

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041681.D
 Acq On : 7 Nov 2024 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 08 01:08:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1219218	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	3384840	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3891746	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2384630	8.316	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	1794893	8.145	ppbv	100
3) Chlorodifluoromethane	2.677	51	1429744	9.000	ppbv	99
4) Chloromethane	2.816	50	787537	9.359	ppbv	97
5) Vinyl Chloride	2.922	62	774506	10.232	ppbv	98
6) Bromomethane	3.121	94	379427	9.449	ppbv	98
7) Chloroethane	3.198	64	265929	9.626	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1752691	8.910	ppbv	100
9) Propene	2.697	41	684685	9.892	ppbv	100
10) Heptane	7.581	43	1623259	10.465	ppbv	100
11) Trichlorofluoromethane	3.562	101	1715400	8.937	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	1286962	9.225	ppbv	100
13) Ethanol	3.253	45	9194	2.169	ppbv #	40
14) Bromoethene	3.369	108	547085	9.755	ppbv	97
15) Acetone	3.468	43	1307631	8.715	ppbv	98
16) 1,3-Butadiene	2.986	39	762546	10.072	ppbv	98
17) tert-Butyl alcohol	3.877	59	1421835	10.798	ppbv	99
18) 1,1-Dichloroethene	3.880	96	589373	9.632	ppbv	95
19) Isopropyl Alcohol	3.578	45	762103	10.626	ppbv #	97
20) Methylene Chloride	3.934	84	490767	8.888	ppbv	98
21) Allyl Chloride	3.996	41	952403	10.272	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	602606	9.905	ppbv	100
23) Vinyl Acetate	4.629	43	659846	9.976	ppbv #	95
24) 1,1-Dichloroethane	4.565	63	1246280	9.177	ppbv	98
25) Ethyl Acetate	5.205	43	3059483	9.850	ppbv	100
26) Hexane	5.214	57	1221365	10.235	ppbv	97
27) Carbon Disulfide	4.124	76	1427544	10.648	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	764924	9.954	ppbv	99
29) Chloroform	5.275	83	1805559	9.167	ppbv	100
30) Cyclohexane	6.603	84	1036810	10.204	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1190854	10.374	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1797279	10.002	ppbv	100
34) 2-Butanone	4.787	43	1751089	10.390	ppbv	100
35) Carbon Tetrachloride	6.494	117	1829420	10.244	ppbv	100
36) Benzene	6.368	78	2560057	10.208	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1376089	9.726	ppbv	99
38) Trichloroethene	7.291	130	1018788	10.577	ppbv	99
39) 1,2-Dichloropropane	7.073	63	983477	9.923	ppbv	96
40) 1,4-Dioxane	7.288	88	376201	10.579	ppbv #	1
41) Tetrahydrofuran	5.555	42	1065202	11.067	ppbv	99
42) Bromodichloromethane	7.253	83	1966589	10.002	ppbv	100
43) Methyl Methacrylate	7.475	69	1010315	11.473	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	4253439	10.012	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	979763	12.176	ppbv	98

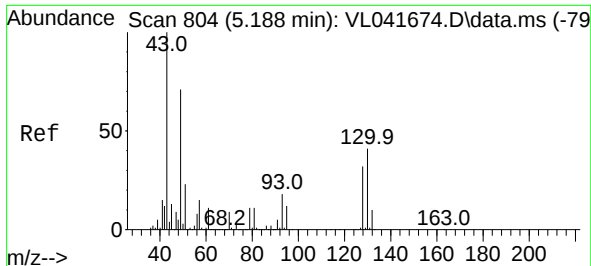
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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Quant Time: Nov 08 01:08:38 2024
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

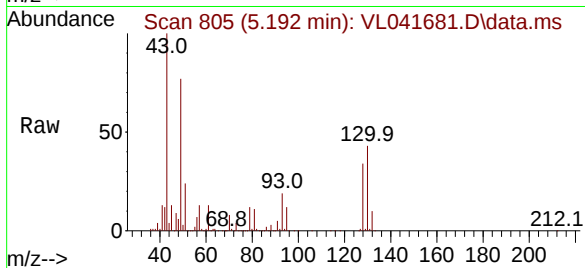
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1335370	11.555	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	1027960	9.583	ppbv	99
48) Dibromochloromethane	9.712	129	1697504	10.410	ppbv	100
49) Bromoform	12.410	173	1467565	10.519	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2720056	10.513	ppbv	99
51) 2-Hexanone	9.552	43	2131991	11.315	ppbv #	98
52) Tetrachloroethene	10.613	164	931693	10.901	ppbv	97
53) Toluene	9.220	91	2900278	10.997	ppbv	99
54) 1,2-Dibromoethane	10.011	107	1383939	11.043	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	1248422	7.778	ppbv	99
57) Chlorobenzene	11.529	112	2237120	7.772	ppbv	100
58) Ethyl Benzene	12.092	91	3855683	9.037	ppbv	99
59) m/p-Xylene	12.375	91	4090254	10.705	ppbv #	60
60) o-Xylene	13.060	91	3103973	8.520	ppbv	100
61) Styrene	12.896	104	1535856	10.214	ppbv	100
62) Isopropylbenzene	14.031	105	4605291	8.185	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	2141628	7.991	ppbv	100
64) n-propylbenzene	14.918	120	1242370	8.434	ppbv	100
65) tert-Butylbenzene	16.092	119	4128160	8.163	ppbv	100
66) Benzyl Chloride	16.326	91	333479	8.572	ppbv	99
67) sec-Butylbenzene	16.638	105	5771671	8.097	ppbv	100
69) p-Isopropyltoluene	16.998	119	4841188	8.401	ppbv	100
70) n-Butylbenzene	17.889	91	4961330	8.415	ppbv	99
71) 2-Chlorotoluene	14.799	91	3477879	8.551	ppbv	100
72) 4-Ethyltoluene	15.194	105	3765544	8.890	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	3164645	8.514	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3509579	8.129	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	2153016	8.052	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	2087766	8.093	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	2076942	7.841	ppbv #	70
78) Hexachloro-1,3-Butadiene	22.635	225	1380777	6.591	ppbv	100
79) Naphthalene	21.384	128	2753473	10.332	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	582436	10.026	ppbv	93
81) 1,2,4-Trichlorobenzene	21.143	180	1413820	8.436	ppbv	100

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

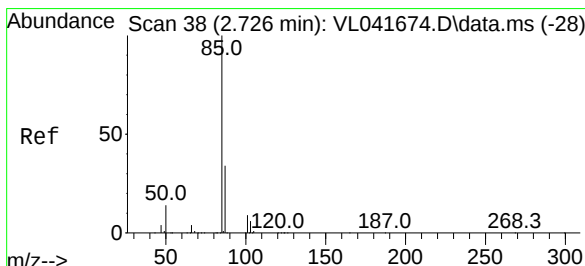
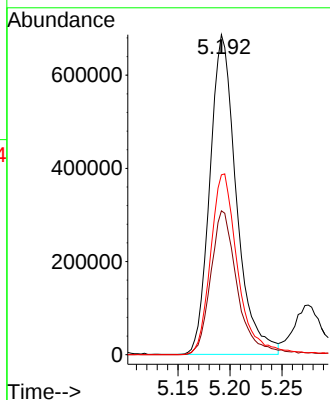
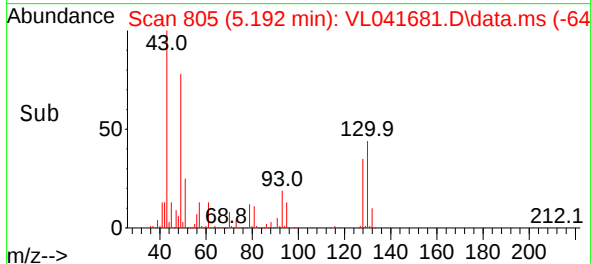


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

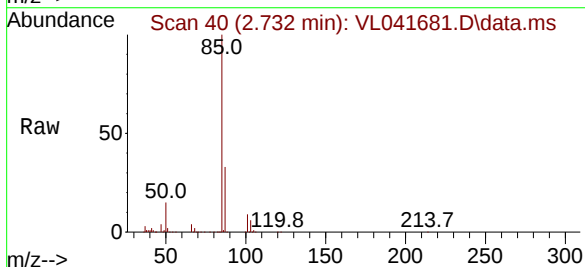
Instrument :
MSVOA_L
ClientSampleId :



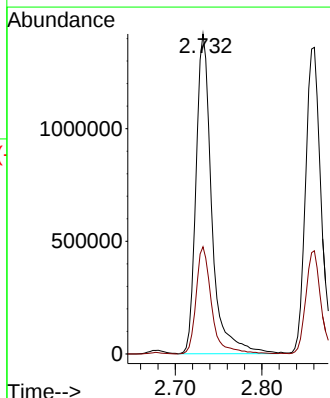
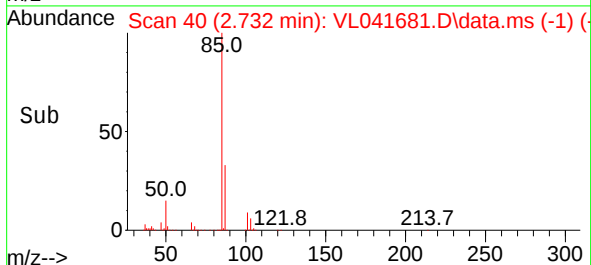
Tgt Ion: 49 Resp: 1219218
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.2
130 59.2 30.1 90.5

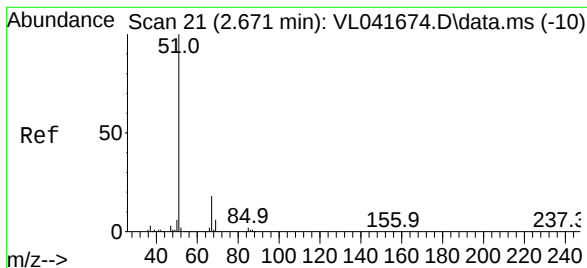


#2
Dichlorodifluoromethane
Concen: 8.145 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion: 85 Resp: 1794893
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2





#3

Chlorodifluoromethane

Concen: 9.000 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

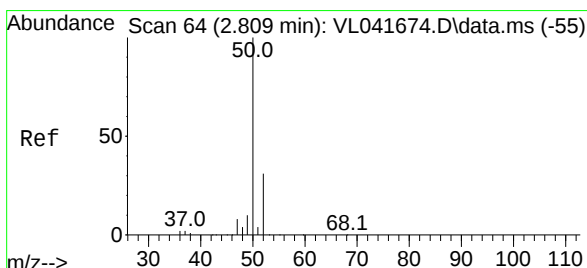
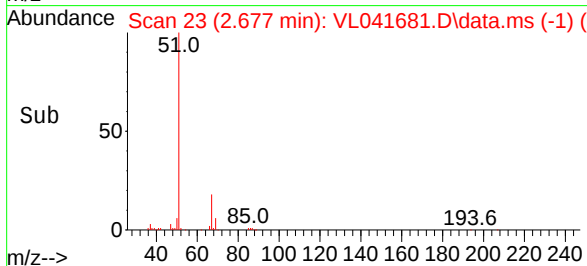
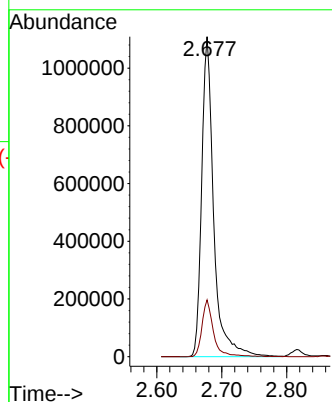
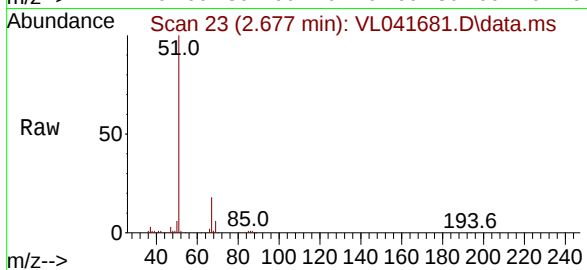
ClientSampleId :

Tgt Ion: 51 Resp: 1429744

Ion Ratio Lower Upper

51 100

67 17.1 13.9 20.9



#4

Chloromethane

Concen: 9.359 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.006 min

Lab File: VL041681.D

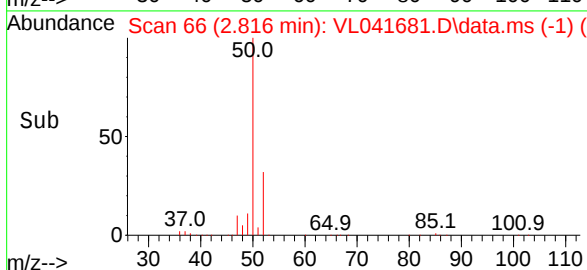
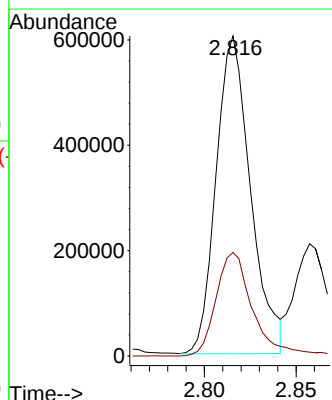
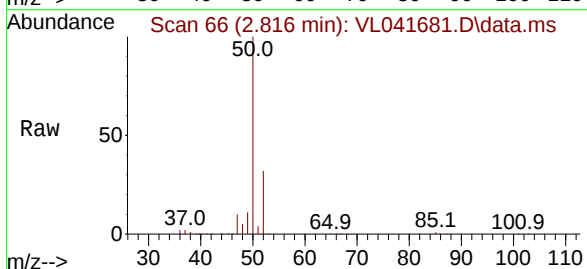
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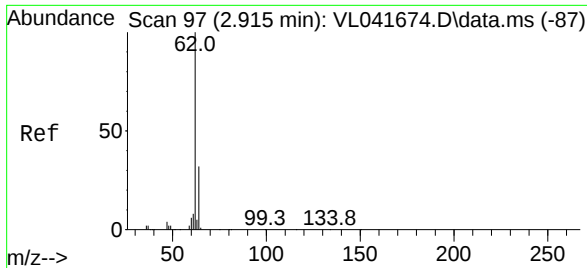
Tgt Ion: 50 Resp: 787537

Ion Ratio Lower Upper

50 100

52 32.6 24.9 37.3

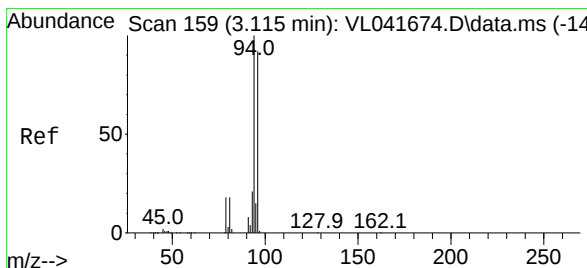
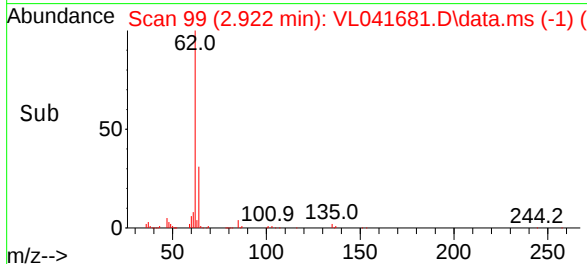
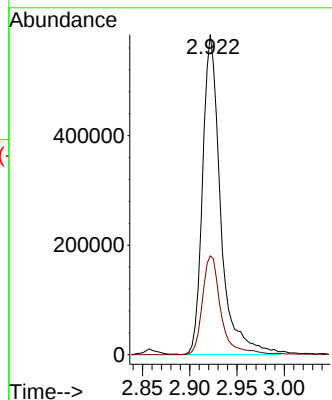
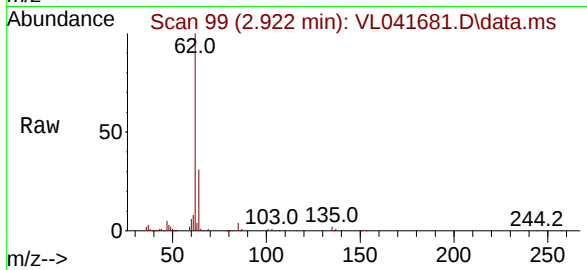




#5
 Vinyl Chloride
 Concen: 10.232 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

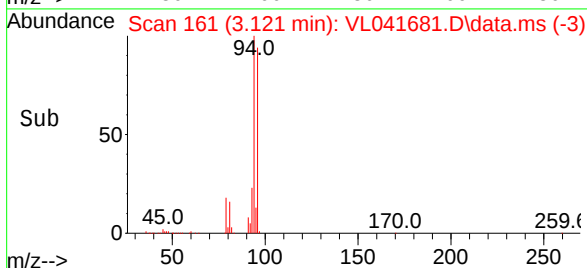
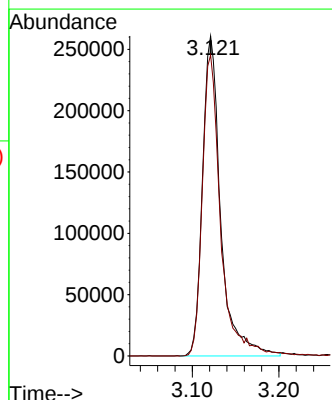
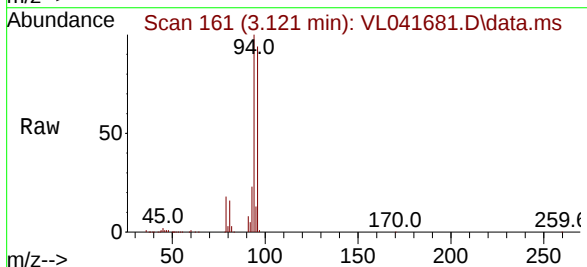
Instrument :
 MSVOA_L
 ClientSampleId :

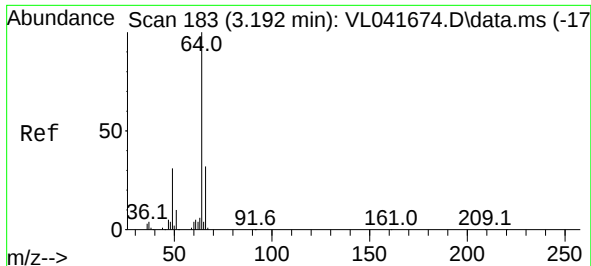
Tgt Ion: 62 Resp: 774506
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.4 38.2



#6
 Bromomethane
 Concen: 9.449 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

Tgt Ion: 94 Resp: 379427
 Ion Ratio Lower Upper
 94 100
 96 94.1 73.4 110.2

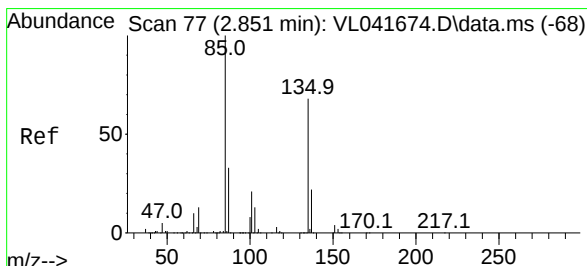
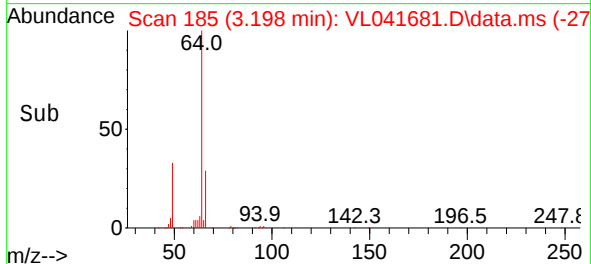
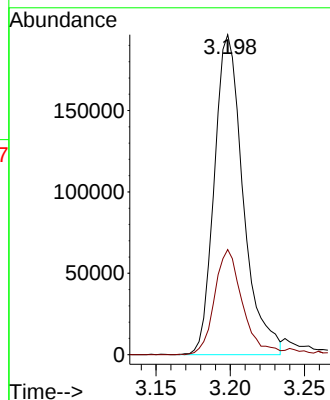
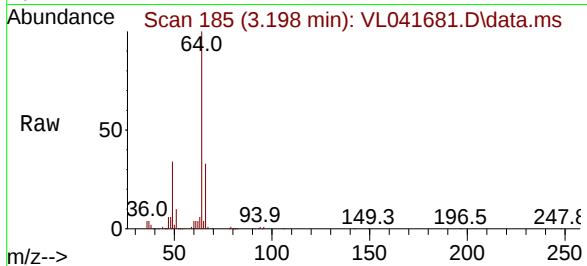




#7
Chloroethane
Concen: 9.626 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

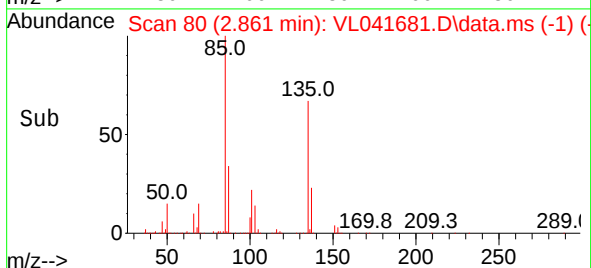
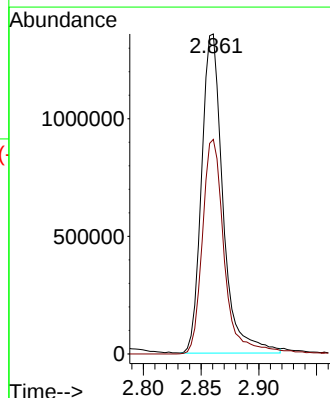
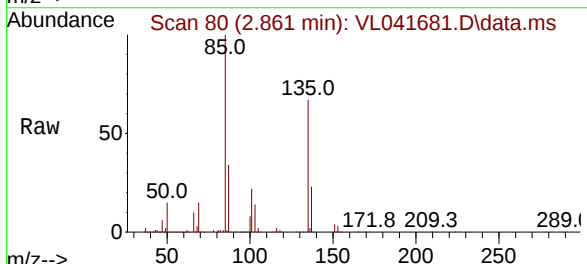
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MSVOA_L
ClientSampleId :

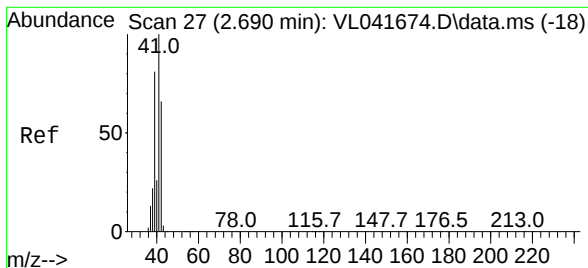
Tgt Ion: 64 Resp: 265929
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9



#8
Dichlorotetrafluoroethane
Concen: 8.910 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 85 Resp: 1752691
Ion Ratio Lower Upper
85 100
135 69.6 55.5 83.3





