

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 :
 ICSVVL110724

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

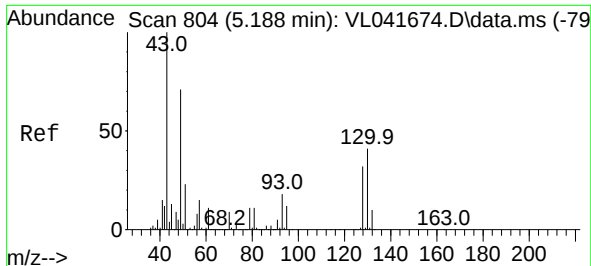
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041681.D
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Instrument :
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 ICVVL110724

Quant Time: Nov 08 01:08:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 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

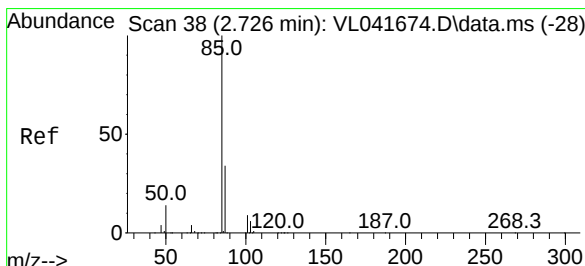
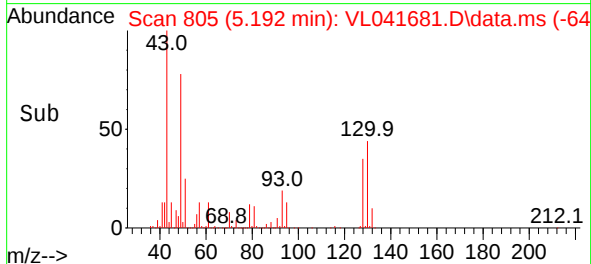
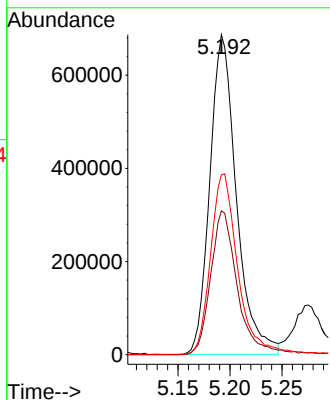
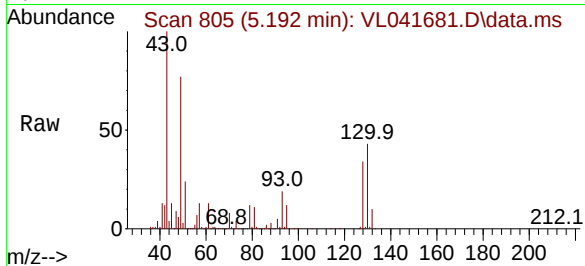
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

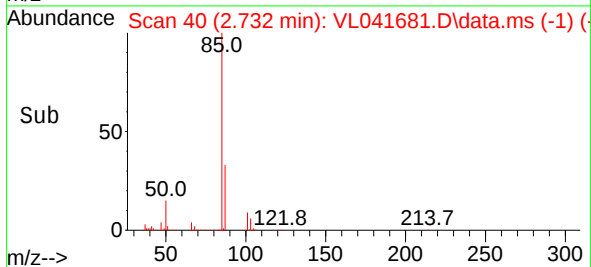
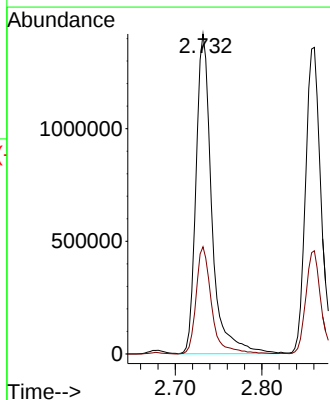
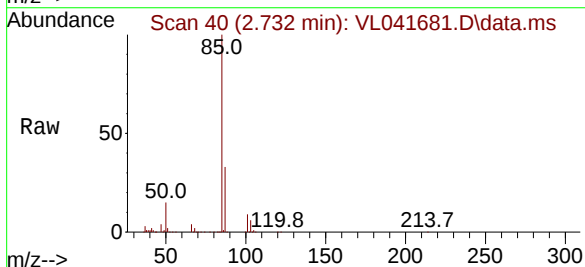
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

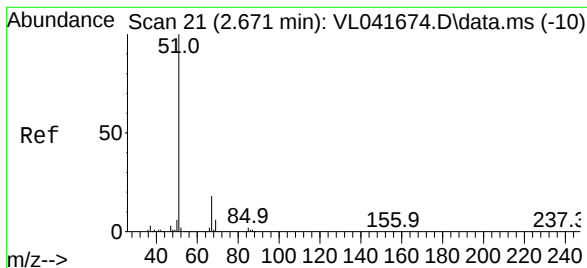
Tgt Ion: 49 Resp: 1219218
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.2
130 59.2 30.1 90.5



#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

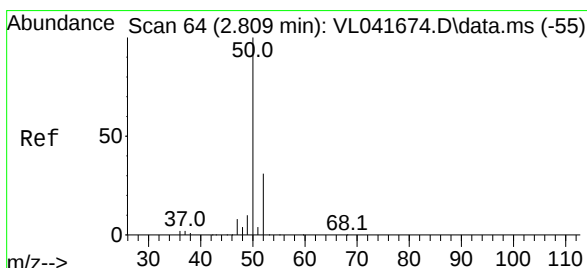
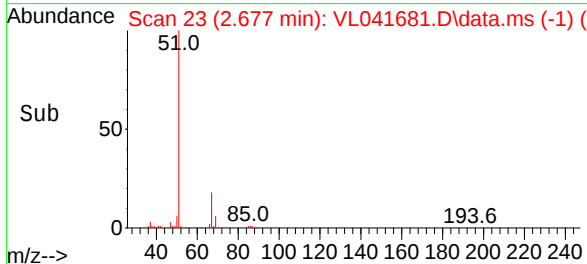
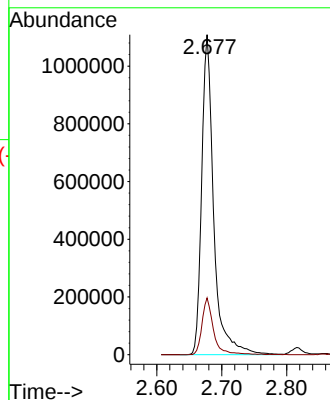
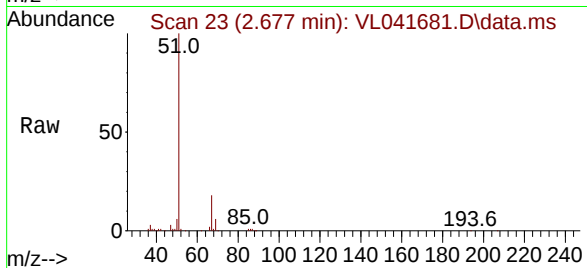




#3
Chlorodifluoromethane
Concen: 9.000 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

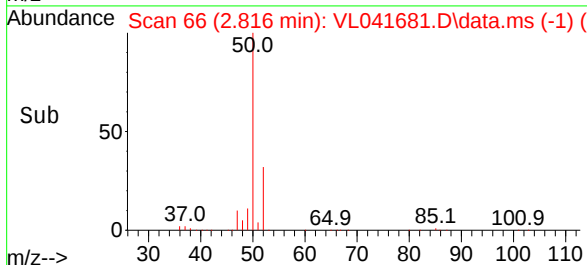
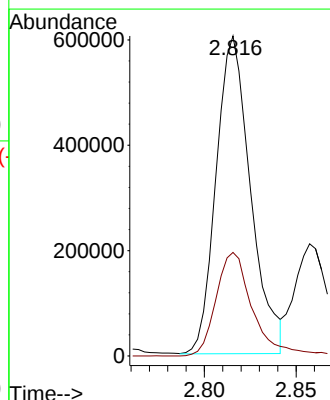
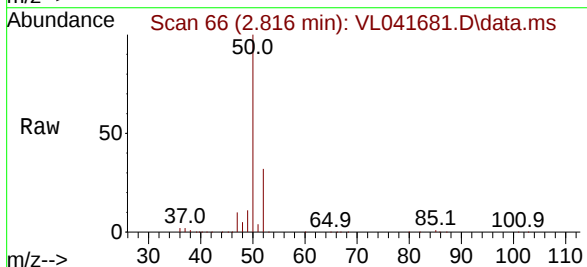
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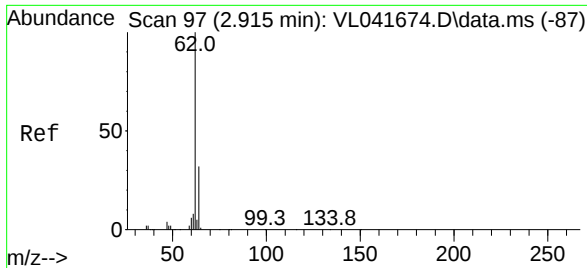
Tgt Ion: 51 Resp: 1429744
Ion Ratio Lower Upper
51 100
67 17.1 13.9 20.9



#4
Chloromethane
Concen: 9.359 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

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 :

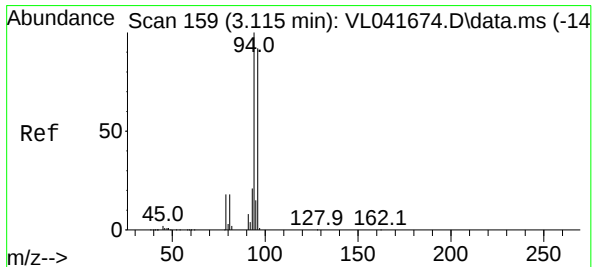
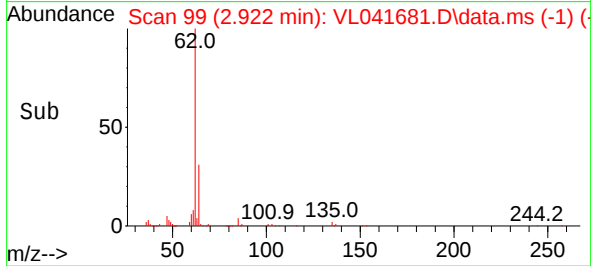
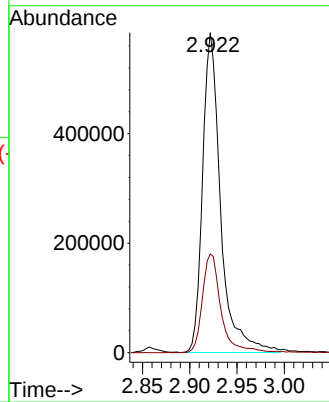
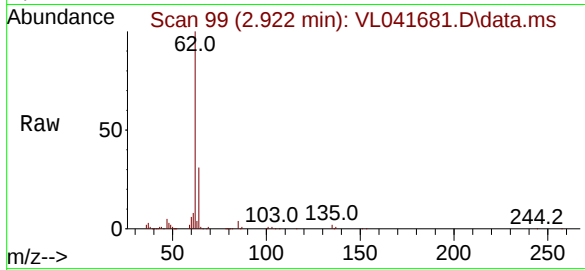
ICVVL110724

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

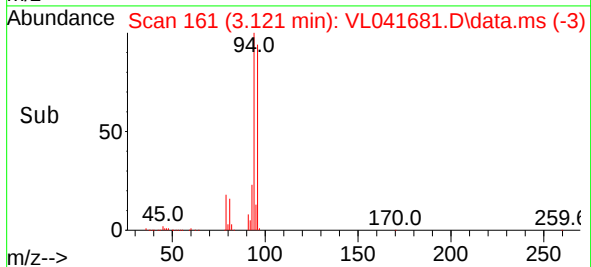
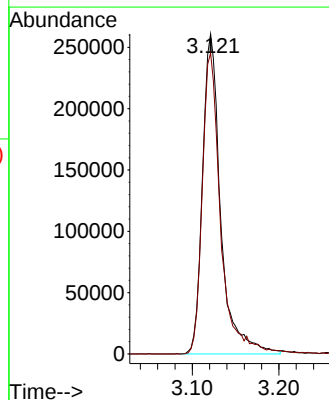
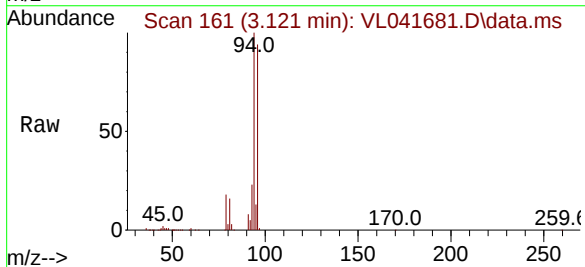
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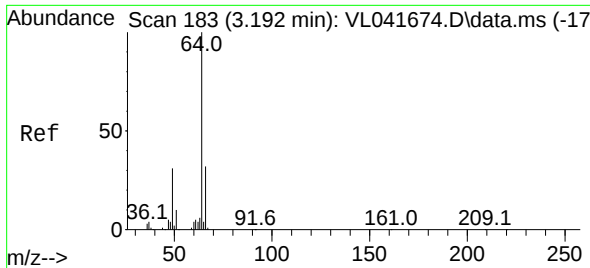
Tgt Ion: 94 Resp: 379427

Ion Ratio Lower Upper

94 100

96 94.1 73.4 110.2

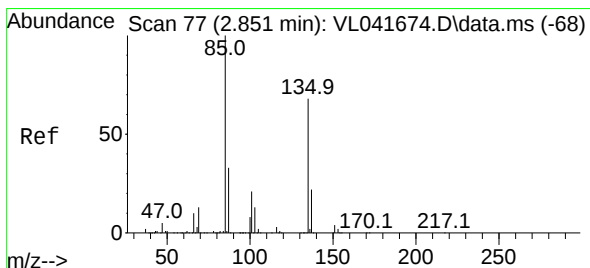
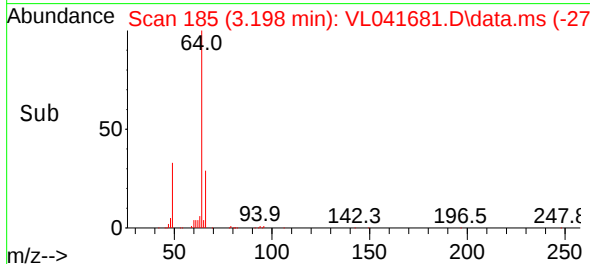
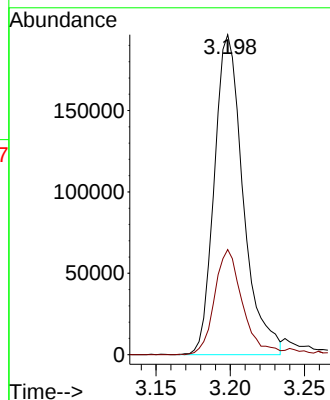
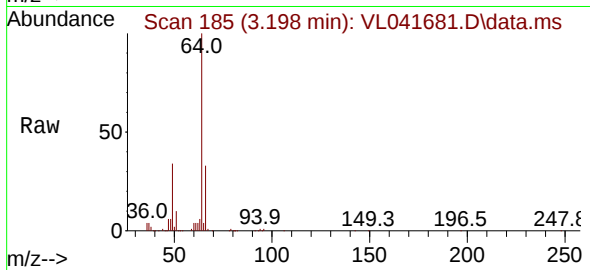




#7
Chloroethane
Concen: 9.626 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

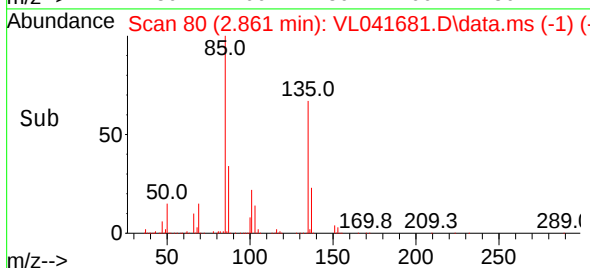
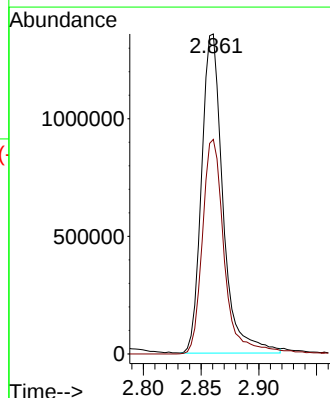
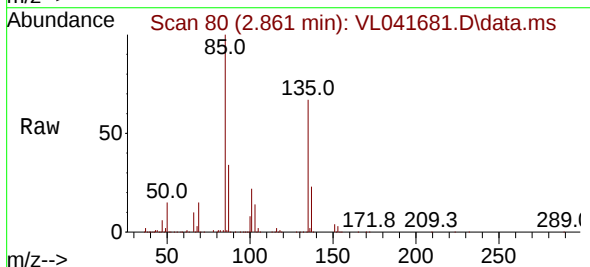
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ClientSampleId :
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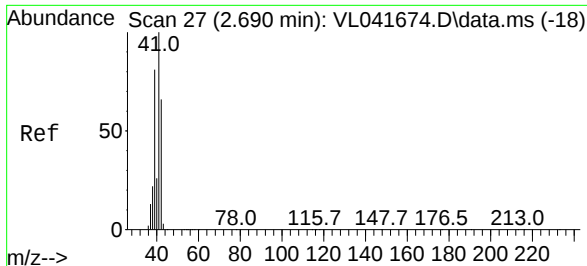
Tgt Ion: 64 Resp: 265929
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9



#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

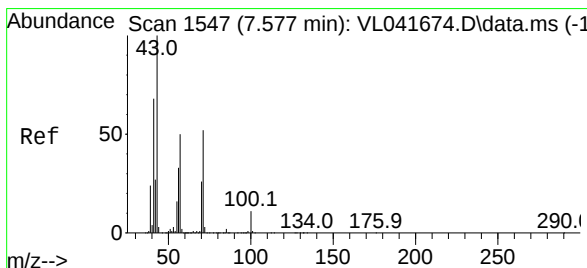
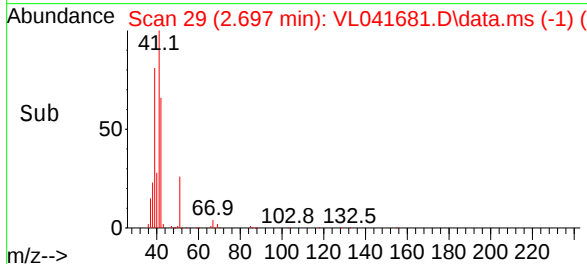
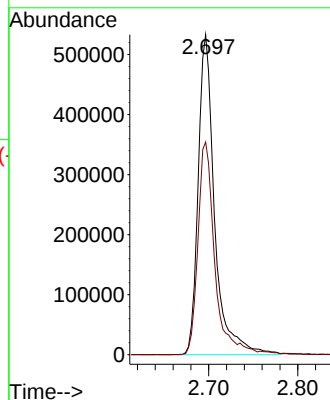
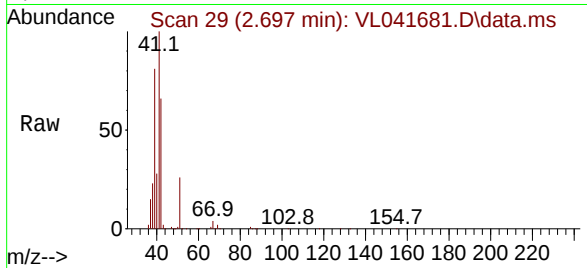




#9
Propene
Concen: 9.892 ppbv
RT: 2.697 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

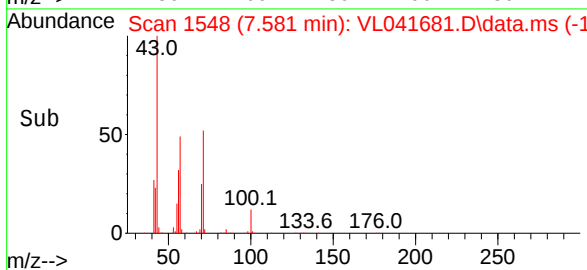
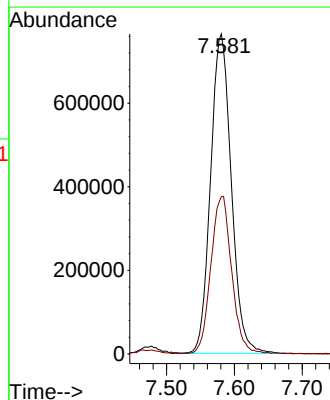
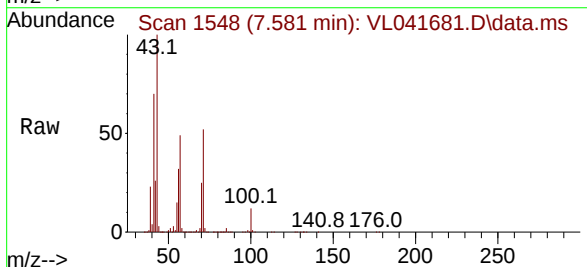
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

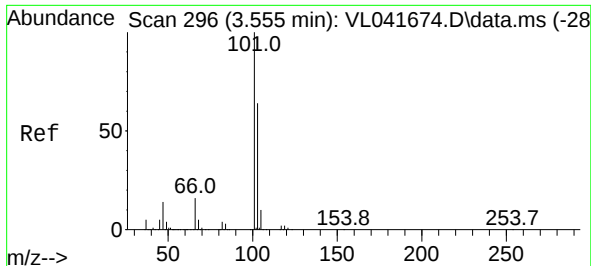
Tgt Ion: 41 Resp: 684685
Ion Ratio Lower Upper
41 100
42 68.9 55.0 82.4



