

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030137.D
 Acq On : 16 Sep 2024 17:00
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 17 04:50:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:41:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260895	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69820	20.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
7) Chloroethane-d5	2.899	69	52986	22.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	4.021	65	36377	21.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	7.081	46	39988	49.016	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.040%
24) Chloroform-d	7.648	84	165773	23.109	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.307	65	83103	23.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.276	84	323215	23.673	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.276	67	99339	23.565	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	10.325	98	298707	24.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.575	79	40918	24.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.922	63	34479	53.451	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74768	23.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	95197	24.011	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58384	20.295	ug/L	90
3) Chloromethane	2.229	50	67061	24.967	ug/L	96
5) Vinyl chloride	2.375	62	75864	22.919	ug/L	100
6) Bromomethane	2.796	94	48034	24.223	ug/L	92
8) Chloroethane	2.942	64	46367	23.470	ug/L	96
9) Trichlorofluoromethane	3.271	101	85013	21.776	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77744	21.968	ug/L #	81
12) 1,1-Dichloroethene	4.051	96	75999	24.403	ug/L	79
13) Acetone	4.118	43	50413	53.861	ug/L	97
14) Carbon disulfide	4.387	76	204428	23.108	ug/L	99
15) Methyl Acetate	4.667	43	36757	24.284	ug/L	99
16) Methylene chloride	4.917	84	89987	23.391	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	83759	24.397	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	142294	26.299	ug/L	98
19) 1,1-Dichloroethane	6.216	63	173234	24.850	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	98658	26.185	ug/L	99
22) 2-Butanone	7.167	43	58885	53.147	ug/L	99
23) Bromochloromethane	7.520	128	42094	25.000	ug/L	89
25) Chloroform	7.679	83	174260	24.611	ug/L	97

