

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111824\
 Data File : VW031052.D
 Acq On : 18 Nov 2024 18:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 19 00:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 19 00:28:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	168026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107999	18.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
7) Chloroethane-d5	2.899	69	90065	20.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.840%
11) 1,1-Dichloroethene-d2	4.021	65	49962	21.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.400%
21) 2-Butanone-d5	7.081	46	47152	49.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.840%
24) Chloroform-d	7.648	84	268927	26.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.307	65	125762	24.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.276	84	503918	25.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.270	67	151121	25.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.680%
41) Toluene-d8	10.319	98	451693	25.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	10.575	79	58921	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.922	63	39683	52.003	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111959	27.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	159213	26.013	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69471	18.637	ug/L	94
3) Chloromethane	2.222	50	83735	16.671	ug/L	98
5) Vinyl chloride	2.375	62	109385	18.376	ug/L	94
6) Bromomethane	2.795	94	74654	19.101	ug/L	91
8) Chloroethane	2.936	64	69696	19.314	ug/L	96
9) Trichlorofluoromethane	3.271	101	121762	22.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	113643	22.724	ug/L	91
12) 1,1-Dichloroethene	4.045	96	106285	23.498	ug/L	90
13) Acetone	4.131	43	38140	33.063	ug/L	94
14) Carbon disulfide	4.387	76	335843	22.586	ug/L	98
15) Methyl Acetate	4.673	43	37748	22.309	ug/L	100
16) Methylene chloride	4.917	84	119296	24.113	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	119020	23.985	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	161444	24.105	ug/L	97
19) 1,1-Dichloroethane	6.222	63	216651	23.397	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	130404	24.772	ug/L	92
22) 2-Butanone	7.173	43	47886	37.068	ug/L	96
23) Bromochloromethane	7.514	128	58042	25.177	ug/L	92
25) Chloroform	7.679	83	229288	23.534	ug/L	94

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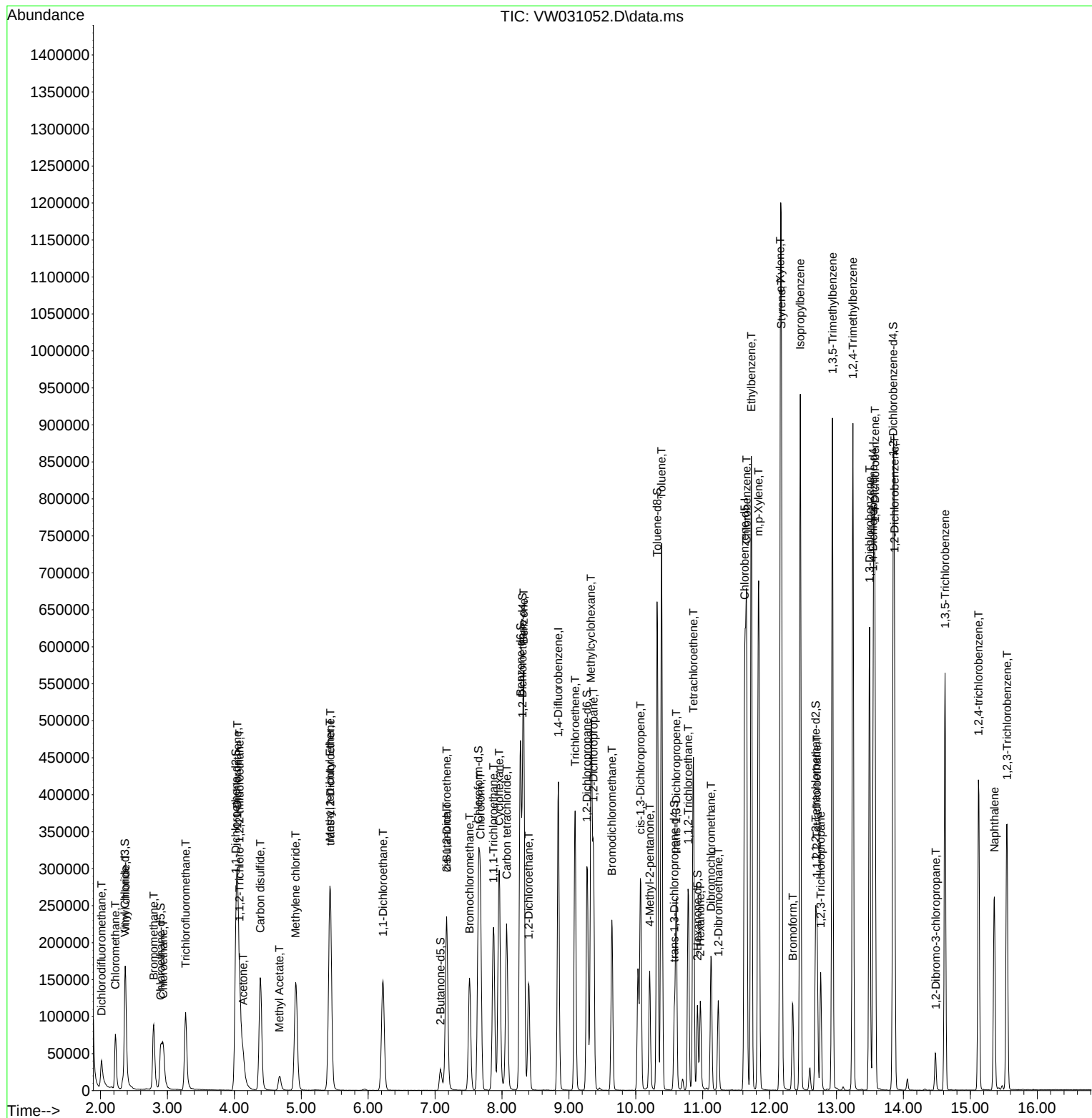
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133817	22.054	ug/L	96
29) Cyclohexane	7.959	56	166511	21.612	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	188528	22.828	ug/L	97
31) Carbon tetrachloride	8.069	117	167052	22.511	ug/L	98
33) Benzene	8.325	78	506261	24.431	ug/L	100
34) Trichloroethene	9.093	95	132937	23.264	ug/L	93
35) Methylcyclohexane	9.331	83	207024	22.859	ug/L	97
37) 1,2-Dichloropropane	9.367	63	125318	24.198	ug/L	98
38) Bromodichloromethane	9.642	83	159372	23.433	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	180821	23.340	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	101624	42.908	ug/L	97
42) Toluene	10.386	91	546762	24.916	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	147252	22.879	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	88107	23.702	ug/L	98
46) Tetrachloroethene	10.861	164	104293	23.874	ug/L	96
48) 2-Hexanone	10.965	43	72714	40.354	ug/L	93
49) Dibromochloromethane	11.123	129	101440	25.028	ug/L	95
50) 1,2-Dibromoethane	11.233	107	82089	23.946	ug/L	98
51) Chlorobenzene	11.654	112	345054	24.569	ug/L	99
52) Ethylbenzene	11.727	91	600483	24.218	ug/L	99
53) m,p-Xylene	11.837	106	241536	25.901	ug/L	90
54) o-Xylene	12.160	106	223275	26.021	ug/L	97
55) Styrene	12.178	104	384602	26.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	97641	24.068	ug/L	98
59) Bromoform	12.349	173	56888	23.711	ug/L	98
60) Isopropylbenzene	12.458	105	604669	23.592	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65938	20.931	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	481880	23.879	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	473204	24.079	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263997	23.458	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	268702	23.257	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	239649	23.893	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14266	21.390	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	183620	24.587	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	138396	23.338	ug/L	99
71) Naphthalene	15.360	128	233737	24.314	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132720	25.970	ug/L	95

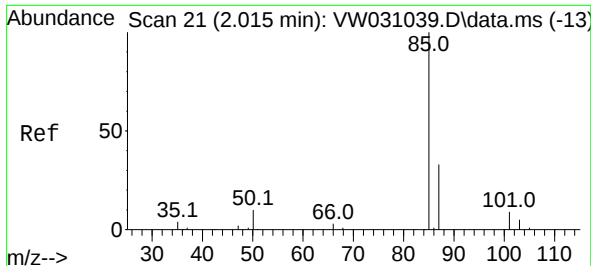
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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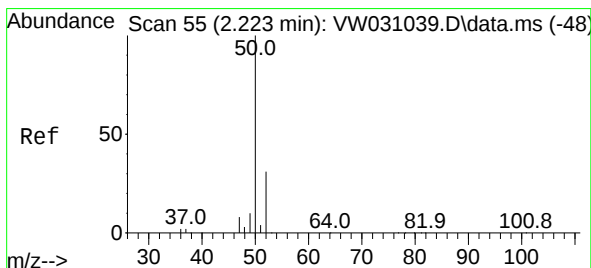
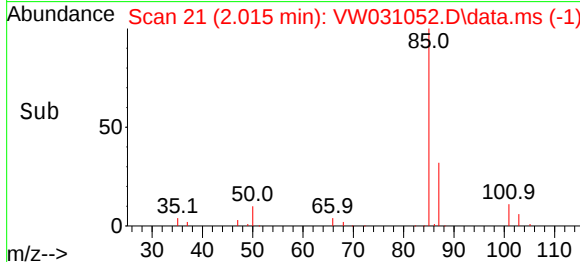
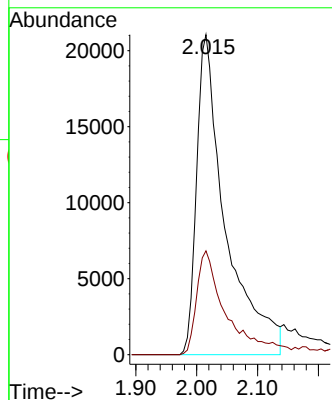
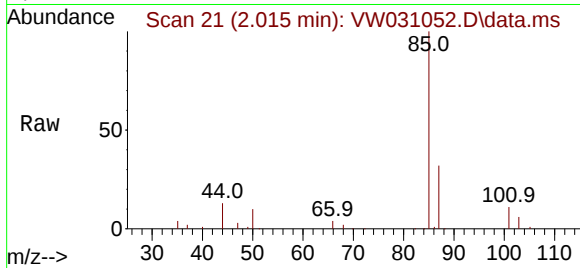




#2
 Dichlorodifluoromethane
 Concen: 18.637 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031052.D
 Acq: 18 Nov 2024 18:23

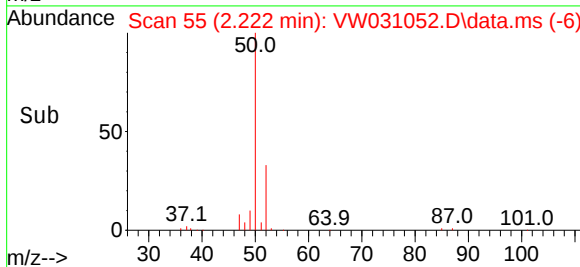
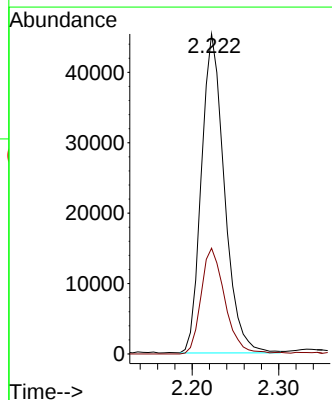
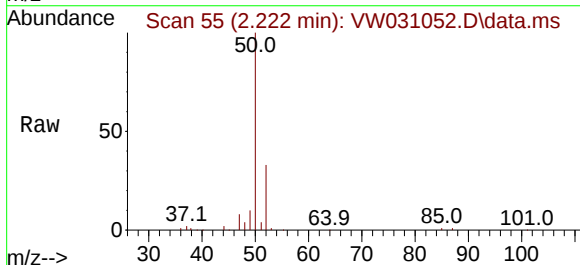
Instrument :
 MSVOA_W
 ClientSampleId :

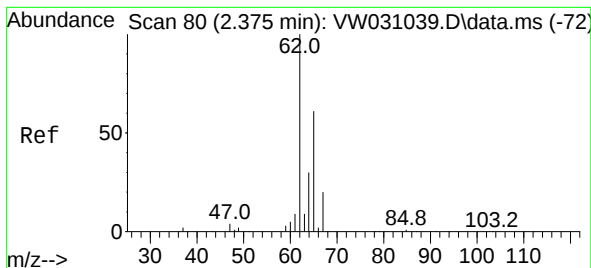
Tgt Ion: 85 Resp: 69471
 Ion Ratio Lower Upper
 85 100
 87 27.1 24.2 36.4



#3
 Chloromethane
 Concen: 16.671 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031052.D
 Acq: 18 Nov 2024 18:23

Tgt Ion: 50 Resp: 83735
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9





#5

Vinyl chloride

Concen: 18.376 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

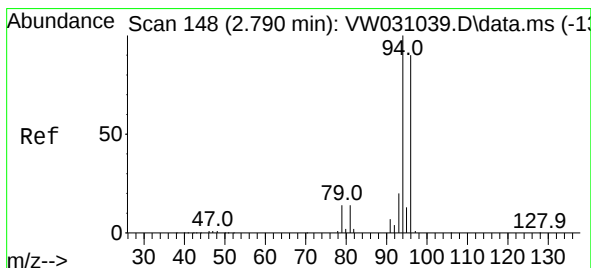
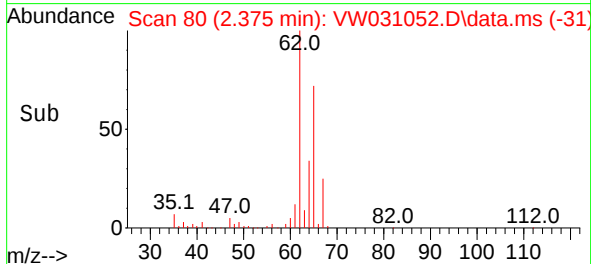
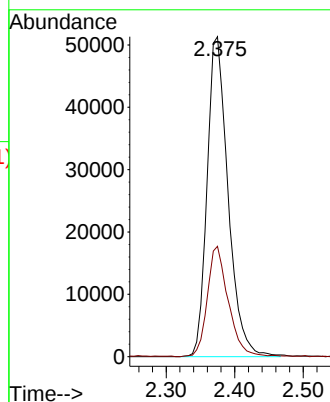
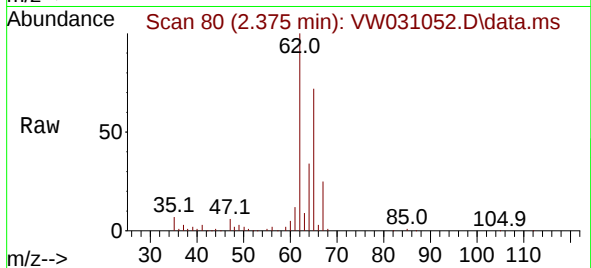
ClientSampleId :

Tgt Ion: 62 Resp: 109385

Ion Ratio Lower Upper

62 100

64 34.5 21.7 40.3



#6

Bromomethane

Concen: 19.101 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW031052.D

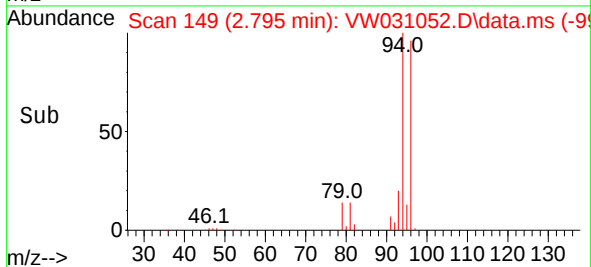
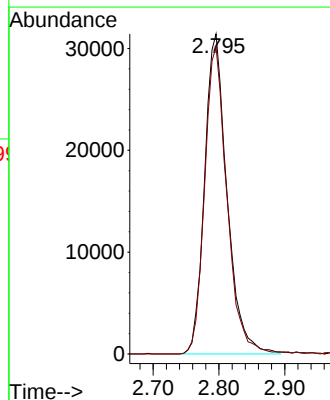
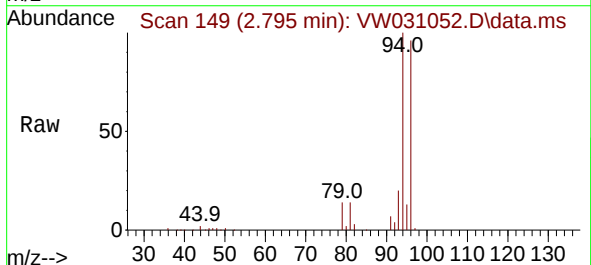
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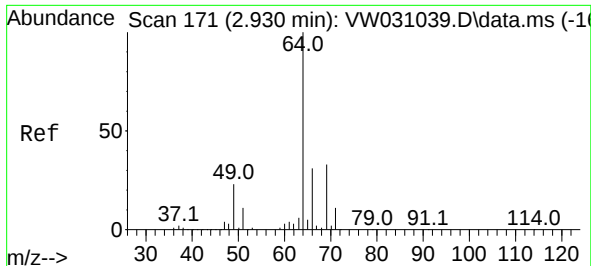
Tgt Ion: 94 Resp: 74654

