

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
 Data File : VW030111.D
 Acq On : 30 Aug 2024 11:04
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 23:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	196956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	96753	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	72350	23.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
7) Chloroethane-d5	2.899	69	55896	25.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	4.021	65	31620	23.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.280%
21) 2-Butanone-d5	7.075	46	33243	53.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.340%
24) Chloroform-d	7.648	84	151261	26.863	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.440%
26) 1,2-Dichloroethane-d4	8.307	65	76962	26.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.680%
32) Benzene-d6	8.276	84	286815	24.671	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	9.270	67	89942	26.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.640%
41) Toluene-d8	10.319	98	257896	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.575	79	34659	24.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.960%
47) 2-Hexanone-d5	10.922	63	26409	50.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68052	27.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	81628	23.325	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	57748	24.046	ug/L	96
3) Chloromethane	2.229	50	86738	31.069	ug/L	96
5) Vinyl chloride	2.375	62	91928	27.858	ug/L	97
6) Bromomethane	2.796	94	55757	27.190	ug/L	98
8) Chloroethane	2.936	64	55142	28.999	ug/L	100
9) Trichlorofluoromethane	3.271	101	77543	27.137	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	73384	26.843	ug/L	96
12) 1,1-Dichloroethene	4.045	96	66741	24.936	ug/L	93
13) Acetone	4.125	43	35650	62.925	ug/L	98
14) Carbon disulfide	4.393	76	242932	29.259	ug/L	100
15) Methyl Acetate	4.667	43	30326	27.455	ug/L	99
16) Methylene chloride	4.917	84	80024	23.200	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	74001	25.000	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	104038	22.983	ug/L #	90
19) 1,1-Dichloroethane	6.222	63	150360	27.336	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	78659	24.043	ug/L	96
22) 2-Butanone	7.167	43	42656	52.616	ug/L	94
23) Bromochloromethane	7.514	128	34330	24.740	ug/L	92
25) Chloroform	7.679	83	148519	26.398	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

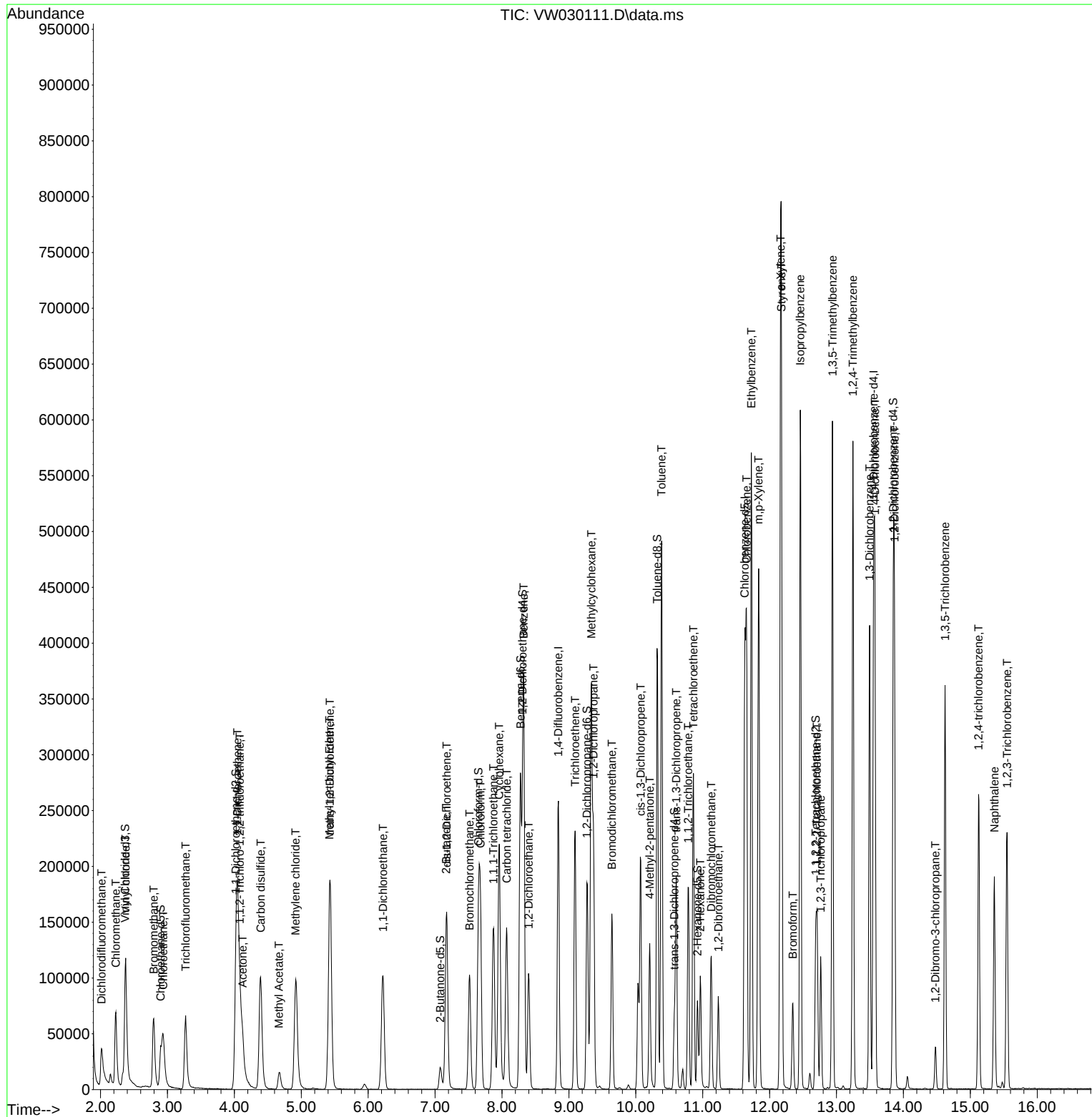
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96744	26.863	ug/L	96
29) Cyclohexane	7.959	56	122991	25.862	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	120878	26.203	ug/L	99
31) Carbon tetrachloride	8.069	117	111015	26.786	ug/L	95
33) Benzene	8.325	78	328560	26.037	ug/L	100
34) Trichloroethene	9.093	95	83901	24.692	ug/L	99
35) Methylcyclohexane	9.337	83	142887	25.675	ug/L	94
37) 1,2-Dichloropropane	9.368	63	88100	27.570	ug/L	99
38) Bromodichloromethane	9.642	83	106276	26.359	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	124372	25.287	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	85763	53.917	ug/L	93
42) Toluene	10.386	91	351684	26.170	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	102904	25.856	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58135	24.822	ug/L	97
46) Tetrachloroethene	10.861	164	63010	24.432	ug/L	88
48) 2-Hexanone	10.965	43	64603	57.131	ug/L	89
49) Dibromochloromethane	11.129	129	62338	25.050	ug/L	98
50) 1,2-Dibromoethane	11.233	107	53448	24.430	ug/L #	95
51) Chlorobenzene	11.654	112	210610	24.511	ug/L	95
52) Ethylbenzene	11.727	91	389798	25.600	ug/L	95
53) m,p-Xylene	11.837	106	143882	25.321	ug/L	94
54) o-Xylene	12.166	106	133826	24.538	ug/L	95
55) Styrene	12.178	104	234044	25.612	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	68708	26.051	ug/L	96
59) Bromoform	12.349	173	34305	23.810	ug/L	94
60) Isopropylbenzene	12.458	105	374510	24.262	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	48113	24.457	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	304878	26.563	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	294242	24.323	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	161300	24.512	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	153593	23.105	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	140332	23.839	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10064	23.899	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	101500	23.625	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	80735	21.712	ug/L	98
71) Naphthalene	15.360	128	152699	21.505	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	75499	23.132	ug/L	95

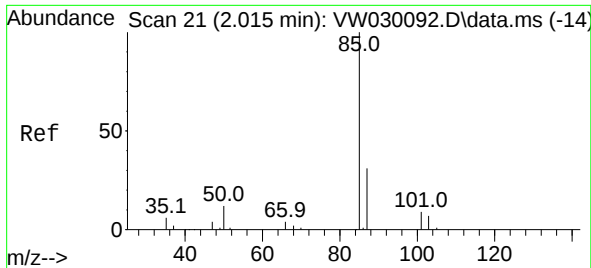
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Data File : VW030111.D
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Thu Aug 29 21:32:12 2024
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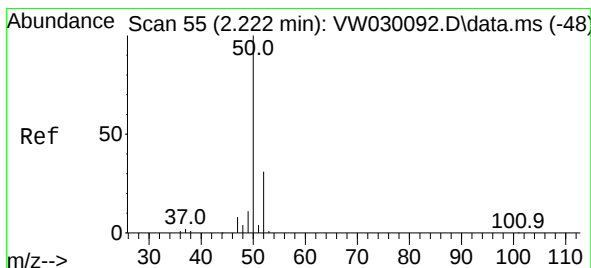
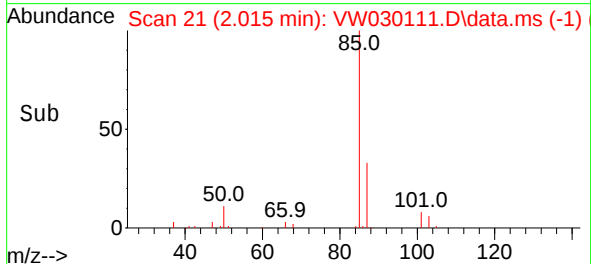
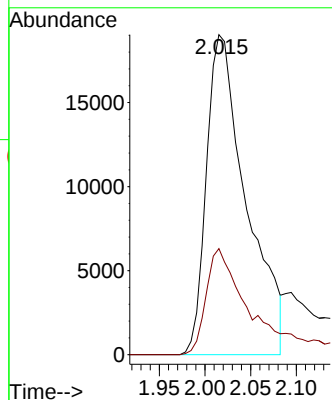
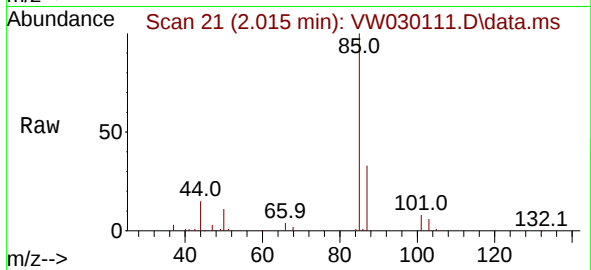




#2
 Dichlorodifluoromethane
 Concen: 24.046 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030111.D
 Acq: 30 Aug 2024 11:04

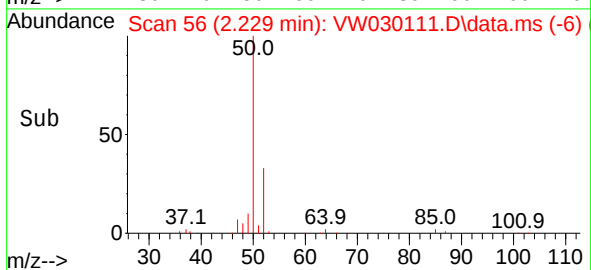
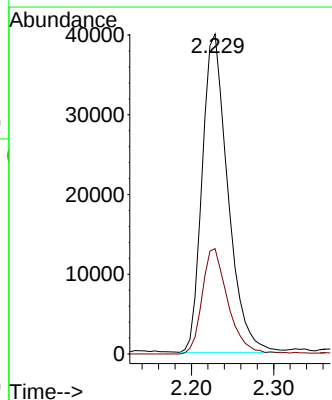
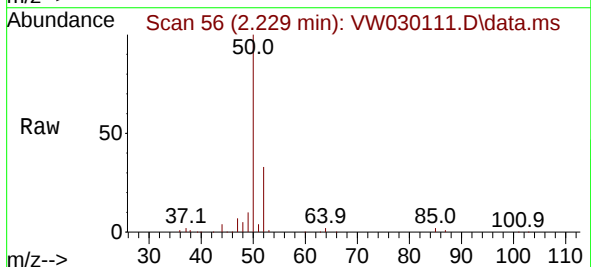
Instrument :
 MSVOA_W
 ClientSampleId :

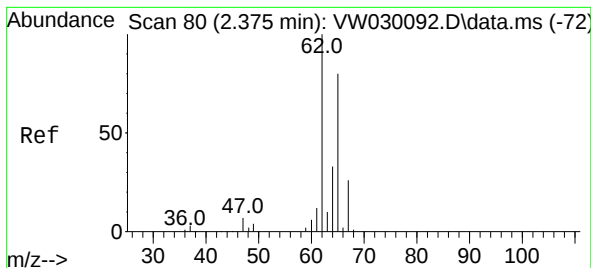
Tgt Ion: 85 Resp: 57748
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.2 36.2



#3
 Chloromethane
 Concen: 31.069 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030111.D
 Acq: 30 Aug 2024 11:04

Tgt Ion: 50 Resp: 86738
 Ion Ratio Lower Upper
 50 100
 52 32.9 21.6 40.2





#5

Vinyl chloride

Concen: 27.858 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

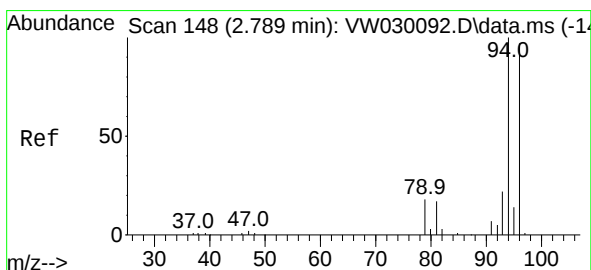
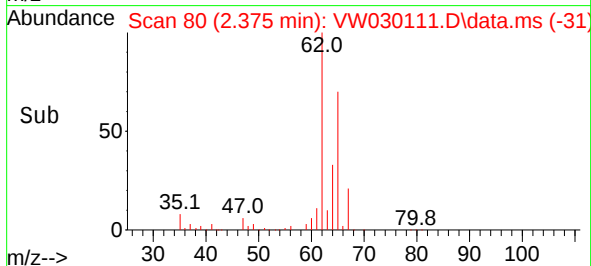
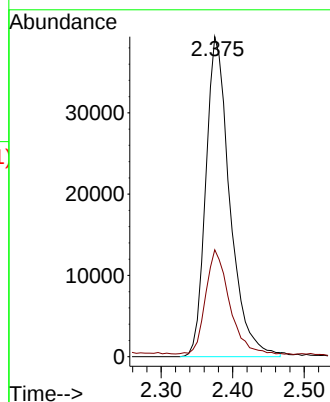
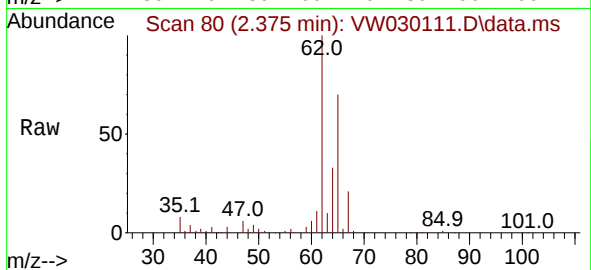
ClientSampleId :

Tgt Ion: 62 Resp: 91928

Ion Ratio Lower Upper

62 100

64 33.4 24.4 45.4



#6

Bromomethane

Concen: 27.190 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW030111.D

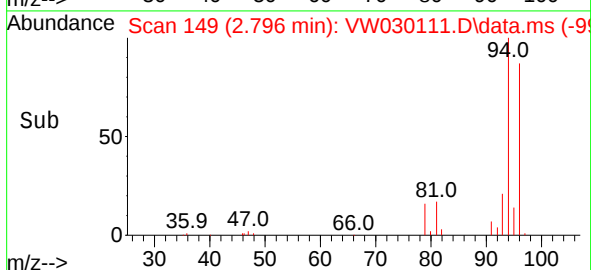
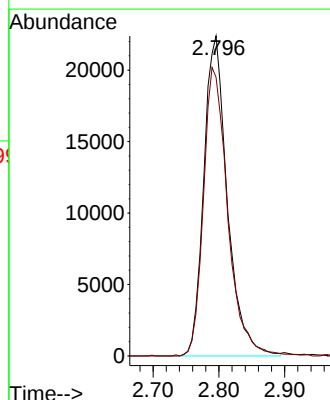
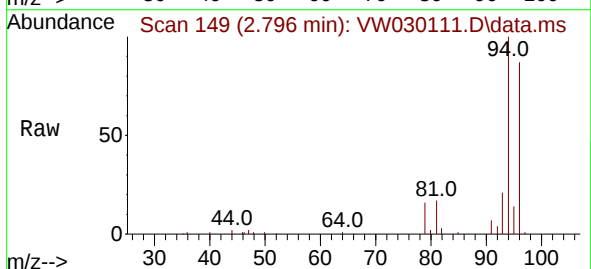
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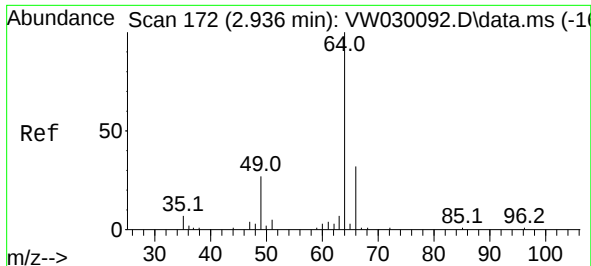
Tgt Ion: 94 Resp: 55757

