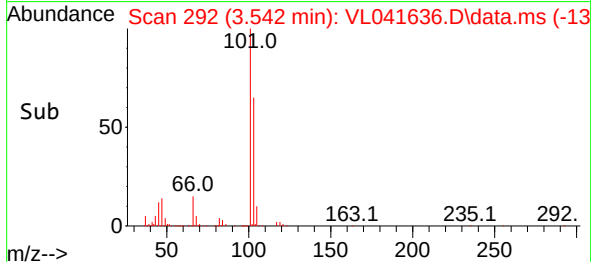
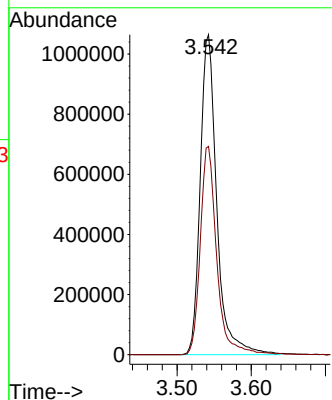
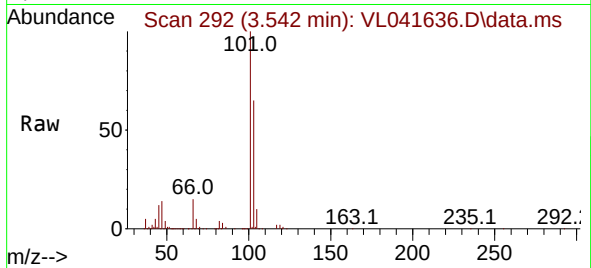




#11
Trichlorofluoromethane
Concen: 9.415 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

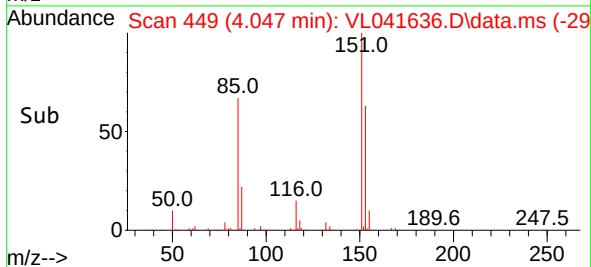
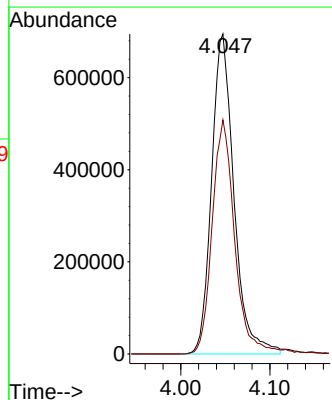
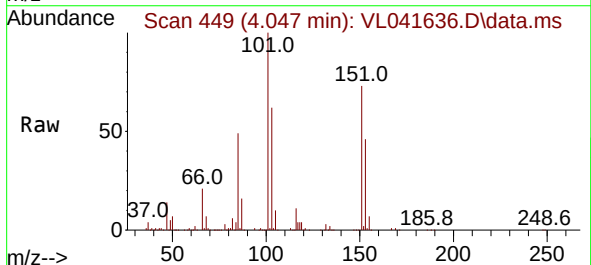
Instrument :
MSVOA_L
ClientSampleId :

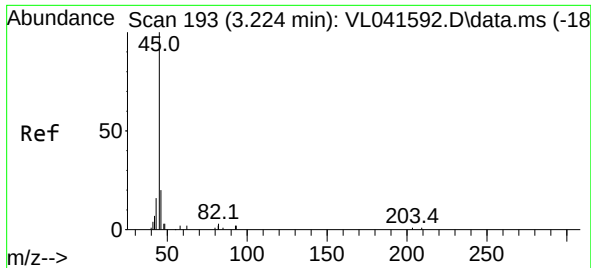
Tgt Ion:101 Resp: 1648500
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.551 ppbv
RT: 4.047 min Scan# 449
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:101 Resp: 1211204
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2

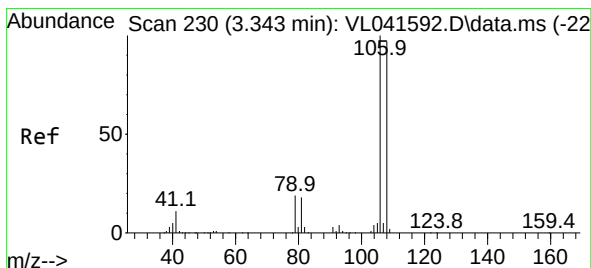
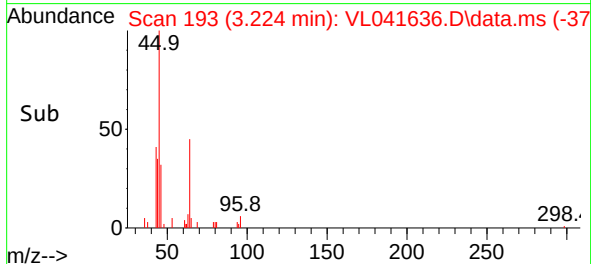
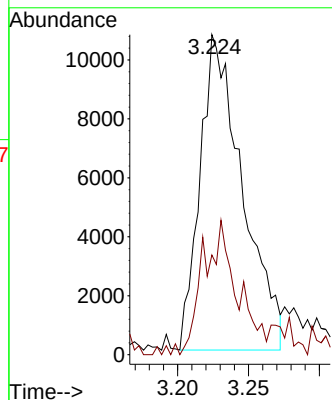
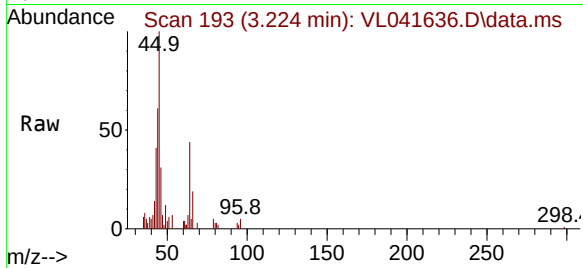




#13
 Ethanol
 Concen: 5.087 ppbv
 RT: 3.224 min Scan# 193
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

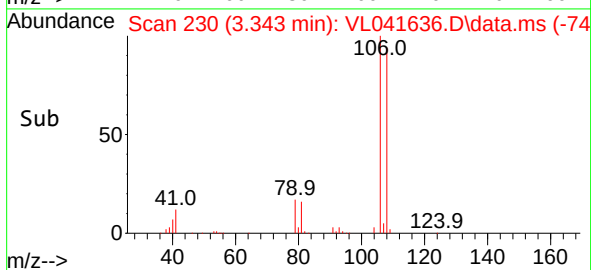
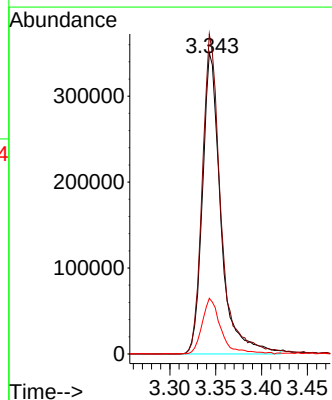
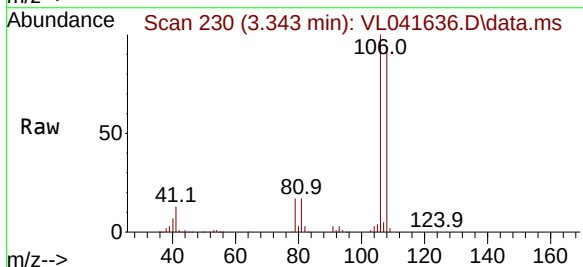
Instrument :
 MSVOA_L
 ClientSampleId :

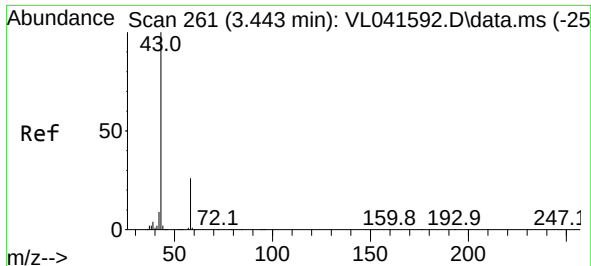
Tgt Ion: 45 Resp: 22294
 Ion Ratio Lower Upper
 45 100
 46 42.5 15.2 60.8



#14
 Bromoethene
 Concen: 10.145 ppbv
 RT: 3.343 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 108 Resp: 487834
 Ion Ratio Lower Upper
 108 100
 106 107.7 86.5 129.7
 79 19.4 16.2 24.4

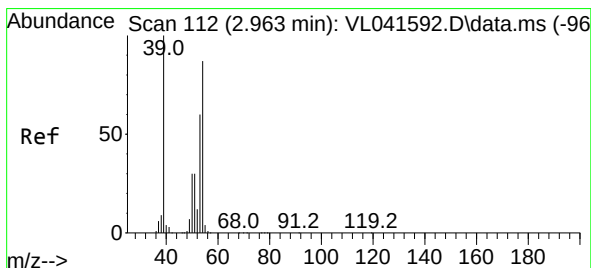
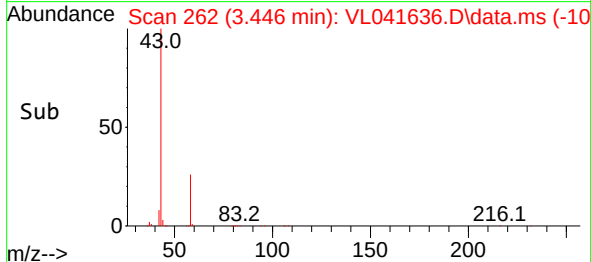
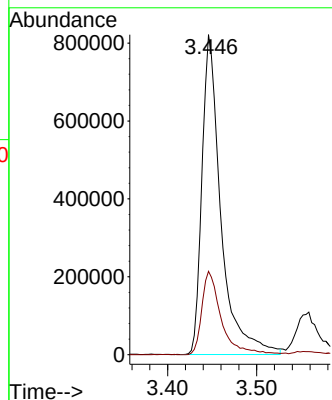
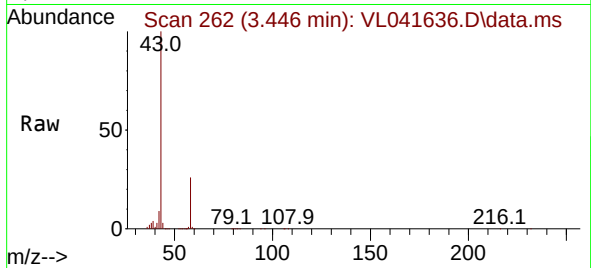




#15
Acetone
Concen: 8.477 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

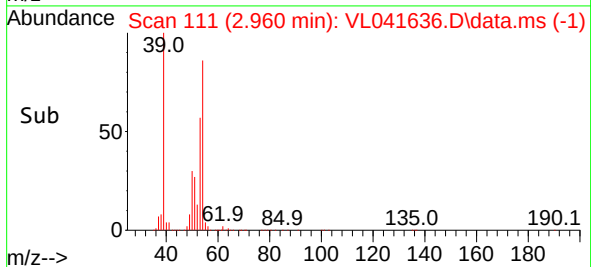
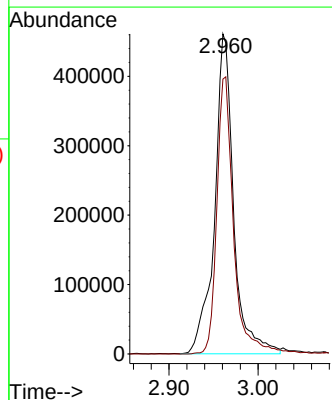
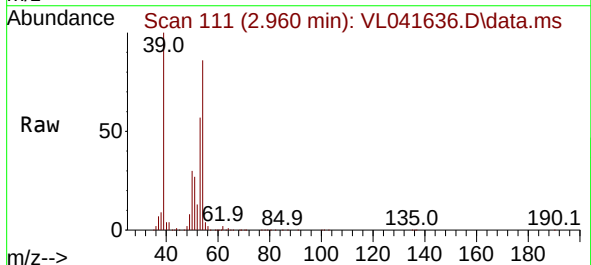
Instrument :
MSVOA_L
ClientSampleId :

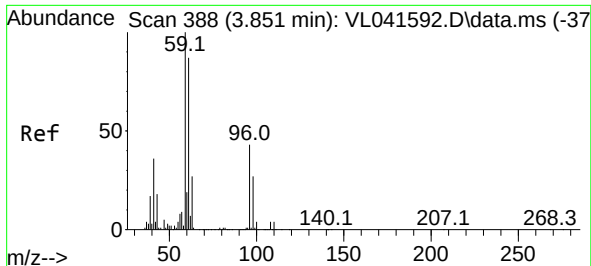
Tgt Ion: 43 Resp: 1212615
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3



#16
1,3-Butadiene
Concen: 9.832 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 39 Resp: 684097
Ion Ratio Lower Upper
39 100
54 76.9 62.9 94.3





#17

tert-Butyl alcohol

Concen: 9.362 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.007 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

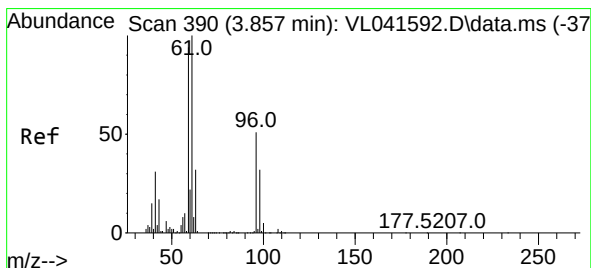
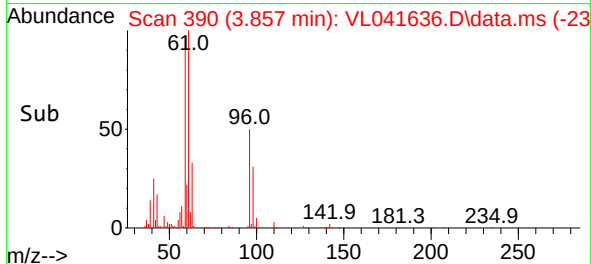
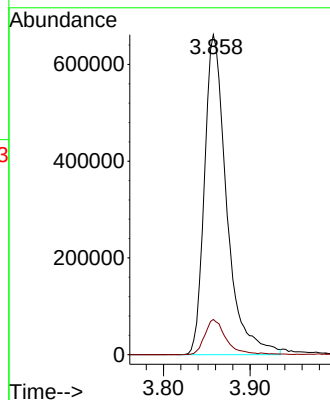
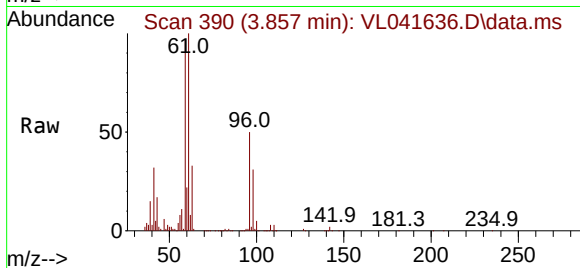
ClientSampleId :

Tgt Ion: 59 Resp: 1177694

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.078 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

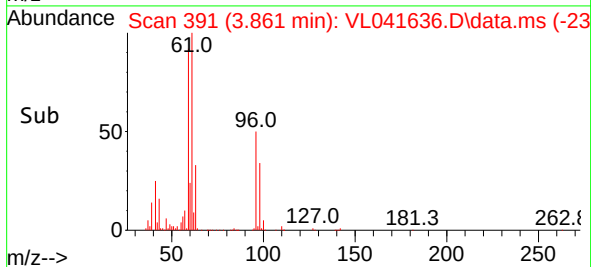
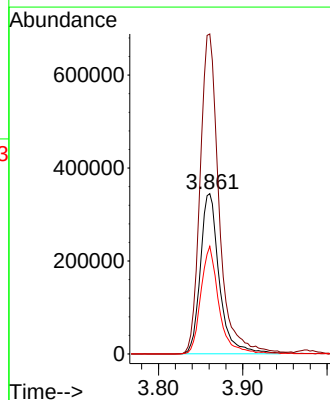
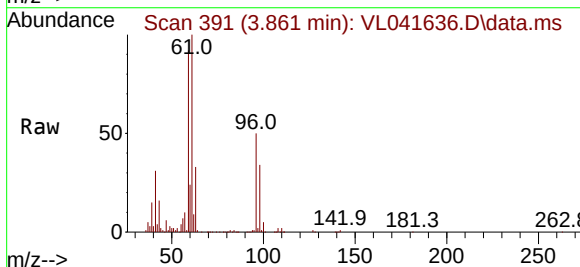
Tgt Ion: 96 Resp: 541040

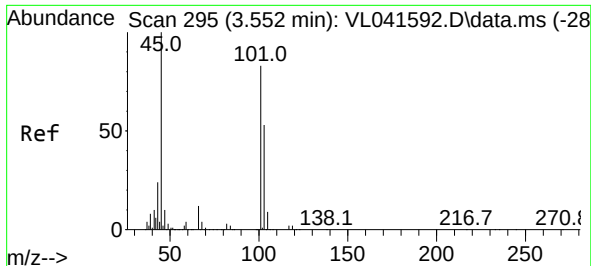
Ion Ratio Lower Upper

96 100

61 199.8 155.6 233.4

98 67.2 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.466 ppbv

RT: 3.555 min Scan# 295

Delta R.T. 0.003 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

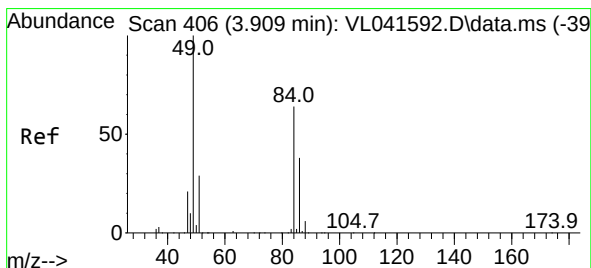
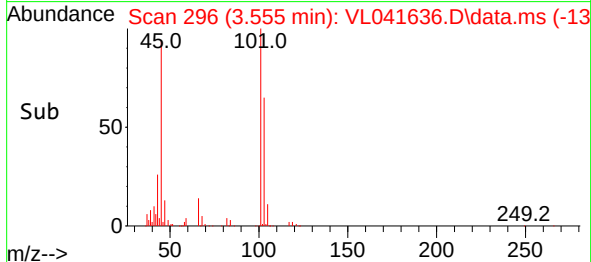
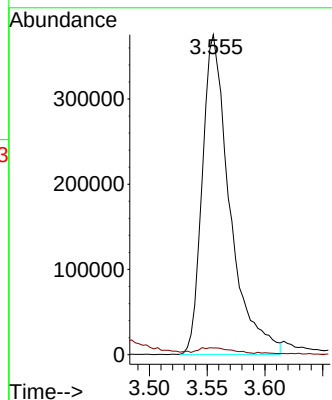
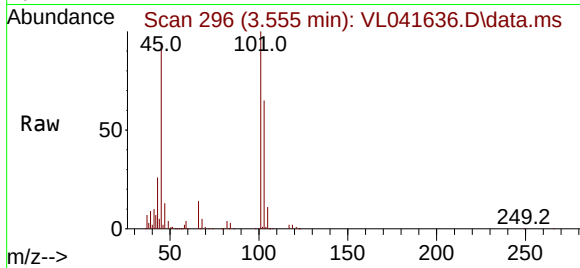
ClientSampleId :

Tgt Ion: 45 Resp: 619938

Ion Ratio Lower Upper

45 100

58 3.2 2.1 3.1#



#20

Methylene Chloride

Concen: 8.158 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.003 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion: 84 Resp: 438409