Ion Ratio Lower Upper

94 100

96 95.9 61.6 114.4

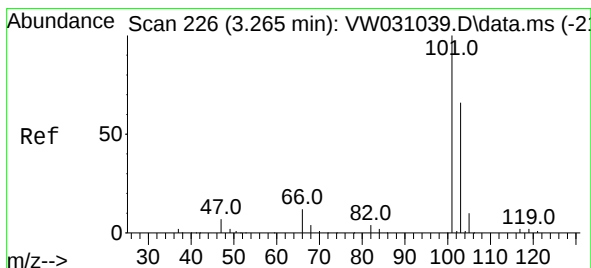
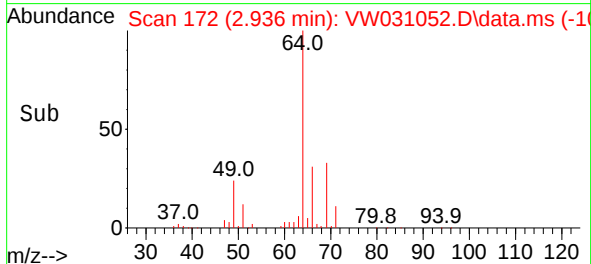
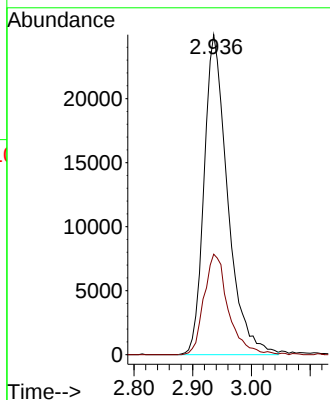
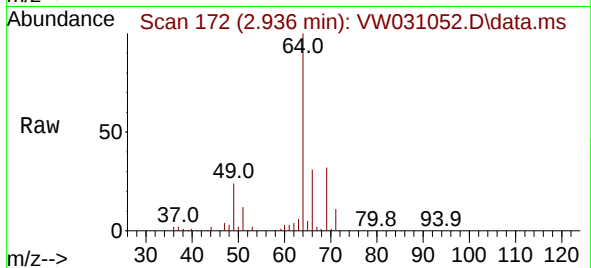




#8
Chloroethane
Concen: 19.314 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

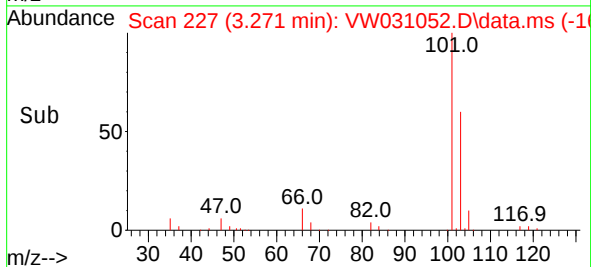
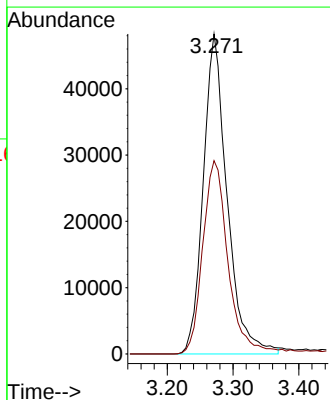
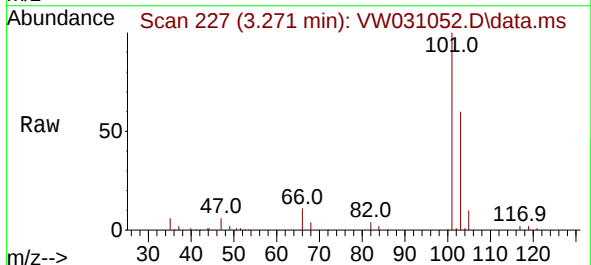
Instrument :
MSVOA_W
ClientSampleId :

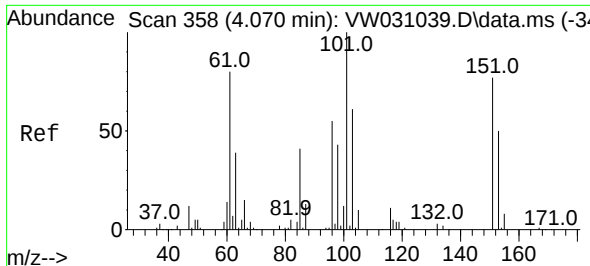
Tgt Ion: 64 Resp: 69696
Ion Ratio Lower Upper
64 100
66 31.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 22.414 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:101 Resp: 121762
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6





#10

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

Concen: 22.724 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

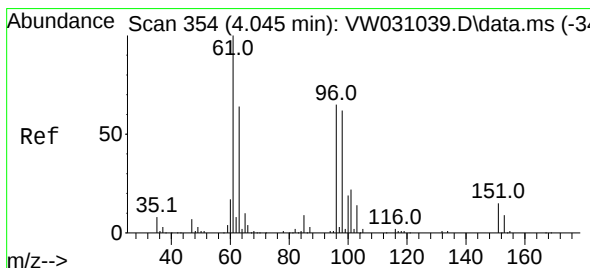
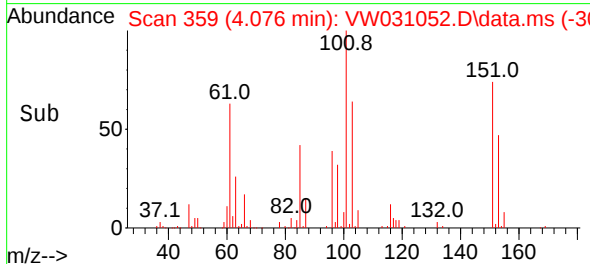
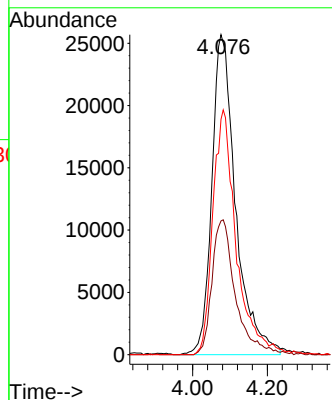
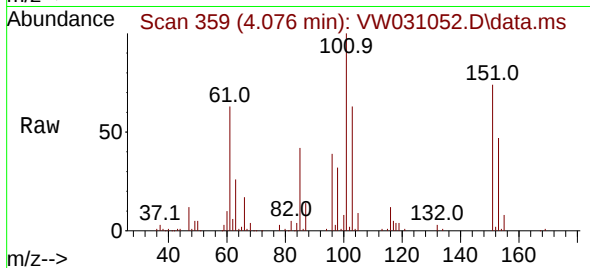
Tgt Ion:101 Resp: 113643

Ion Ratio Lower Upper

101 100

85 39.4 32.9 49.3

151 73.6 51.0 76.6



#12

1,1-Dichloroethene

Concen: 23.498 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

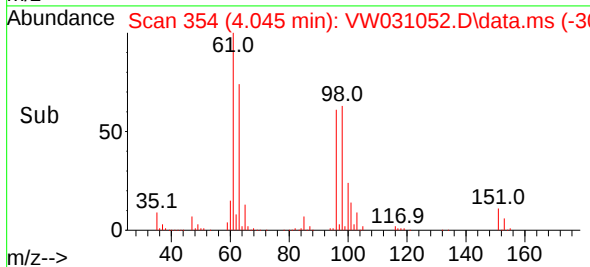
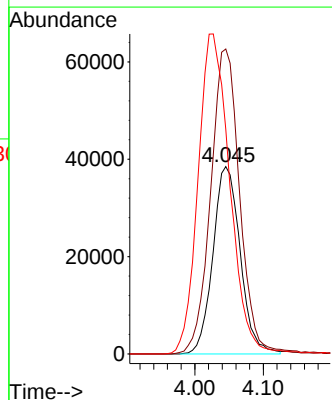
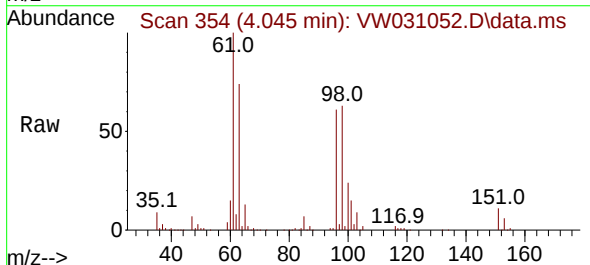
Tgt Ion: 96 Resp: 106285

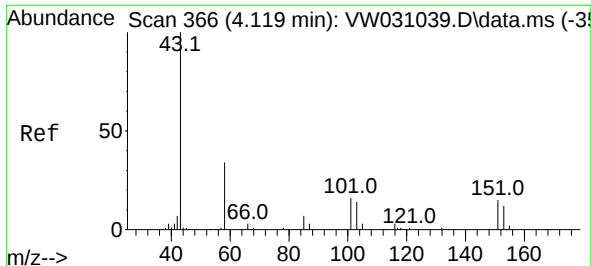
Ion Ratio Lower Upper

96 100

61 162.7 118.9 220.7

63 119.8 97.8 181.6





#13

Acetone

Concen: 33.063 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

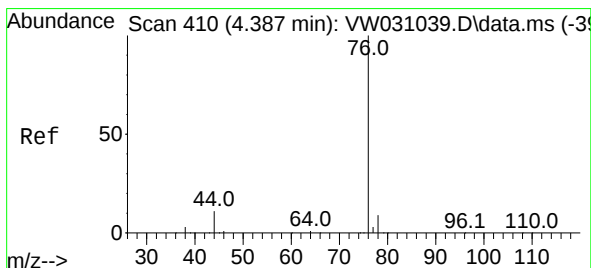
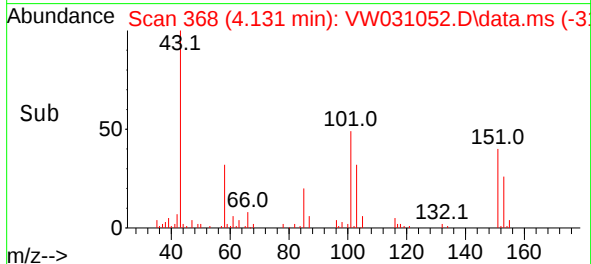
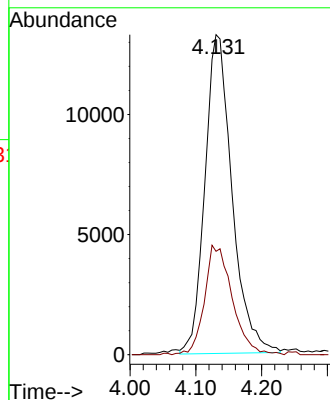
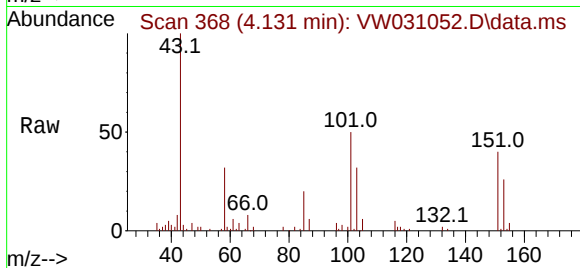
ClientSampleId :

Tgt Ion: 43 Resp: 38140

Ion Ratio Lower Upper

43 100

58 34.8 0.0 62.6



#14

Carbon disulfide

Concen: 22.586 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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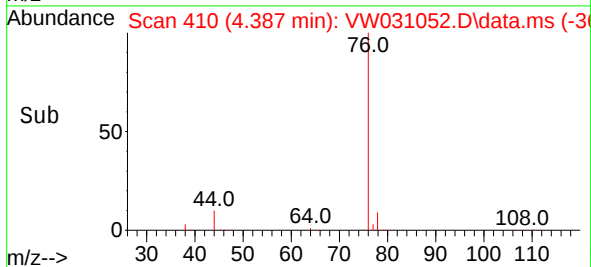
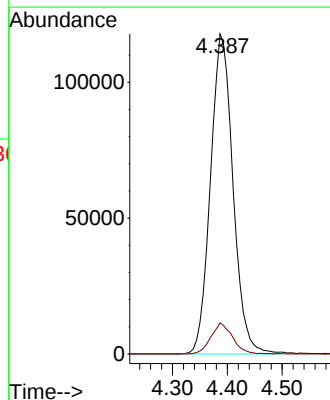
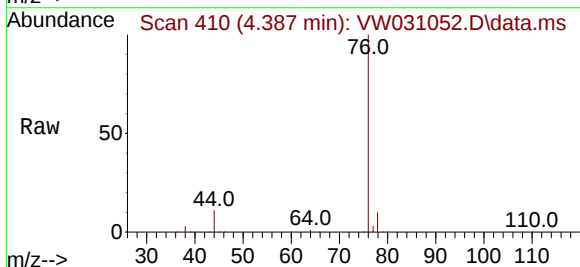
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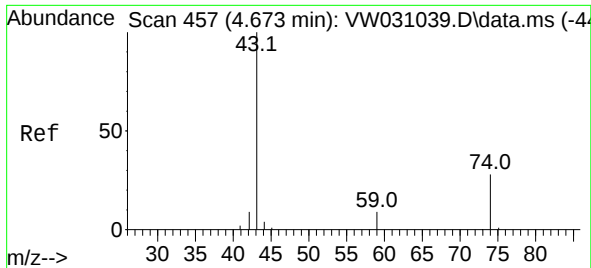
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Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

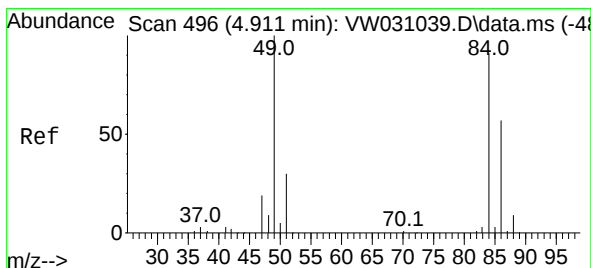
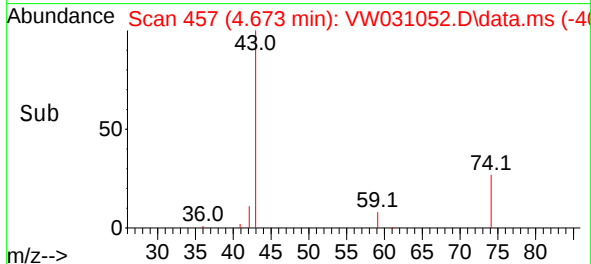
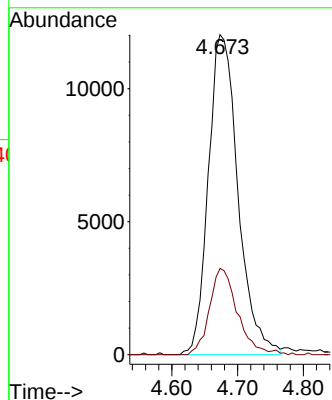
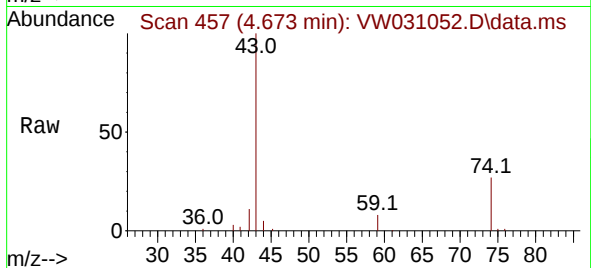




#15
Methyl Acetate
Concen: 22.309 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