#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

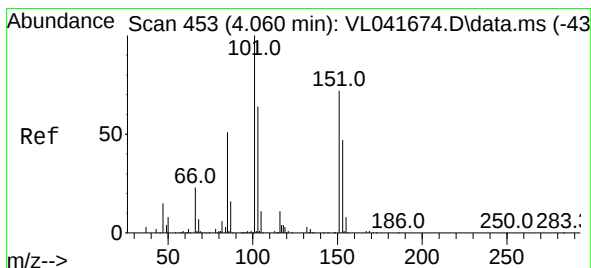
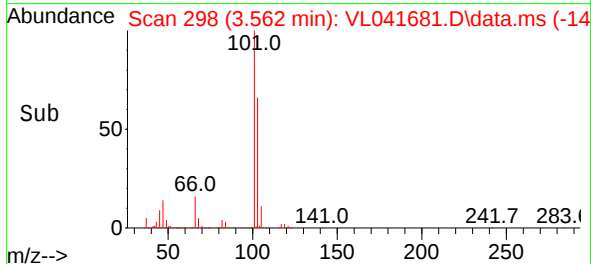
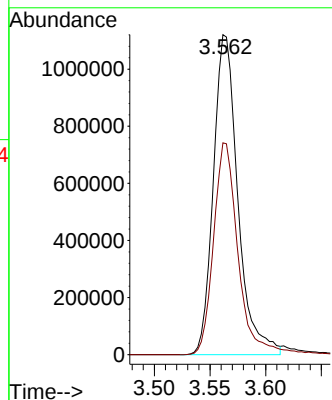
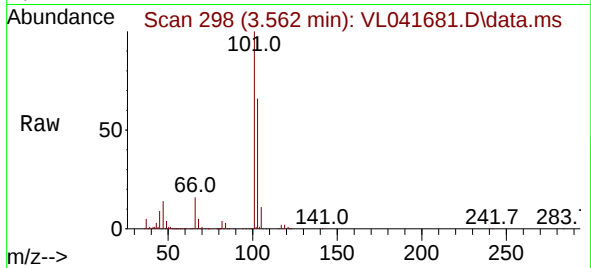




#11
Trichlorofluoromethane
Concen: 8.937 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

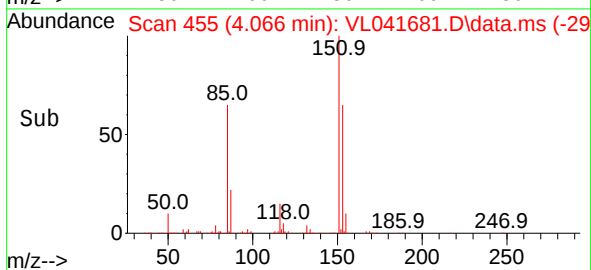
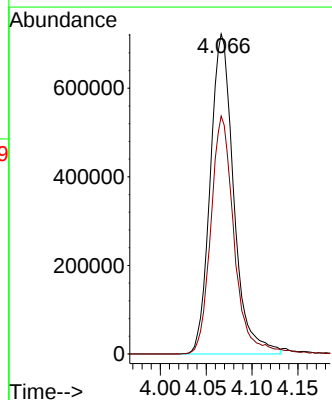
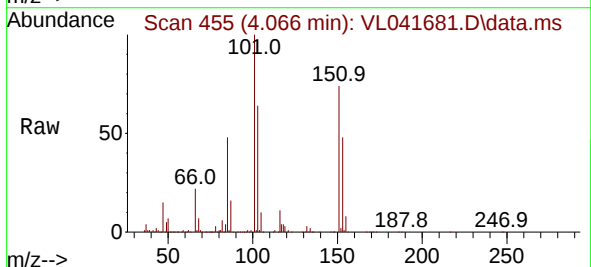
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

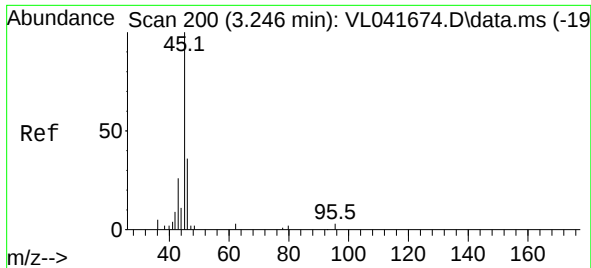
Tgt Ion:101 Resp: 1715400
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.6



#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

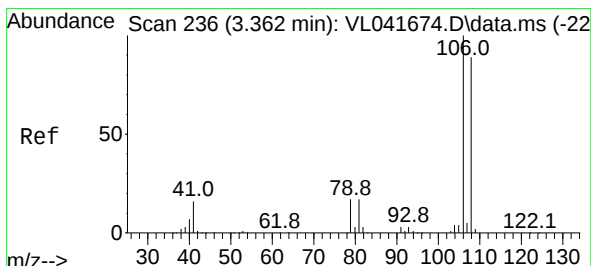
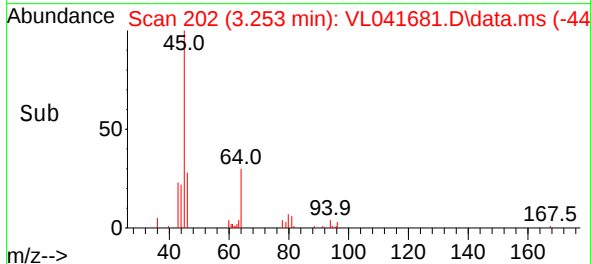
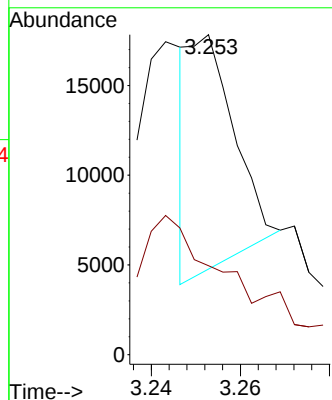
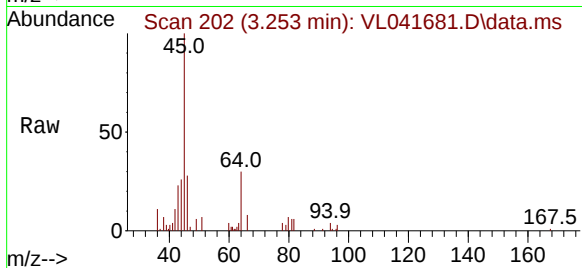




#13
 Ethanol
 Concen: 2.169 ppbv
 RT: 3.253 min Scan# 200
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

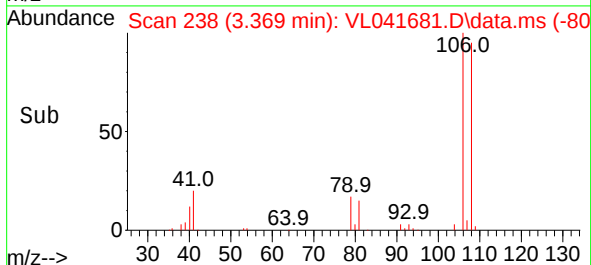
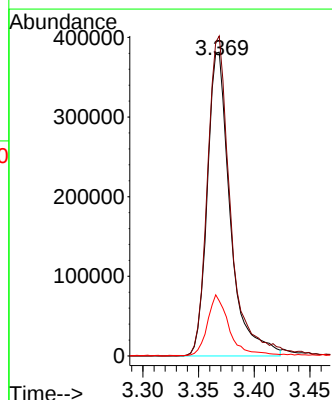
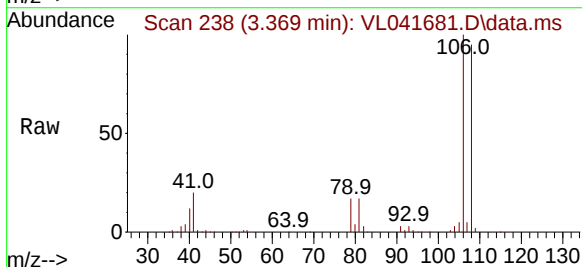
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110724

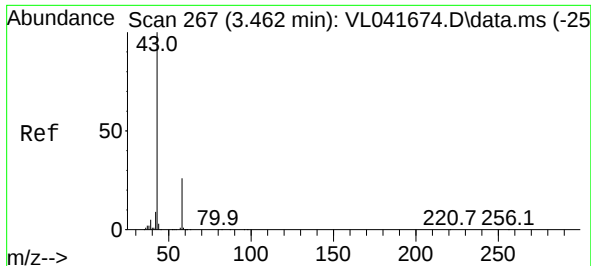
Tgt Ion: 45 Resp: 9194
 Ion Ratio Lower Upper
 45 100
 46 0.0 13.8 55.2#



#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

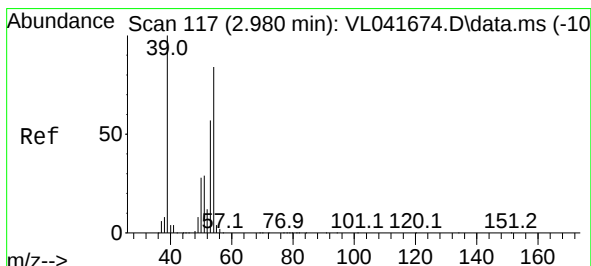
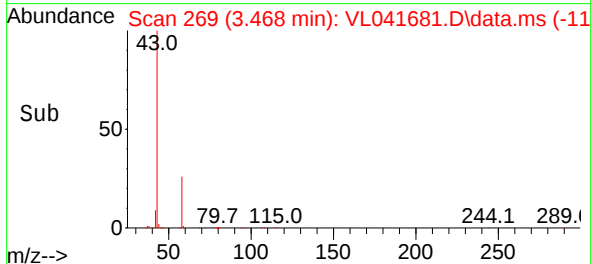
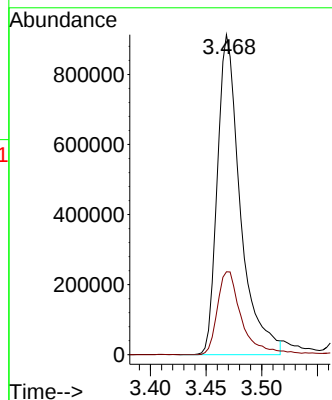
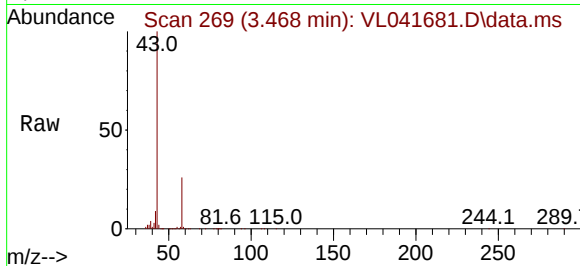




#15
Acetone
Concen: 8.715 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

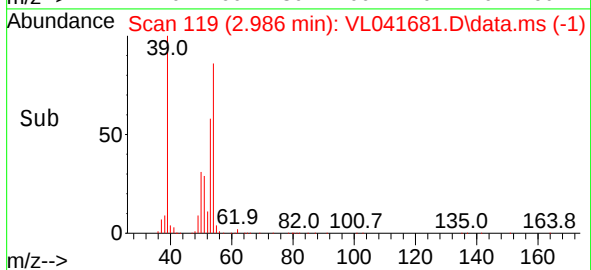
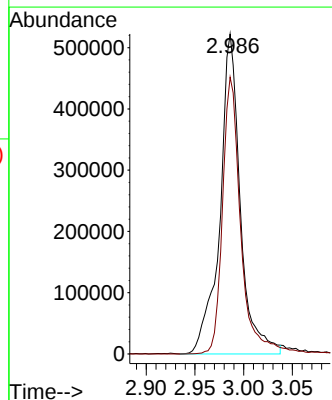
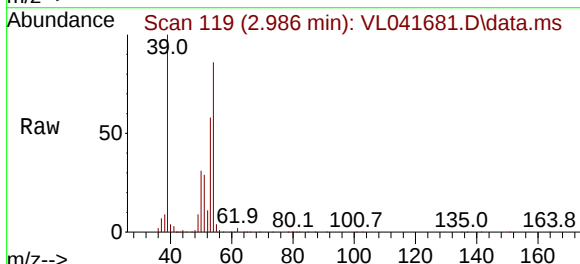
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

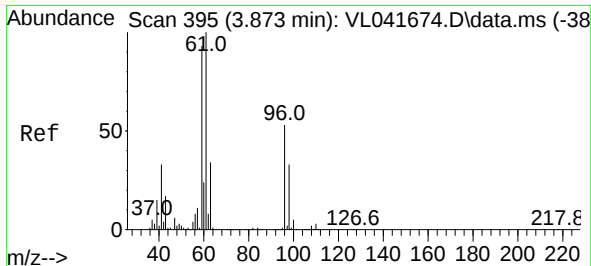
Tgt Ion: 43 Resp: 1307631
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.0



#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_1

ClientSampleId :

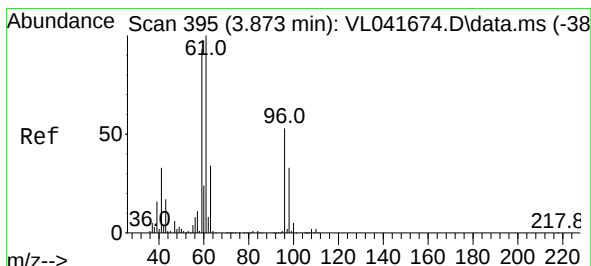
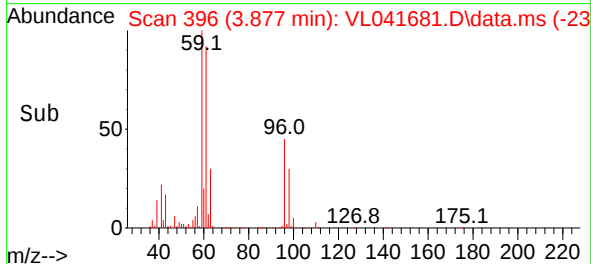
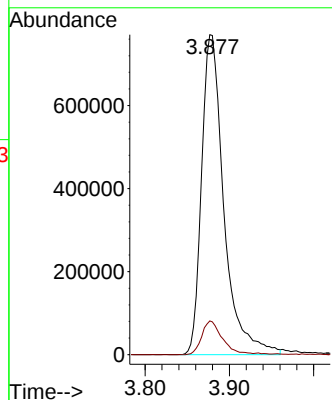
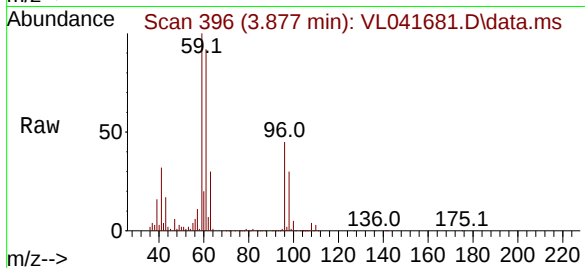
ICVVL110724

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

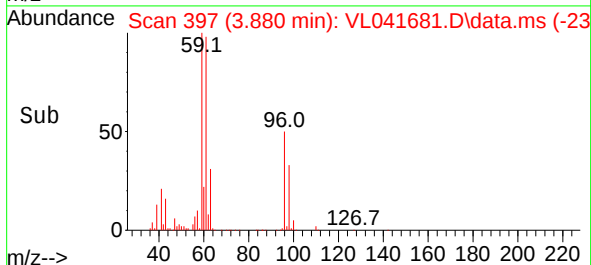
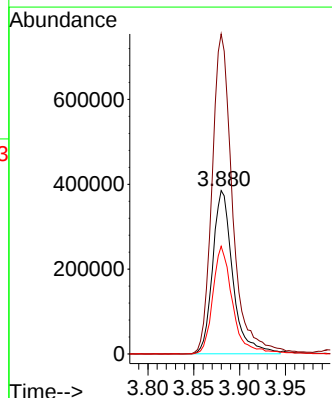
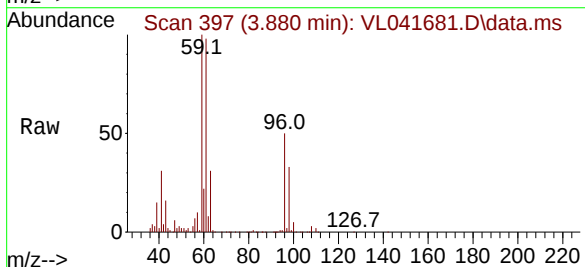
Tgt Ion: 96 Resp: 589373

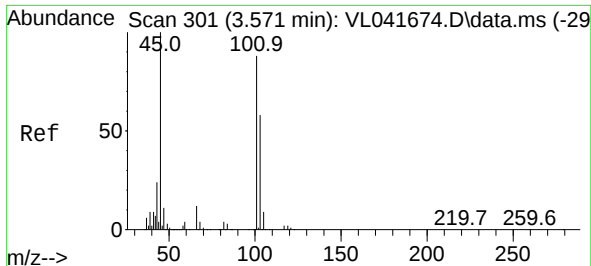
Ion Ratio Lower Upper

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 :

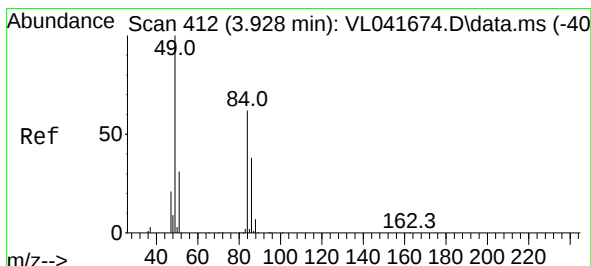
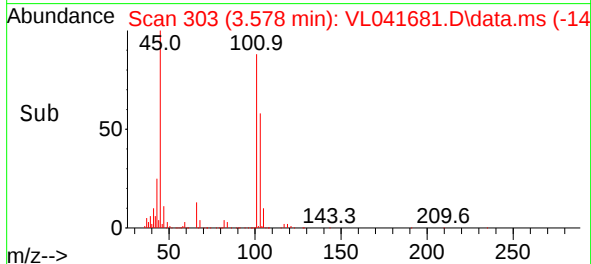
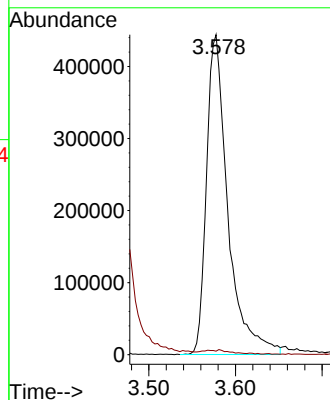
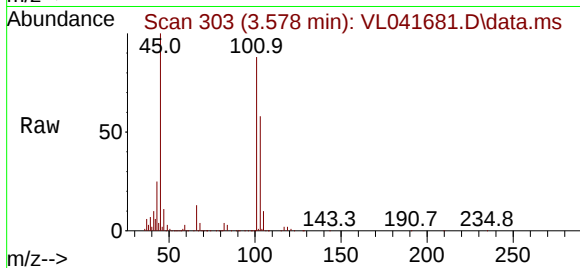
ICVVL110724

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

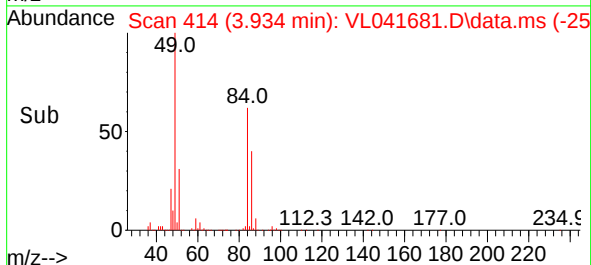
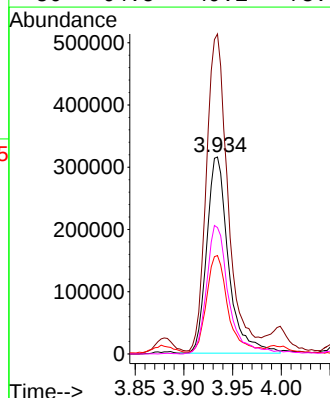
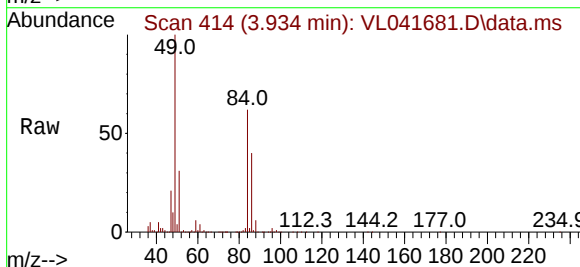
Ion Ratio Lower Upper

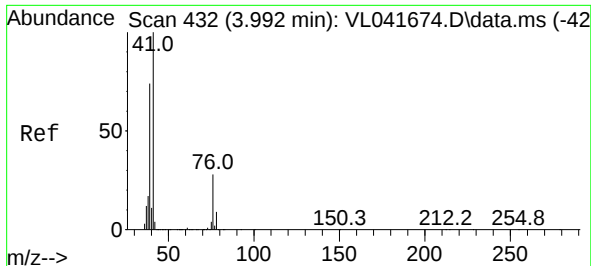
84 100

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 :