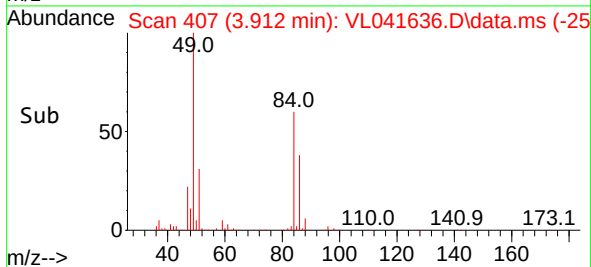
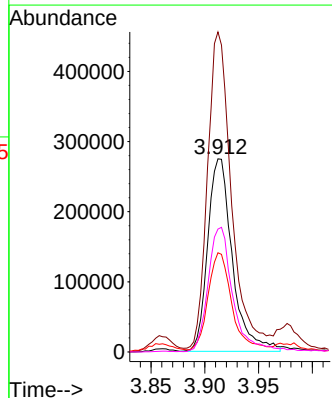
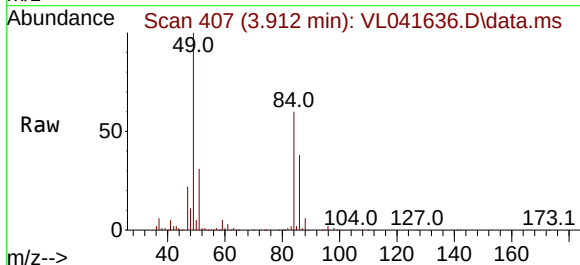
Ion Ratio Lower Upper

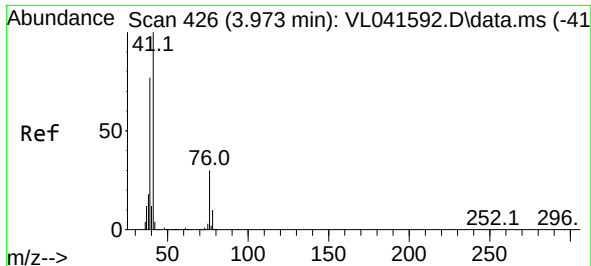
84 100

49 164.2 124.3 186.5

51 49.9 36.3 54.5

86 63.6 47.4 71.2





#21

Allyl Chloride

Concen: 10.095 ppbv

RT: 3.976 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

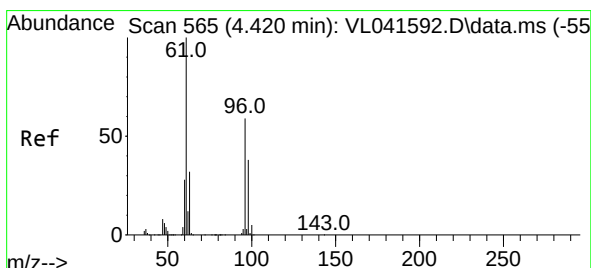
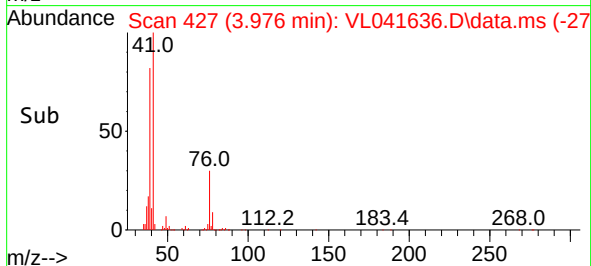
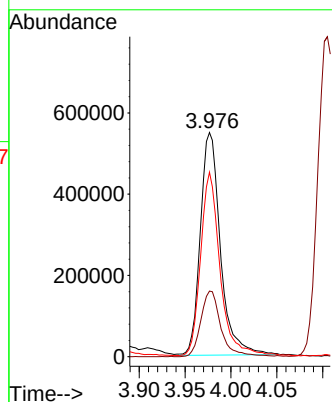
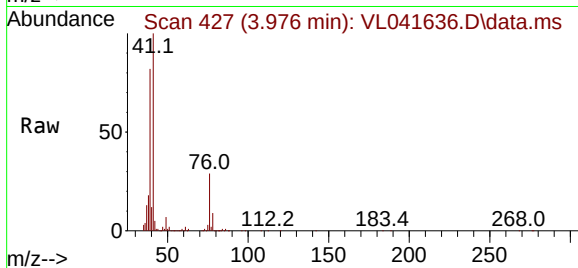
Tgt Ion: 41 Resp: 836957

Ion Ratio Lower Upper

41 100

76 29.6 23.8 35.6

39 80.5 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 9.763 ppbv

RT: 4.427 min Scan# 567

Delta R.T. 0.007 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

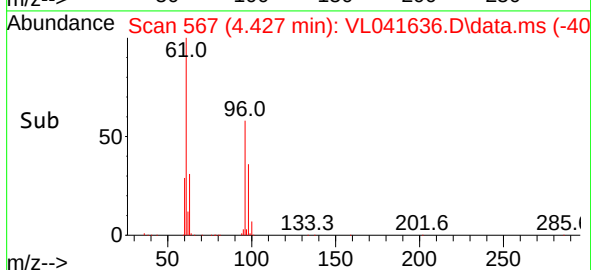
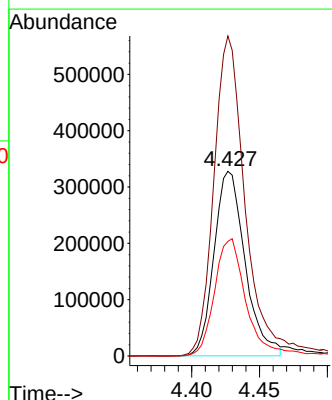
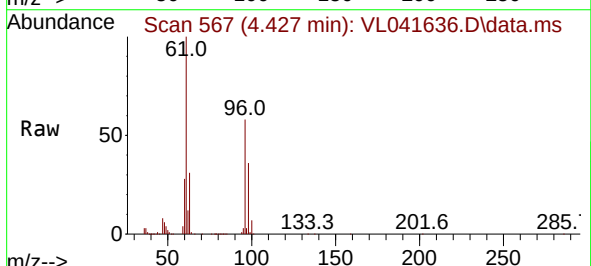
Tgt Ion: 96 Resp: 522871

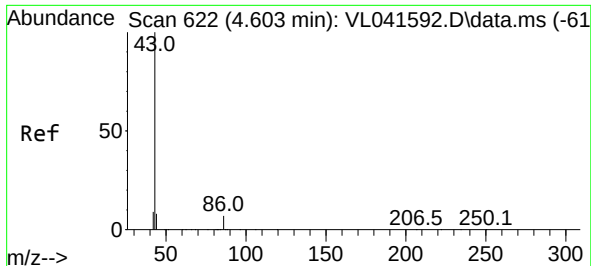
Ion Ratio Lower Upper

96 100

61 173.2 135.7 203.5

98 61.9 50.9 76.3

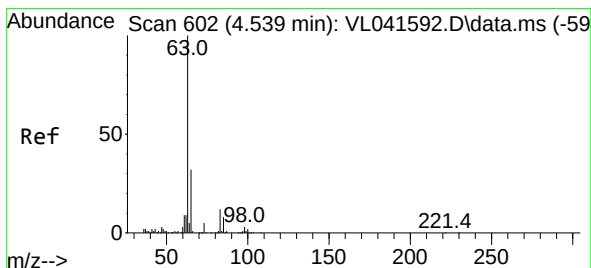
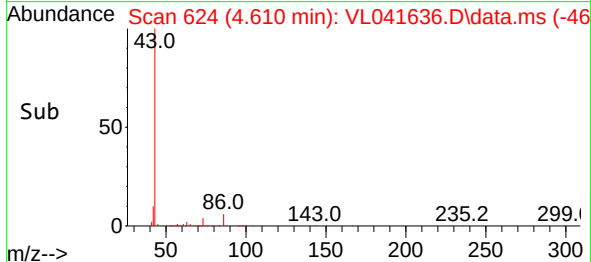
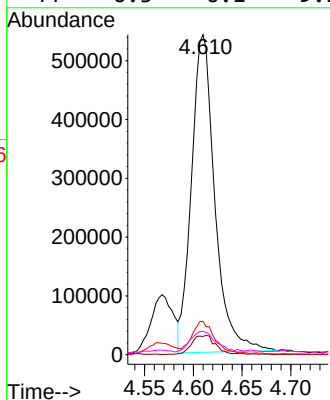
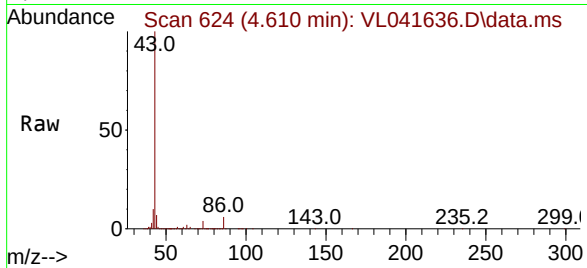




#23
Vinyl Acetate
Concen: 11.417 ppbv
RT: 4.610 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

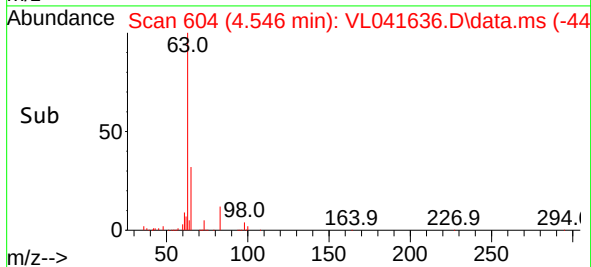
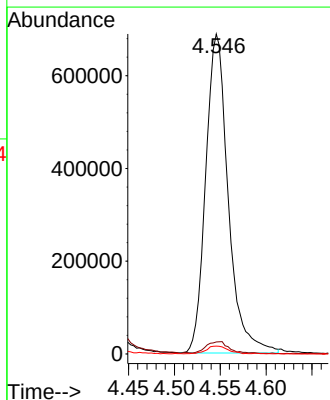
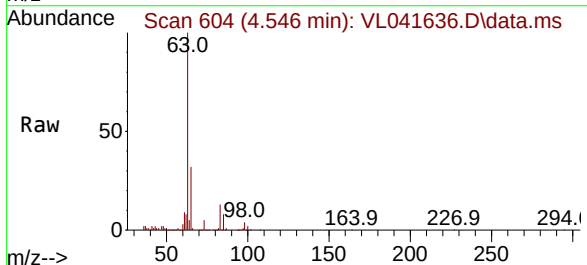
Instrument :
MSVOA_L
ClientSampleId :

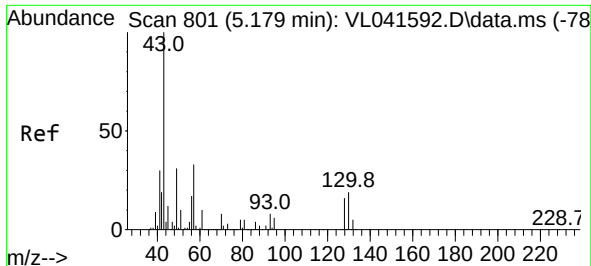
Tgt Ion: 43 Resp: 898310
Ion Ratio Lower Upper
43 100
86 5.7 4.9 7.3
42 10.4 8.0 12.0
44 6.3 6.1 9.1



#24
1,1-Dichloroethane
Concen: 9.953 ppbv
RT: 4.546 min Scan# 604
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 63 Resp: 1175405
Ion Ratio Lower Upper
63 100
98 3.6 1.7 5.1
100 2.4 1.1 3.3



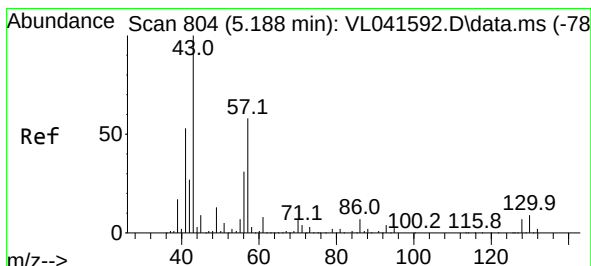
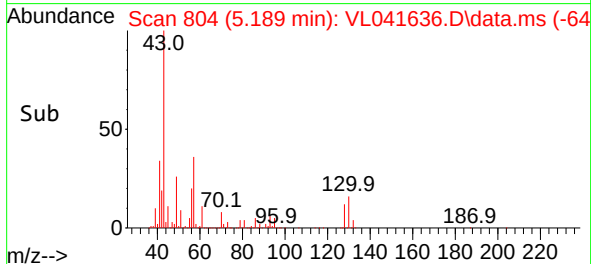
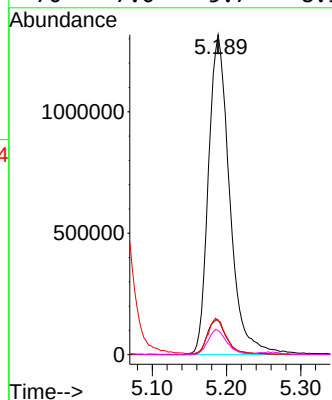
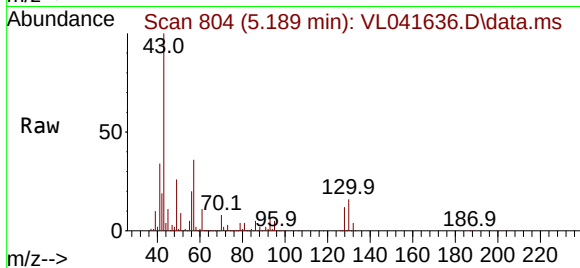


#25
Ethyl Acetate
Concen: 10.129 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2601142

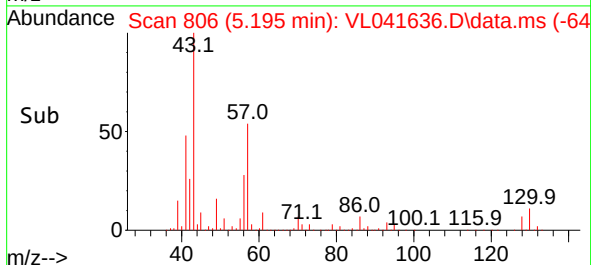
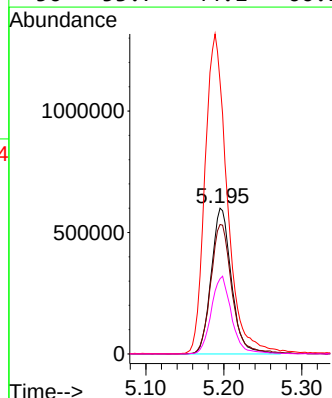
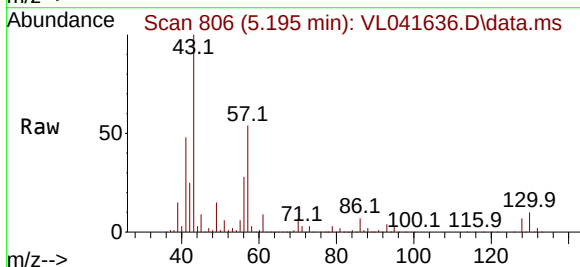
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.5	8.0	12.0
70	7.0	5.7	8.5

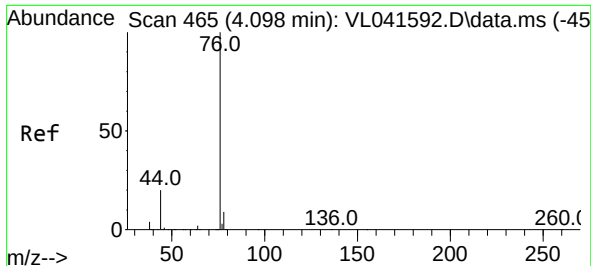


#26
Hexane
Concen: 10.080 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 57 Resp: 1079483

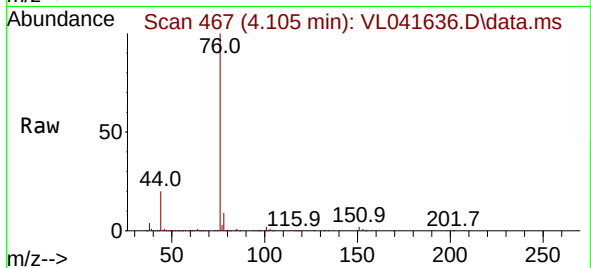
Ion	Ratio	Lower	Upper
57	100		
41	94.1	75.7	113.5
43	243.4	198.5	297.7
56	53.7	44.1	66.1





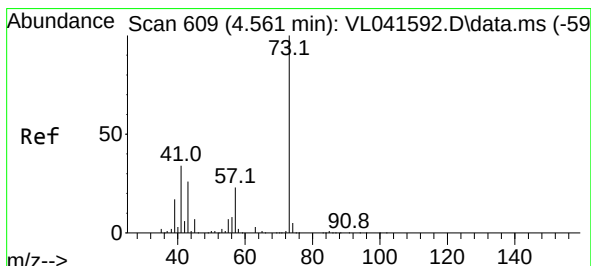
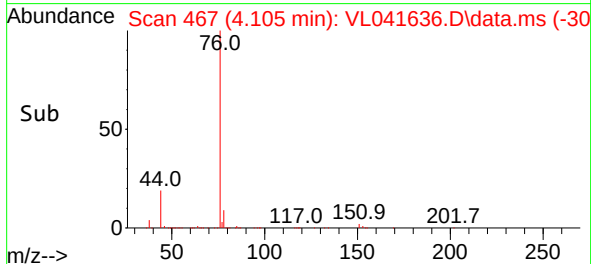
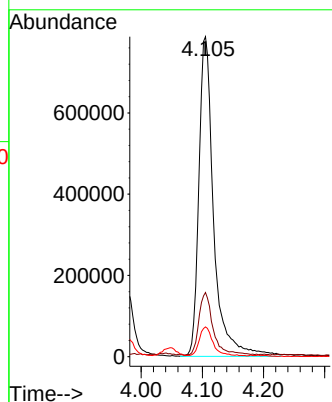
#27
Carbon Disulfide
Concen: 11.652 ppbv
RT: 4.105 min Scan# 411
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1326465

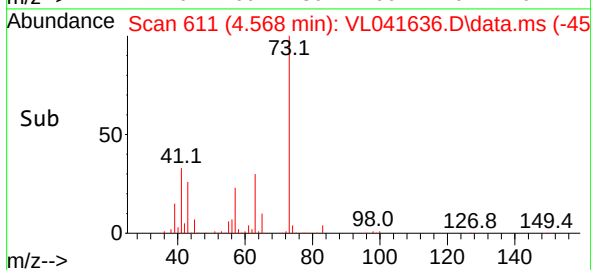
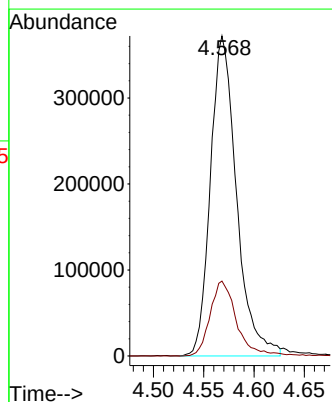
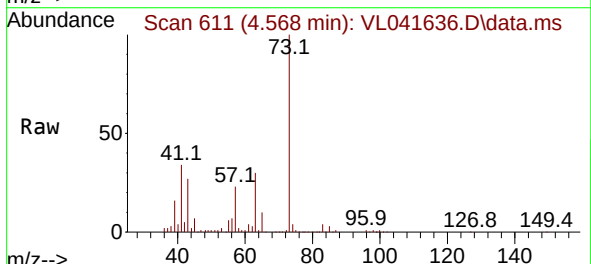
Ion	Ratio	Lower	Upper
76	100		
44	18.9	15.8	23.8
78	9.1	7.5	11.3