Ion Ratio Lower Upper

94 100

96 87.1 62.4 115.8





#8

Chloroethane

Concen: 28.999 ug/L

RT: 2.936 min Scan# 172

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

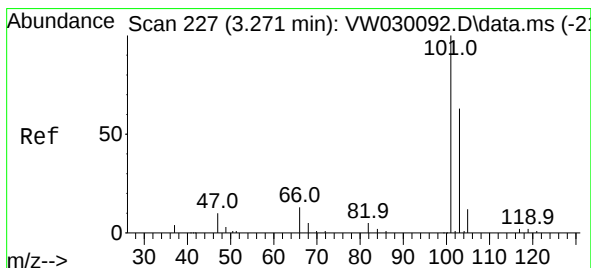
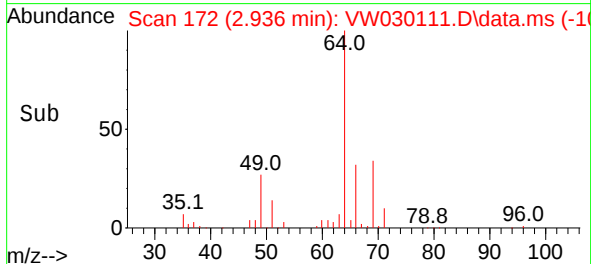
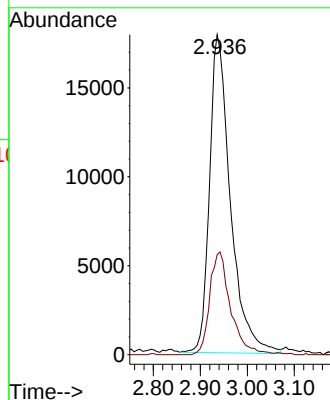
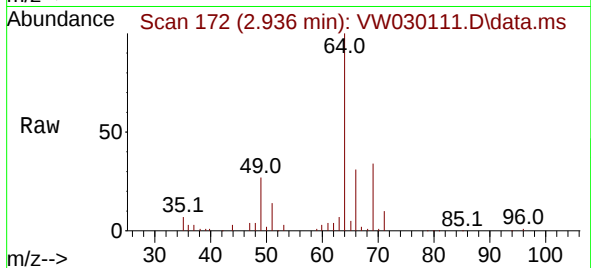
ClientSampleId :

Tgt Ion: 64 Resp: 55142

Ion Ratio Lower Upper

64 100

66 31.3 21.7 40.3



#9

Trichlorofluoromethane

Concen: 27.137 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.000 min

Lab File: VW030111.D

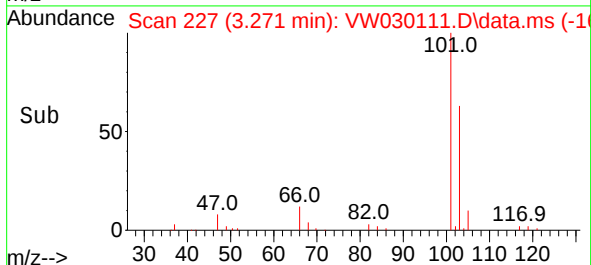
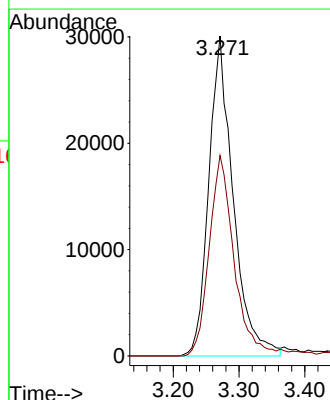
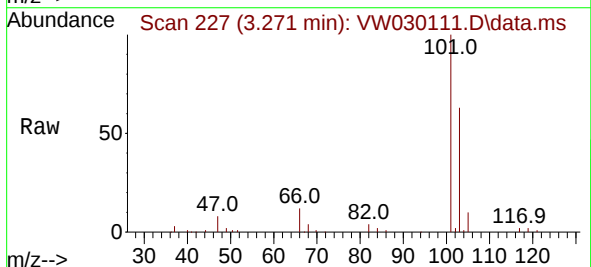
Acq: 30 Aug 2024 11:04

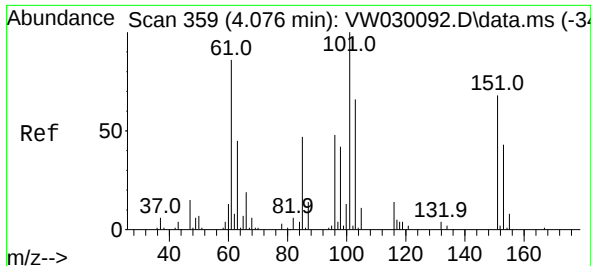
Tgt Ion:101 Resp: 77543

Ion Ratio Lower Upper

101 100

103 63.5 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.843 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :

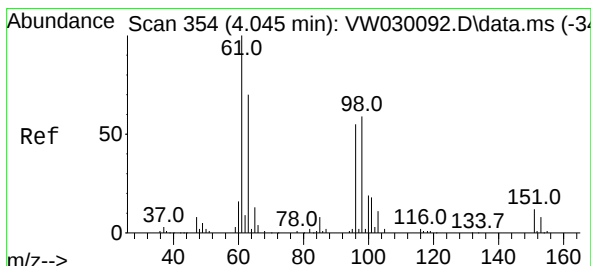
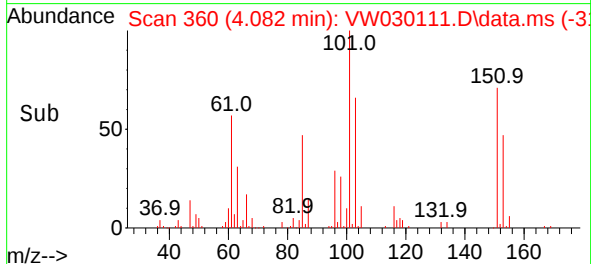
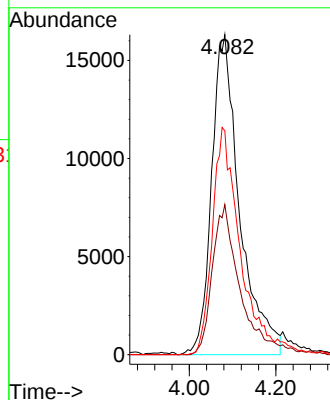
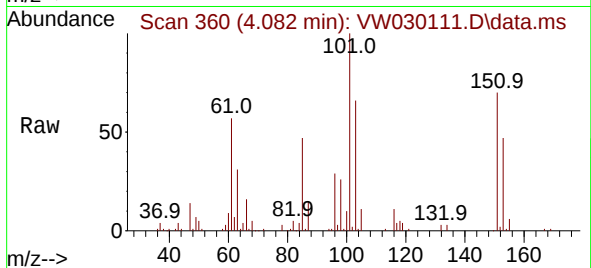
Tgt Ion:101 Resp: 73384

Ion Ratio Lower Upper

101 100

85 42.0 34.7 52.1

151 64.6 54.8 82.2



#12

1,1-Dichloroethene

Concen: 24.936 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

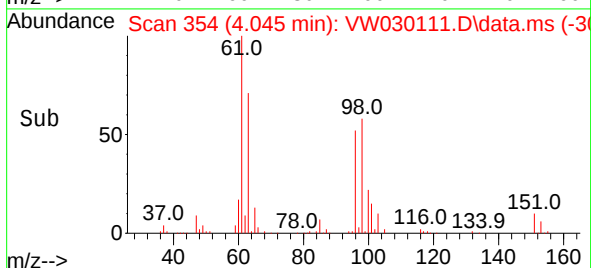
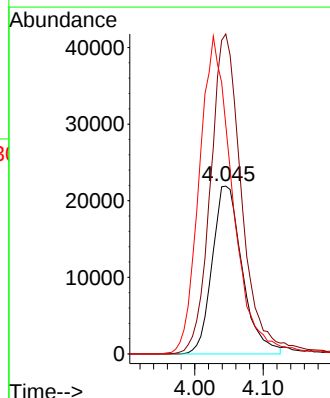
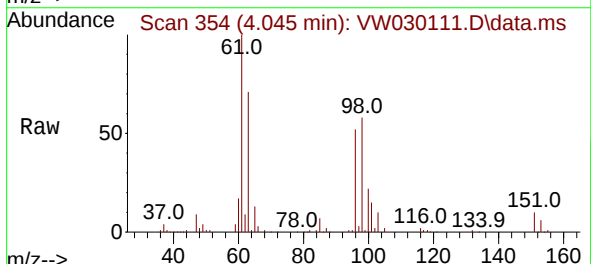
Tgt Ion: 96 Resp: 66741

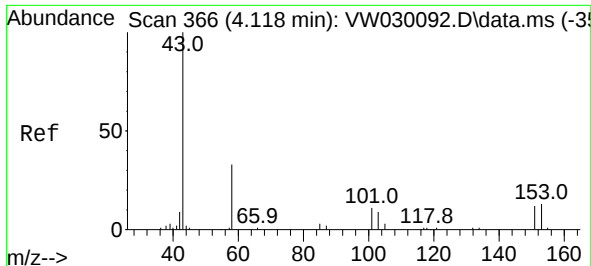
Ion Ratio Lower Upper

96 100

61 190.6 126.0 234.0

63 136.2 101.8 189.2

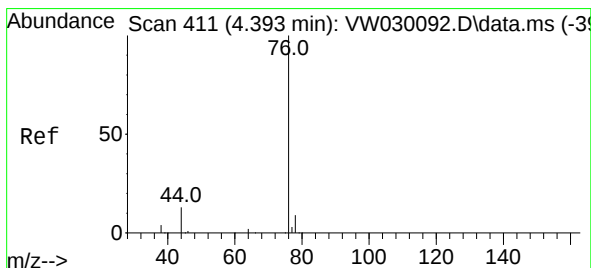
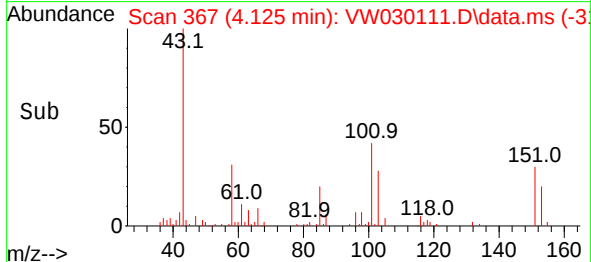
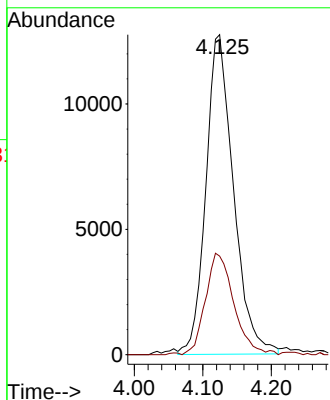
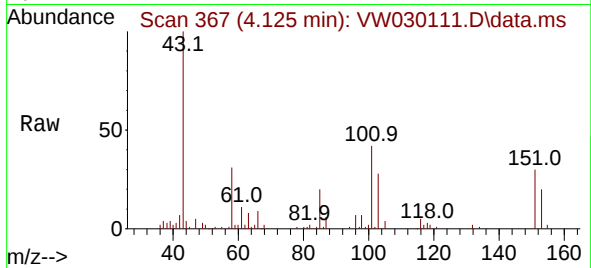




#13
Acetone
Concen: 62.925 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

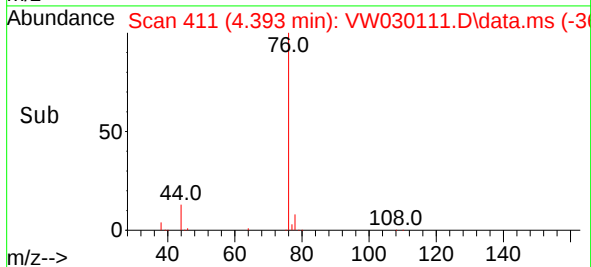
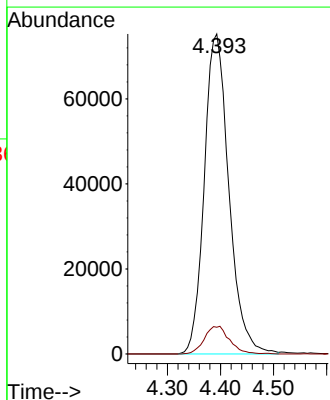
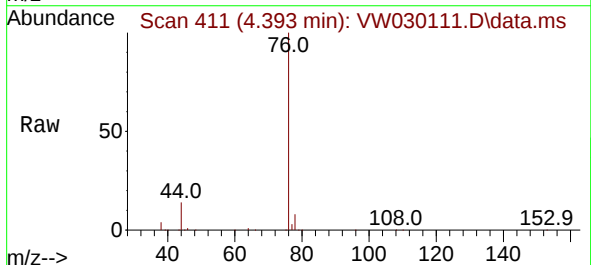
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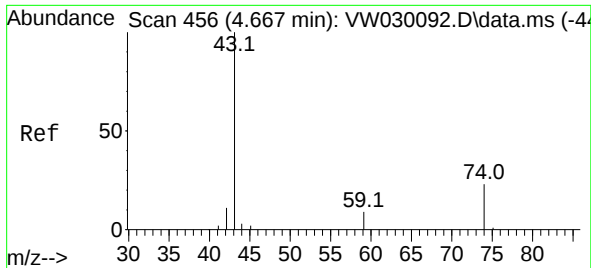
Tgt Ion: 43 Resp: 35650
Ion Ratio Lower Upper
43 100
58 32.3 0.0 66.4



#14
Carbon disulfide
Concen: 29.259 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion: 76 Resp: 242932
Ion Ratio Lower Upper
76 100
78 8.3 6.6 9.8

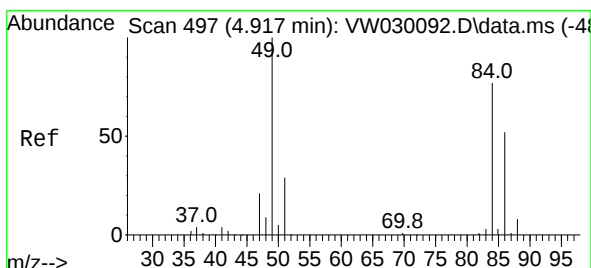
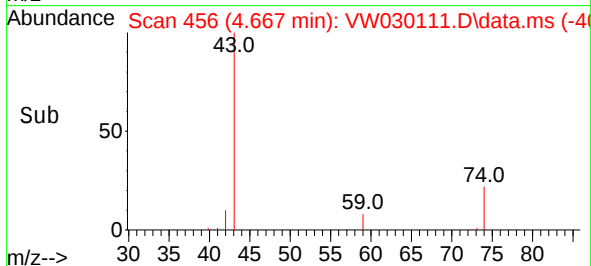
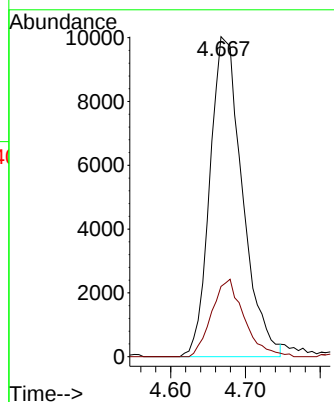
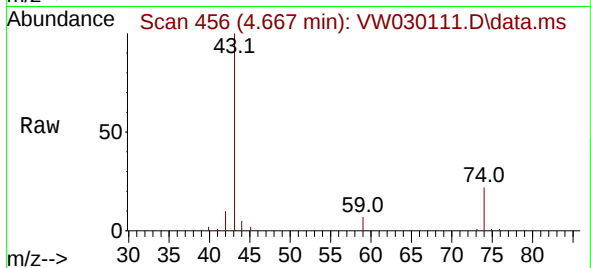