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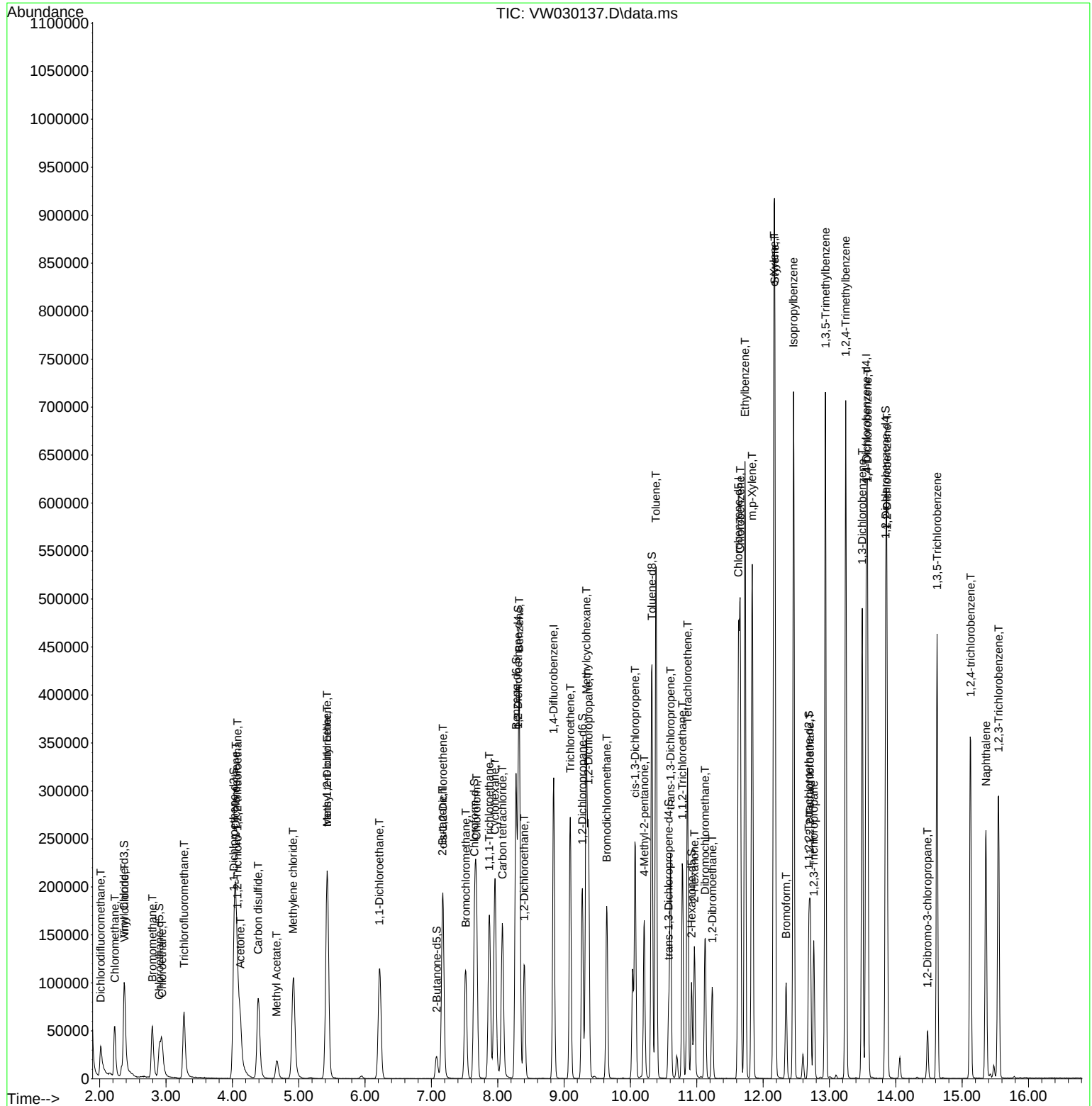
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109614	24.688	ug/L	100
29) Cyclohexane	7.959	56	122236	24.208	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	144594	25.223	ug/L	99
31) Carbon tetrachloride	8.069	117	125540	24.100	ug/L	98
33) Benzene	8.325	78	369571	25.505	ug/L	100
34) Trichloroethene	9.093	95	97469	24.918	ug/L	95
35) Methylcyclohexane	9.337	83	144512	23.964	ug/L	100
37) 1,2-Dichloropropane	9.368	63	99743	25.396	ug/L	100
38) Bromodichloromethane	9.642	83	124279	25.130	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	154686	26.923	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107642	53.639	ug/L	99
42) Toluene	10.386	91	408098	26.542	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	128305	26.546	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	71643	25.069	ug/L	97
46) Tetrachloroethene	10.861	164	71733	24.853	ug/L	92
48) 2-Hexanone	10.965	43	84938	55.040	ug/L	98
49) Dibromochloromethane	11.123	129	78661	25.290	ug/L	97
50) 1,2-Dibromoethane	11.233	107	65027	24.677	ug/L #	95
51) Chlorobenzene	11.654	112	251723	25.347	ug/L	95
52) Ethylbenzene	11.727	91	459792	26.124	ug/L	100
53) m,p-Xylene	11.837	106	172792	26.609	ug/L	94
54) o-Xylene	12.166	106	164813	26.971	ug/L	94
55) Styrene	12.178	104	284616	26.852	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	83579	24.502	ug/L	94
59) Bromoform	12.349	173	47003	25.428	ug/L	98
60) Isopropylbenzene	12.458	105	453668	26.382	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60819	25.031	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	375711	29.810	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	374954	28.617	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203186	26.661	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	200159	25.421	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	183457	26.710	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13333	25.161	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	135772	25.523	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	115751	26.862	ug/L	99
71) Naphthalene	15.360	128	221626	28.323	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	105974	28.045	ug/L	95