ICVVL110724

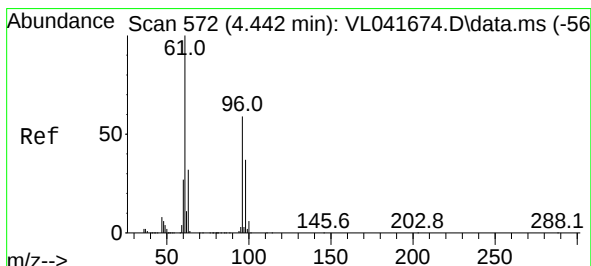
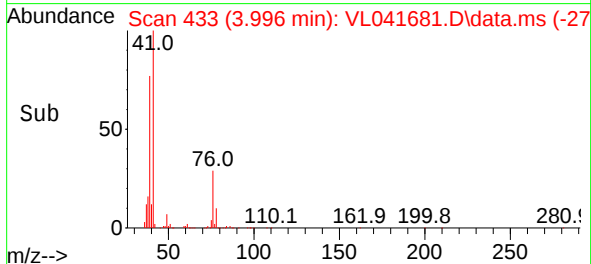
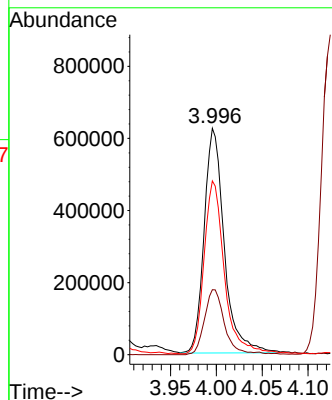
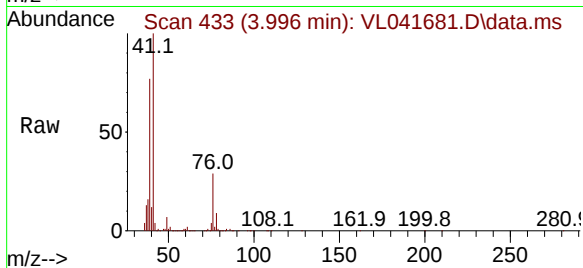
Tgt Ion: 41 Resp: 952403

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

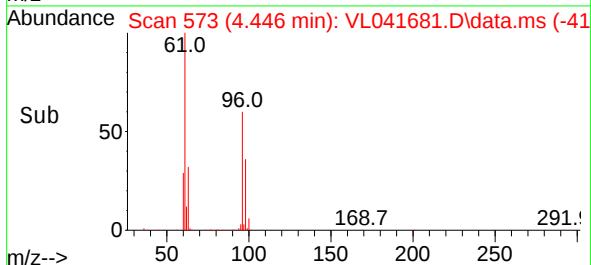
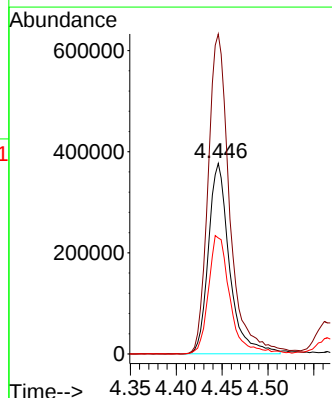
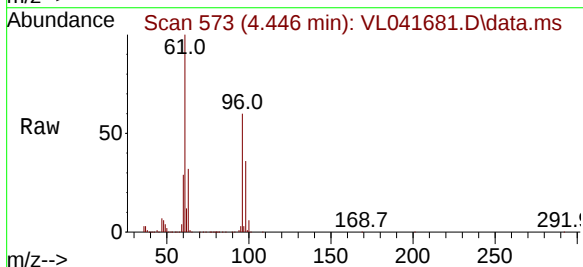
Tgt Ion: 96 Resp: 602606

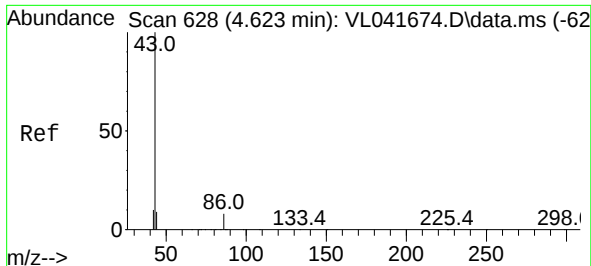
Ion Ratio Lower Upper

96 100

61 167.9 134.5 201.7

98 60.9 49.6 74.4

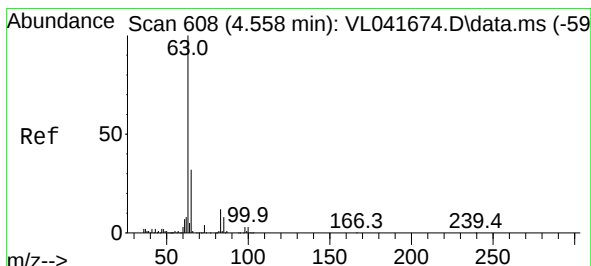
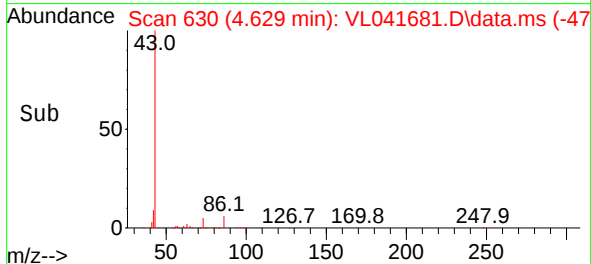
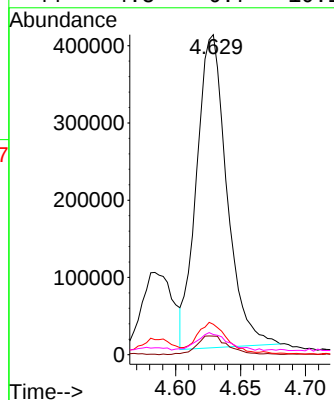
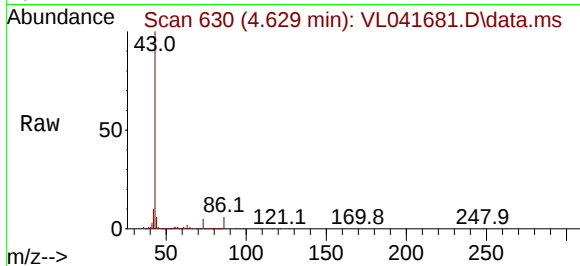




#23
Vinyl Acetate
Concen: 9.976 ppbv
RT: 4.629 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

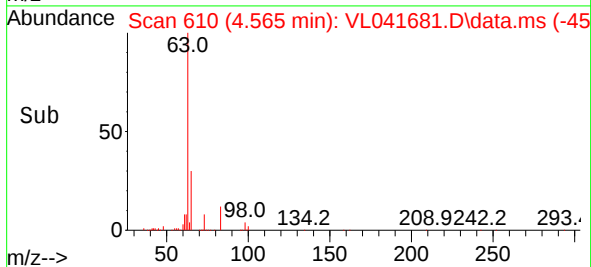
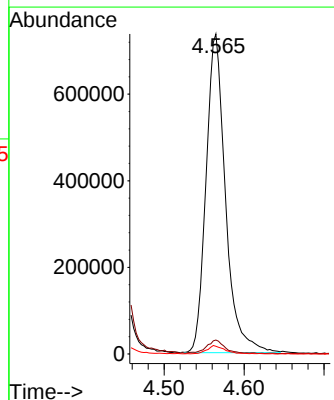
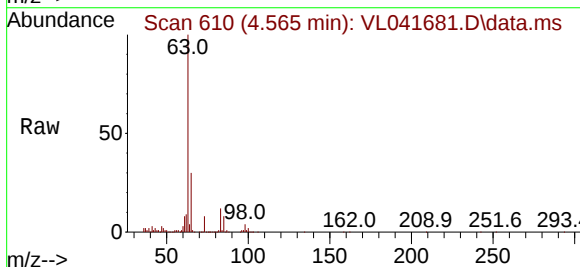
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110724

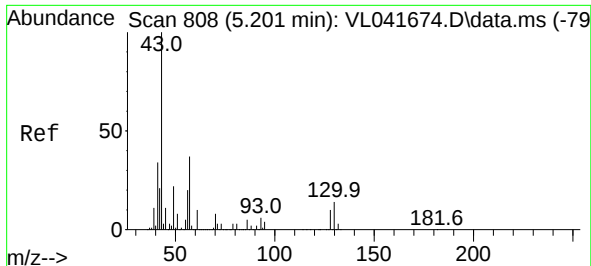
Tgt Ion: 43 Resp: 659846
Ion Ratio Lower Upper
43 100
86 5.9 5.3 7.9
42 9.3 8.5 12.7
44 4.8 6.7 10.1#



#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# 80

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion: 43 Resp: 3059483

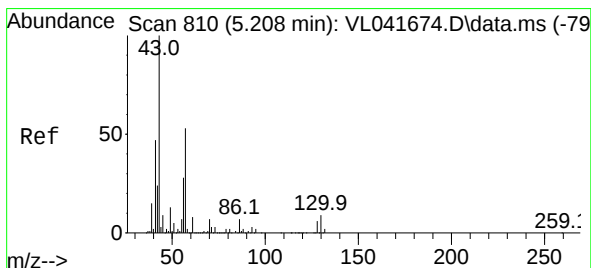
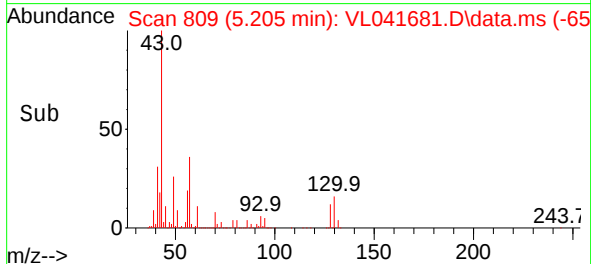
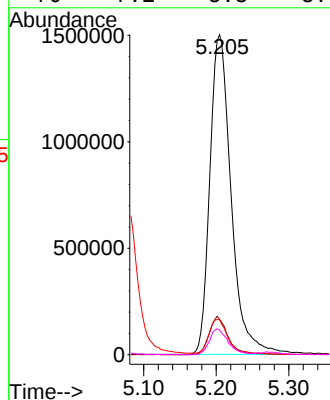
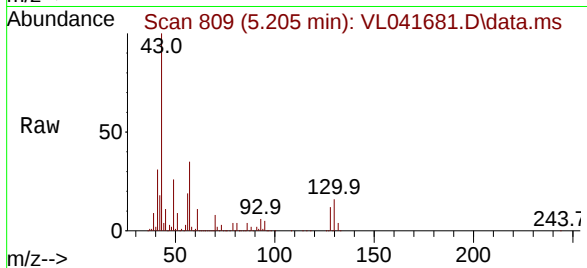
Ion Ratio Lower Upper

43 100

45 10.7 8.6 13.0

61 10.6 8.4 12.6

70 7.1 5.8 8.6



#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

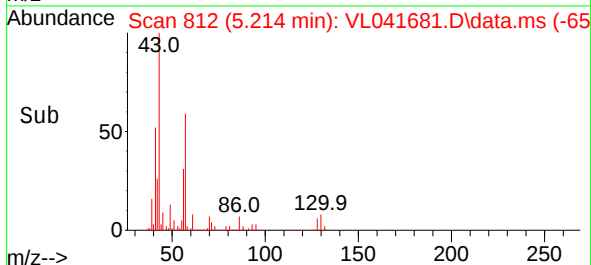
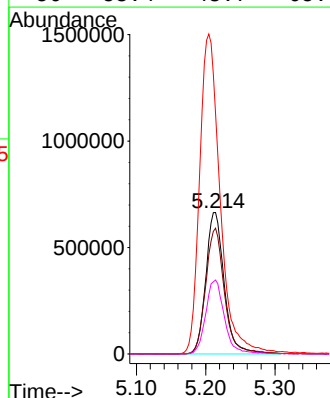
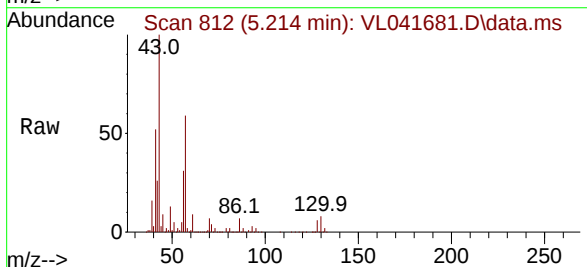
Ion Ratio Lower Upper

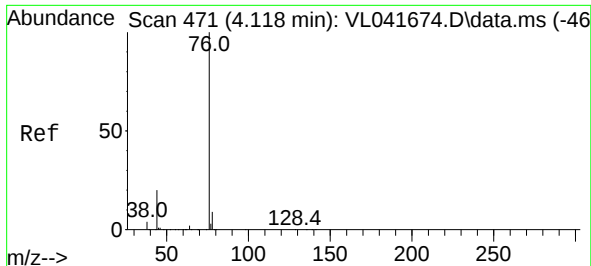
57 100

41 91.4 76.1 114.1

43 252.9 207.0 310.6

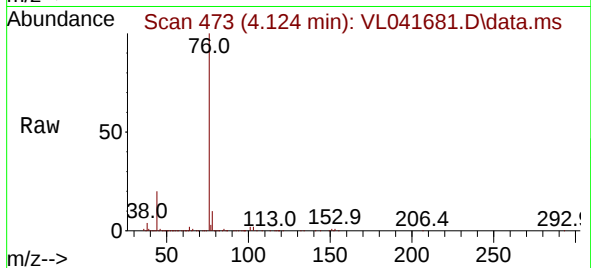
56 53.4 43.7 65.5



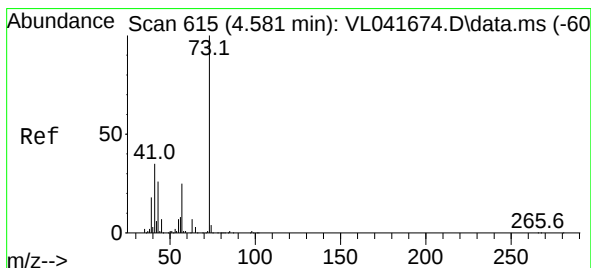
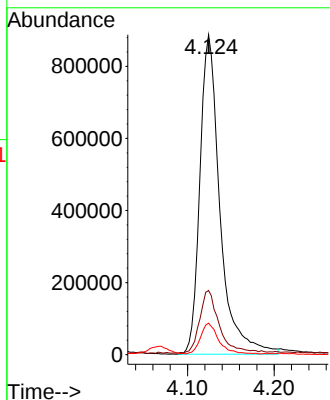
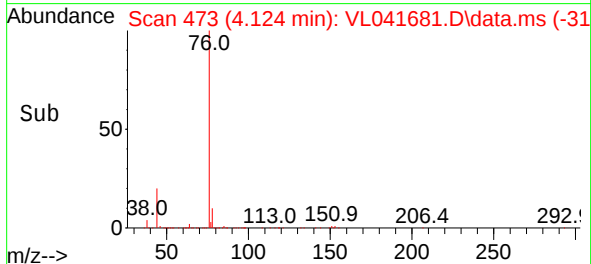


#27
Carbon Disulfide
Concen: 10.648 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

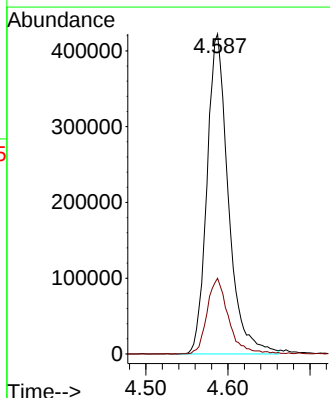
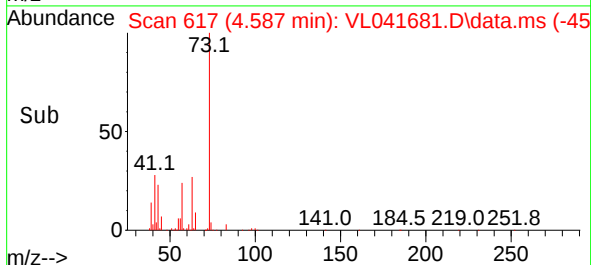
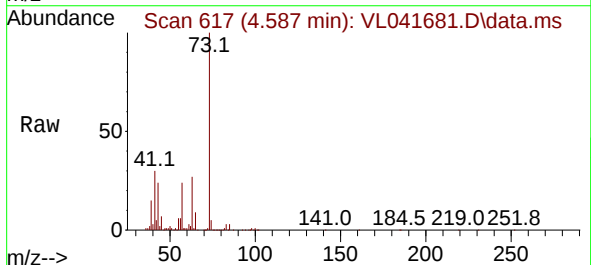


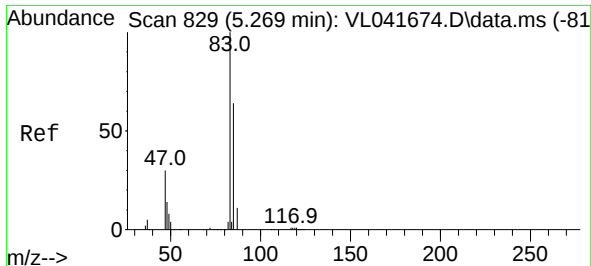
Tgt Ion: 76 Resp: 1427544
Ion Ratio Lower Upper
76 100
44 20.5 15.8 23.8
78 10.0 7.5 11.3



#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 :

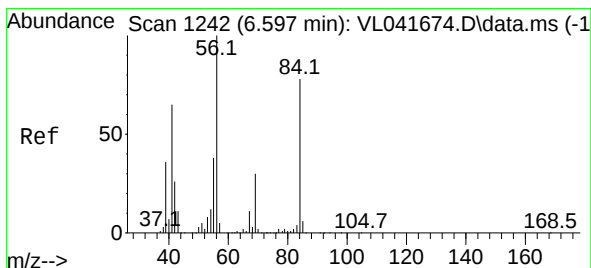
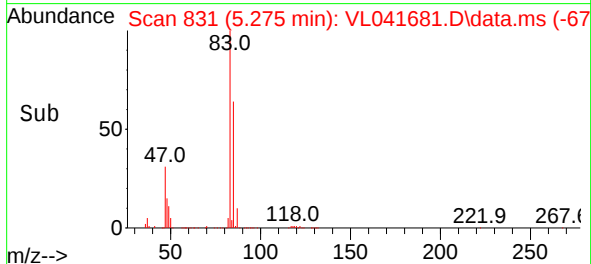
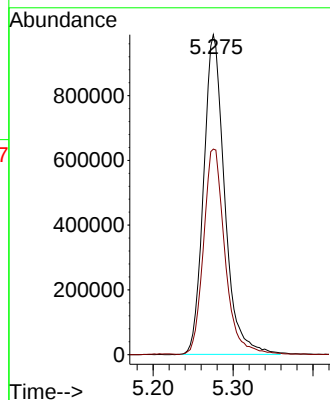
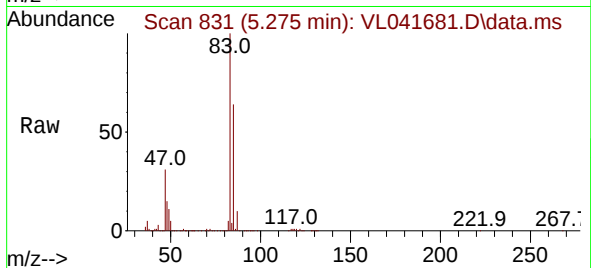
ICVVL110724

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

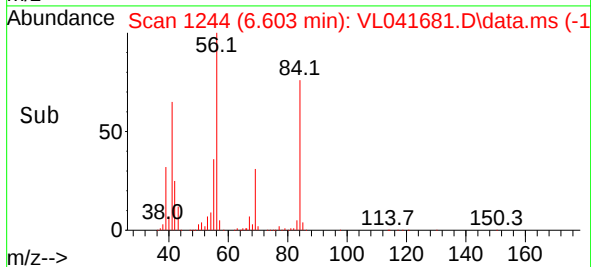
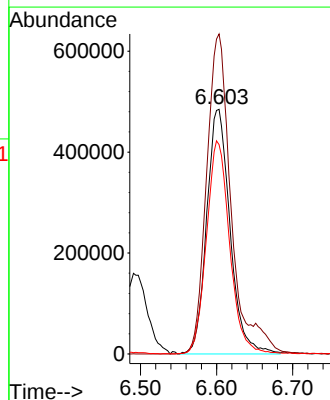
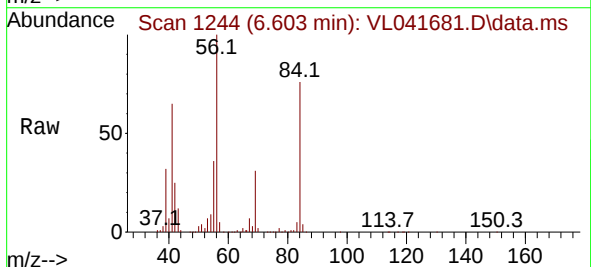
Tgt Ion: 84 Resp: 1036810