#9

Propene

Concen: 9.892 ppbv

RT: 2.697 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

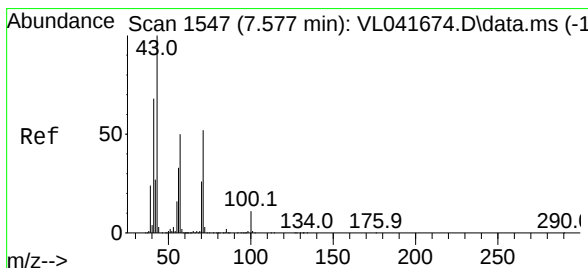
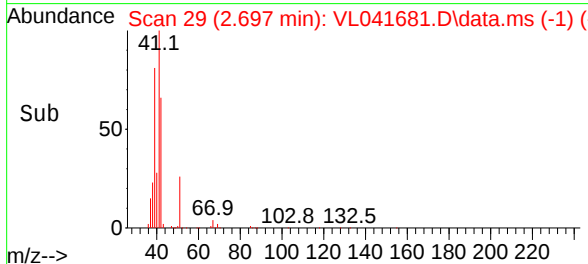
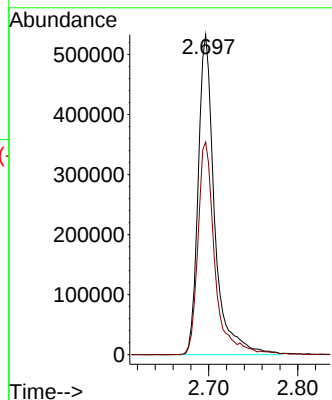
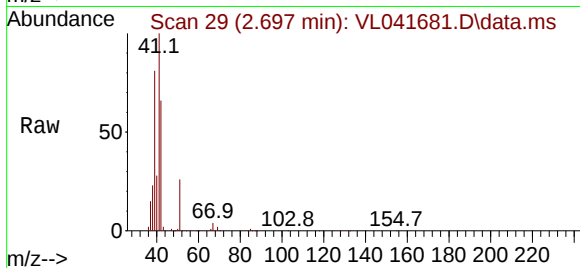
ClientSampleId :

Tgt Ion: 41 Resp: 684685

Ion Ratio Lower Upper

41 100

42 68.9 55.0 82.4



#10

Heptane

Concen: 10.465 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.003 min

Lab File: VL041681.D

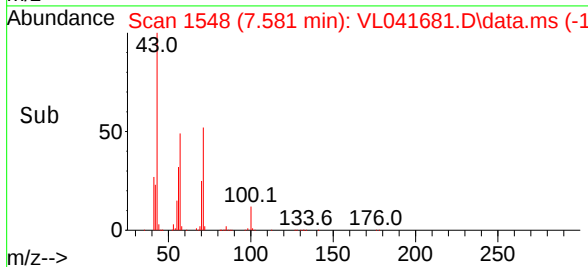
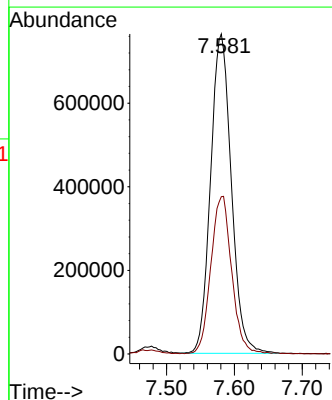
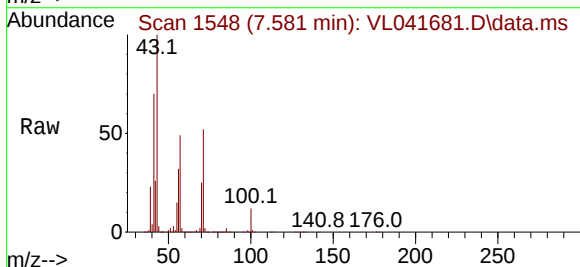
Acq: 7 Nov 2024 14:51

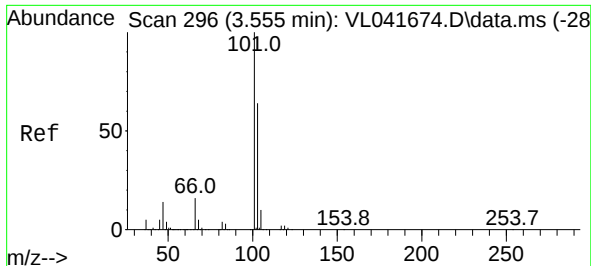
Tgt Ion: 43 Resp: 1623259

Ion Ratio Lower Upper

43 100

57 49.9 40.0 60.0





#11

Trichlorofluoromethane

Concen: 8.937 ppbv

RT: 3.562 min Scan# 296

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

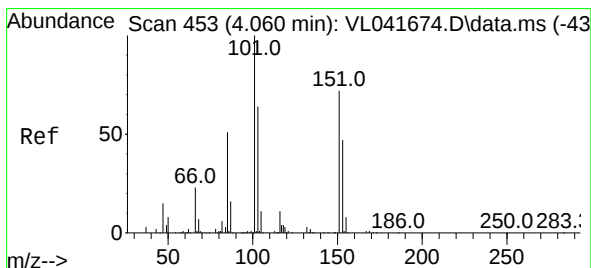
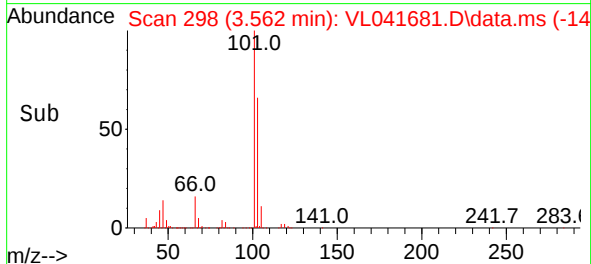
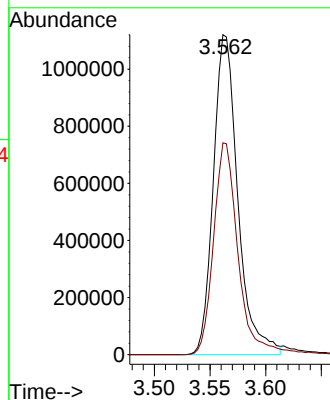
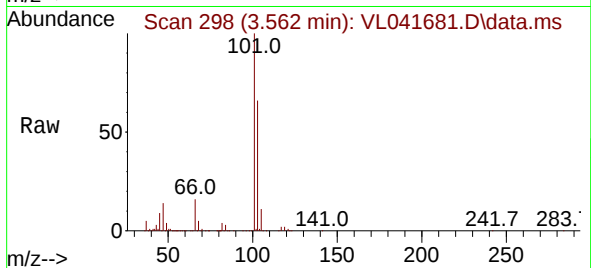
ClientSampleId :

Tgt Ion:101 Resp: 1715400

Ion Ratio Lower Upper

101 100

103 66.2 51.0 76.6



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.225 ppbv

RT: 4.066 min Scan# 455

Delta R.T. 0.006 min

Lab File: VL041681.D

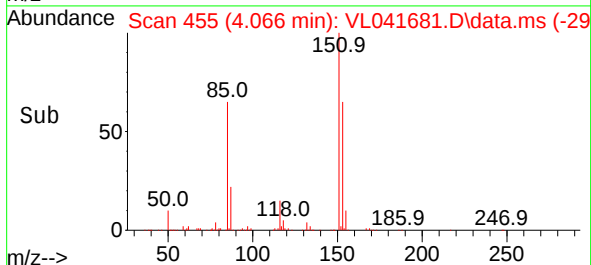
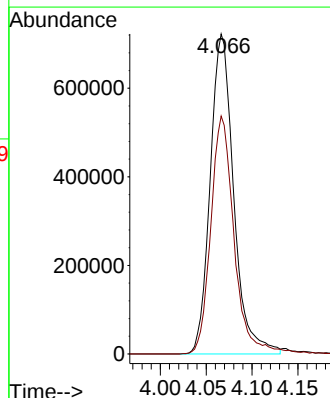
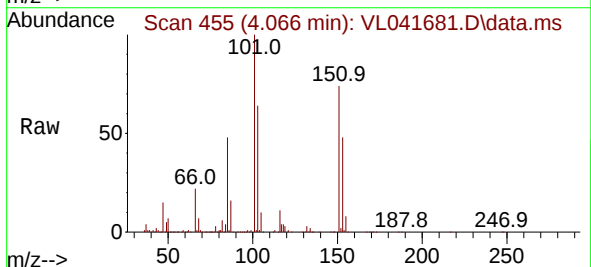
Acq: 7 Nov 2024 14:51

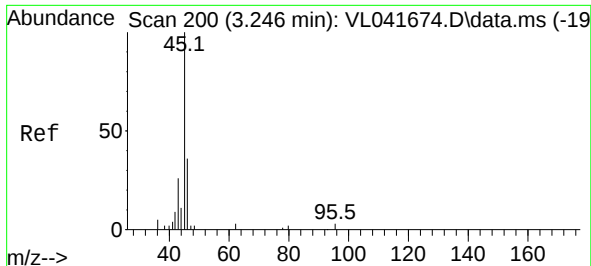
Tgt Ion:101 Resp: 1286962

Ion Ratio Lower Upper

101 100

151 74.1 59.1 88.7





#13

Ethanol

Concen: 2.169 ppbv

RT: 3.253 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

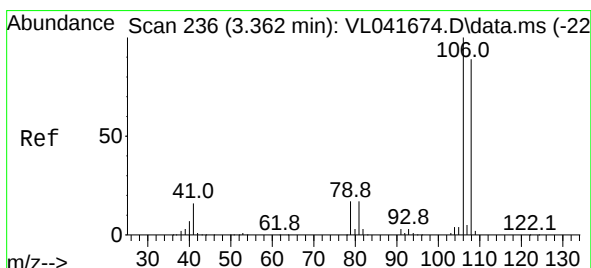
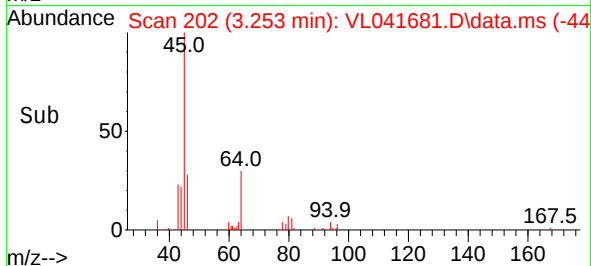
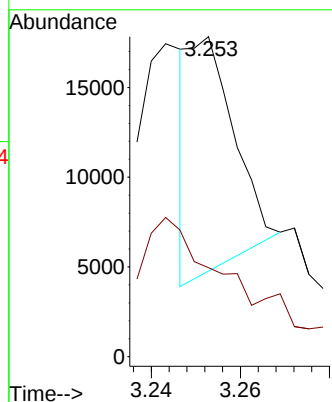
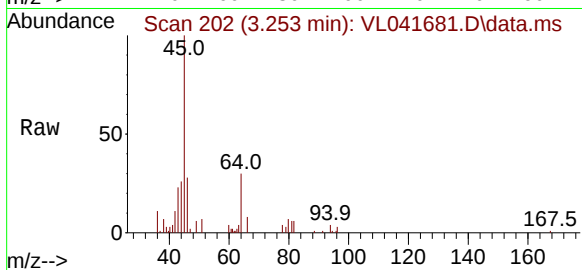
ClientSampleId :

Tgt Ion: 45 Resp: 9194

Ion Ratio Lower Upper

45 100

46 0.0 13.8 55.2#



#14

Bromoethene

Concen: 9.755 ppbv

RT: 3.369 min Scan# 238

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

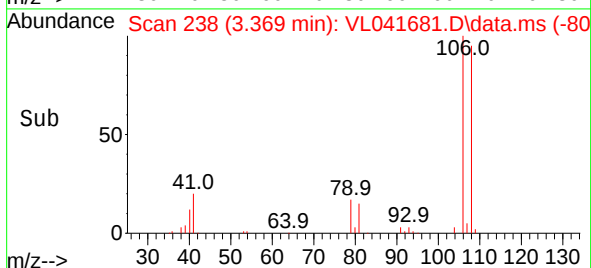
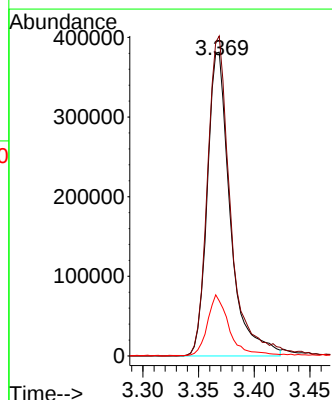
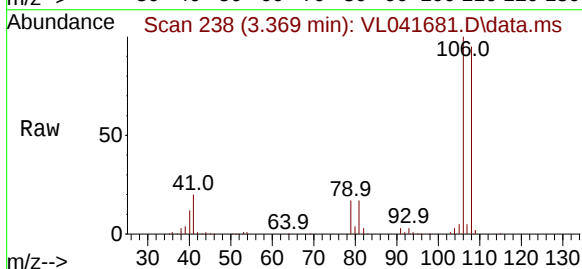
Tgt Ion:108 Resp: 547085

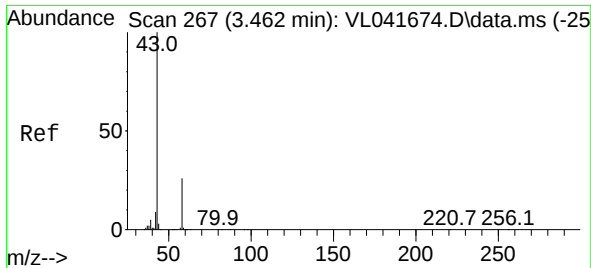
Ion Ratio Lower Upper

108 100

106 107.9 88.6 133.0

79 20.5 15.6 23.4

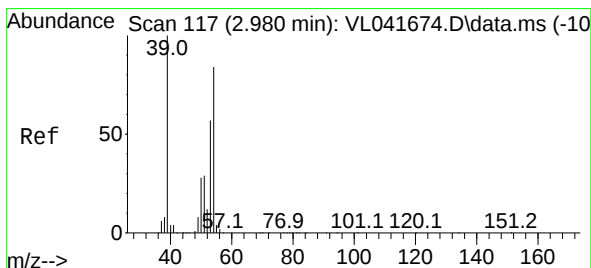
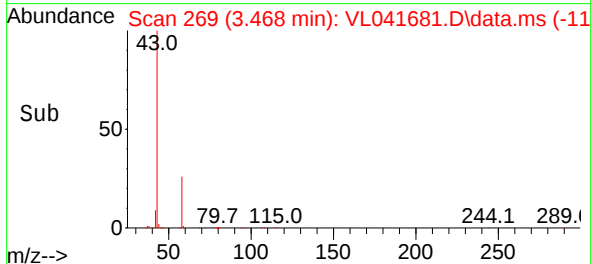
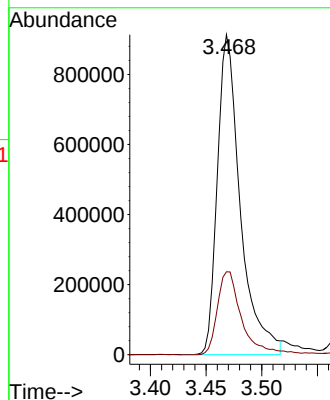
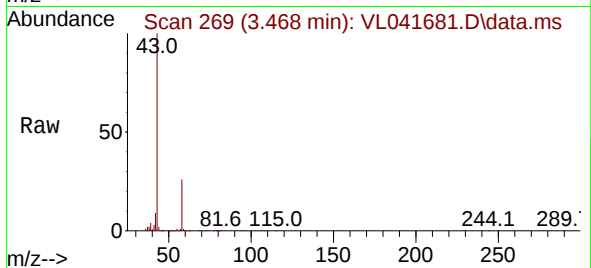




#15
Acetone
Concen: 8.715 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

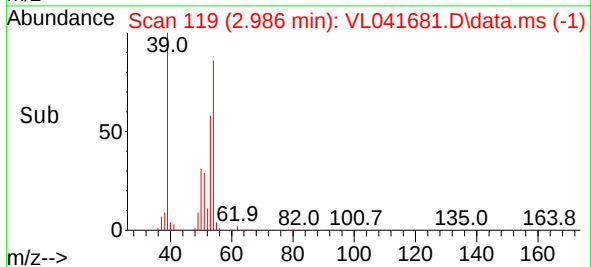
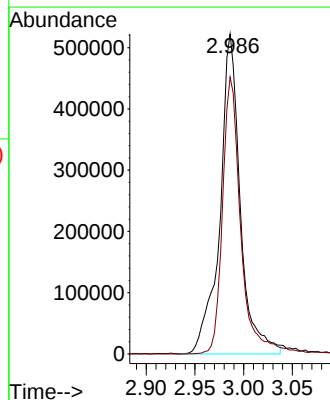
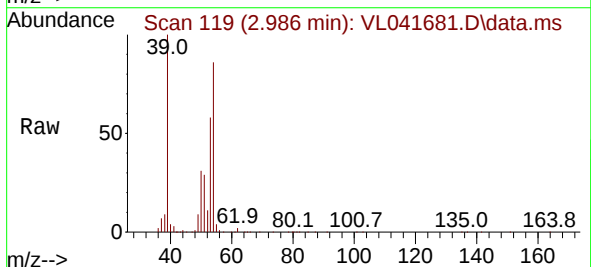
Instrument :
MSVOA_L
ClientSampleId :

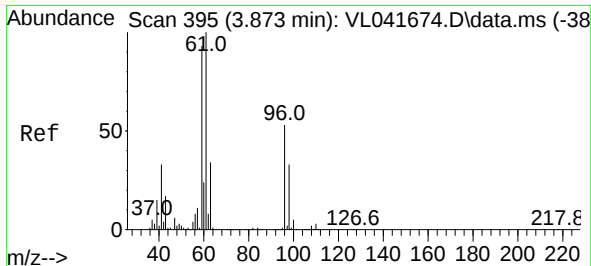
Tgt Ion: 43 Resp: 1307631
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.0



#16
1,3-Butadiene
Concen: 10.072 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 39 Resp: 762546
Ion Ratio Lower Upper
39 100
54 78.2 61.3 91.9

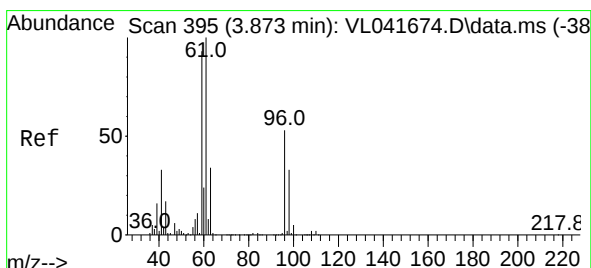
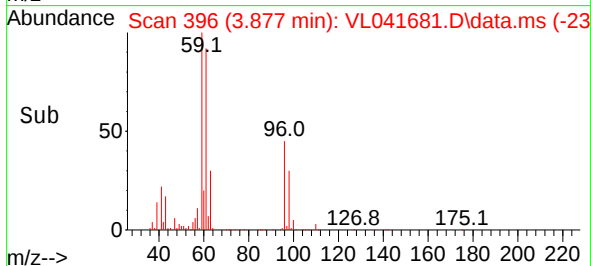
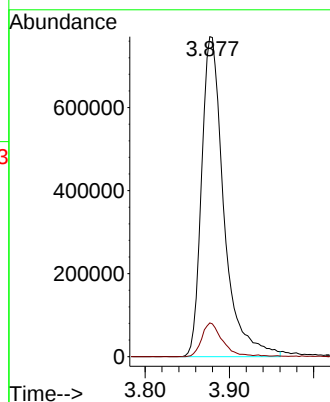
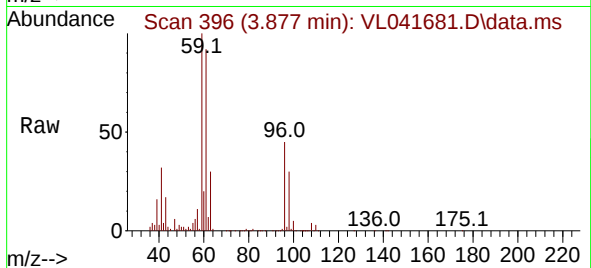




#17
tert-Butyl alcohol
Concen: 10.798 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

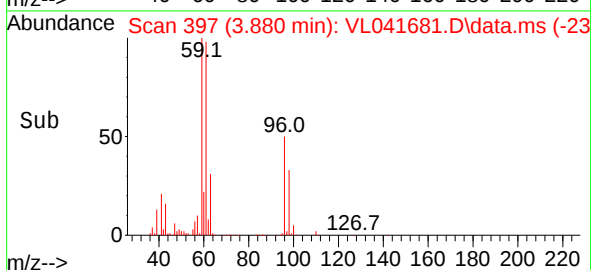
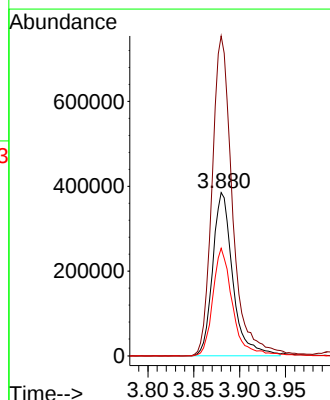
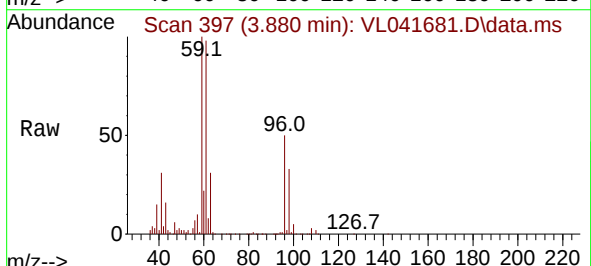
Instrument :
MSVOA_L
ClientSampleId :

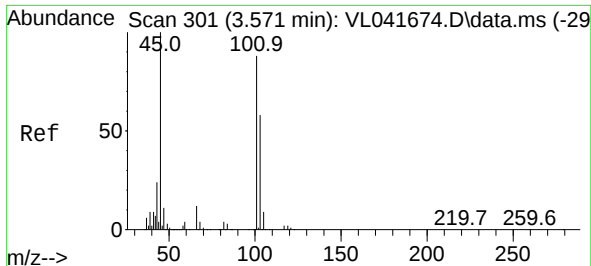
Tgt Ion: 59 Resp: 1421835
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.632 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 96 Resp: 589373
Ion Ratio Lower Upper
96 100
61 196.0 150.7 226.1
98 65.9 49.4 74.2