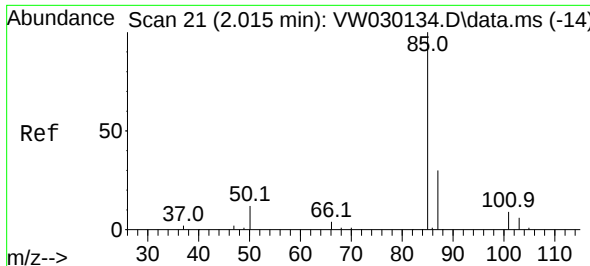
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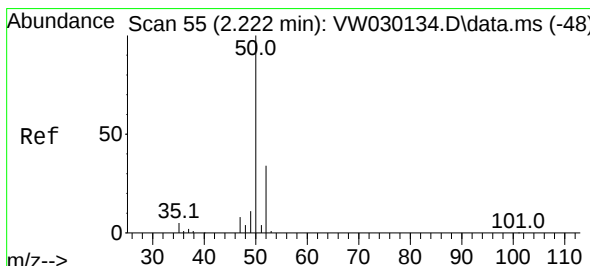
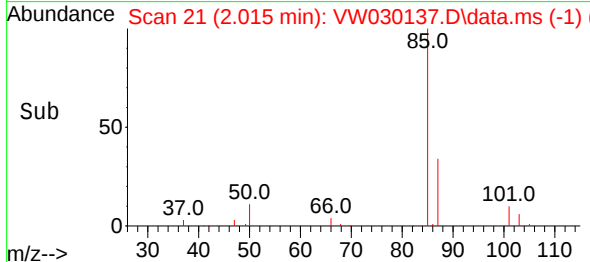
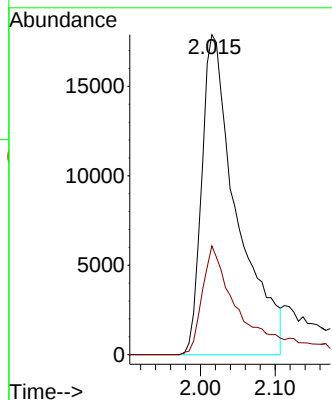
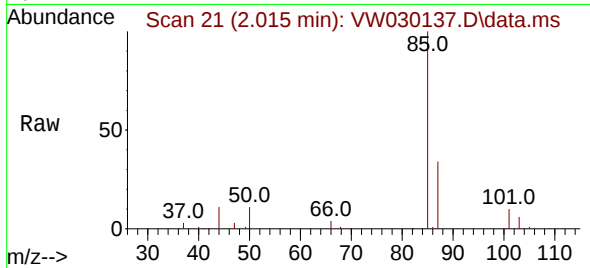




#2
 Dichlorodifluoromethane
 Concen: 20.295 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030137.D
 Acq: 16 Sep 2024 17:00

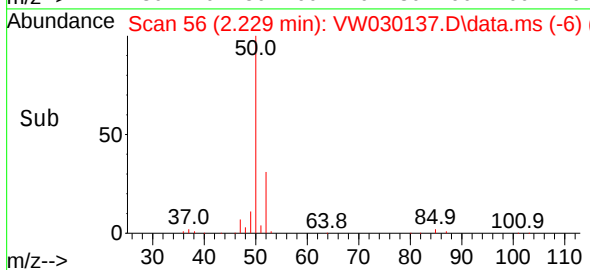
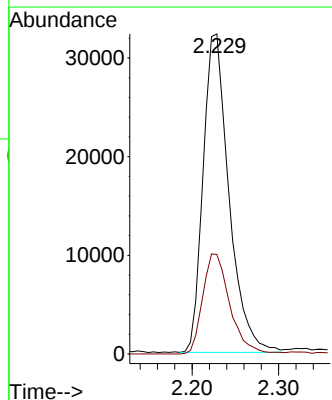
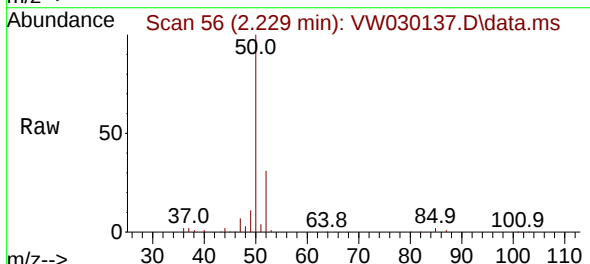
Instrument :
 MSVOA_W
 ClientSampleId :