#15
Methyl Acetate
Concen: 27.455 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

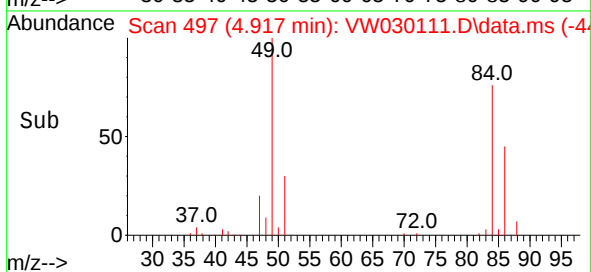
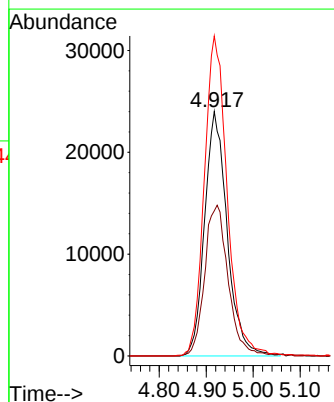
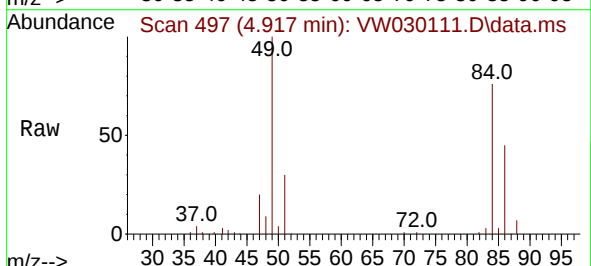
Instrument :
MSVOA_W
ClientSampleId :

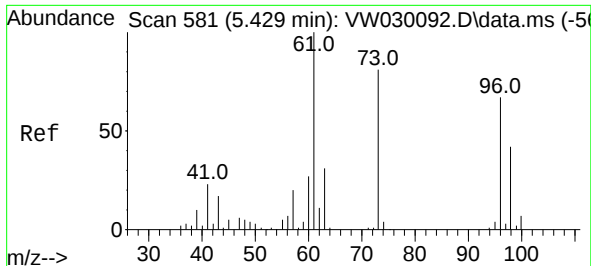
Tgt Ion: 43 Resp: 30326
Ion Ratio Lower Upper
43 100
74 24.2 19.9 29.9



#16
Methylene chloride
Concen: 23.200 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion: 84 Resp: 80024
Ion Ratio Lower Upper
84 100
86 59.3 44.2 82.2
49 130.9 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 25.000 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :

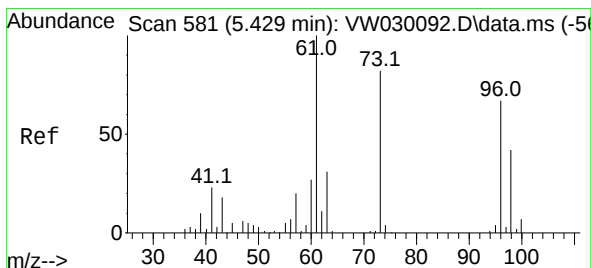
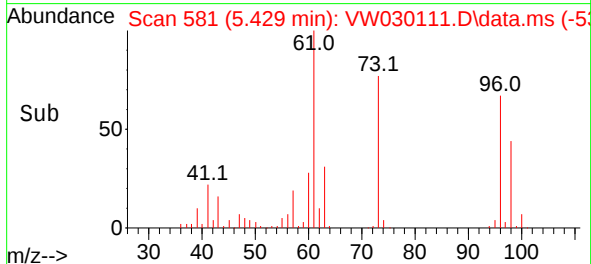
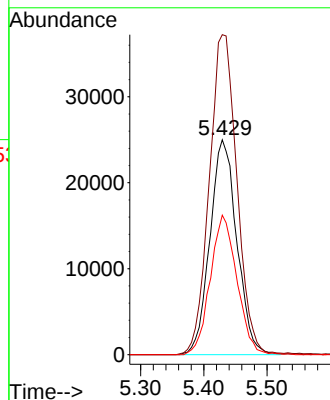
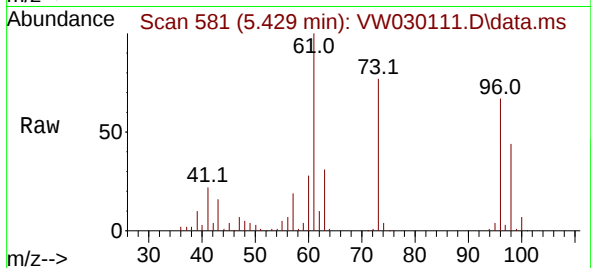
Tgt Ion: 96 Resp: 74001

Ion Ratio Lower Upper

96 100

61 148.9 98.3 182.7

98 64.9 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 22.983 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

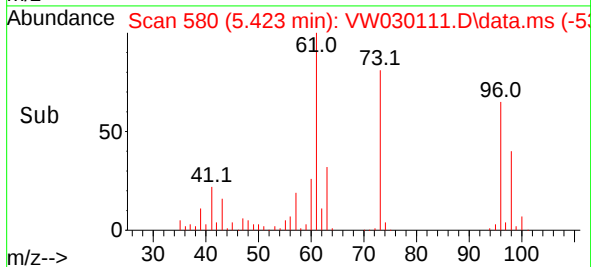
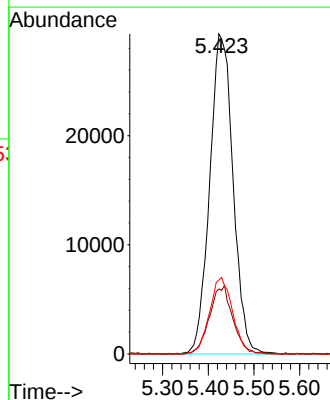
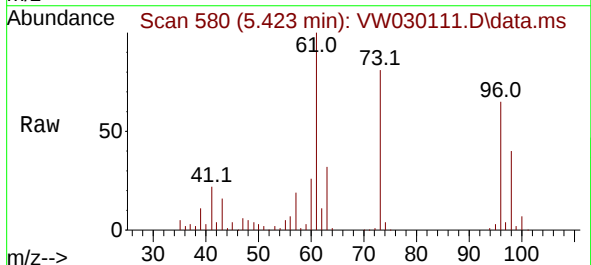
Tgt Ion: 73 Resp: 104038

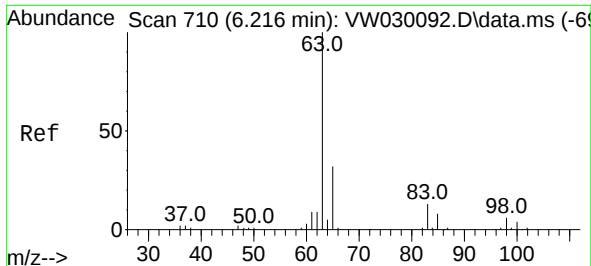
Ion Ratio Lower Upper

73 100

43 12.0 15.4 23.2#

57 23.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 27.336 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :

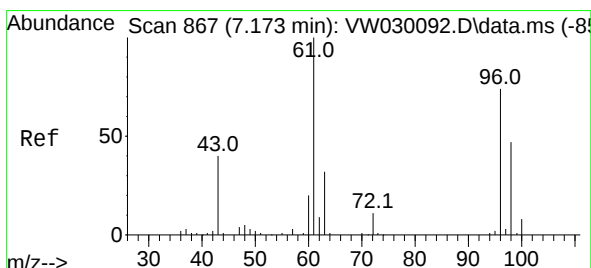
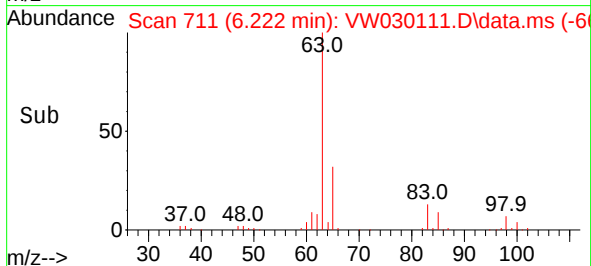
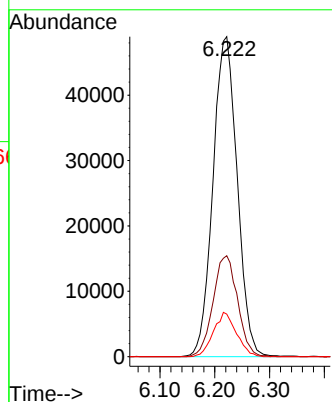
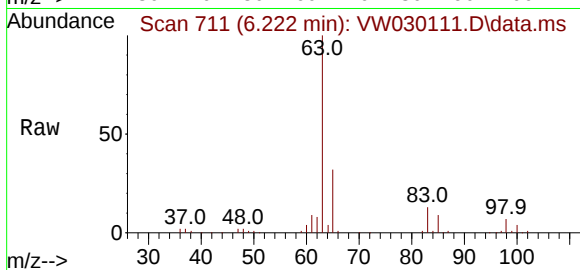
Tgt Ion: 63 Resp: 150360

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.0

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.043 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

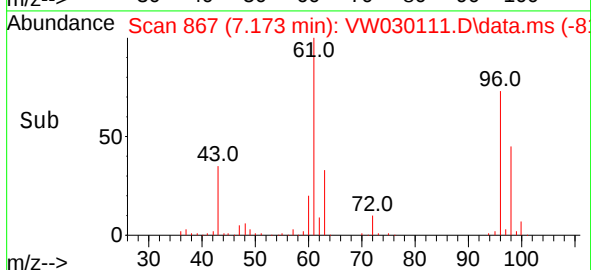
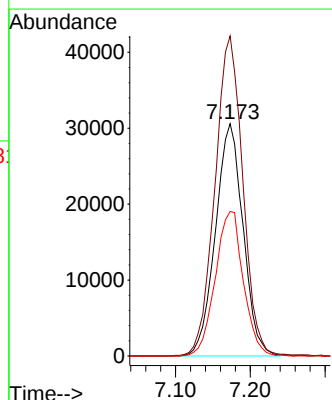
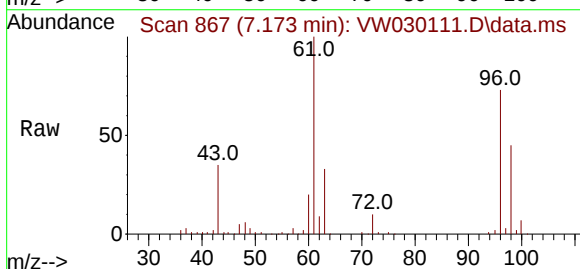
Tgt Ion: 96 Resp: 78659

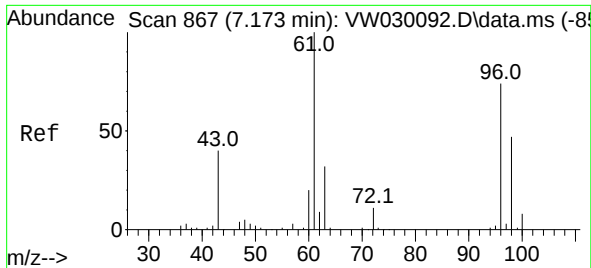
Ion Ratio Lower Upper

96 100

61 137.7 99.6 185.0

98 62.2 46.5 86.5





#22

2-Butanone

Concen: 52.616 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

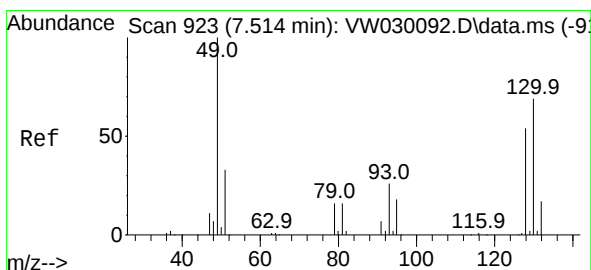
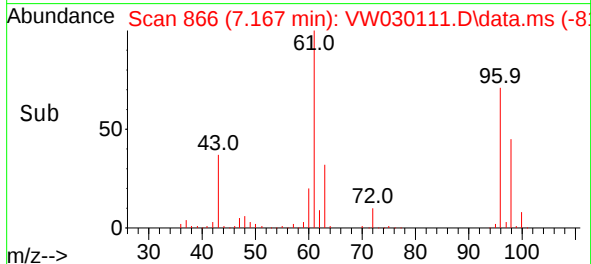
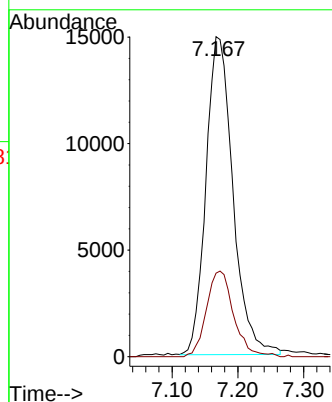
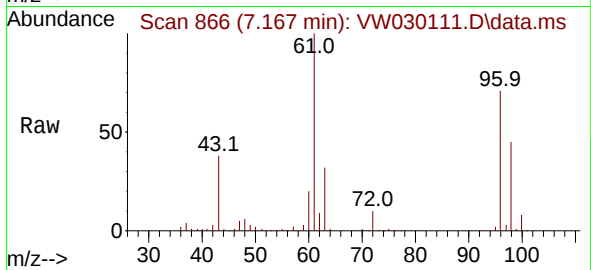
ClientSampleId :

Tgt Ion: 43 Resp: 42656

Ion Ratio Lower Upper

43 100

72 26.9 15.0 45.1



#23

Bromochloromethane

Concen: 24.740 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Tgt Ion:128 Resp: 34330

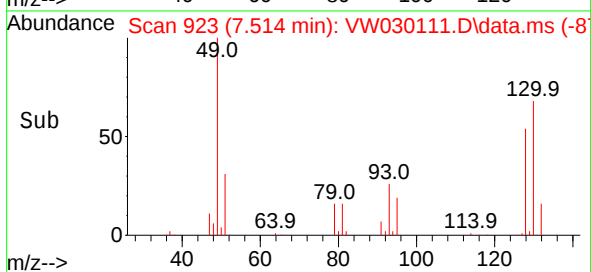
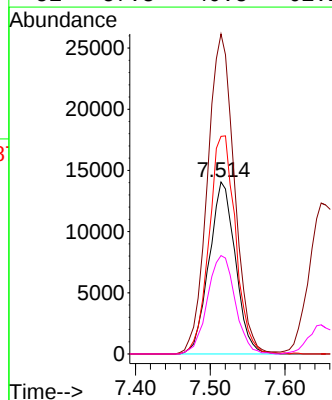
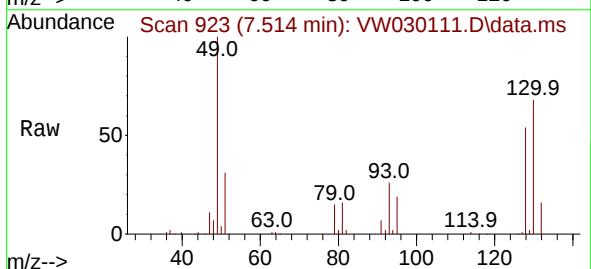
Ion Ratio Lower Upper