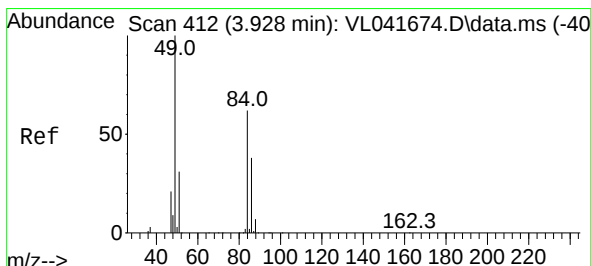
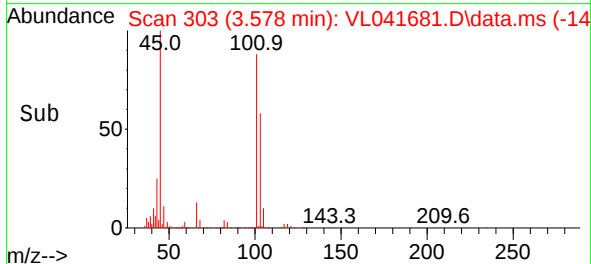
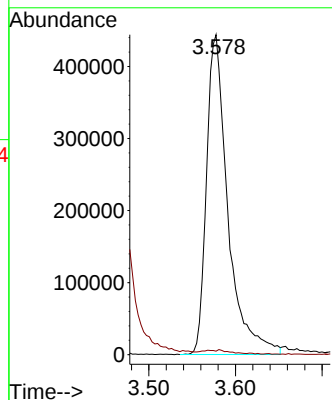
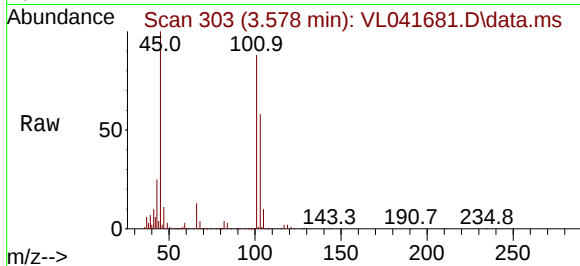




#19
Isopropyl Alcohol
Concen: 10.626 ppbv
RT: 3.578 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

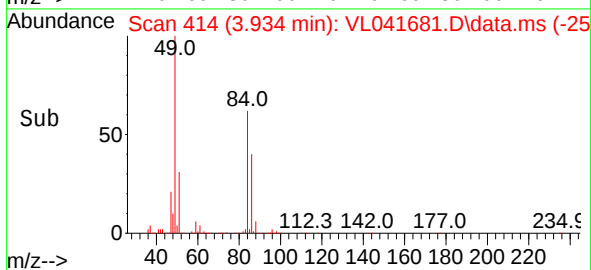
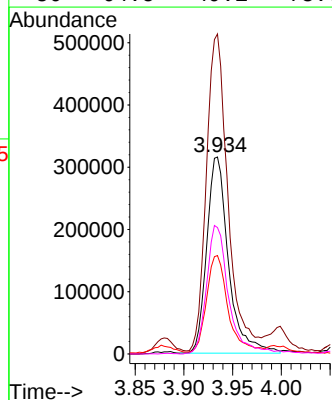
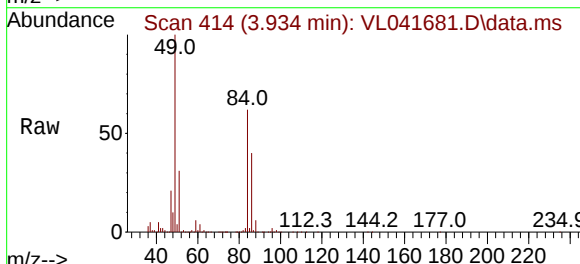
Instrument :
MSVOA_L
ClientSampleId :

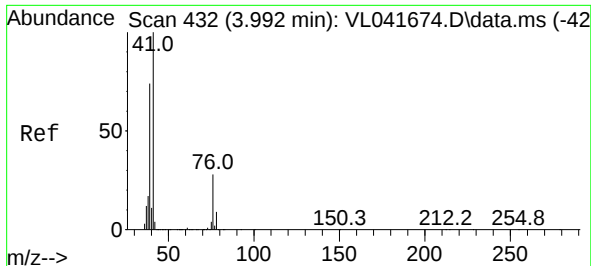
Tgt Ion: 45 Resp: 762103
Ion Ratio Lower Upper
45 100
58 1.9 2.5 3.7#



#20
Methylene Chloride
Concen: 8.888 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 84 Resp: 490767
Ion Ratio Lower Upper
84 100
49 160.5 129.7 194.5
51 48.5 39.8 59.6
86 64.5 49.1 73.7





#21

Allyl Chloride

Concen: 10.272 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

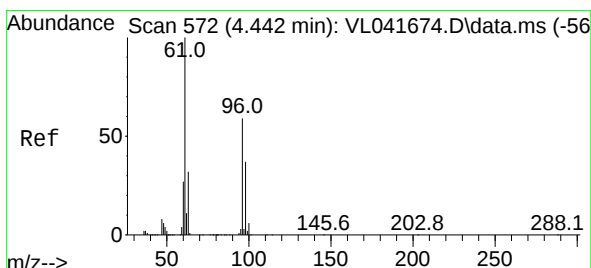
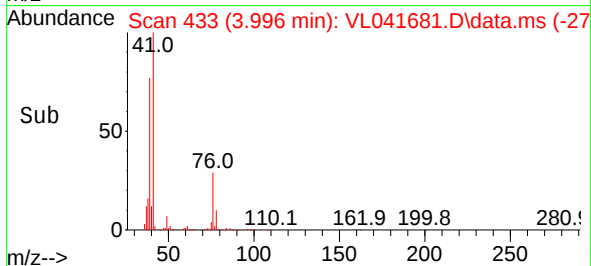
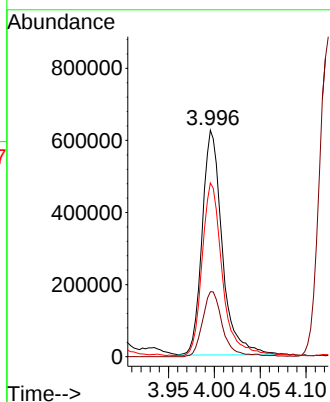
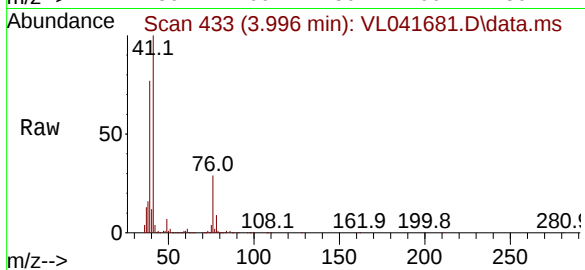
Tgt Ion: 41 Resp: 952403

Ion Ratio Lower Upper

41 100

76 29.3 23.5 35.3

39 78.0 63.0 94.4



#22

trans-1,2-Dichloroethene

Concen: 9.905 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

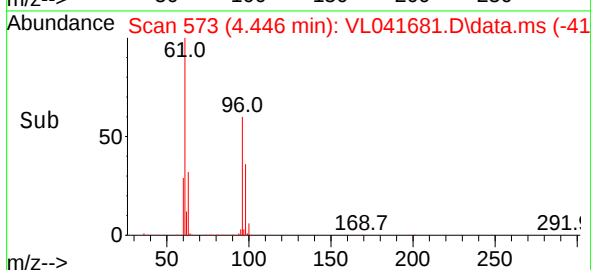
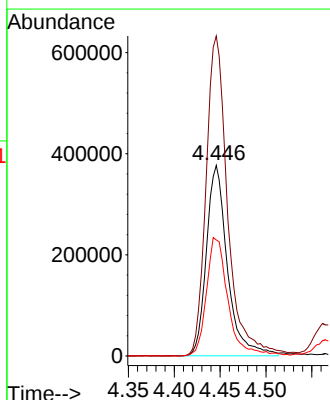
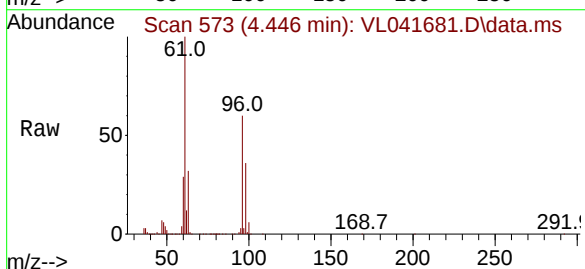
Tgt Ion: 96 Resp: 602606

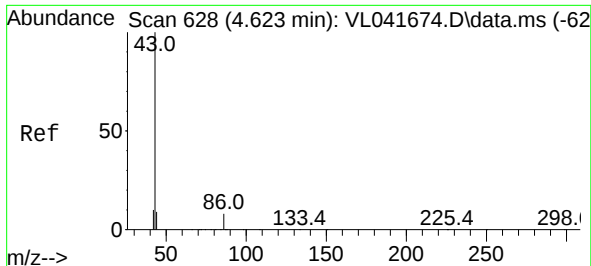
Ion Ratio Lower Upper

96 100

61 167.9 134.5 201.7

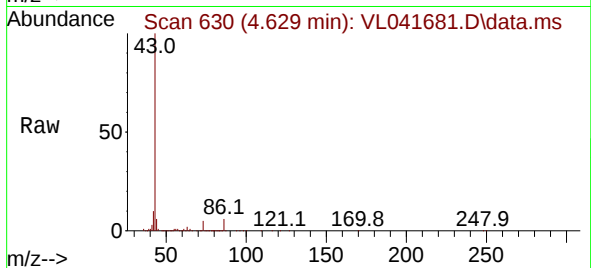
98 60.9 49.6 74.4



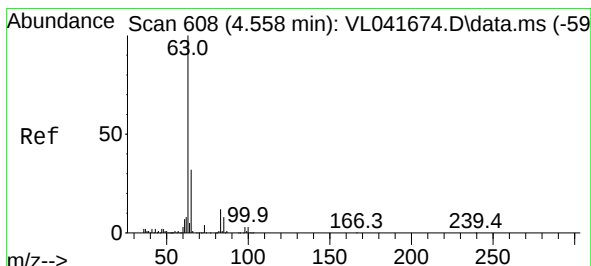
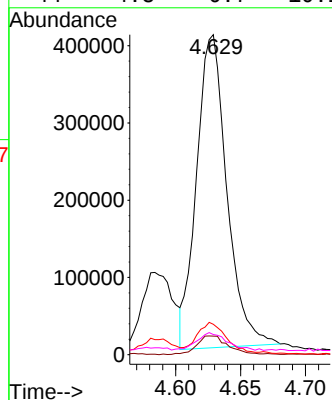
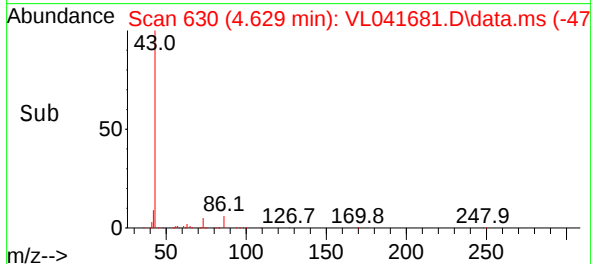


#23
 Vinyl Acetate
 Concen: 9.976 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

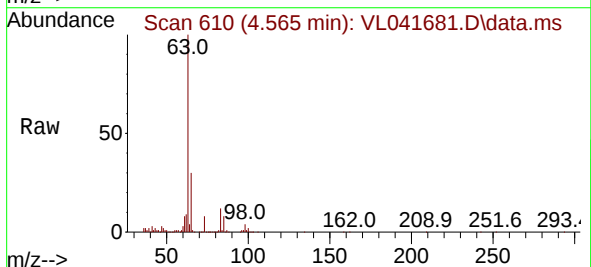
Instrument :
 MSVOA_L
 ClientSampleId :



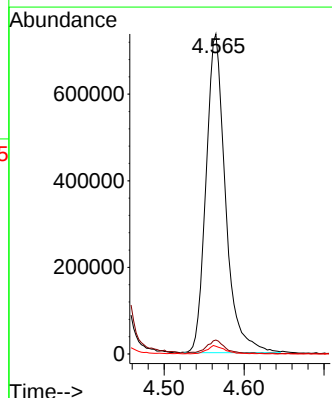
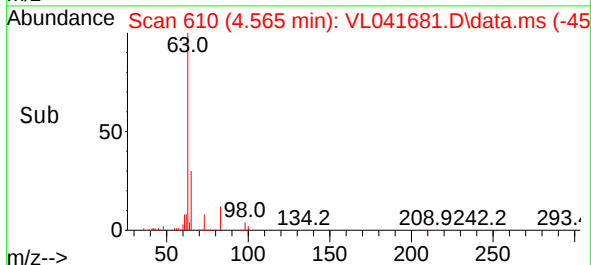
Tgt Ion: 43 Resp: 659846
 Ion Ratio Lower Upper
 43 100
 86 5.9 5.3 7.9
 42 9.3 8.5 12.7
 44 4.8 6.7 10.1#

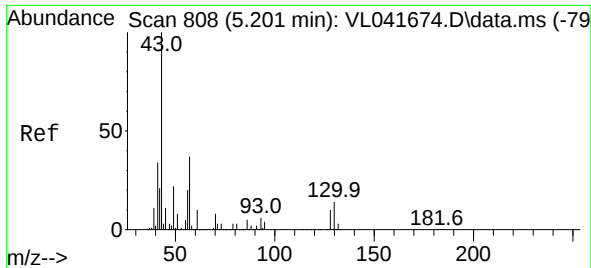


#24
 1,1-Dichloroethane
 Concen: 9.177 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51



Tgt Ion: 63 Resp: 1246280
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.4
 100 2.3 1.4 4.2





#25

Ethyl Acetate

Concen: 9.850 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.003 min

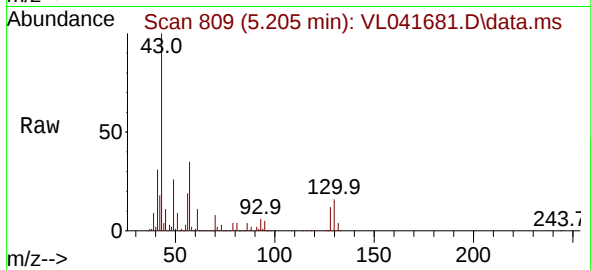
Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 3059483

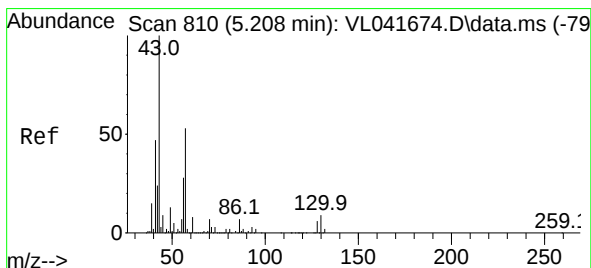
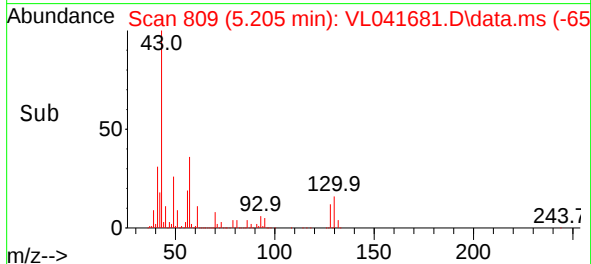
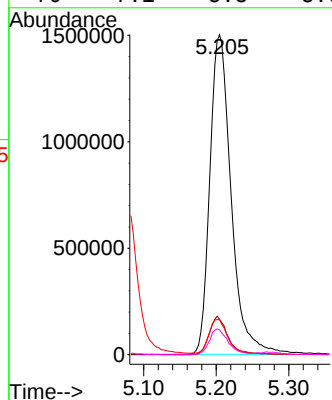
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.6	13.0
61	10.6	8.4	12.6
70	7.1	5.8	8.6

43 100

45 10.7 8.6 13.0

61 10.6 8.4 12.6

70 7.1 5.8 8.6



#26

Hexane

Concen: 10.235 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion: 57 Resp: 1221365

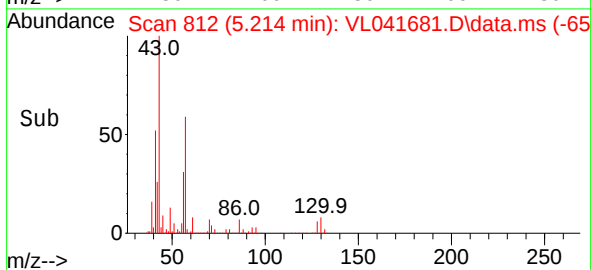
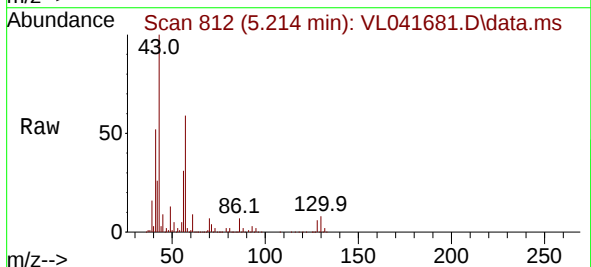
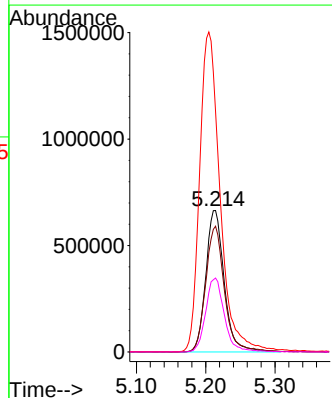
Ion	Ratio	Lower	Upper
57	100		
41	91.4	76.1	114.1
43	252.9	207.0	310.6
56	53.4	43.7	65.5

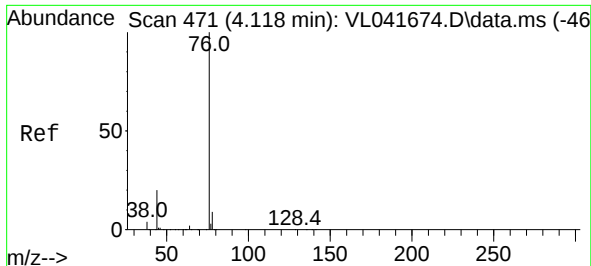
57 100

41 91.4 76.1 114.1

43 252.9 207.0 310.6

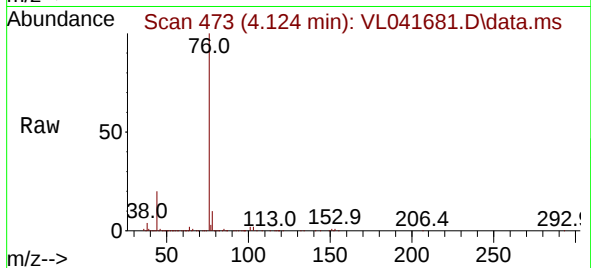
56 53.4 43.7 65.5



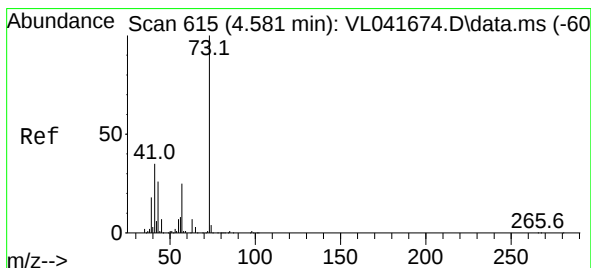
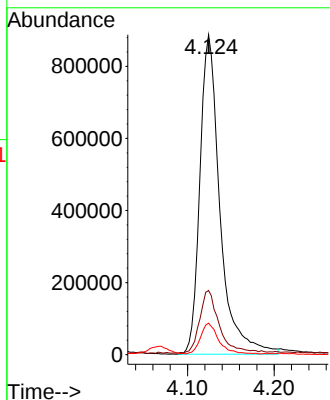
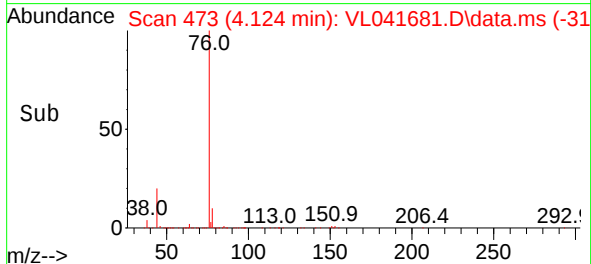


#27
Carbon Disulfide
Concen: 10.648 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :

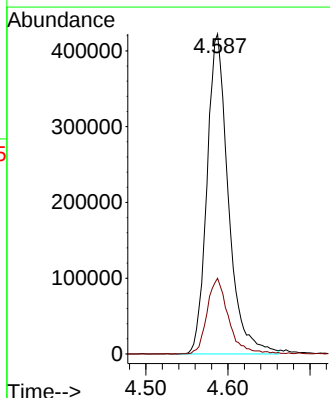
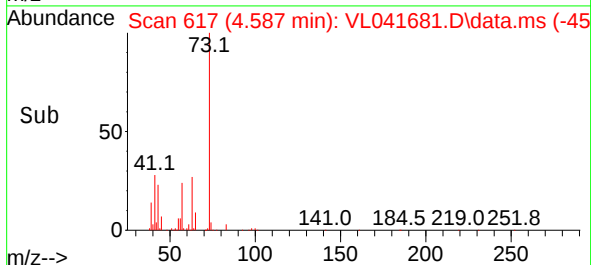
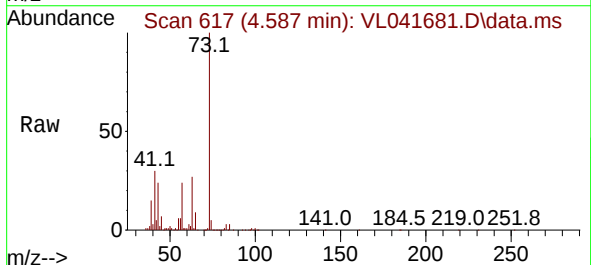


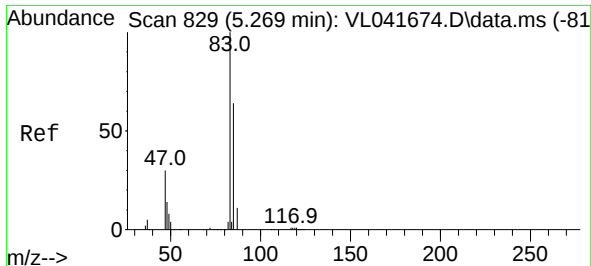
Tgt Ion: 76 Resp: 1427544
Ion Ratio Lower Upper
76 100
44 20.5 15.8 23.8
78 10.0 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.954 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 73 Resp: 764924
Ion Ratio Lower Upper
73 100
57 23.9 19.6 29.4





#29

Chloroform

Concen: 9.167 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

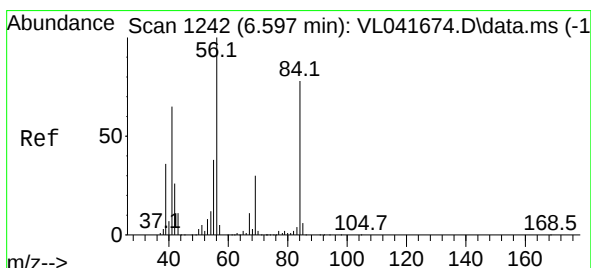
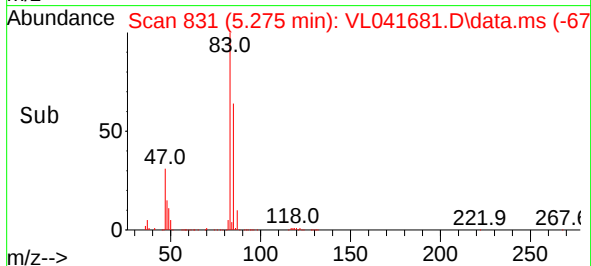
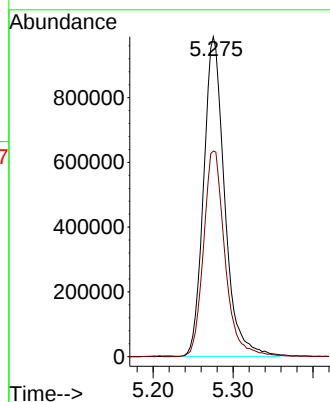
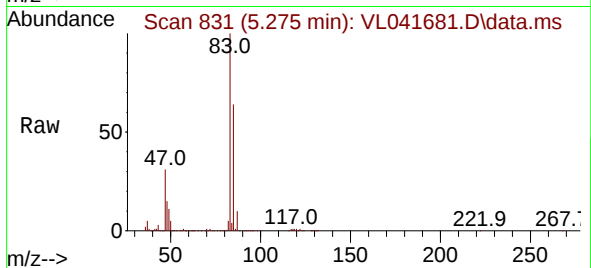
ClientSampleId :