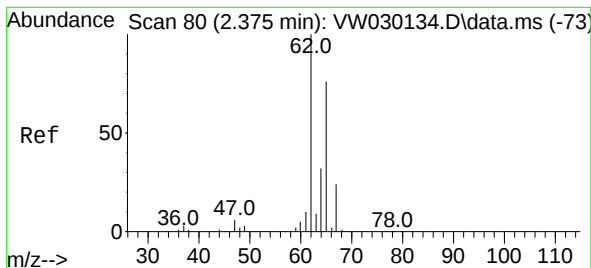
Tgt Ion: 85 Resp: 58384
 Ion Ratio Lower Upper
 85 100
 87 31.8 21.2 31.8



#3
 Chloromethane
 Concen: 24.967 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030137.D
 Acq: 16 Sep 2024 17:00

Tgt Ion: 50 Resp: 67061
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.4 43.6





#5

Vinyl chloride

Concen: 22.919 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

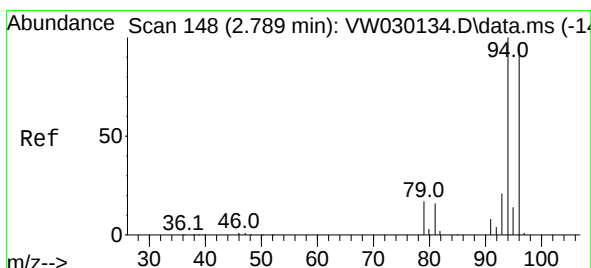
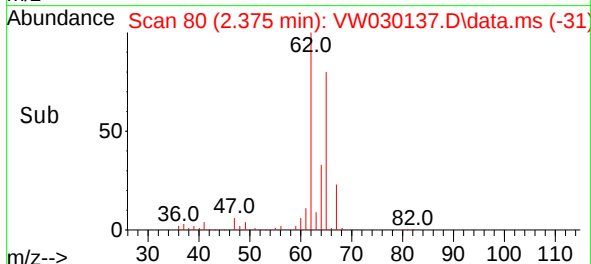
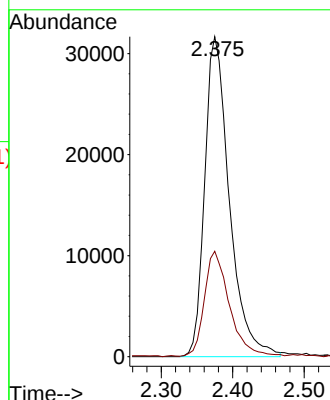
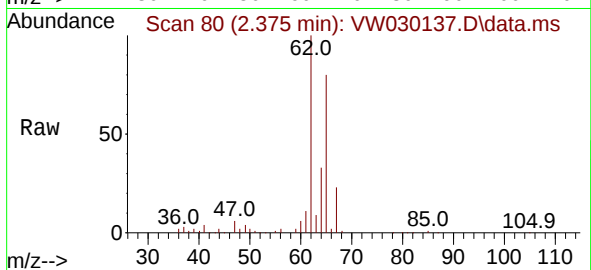
ClientSampleId :