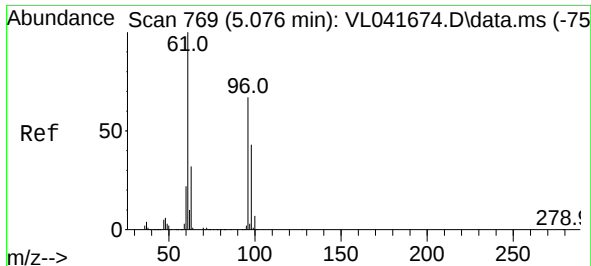
Ion Ratio Lower Upper

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# 7

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

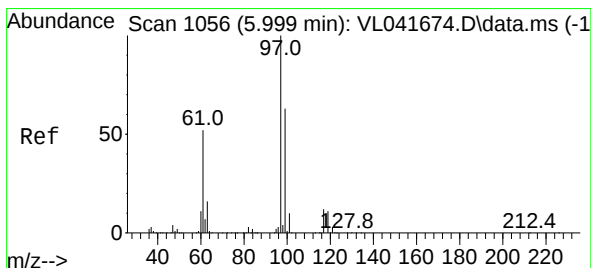
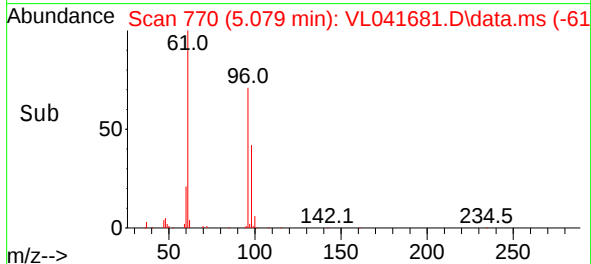
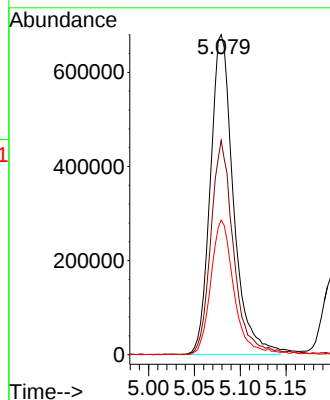
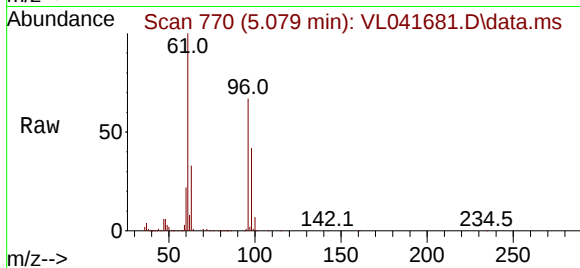
Tgt Ion: 61 Resp: 1190854

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

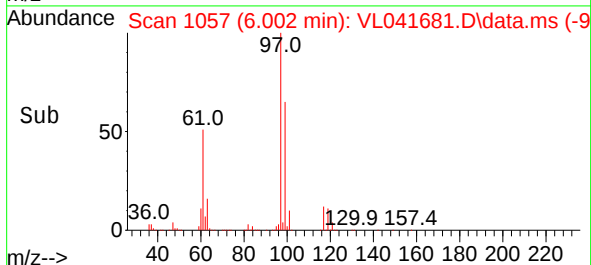
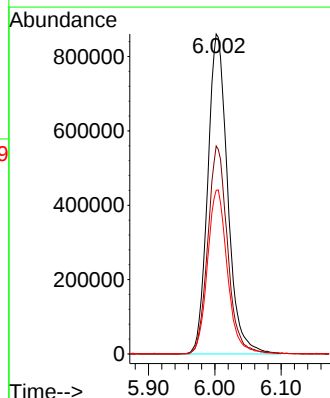
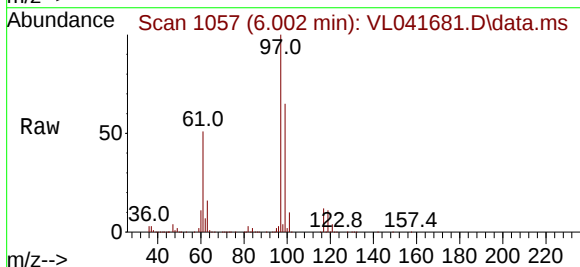
Tgt Ion: 97 Resp: 1797279

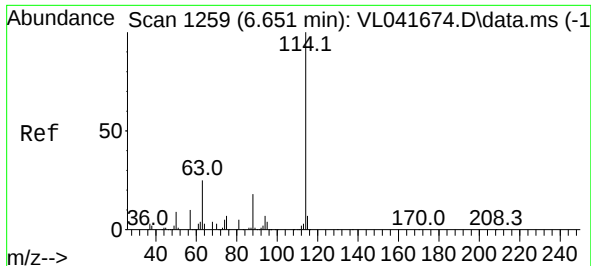
Ion Ratio Lower Upper

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 :

ICVVL110724

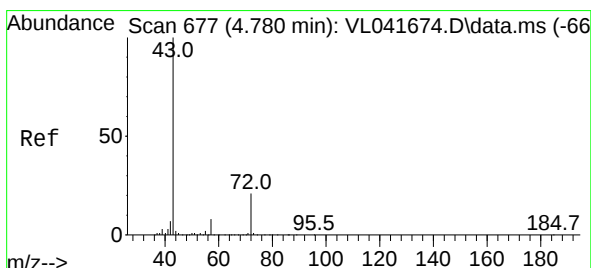
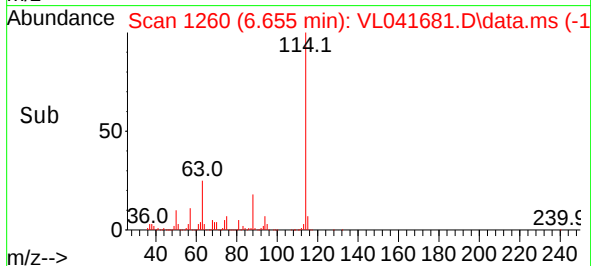
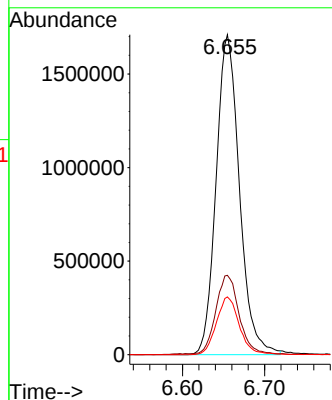
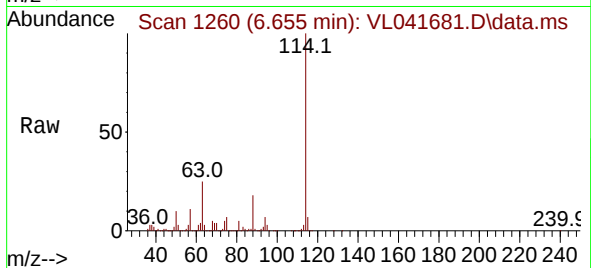
Tgt Ion:114 Resp: 3384840

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

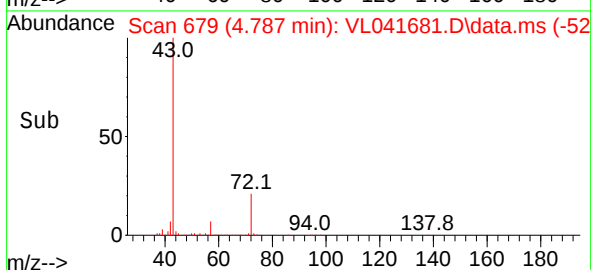
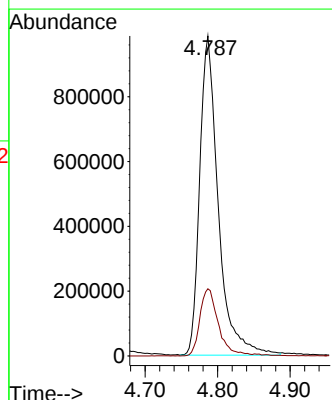
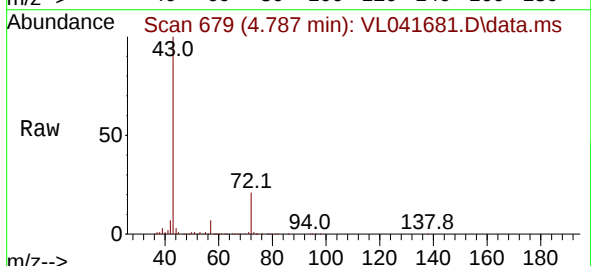
Acq: 7 Nov 2024 14:51

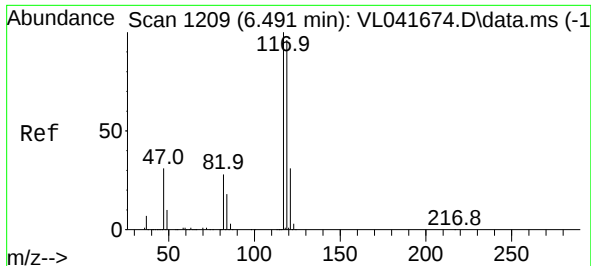
Tgt Ion: 43 Resp: 1751089

Ion Ratio Lower Upper

43 100

72 21.6 17.4 26.0

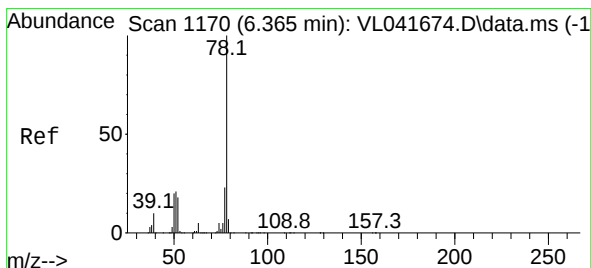
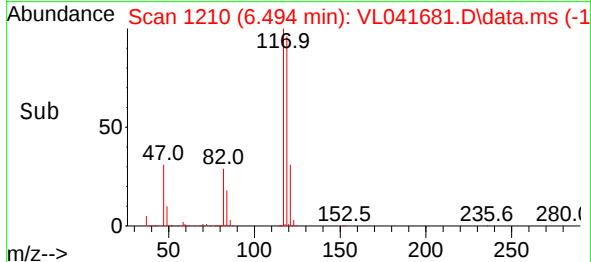
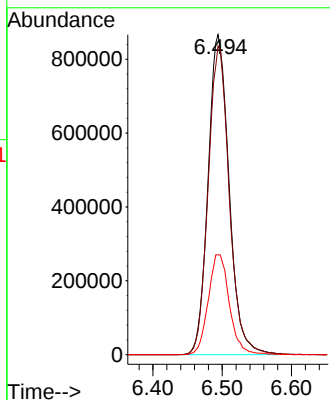
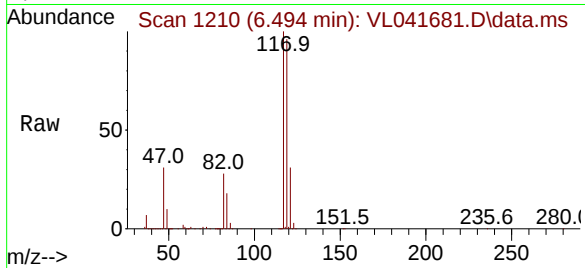




#35
Carbon Tetrachloride
Concen: 10.244 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

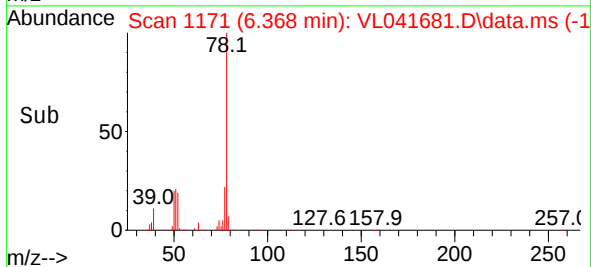
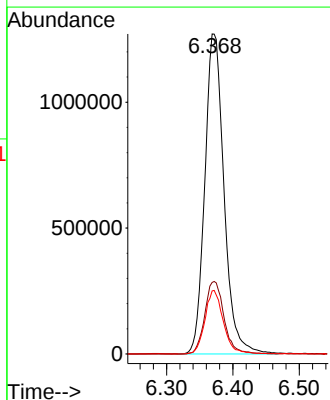
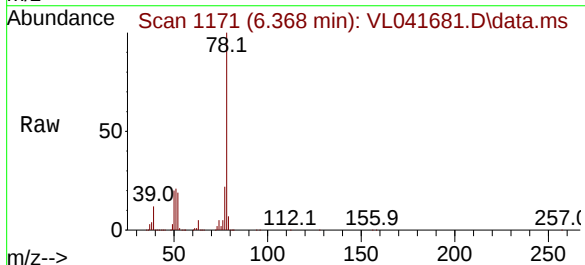
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110724

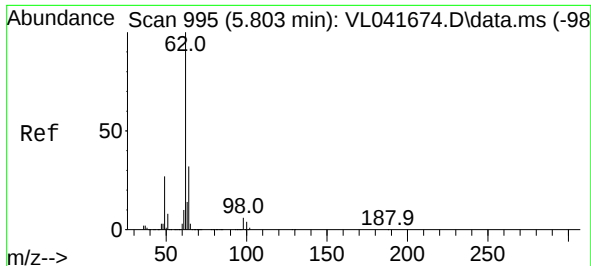
Tgt Ion:117 Resp: 1829420
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 31.2 25.0 37.4



#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 :

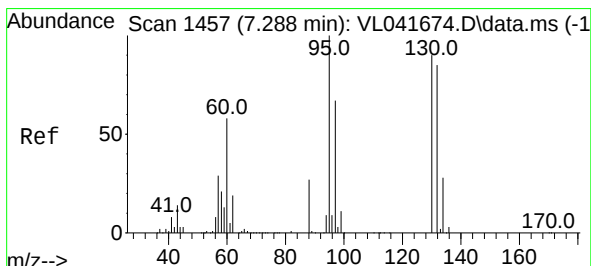
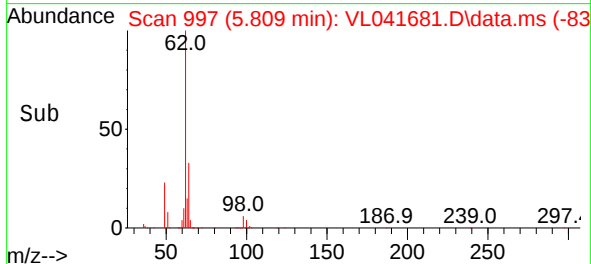
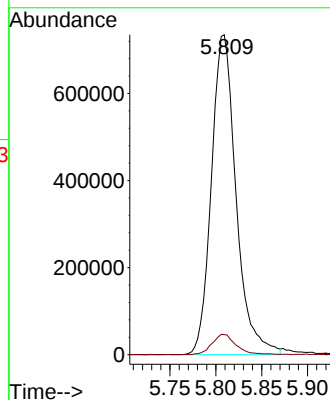
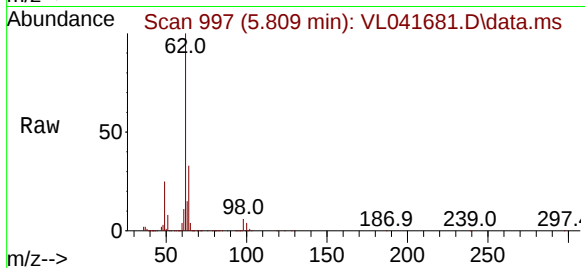
ICVVL110724

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

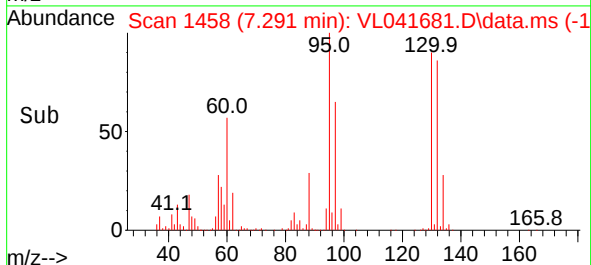
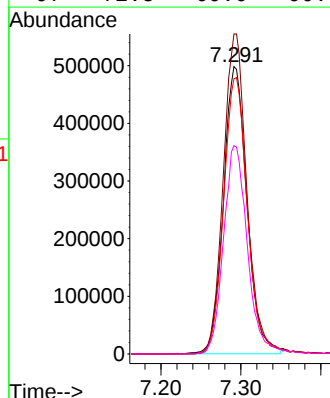
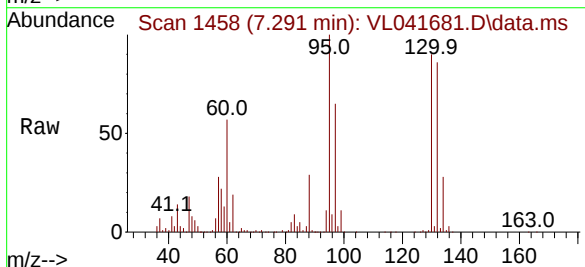
Ion Ratio Lower Upper

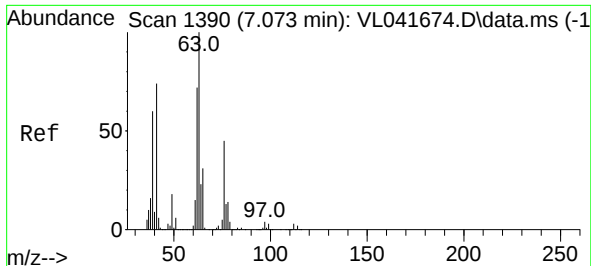
130 100

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 :

ICVVL110724

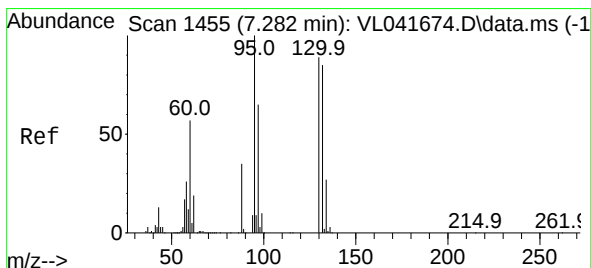
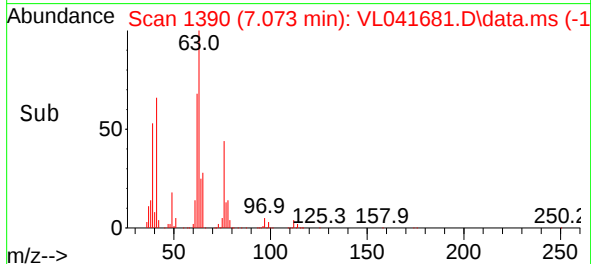
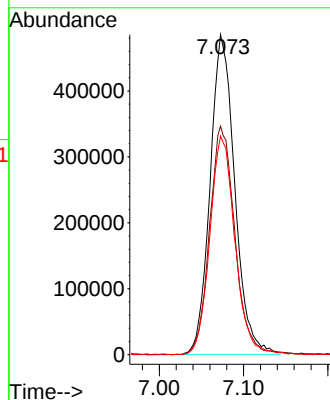
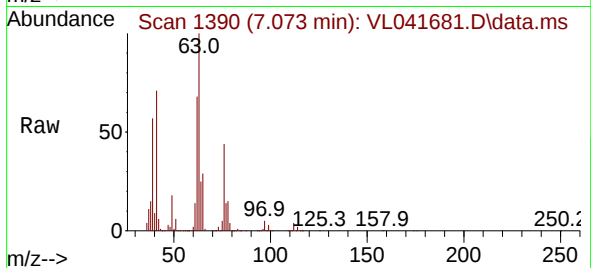
Tgt Ion: 63 Resp: 983477

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

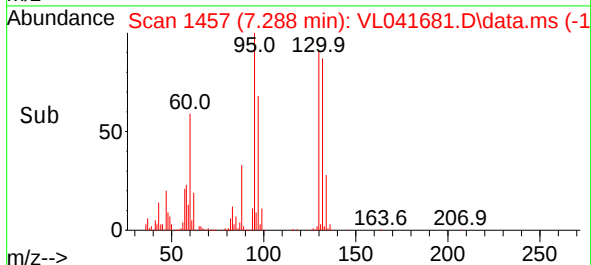
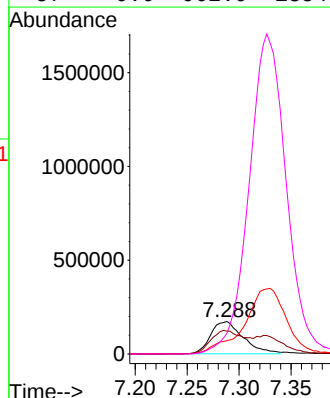
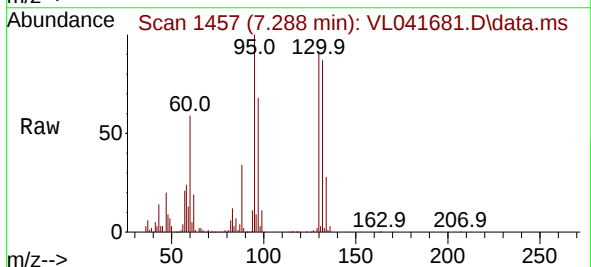
Ion Ratio Lower Upper

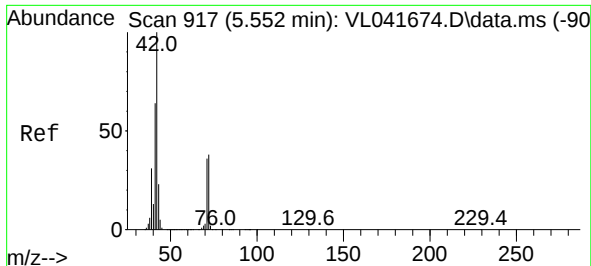
88 100

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 :