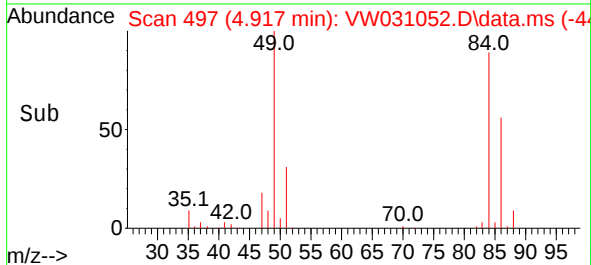
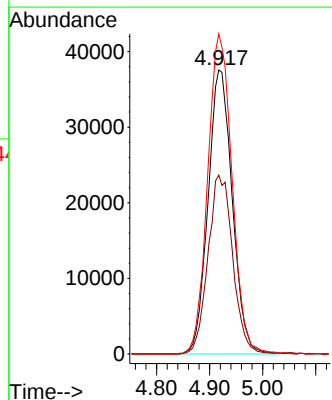
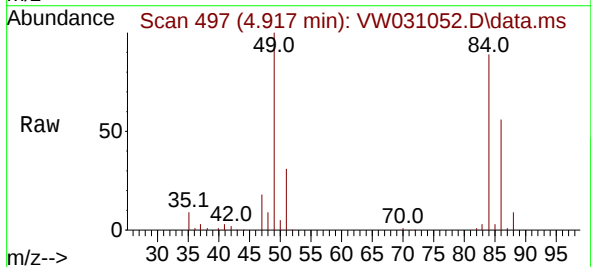
Instrument :
MSVOA_W
ClientSampleId :

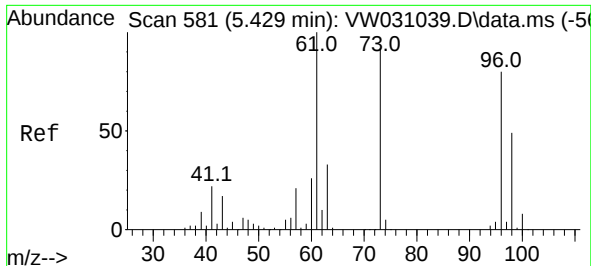
Tgt Ion: 43 Resp: 37748
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2



#16
Methylene chloride
Concen: 24.113 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion: 84 Resp: 119296
Ion Ratio Lower Upper
84 100
86 63.0 41.8 77.6
49 112.7 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 23.985 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

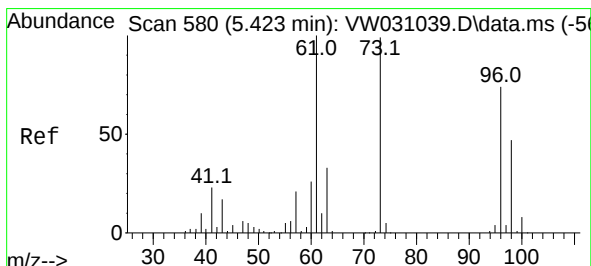
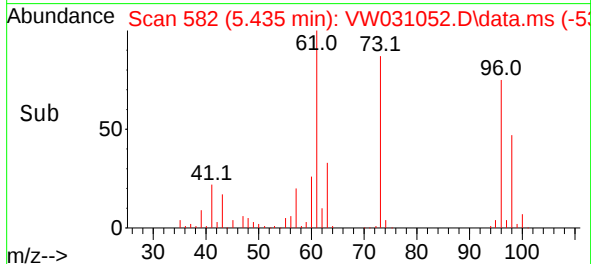
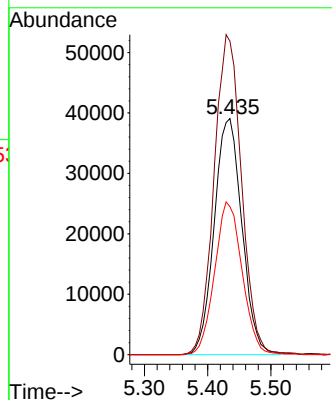
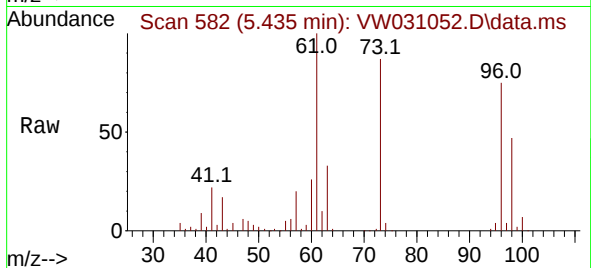
Tgt Ion: 96 Resp: 119020

Ion Ratio Lower Upper

96 100

61 132.7 95.2 176.8

98 62.7 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 24.105 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

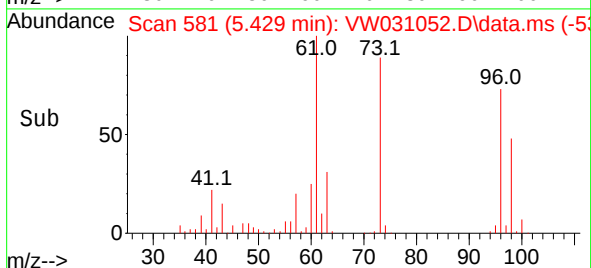
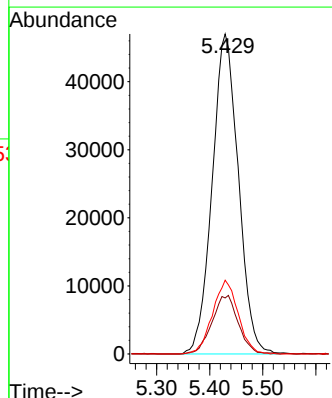
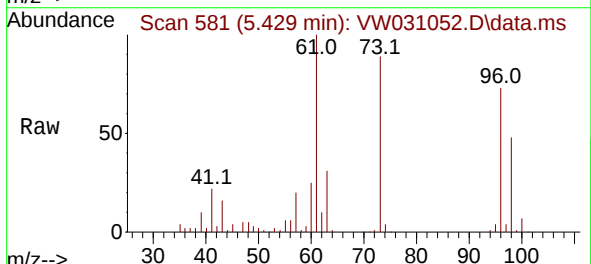
Tgt Ion: 73 Resp: 161444

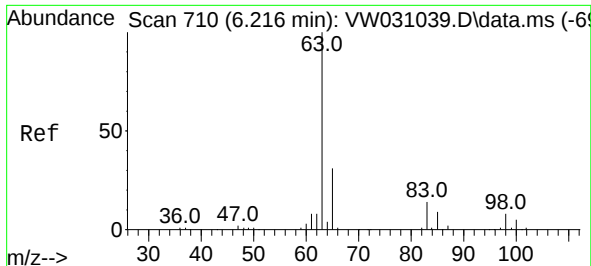
Ion Ratio Lower Upper

73 100

43 18.3 16.2 24.2

57 22.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 23.397 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

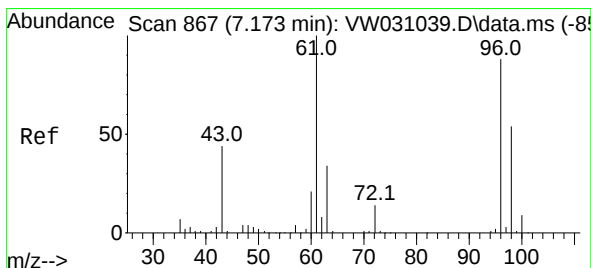
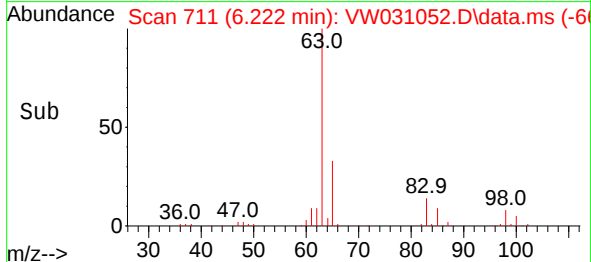
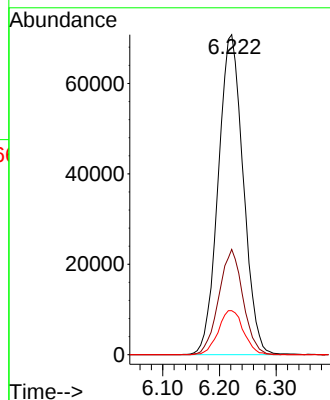
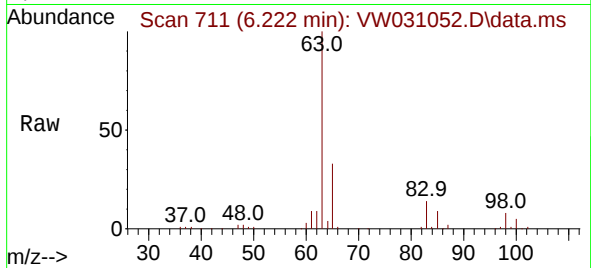
Tgt Ion: 63 Resp: 216651

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.8

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.772 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

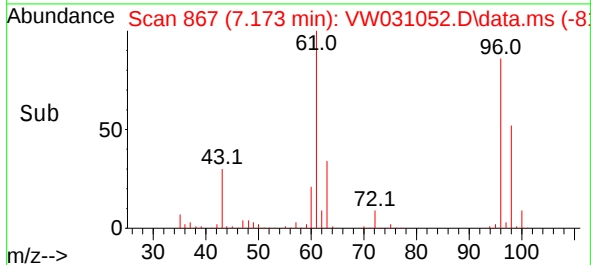
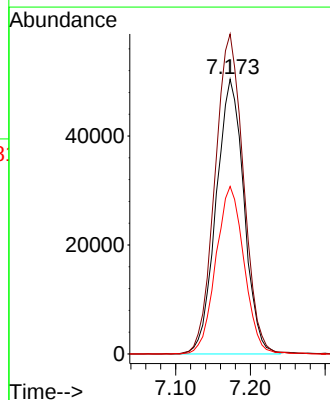
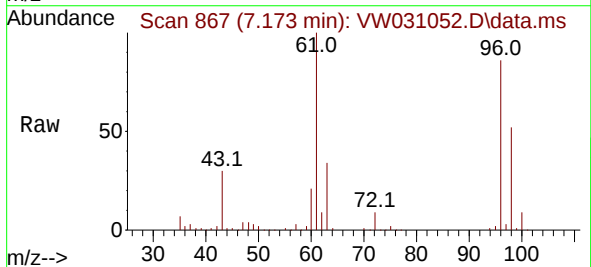
Tgt Ion: 96 Resp: 130404

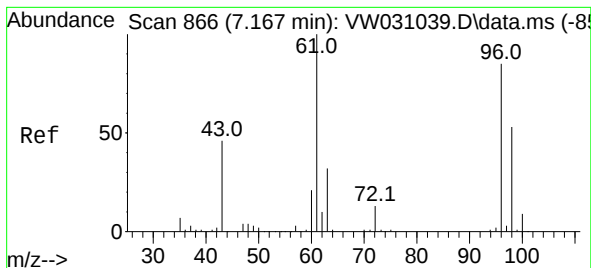
Ion Ratio Lower Upper

96 100

61 116.5 89.2 165.8

98 60.9 45.1 83.9





#22

2-Butanone

Concen: 37.068 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

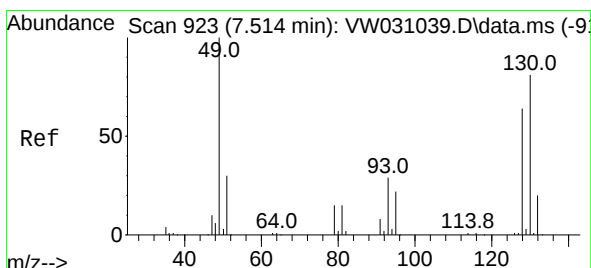
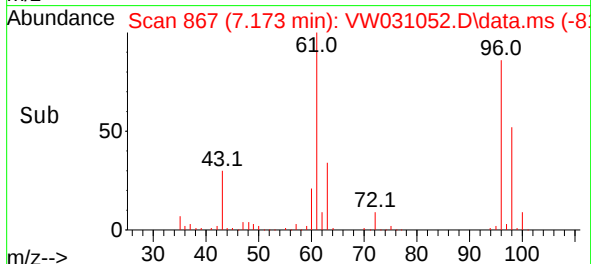
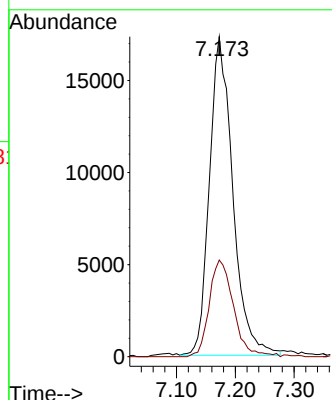
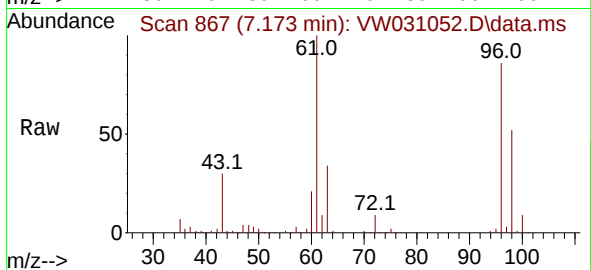
ClientSampleId :

Tgt Ion: 43 Resp: 47886

Ion Ratio Lower Upper

43 100

72 31.2 14.5 43.6



#23

Bromochloromethane

Concen: 25.177 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Tgt Ion: 128 Resp: 58042

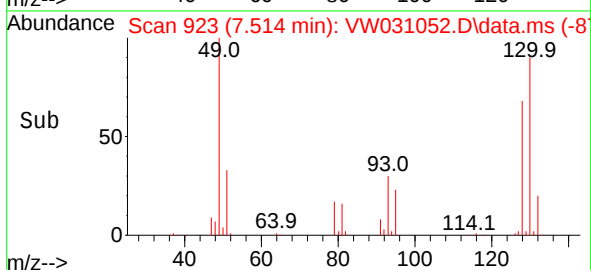
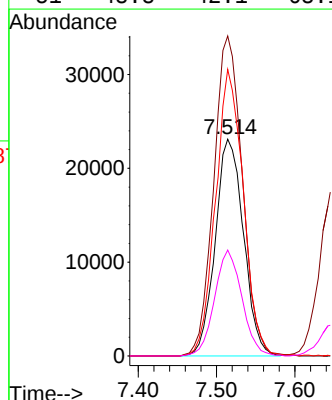
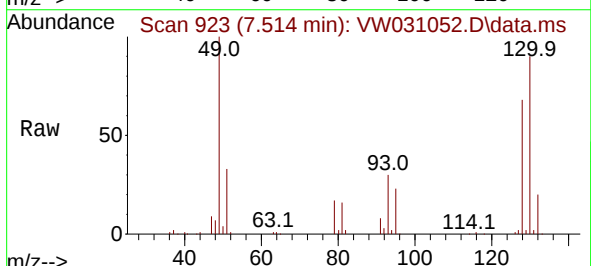
Ion Ratio Lower Upper

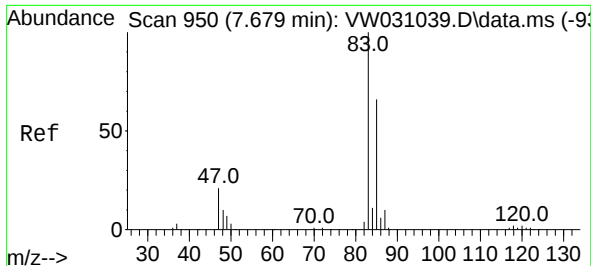
128 100

49 147.6 112.4 208.8

130 132.2 86.2 160.0

51 48.8 42.1 63.1





#25

Chloroform

Concen: 23.534 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

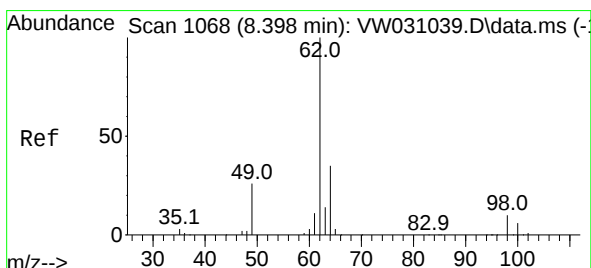
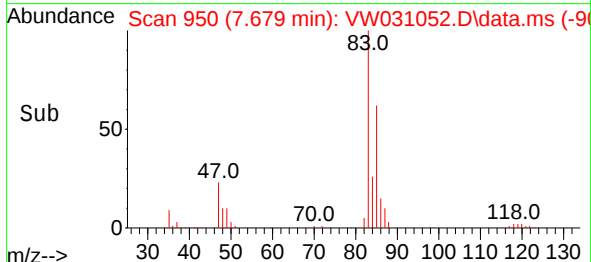
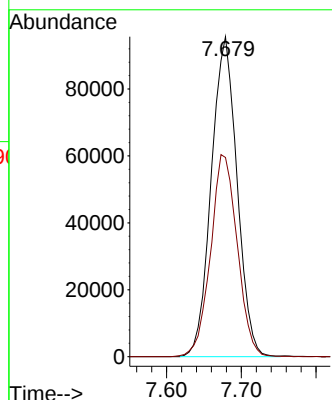
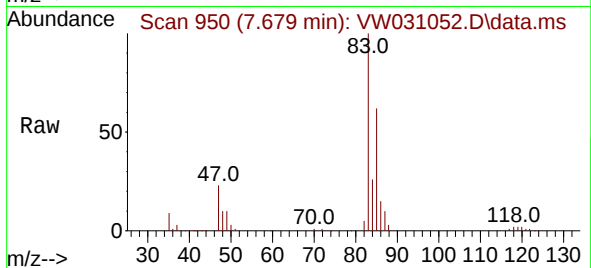
ClientSampleId :