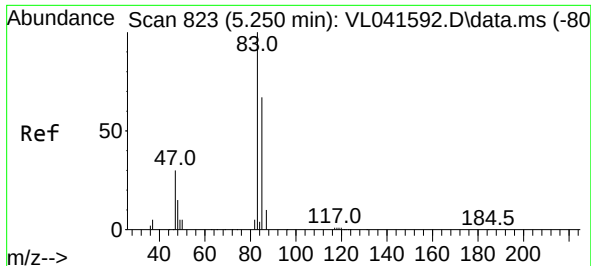


#28
Methyl tert-Butyl Ether
Concen: 10.167 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 73 Resp: 671301

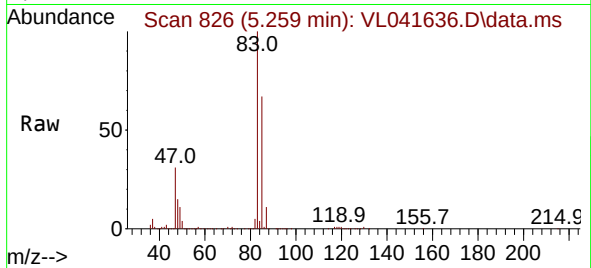
Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.3	28.9



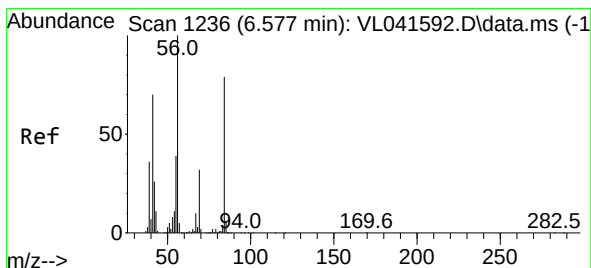
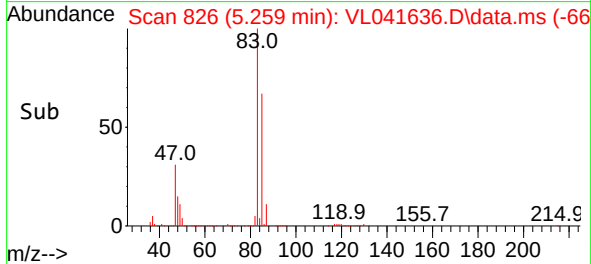
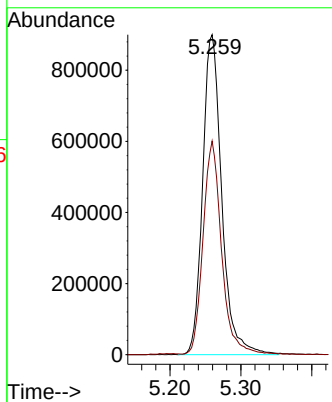


#29
Chloroform
Concen: 9.617 ppbv
RT: 5.259 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :

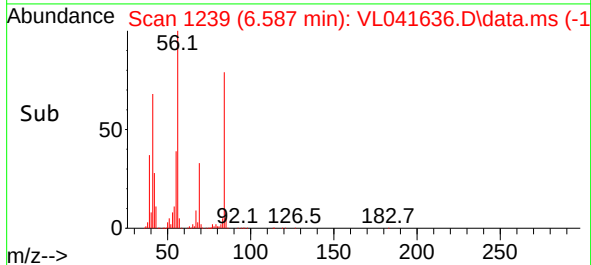
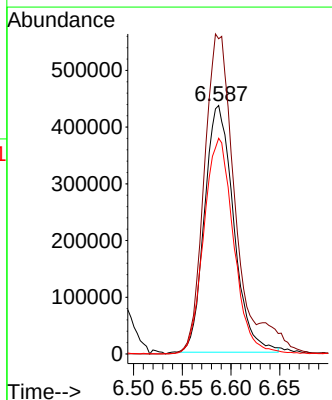
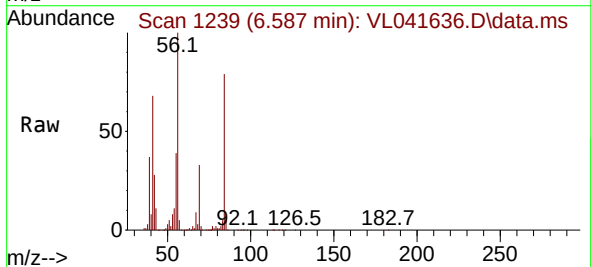


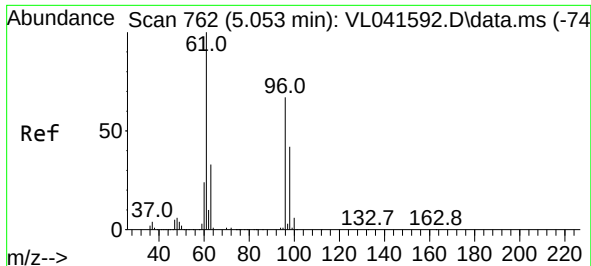
Tgt Ion: 83 Resp: 1685416
Ion Ratio Lower Upper
83 100
85 66.5 53.8 80.6



#30
Cyclohexane
Concen: 10.942 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 84 Resp: 903279
Ion Ratio Lower Upper
84 100
56 140.7 111.5 167.3
41 90.2 70.9 106.3



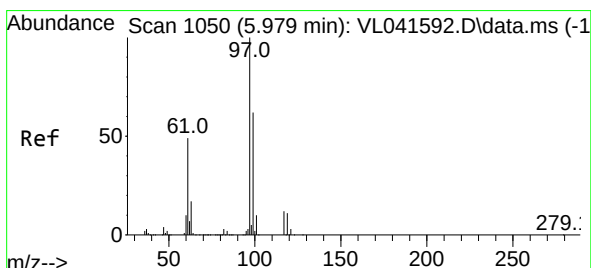
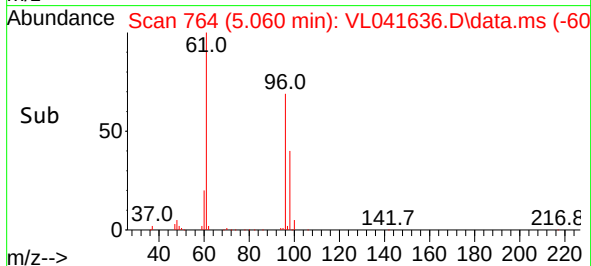
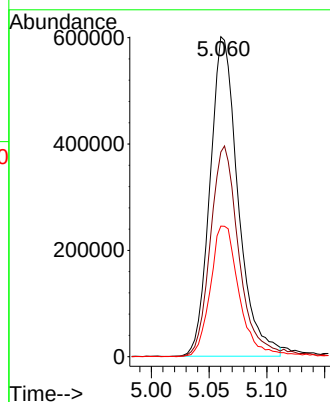
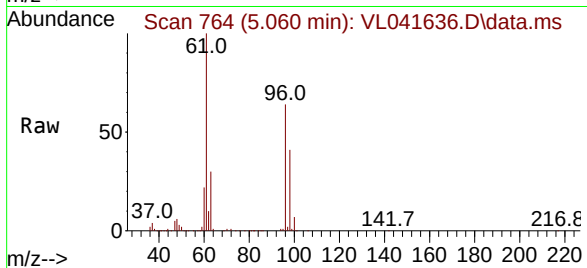


#31
 cis-1,2-Dichloroethene
 Concen: 10.002 ppbv
 RT: 5.060 min Scan# 762
 Delta R.T. 0.007 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1016937

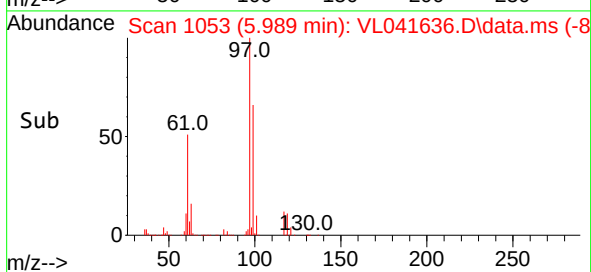
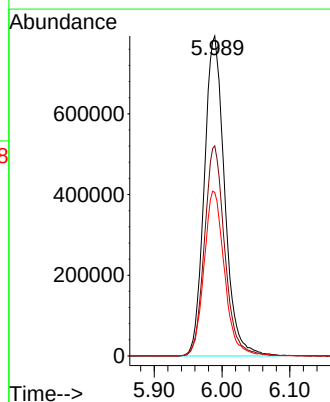
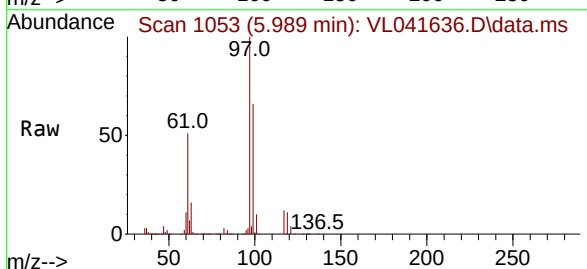
Ion	Ratio	Lower	Upper
61	100		
96	63.9	53.5	80.3
98	40.8	33.7	50.5

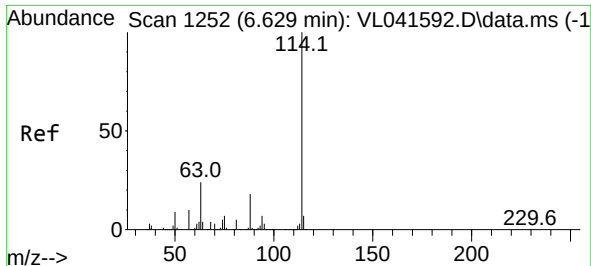


#32
 1,1,1-Trichloroethane
 Concen: 10.617 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.010 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 97 Resp: 1657192

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.4
61	52.0	41.0	61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

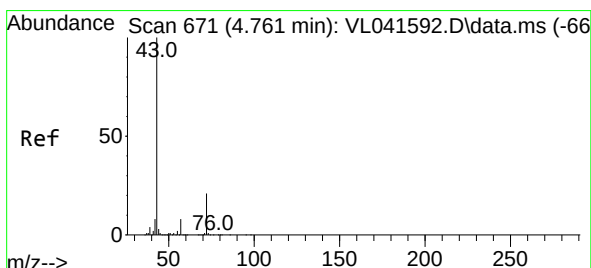
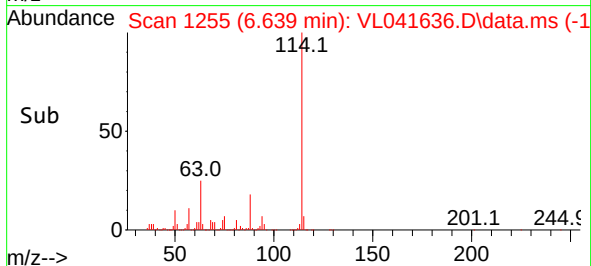
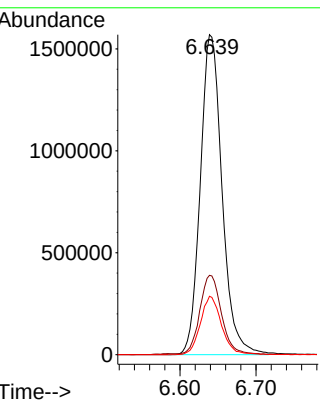
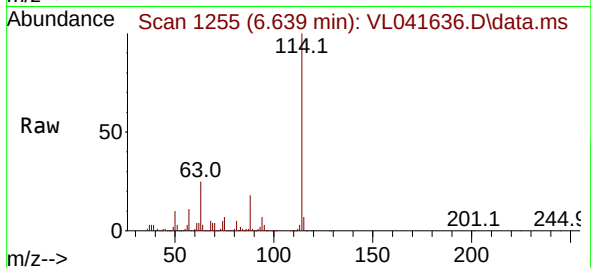
Tgt Ion:114 Resp: 3120825

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 8.998 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.007 min

Lab File: VL041636.D

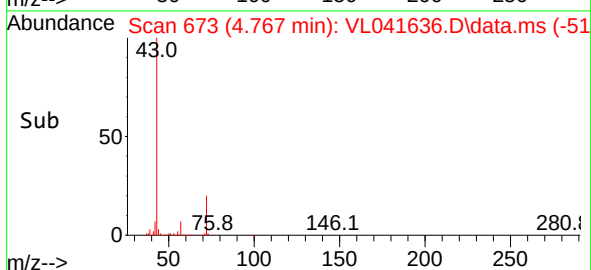
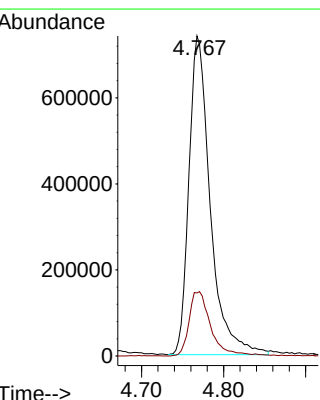
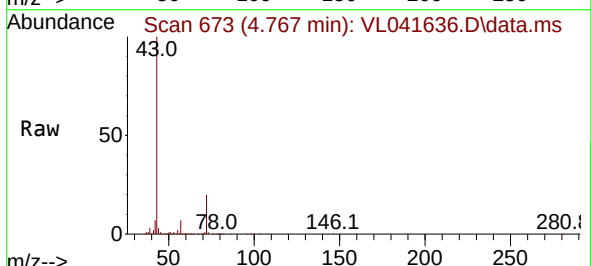
Acq: 10 Oct 2024 10:38

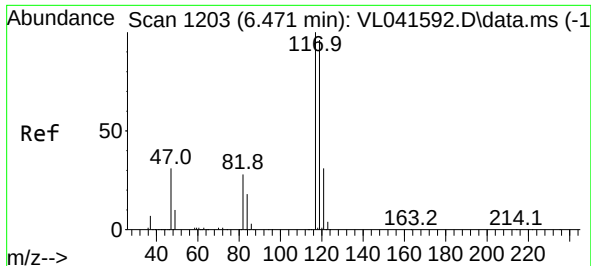
Tgt Ion: 43 Resp: 1339030

Ion Ratio Lower Upper

43 100

72 21.0 16.8 25.2

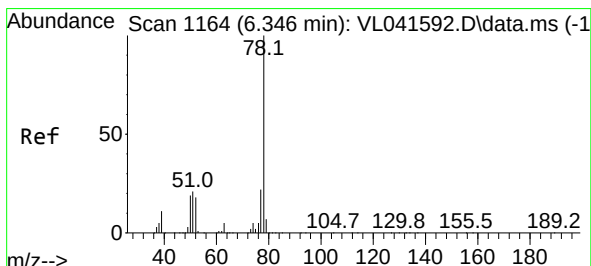
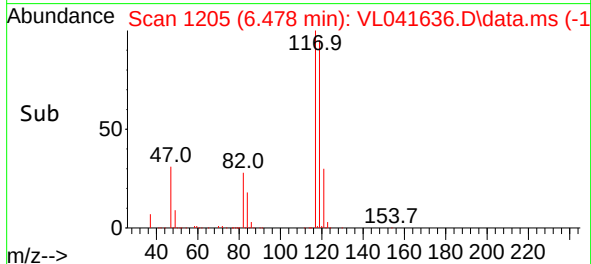
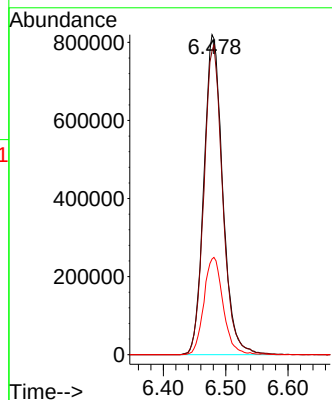
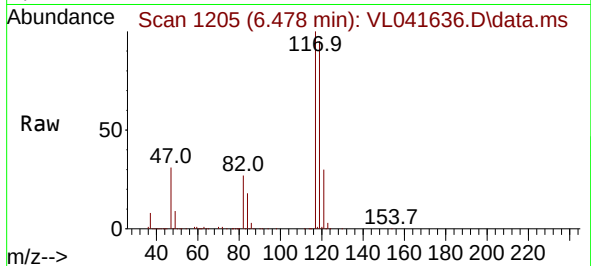




#35
Carbon Tetrachloride
Concen: 11.260 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

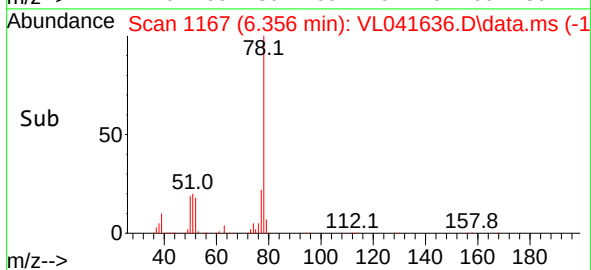
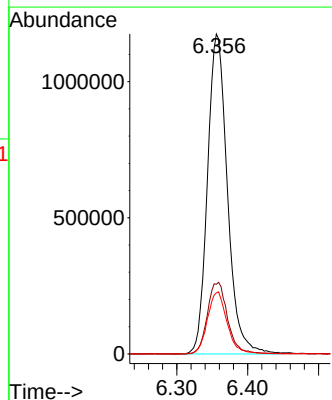
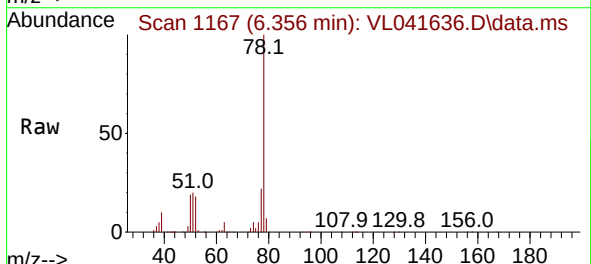
Instrument :
MSVOA_L
ClientSampleId :

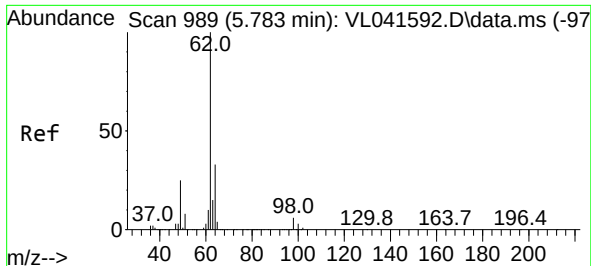
Tgt Ion:117 Resp: 1724125
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 29.9 25.0 37.6



#36
Benzene
Concen: 10.586 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 78 Resp: 2294349
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.6
50 19.1 15.4 23.0