Tgt Ion: 83 Resp: 1805559

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7



#30

Cyclohexane

Concen: 10.204 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

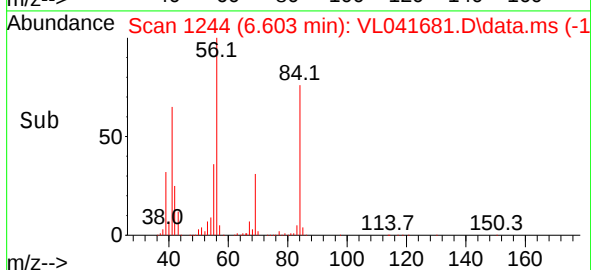
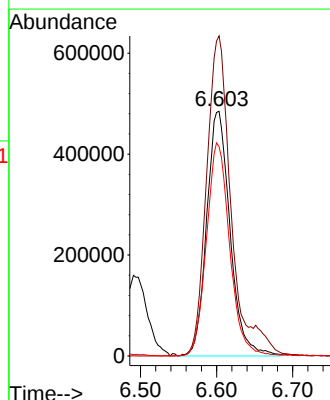
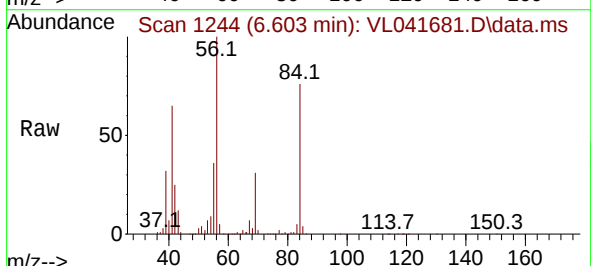
Tgt Ion: 84 Resp: 1036810

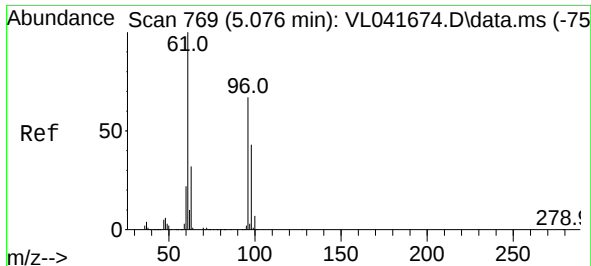
Ion Ratio Lower Upper

84 100

56 138.2 110.8 166.2

41 86.7 70.0 105.0





#31

cis-1,2-Dichloroethene

Concen: 10.374 ppbv

RT: 5.079 min Scan# 71

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

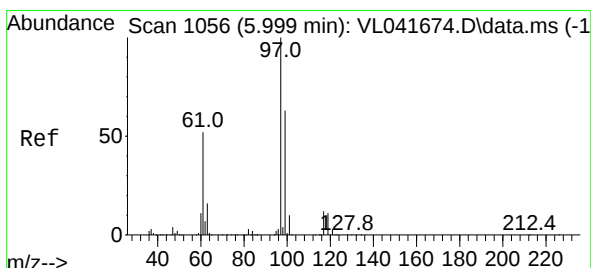
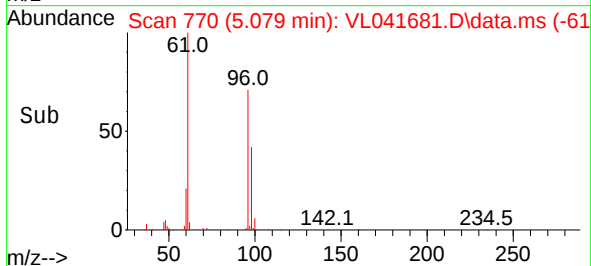
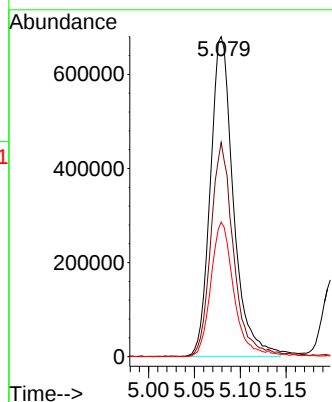
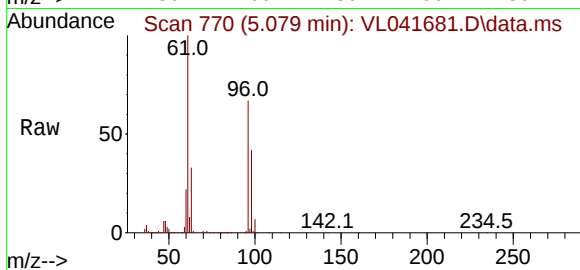
Tgt Ion: 61 Resp: 1190854

Ion Ratio Lower Upper

61 100

96 67.0 53.4 80.2

98 42.1 34.0 51.0



#32

1,1,1-Trichloroethane

Concen: 10.002 ppbv

RT: 6.002 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

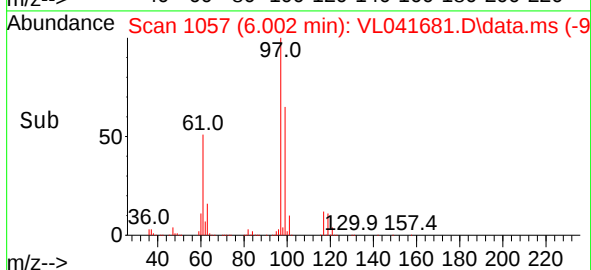
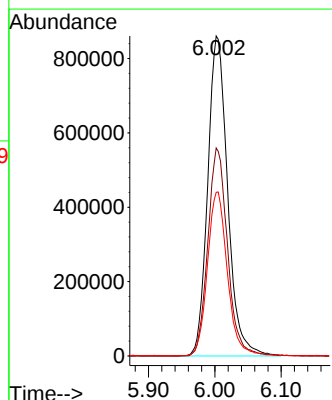
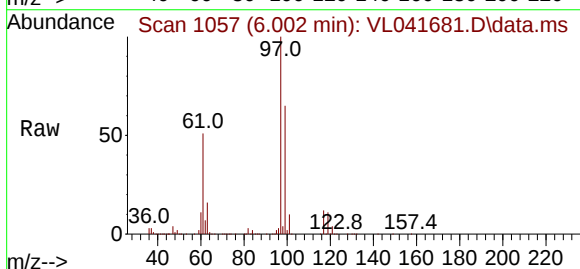
Tgt Ion: 97 Resp: 1797279

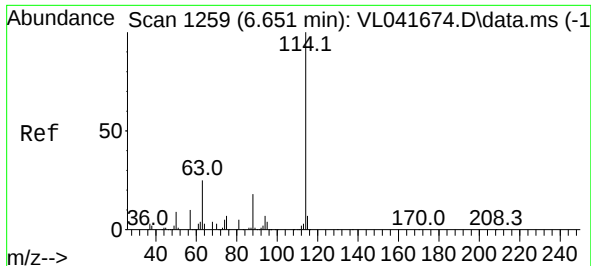
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 51.4 41.7 62.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

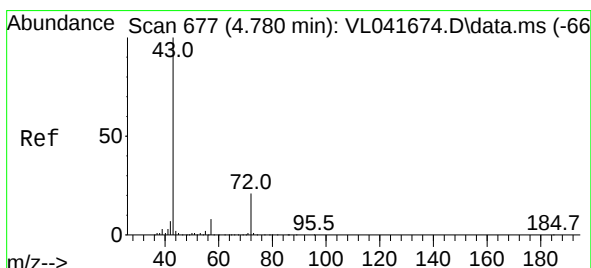
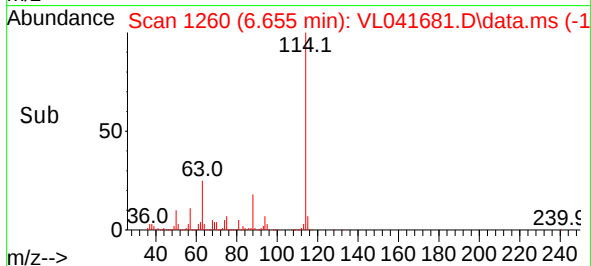
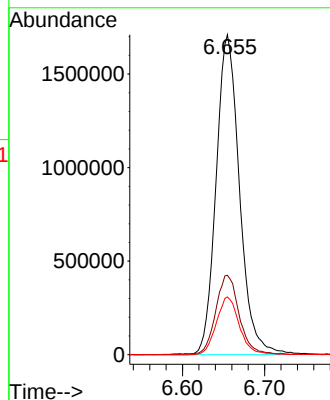
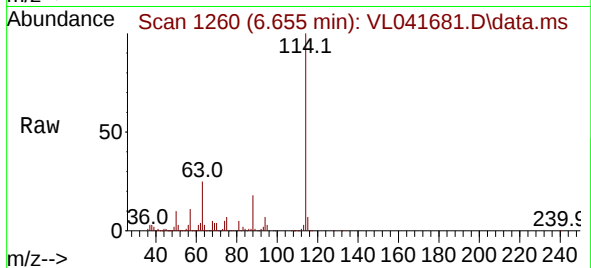
Tgt Ion:114 Resp: 3384840

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.9 14.2 21.4



#34

2-Butanone

Concen: 10.390 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.006 min

Lab File: VL041681.D

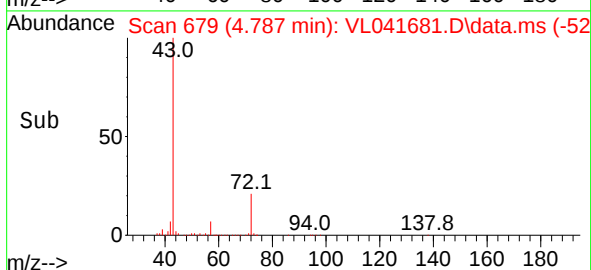
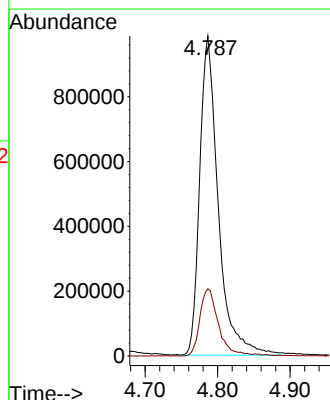
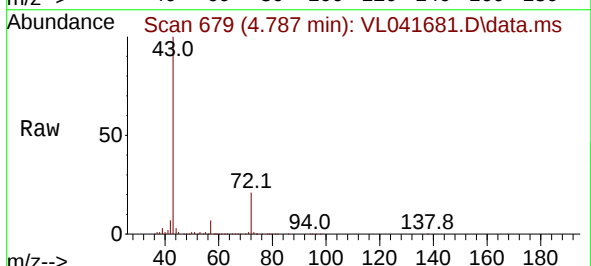
Acq: 7 Nov 2024 14:51

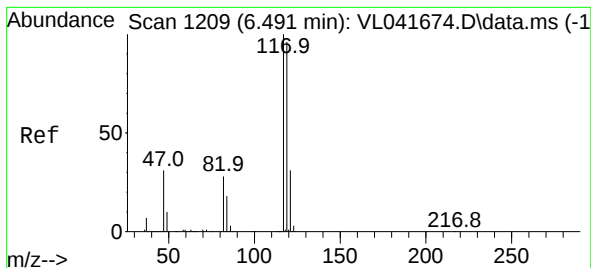
Tgt Ion: 43 Resp: 1751089

Ion Ratio Lower Upper

43 100

72 21.6 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.244 ppbv

RT: 6.494 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

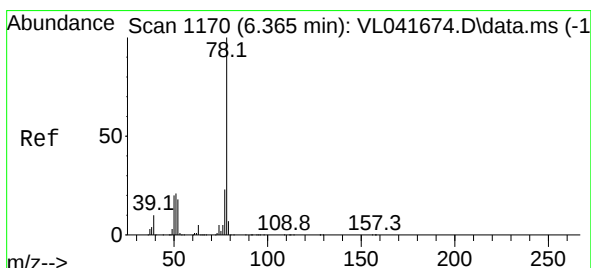
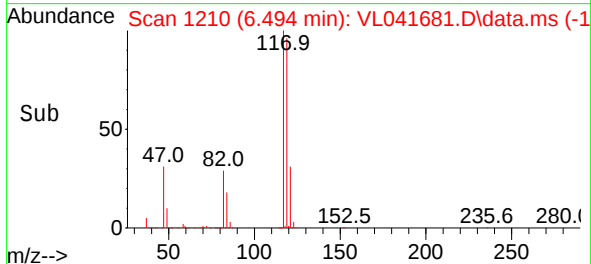
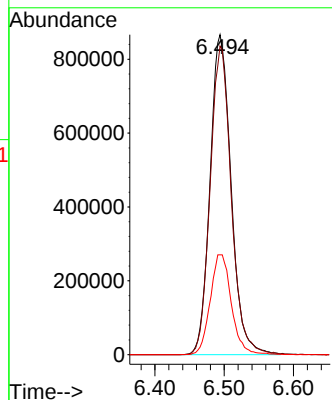
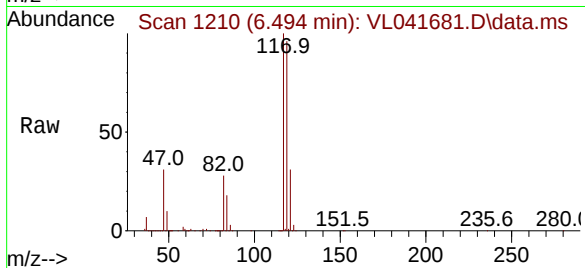
Tgt Ion:117 Resp: 1829420

Ion Ratio Lower Upper

117 100

119 96.4 77.2 115.8

121 31.2 25.0 37.4



#36

Benzene

Concen: 10.208 ppbv

RT: 6.368 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

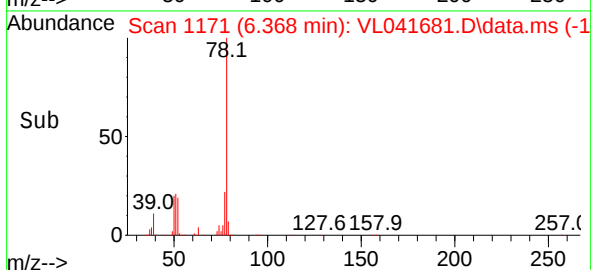
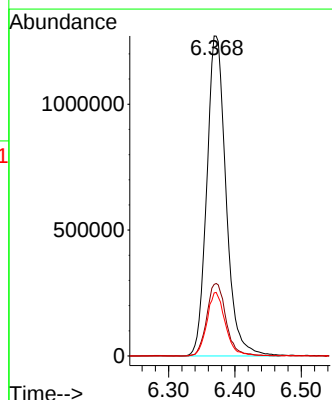
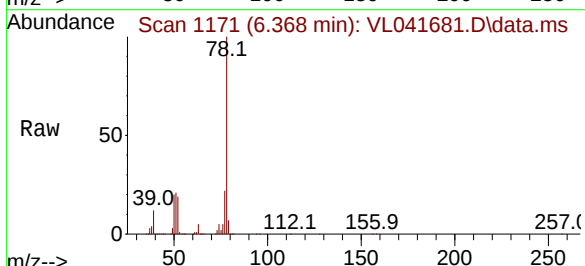
Tgt Ion: 78 Resp: 2560057

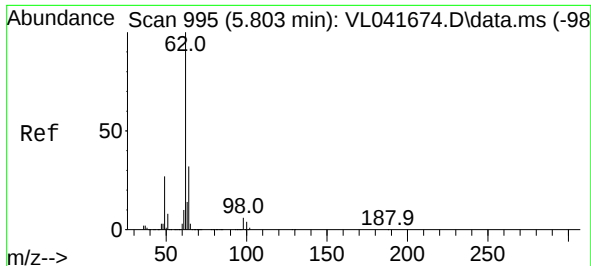
Ion Ratio Lower Upper

78 100

77 22.3 18.5 27.7

50 19.7 15.6 23.4

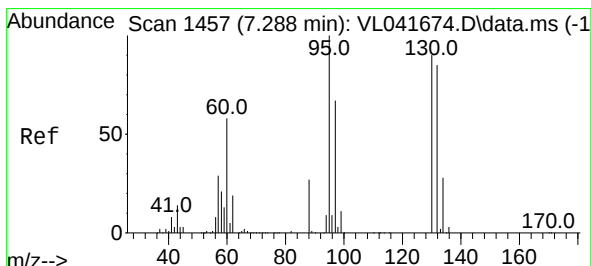
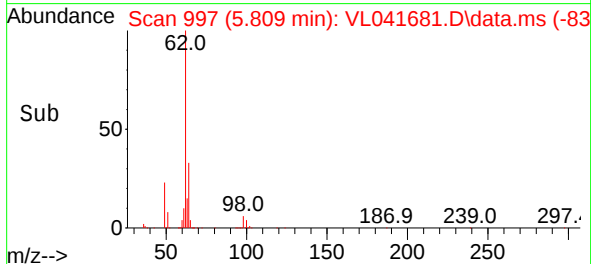
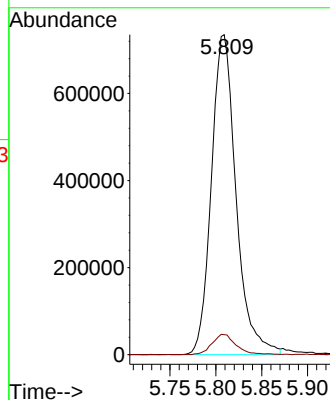
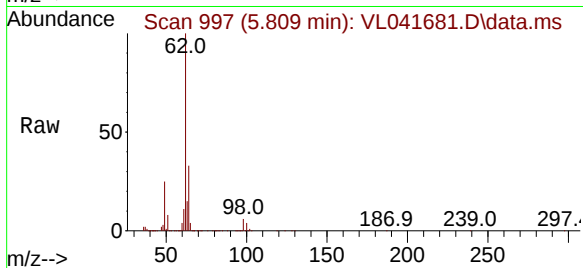




#37
1,2-Dichloroethane
Concen: 9.726 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

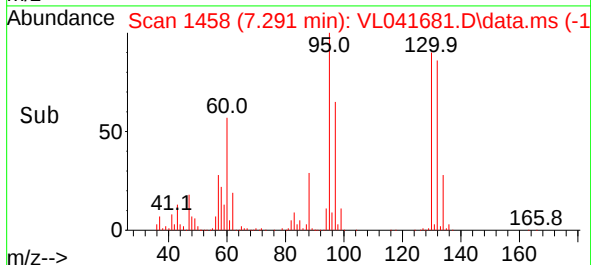
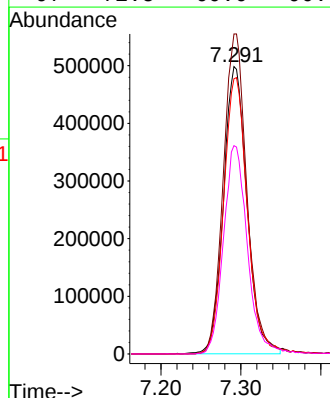
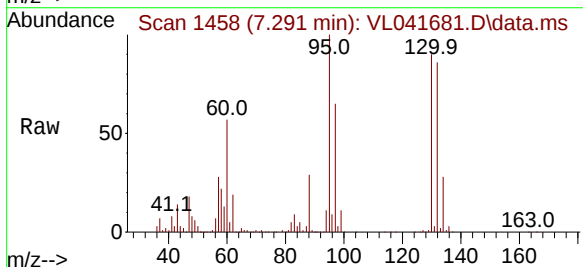
Instrument :
MSVOA_L
ClientSampleId :

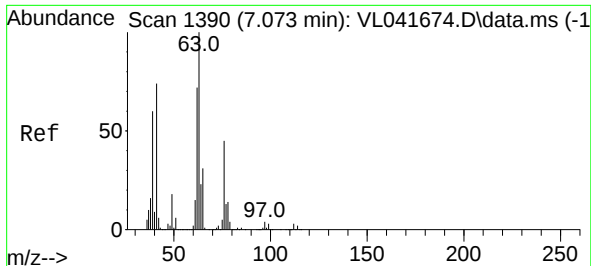
Tgt Ion: 62 Resp: 1376089
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8



#38
Trichloroethene
Concen: 10.577 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:130 Resp: 1018788
Ion Ratio Lower Upper
130 100
95 111.4 89.1 133.7
132 95.8 75.7 113.5
97 72.5 60.0 90.0





#39

1,2-Dichloropropane

Concen: 9.923 ppbv

RT: 7.073 min Scan# 14

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

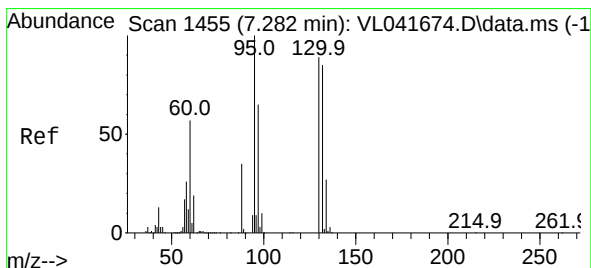
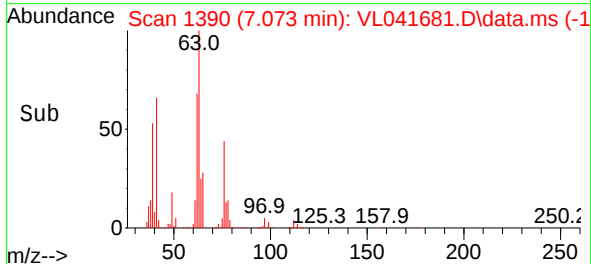
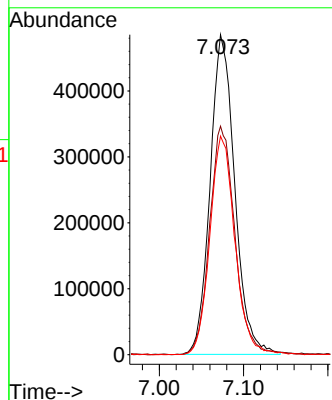
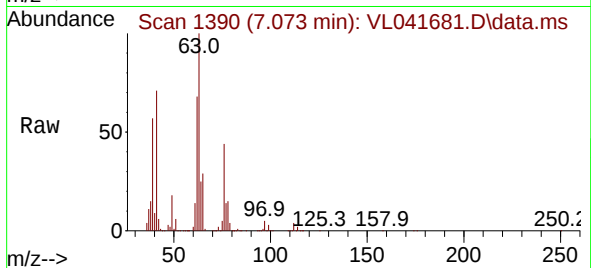
Tgt Ion: 63 Resp: 983477