Tgt Ion: 83 Resp: 229288

Ion Ratio Lower Upper

83 100

85 62.2 47.2 87.6



#27

1,2-Dichloroethane

Concen: 22.054 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031052.D

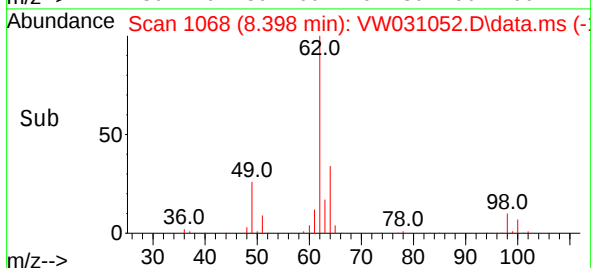
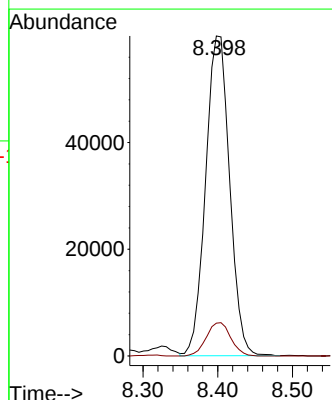
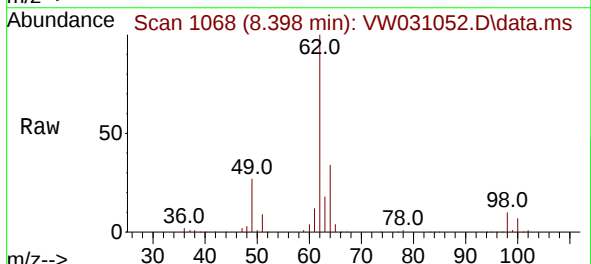
Acq: 18 Nov 2024 18:23

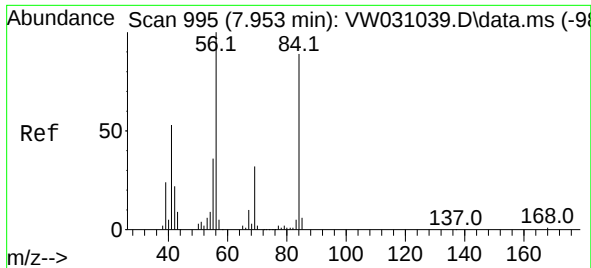
Tgt Ion: 62 Resp: 133817

Ion Ratio Lower Upper

62 100

98 10.3 7.1 10.7





#29

Cyclohexane

Concen: 21.612 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

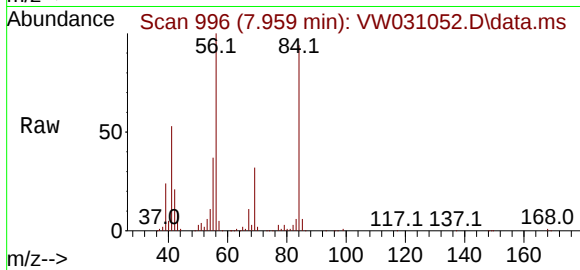
Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :



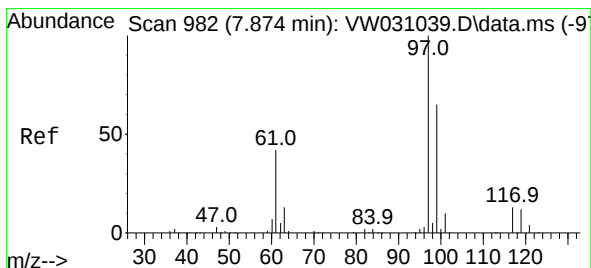
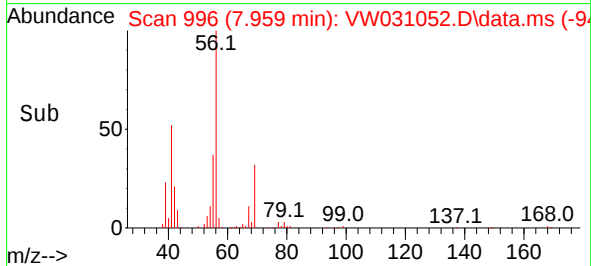
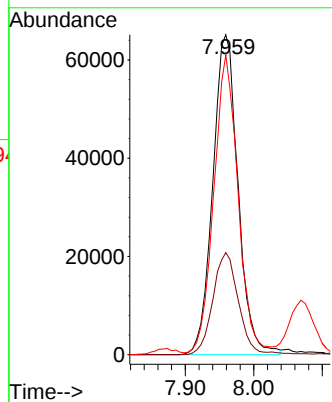
Tgt Ion: 56 Resp: 166511

Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

84 89.6 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 22.828 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

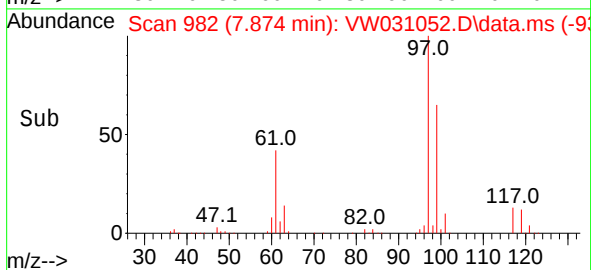
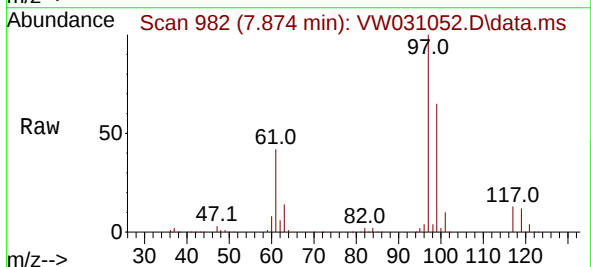
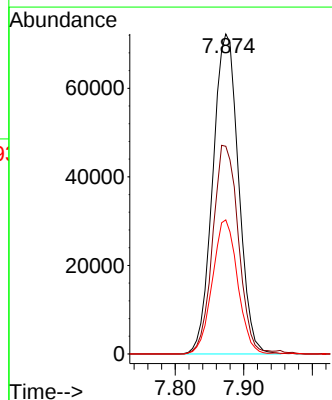
Tgt Ion: 97 Resp: 188528

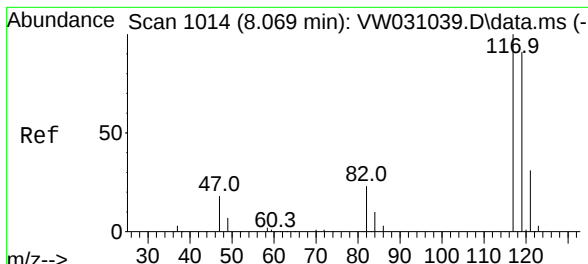
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

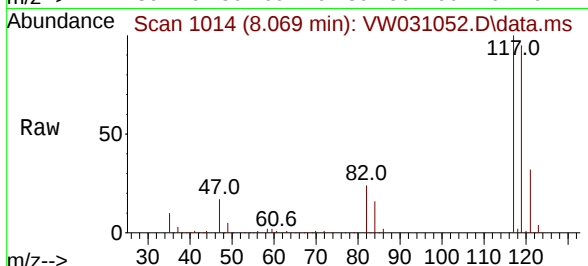
61 41.1 36.2 54.4



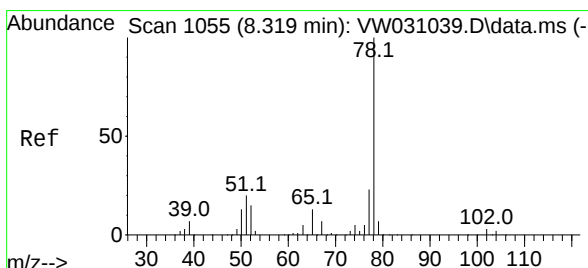
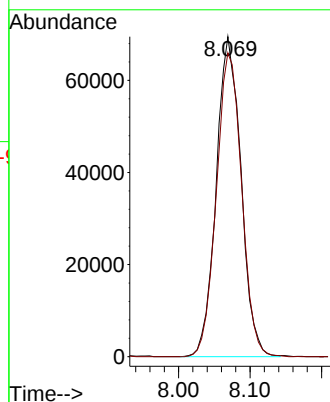
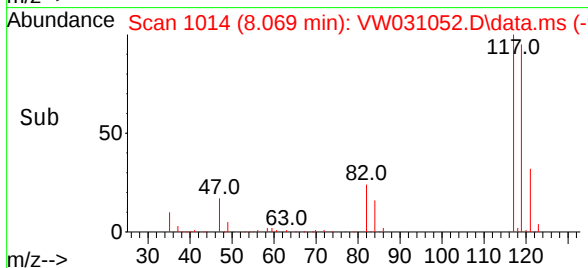


#31
Carbon tetrachloride
Concen: 22.511 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Instrument :
MSVOA_W
ClientSampleId :

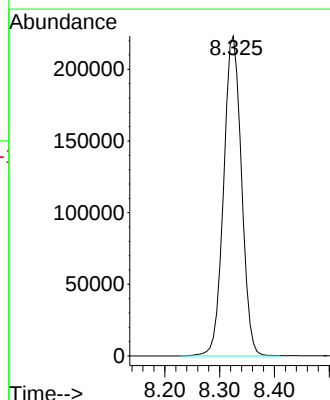
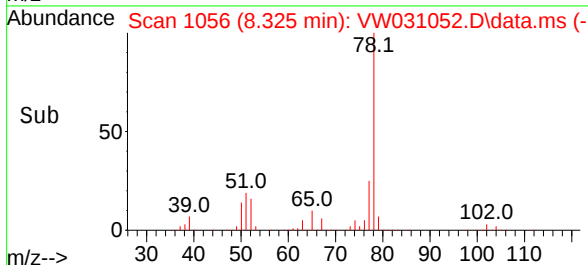
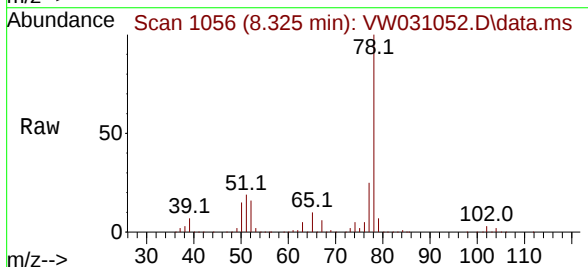


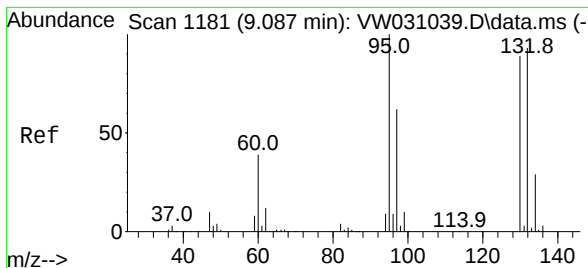
Tgt Ion:117 Resp: 167052
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2



#33
Benzene
Concen: 24.431 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion: 78 Resp: 506261





#34

Trichloroethene

Concen: 23.264 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 132937

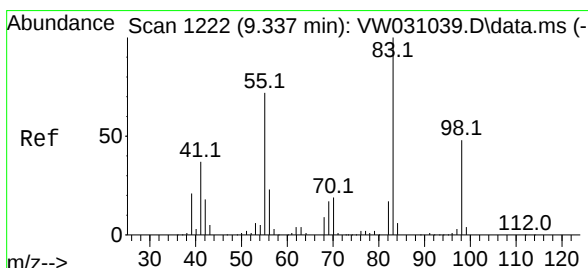
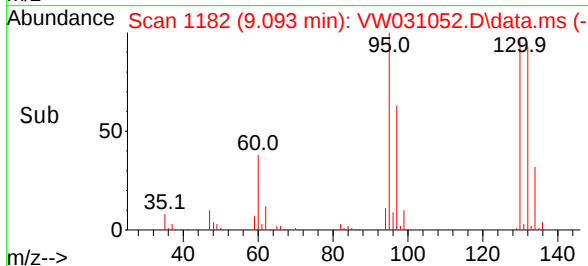
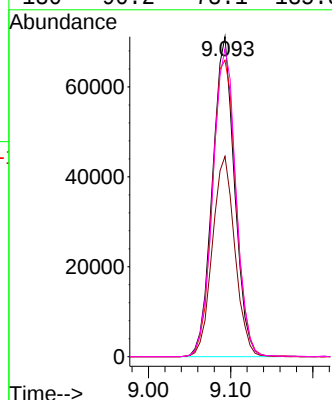
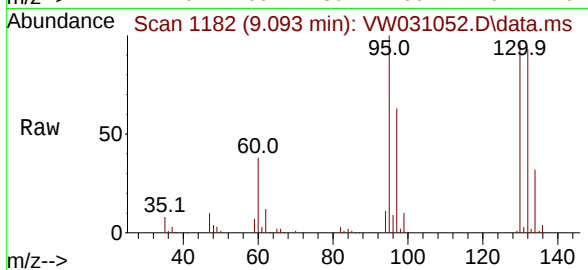
Ion Ratio Lower Upper

95 100

97 62.6 48.9 90.7

132 92.6 67.7 125.7

130 96.2 73.1 135.8



#35

Methylcyclohexane

Concen: 22.859 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

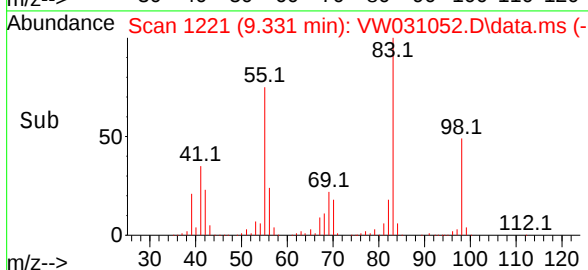
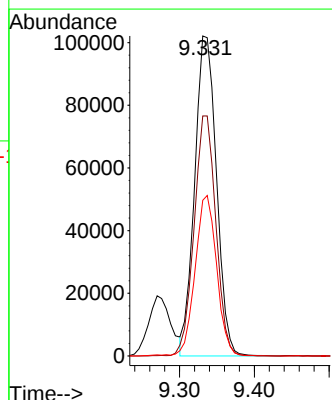
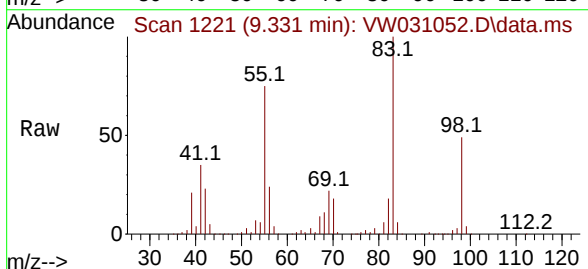
Tgt Ion: 83 Resp: 207024