Tgt Ion: 62 Resp: 75864

Ion Ratio Lower Upper

62 100

64 33.0 23.0 42.8



#6

Bromomethane

Concen: 24.223 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW030137.D

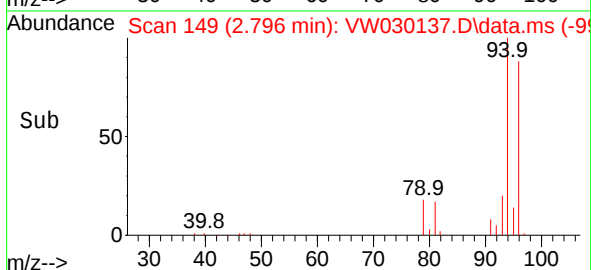
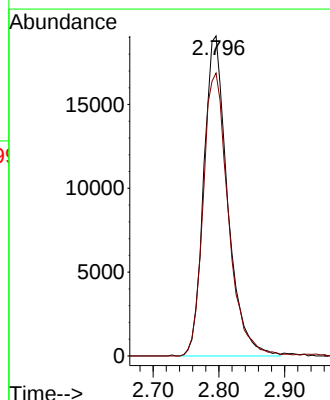
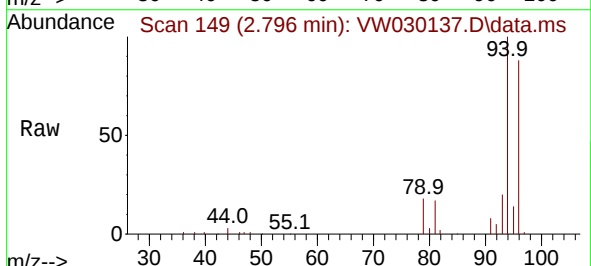
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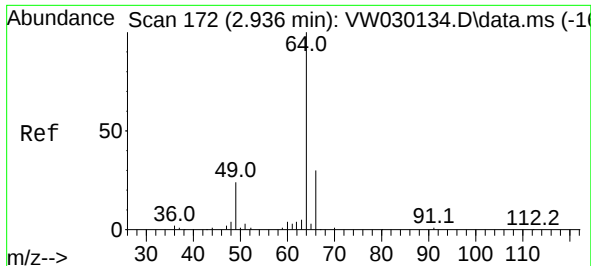
Tgt Ion: 94 Resp: 48034

Ion Ratio Lower Upper

94 100

96 88.4 67.5 125.3

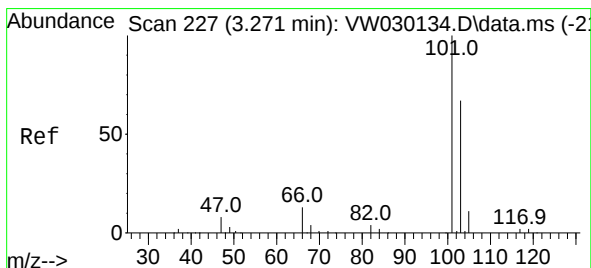
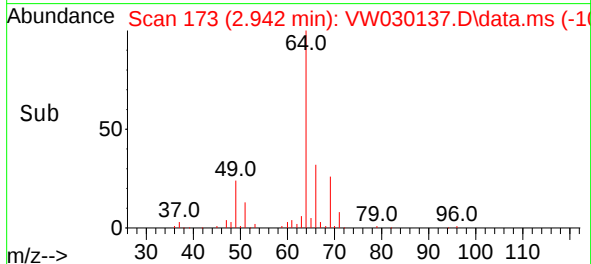
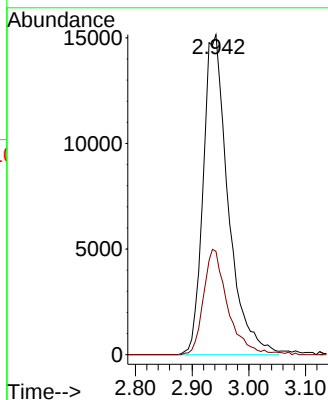
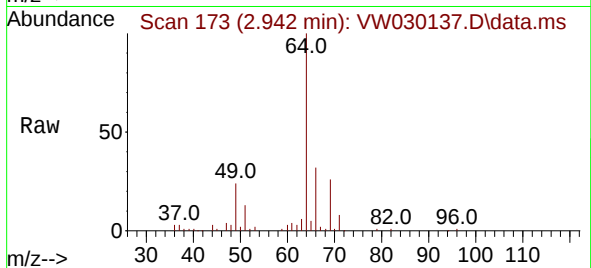




#8
Chloroethane
Concen: 23.470 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