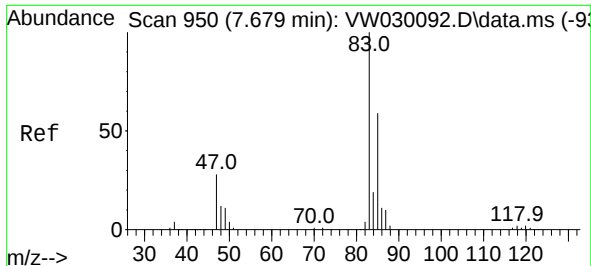
128 100

49 186.1 117.3 217.9

130 126.6 89.3 165.9

51 57.3 40.8 61.2





#25

Chloroform

Concen: 26.398 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

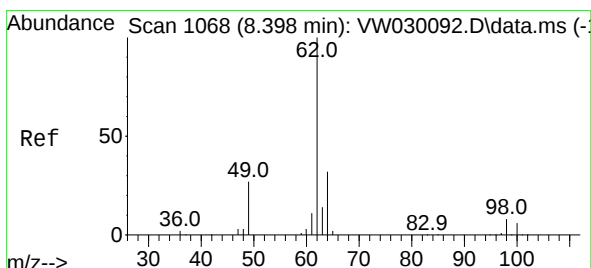
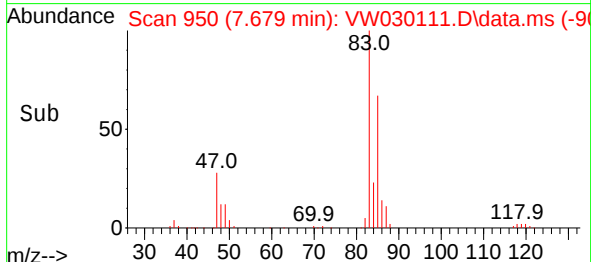
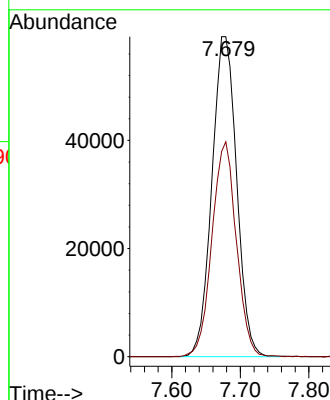
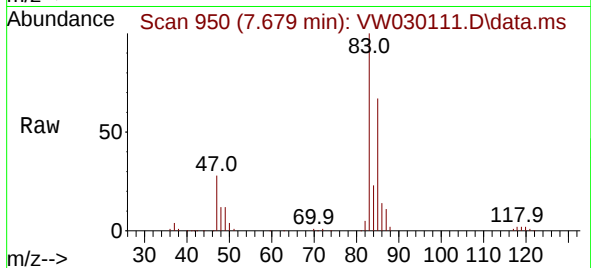
ClientSampleId :

Tgt Ion: 83 Resp: 148519

Ion Ratio Lower Upper

83 100

85 67.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.863 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030111.D

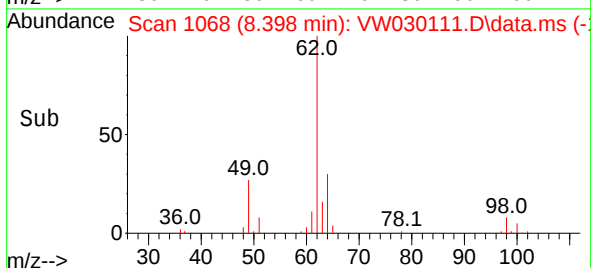
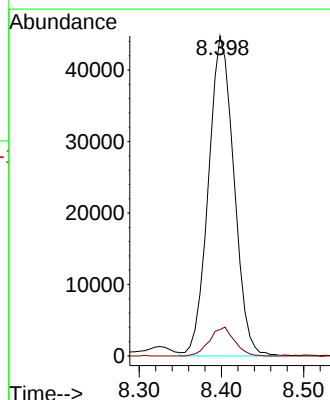
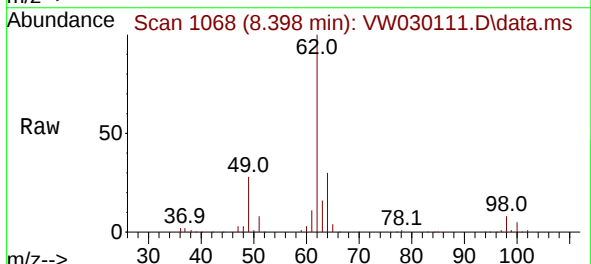
Acq: 30 Aug 2024 11:04

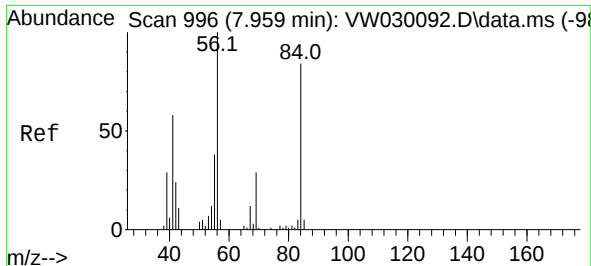
Tgt Ion: 62 Resp: 96744

Ion Ratio Lower Upper

62 100

98 8.3 7.7 11.5





#29

Cyclohexane

Concen: 25.862 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :

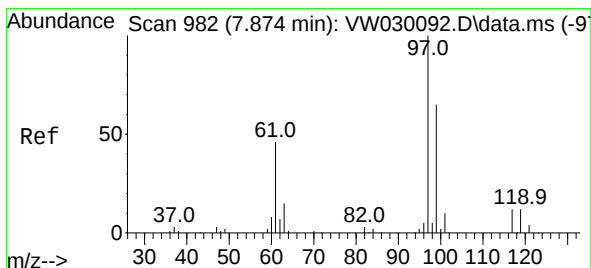
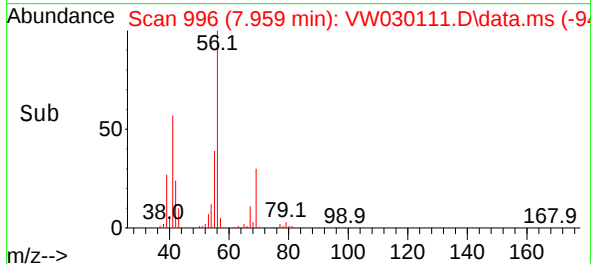
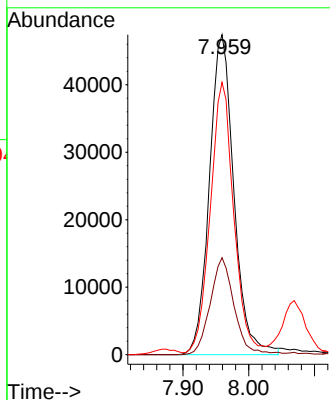
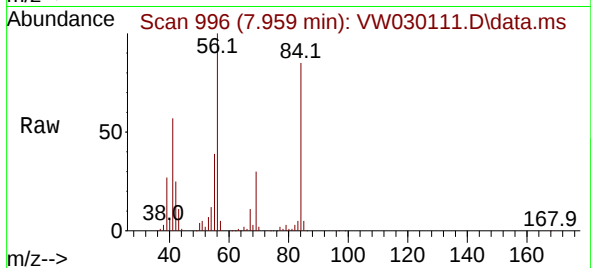
Tgt Ion: 56 Resp: 122991

Ion Ratio Lower Upper

56 100

69 29.2 24.4 36.6

84 81.2 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 26.203 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

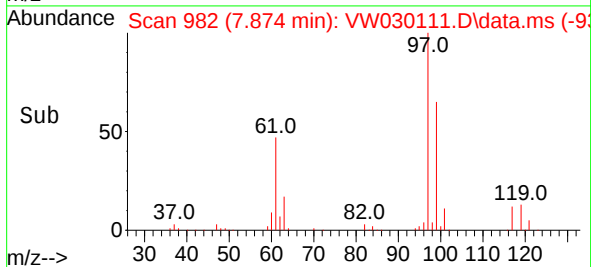
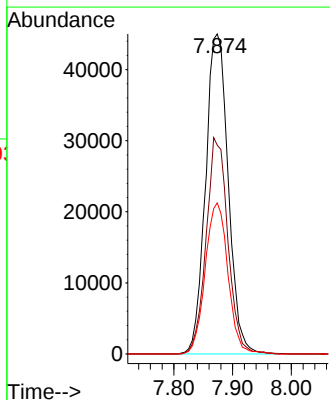
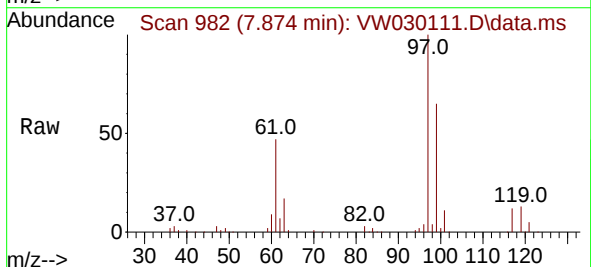
Tgt Ion: 97 Resp: 120878

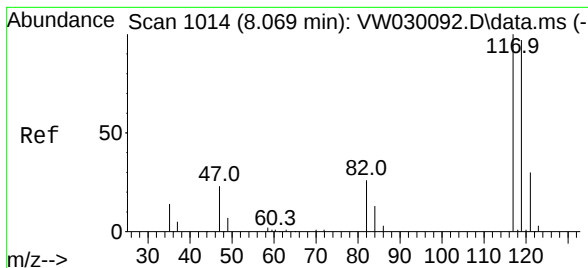
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 47.3 37.2 55.8





#31

Carbon tetrachloride

Concen: 26.786 ug/L

RT: 8.069 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

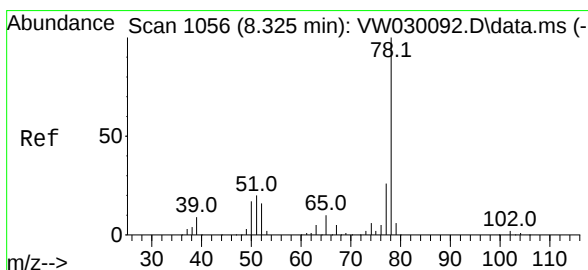
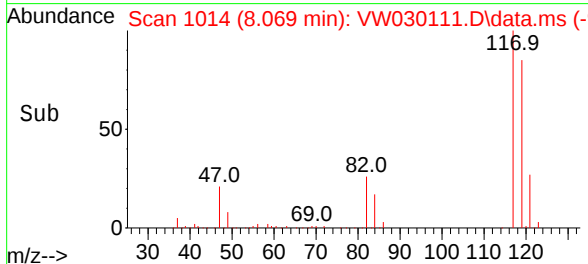
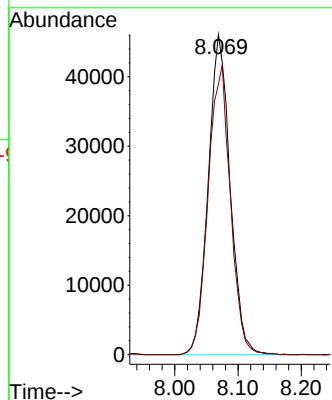
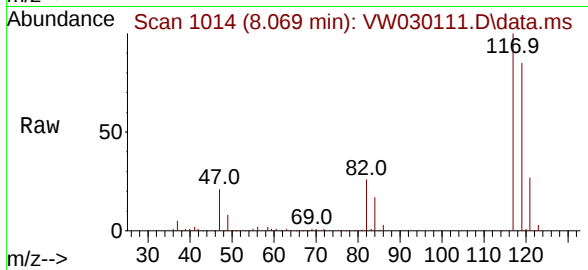
ClientSampleId :

Tgt Ion:117 Resp: 111015

Ion Ratio Lower Upper

117 100

119 91.8 77.7 116.5



#33

Benzene

Concen: 26.037 ug/L

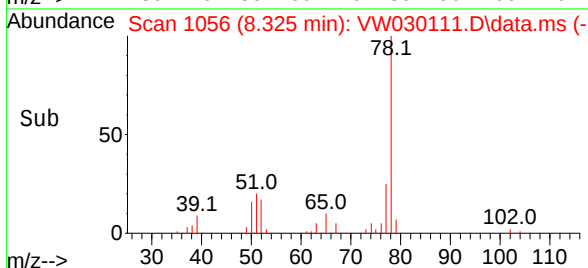
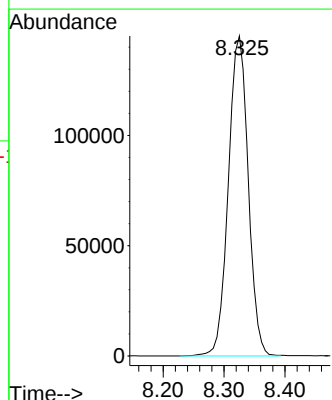
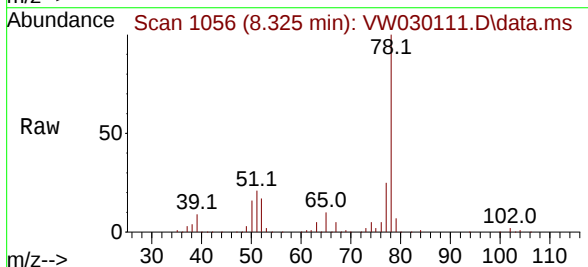
RT: 8.325 min Scan# 1056

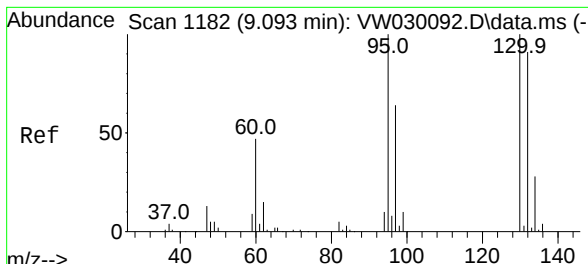
Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Tgt Ion: 78 Resp: 328560





#34

Trichloroethene

Concen: 24.692 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 83901

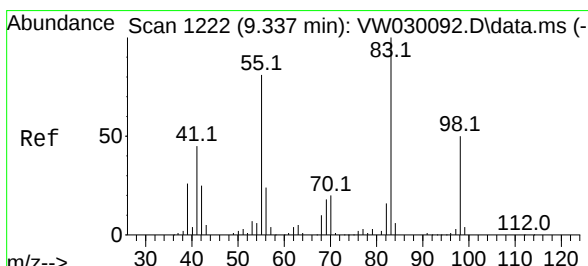
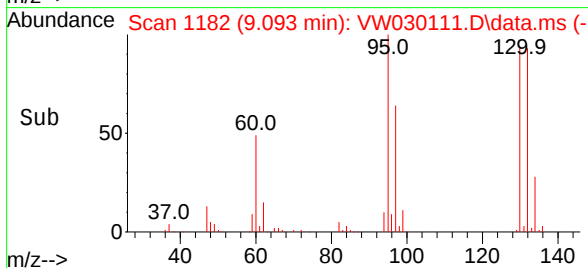
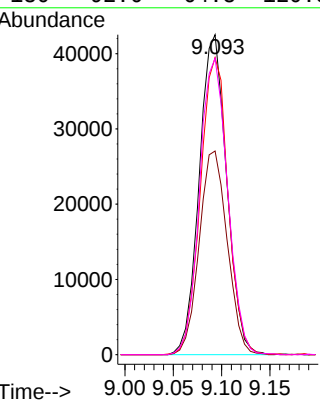
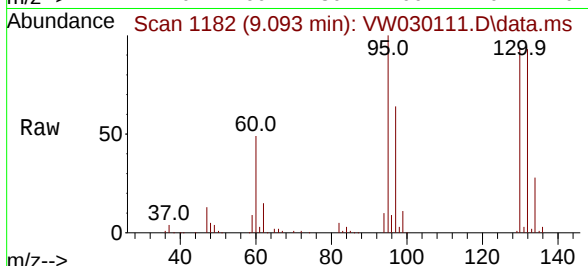
Ion Ratio Lower Upper

95 100

97 63.7 43.3 80.5

132 92.9 63.6 118.0

130 92.6 64.8 120.3



#35

Methylcyclohexane

Concen: 25.675 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

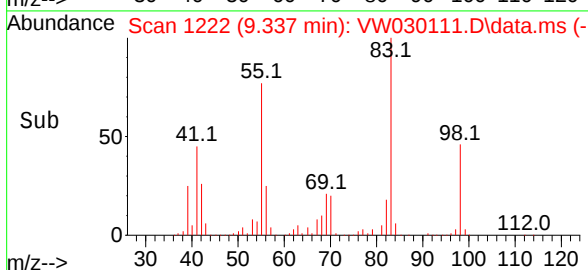
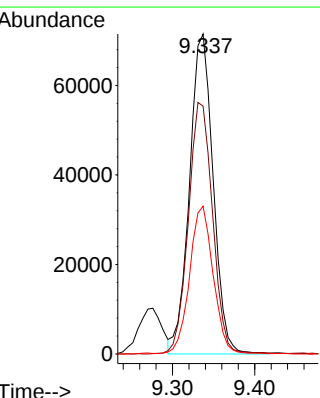
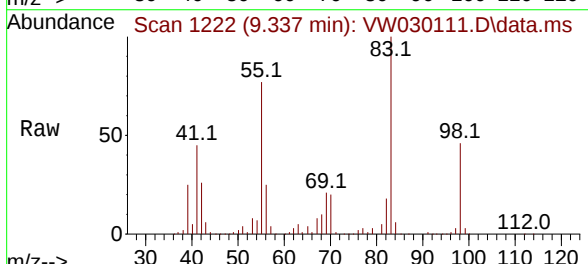
Tgt Ion: 83 Resp: 142887