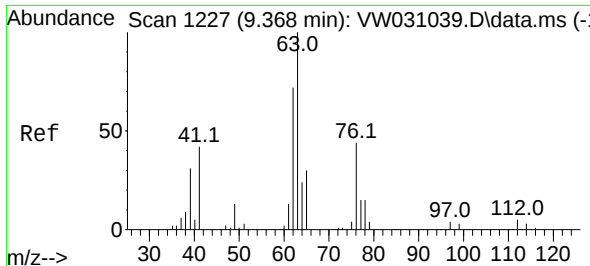
Ion Ratio Lower Upper

83 100

55 74.8 62.8 94.2

98 49.4 39.4 59.2





#37

1,2-Dichloropropane

Concen: 24.198 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

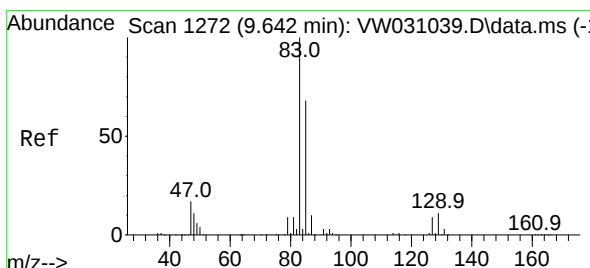
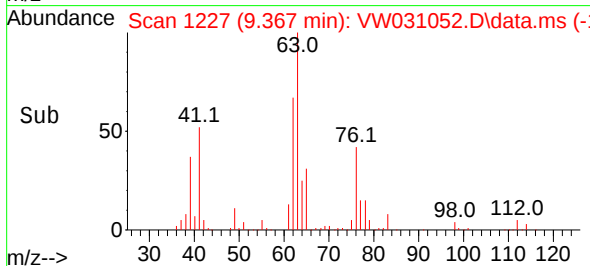
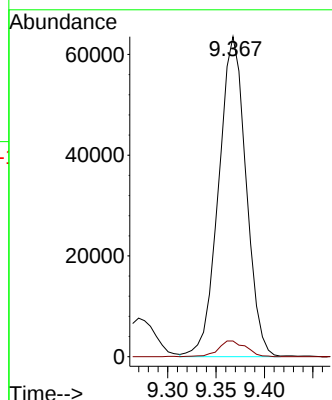
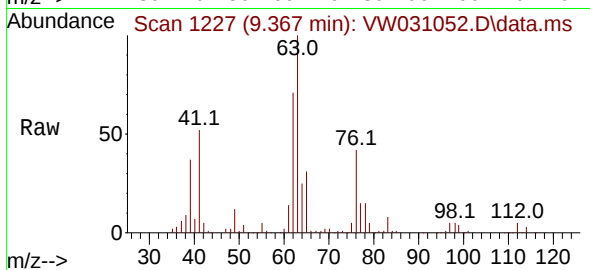
ClientSampleId :

Tgt Ion: 63 Resp: 125318

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 23.433 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

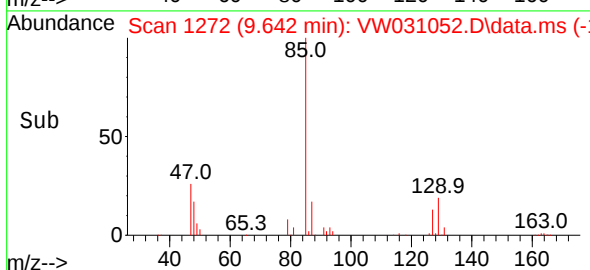
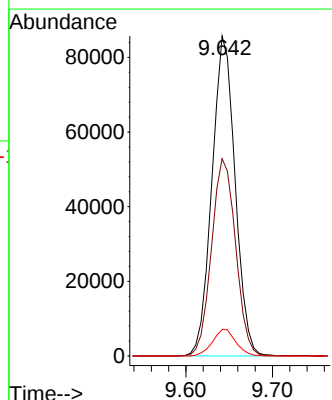
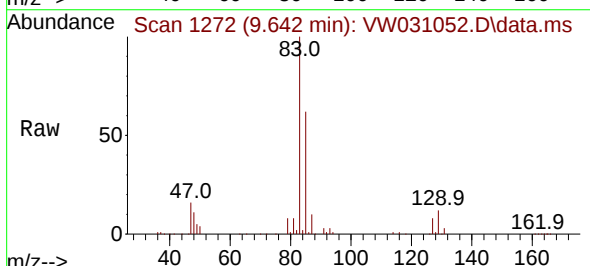
Tgt Ion: 83 Resp: 159372

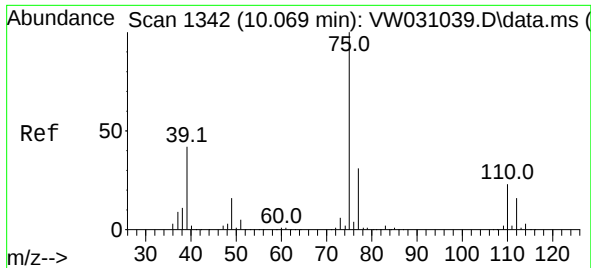
Ion Ratio Lower Upper

83 100

85 61.6 44.1 81.9

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.340 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

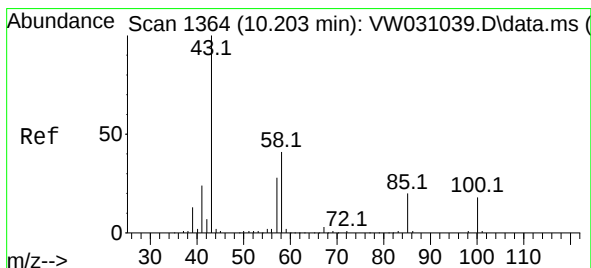
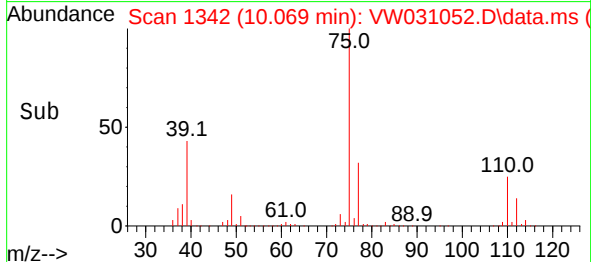
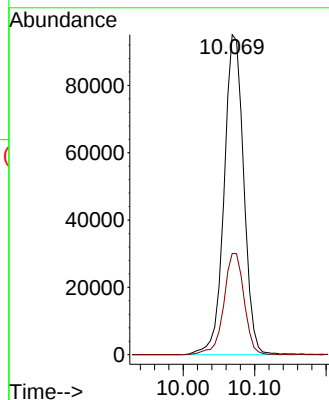
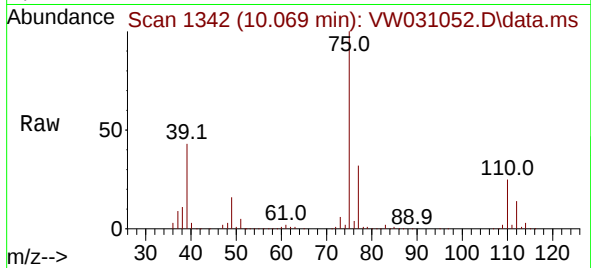
ClientSampleId :

Tgt Ion: 75 Resp: 180821

Ion Ratio Lower Upper

75 100

77 31.7 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 42.908 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

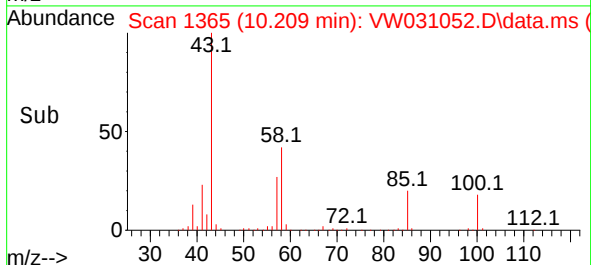
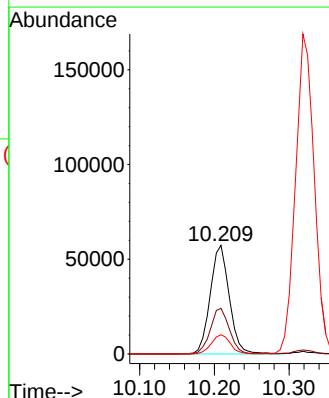
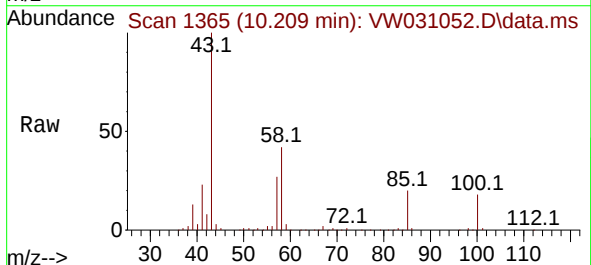
Tgt Ion: 43 Resp: 101624

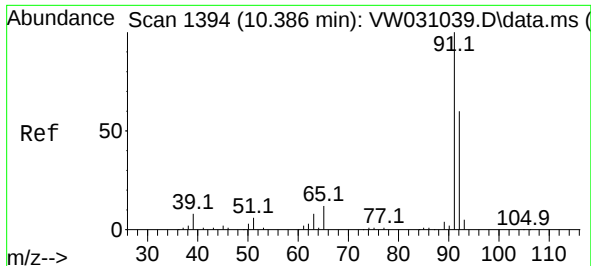
Ion Ratio Lower Upper

43 100

58 42.3 32.2 48.4

100 17.7 13.3 19.9

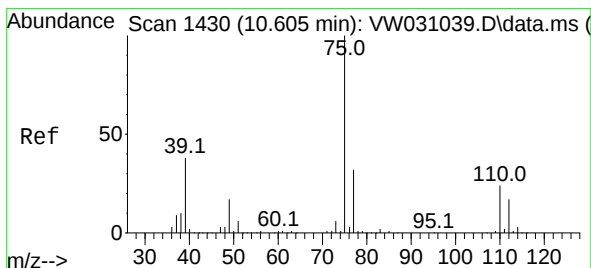
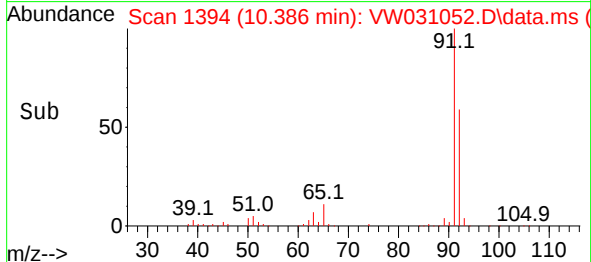
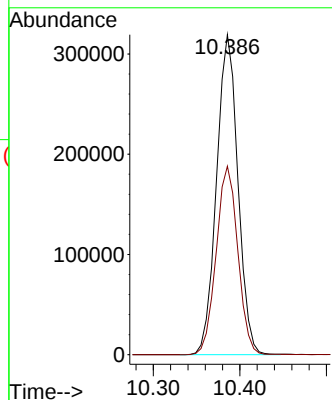
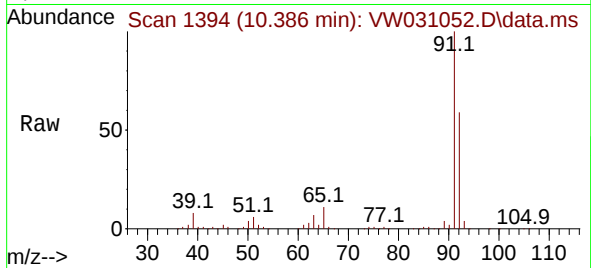




#42
Toluene
Concen: 24.916 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

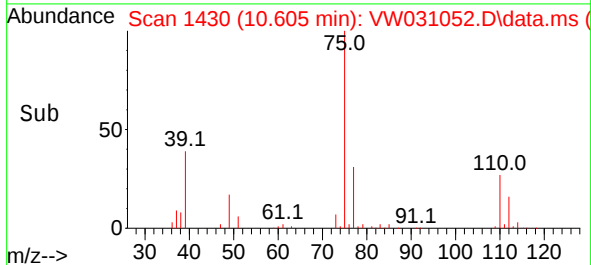
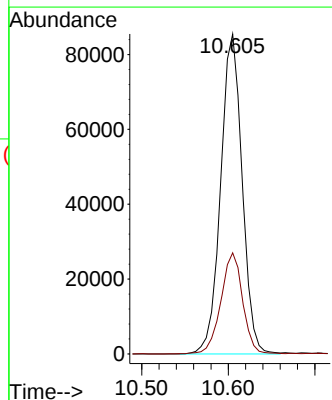
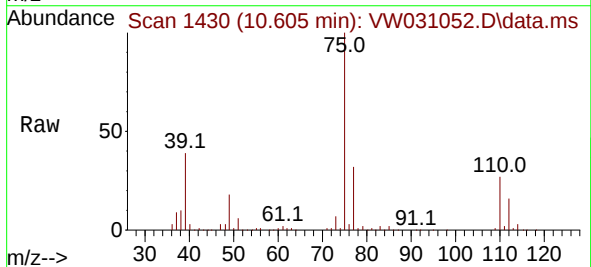
Instrument :
MSVOA_W
ClientSampleId :

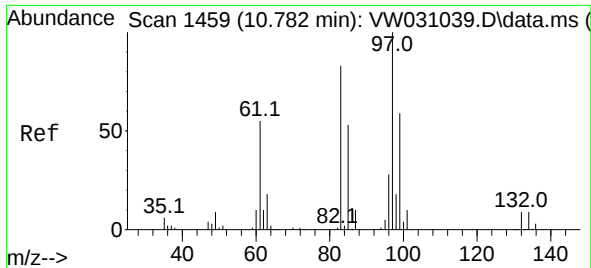
Tgt Ion: 91 Resp: 546762
Ion Ratio Lower Upper
91 100
92 58.9 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 22.879 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion: 75 Resp: 147252
Ion Ratio Lower Upper
75 100
77 31.6 23.6 43.8

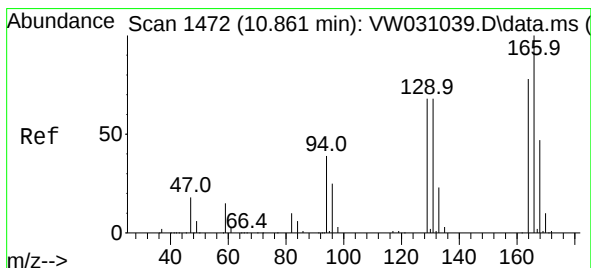
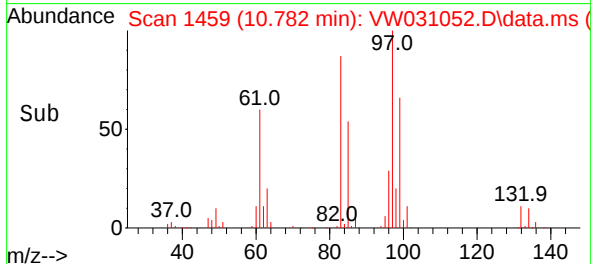
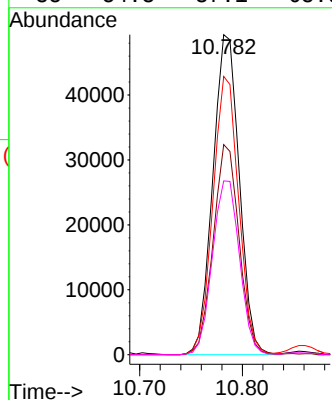
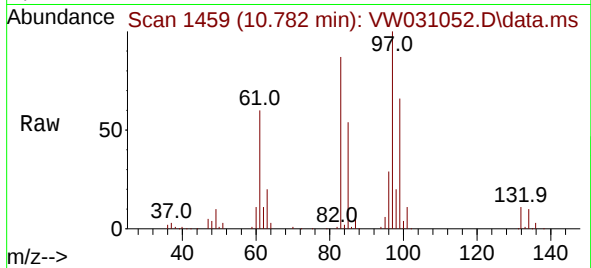




#45
1,1,2-Trichloroethane
Concen: 23.702 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