#37

1,2-Dichloroethane

Concen: 9.983 ppbv

RT: 5.793 min Scan# 989

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

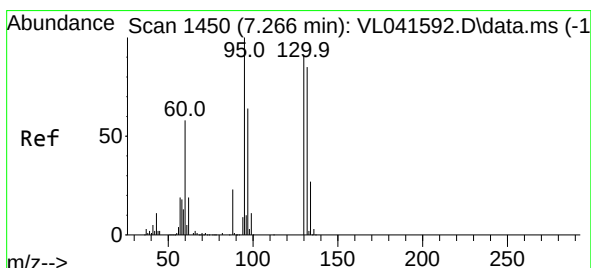
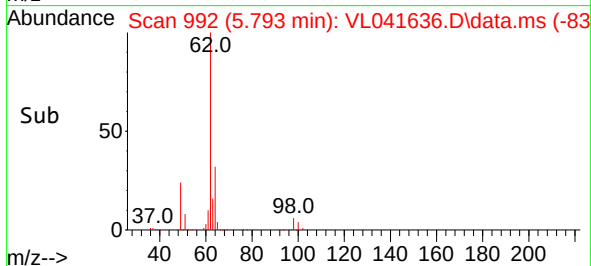
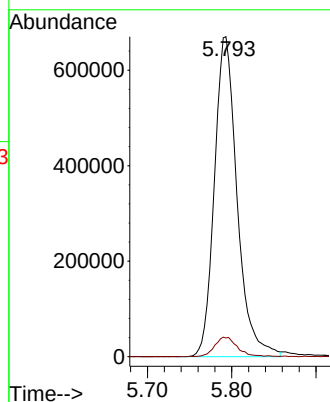
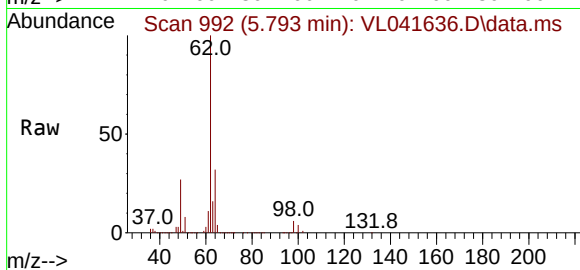
ClientSampleId :

Tgt Ion: 62 Resp: 1255342

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 10.352 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion:130 Resp: 1155435

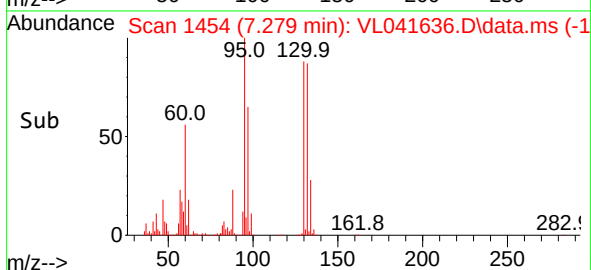
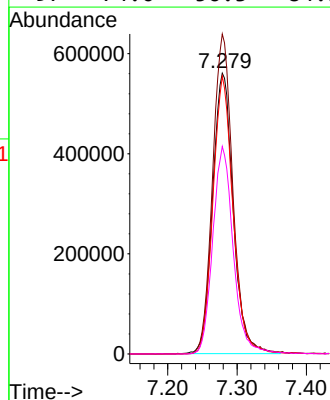
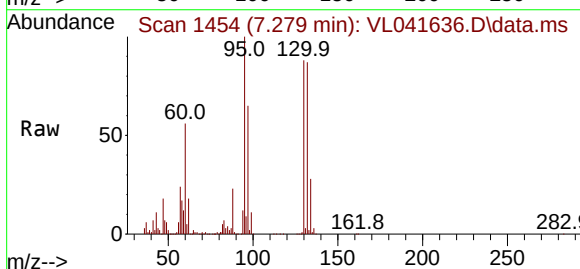
Ion Ratio Lower Upper

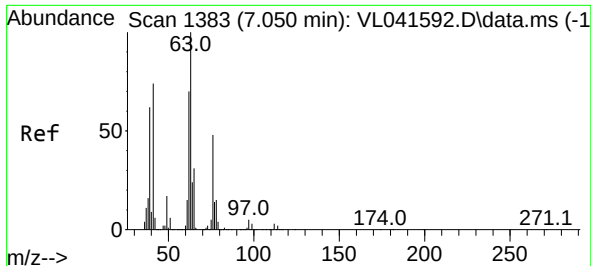
130 100

95 114.1 87.7 131.5

132 99.0 74.5 111.7

97 74.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.031 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

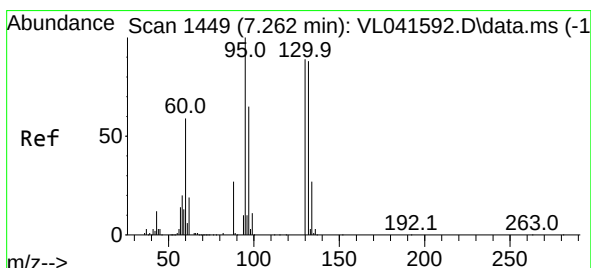
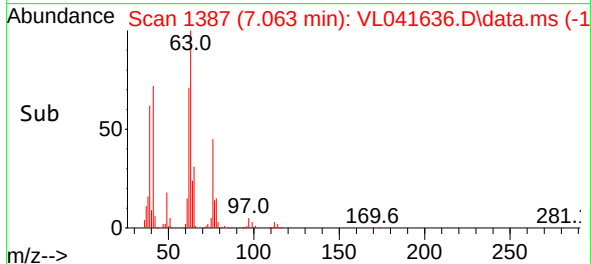
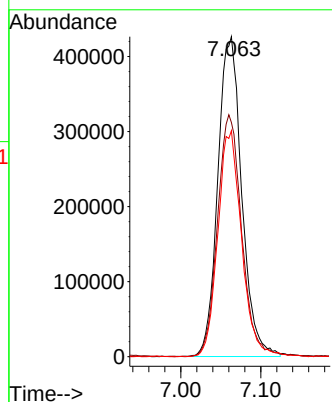
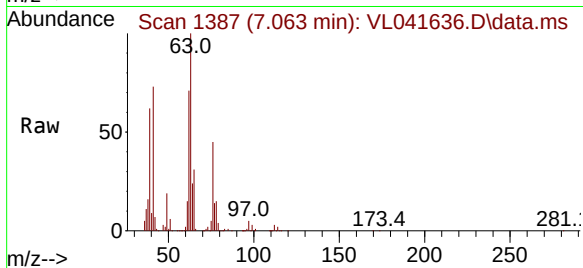
Tgt Ion: 63 Resp: 884473

Ion Ratio Lower Upper

63 100

41 73.2 59.5 89.3

62 70.6 56.2 84.2



#40

1,4-Dioxane

Concen: 10.598 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion: 88 Resp: 352255

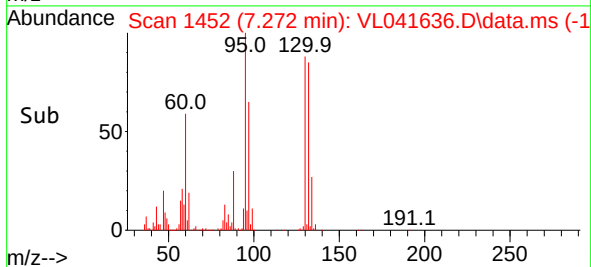
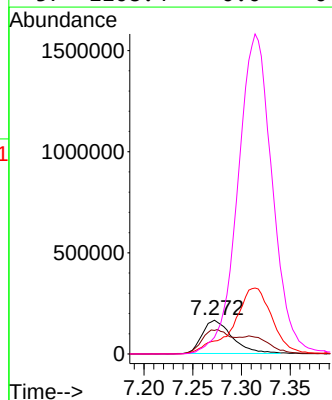
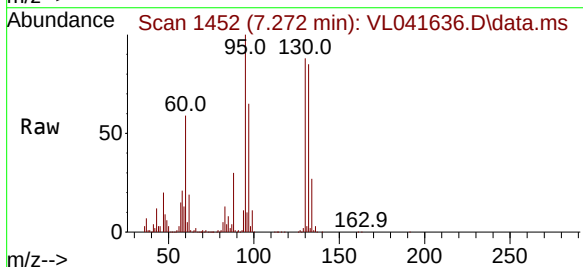
Ion Ratio Lower Upper

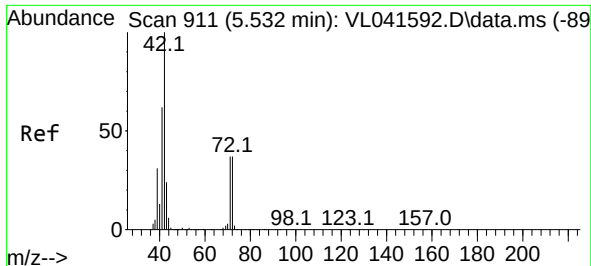
88 100

58 125.6 100.2 150.4

43 258.9 0.0 0.0#

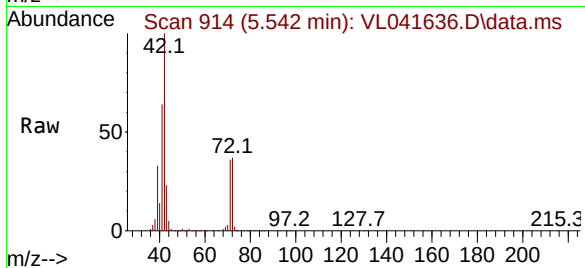
57 1108.4 0.0 0.0#



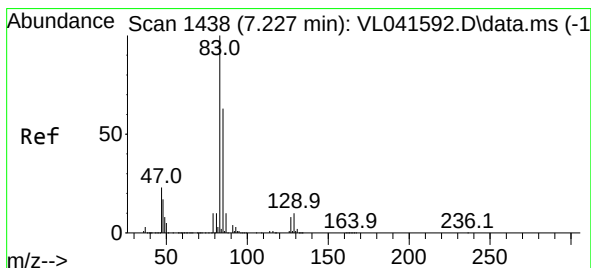
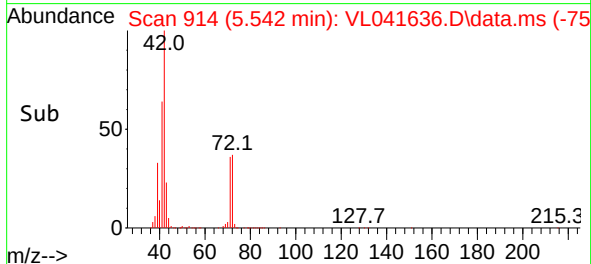
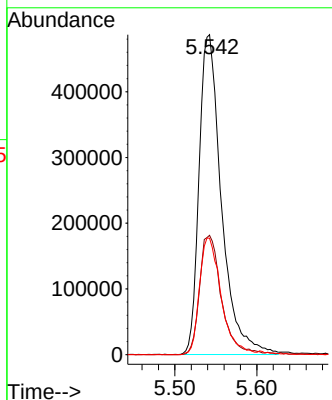


#41
Tetrahydrofuran
Concen: 11.253 ppbv
RT: 5.542 min Scan# 911
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :

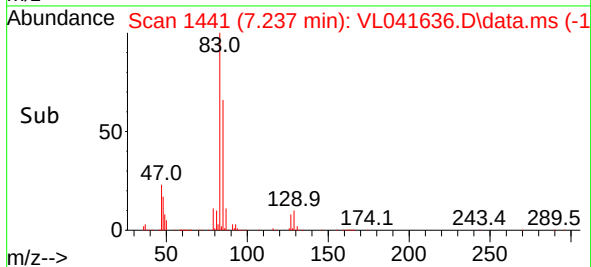
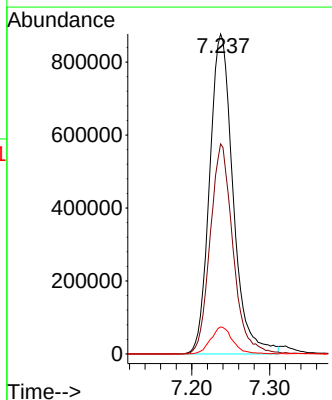
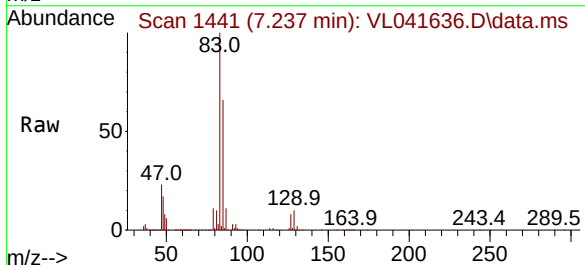


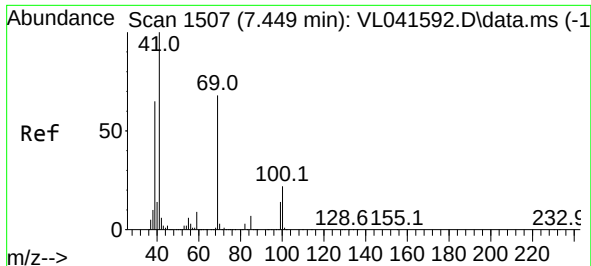
Tgt Ion: 42 Resp: 921578
Ion Ratio Lower Upper
42 100
72 36.9 30.2 45.2
71 36.3 29.6 44.4



#42
Bromodichloromethane
Concen: 10.485 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 83 Resp: 1834395
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.4 6.5 9.7

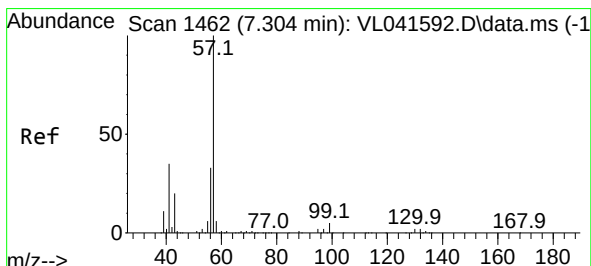
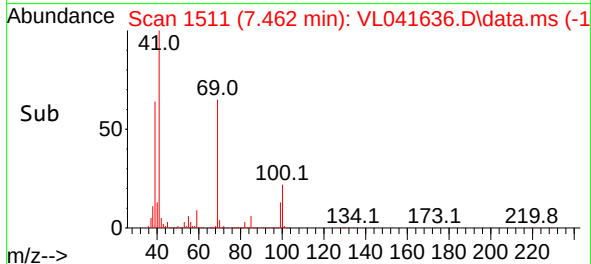
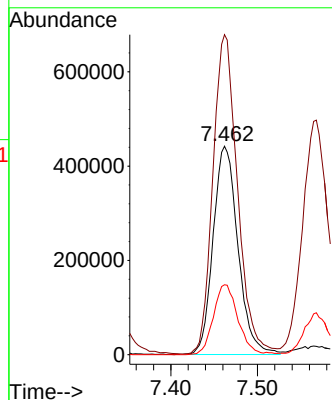
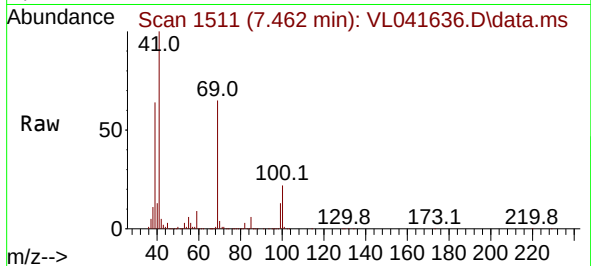




#43
Methyl Methacrylate
Concen: 11.369 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

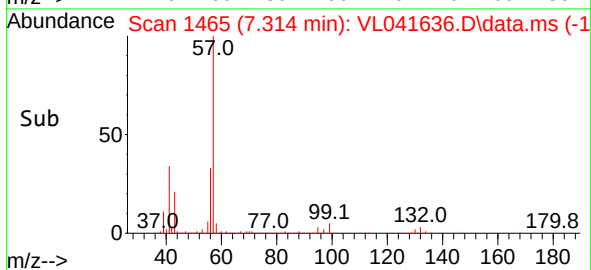
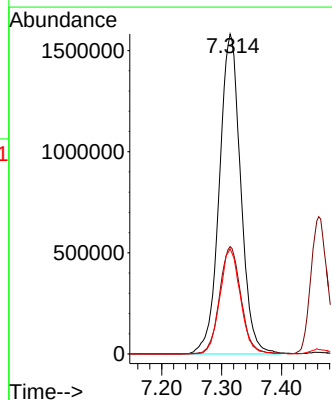
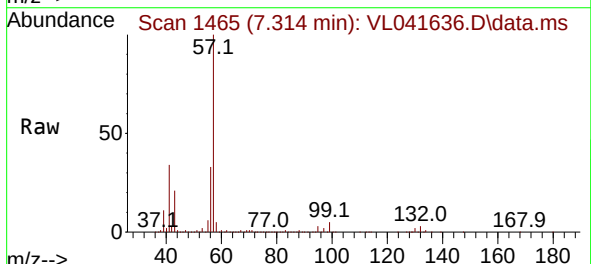
Instrument :
MSVOA_L
ClientSampleId :

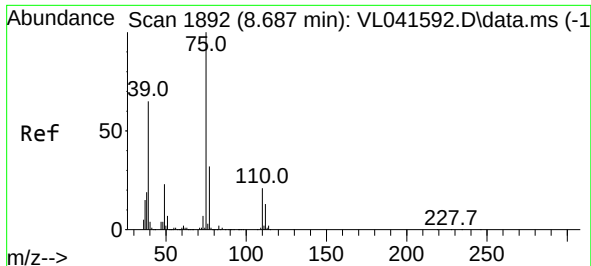
Tgt Ion: 69 Resp: 881765
Ion Ratio Lower Upper
69 100
41 152.1 121.8 182.6
100 33.2 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 10.400 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 57 Resp: 3899661
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.8 25.5 38.3

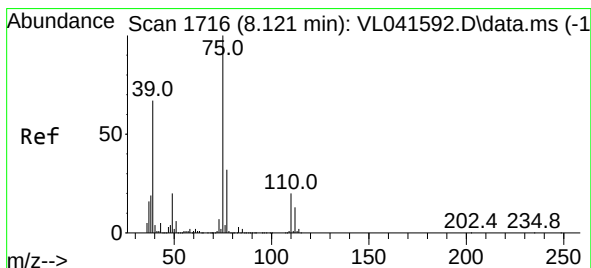
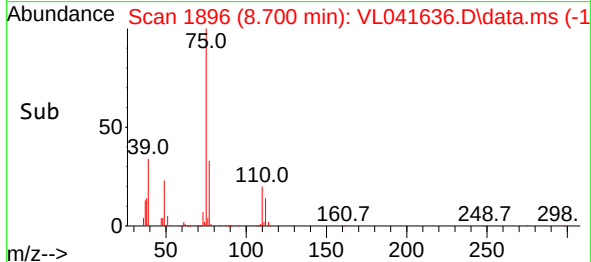
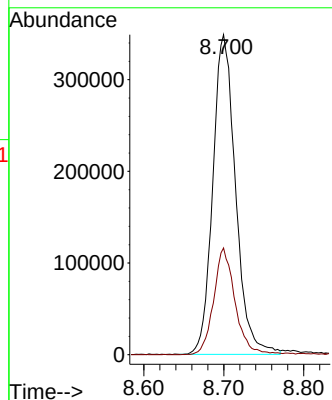
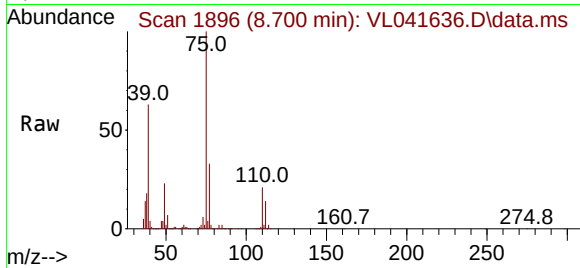




#45
 t-1,3-Dichloropropene
 Concen: 11.033 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