ICVVL110724

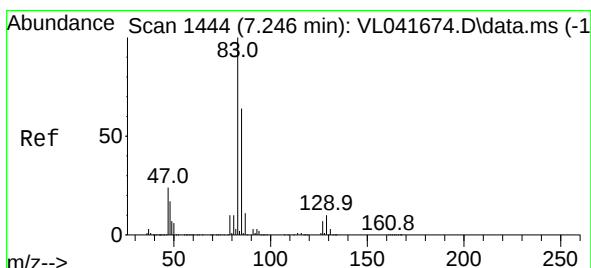
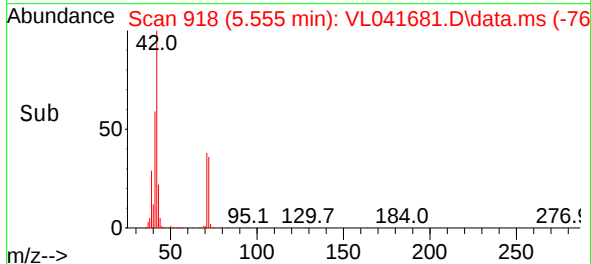
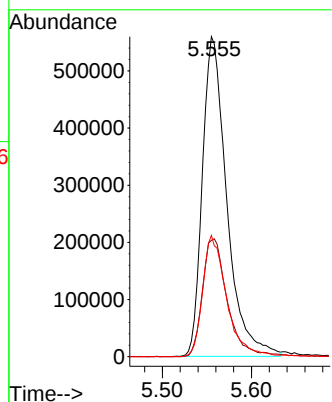
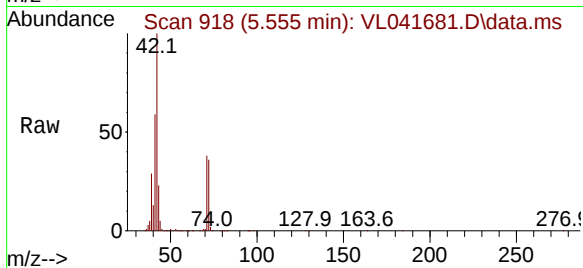
Tgt Ion: 42 Resp: 1065202

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

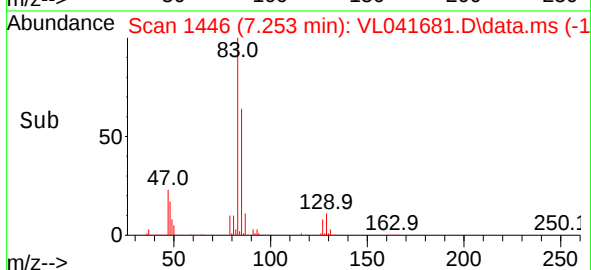
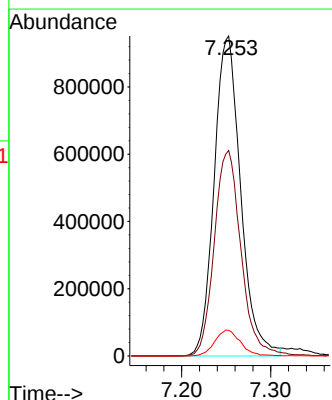
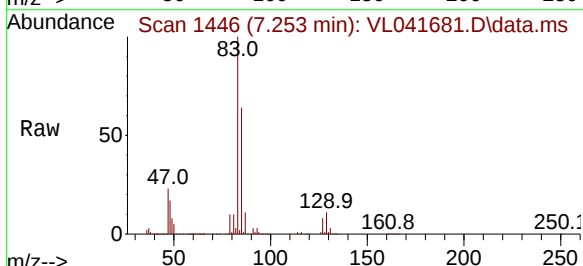
Tgt Ion: 83 Resp: 1966589

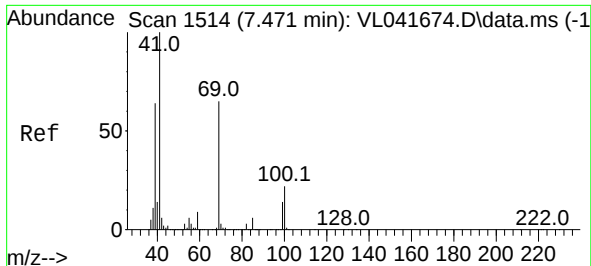
Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

127 8.0 6.0 9.0

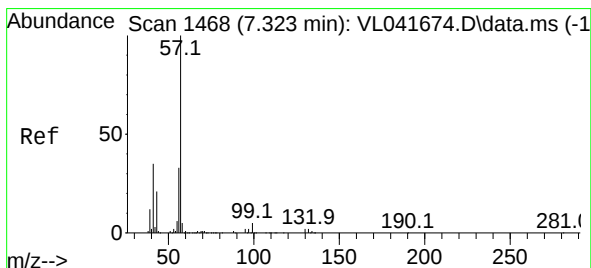
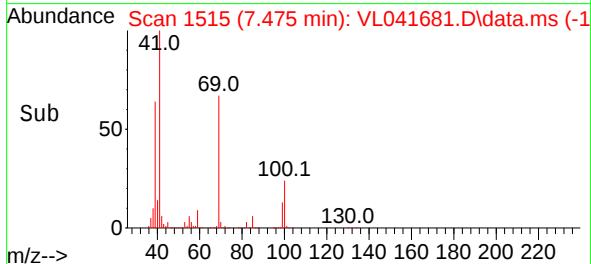
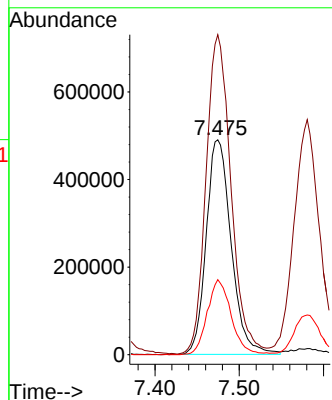
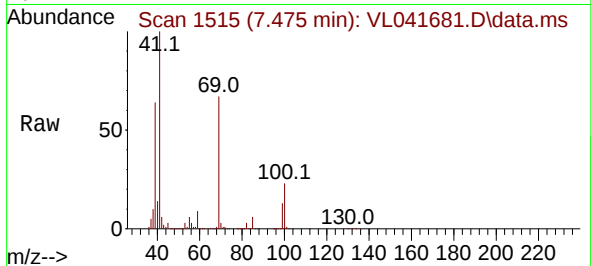




#43
Methyl Methacrylate
Concen: 11.473 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

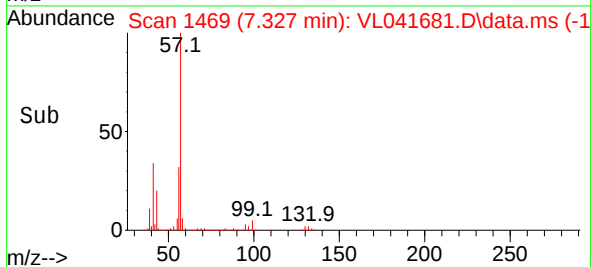
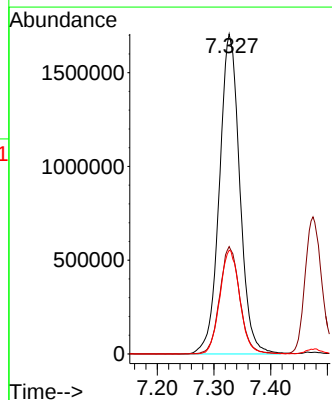
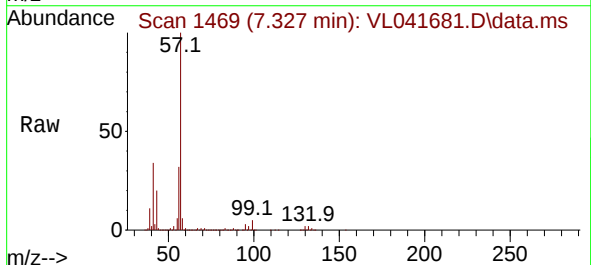
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

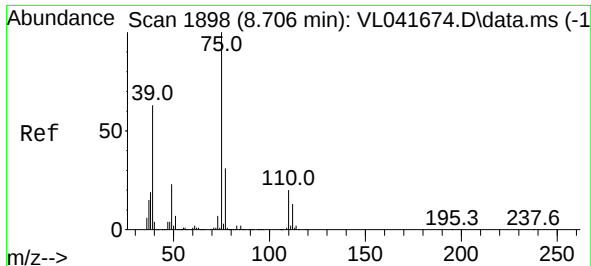
Tgt Ion: 69 Resp: 1010315
Ion Ratio Lower Upper
69 100
41 148.9 119.8 179.6
100 33.6 27.3 40.9



#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 :

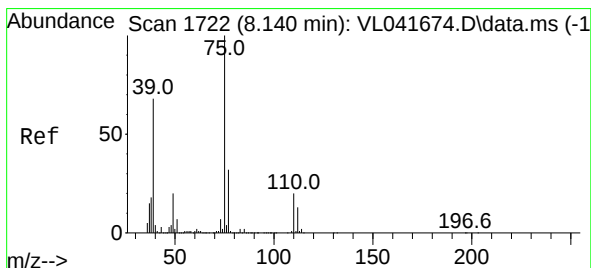
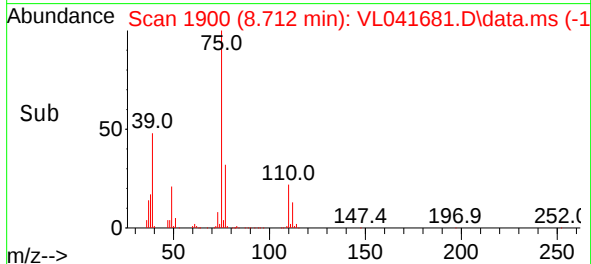
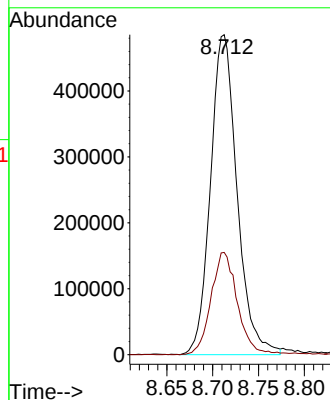
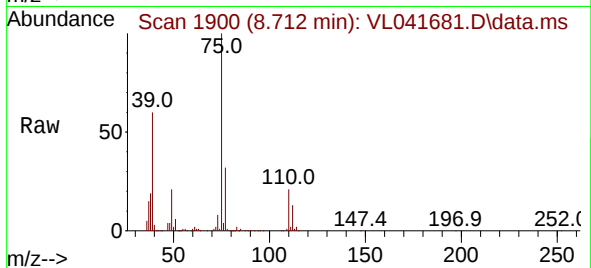
ICVVL110724

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

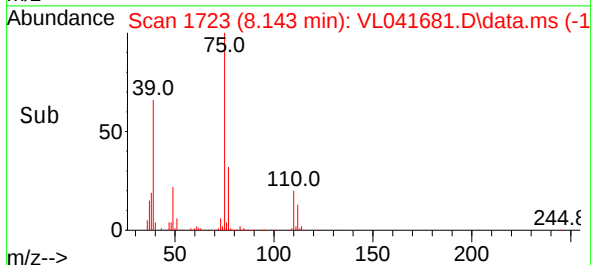
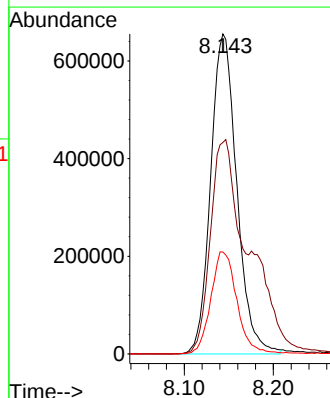
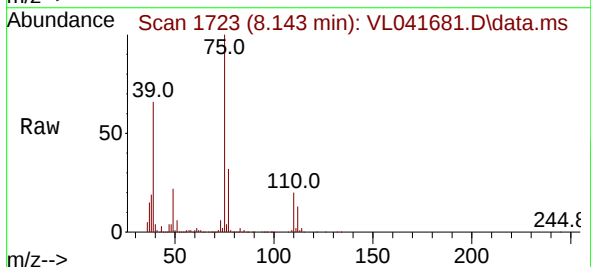
Tgt Ion: 75 Resp: 1335370

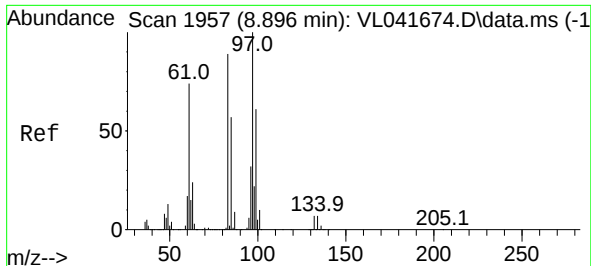
Ion Ratio Lower Upper

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 :

ICVVL110724

Tgt Ion: 97 Resp: 1027960

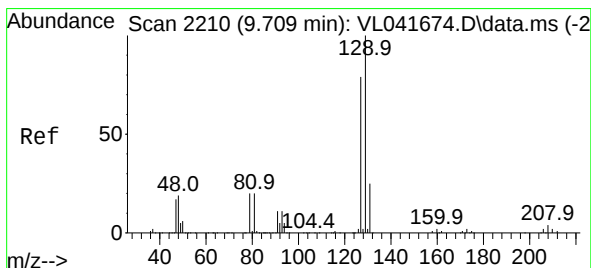
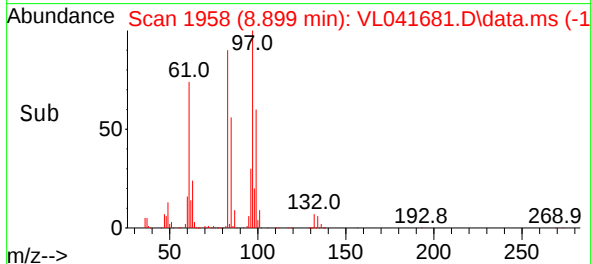
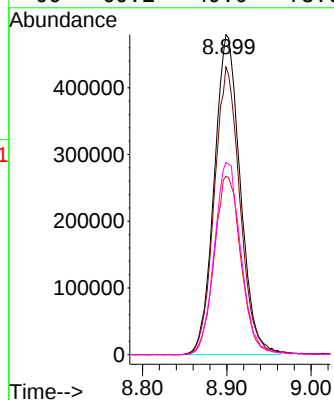
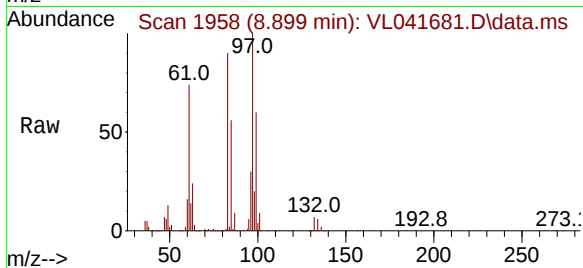
Ion Ratio Lower Upper

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

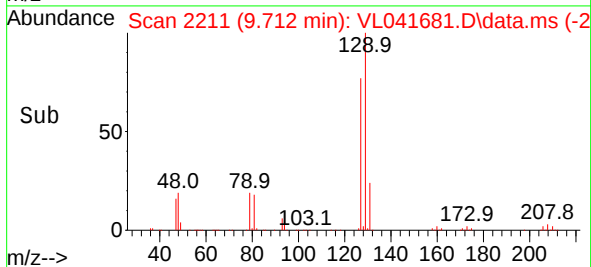
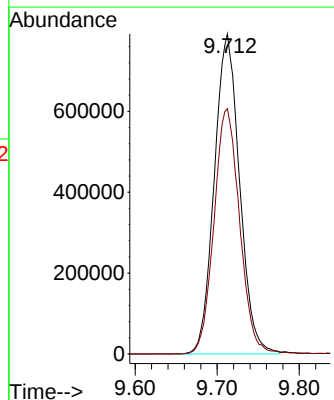
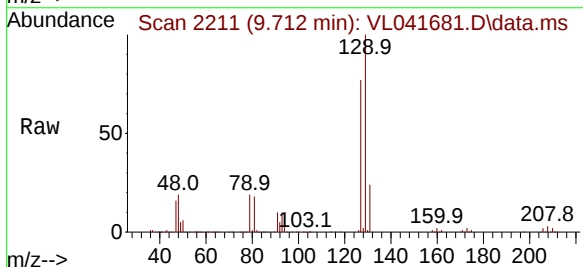
Acq: 7 Nov 2024 14:51

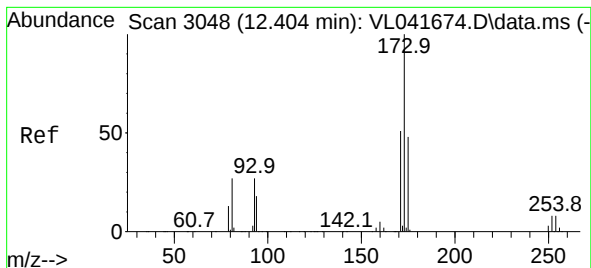
Tgt Ion: 129 Resp: 1697504

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 :

ICVVL110724

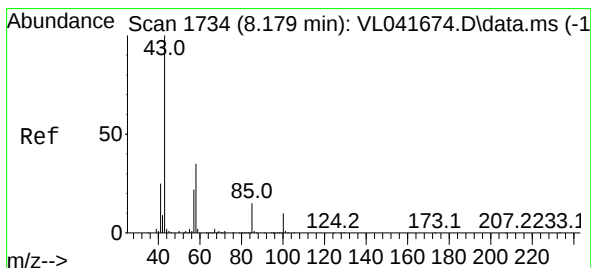
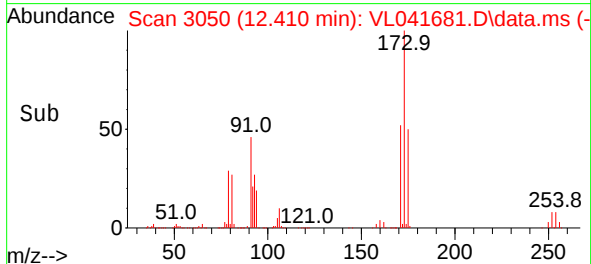
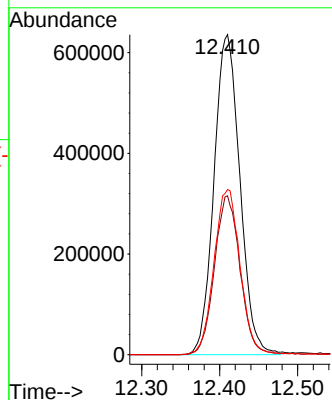
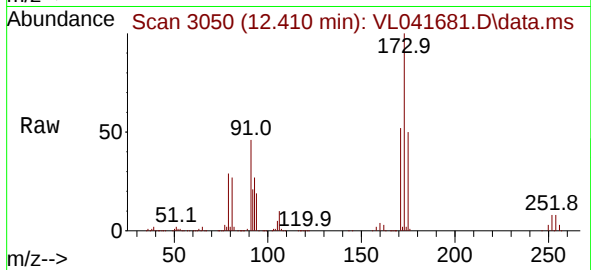
Tgt Ion:173 Resp: 1467565

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

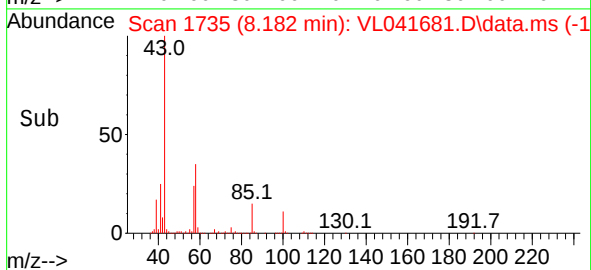
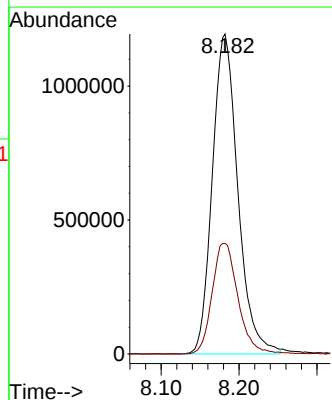
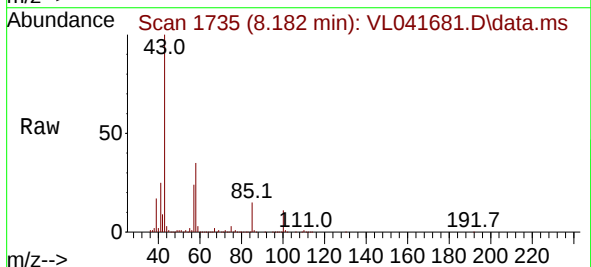
Acq: 7 Nov 2024 14:51