Ion Ratio Lower Upper

63 100

41 71.4 59.1 88.7

62 68.3 57.7 86.5



#40

1,4-Dioxane

Concen: 10.579 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion: 88 Resp: 376201

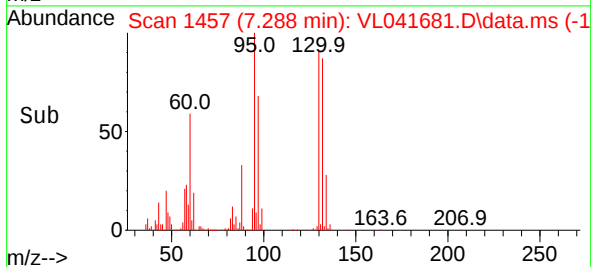
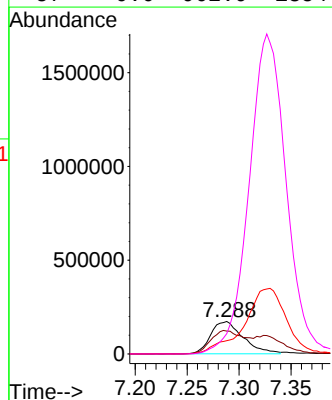
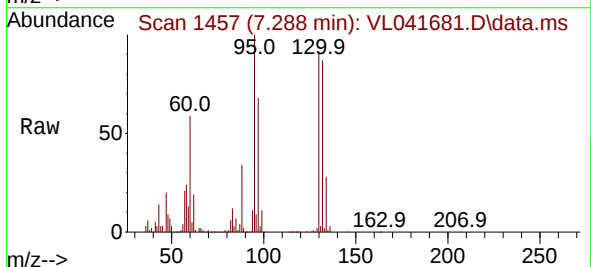
Ion Ratio Lower Upper

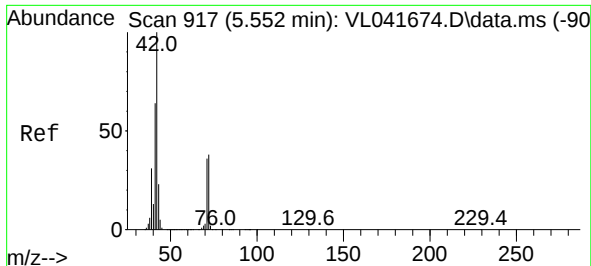
88 100

58 127.2 101.4 152.2

43 0.0 208.0 312.0#

57 0.0 902.9 1354.3#





#41

Tetrahydrofuran

Concen: 11.067 ppbv

RT: 5.555 min Scan# 917

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

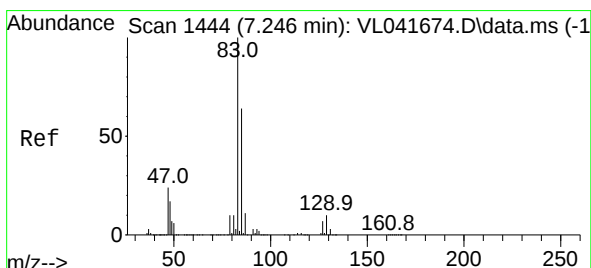
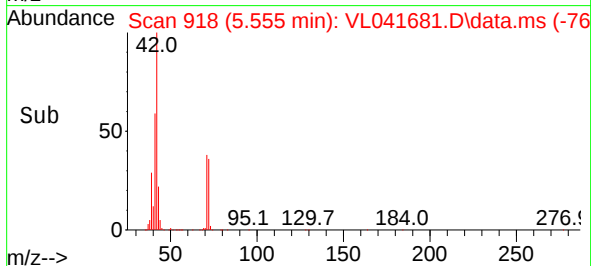
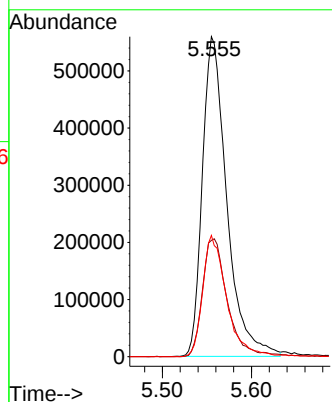
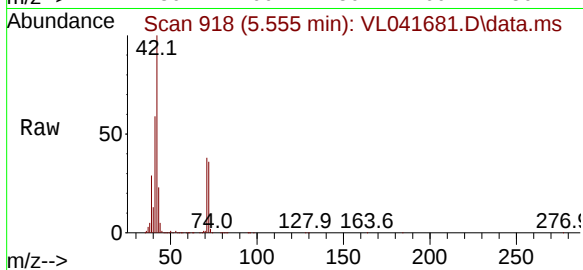
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 42 Resp: 1065202

Ion	Ratio	Lower	Upper
42	100		
72	37.9	29.8	44.6
71	37.5	29.4	44.2



#42

Bromodichloromethane

Concen: 10.002 ppbv

RT: 7.253 min Scan# 1446

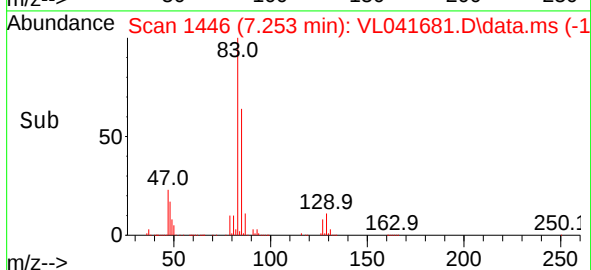
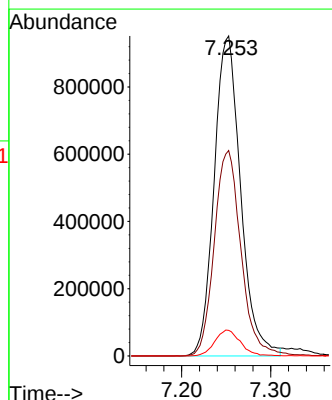
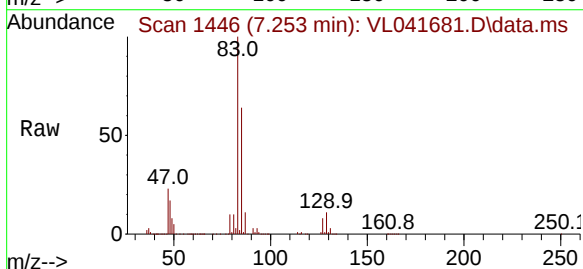
Delta R.T. 0.006 min

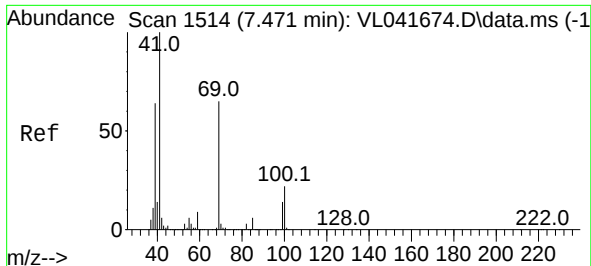
Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion: 83 Resp: 1966589

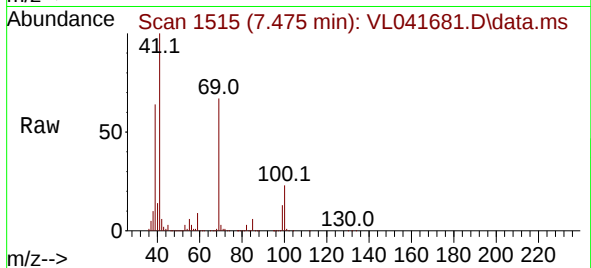
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8
127	8.0	6.0	9.0



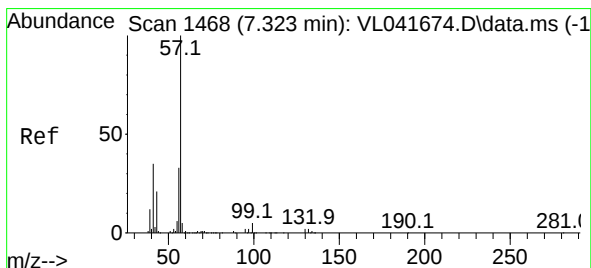
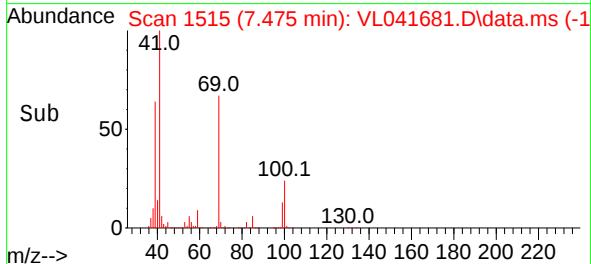
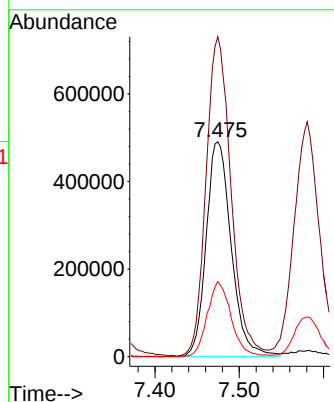


#43
Methyl Methacrylate
Concen: 11.473 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :

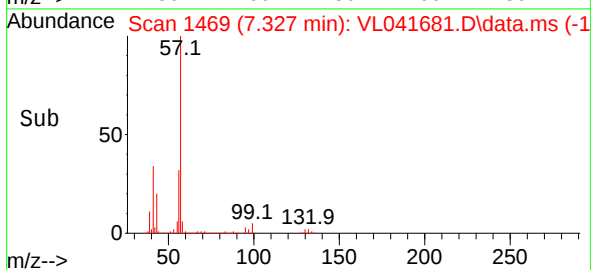
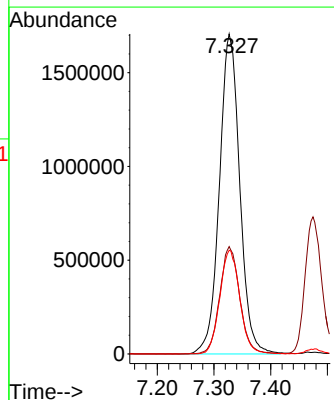
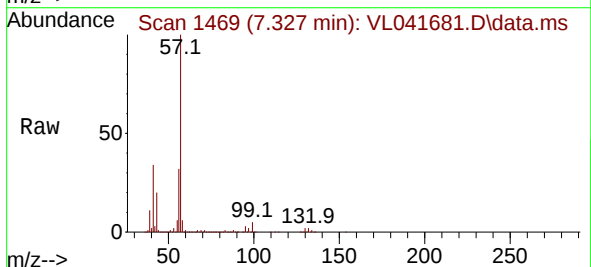


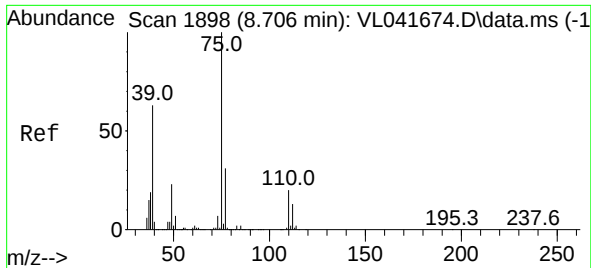
Tgt Ion: 69 Resp: 1010315
Ion Ratio Lower Upper
69 100
41 148.9 119.8 179.6
100 33.6 27.3 40.9



#44
2,2,4-Trimethylpentane
Concen: 10.012 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 57 Resp: 4253439
Ion Ratio Lower Upper
57 100
41 33.1 27.0 40.6
56 31.9 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 12.176 ppbv

RT: 8.712 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

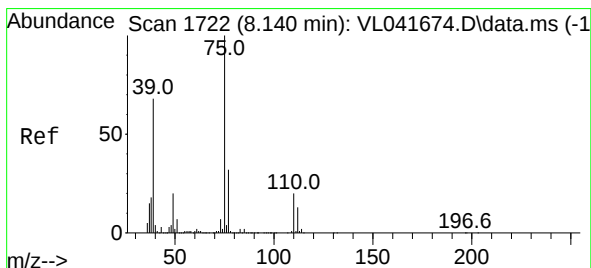
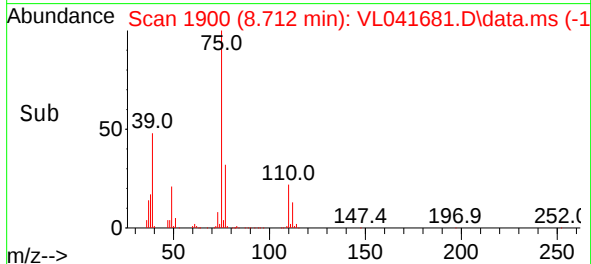
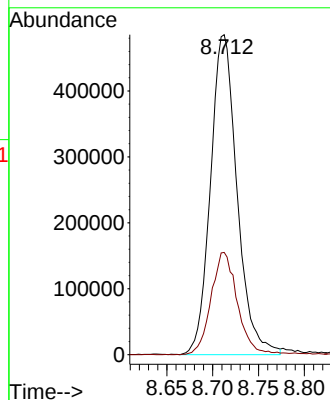
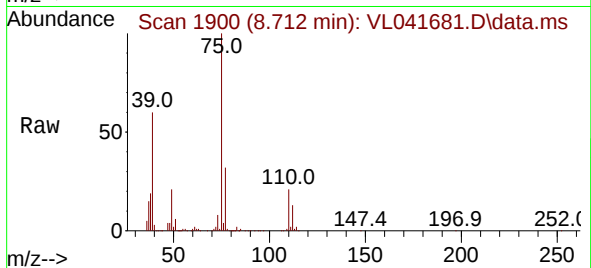
ClientSampleId :

Tgt Ion: 75 Resp: 979763

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 11.555 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

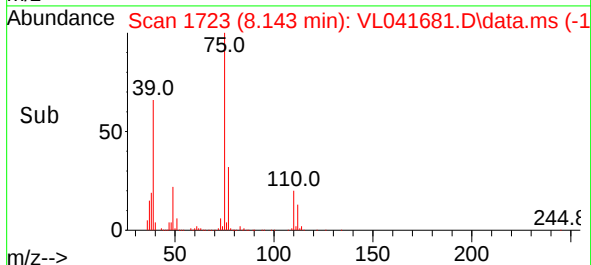
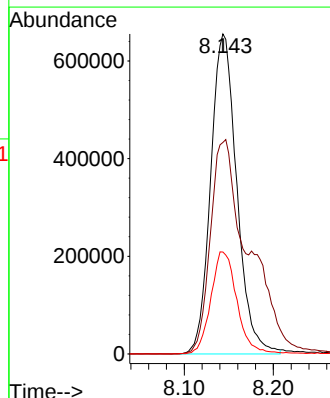
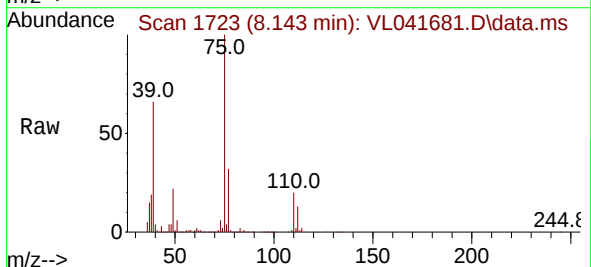
Tgt Ion: 75 Resp: 1335370

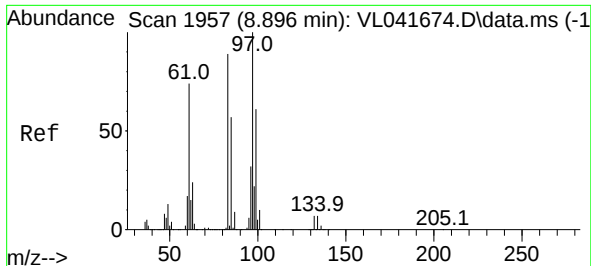
Ion Ratio Lower Upper

75 100

39 66.0 54.1 81.1

77 31.8 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.583 ppbv

RT: 8.899 min Scan# 1957

Delta R.T. 0.003 min

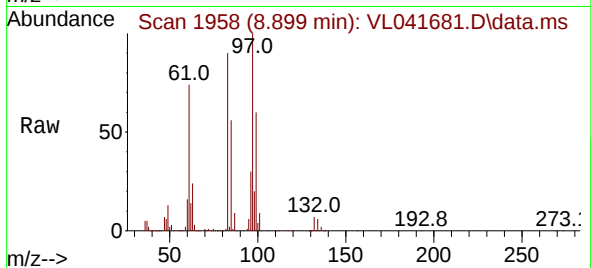
Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

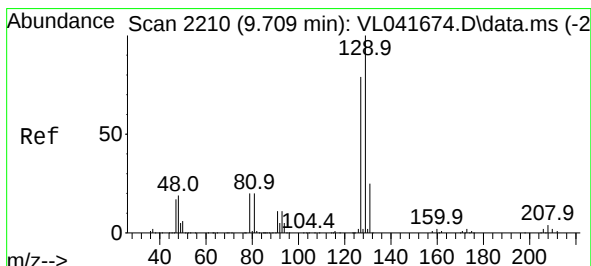
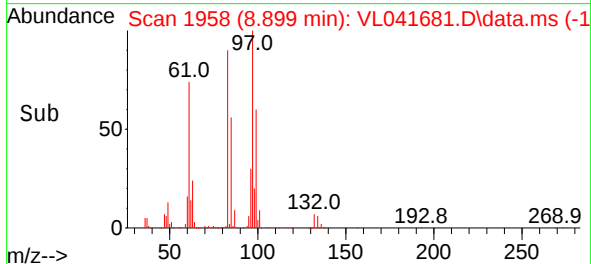
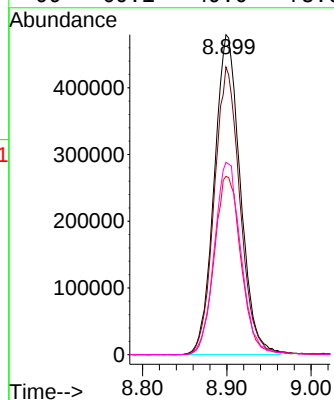
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 1027960

Ion	Ratio	Lower	Upper
97	100		
83	89.9	71.0	106.6
85	55.8	45.4	68.2
99	60.1	49.0	73.6



#48

Dibromochloromethane

Concen: 10.410 ppbv

RT: 9.712 min Scan# 2211

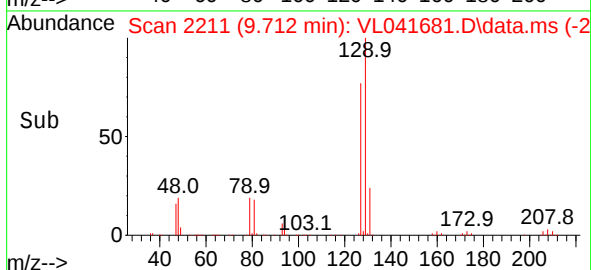
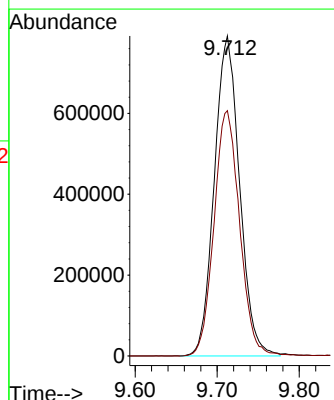
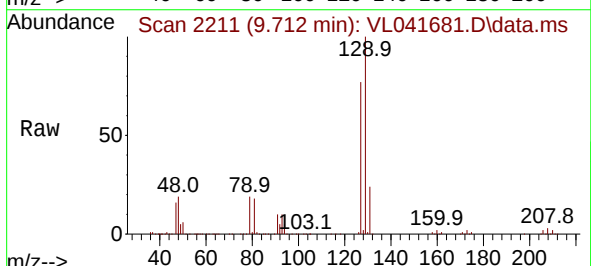
Delta R.T. 0.003 min

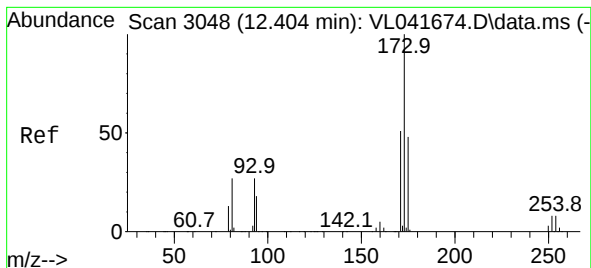
Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion: 129 Resp: 1697504

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2





#49

Bromoform

Concen: 10.519 ppbv

RT: 12.410 min Scan# 3048

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

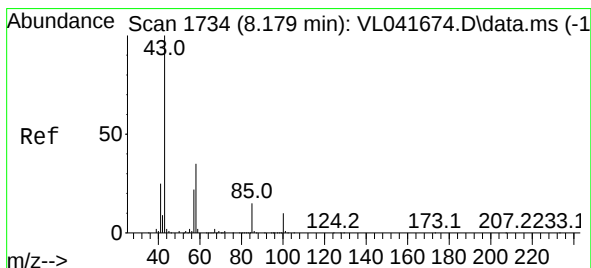
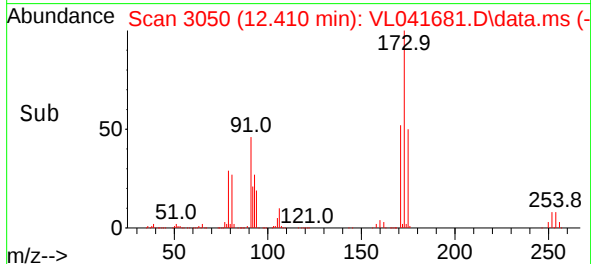
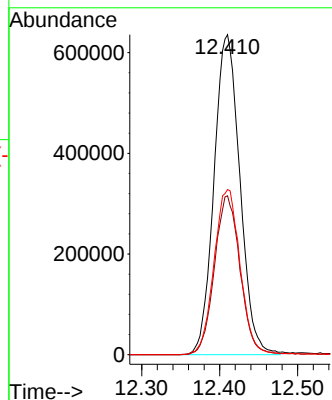
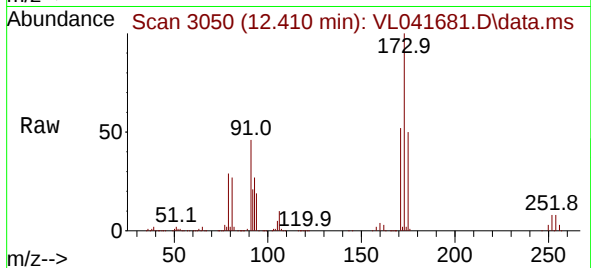
Tgt Ion:173 Resp: 1467565

Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

171 52.4 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.513 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041681.D