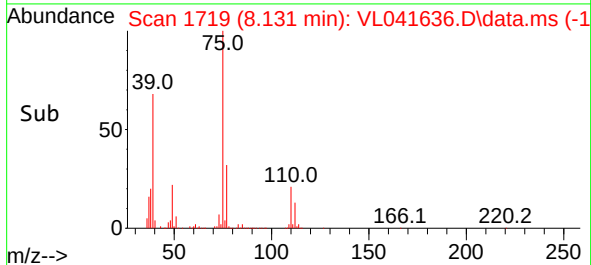
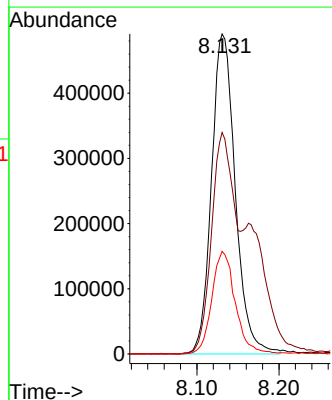
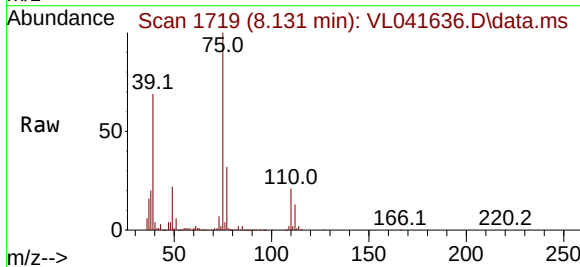
Instrument :
 MSVOA_L
 ClientSampleId :

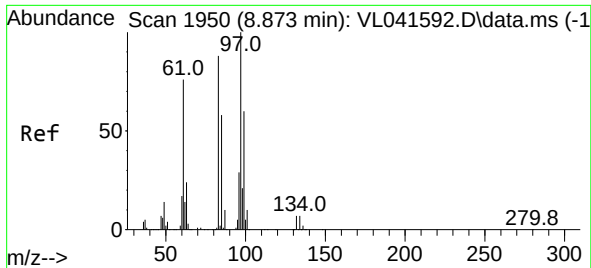
Tgt Ion: 75 Resp: 689956
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.798 ppbv
 RT: 8.131 min Scan# 1719
 Delta R.T. 0.010 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

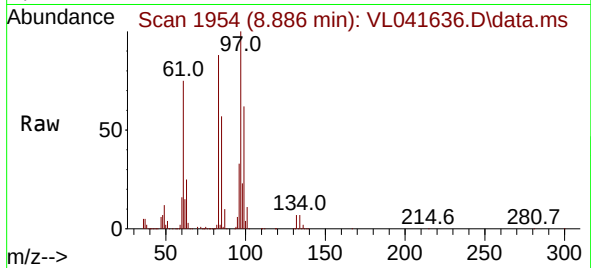
Tgt Ion: 75 Resp: 989234
 Ion Ratio Lower Upper
 75 100
 39 69.1 54.0 81.0
 77 32.1 25.2 37.8





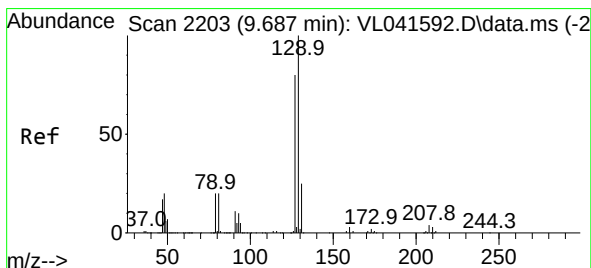
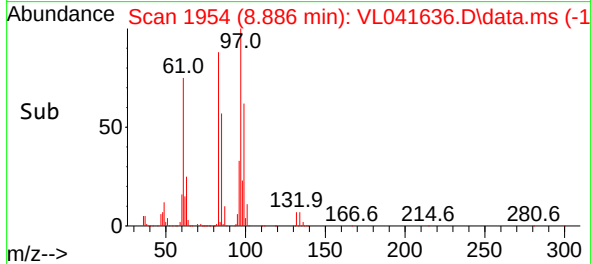
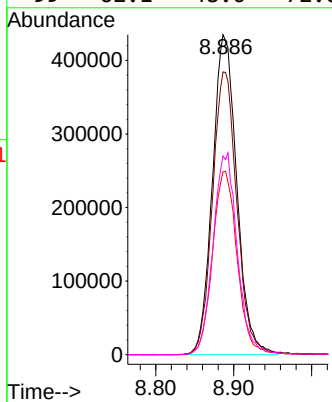
#47
1,1,2-Trichloroethane
Concen: 10.088 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 97 Resp: 944389

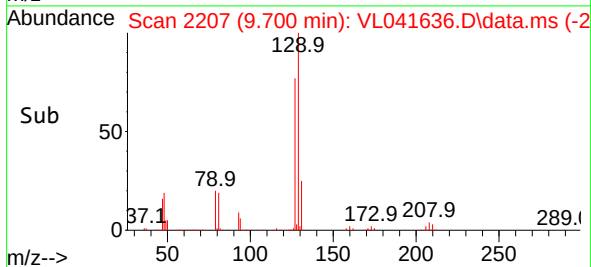
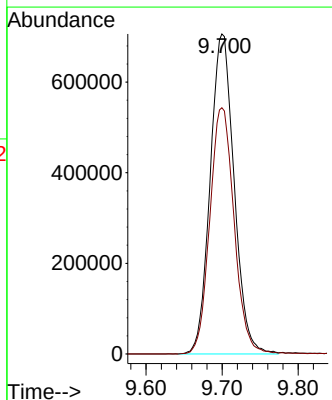
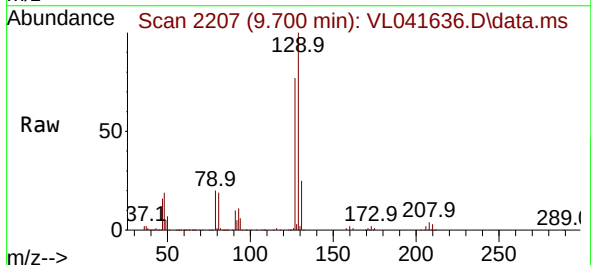
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.2	105.4
85	57.1	46.3	69.5
99	62.1	48.0	72.0

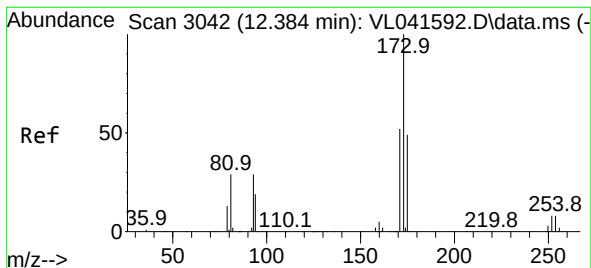


#48
Dibromochloromethane
Concen: 10.886 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 129 Resp: 1544080

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.9





#49

Bromoform

Concen: 10.880 ppbv

RT: 12.397 min Scan# 3042

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

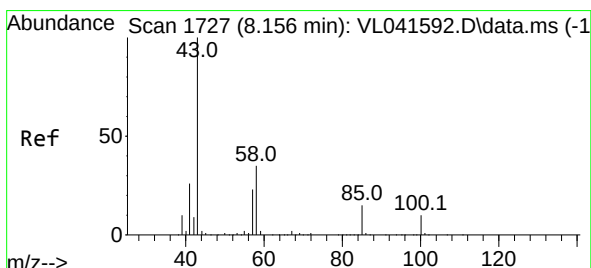
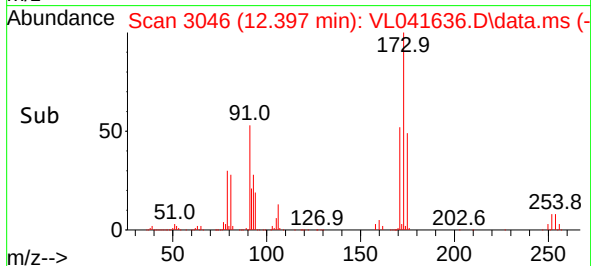
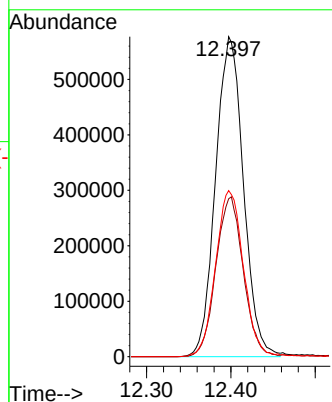
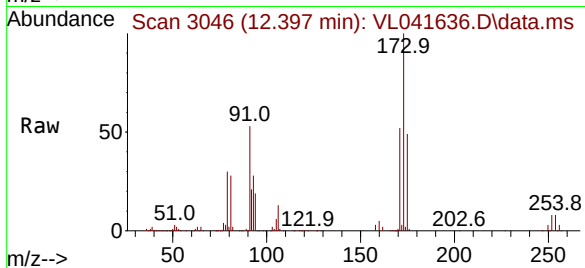
Tgt Ion:173 Resp: 1324724

Ion Ratio Lower Upper

173 100

175 49.5 40.1 60.1

171 52.2 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 11.108 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.013 min

Lab File: VL041636.D

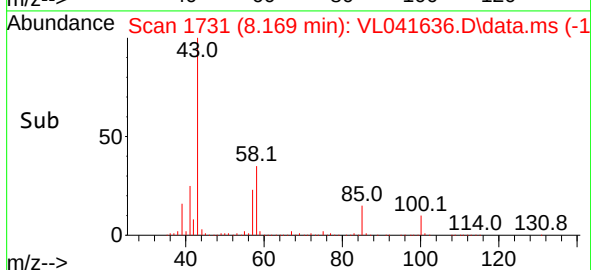
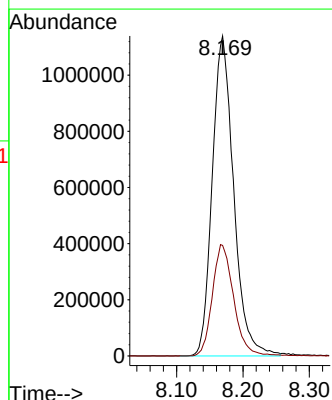
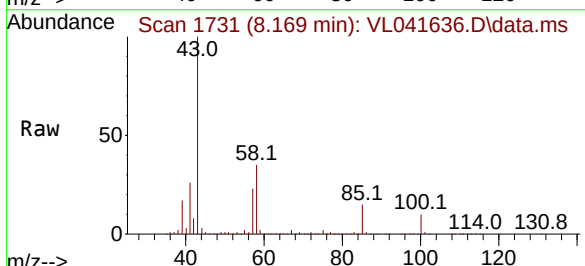
Acq: 10 Oct 2024 10:38

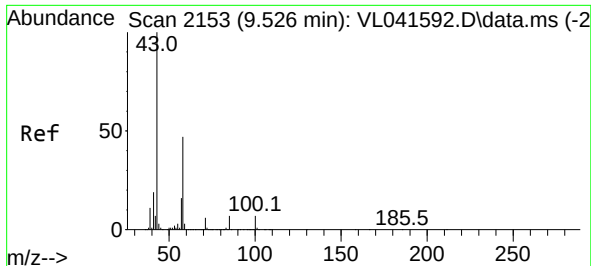
Tgt Ion: 43 Resp: 2552765

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8

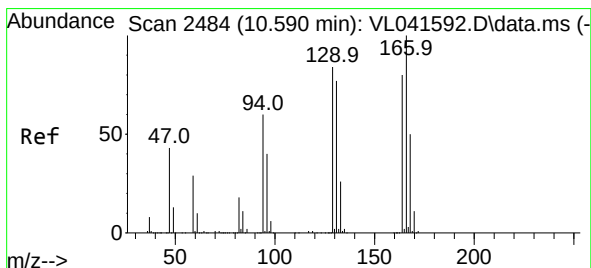
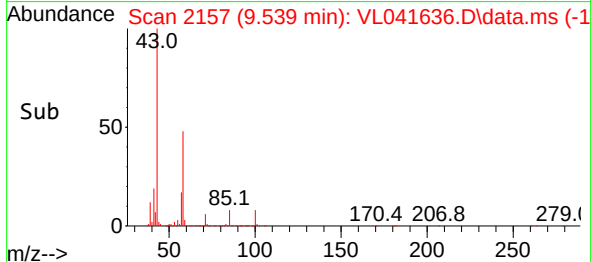
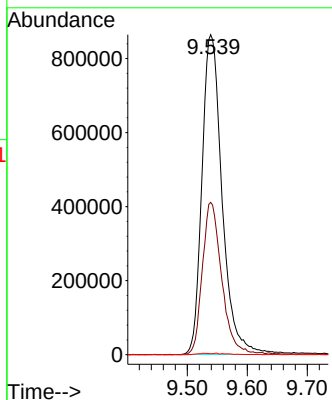
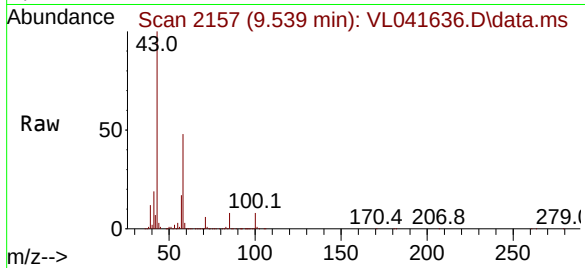




#51
2-Hexanone
Concen: 11.634 ppbv
RT: 9.539 min Scan# 2153
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

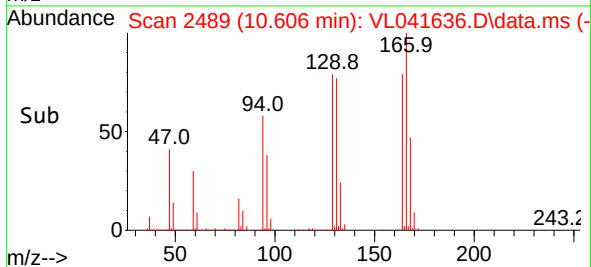
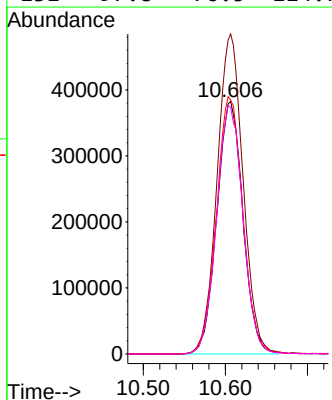
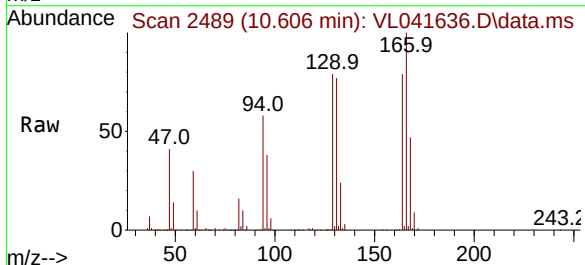
Instrument :
MSVOA_L
ClientSampleId :

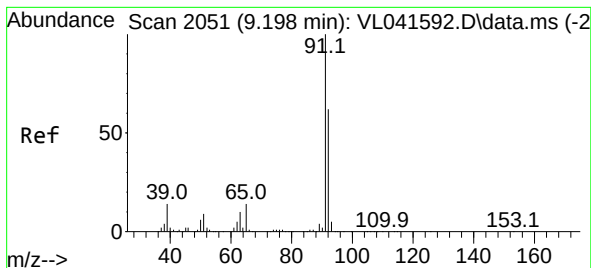
Tgt Ion: 43 Resp: 2022369
Ion Ratio Lower Upper
43 100
58 46.1 37.2 55.8
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 10.768 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 164 Resp: 845060
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.2
129 100.6 83.5 125.3
131 97.8 76.5 114.7





#53

Toluene

Concen: 11.422 ppbv

RT: 9.211 min Scan# 2051

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

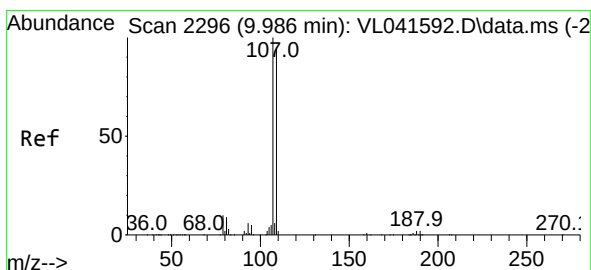
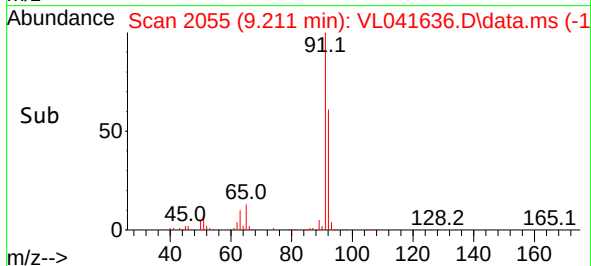
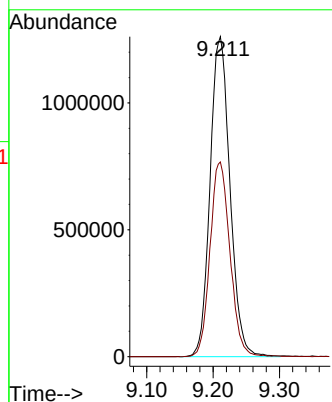
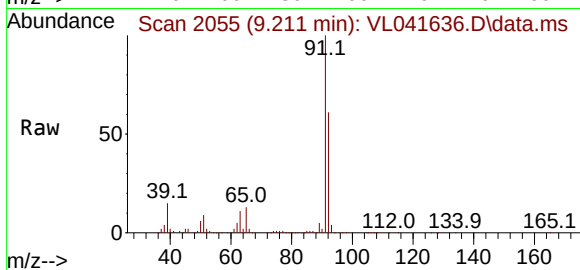
ClientSampleId :

Tgt Ion: 91 Resp: 2627949

Ion Ratio Lower Upper

91 100

92 61.1 48.9 73.3



#54

1,2-Dibromoethane

Concen: 10.671 ppbv

RT: 9.999 min Scan# 2300

Delta R.T. 0.013 min

Lab File: VL041636.D

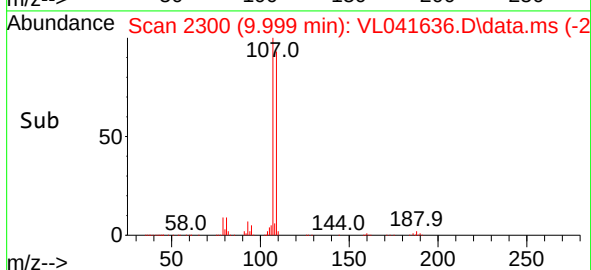
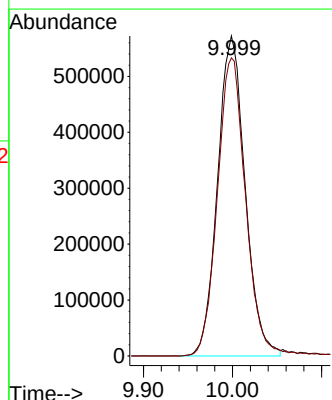
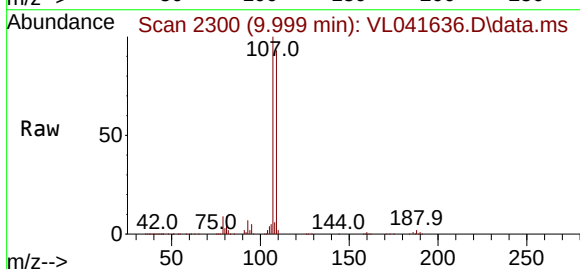
Acq: 10 Oct 2024 10:38