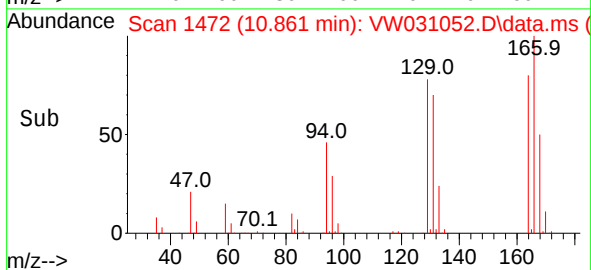
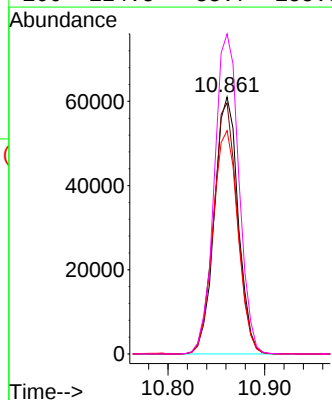
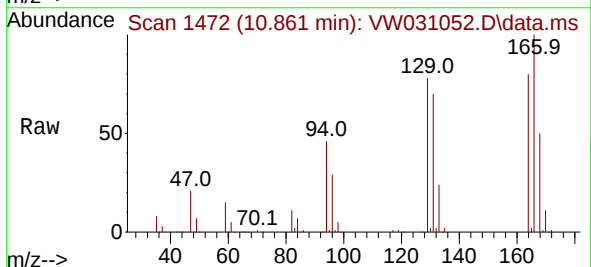
Instrument :
MSVOA_W
ClientSampleId :

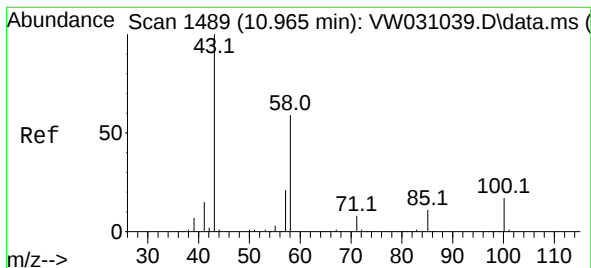
Tgt Ion:	97	Resp:	88107
Ion	Ratio	Lower	Upper
97	100		
99	65.6	42.8	79.4
83	86.9	60.6	112.6
85	54.3	37.1	68.9



#46
Tetrachloroethene
Concen: 23.874 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:	164	Resp:	104293
Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.1	132.1
131	86.9	62.6	116.3
166	124.5	83.7	155.5





#48

2-Hexanone

Concen: 40.354 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 72714

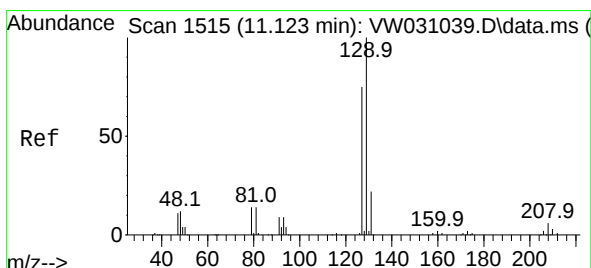
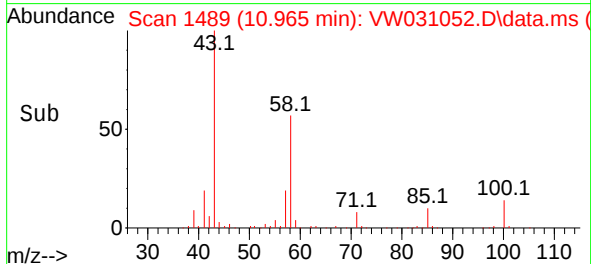
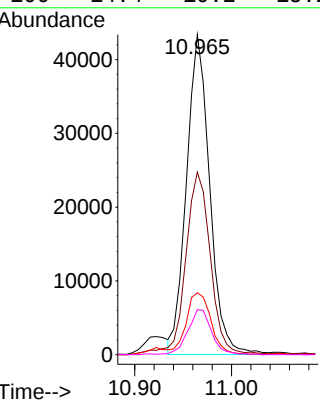
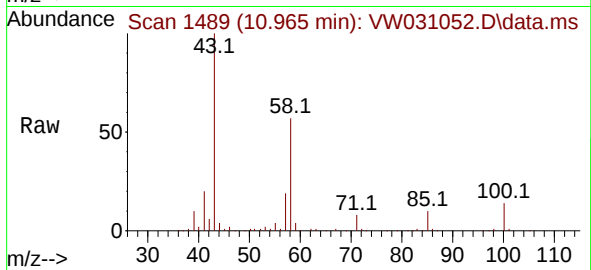
Ion Ratio Lower Upper

43 100

58 60.7 43.8 65.8

57 20.7 15.4 23.2

100 14.4 10.2 15.2



#49

Dibromochloromethane

Concen: 25.028 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW031052.D

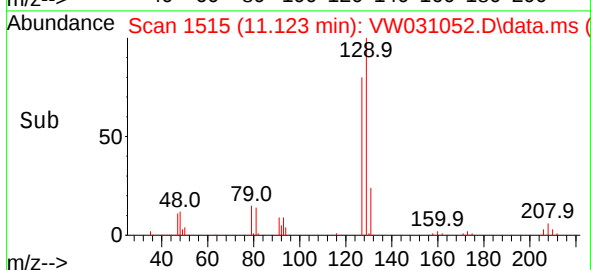
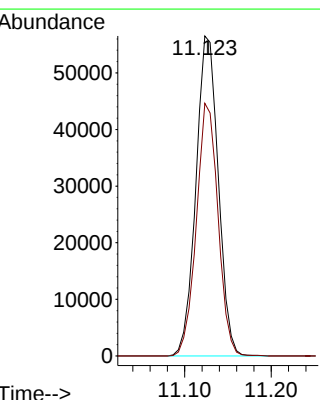
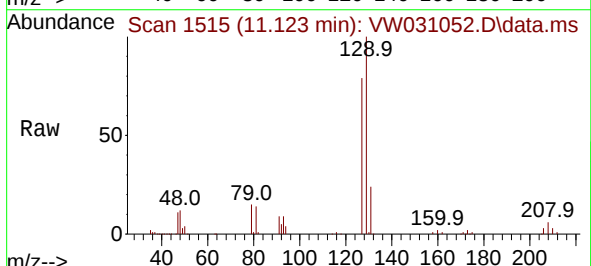
Acq: 18 Nov 2024 18:23

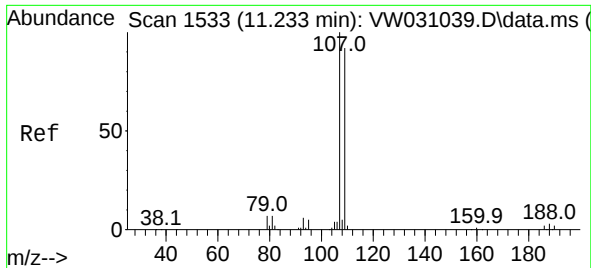
Tgt Ion:129 Resp: 101440

Ion Ratio Lower Upper

129 100

127 79.0 52.1 96.7





#50

1,2-Dibromoethane

Concen: 23.946 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031052.D

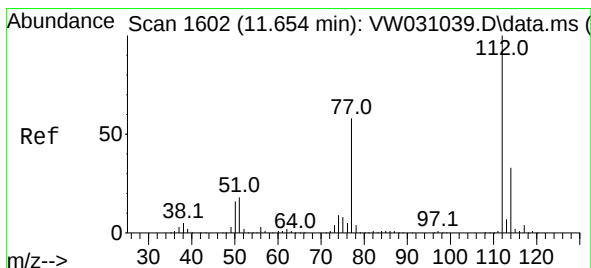
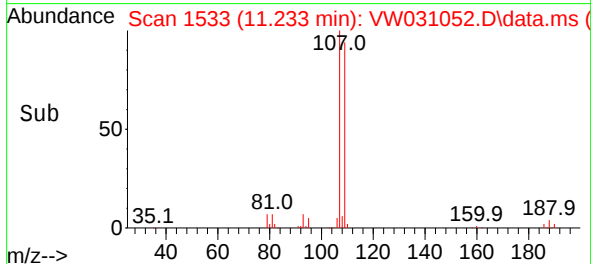
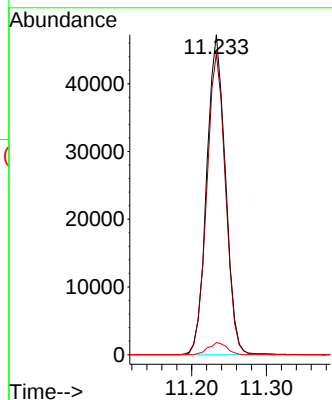
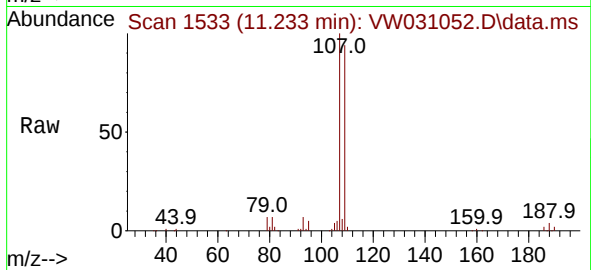
Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	82089
Ion Ratio	Lower	Upper
107	100	
109	94.1	64.3 119.3
188	3.8	2.7 4.1



#51

Chlorobenzene

Concen: 24.569 ug/L

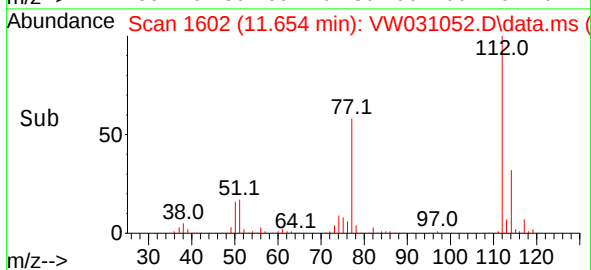
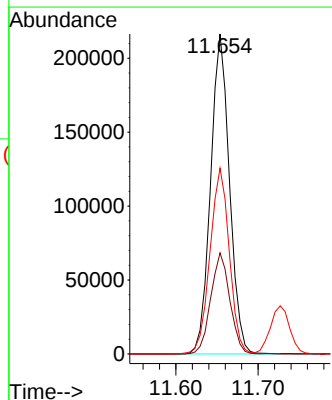
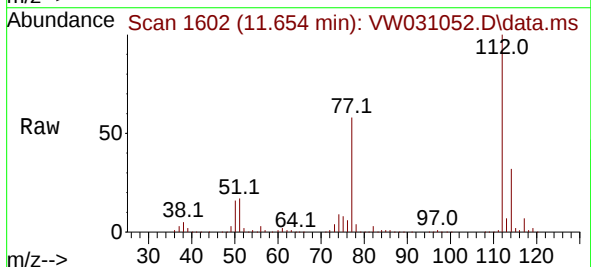
RT: 11.654 min Scan# 1602

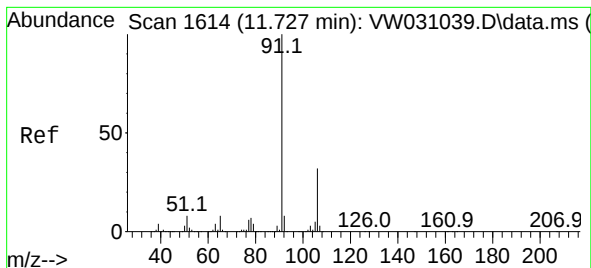
Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Tgt Ion:112	Resp:	345054
Ion Ratio	Lower	Upper
112	100	
114	31.6	21.9 40.7
77	58.0	45.3 67.9





#52

Ethylbenzene

Concen: 24.218 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

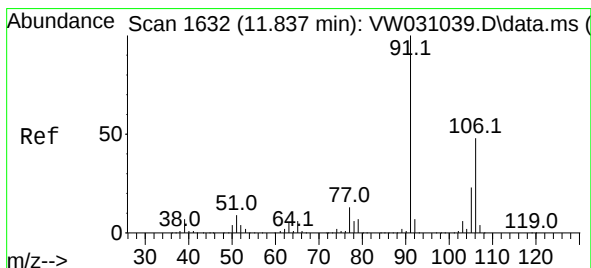
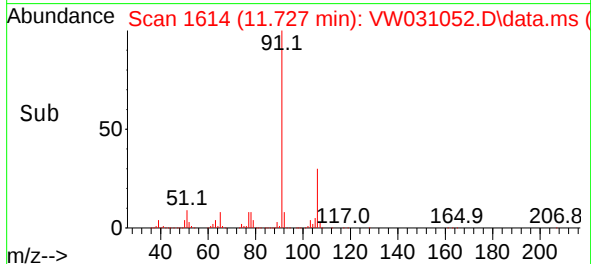
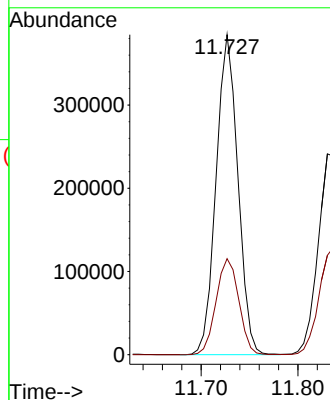
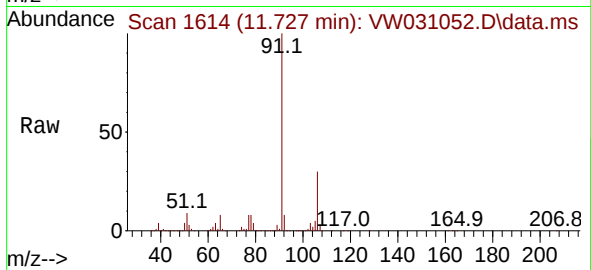
ClientSampleId :

Tgt Ion: 91 Resp: 600483

Ion Ratio Lower Upper

91 100

106 30.0 21.6 40.0



#53

m,p-Xylene

Concen: 25.901 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031052.D

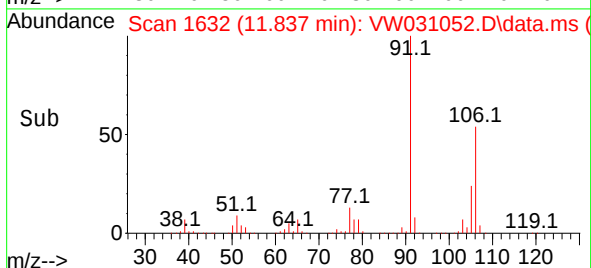
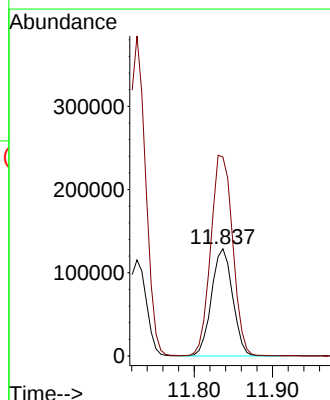
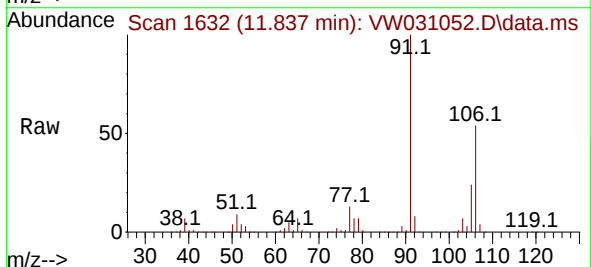
Acq: 18 Nov 2024 18:23

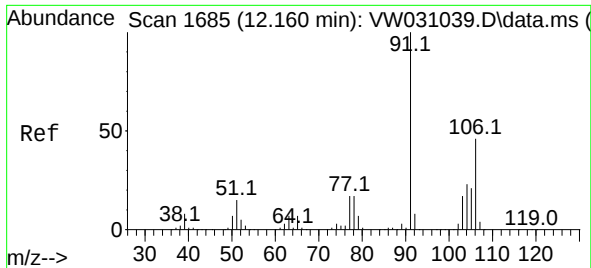
Tgt Ion:106 Resp: 241536

Ion Ratio Lower Upper

106 100

91 185.6 140.7 261.3

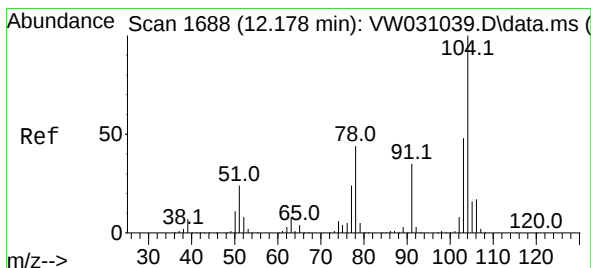
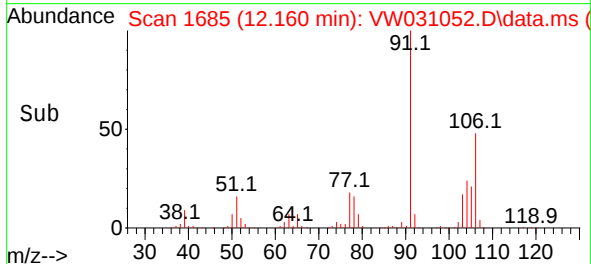
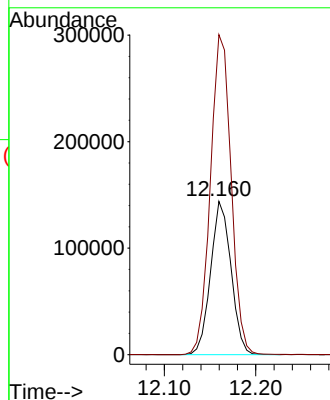
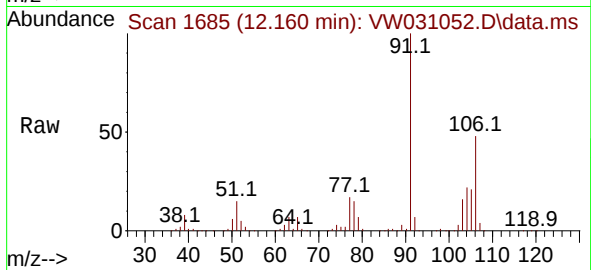