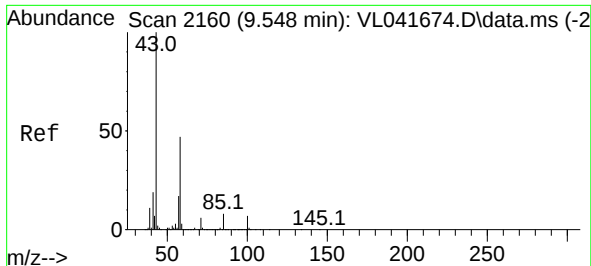
Tgt Ion: 43 Resp: 2720056

Ion Ratio Lower Upper

43 100

58 35.1 27.7 41.5

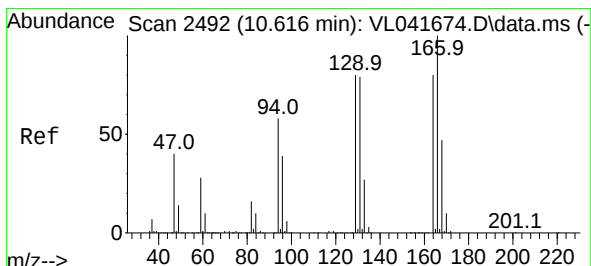
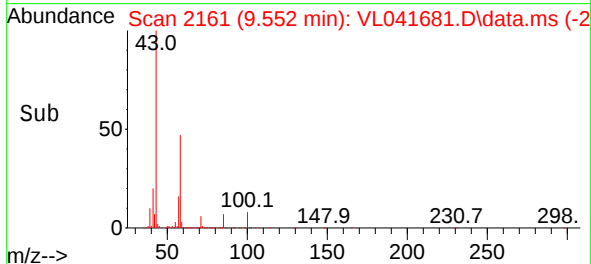
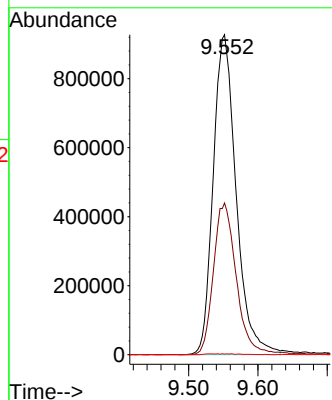
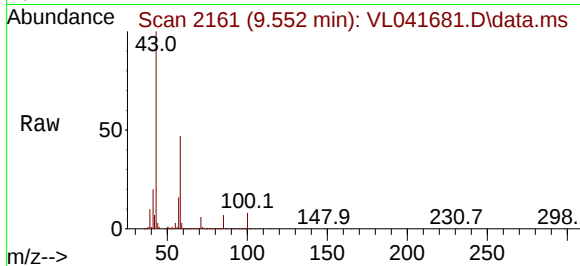




#51
2-Hexanone
Concen: 11.315 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

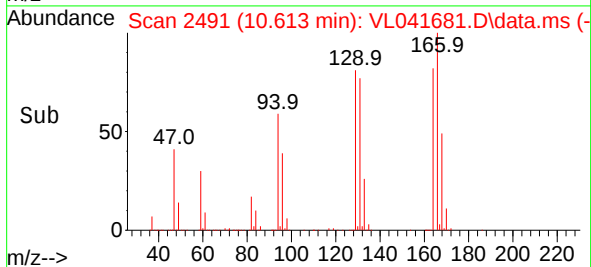
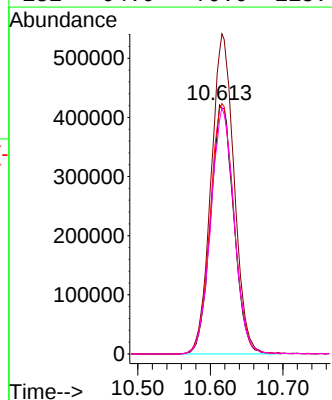
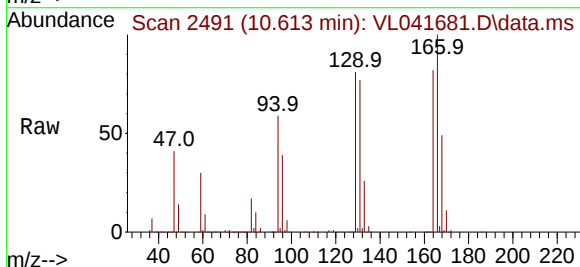
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

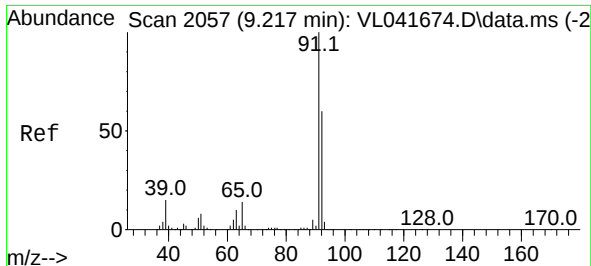
Tgt Ion: 43 Resp: 2131991
Ion Ratio Lower Upper
43 100
58 47.9 37.0 55.6
98 0.3 0.6 0.8#



#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 :

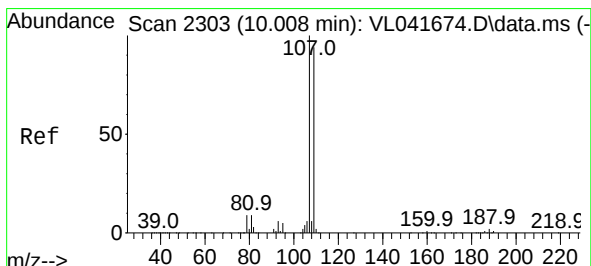
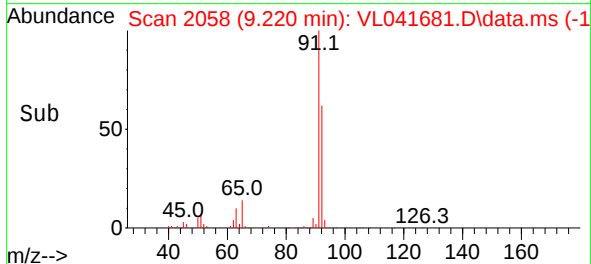
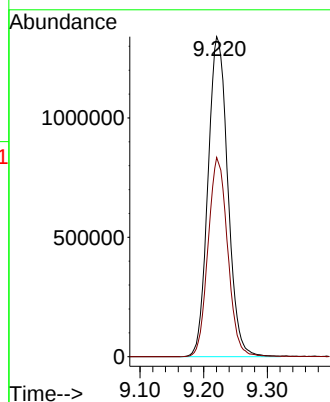
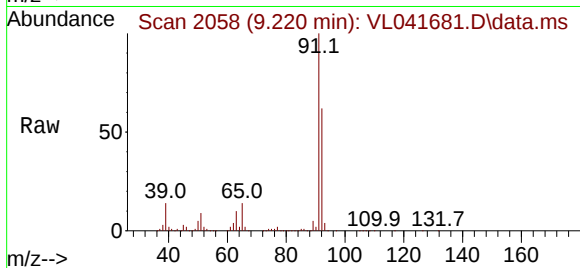
ICVVL110724

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

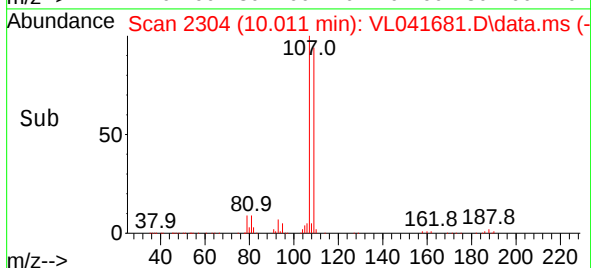
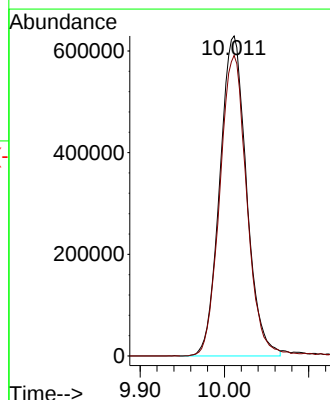
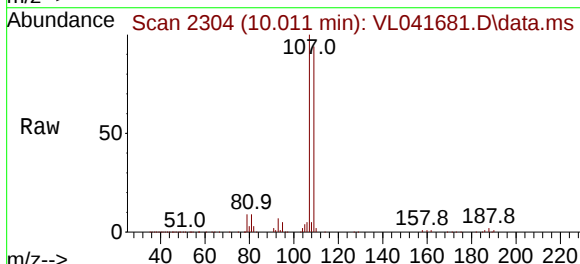
Acq: 7 Nov 2024 14:51

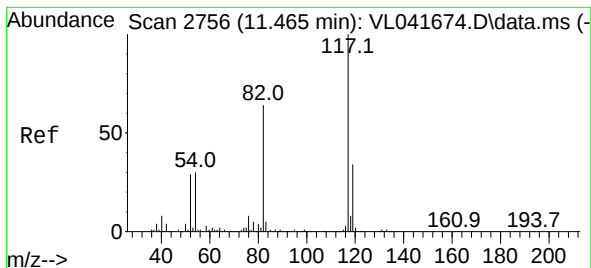
Tgt Ion: 107 Resp: 1383939

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 :

ICVVL110724

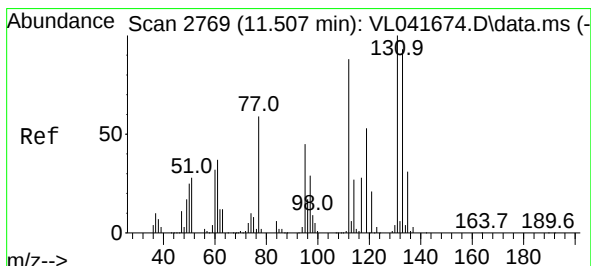
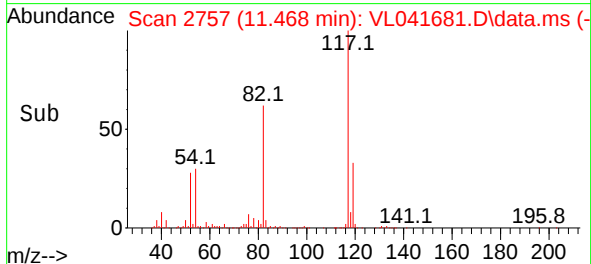
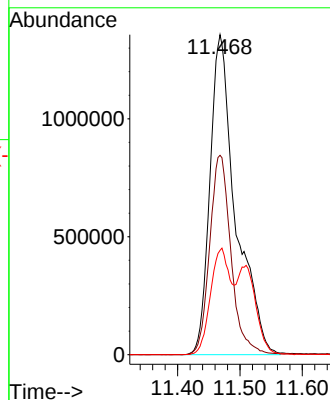
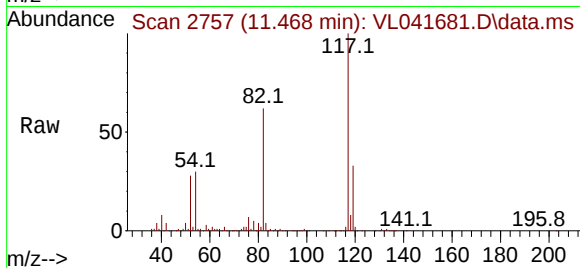
Tgt Ion:117 Resp: 3891746

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

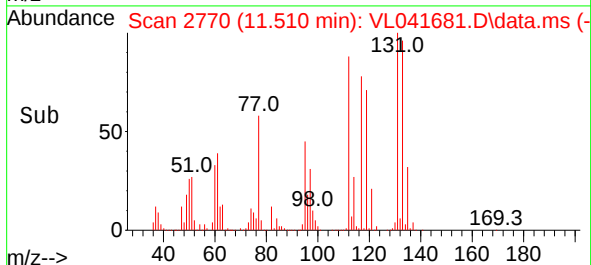
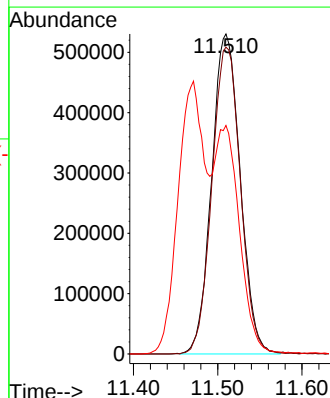
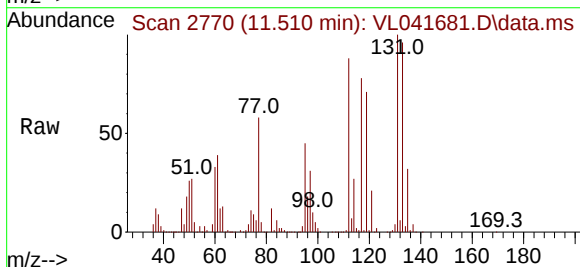
Tgt Ion:131 Resp: 1248422

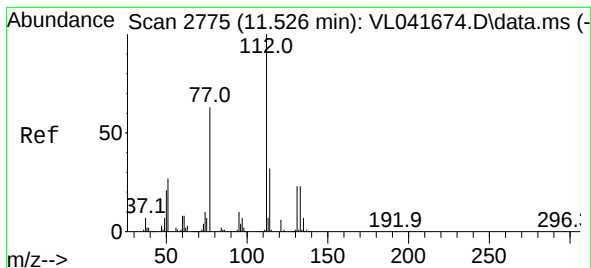
Ion Ratio Lower Upper

131 100

133 96.0 76.5 114.7

119 64.6 49.8 74.8

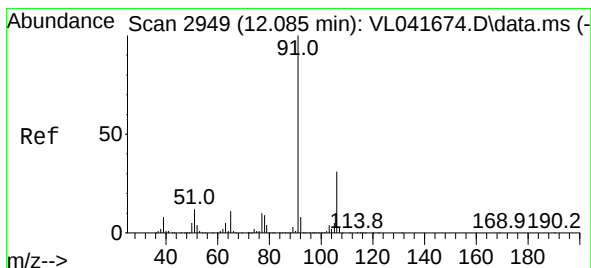
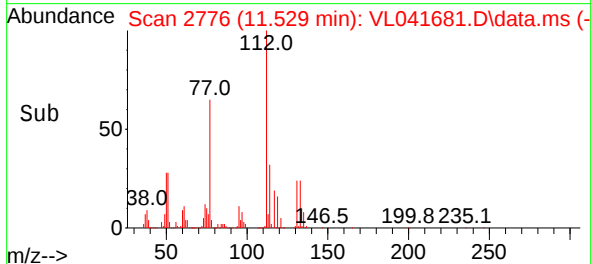
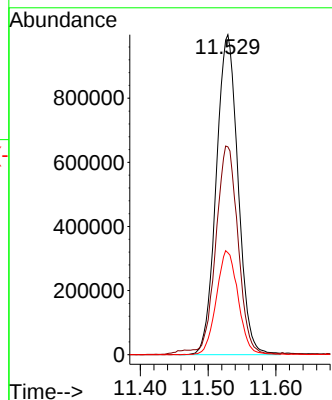
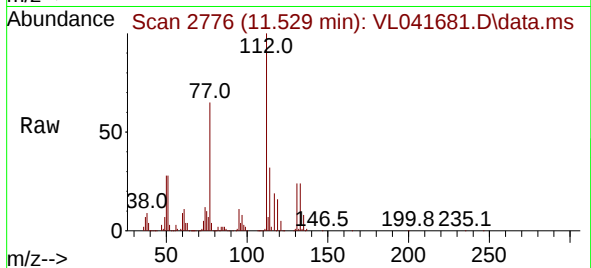




#57
Chlorobenzene
Concen: 7.772 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

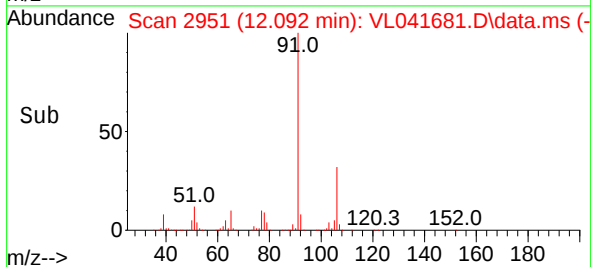
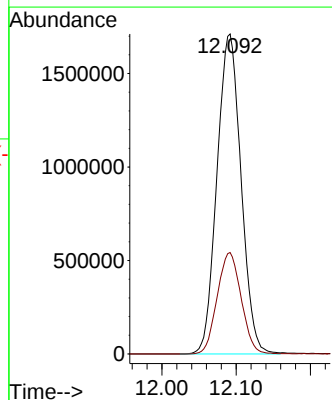
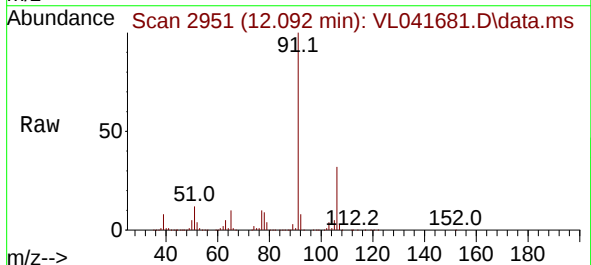
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

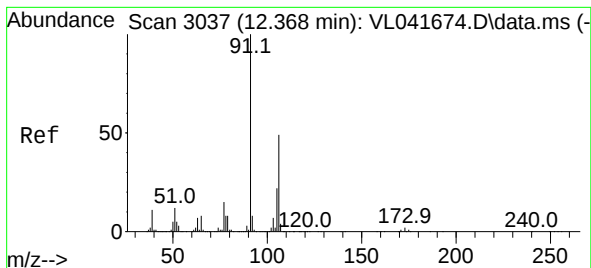
Tgt Ion:112 Resp: 2237120
Ion Ratio Lower Upper
112 100
77 64.7 51.4 77.2
114 31.8 28.4 34.8



#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

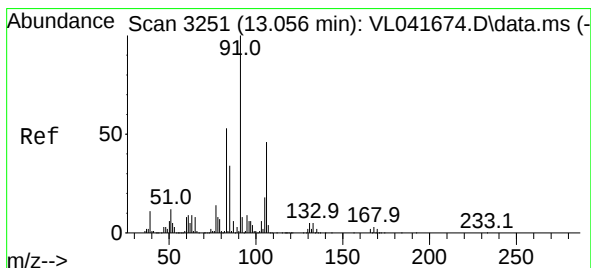
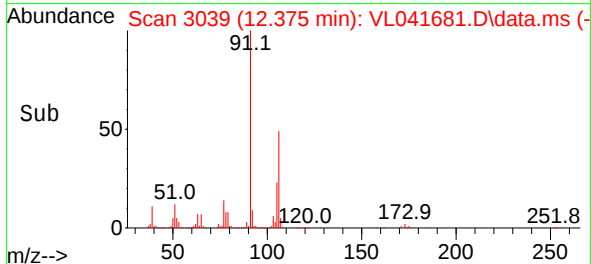
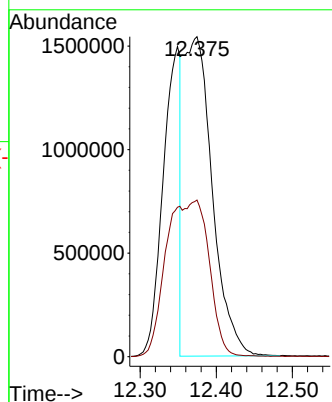
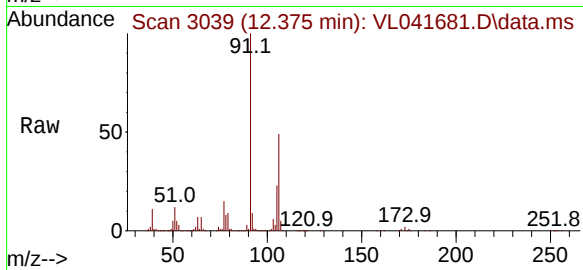




#59
m/p-Xylene
Concen: 10.705 ppbv
RT: 12.375 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

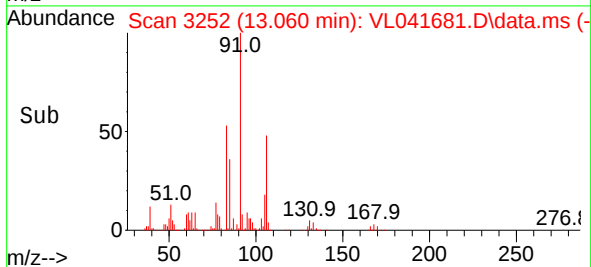
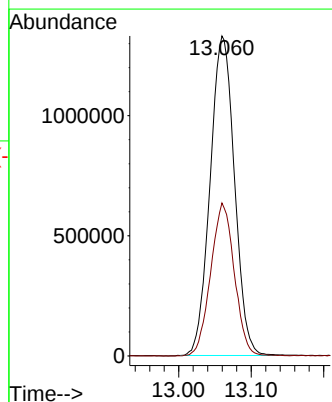
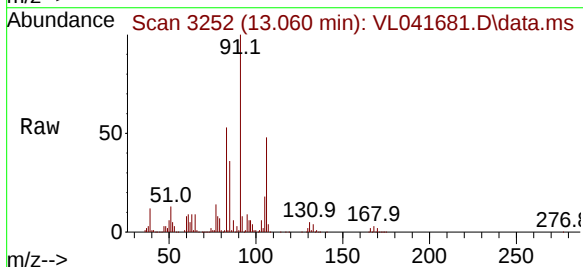
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110724

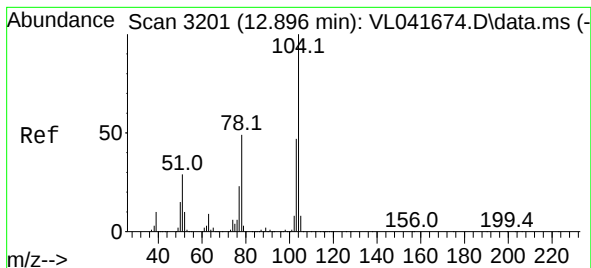
Tgt Ion: 91 Resp: 4090254
Ion Ratio Lower Upper
91 100
106 72.6 36.9 55.3#