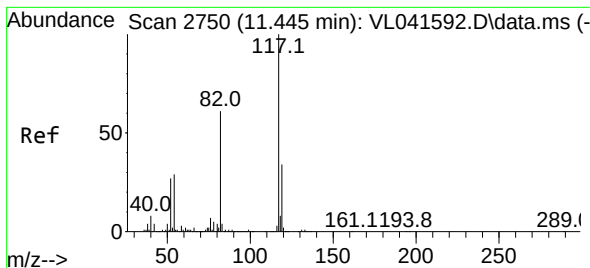
Tgt Ion: 107 Resp: 1230231

Ion Ratio Lower Upper

107 100

109 93.1 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2750

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

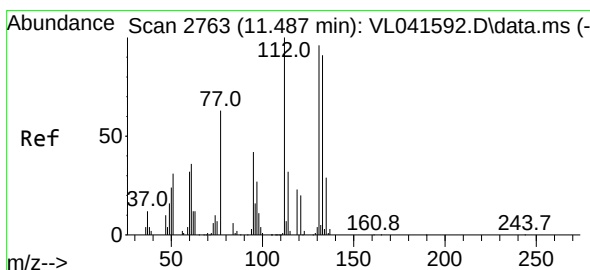
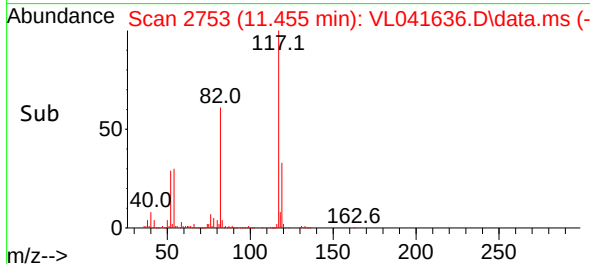
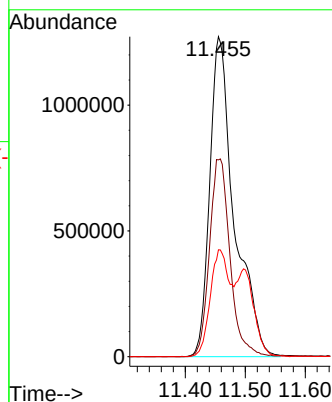
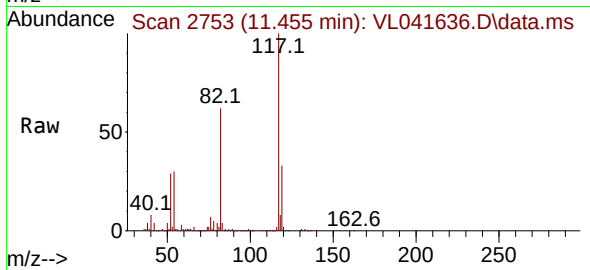
Tgt Ion:117 Resp: 3613138

Ion Ratio Lower Upper

117 100

82 52.2 49.4 74.2

119 27.1 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 8.269 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

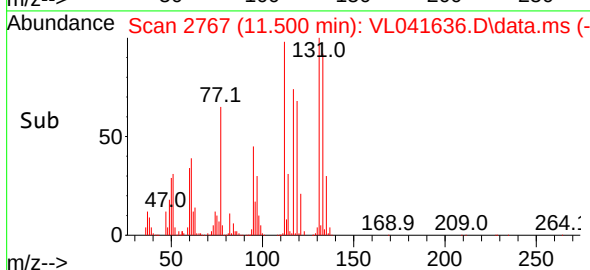
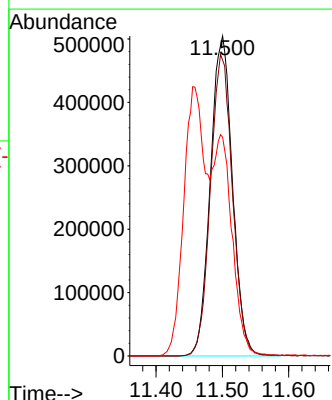
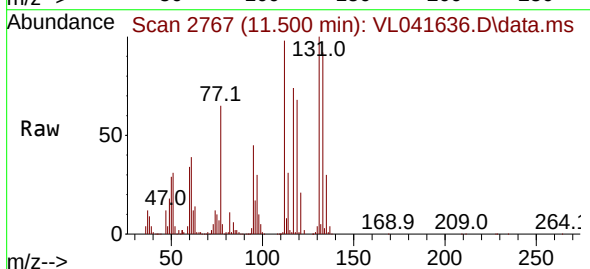
Tgt Ion:131 Resp: 1166485

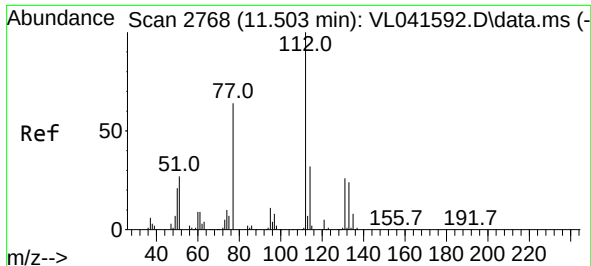
Ion Ratio Lower Upper

131 100

133 94.2 76.6 115.0

119 65.2 48.5 72.7

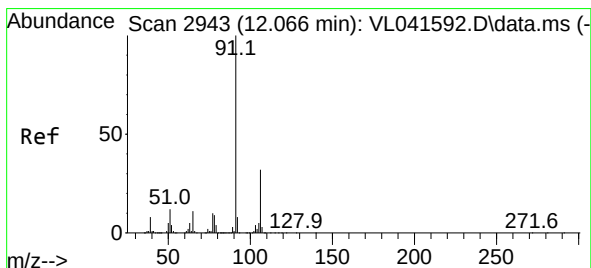
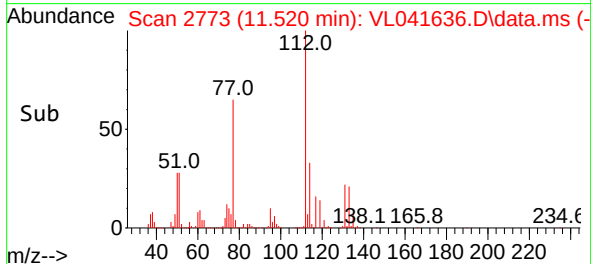
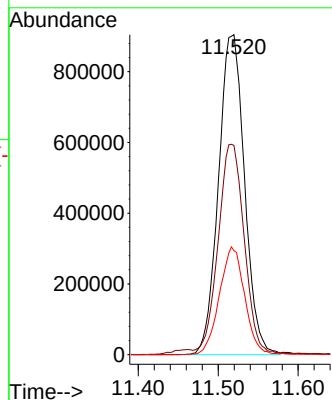
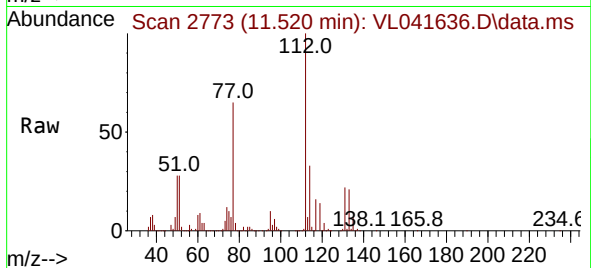




#57
Chlorobenzene
Concen: 7.847 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

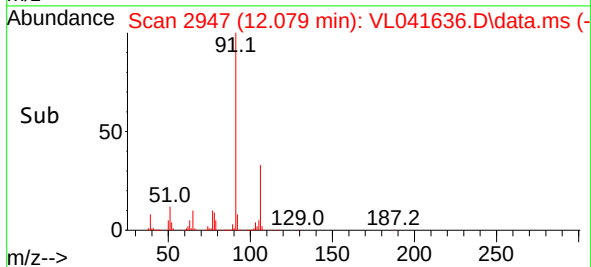
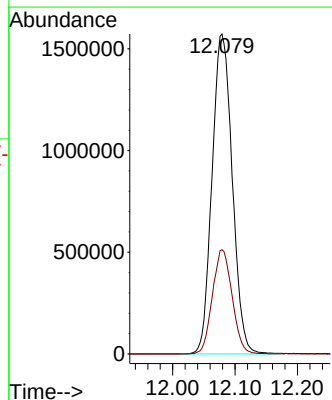
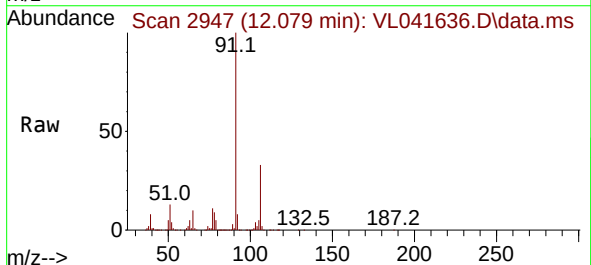
Instrument :
MSVOA_L
ClientSampleId :

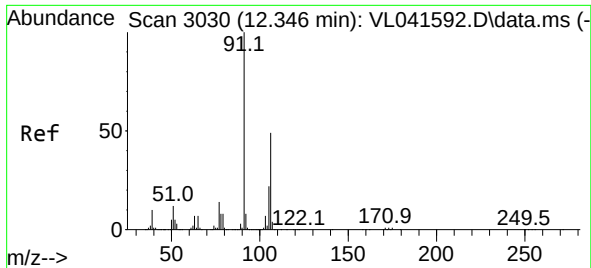
Tgt Ion:112 Resp: 2044175
Ion Ratio Lower Upper
112 100
77 64.9 52.0 78.0
114 32.5 28.6 35.0



#58
Ethyl Benzene
Concen: 9.155 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 91 Resp: 3540945
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6





#59

m/p-Xylene

Concen: 8.429 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

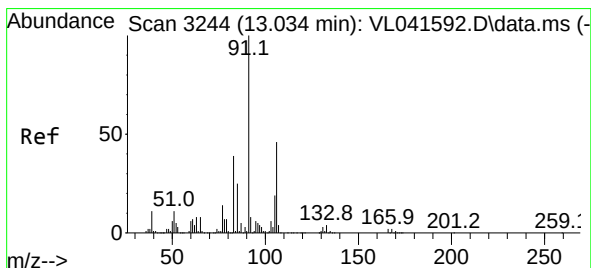
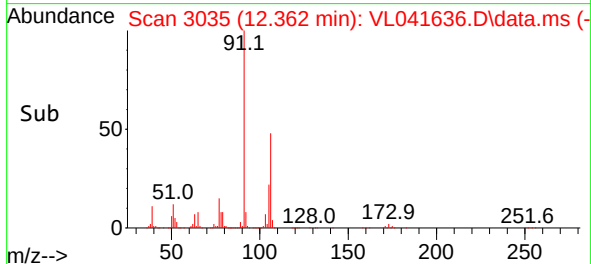
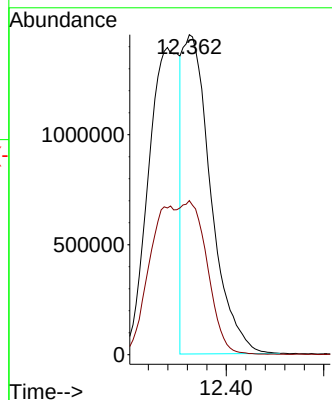
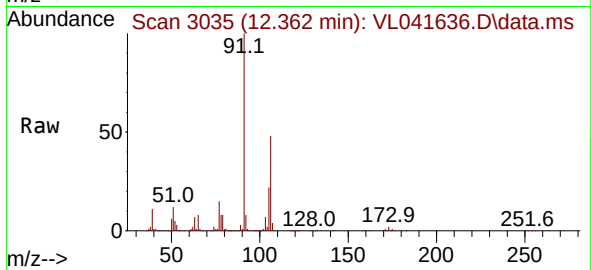
ClientSampleId :

Tgt Ion: 91 Resp: 2901742

Ion Ratio Lower Upper

91 100

106 94.2 36.8 55.2#



#60

o-Xylene

Concen: 8.855 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.016 min

Lab File: VL041636.D

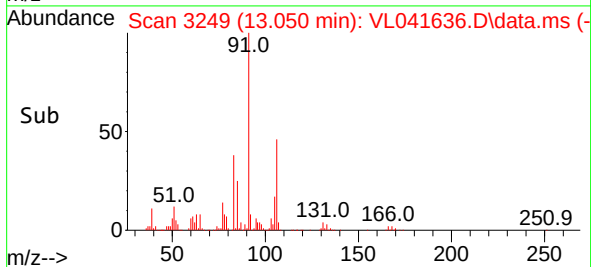
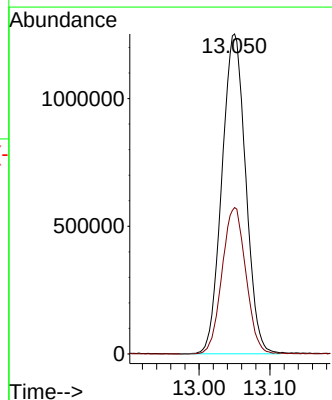
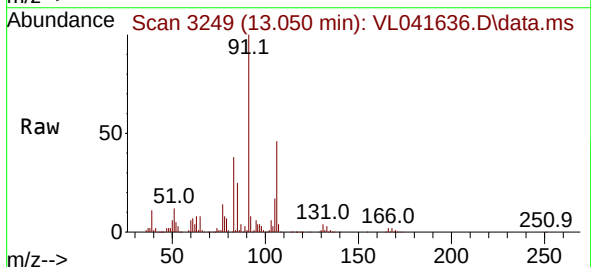
Acq: 10 Oct 2024 10:38

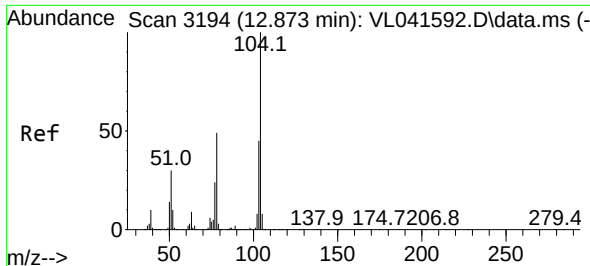
Tgt Ion: 91 Resp: 2922422

Ion Ratio Lower Upper

91 100

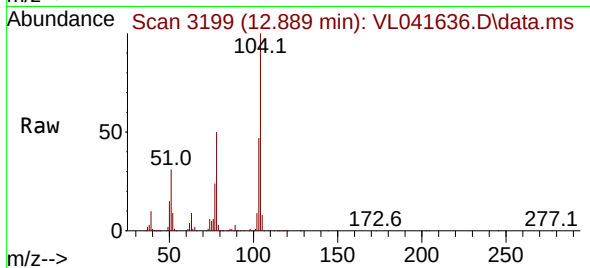
106 45.9 23.1 69.3



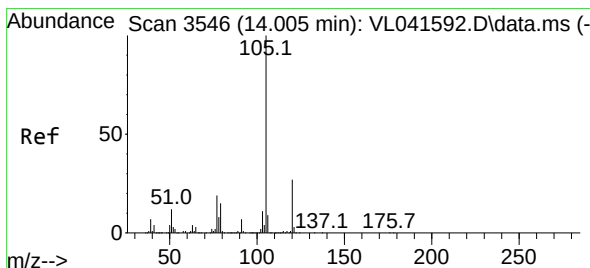
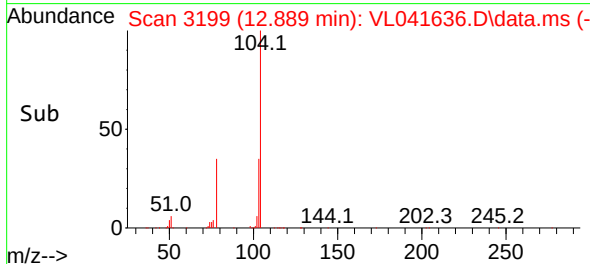
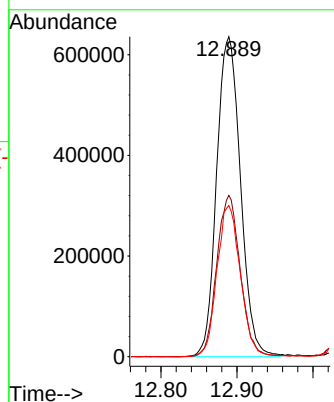


#61
Styrene
Concen: 10.051 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :

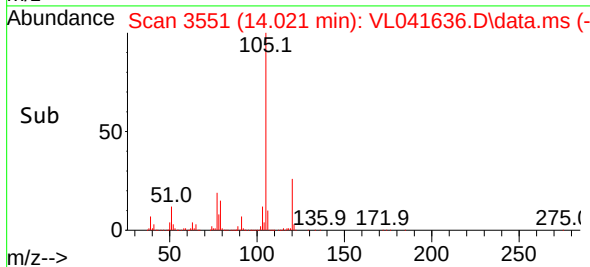
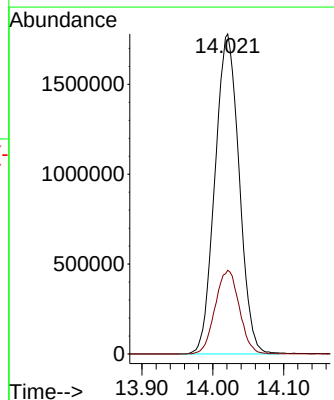
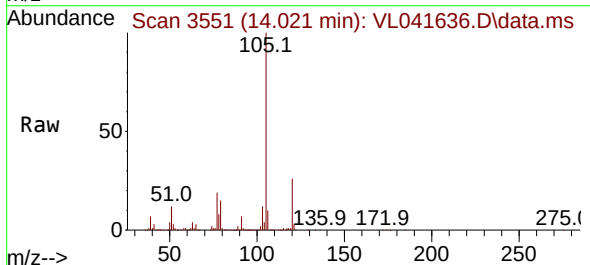


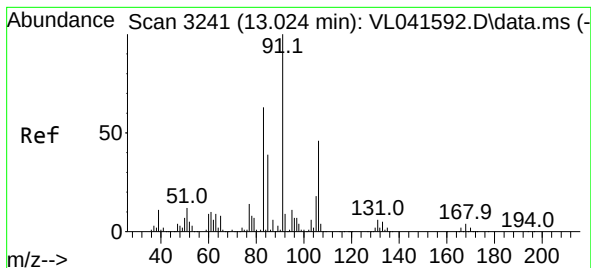
Tgt Ion:104 Resp: 1385807
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 46.7 37.4 56.0



#62
Isopropylbenzene
Concen: 8.434 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:105 Resp: 4217117
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3

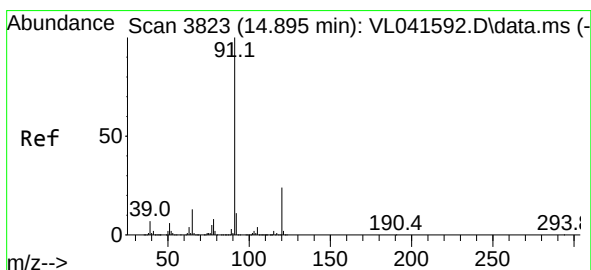
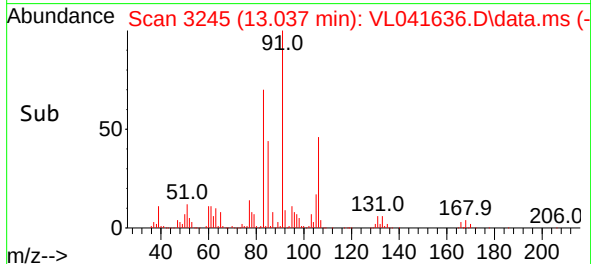
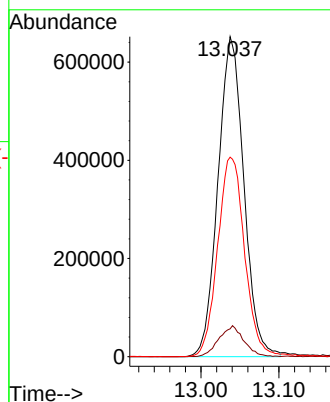
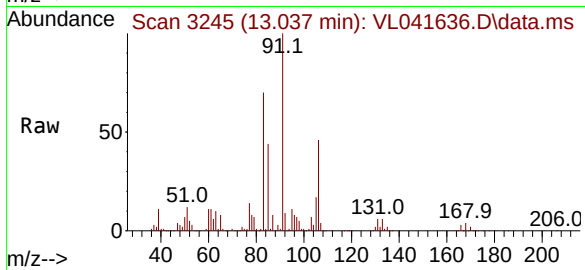