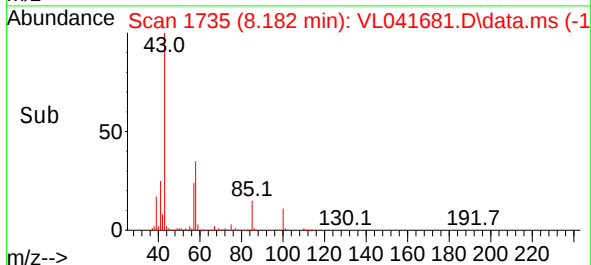
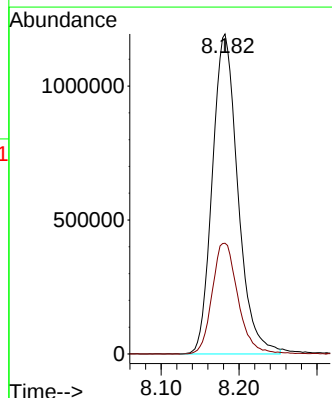
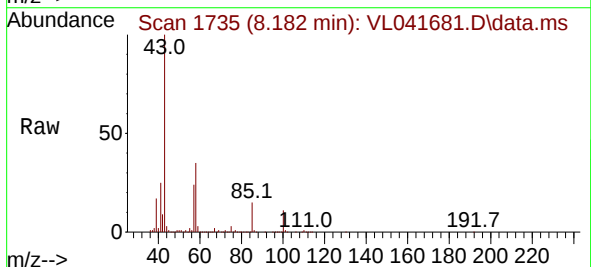
Acq: 7 Nov 2024 14:51

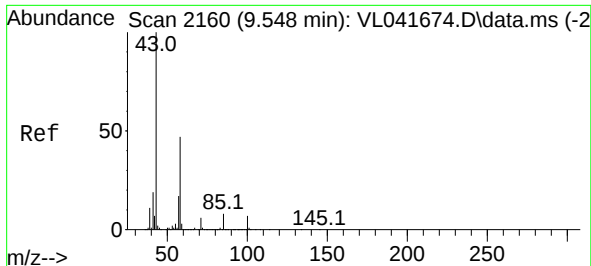
Tgt Ion: 43 Resp: 2720056

Ion Ratio Lower Upper

43 100

58 35.1 27.7 41.5

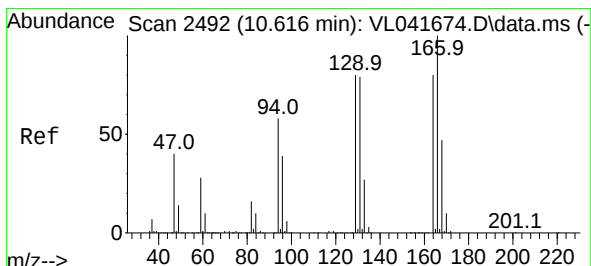
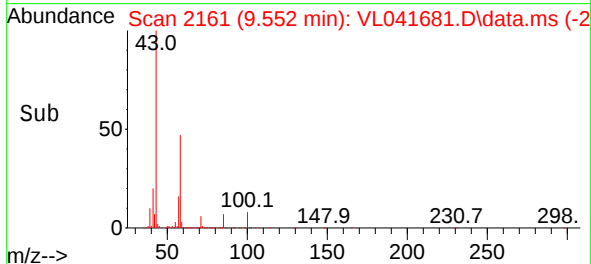
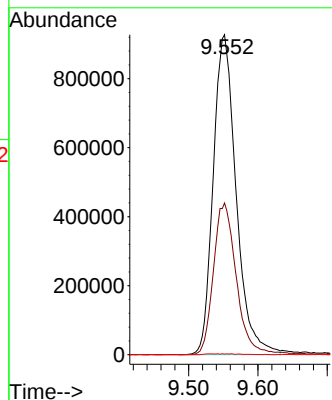
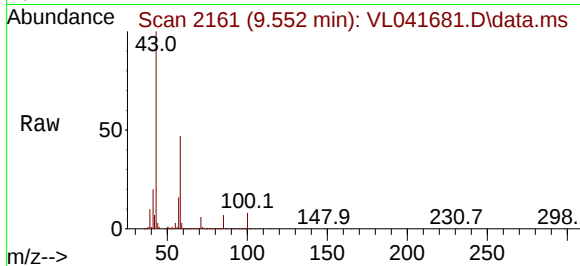




#51
2-Hexanone
Concen: 11.315 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

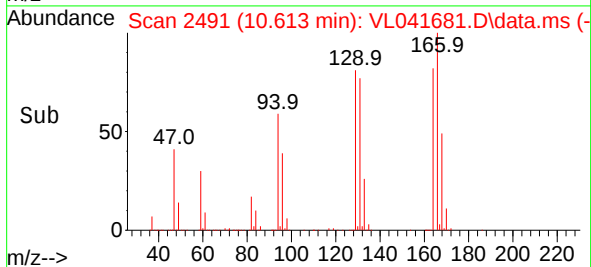
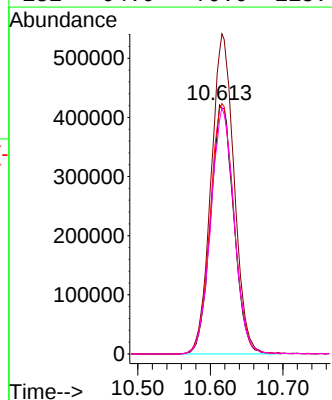
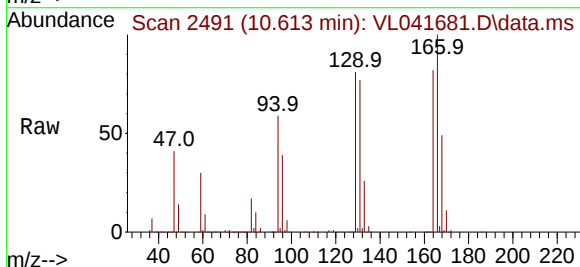
Instrument :
MSVOA_L
ClientSampleId :

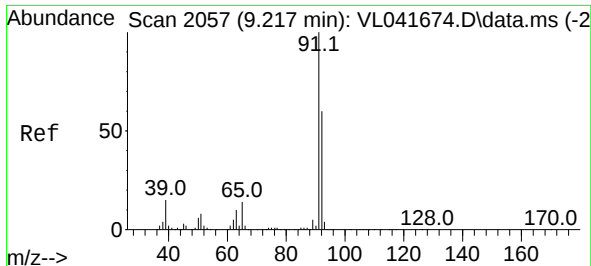
Tgt Ion: 43 Resp: 2131991
Ion Ratio Lower Upper
43 100
58 47.9 37.0 55.6
98 0.3 0.6 0.8#



#52
Tetrachloroethene
Concen: 10.901 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:164 Resp: 931693
Ion Ratio Lower Upper
164 100
166 121.3 100.2 150.4
129 98.3 79.7 119.5
131 94.0 79.0 118.4

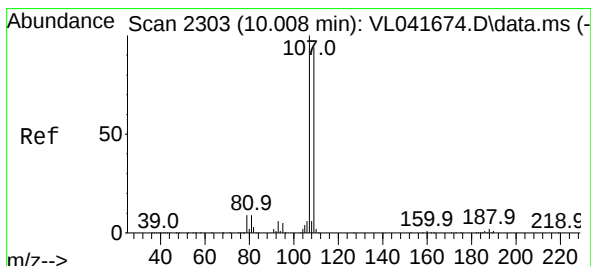
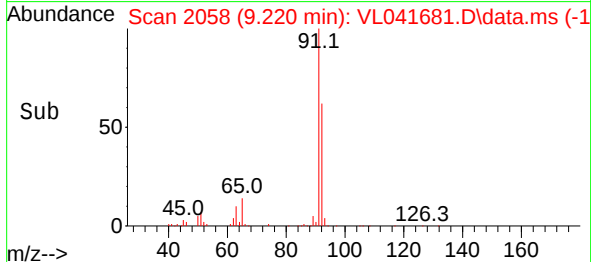
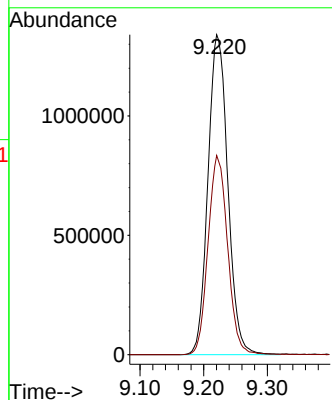
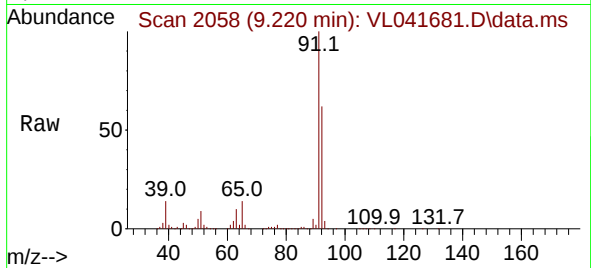




#53
Toluene
Concen: 10.997 ppbv
RT: 9.220 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

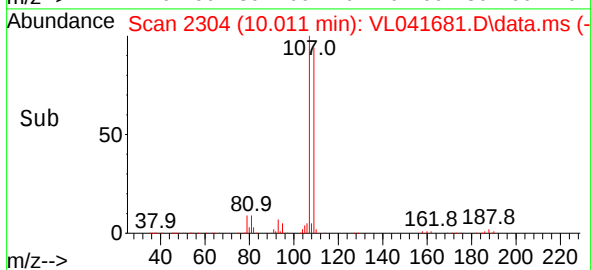
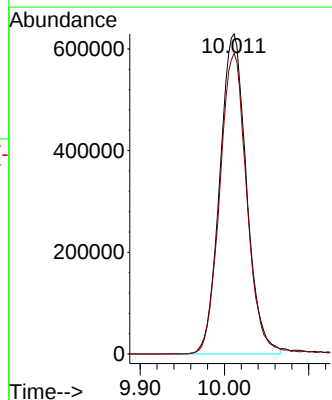
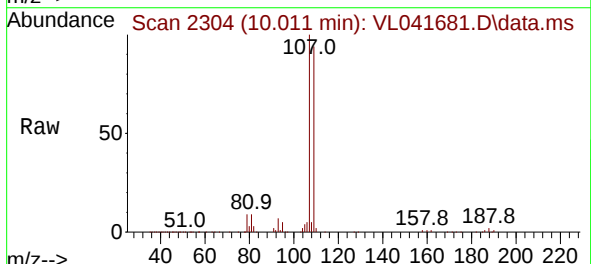
Instrument :
MSVOA_L
ClientSampleId :

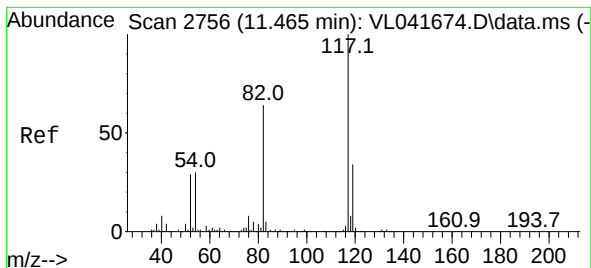
Tgt Ion: 91 Resp: 2900278
Ion Ratio Lower Upper
91 100
92 61.6 49.0 73.4



#54
1,2-Dibromoethane
Concen: 11.043 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:107 Resp: 1383939
Ion Ratio Lower Upper
107 100
109 93.9 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

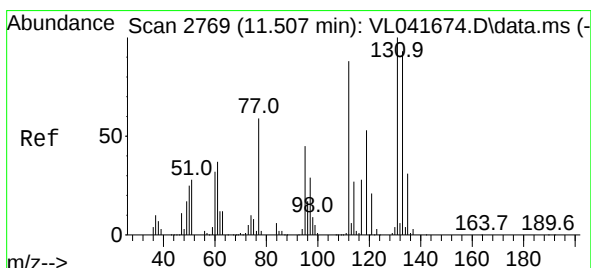
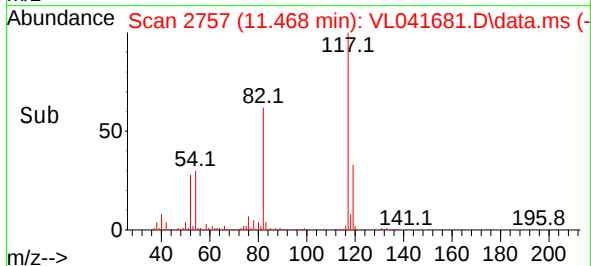
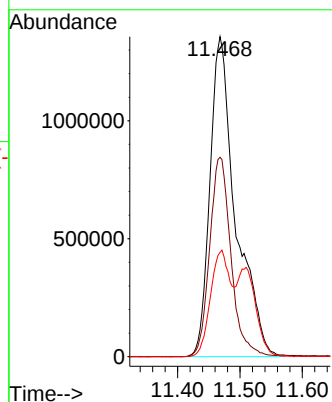
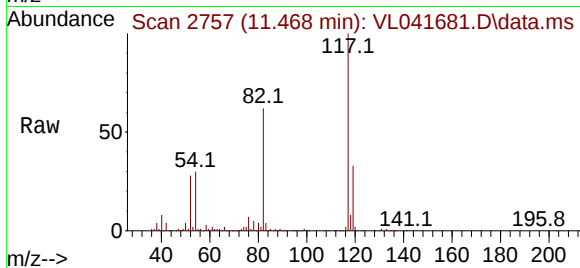
Tgt Ion:117 Resp: 3891746

Ion Ratio Lower Upper

117 100

82 51.9 49.8 74.8

119 26.0 24.2 36.4



#56

1,1,1,2-Tetrachloroethane

Concen: 7.778 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

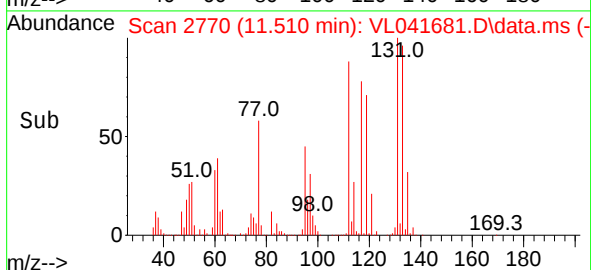
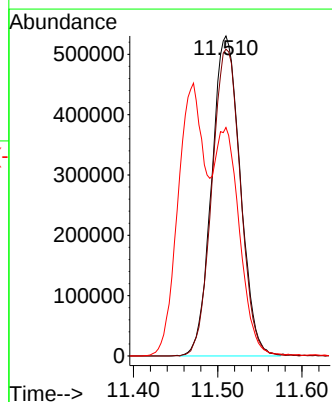
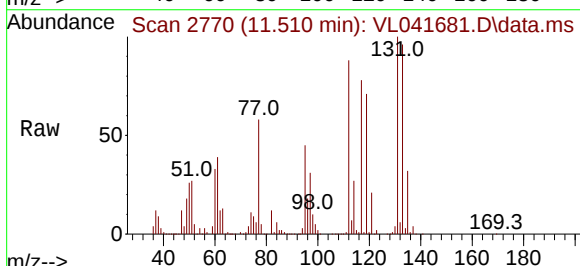
Tgt Ion:131 Resp: 1248422

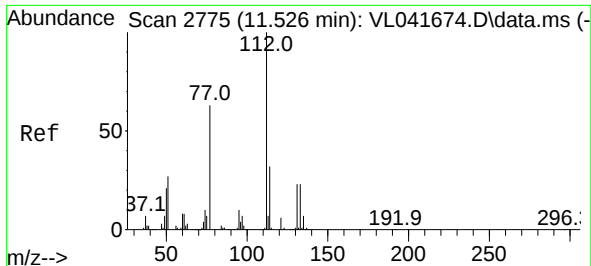
Ion Ratio Lower Upper

131 100

133 96.0 76.5 114.7

119 64.6 49.8 74.8





#57

Chlorobenzene

Concen: 7.772 ppbv

RT: 11.529 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

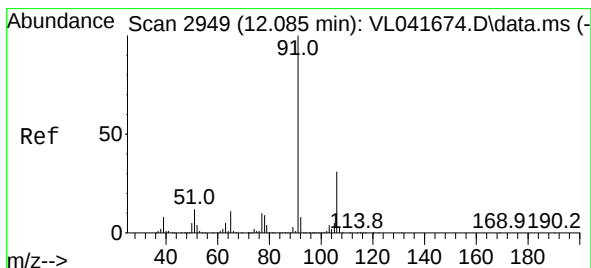
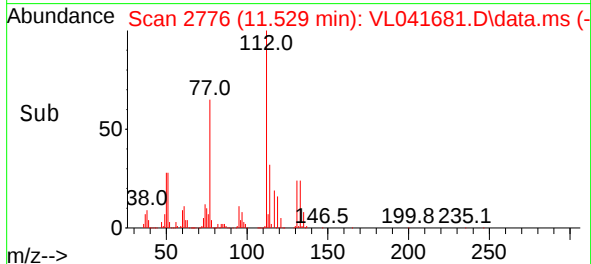
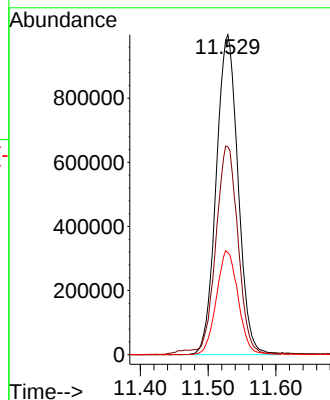
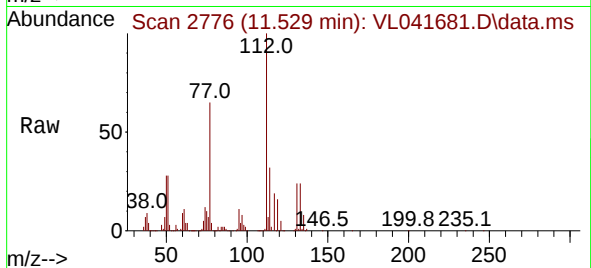
Tgt Ion:112 Resp: 2237120

Ion Ratio Lower Upper

112 100

77 64.7 51.4 77.2

114 31.8 28.4 34.8



#58

Ethyl Benzene

Concen: 9.037 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VL041681.D

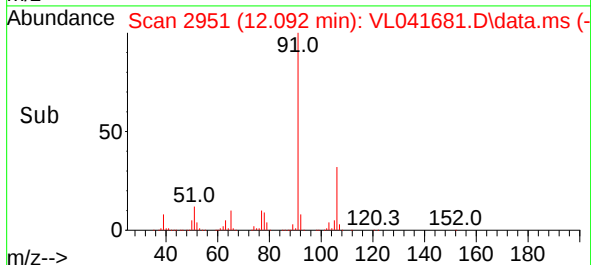
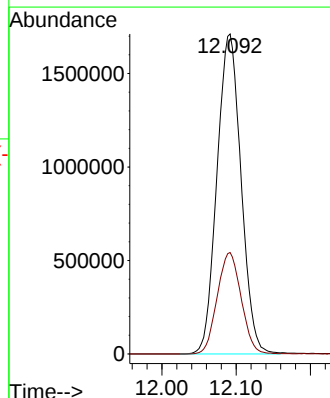
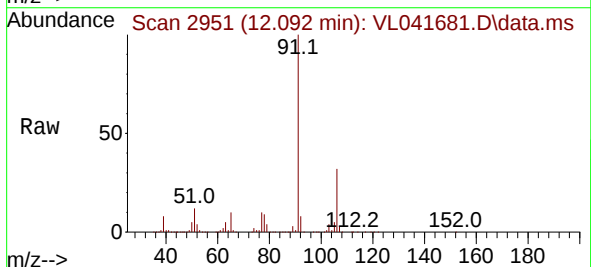
Acq: 7 Nov 2024 14:51

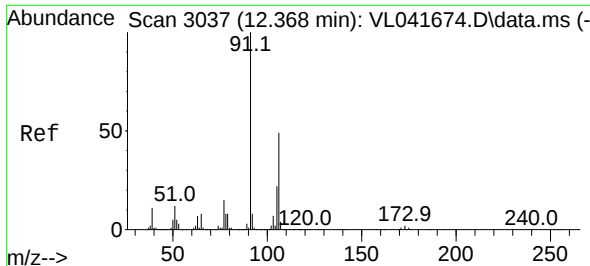
Tgt Ion: 91 Resp: 3855683

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3





#59

m/p-Xylene

Concen: 10.705 ppbv

RT: 12.375 min Scan# 3037

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

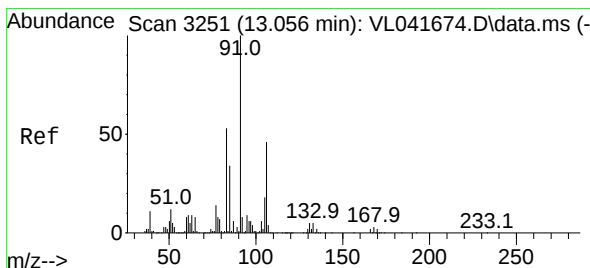
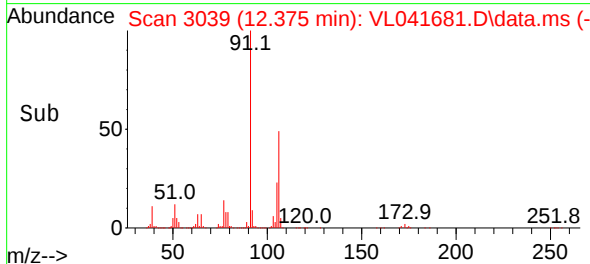
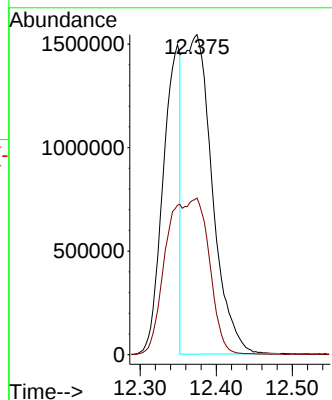
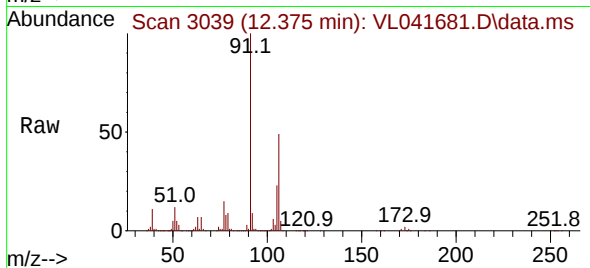
ClientSampleId :

Tgt Ion: 91 Resp: 4090254

Ion Ratio Lower Upper

91 100

106 72.6 36.9 55.3#



#60

o-Xylene

Concen: 8.520 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL041681.D

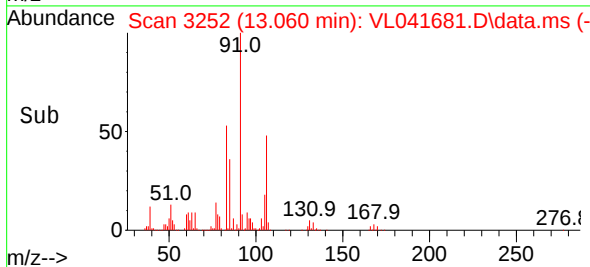
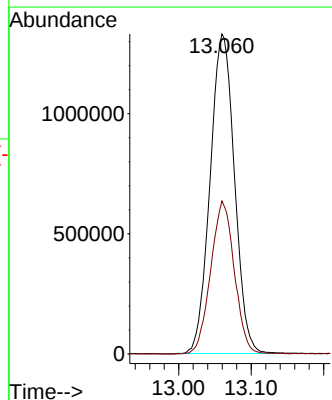
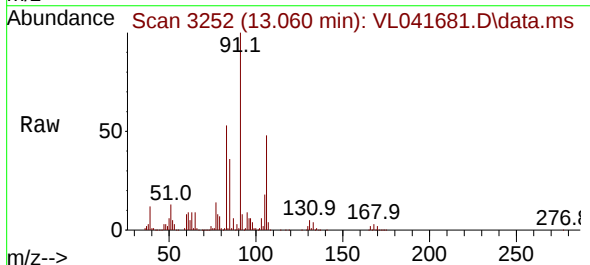
Acq: 7 Nov 2024 14:51