#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 :

ICVVL110724

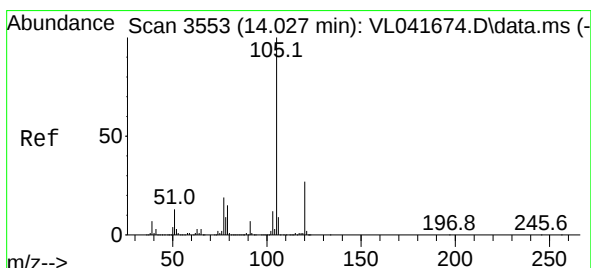
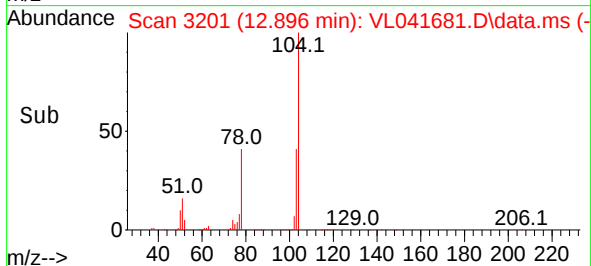
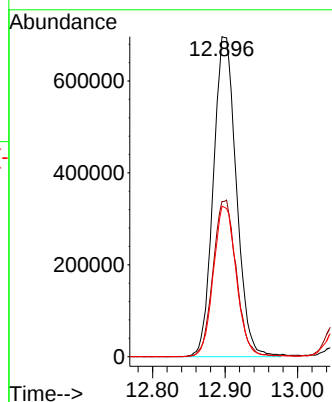
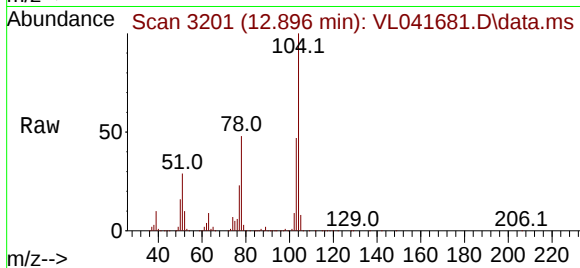
Tgt Ion:104 Resp: 1535856

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

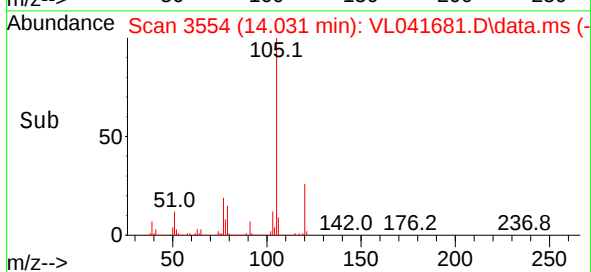
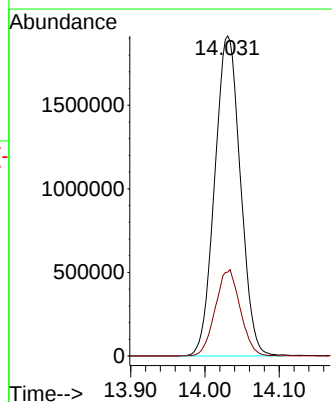
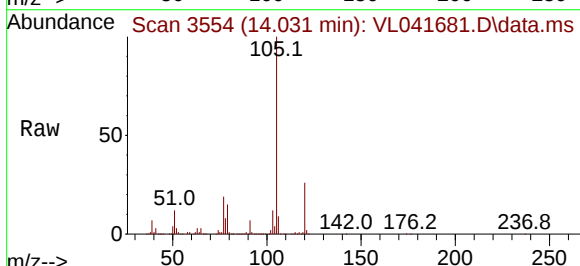
Acq: 7 Nov 2024 14:51

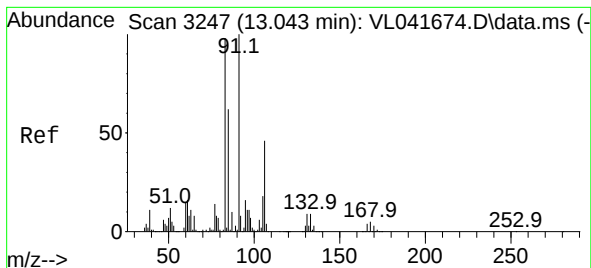
Tgt Ion:105 Resp: 4605291

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 :

ICVVL110724

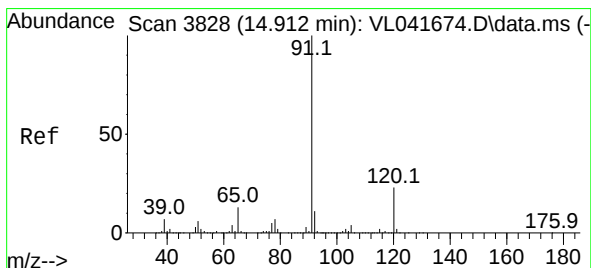
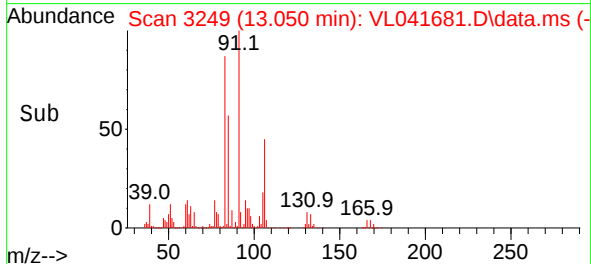
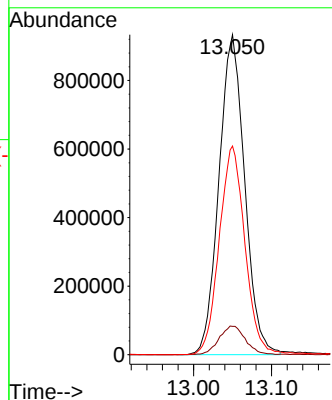
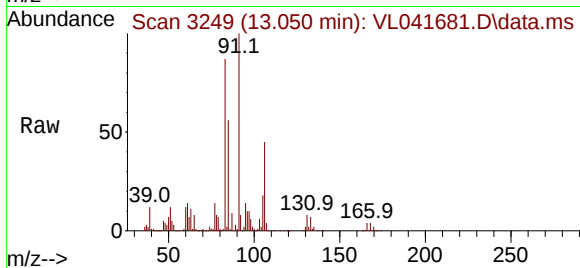
Tgt Ion: 83 Resp: 2141628

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

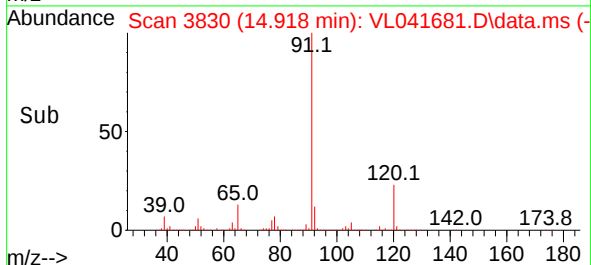
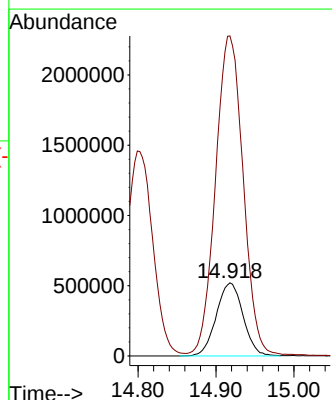
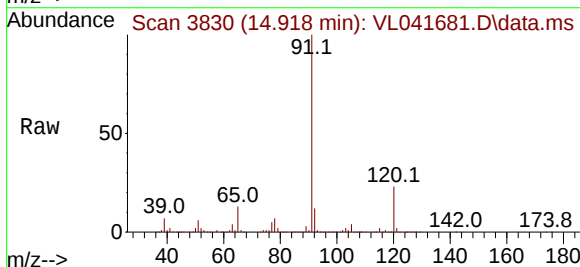
Acq: 7 Nov 2024 14:51

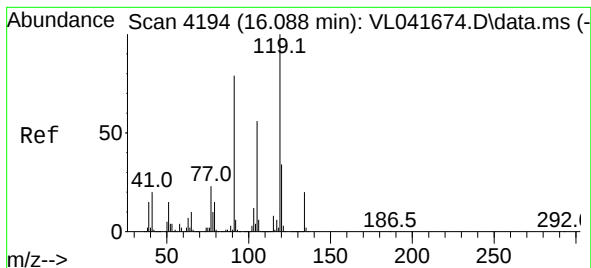
Tgt Ion:120 Resp: 1242370

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# 41

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

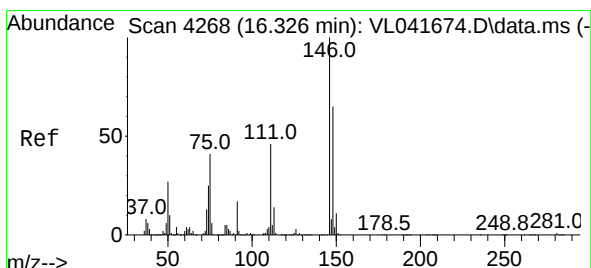
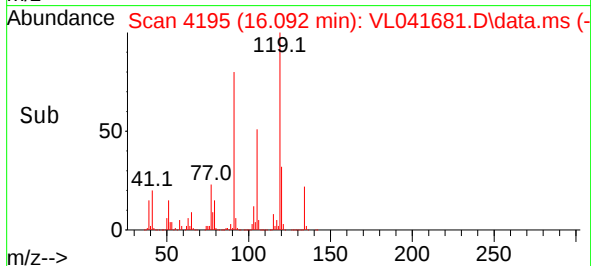
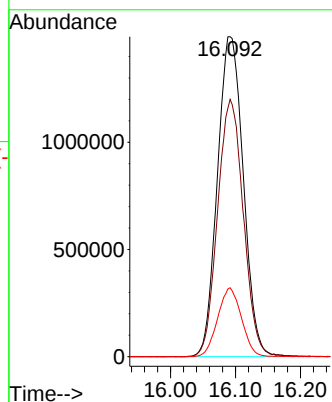
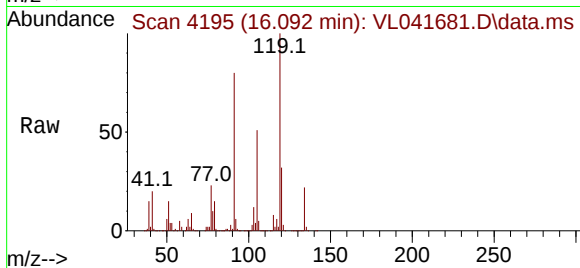
Tgt Ion:119 Resp: 4128160

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

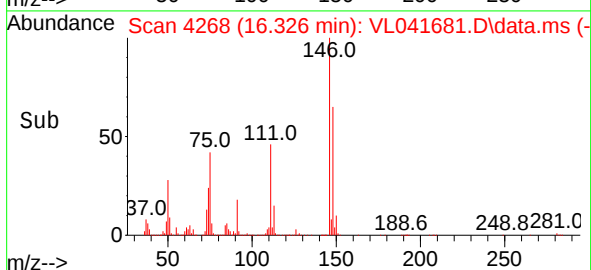
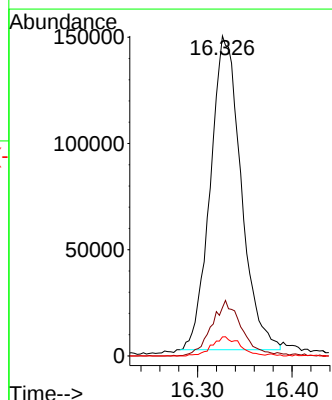
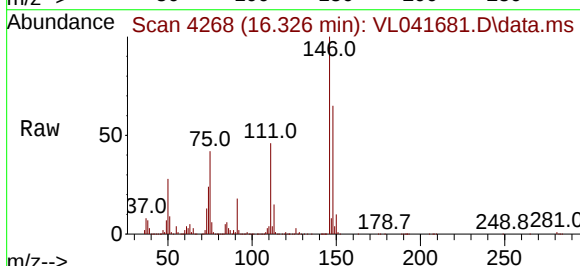
Tgt Ion: 91 Resp: 333479

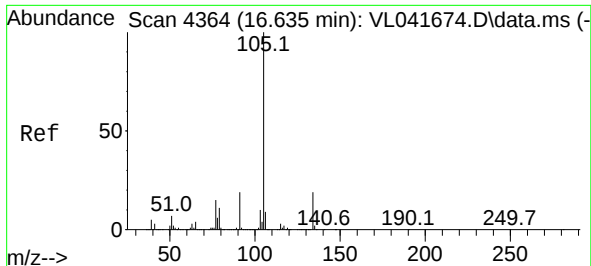
Ion Ratio Lower Upper

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 :

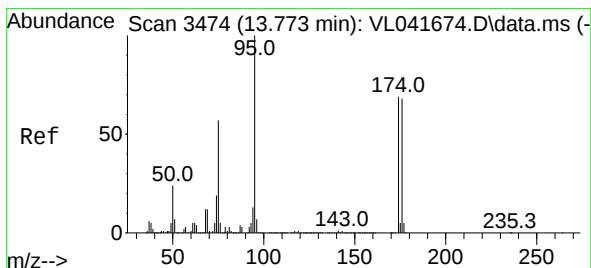
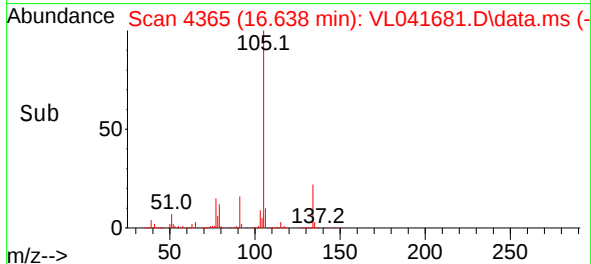
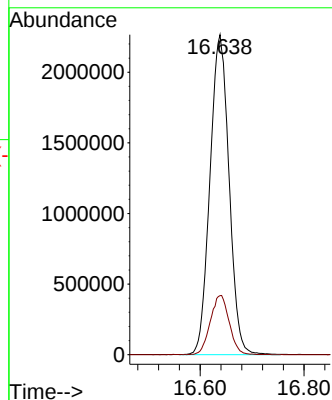
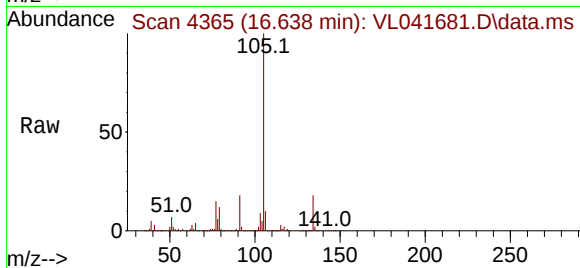
ICVVL110724

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

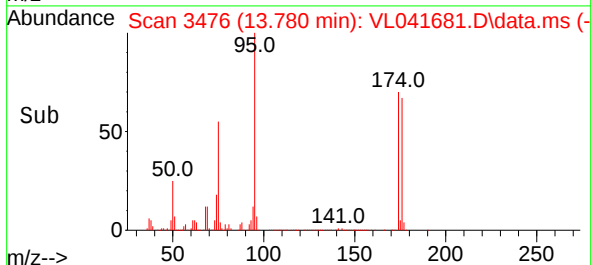
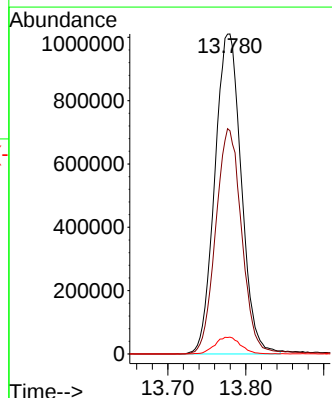
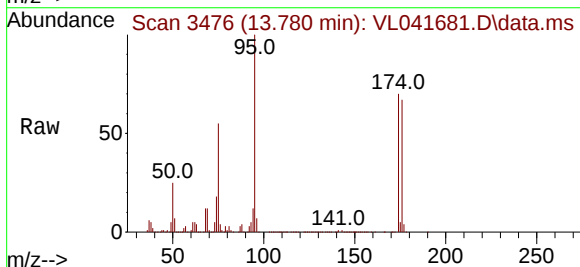
Tgt Ion: 95 Resp: 2384630

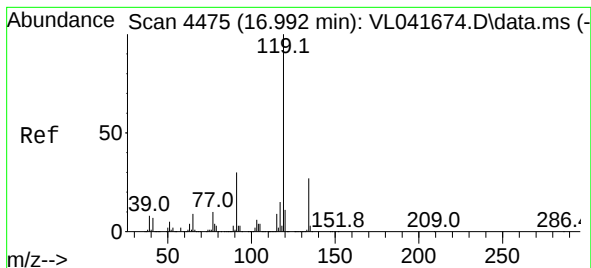
Ion Ratio Lower Upper

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 :

ICVVL110724

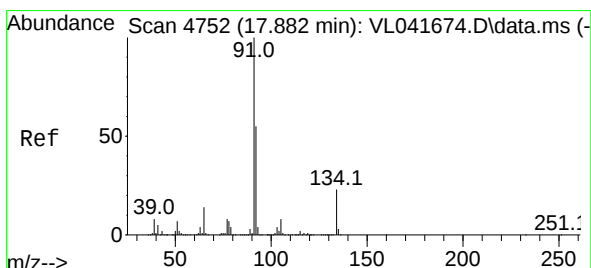
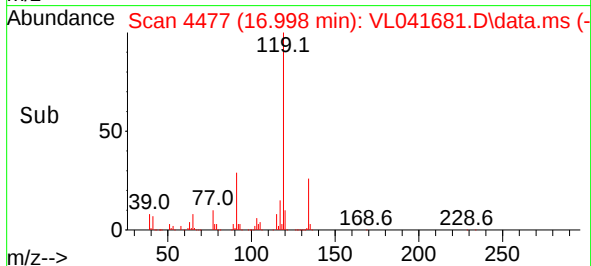
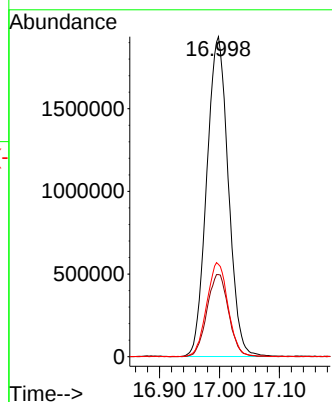
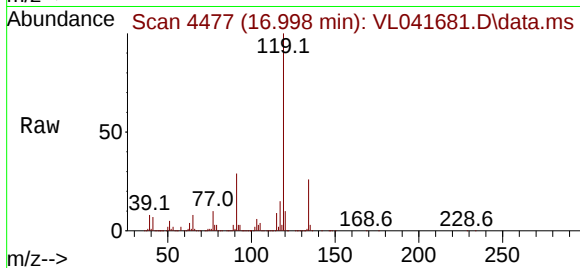
Tgt Ion:119 Resp: 4841188

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

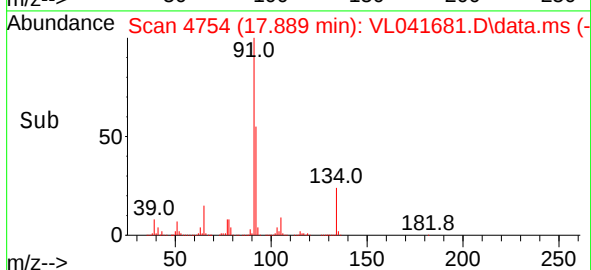
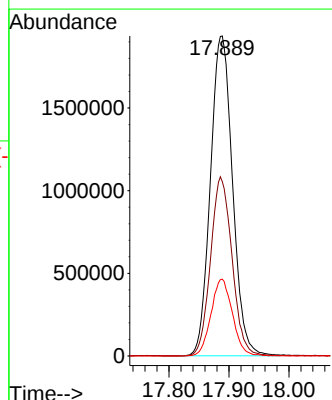
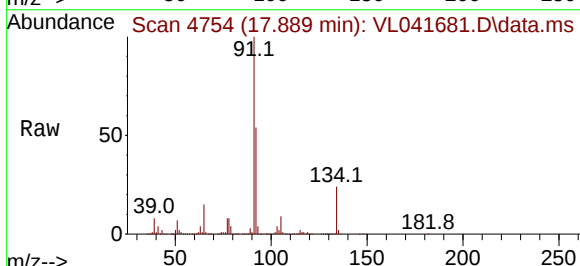
Tgt Ion: 91 Resp: 4961330