#63
1,1,2,2-Tetrachloroethane
Concen: 8.918 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

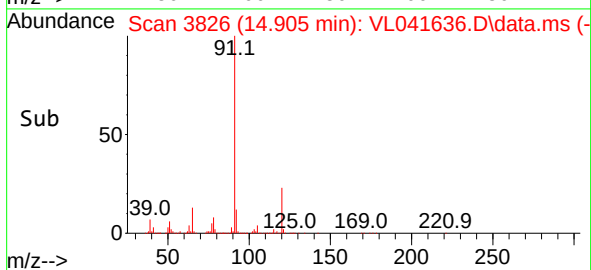
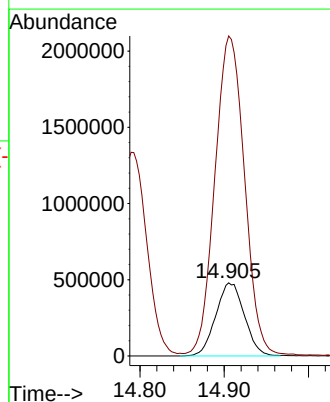
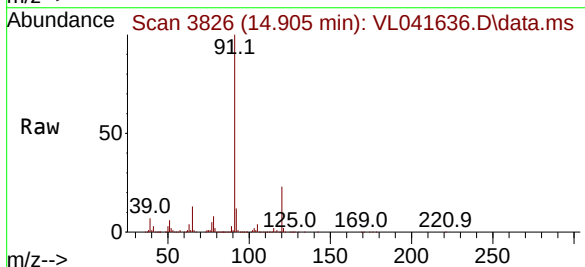
Instrument :
MSVOA_L
ClientSampleId :

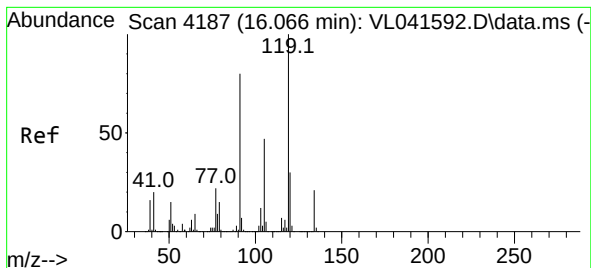
Tgt Ion: 83 Resp: 1504875
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.4 32.5 97.4



#64
n-propylbenzene
Concen: 8.758 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:120 Resp: 1130913
Ion Ratio Lower Upper
120 100
91 455.6 366.4 549.6





#65

tert-Butylbenzene

Concen: 8.185 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

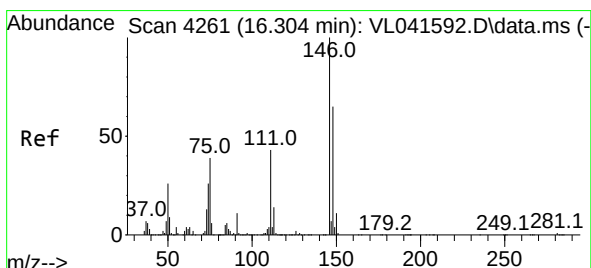
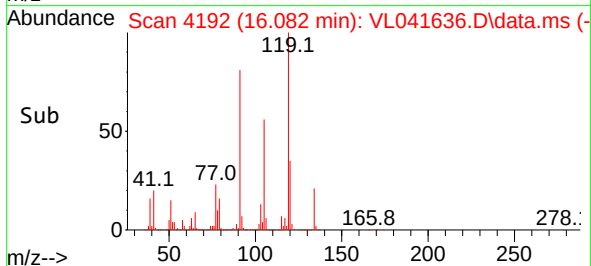
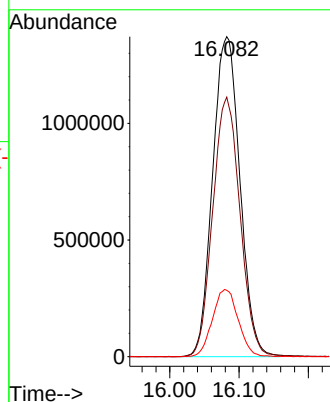
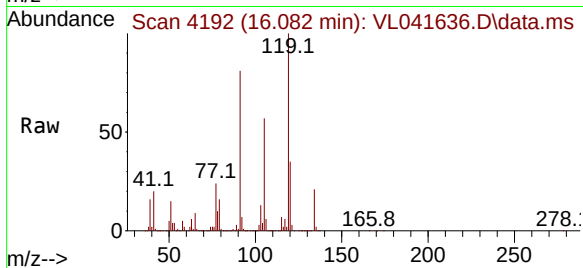
Tgt Ion:119 Resp: 3751383

Ion Ratio Lower Upper

119 100

91 81.2 64.6 96.8

134 19.9 15.8 23.8



#66

Benzyl Chloride

Concen: 8.511 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

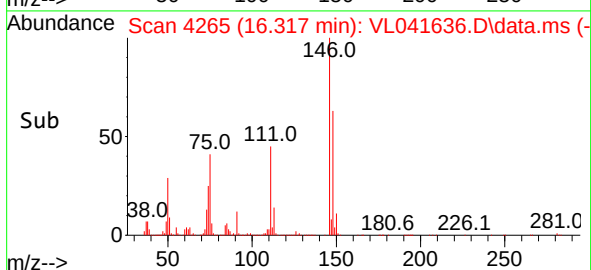
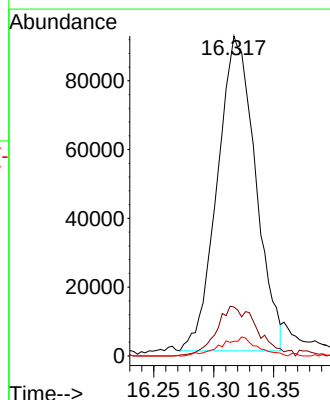
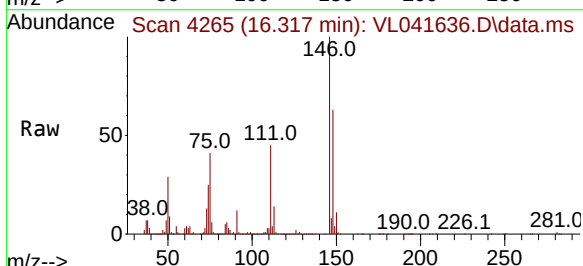
Tgt Ion: 91 Resp: 202794

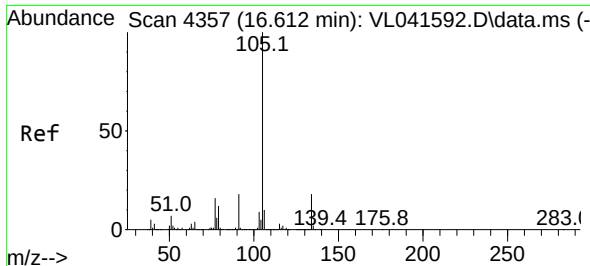
Ion Ratio Lower Upper

91 100

126 16.9 15.4 23.2

128 5.9 4.8 7.2

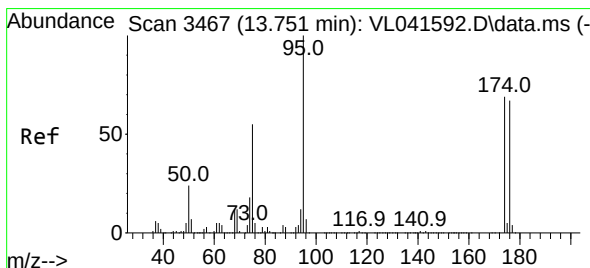
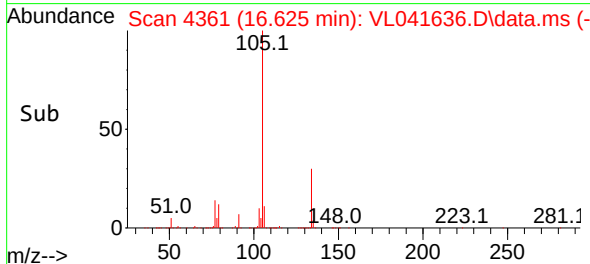
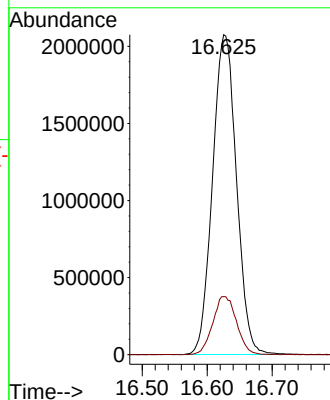
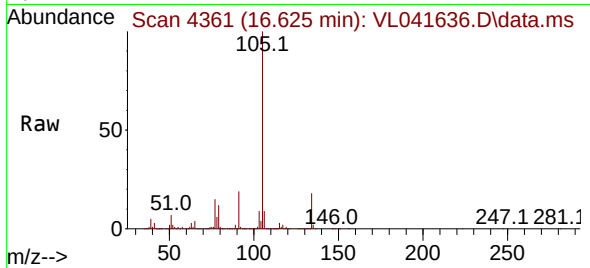




#67
 sec-Butylbenzene
 Concen: 8.339 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

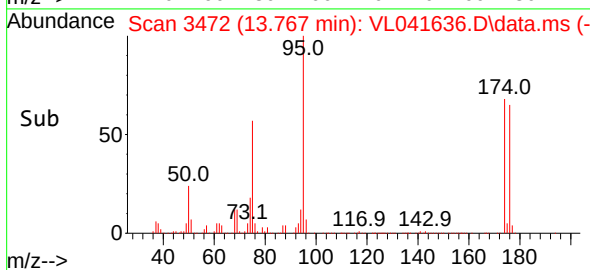
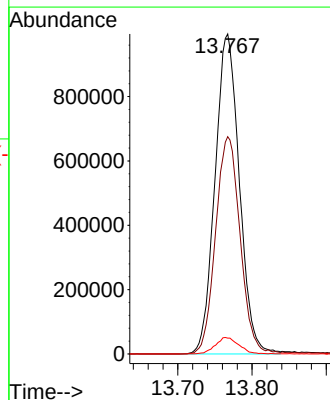
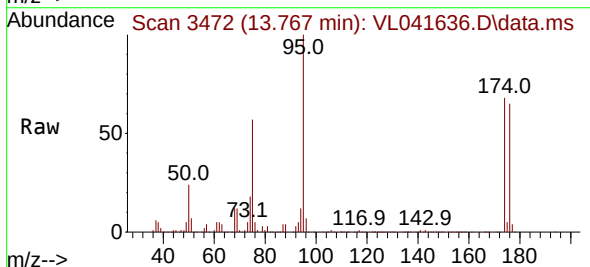
Instrument :
 MSVOA_L
 ClientSampleId :

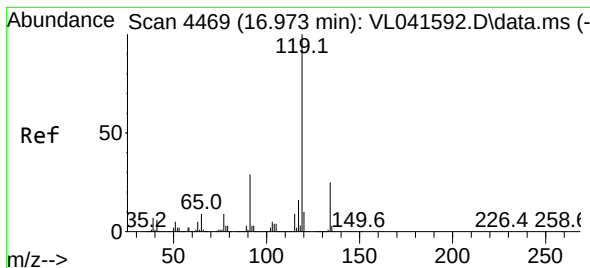
Tgt Ion:105 Resp: 5303112
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.524 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.016 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 95 Resp: 2267106
 Ion Ratio Lower Upper
 95 100
 174 69.2 55.8 83.8
 175 5.0 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.513 ppbv

RT: 16.986 min Scan# 44

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

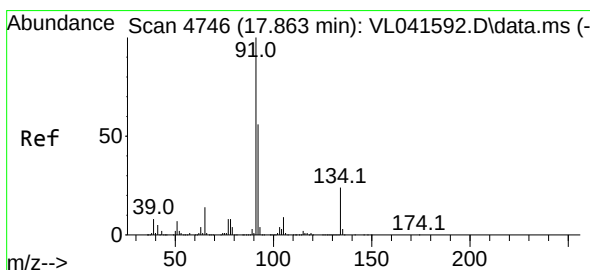
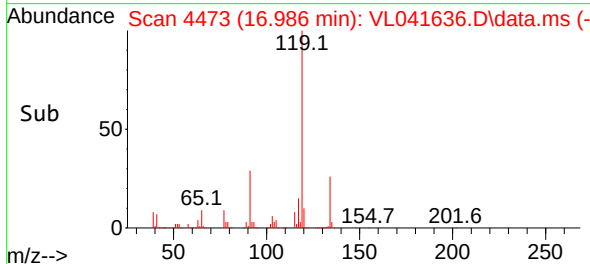
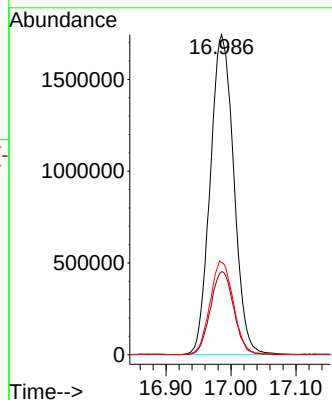
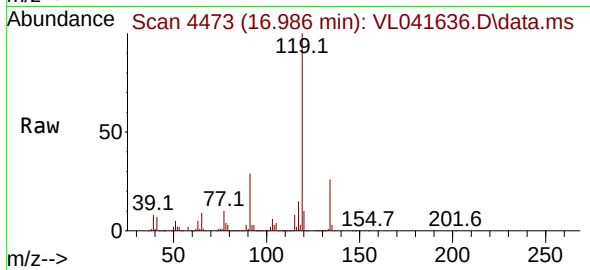
Tgt Ion:119 Resp: 4381703

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 29.3 23.1 34.7



#70

n-Butylbenzene

Concen: 8.359 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

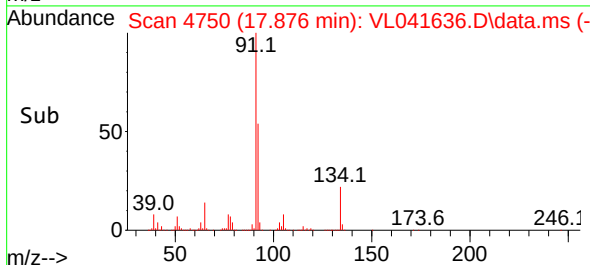
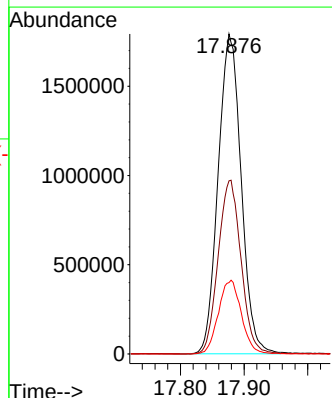
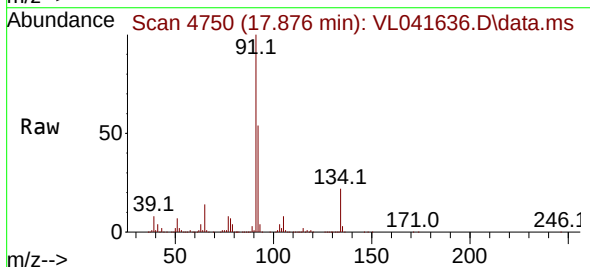
Tgt Ion: 91 Resp: 4507387

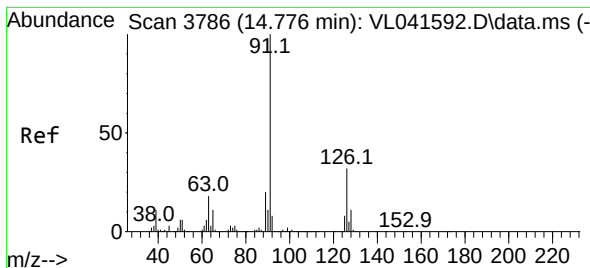
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 23.1 18.6 27.8





#71

2-Chlorotoluene

Concen: 8.539 ppbv

RT: 14.790 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

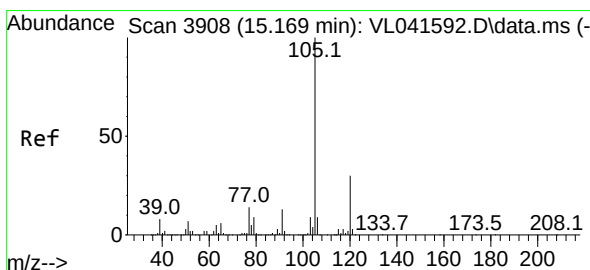
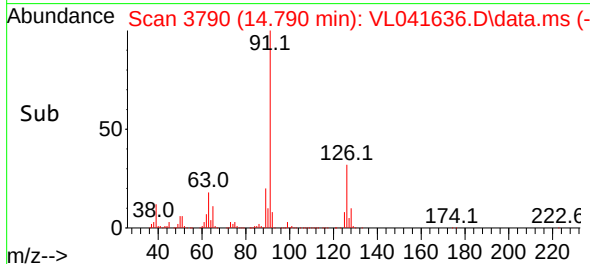
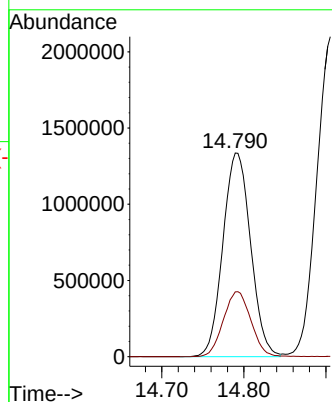
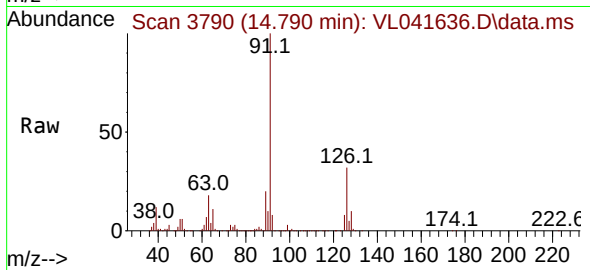
ClientSampleId :

Tgt Ion: 91 Resp: 3141676

Ion Ratio Lower Upper

91 100

126 31.8 12.9 51.5



#72

4-Ethyltoluene

Concen: 8.901 ppbv

RT: 15.185 min Scan# 3913

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion:105 Resp: 3433852

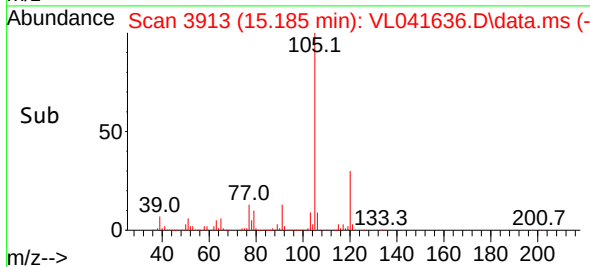
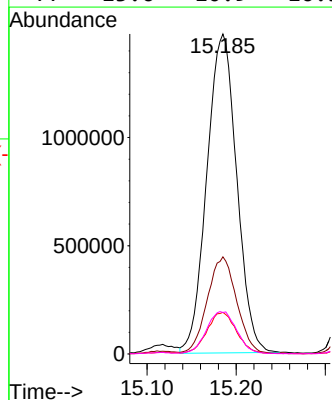
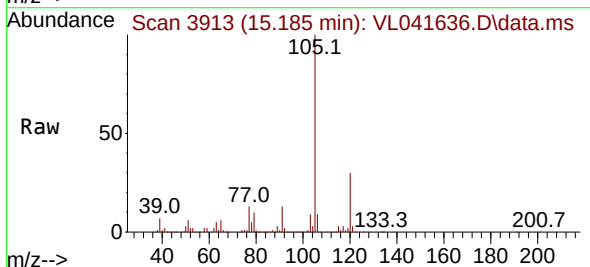
Ion Ratio Lower Upper