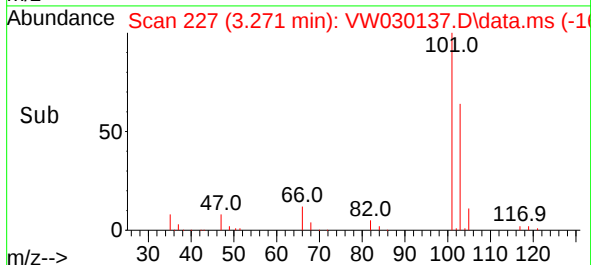
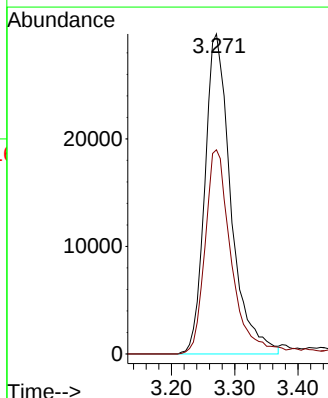
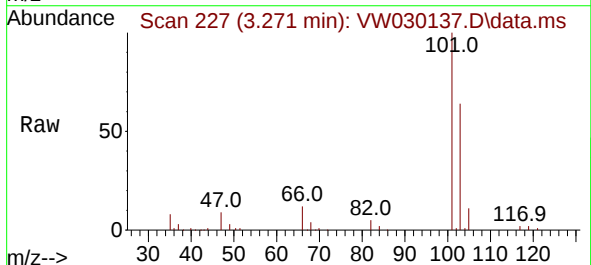
Instrument :
MSVOA_W
ClientSampleId :

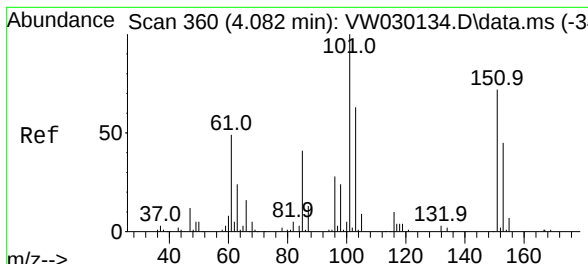
Tgt Ion: 64 Resp: 46367
Ion Ratio Lower Upper
64 100
66 32.3 21.1 39.3



#9
Trichlorofluoromethane
Concen: 21.776 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion:101 Resp: 85013
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

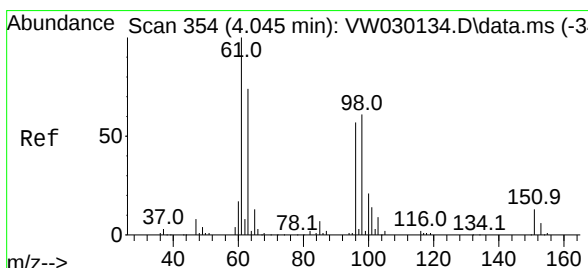
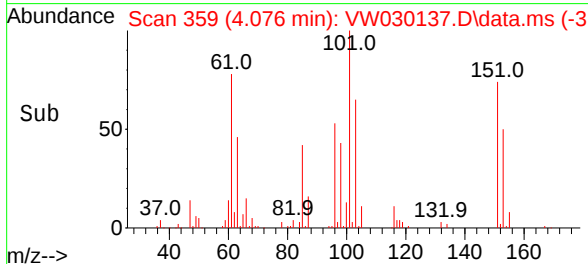
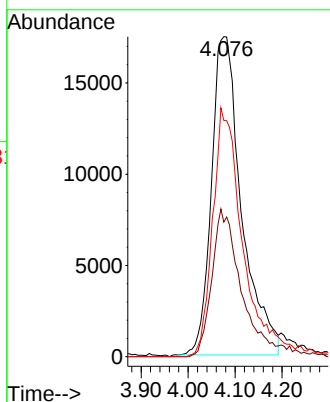
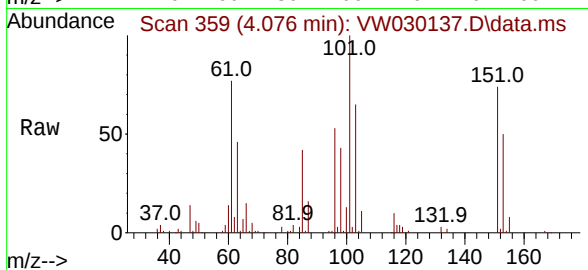