#54
o-Xylene
Concen: 26.021 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

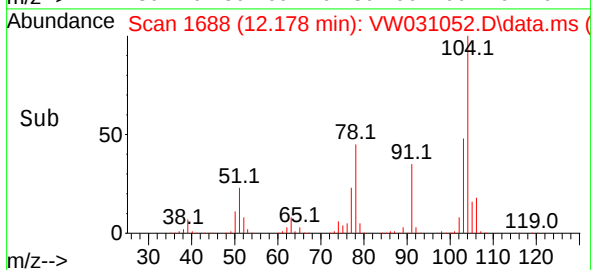
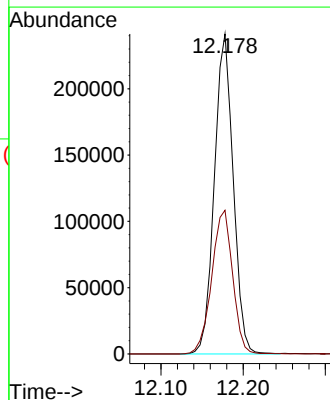
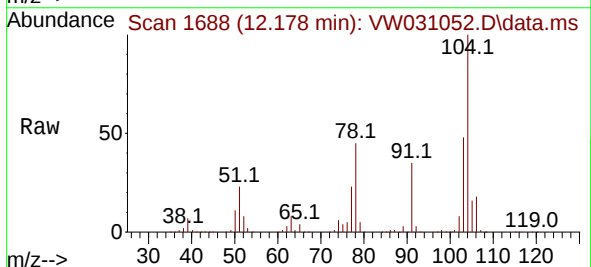
Instrument :
MSVOA_W
ClientSampleId :

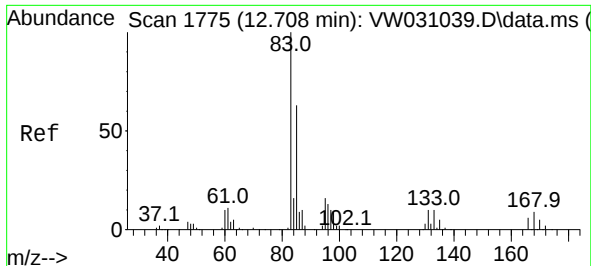
Tgt Ion:106 Resp: 223275
Ion Ratio Lower Upper
106 100
91 208.7 149.9 278.3



#55
Styrene
Concen: 26.233 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:104 Resp: 384602
Ion Ratio Lower Upper
104 100
78 44.9 31.8 59.0

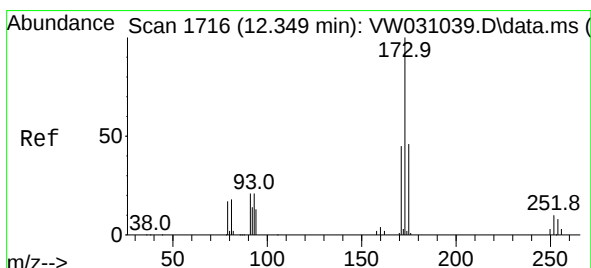
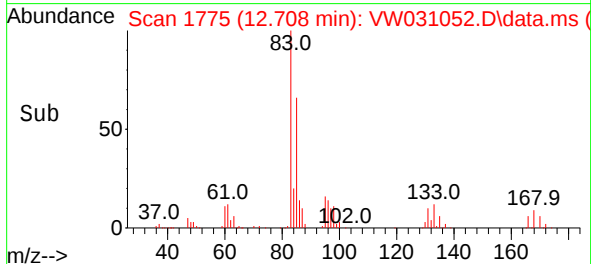
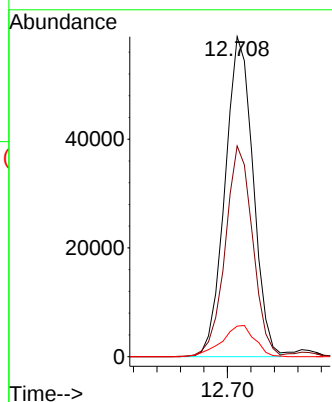
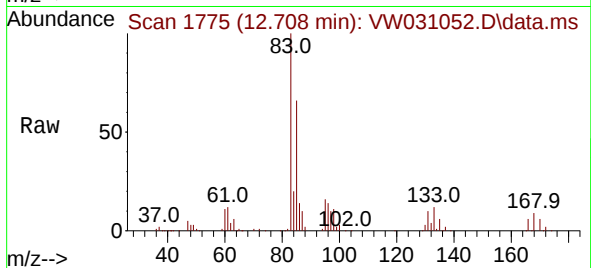




#57
1,1,2,2-Tetrachloroethane
Concen: 24.068 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

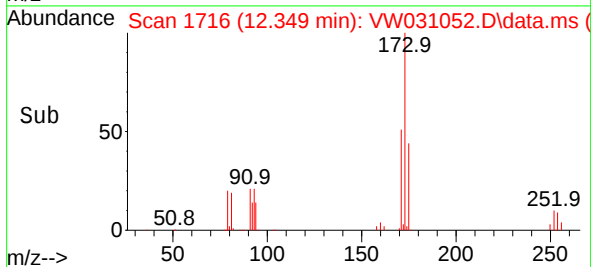
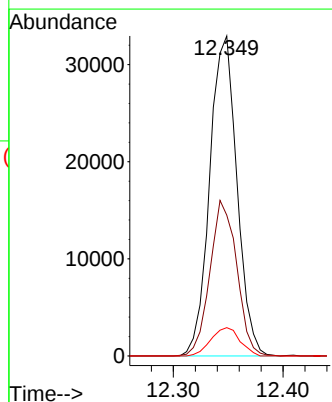
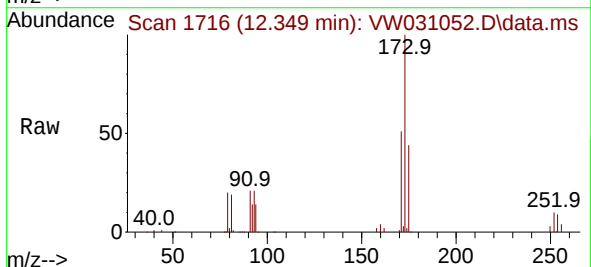
Instrument :
MSVOA_W
ClientSampleId :

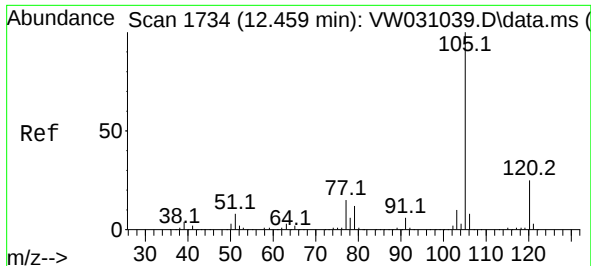
Tgt Ion: 83 Resp: 97641
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.7
131 9.6 7.7 11.5



#59
Bromoform
Concen: 23.711 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:173 Resp: 56888
Ion Ratio Lower Upper
173 100
175 47.8 39.3 58.9
254 9.4 7.8 11.6





#60

Isopropylbenzene

Concen: 23.592 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

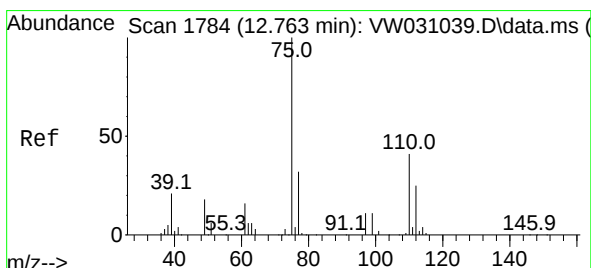
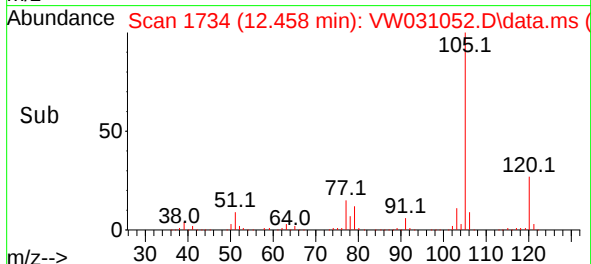
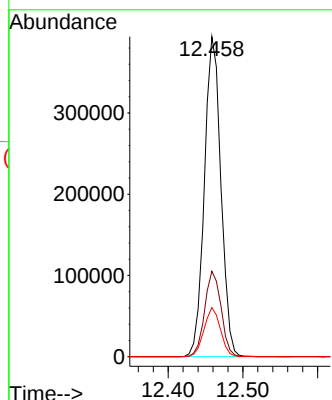
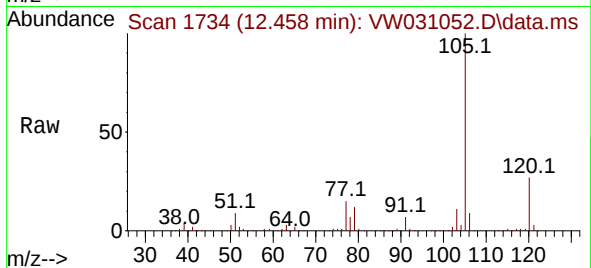
Tgt Ion:105 Resp: 604669

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 20.931 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

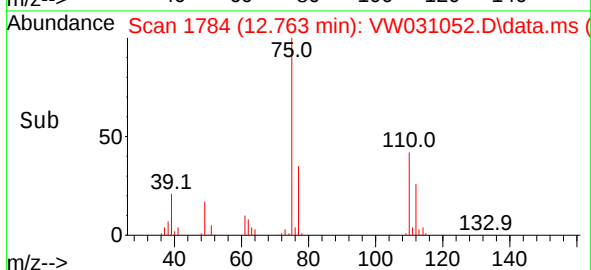
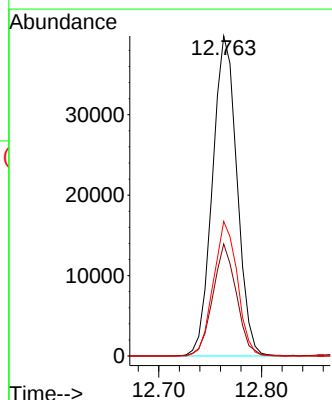
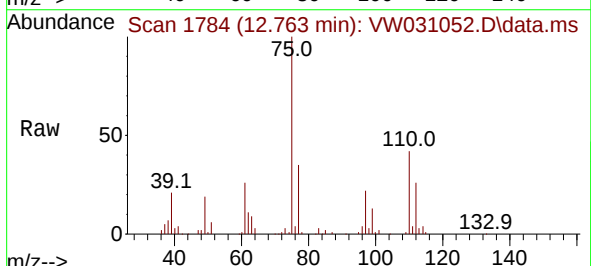
Tgt Ion: 75 Resp: 65938

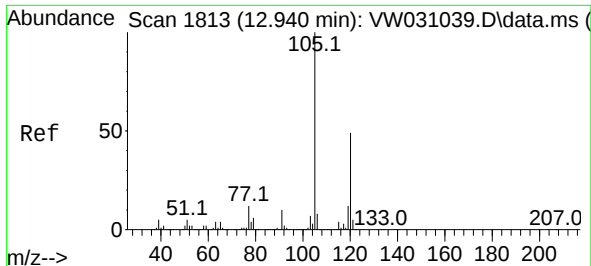
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 41.0 31.8 47.8

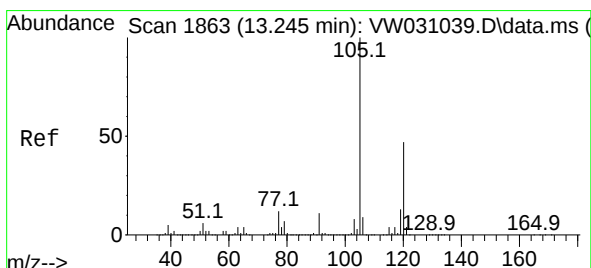
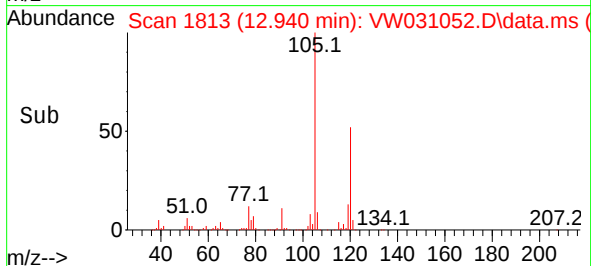
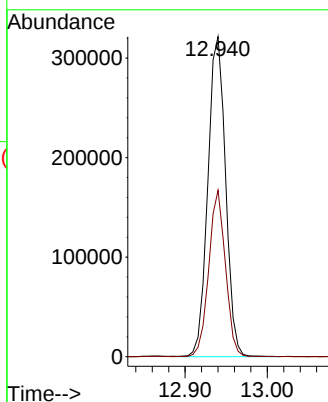
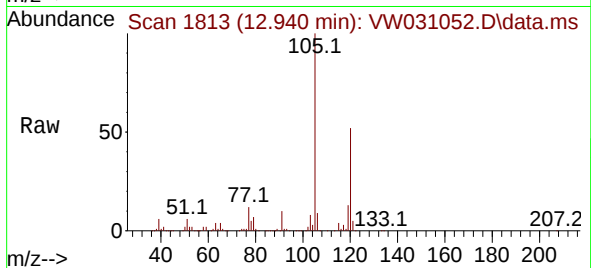




#62
1,3,5-Trimethylbenzene
Concen: 23.879 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

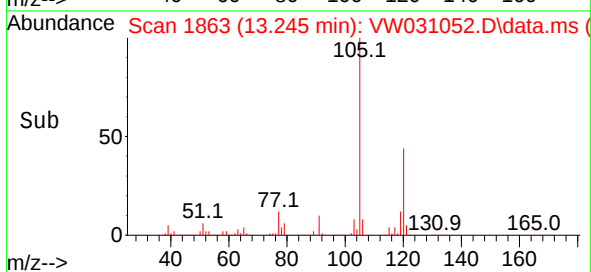
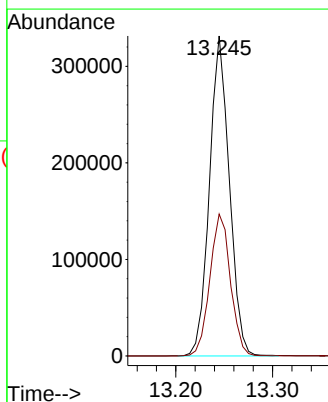
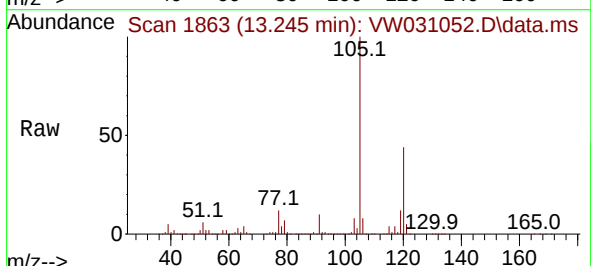
Instrument :
MSVOA_W
ClientSampleId :