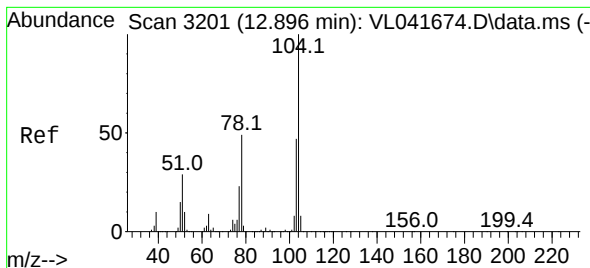
Tgt Ion: 91 Resp: 3103973

Ion Ratio Lower Upper

91 100

106 46.6 23.2 69.6





#61

Styrene

Concen: 10.214 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

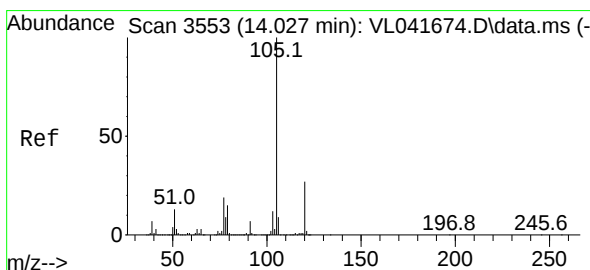
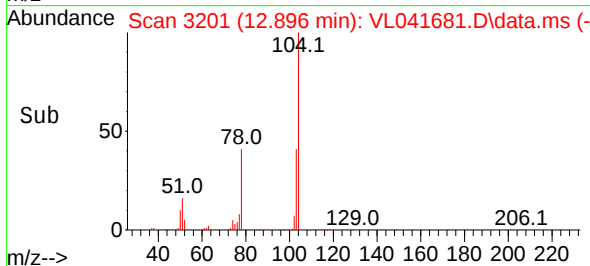
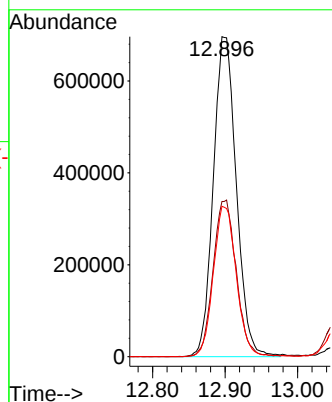
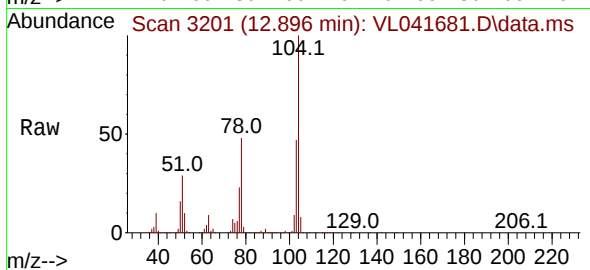
Tgt Ion:104 Resp: 1535856

Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.8

103 47.1 37.4 56.0



#62

Isopropylbenzene

Concen: 8.185 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041681.D

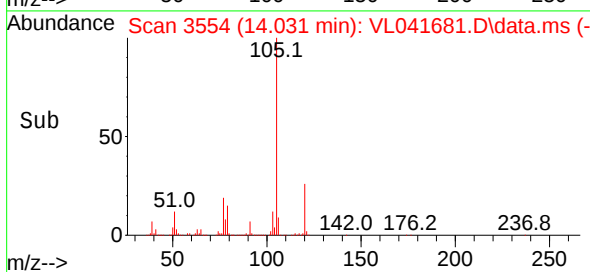
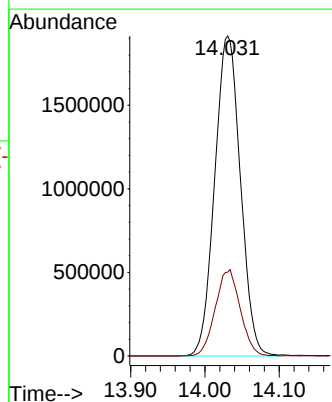
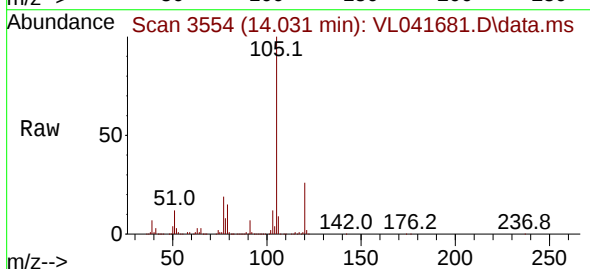
Acq: 7 Nov 2024 14:51

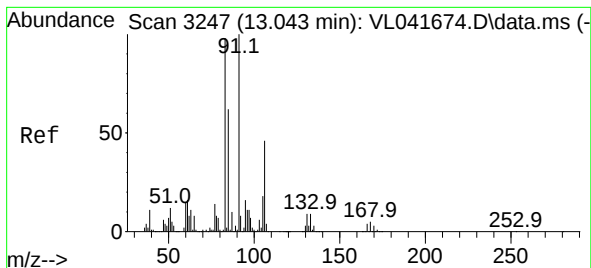
Tgt Ion:105 Resp: 4605291

Ion Ratio Lower Upper

105 100

120 26.2 21.1 31.7

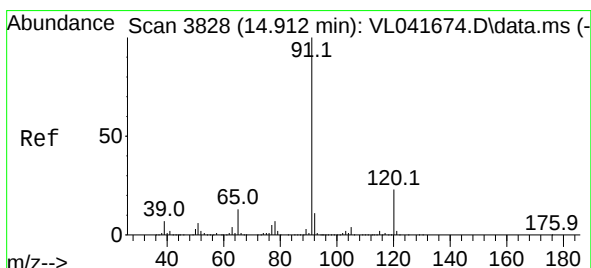
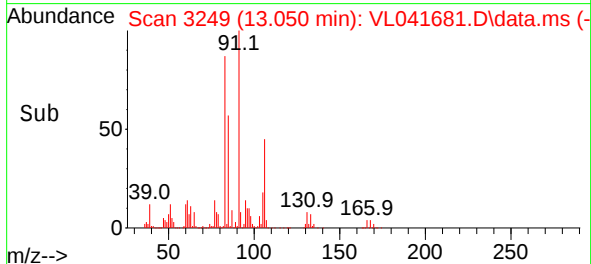
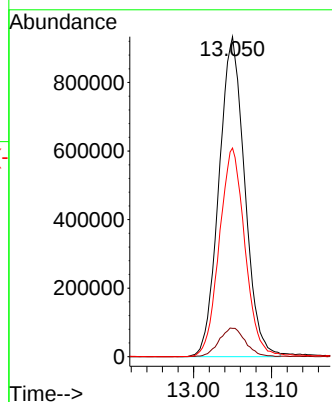
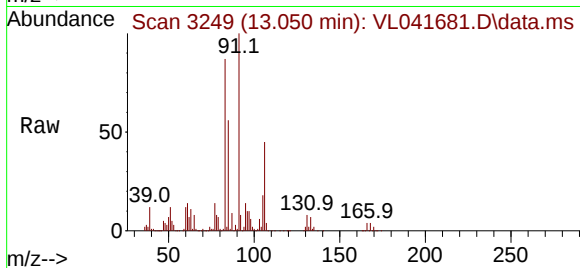




#63
1,1,2,2-Tetrachloroethane
Concen: 7.991 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

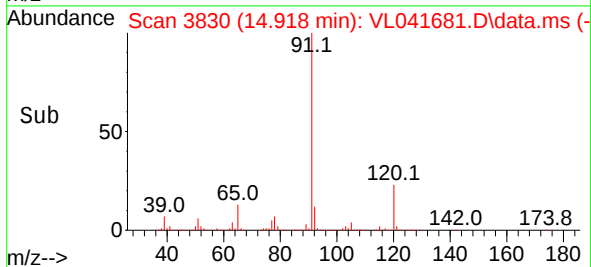
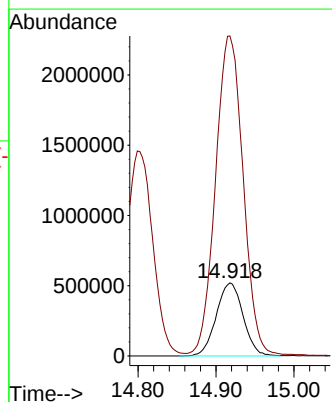
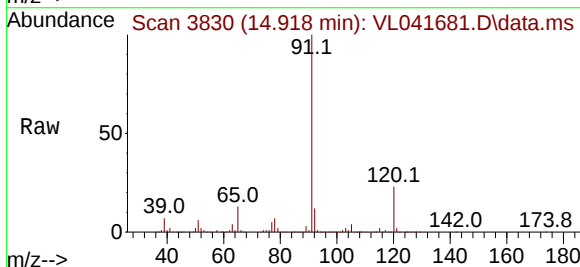
Instrument :
MSVOA_L
ClientSampleId :

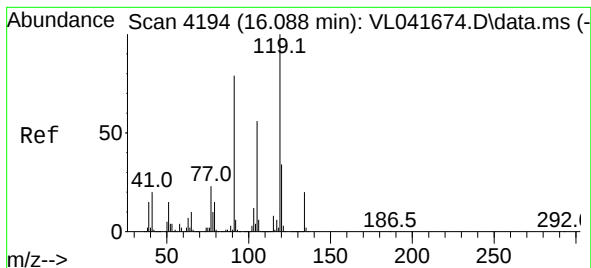
Tgt Ion: 83 Resp: 2141628
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 65.7 32.6 98.0



#64
n-propylbenzene
Concen: 8.434 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:120 Resp: 1242370
Ion Ratio Lower Upper
120 100
91 453.8 362.4 543.6

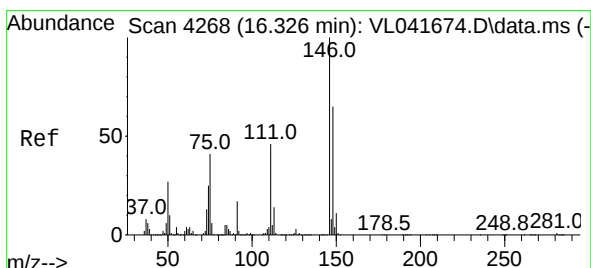
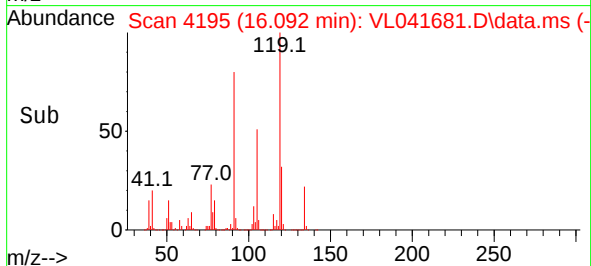
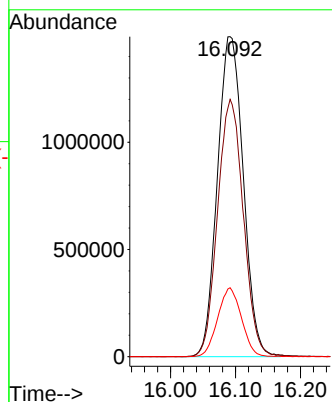
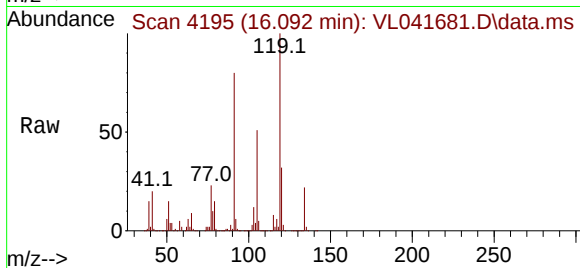




#65
tert-Butylbenzene
Concen: 8.163 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

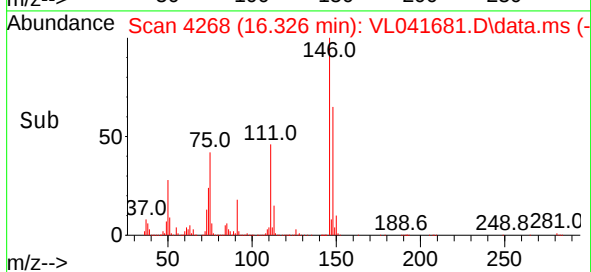
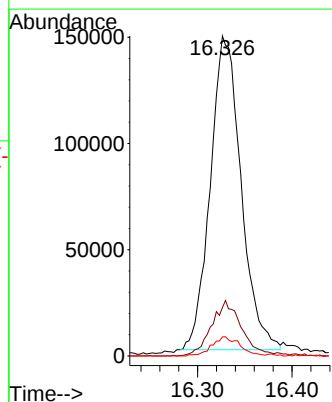
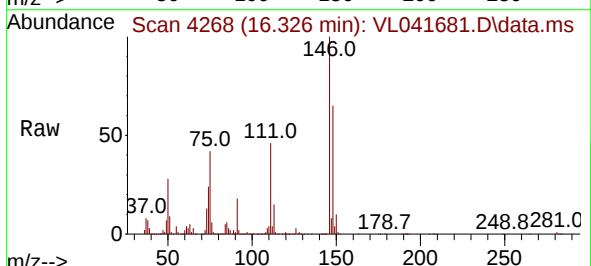
Instrument :
MSVOA_L
ClientSampleId :

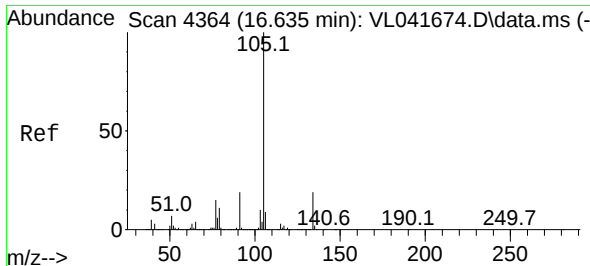
Tgt Ion:119 Resp: 4128160
Ion Ratio Lower Upper
119 100
91 80.0 64.3 96.5
134 19.9 15.8 23.8



#66
Benzyl Chloride
Concen: 8.572 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 91 Resp: 333479
Ion Ratio Lower Upper
91 100
126 17.7 13.8 20.6
128 5.8 4.3 6.5





#67

sec-Butylbenzene

Concen: 8.097 ppbv

RT: 16.638 min Scan# 4364

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

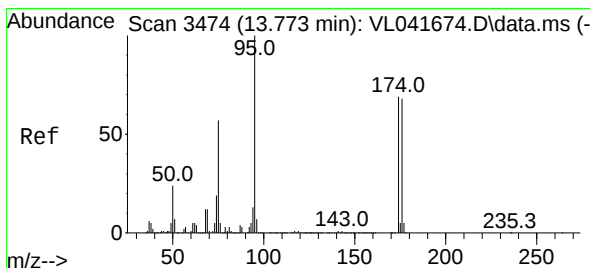
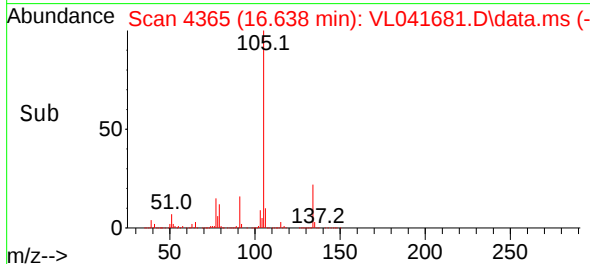
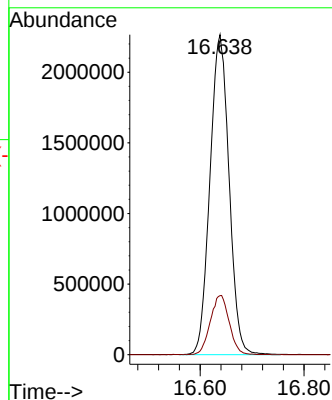
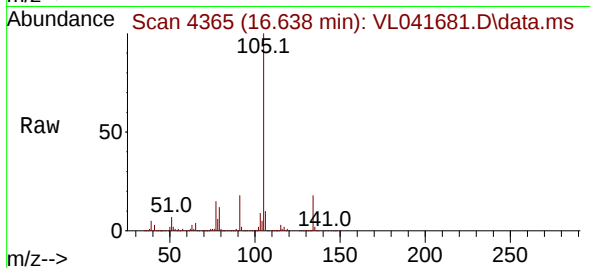
ClientSampleId :

Tgt Ion:105 Resp: 5771671

Ion Ratio Lower Upper

105 100

134 18.4 14.6 22.0



#68

1-Bromo-4-Fluorobenzene

Concen: 8.316 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

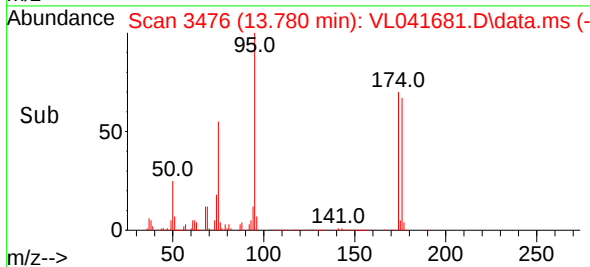
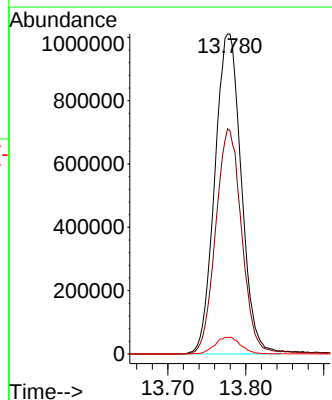
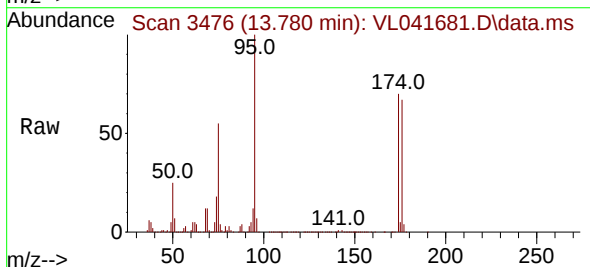
Tgt Ion: 95 Resp: 2384630

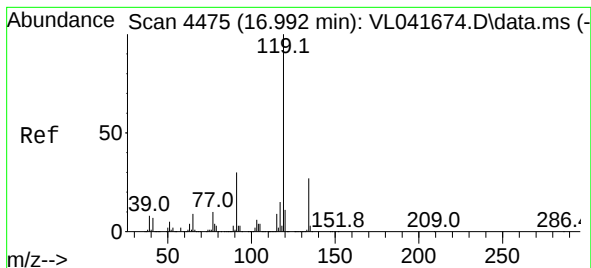
Ion Ratio Lower Upper

95 100

174 69.7 55.6 83.4

175 5.2 4.2 6.2





#69

p-Isopropyltoluene

Concen: 8.401 ppbv

RT: 16.998 min Scan# 4475

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

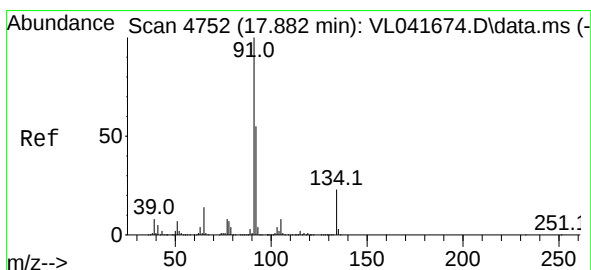
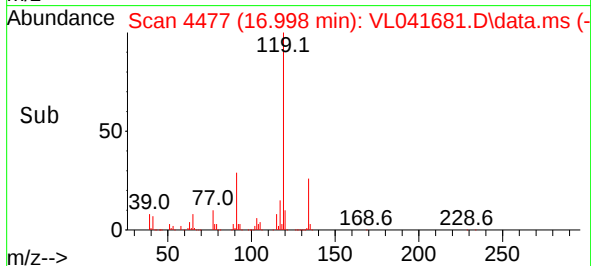
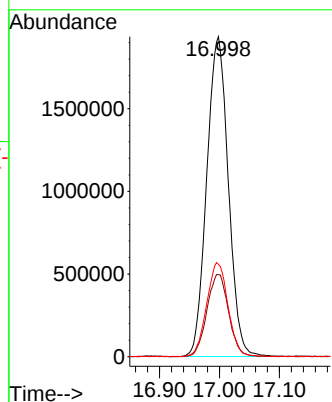
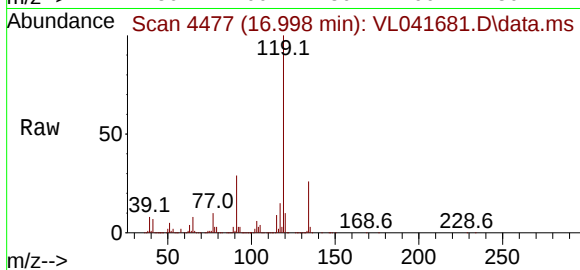
Tgt Ion:119 Resp: 4841188

Ion Ratio Lower Upper

119 100

134 25.9 20.8 31.2

91 29.0 23.2 34.8



#70

n-Butylbenzene

Concen: 8.415 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

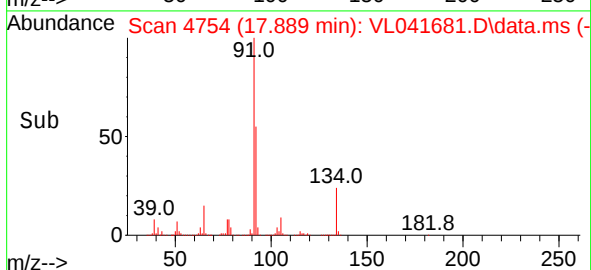
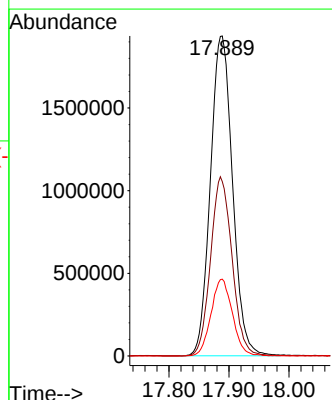
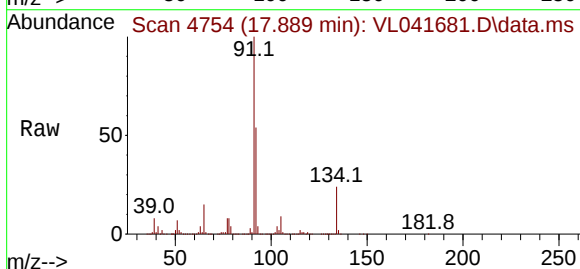
Tgt Ion: 91 Resp: 4961330