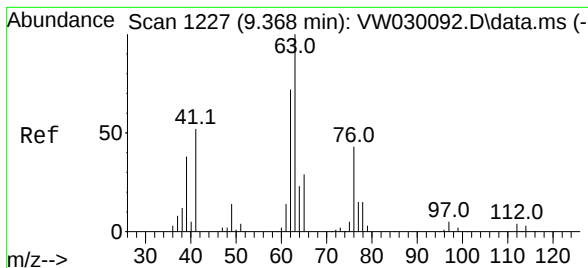
Ion Ratio Lower Upper

83 100

55 80.5 59.0 88.6

98 46.2 38.2 57.4





#37

1,2-Dichloropropane

Concen: 27.570 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

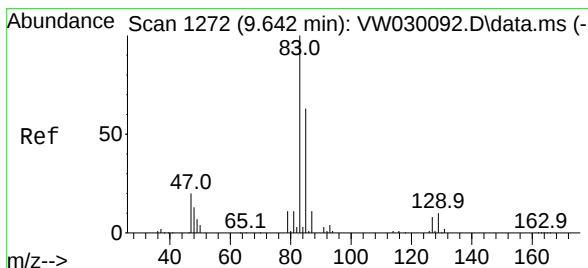
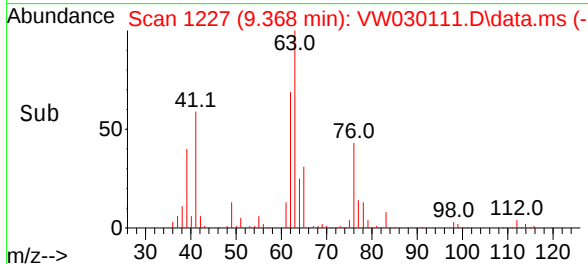
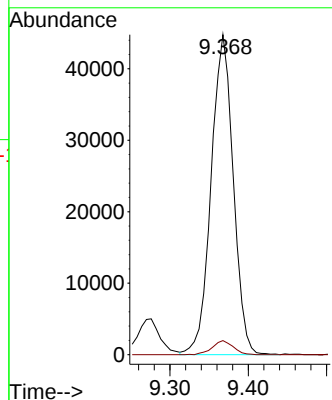
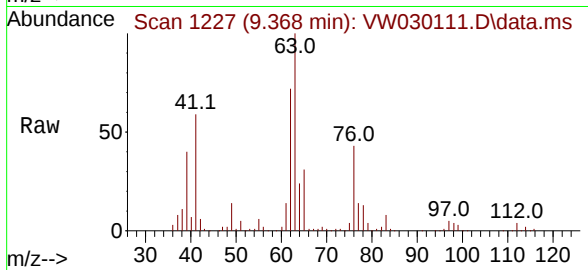
ClientSampleId :

Tgt Ion: 63 Resp: 88100

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 26.359 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

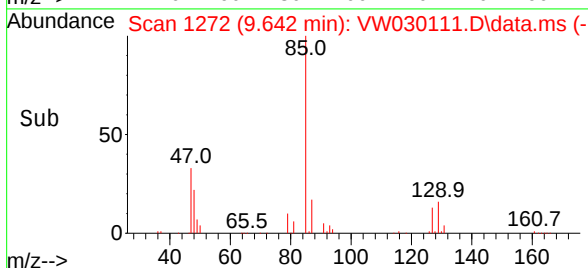
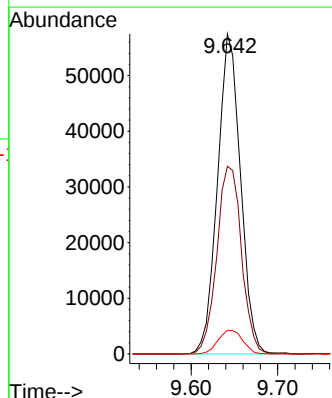
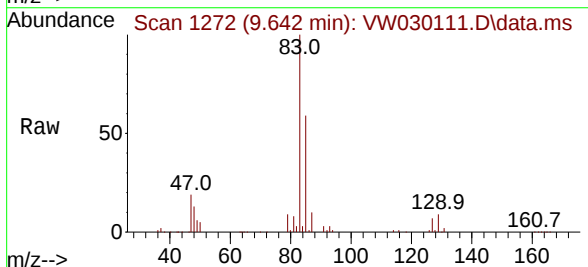
Tgt Ion: 83 Resp: 106276

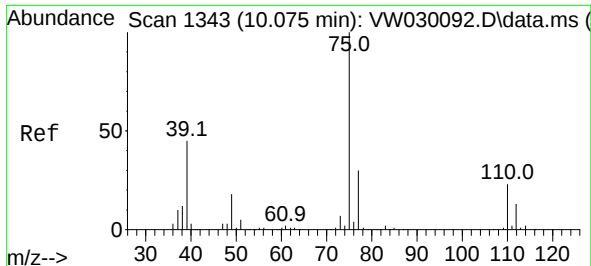
Ion Ratio Lower Upper

83 100

85 58.7 42.9 79.7

127 7.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 25.287 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

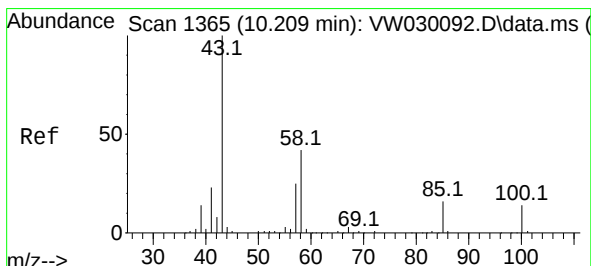
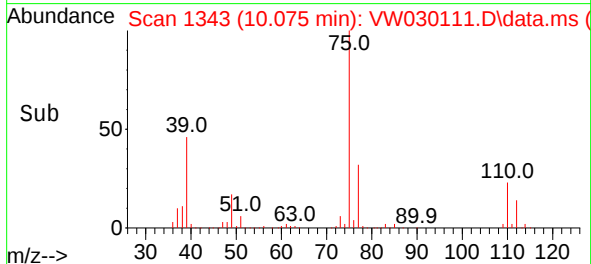
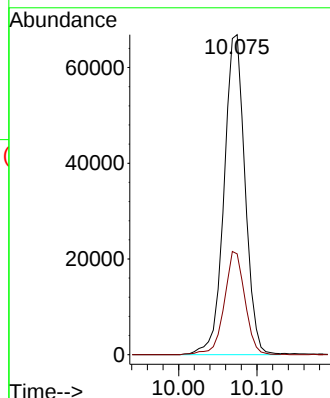
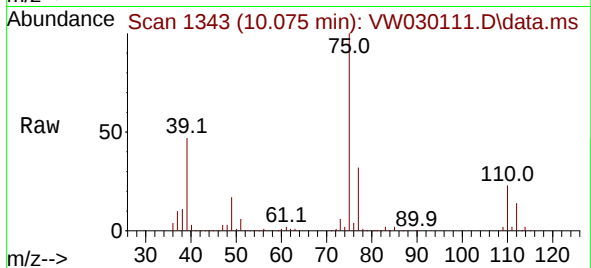
ClientSampleId :

Tgt Ion: 75 Resp: 124372

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.917 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

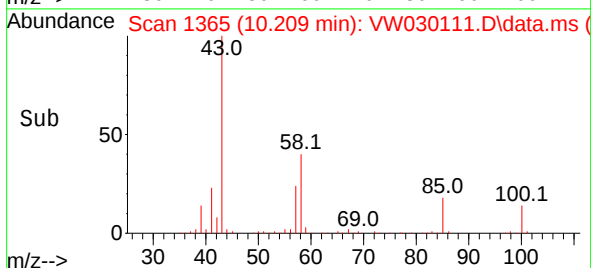
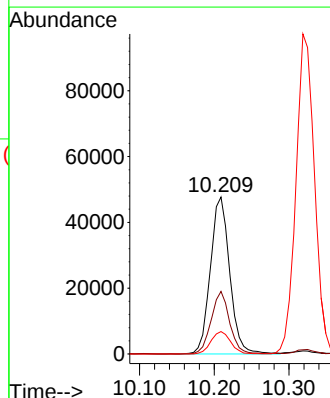
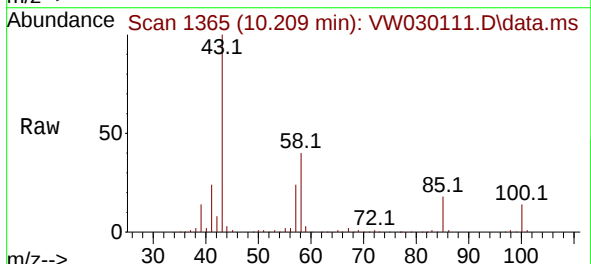
Tgt Ion: 43 Resp: 85763

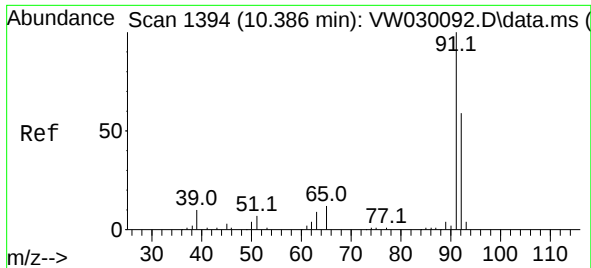
Ion Ratio Lower Upper

43 100

58 38.0 34.0 51.0

100 14.5 13.5 20.3





#42

Toluene

Concen: 26.170 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

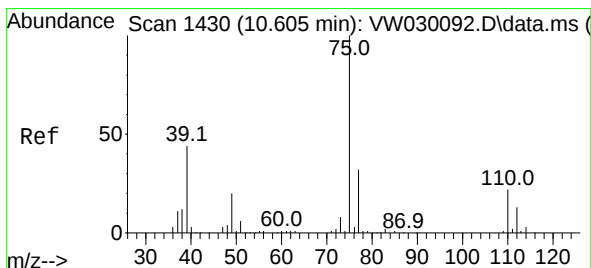
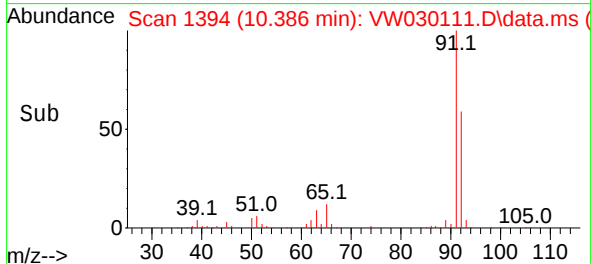
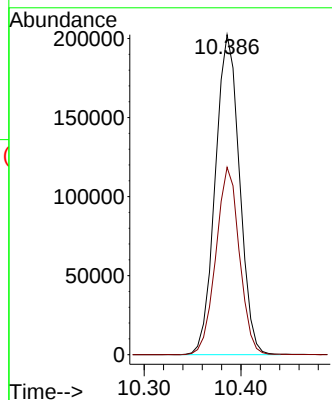
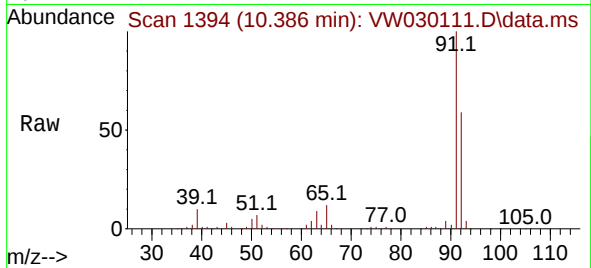
ClientSampleId :

Tgt Ion: 91 Resp: 351684

Ion Ratio Lower Upper

91 100

92 58.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.856 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030111.D

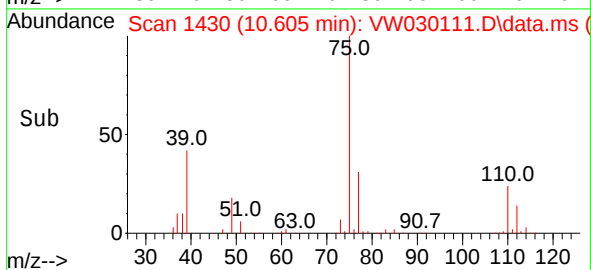
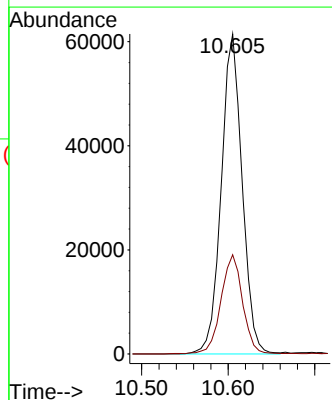
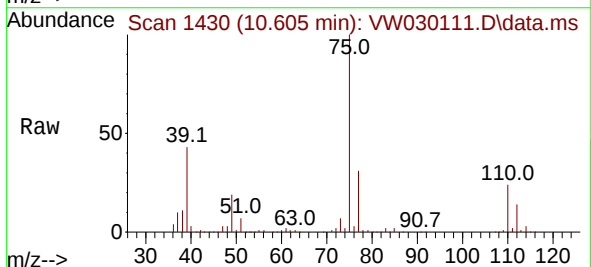
Acq: 30 Aug 2024 11:04

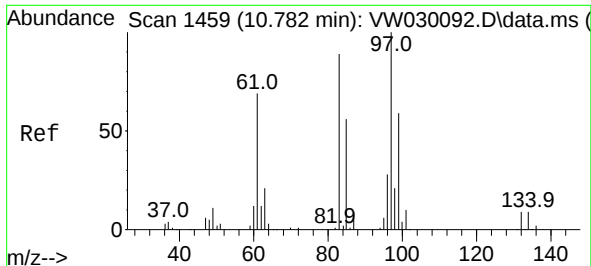
Tgt Ion: 75 Resp: 102904

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.822 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

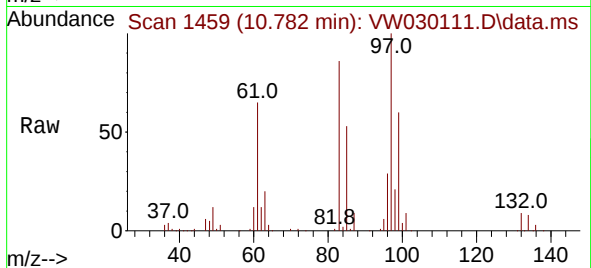
Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 58135

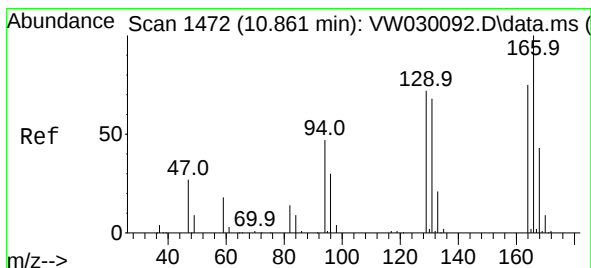
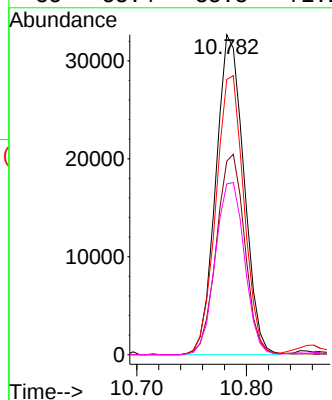
Ion Ratio Lower Upper

97 100

99 60.4 40.3 74.8

83 86.0 58.0 107.6

85 53.4 38.3 71.1



#46

Tetrachloroethene

Concen: 24.432 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Tgt Ion:164 Resp: 63010