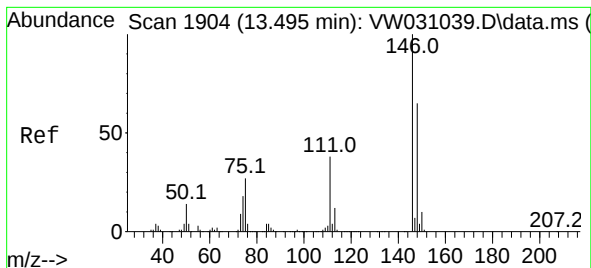
Tgt Ion:105 Resp: 481880
Ion Ratio Lower Upper
105 100
120 48.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 24.079 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:105 Resp: 473204
Ion Ratio Lower Upper
105 100
120 45.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 23.458 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :

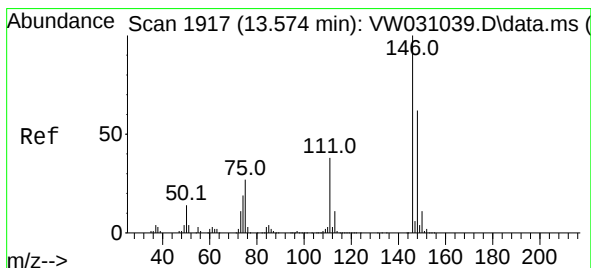
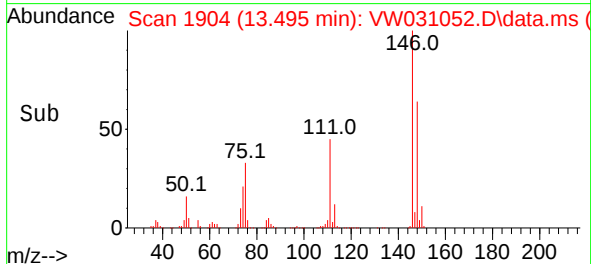
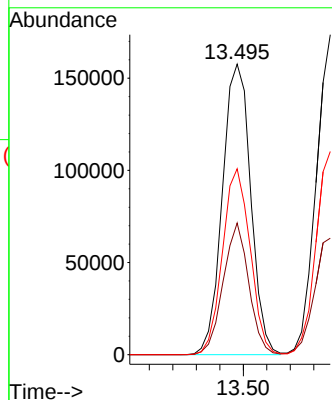
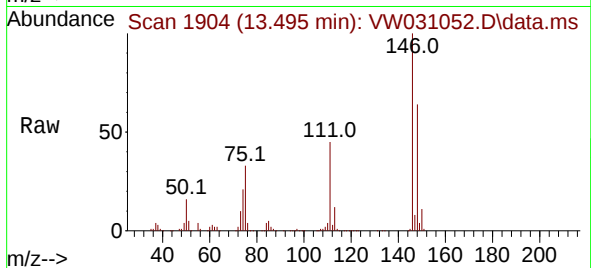
Tgt Ion:146 Resp: 263997

Ion Ratio Lower Upper

146 100

111 45.3 26.8 49.8

148 64.0 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 23.257 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

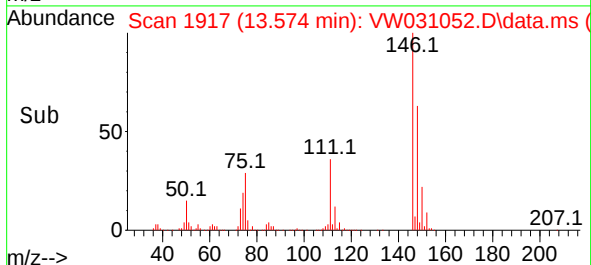
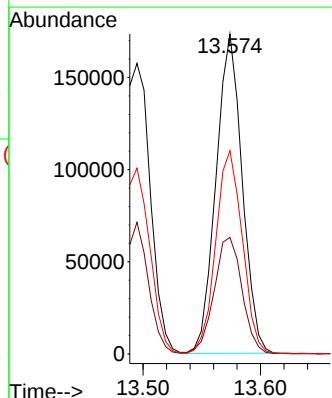
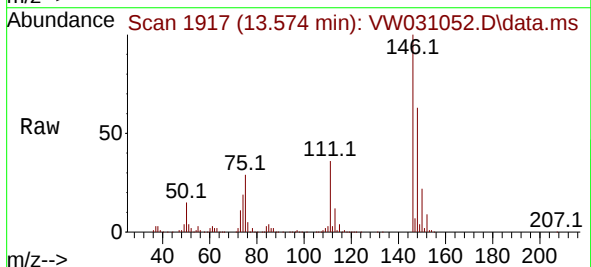
Tgt Ion:146 Resp: 268702

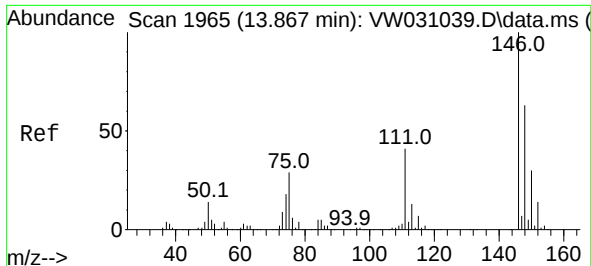
Ion Ratio Lower Upper

146 100

111 36.4 27.6 51.4

148 63.5 41.6 77.2

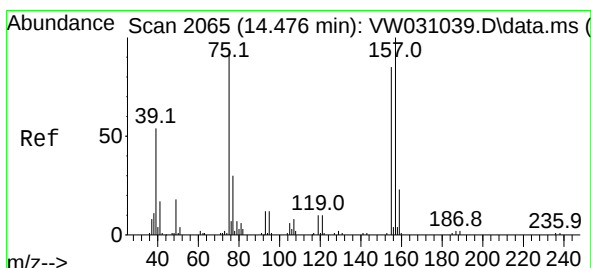
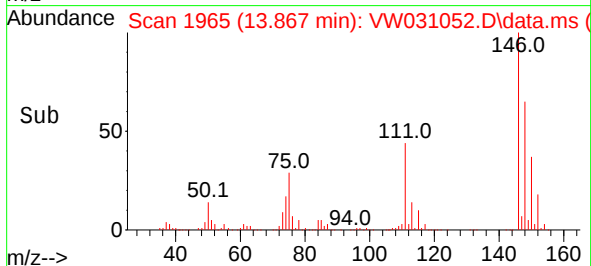
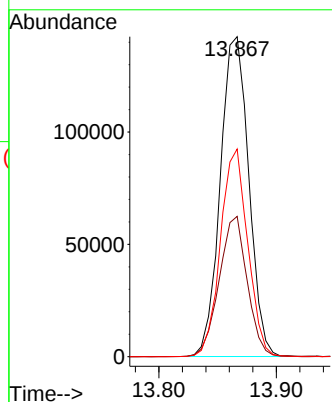
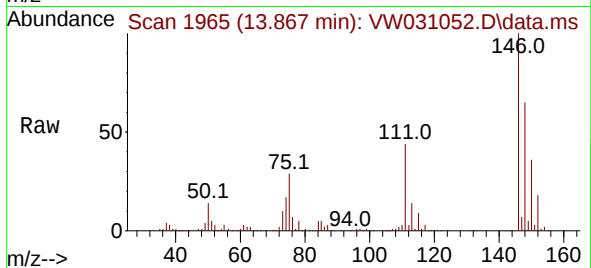




#67
1,2-Dichlorobenzene
Concen: 23.893 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

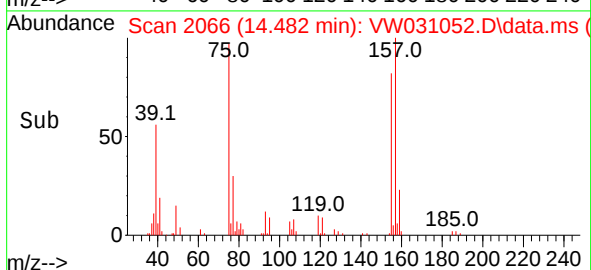
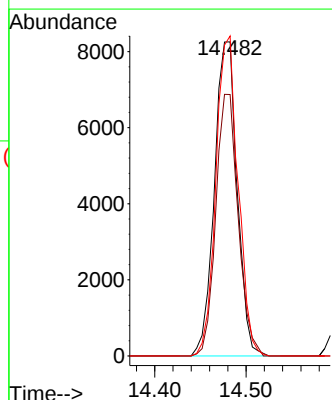
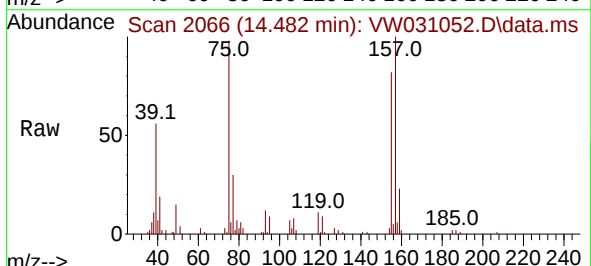
Instrument :
MSVOA_W
ClientSampleId :

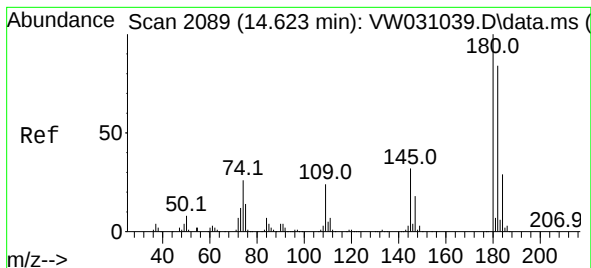
Tgt Ion:146 Resp: 239649
Ion Ratio Lower Upper
146 100
111 43.9 34.3 51.5
148 64.9 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.390 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion: 75 Resp: 14266
Ion Ratio Lower Upper
75 100
155 83.2 56.2 84.2
157 101.9 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 24.587 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

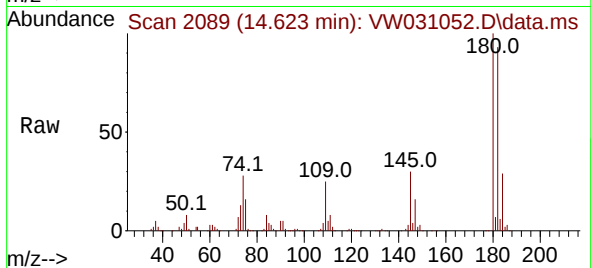
Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 183620

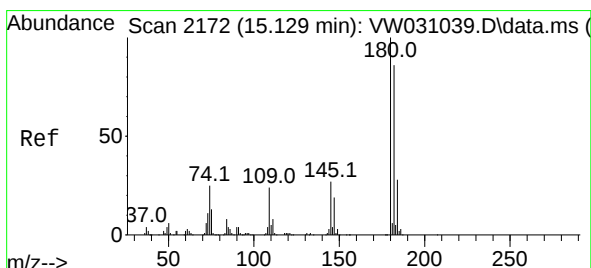
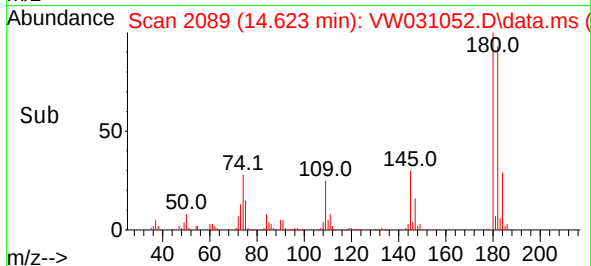
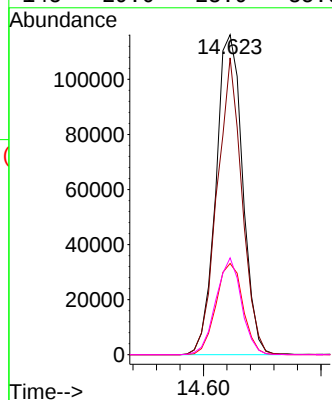
Ion Ratio Lower Upper

180 100

182 86.4 76.6 114.8

184 28.8 23.9 35.9

145 29.0 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 23.338 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031052.D

Acq: 18 Nov 2024 18:23

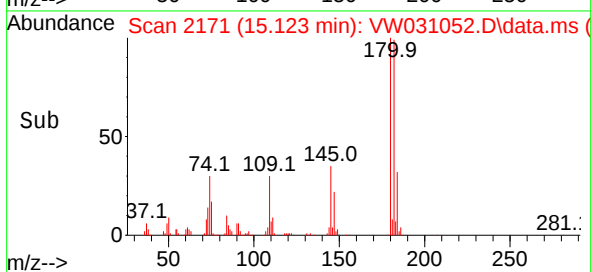
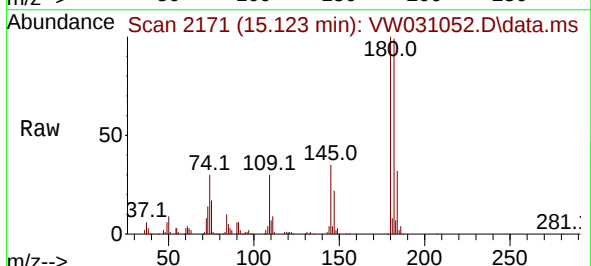
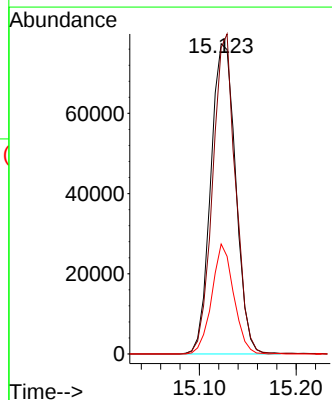
Tgt Ion:180 Resp: 138396

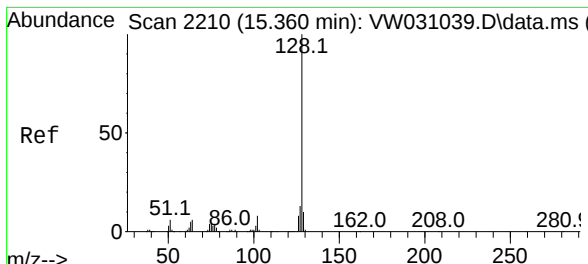
Ion Ratio Lower Upper

180 100

182 94.5 74.5 111.7

145 31.2 24.2 36.2



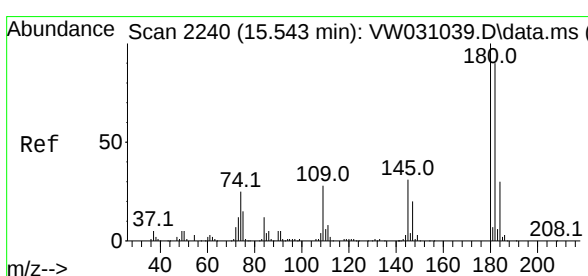
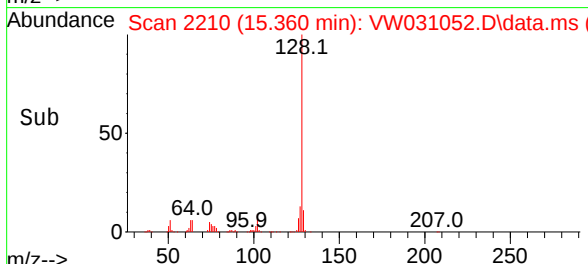
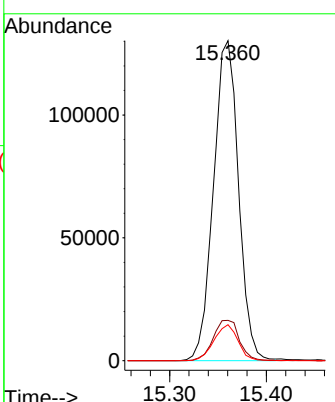
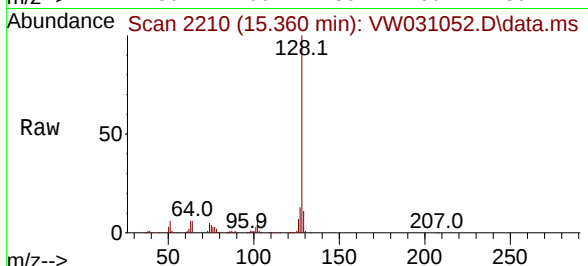


#71
Naphthalene
Concen: 24.314 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 233737

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.970 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031052.D
Acq: 18 Nov 2024 18:23

Tgt Ion:180 Resp: 132720

Ion	Ratio	Lower	Upper
180	100		
182	93.4	79.2	118.8
145	32.3	27.0	40.6