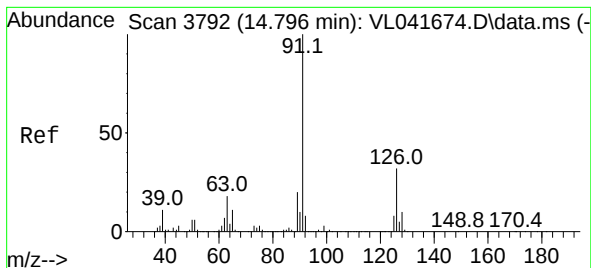
Ion Ratio Lower Upper

91 100

92 54.5 43.3 64.9

134 23.3 18.4 27.6

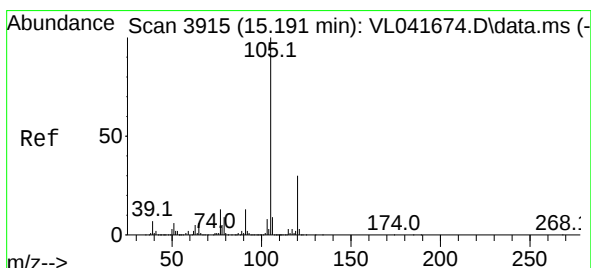
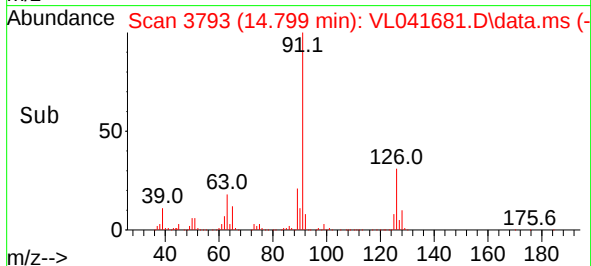
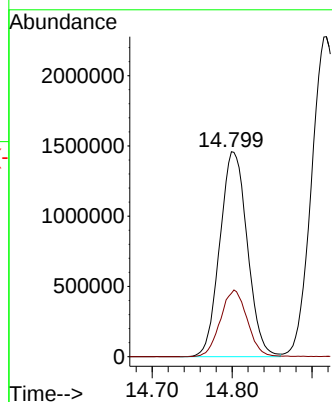
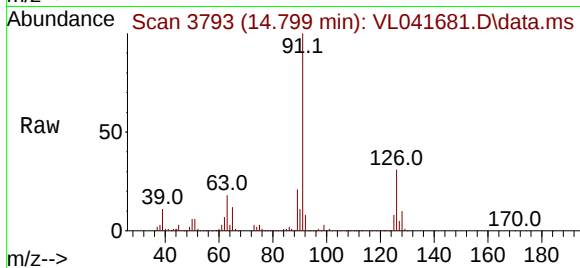




#71
2-Chlorotoluene
Concen: 8.551 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

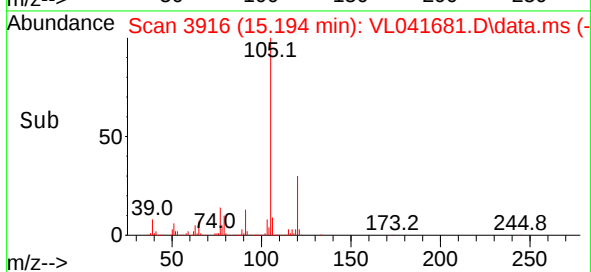
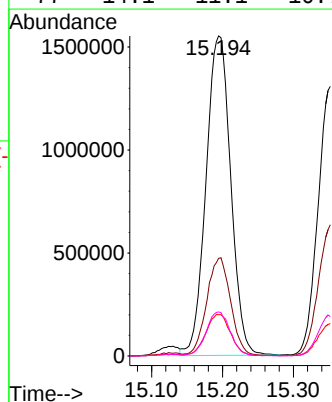
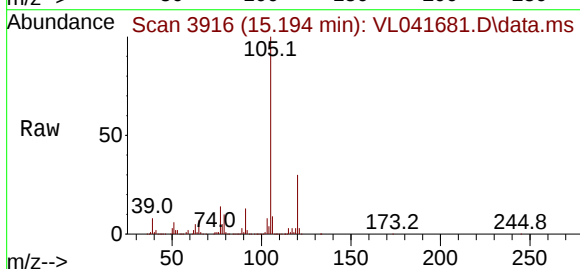
Instrument :
MSVOA_L
ClientSampleId :

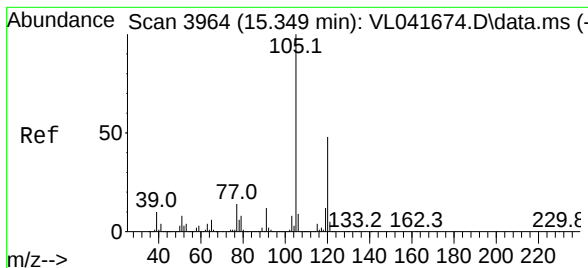
Tgt Ion: 91 Resp: 3477879
Ion Ratio Lower Upper
91 100
126 32.1 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.890 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:105 Resp: 3765544
Ion Ratio Lower Upper
105 100
120 30.8 25.0 37.4
91 12.7 10.6 15.8
77 14.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.514 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

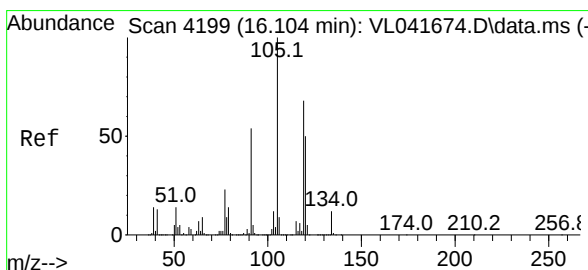
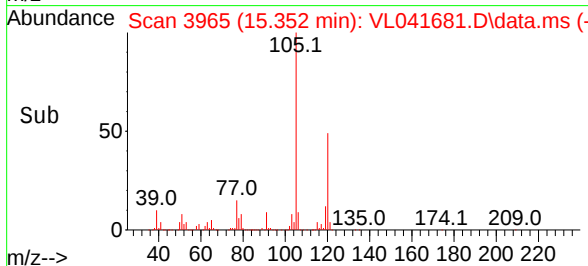
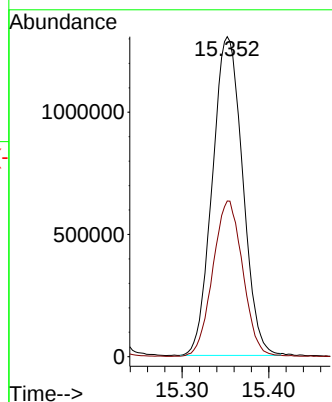
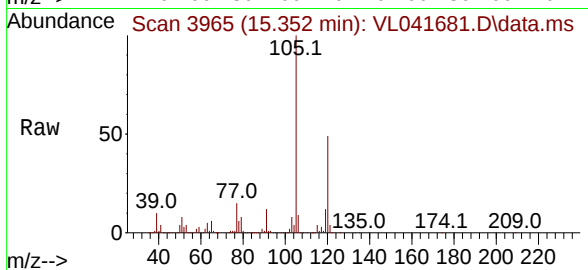
ClientSampleId :

Tgt Ion:105 Resp: 3164645

Ion Ratio Lower Upper

105 100

120 48.7 38.4 57.6



#74

1,2,4-Trimethylbenzene

Concen: 8.129 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion:105 Resp: 3509579

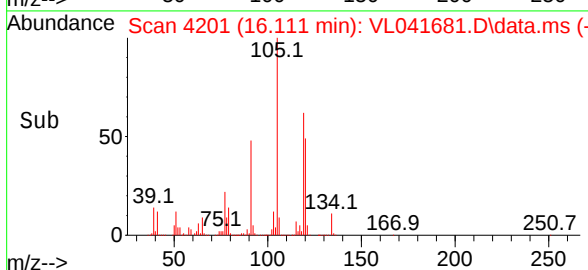
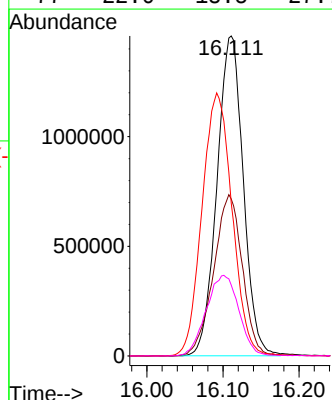
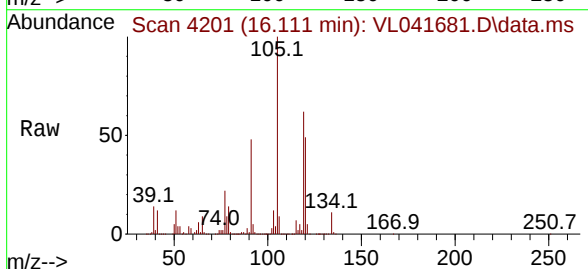
Ion Ratio Lower Upper

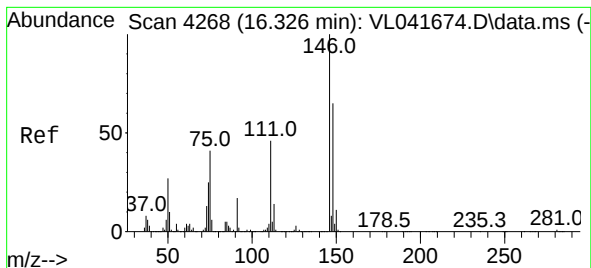
105 100

120 48.9 39.8 59.8

91 47.4 43.2 64.8

77 22.0 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 8.052 ppbv

RT: 16.333 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

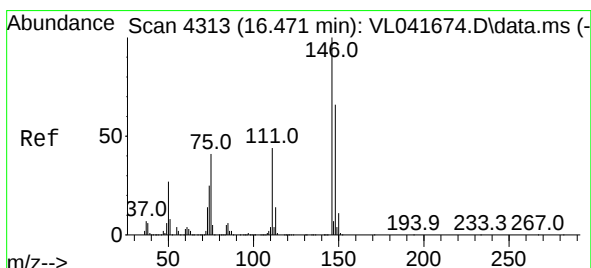
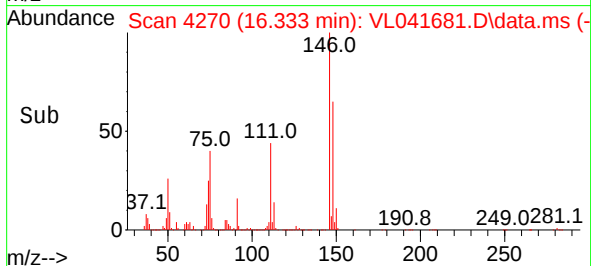
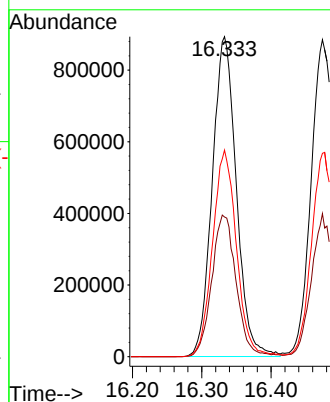
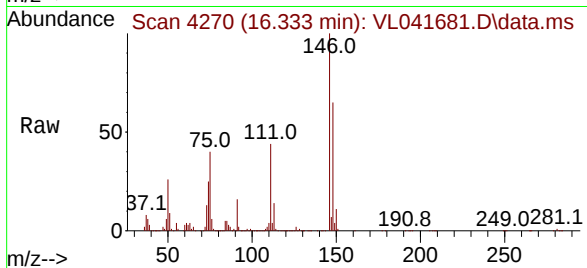
Tgt Ion:146 Resp: 2153016

Ion Ratio Lower Upper

146 100

111 45.1 22.8 68.3

148 64.3 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 8.093 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

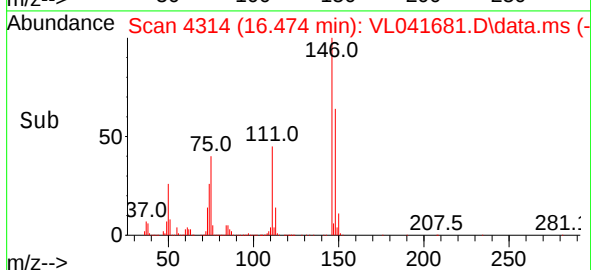
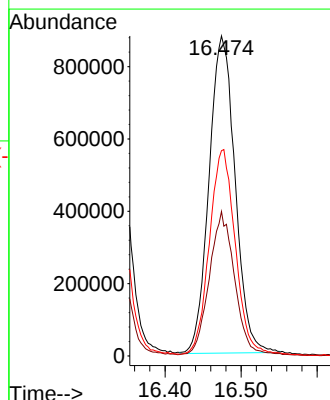
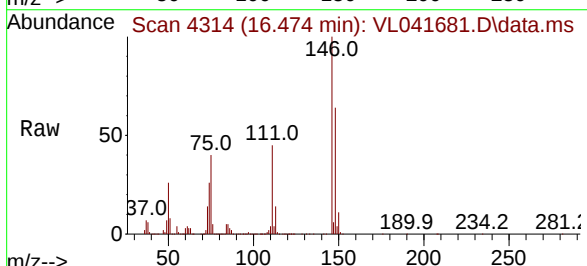
Tgt Ion:146 Resp: 2087766

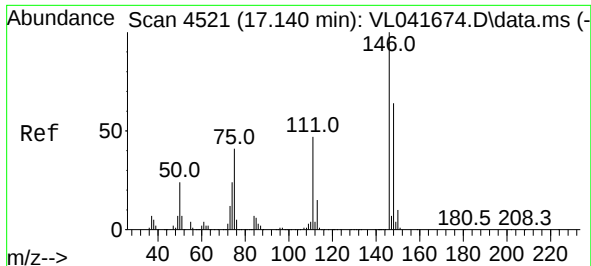
Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.3

148 65.8 33.3 99.8

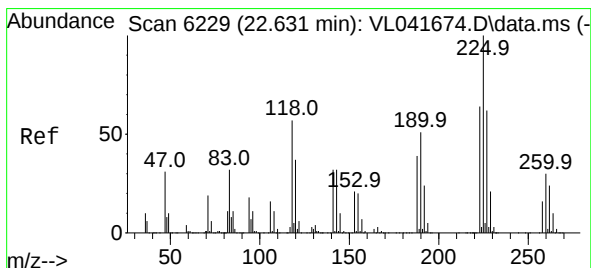
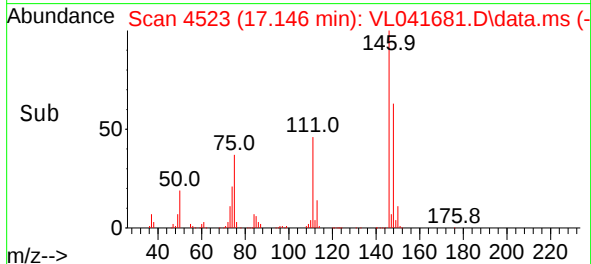
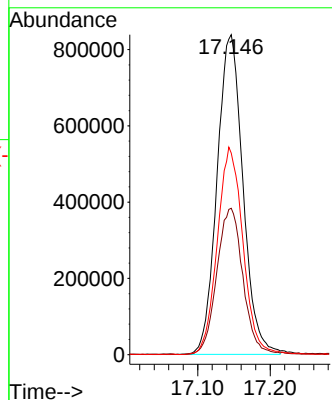
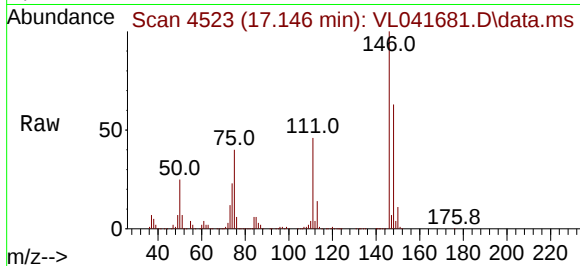




#77
1,2-Dichlorobenzene
Concen: 7.841 ppbv
RT: 17.146 min Scan# 4521
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

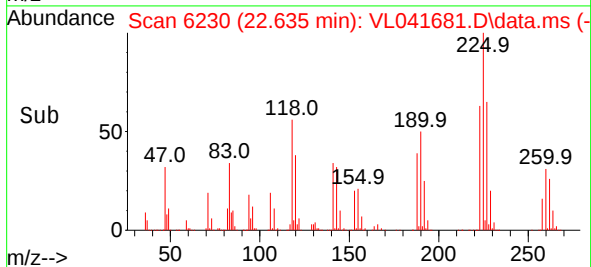
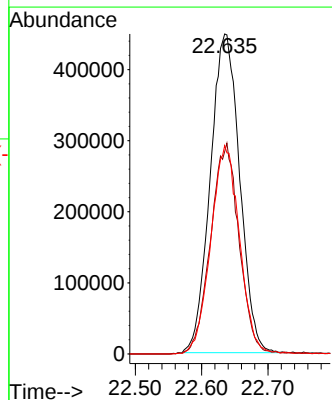
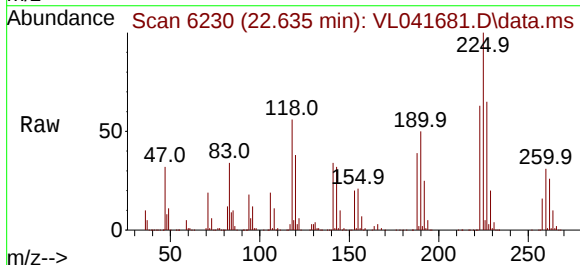
Instrument :
MSVOA_L
ClientSampleId :

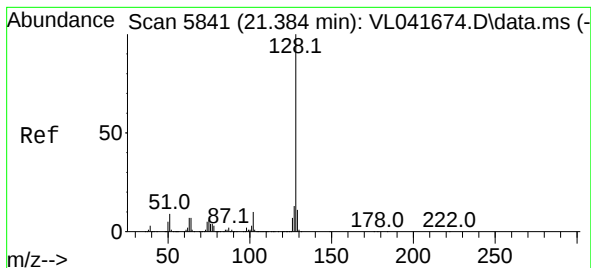
Tgt Ion:146 Resp: 2076942
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.3#
148 64.3 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 6.591 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:225 Resp: 1380777
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 64.3 51.3 76.9





#79

Naphthalene

Concen: 10.332 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

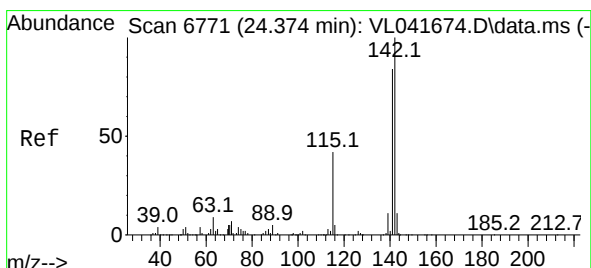
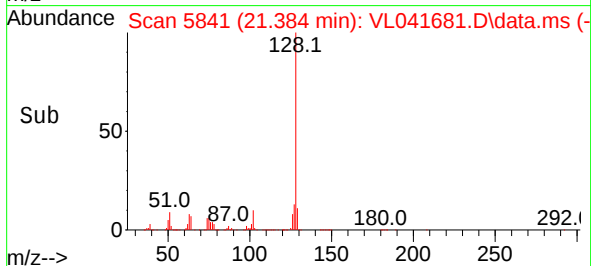
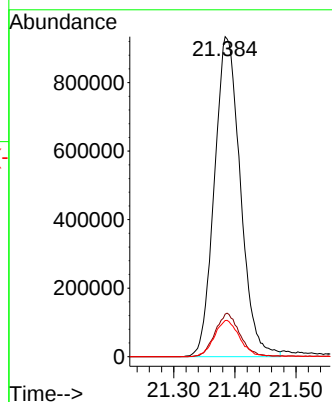
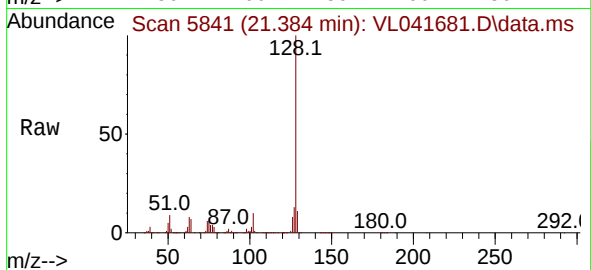
Tgt Ion:128 Resp: 2753473

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.3 8.7 13.1



#80

Naphthalene,2-methyl-

Concen: 10.026 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

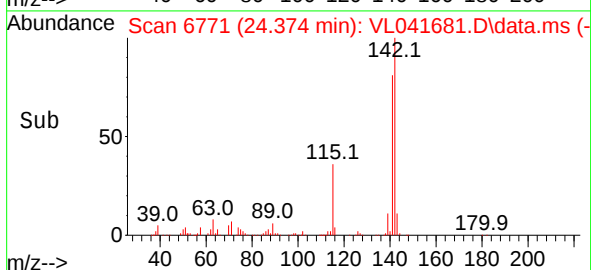
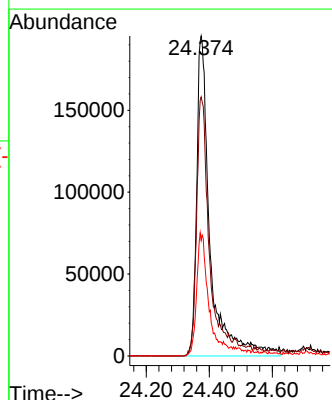
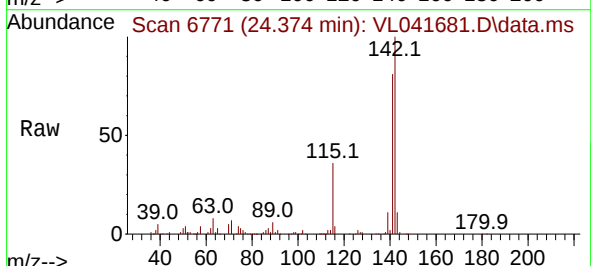
Tgt Ion:142 Resp: 582436

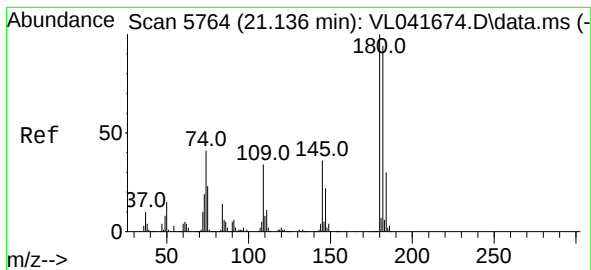
Ion Ratio Lower Upper

142 100

141 79.2 68.1 102.1

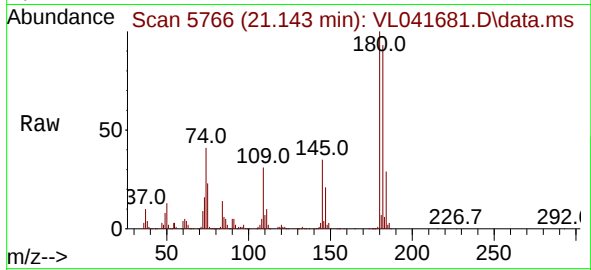
115 36.8 33.1 49.7





#81
 1,2,4-Trichlorobenzene
 Concen: 8.436 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1413820

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.2	117.2
184	31.2	25.0	37.4