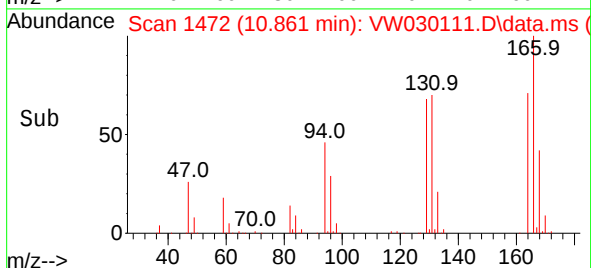
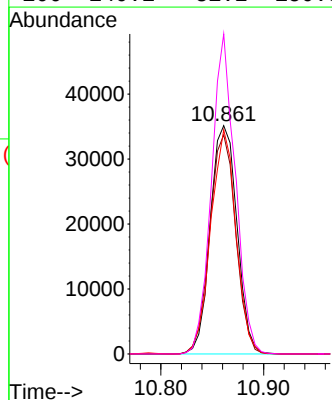
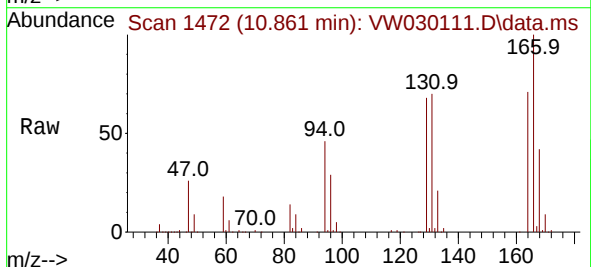
Ion Ratio Lower Upper

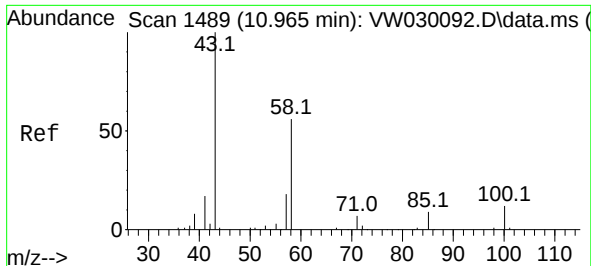
164 100

129 96.0 66.1 122.7

131 98.2 62.6 116.2

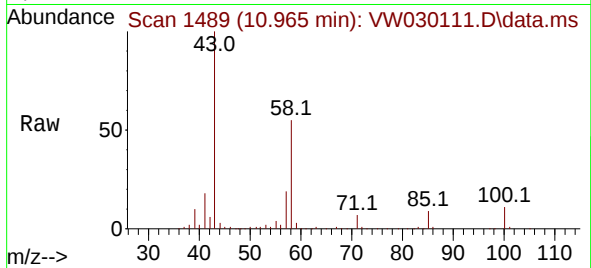
166 140.1 81.2 150.8



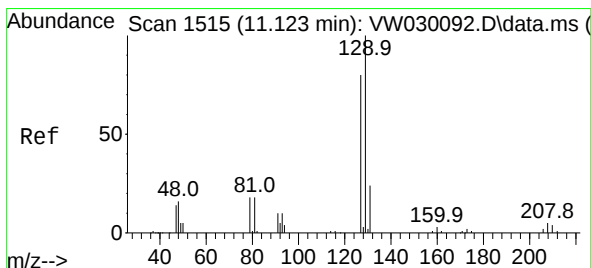
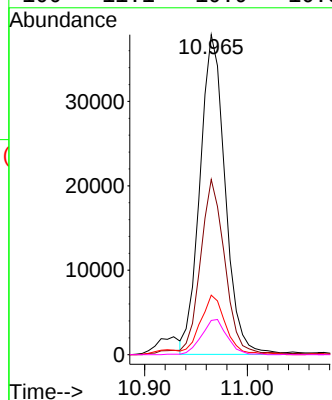
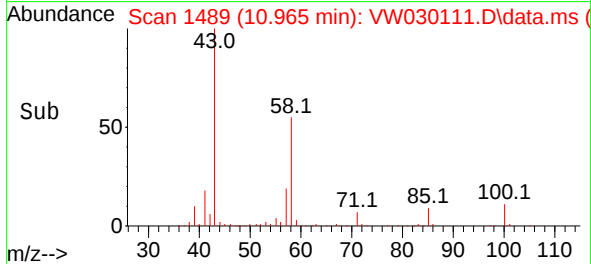


#48
2-Hexanone
Concen: 57.131 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Instrument :
MSVOA_W
ClientSampleId :

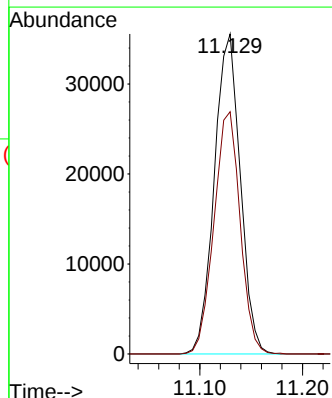
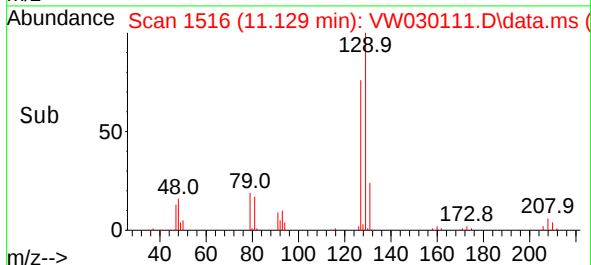
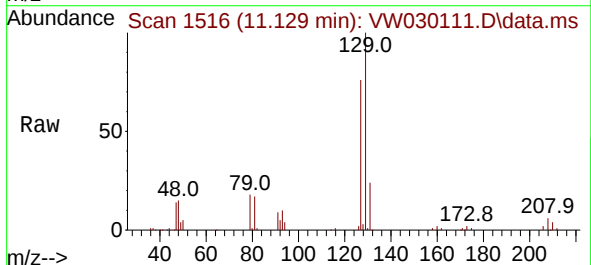


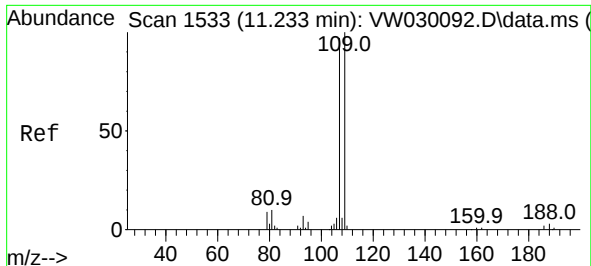
Tgt Ion: 43 Resp: 64603
Ion Ratio Lower Upper
43 100
58 52.0 50.0 75.0
57 17.8 17.3 25.9
100 11.1 10.9 16.3



#49
Dibromochloromethane
Concen: 25.050 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion:129 Resp: 62338
Ion Ratio Lower Upper
129 100
127 75.7 51.8 96.2





#50

1,2-Dibromoethane

Concen: 24.430 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

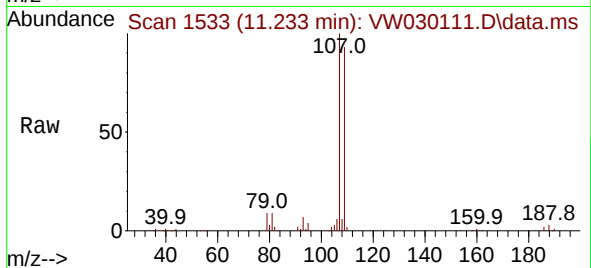
Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

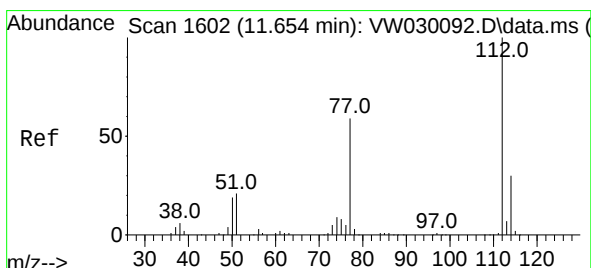
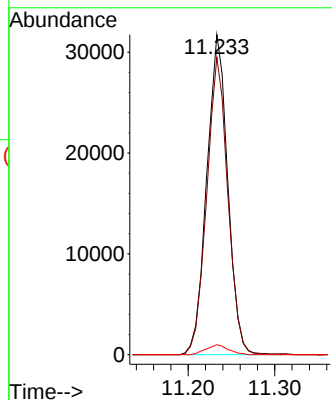
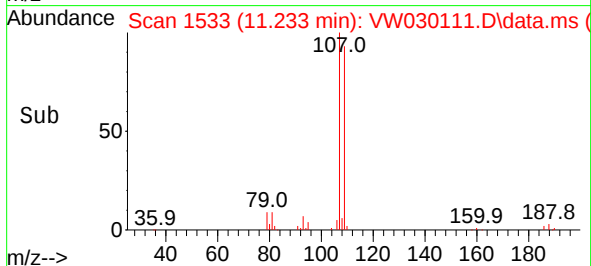
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	53448
Ion Ratio	Lower	Upper	
107	100		
109	92.9	61.7	114.5
188	3.1	3.1	4.7#



#51

Chlorobenzene

Concen: 24.511 ug/L

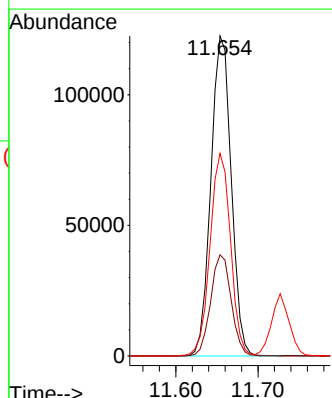
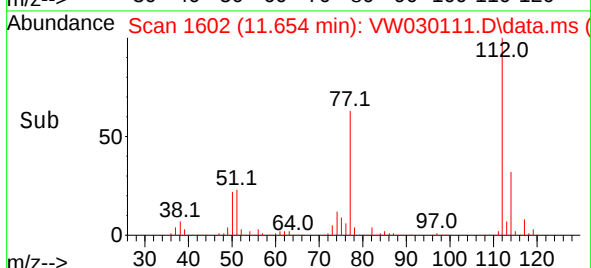
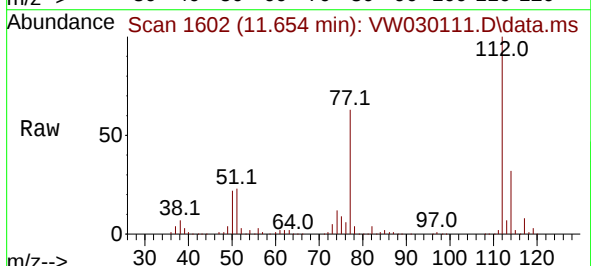
RT: 11.654 min Scan# 1602

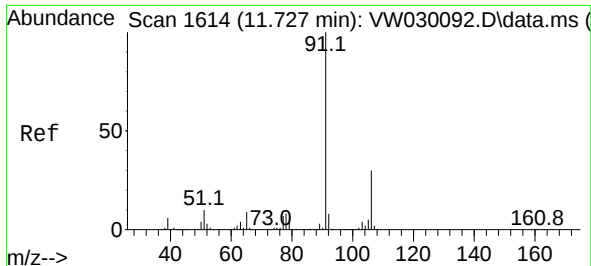
Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Tgt Ion:	112	Resp:	210610
Ion Ratio	Lower	Upper	
112	100		
114	31.6	20.9	38.9
77	63.3	47.1	70.7





#52

Ethylbenzene

Concen: 25.600 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030111.D

Acq: 30 Aug 2024 11:04

Instrument :

MSVOA_W

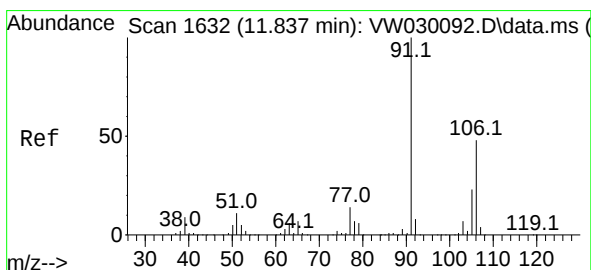
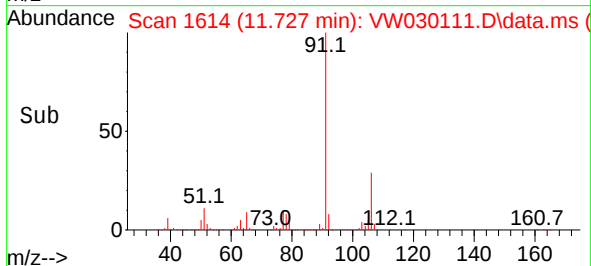
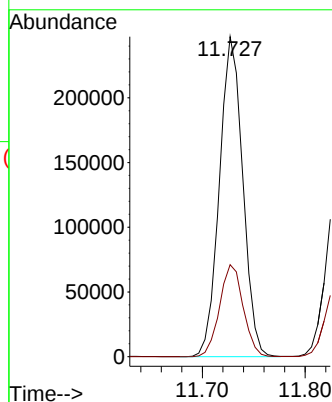
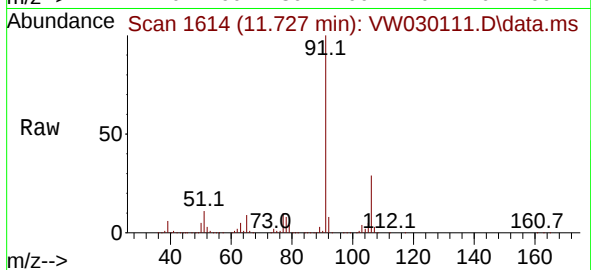
ClientSampleId :

Tgt Ion: 91 Resp: 389798

Ion Ratio Lower Upper

91 100

106 28.8 22.0 41.0



#53

m,p-Xylene

Concen: 25.321 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030111.D

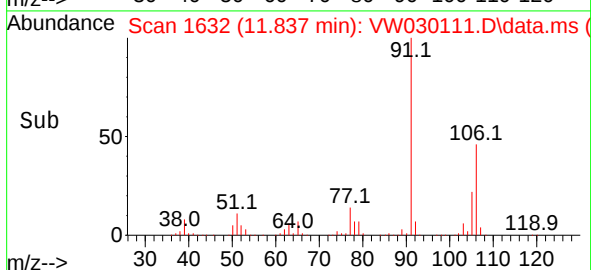
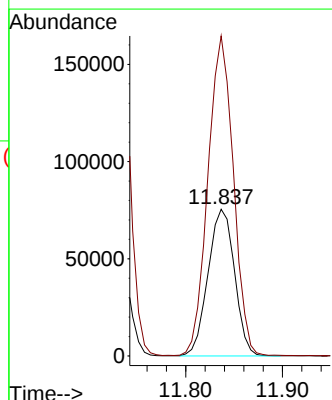
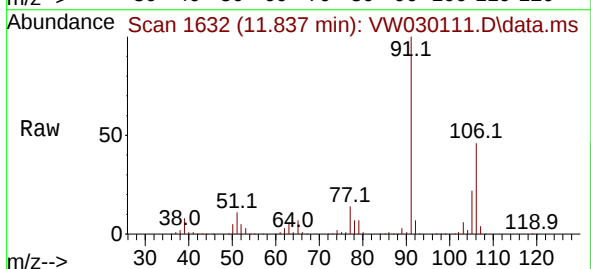
Acq: 30 Aug 2024 11:04

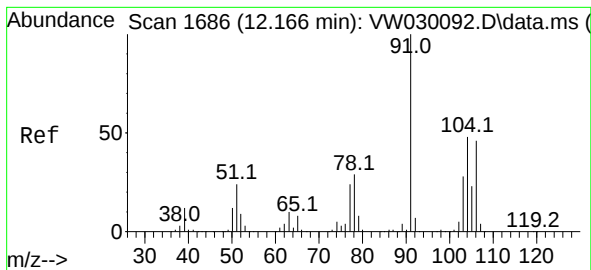
Tgt Ion:106 Resp: 143882

Ion Ratio Lower Upper

106 100

91 218.1 146.7 272.4

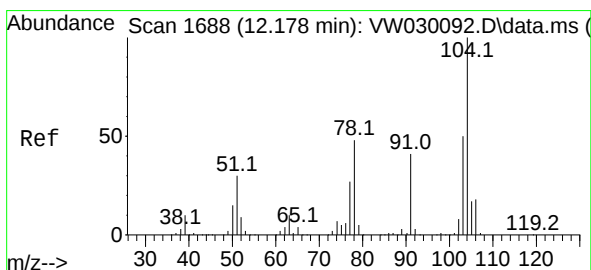
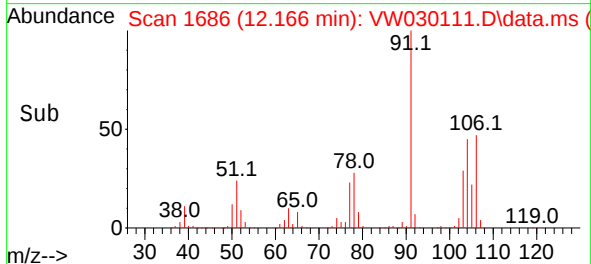
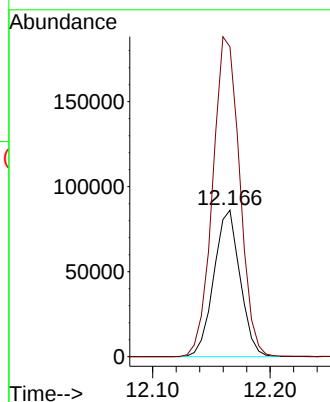
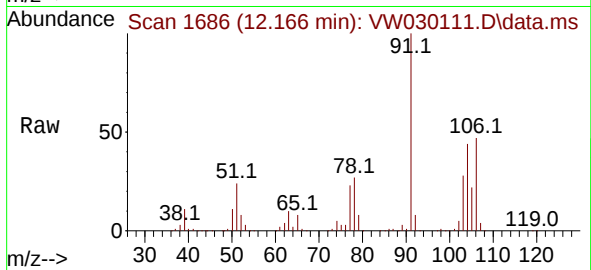