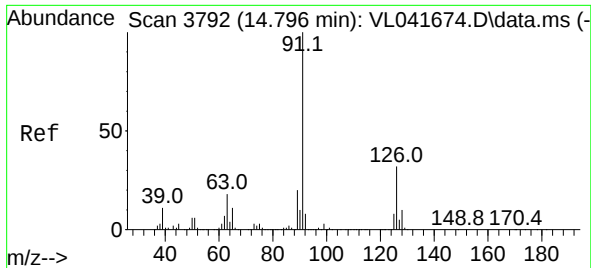
Ion Ratio Lower Upper

91 100

92 54.5 43.3 64.9

134 23.3 18.4 27.6

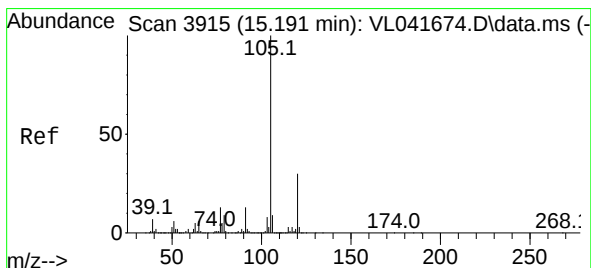
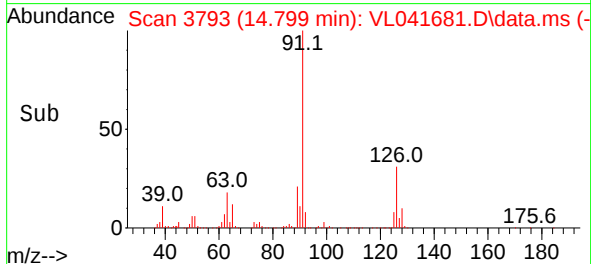
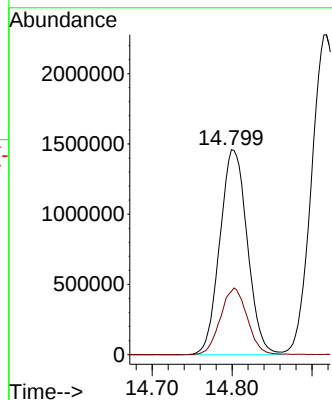
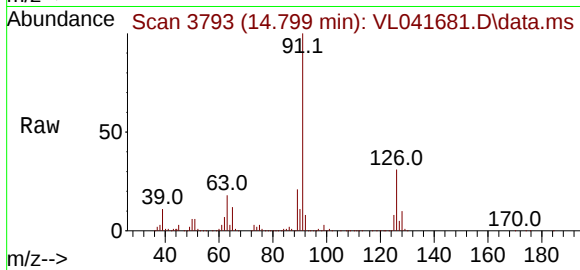




#71
2-Chlorotoluene
Concen: 8.551 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

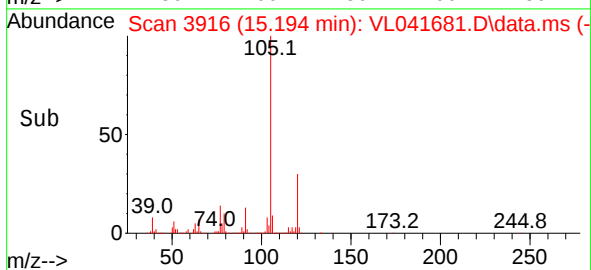
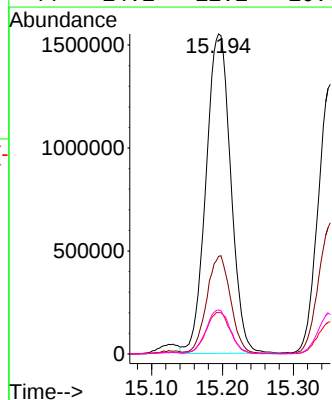
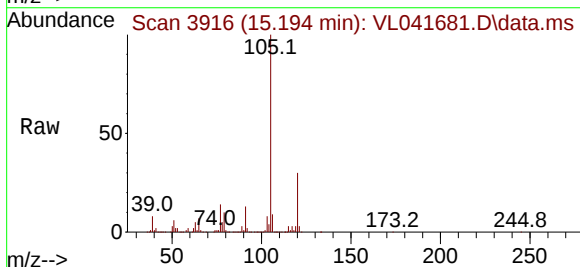
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

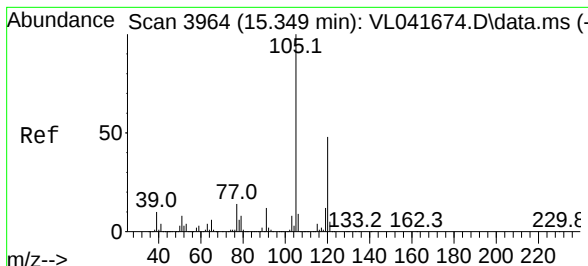
Tgt Ion: 91 Resp: 3477879
Ion Ratio Lower Upper
91 100
126 32.1 12.8 51.0



#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 :

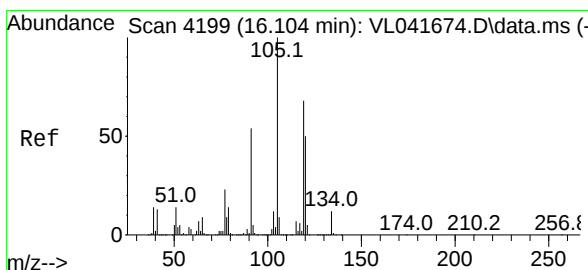
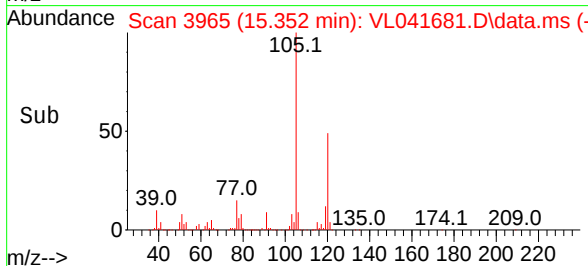
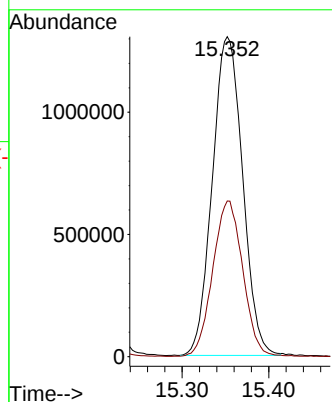
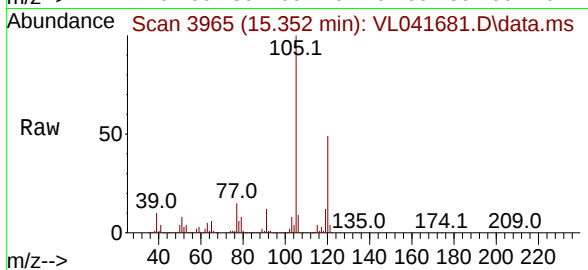
ICVVL110724

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

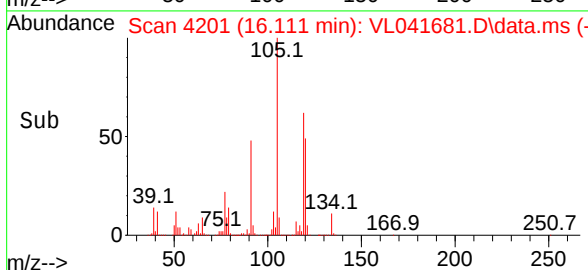
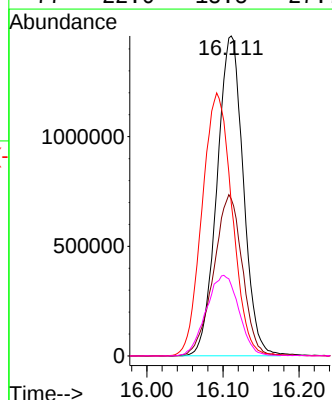
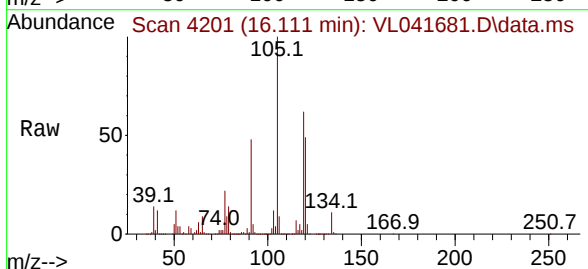
Ion Ratio Lower Upper

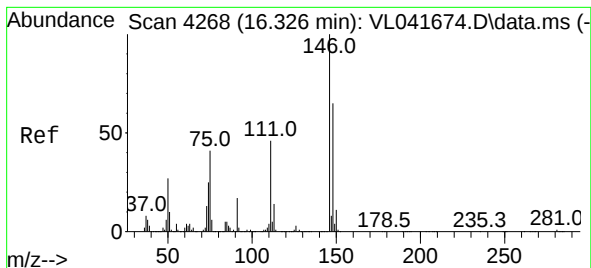
105 100

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# 4314

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

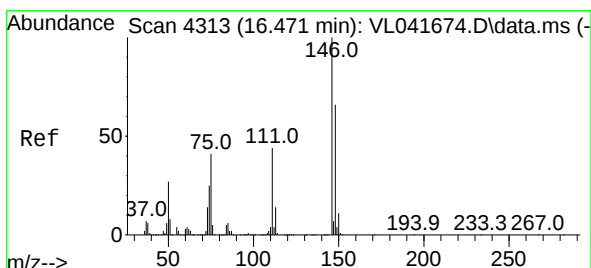
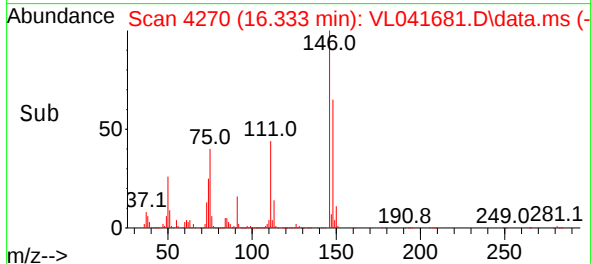
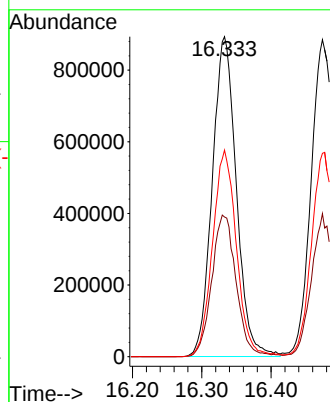
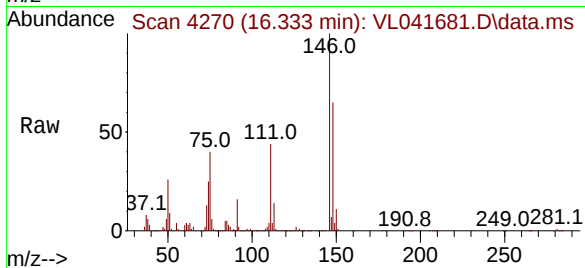
Tgt Ion:146 Resp: 2153016

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

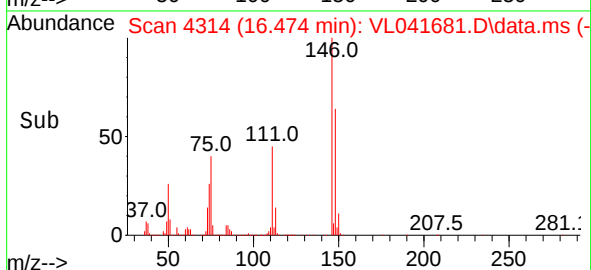
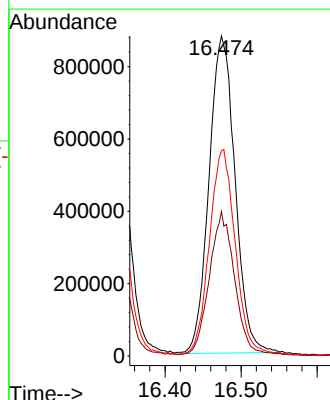
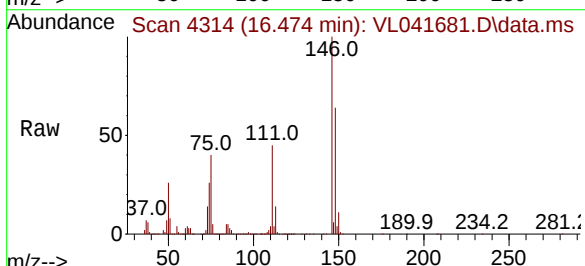
Tgt Ion:146 Resp: 2087766

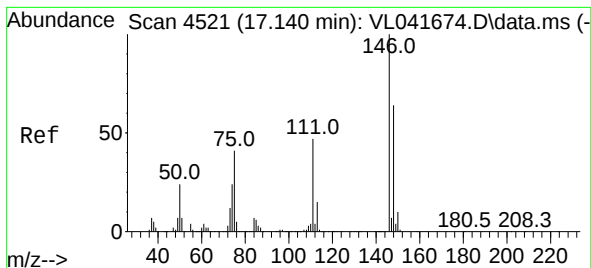
Ion Ratio Lower Upper

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 :

ICVVL110724

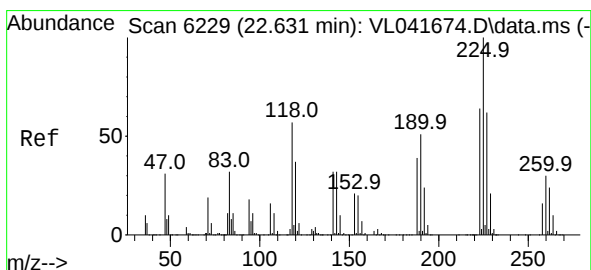
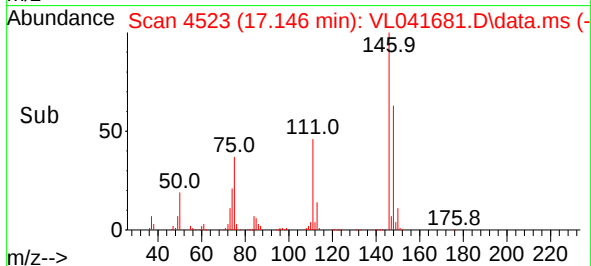
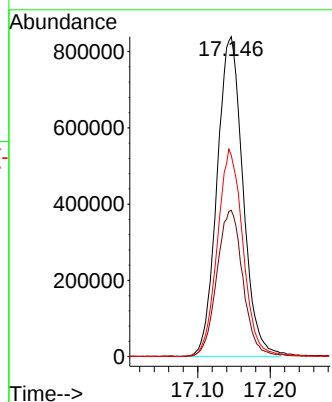
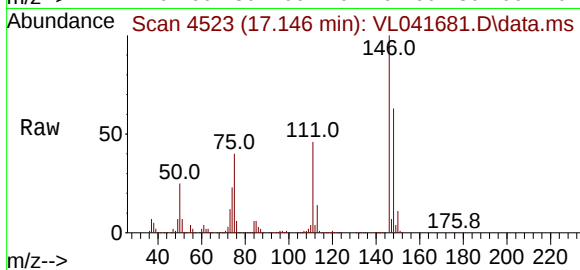
Tgt Ion:146 Resp: 2076942

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

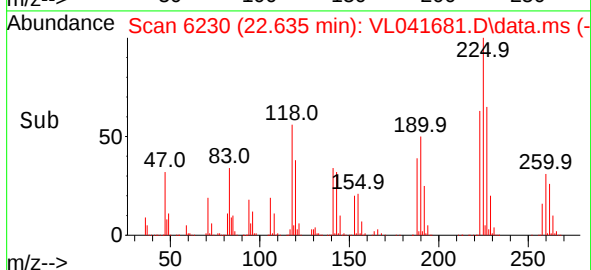
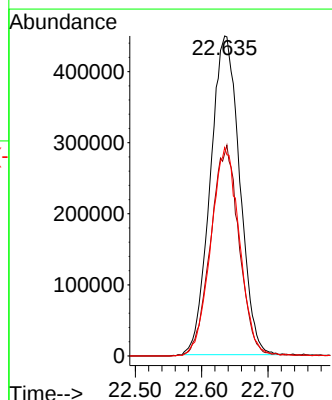
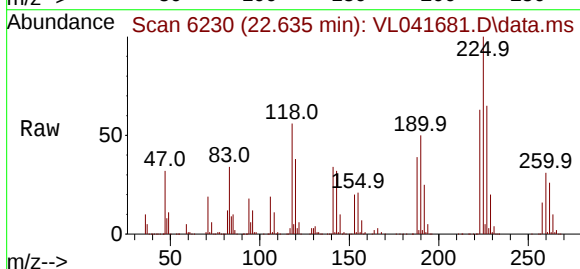
Tgt Ion:225 Resp: 1380777

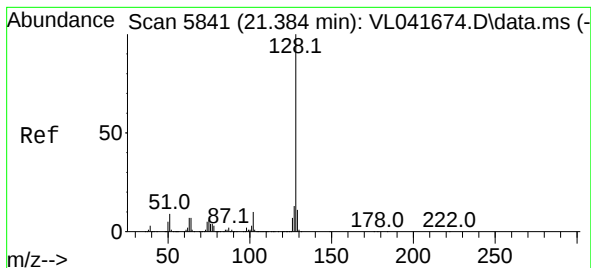
Ion Ratio Lower Upper

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 :

ICVVL110724

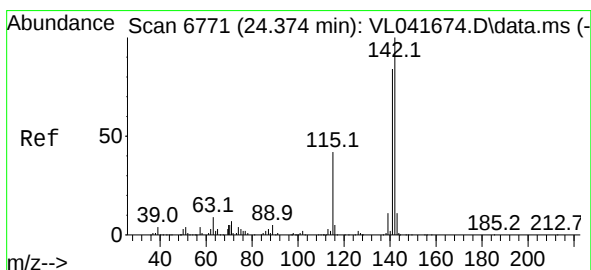
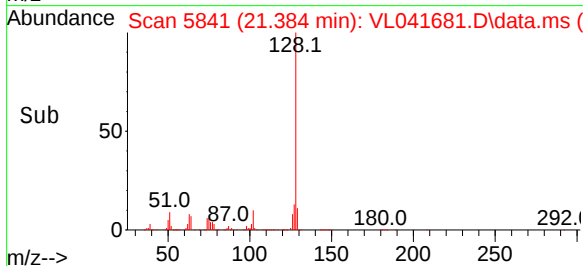
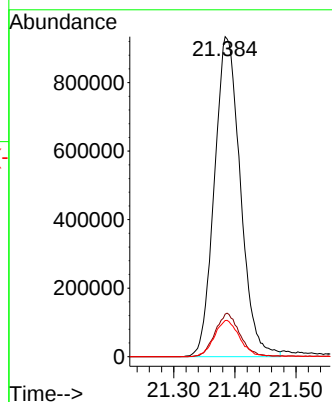
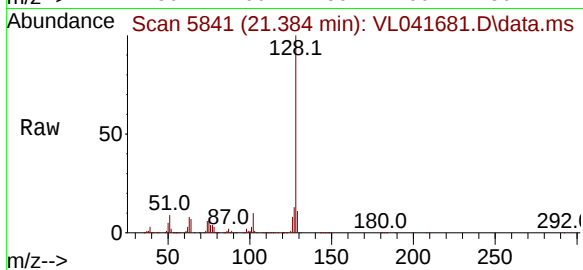
Tgt Ion:128 Resp: 2753473

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

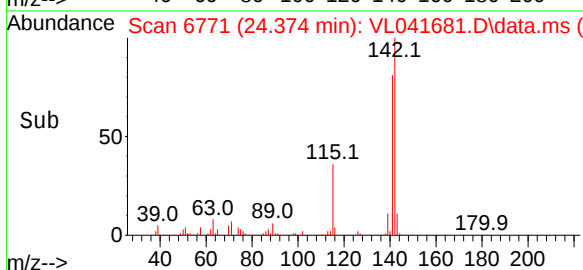
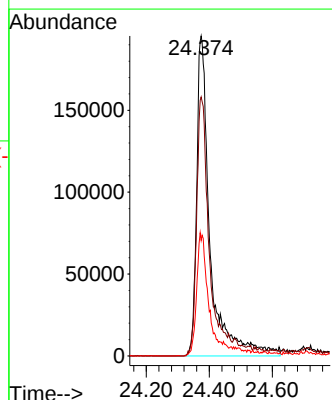
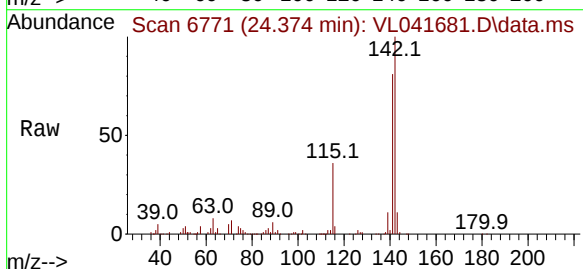
Tgt Ion:142 Resp: 582436

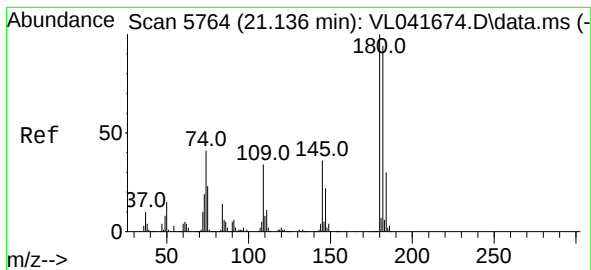
Ion Ratio Lower Upper

142 100

141 79.2 68.1 102.1

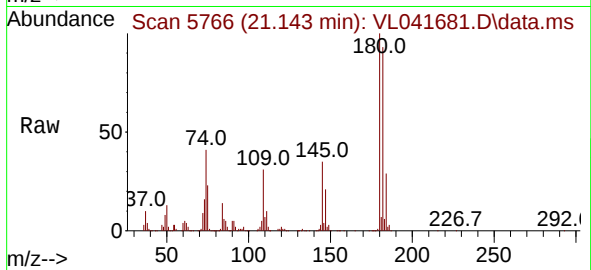
115 36.8 33.1 49.7





#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 :
 ICVVL110724



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