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.968 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030137.D
 Acq: 16 Sep 2024 17:00

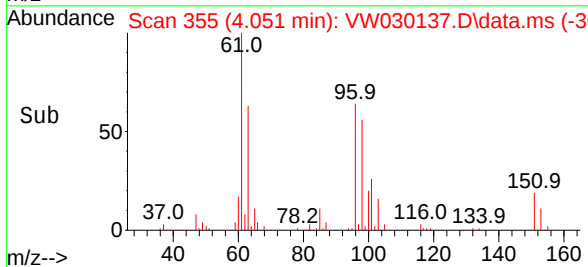
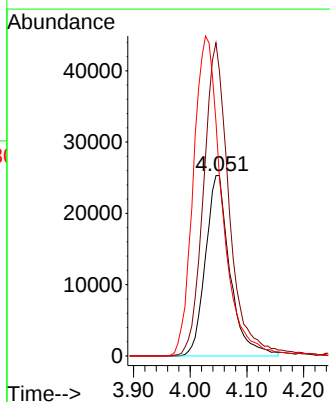
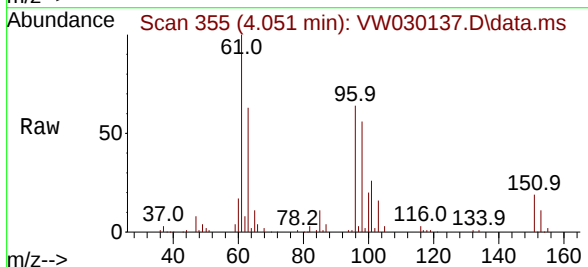
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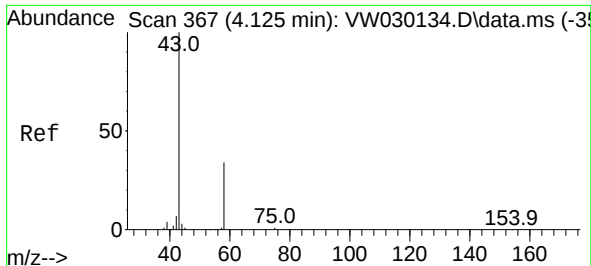
Tgt Ion:101 Resp: 77744
 Ion Ratio Lower Upper
 101 100
 85 19.5 34.2 51.2#
 151 77.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.403 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW030137.D
 Acq: 16 Sep 2024 17:00

Tgt Ion: 96 Resp: 75999
 Ion Ratio Lower Upper
 96 100
 61 157.5 124.0 230.4
 63 98.5 93.3 173.3





#13

Acetone

Concen: 53.861 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

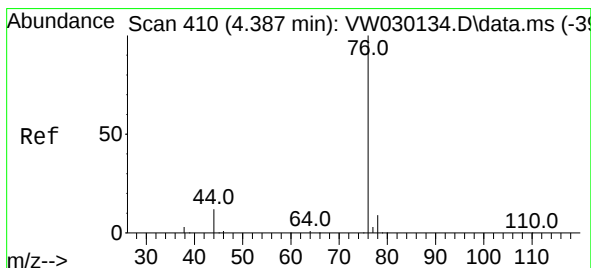
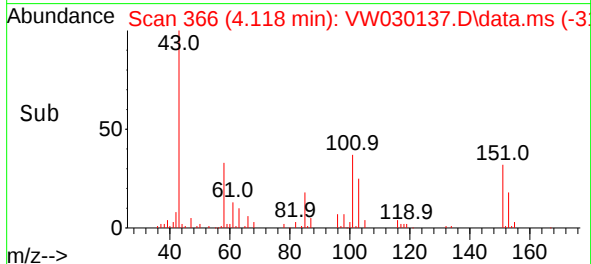
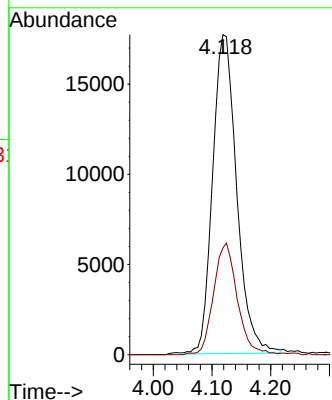
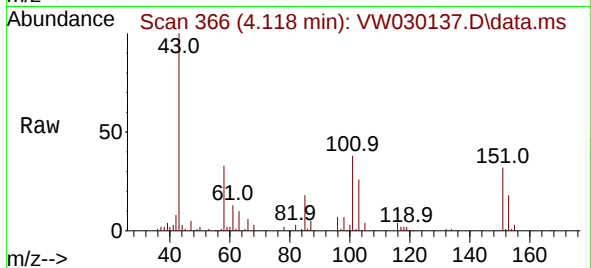
ClientSampleId :