#54
o-Xylene
Concen: 24.538 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

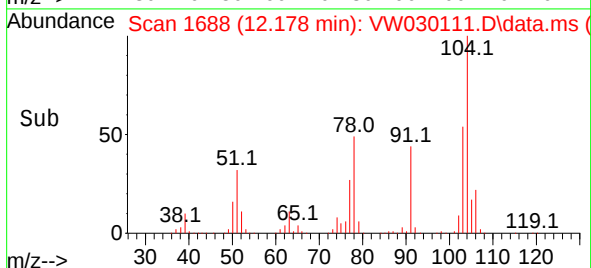
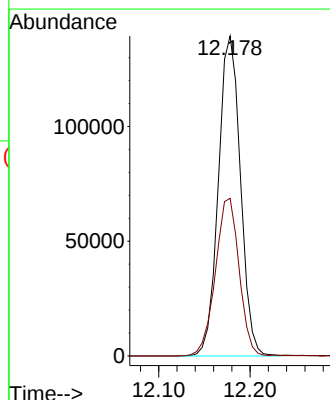
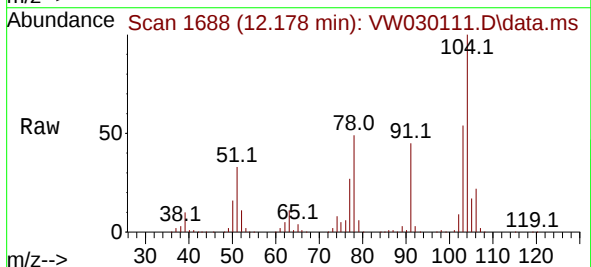
Instrument :
MSVOA_W
ClientSampleId :

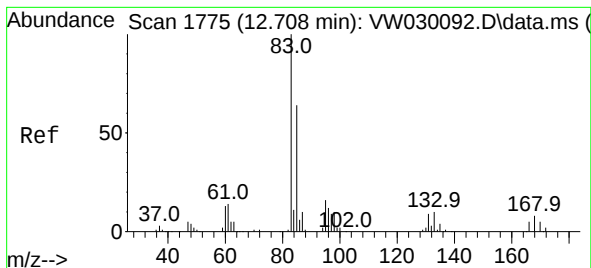
Tgt Ion:106 Resp: 133826
Ion Ratio Lower Upper
106 100
91 211.6 153.9 285.7



#55
Styrene
Concen: 25.612 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion:104 Resp: 234044
Ion Ratio Lower Upper
104 100
78 49.3 32.8 60.8

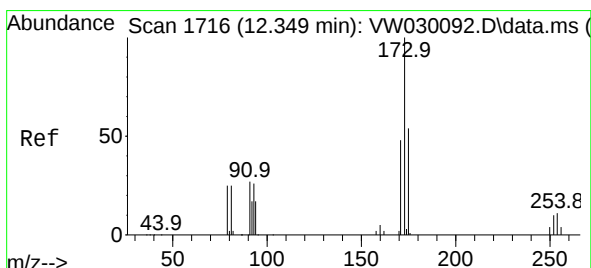
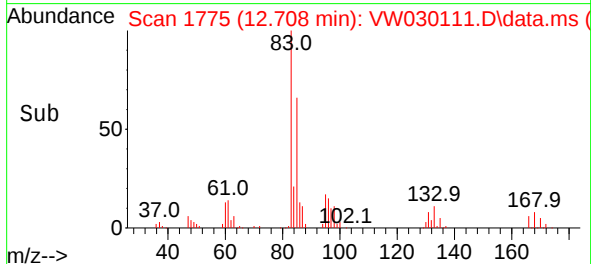
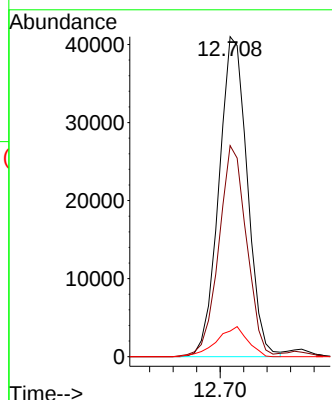
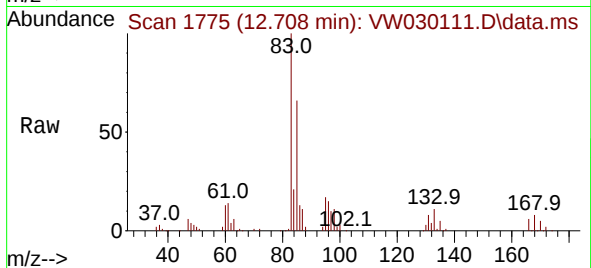




#57
1,1,2,2-Tetrachloroethane
Concen: 26.051 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

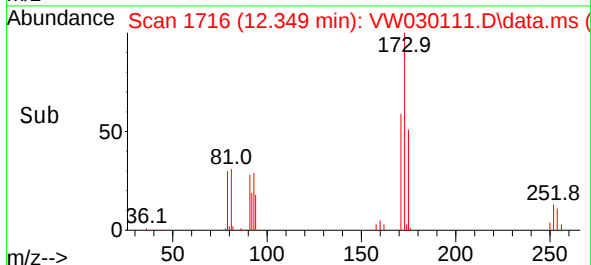
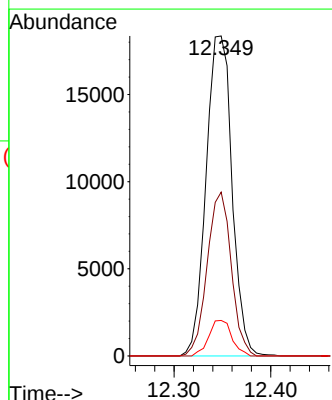
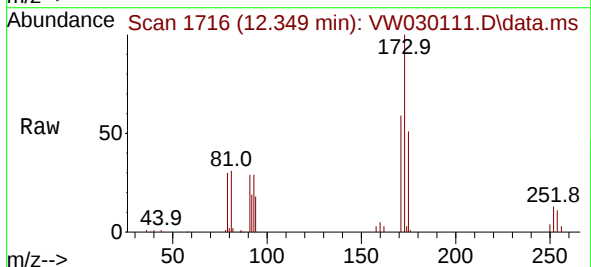
Instrument :
MSVOA_W
ClientSampleId :

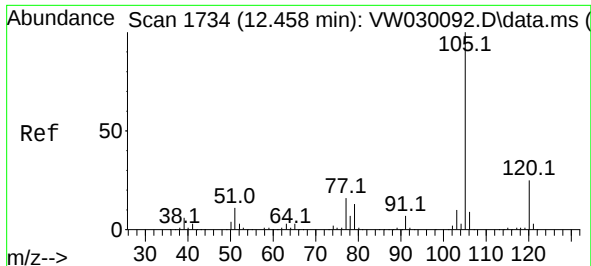
Tgt Ion: 83 Resp: 68708
Ion Ratio Lower Upper
83 100
85 66.0 44.0 81.8
131 8.0 7.3 10.9



#59
Bromoform
Concen: 23.810 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion:173 Resp: 34305
Ion Ratio Lower Upper
173 100
175 47.4 41.4 62.2
254 9.9 8.6 13.0

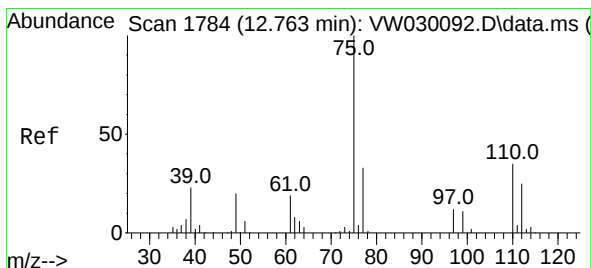
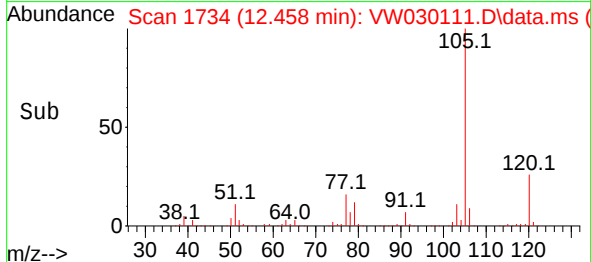
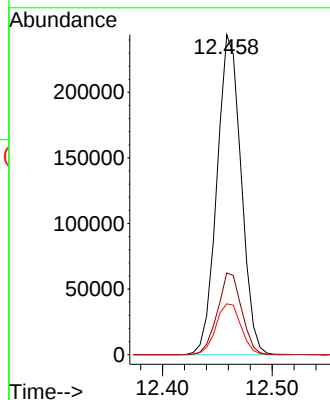
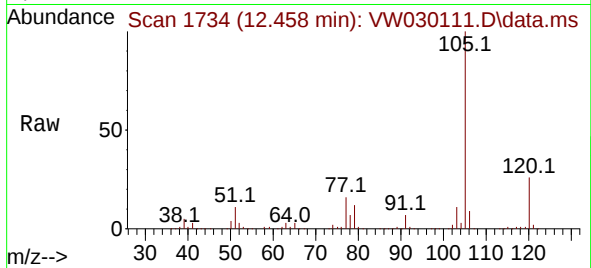




#60
Isopropylbenzene
Concen: 24.262 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

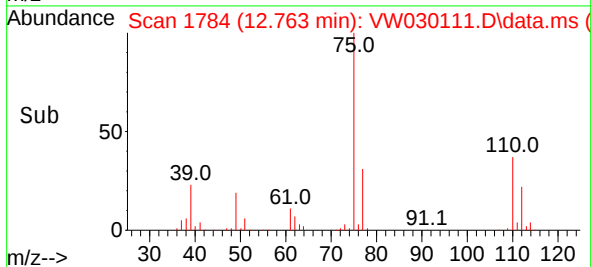
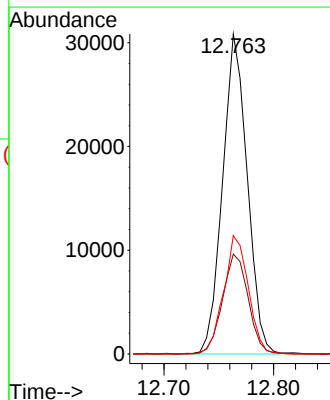
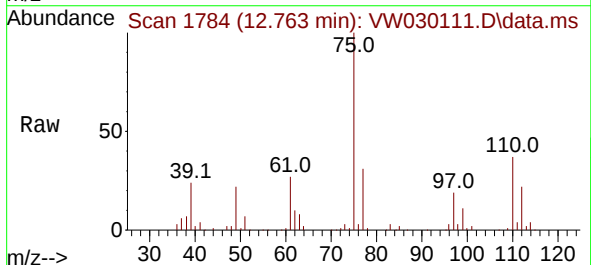
Instrument :
MSVOA_W
ClientSampleId :

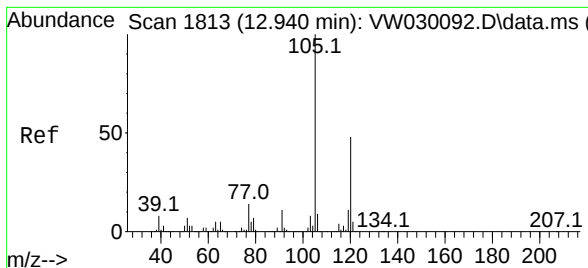
Tgt Ion:105 Resp: 374510
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 16.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.457 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion: 75 Resp: 48113
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 37.1 31.0 46.4

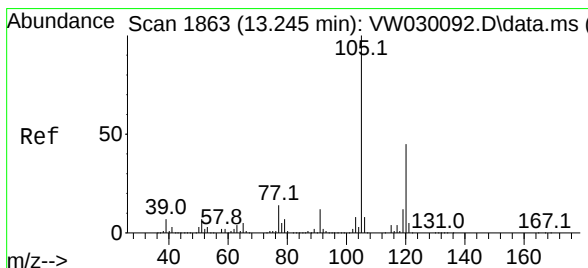
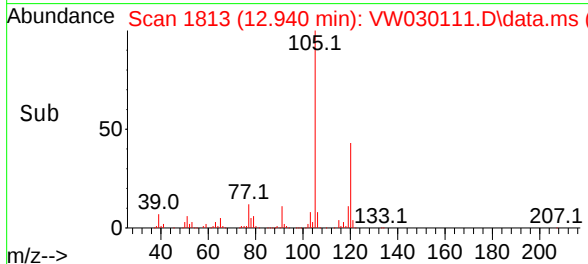
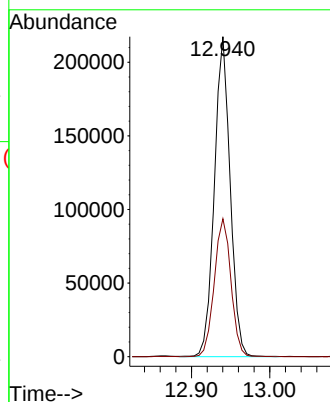
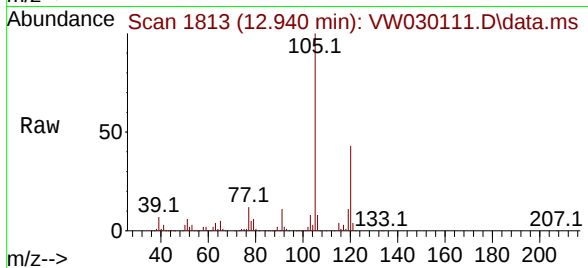




#62
1,3,5-Trimethylbenzene
Concen: 26.563 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

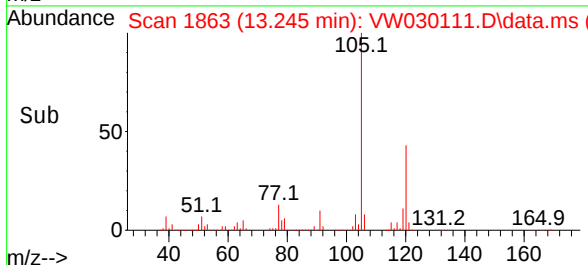
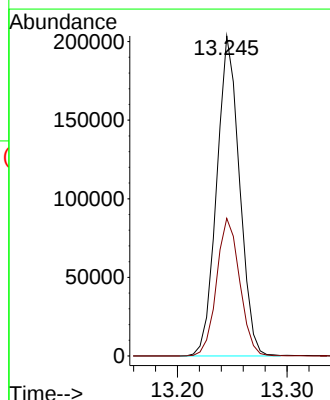
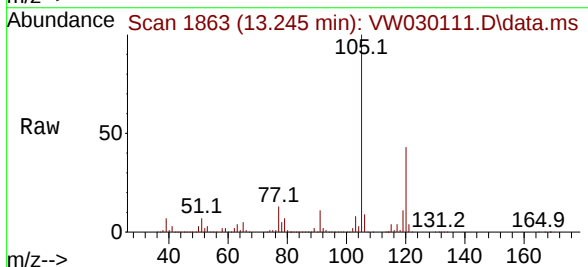
Instrument :
MSVOA_W
ClientSampleId :

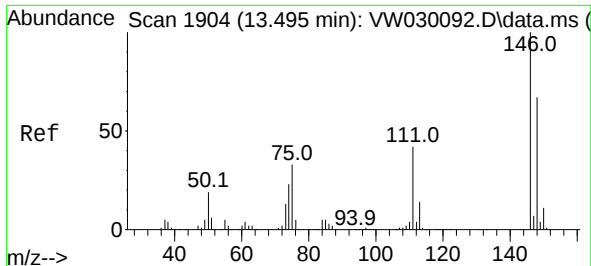
Tgt Ion:105 Resp: 304878
Ion Ratio Lower Upper
105 100
120 45.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.323 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