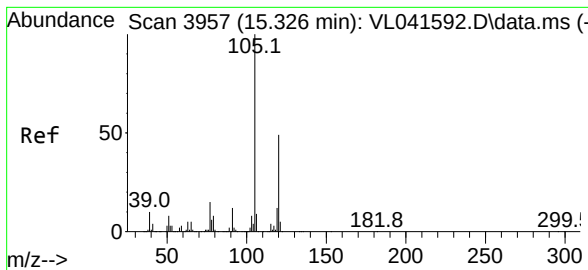
105 100

120 30.2 24.1 36.1

91 13.5 10.2 15.2

77 13.6 10.9 16.3

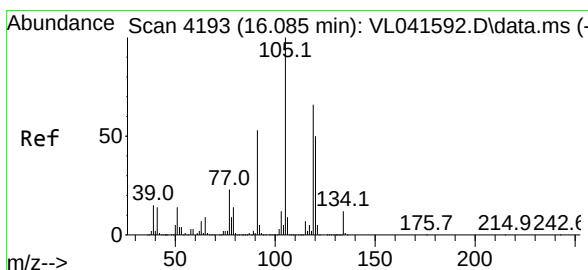
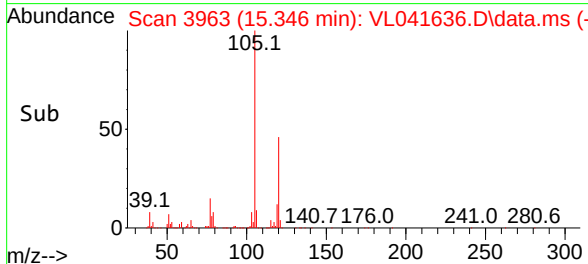
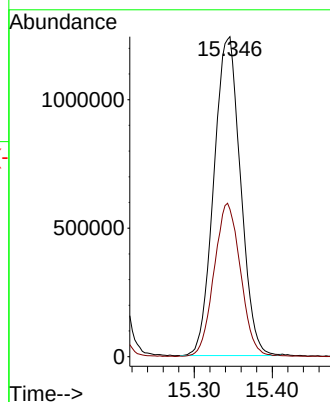
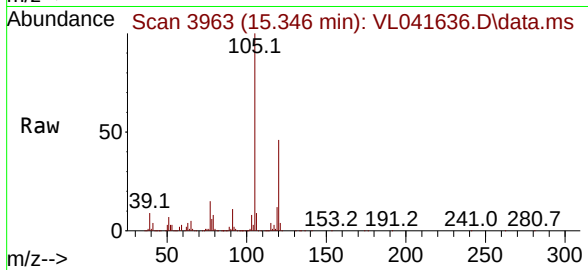




#73
 1,3,5-Trimethylbenzene
 Concen: 8.662 ppbv
 RT: 15.346 min Scan# 3957
 Delta R.T. 0.019 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

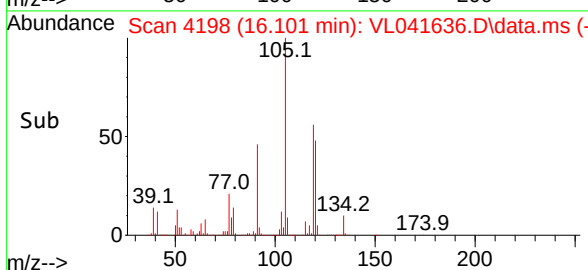
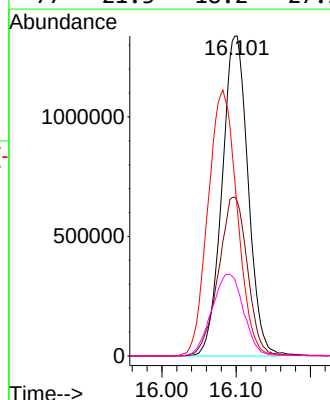
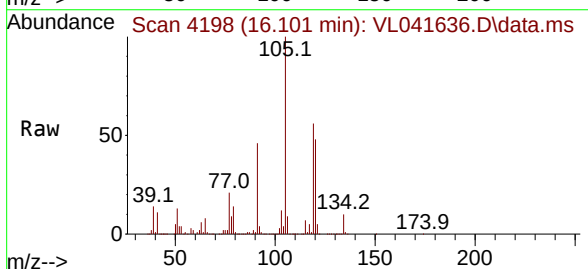
Instrument :
 MSVOA_L
 ClientSampleId :

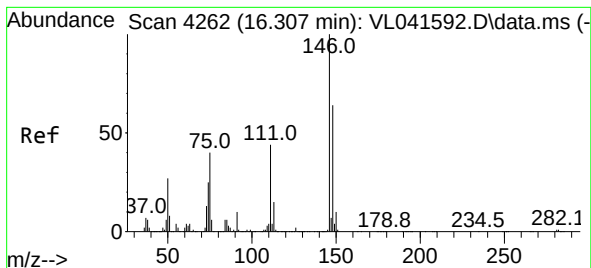
Tgt Ion:105 Resp: 2950770
 Ion Ratio Lower Upper
 105 100
 120 46.0 39.4 59.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.168 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. 0.016 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion:105 Resp: 3256921
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.9 59.9
 91 46.0 42.6 63.8
 77 21.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 7.855 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

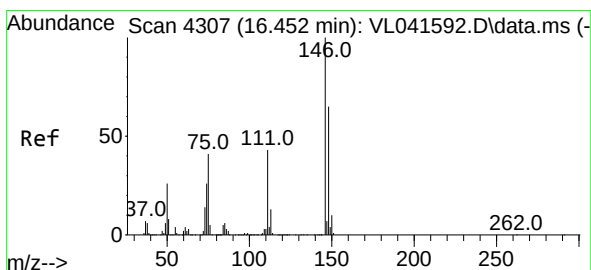
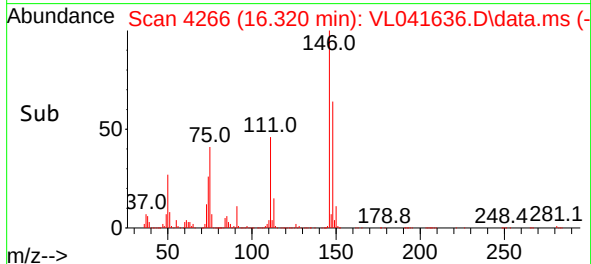
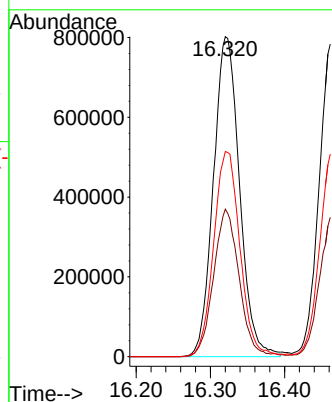
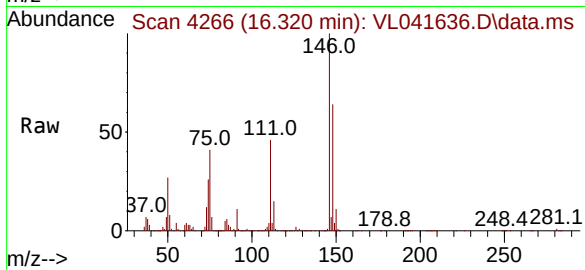
Tgt Ion:146 Resp: 1962843

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

148 64.7 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.052 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

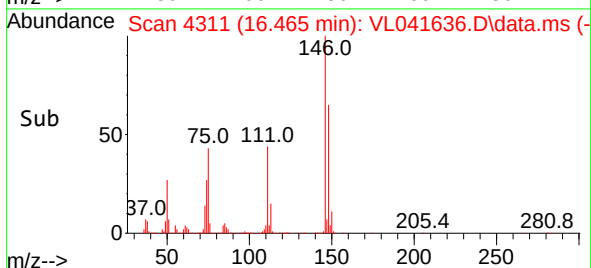
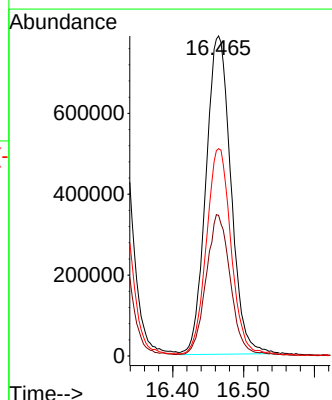
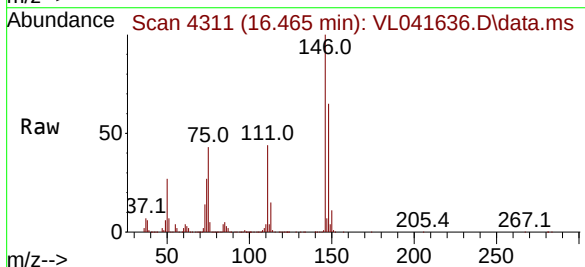
Tgt Ion:146 Resp: 1928062

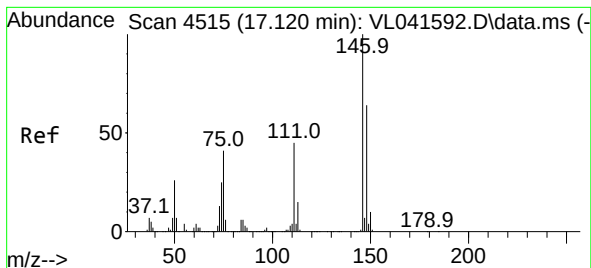
Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.3

148 64.8 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 7.786 ppbv

RT: 17.134 min Scan# 4515

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

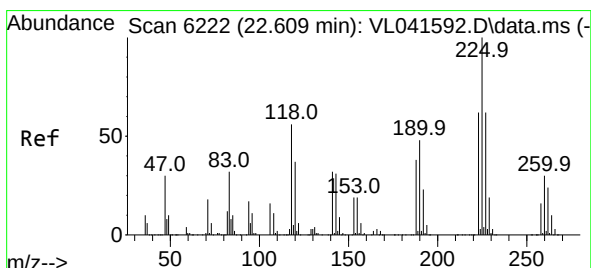
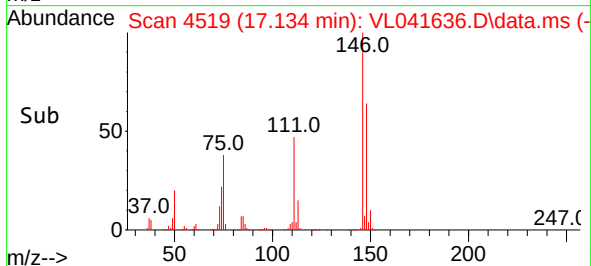
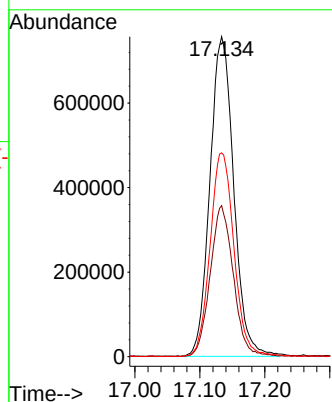
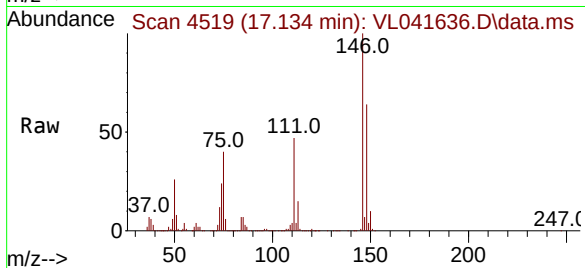
Tgt Ion:146 Resp: 1920976

Ion Ratio Lower Upper

146 100

111 46.0 23.4 70.0

148 64.2 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 6.600 ppbv

RT: 22.625 min Scan# 6222

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

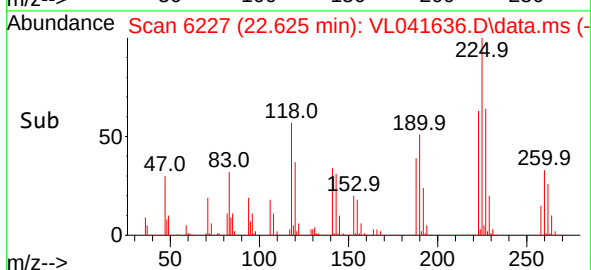
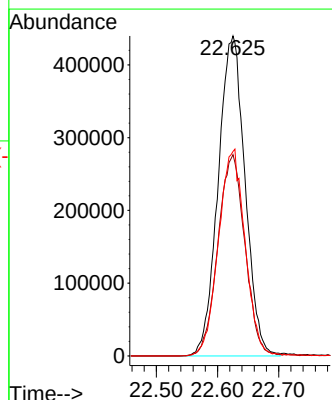
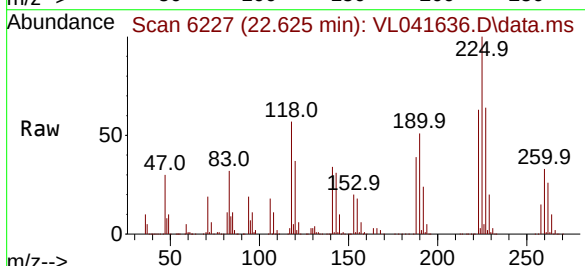
Tgt Ion:225 Resp: 1343127

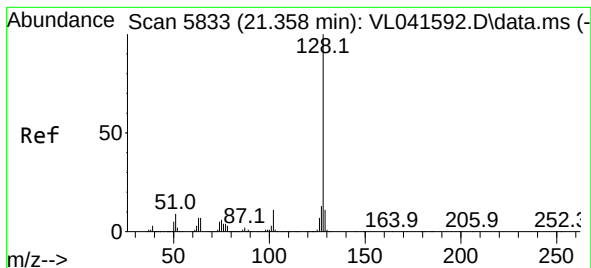
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 64.2 50.9 76.3





#79

Naphthalene

Concen: 8.639 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_1

ClientSampleId :

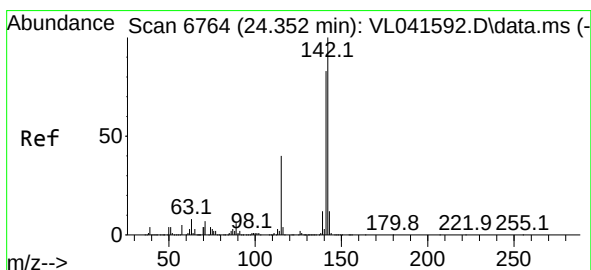
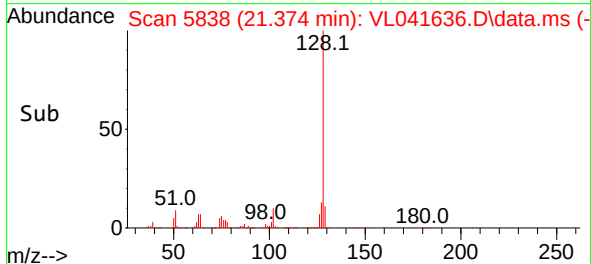
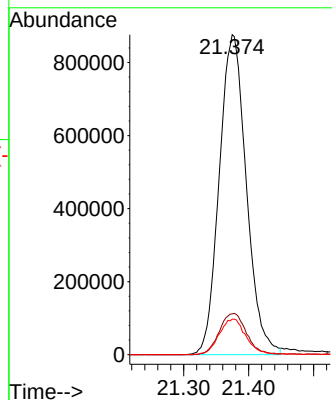
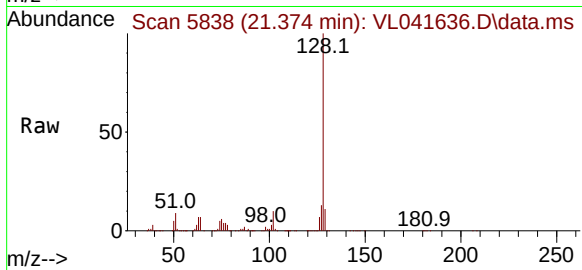
Tgt Ion:128 Resp: 2535281

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 4.261 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

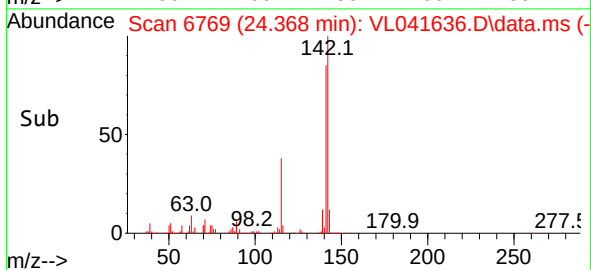
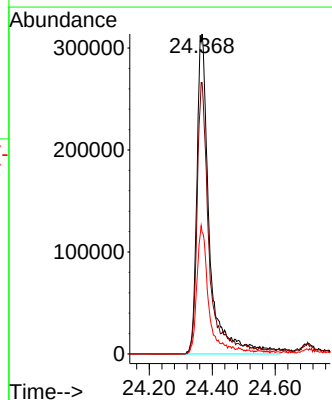
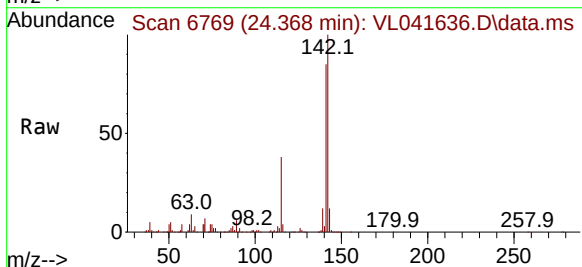
Tgt Ion:142 Resp: 876186

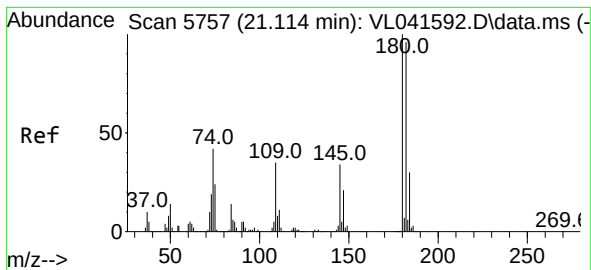
Ion Ratio Lower Upper

142 100

141 81.9 66.3 99.5

115 38.6 31.4 47.2





#81

1,2,4-Trichlorobenzene

Concen: 7.224 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.019 min

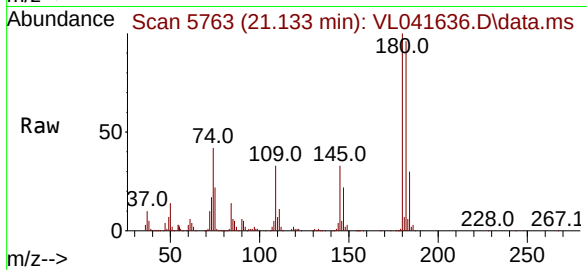
Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1347844

Ion Ratio Lower Upper

180 100

182 96.8 76.5 114.7

184 30.9 24.7 37.1