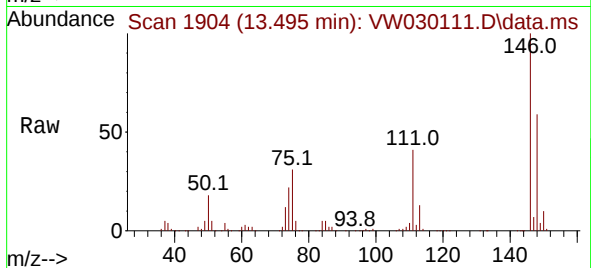
Tgt Ion:105 Resp: 294242
Ion Ratio Lower Upper
105 100
120 43.5 36.3 54.5



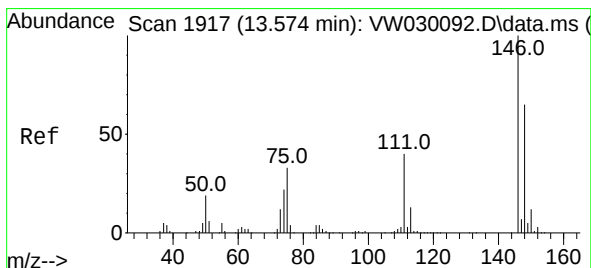
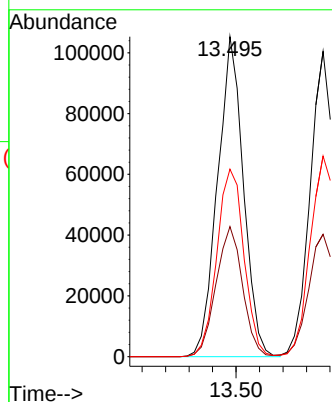
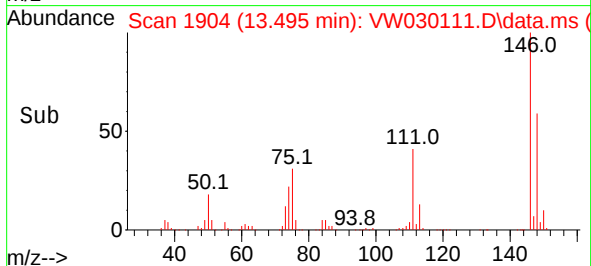


#64
1,3-Dichlorobenzene
Concen: 24.512 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Instrument :
MSVOA_W
ClientSampleId :

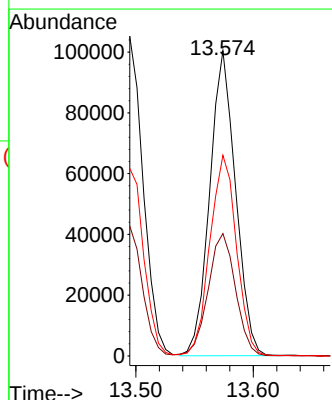
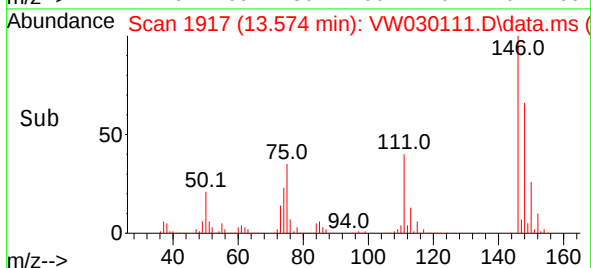
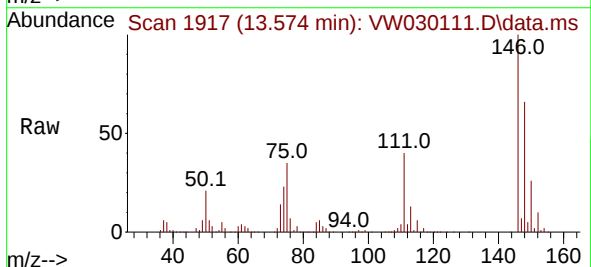


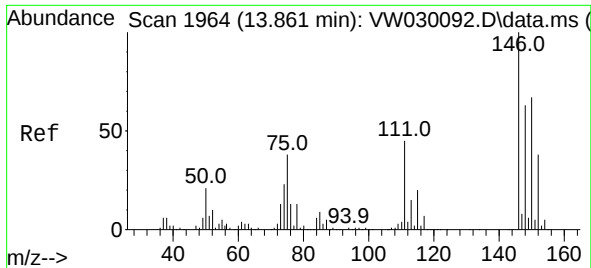
Tgt Ion:146 Resp: 161300
Ion Ratio Lower Upper
146 100
111 40.6 29.1 54.1
148 58.6 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 23.105 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion:146 Resp: 153593
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 65.7 45.8 85.2

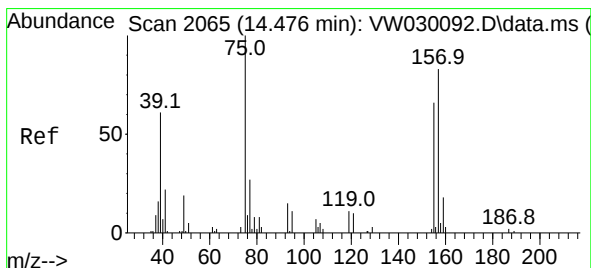
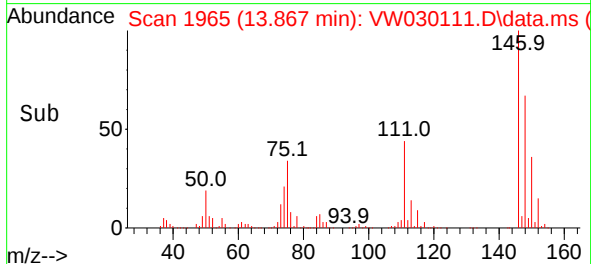
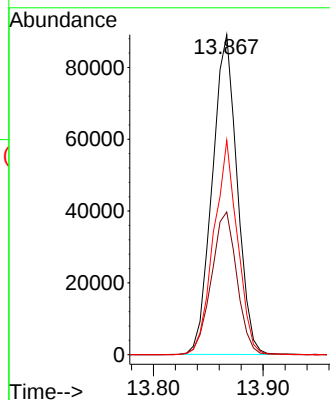
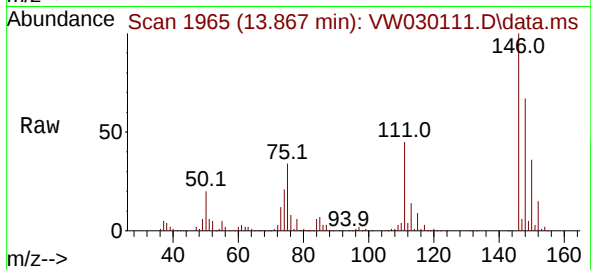




#67
1,2-Dichlorobenzene
Concen: 23.839 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

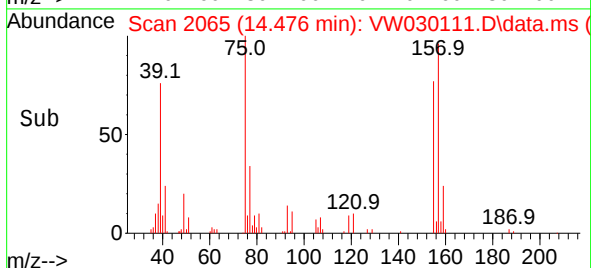
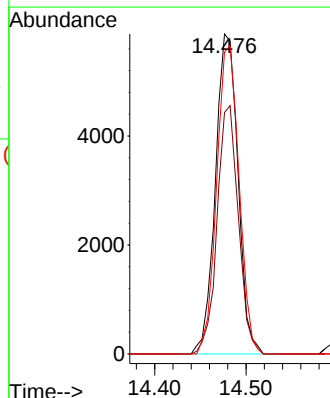
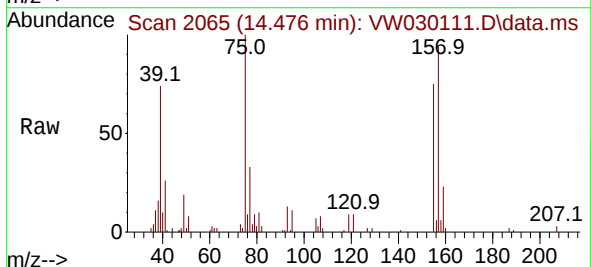
Instrument :
MSVOA_W
ClientSampleId :

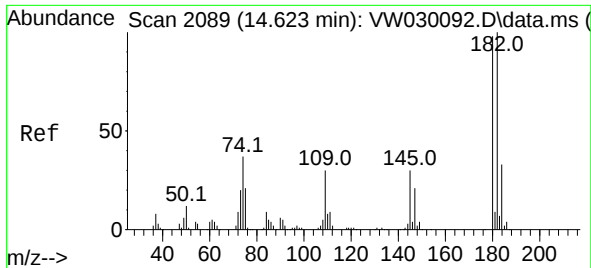
Tgt Ion:146 Resp: 140332
Ion Ratio Lower Upper
146 100
111 44.6 34.7 52.1
148 67.0 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 23.899 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

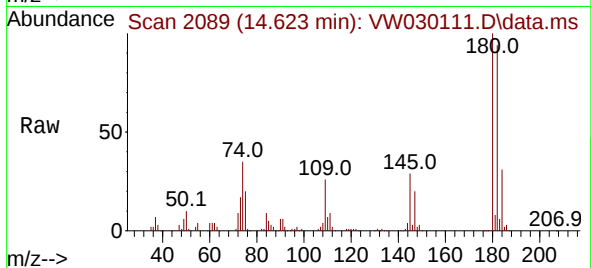
Tgt Ion: 75 Resp: 10064
Ion Ratio Lower Upper
75 100
155 75.5 62.8 94.2
157 94.3 84.3 126.5



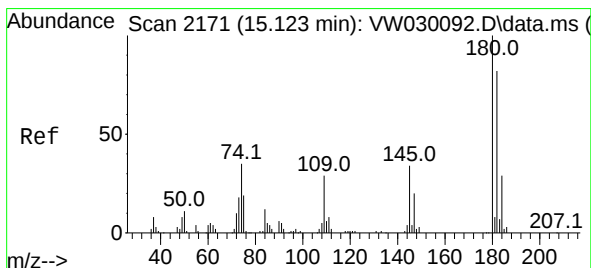
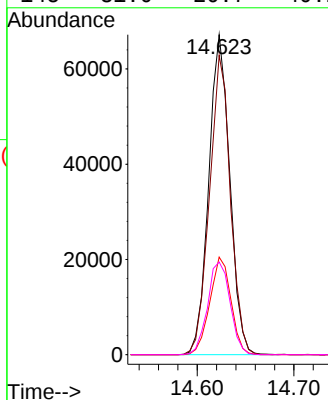
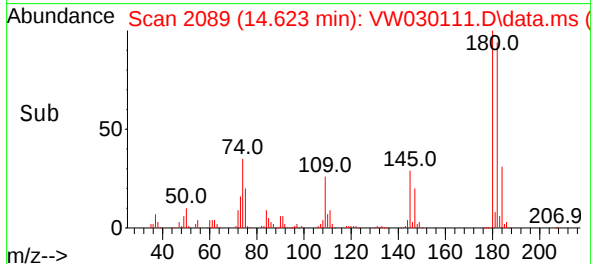


#69
1,3,5-Trichlorobenzene
Concen: 23.625 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

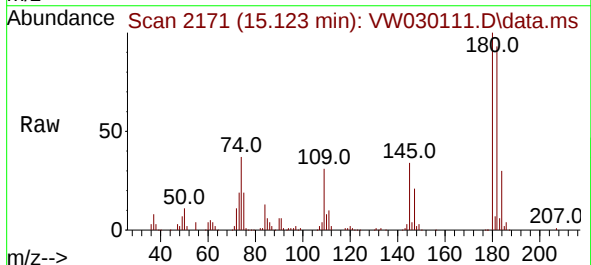
Instrument :
MSVOA_W
ClientSampleId :



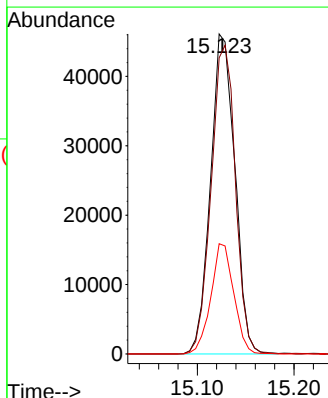
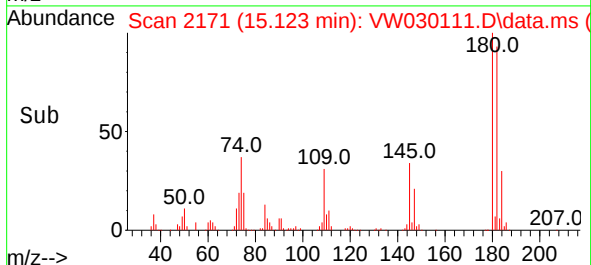
Tgt Ion:180 Resp: 101500
Ion Ratio Lower Upper
180 100
182 93.1 79.7 119.5
184 30.6 25.1 37.7
145 31.0 26.7 40.1

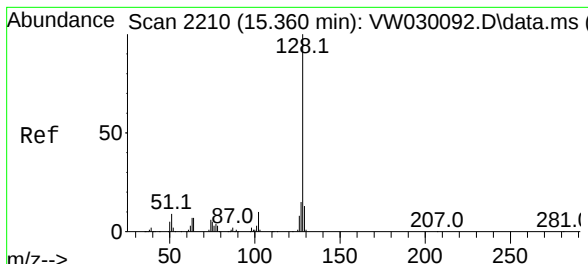


#70
1,2,4-trichlorobenzene
Concen: 21.712 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04



Tgt Ion:180 Resp: 80735
Ion Ratio Lower Upper
180 100
182 96.1 75.3 112.9
145 32.4 24.7 37.1



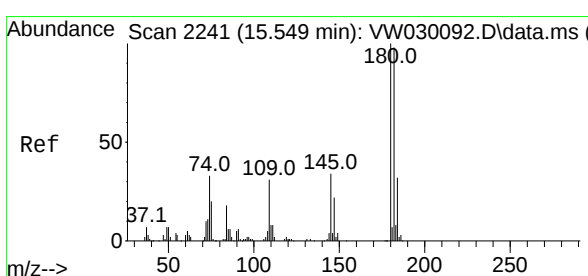
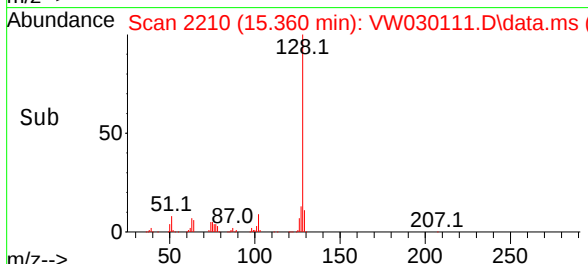
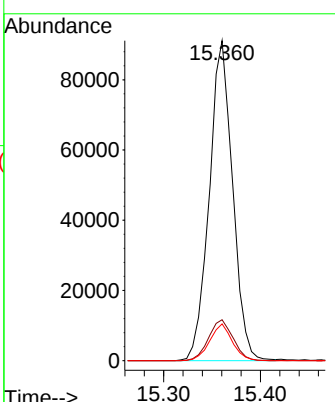
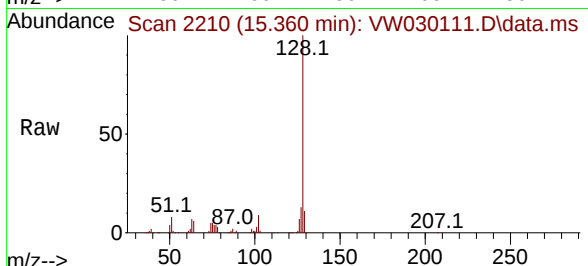


#71
Naphthalene
Concen: 21.505 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 152699

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.132 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030111.D
Acq: 30 Aug 2024 11:04

Tgt Ion:180 Resp: 75499

Ion	Ratio	Lower	Upper
180	100		
182	91.1	77.2	115.8
145	34.2	26.5	39.7