Tgt Ion: 43 Resp: 50413

Ion Ratio Lower Upper

43 100

58 34.1 0.0 65.0



#14

Carbon disulfide

Concen: 23.108 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030137.D

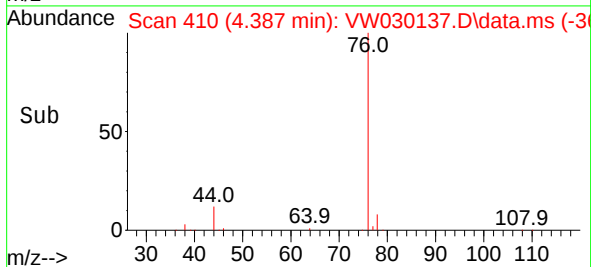
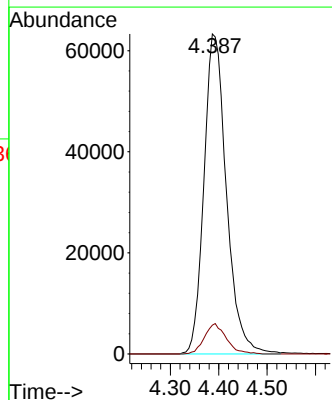
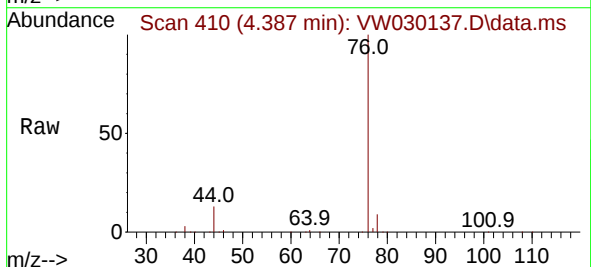
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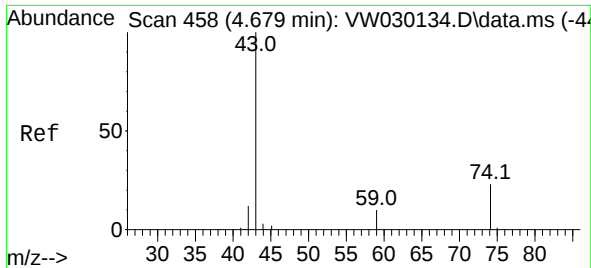
Tgt Ion: 76 Resp: 204428

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

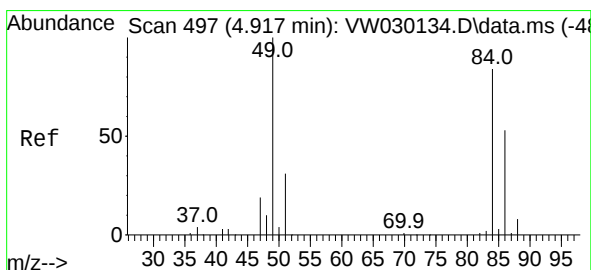
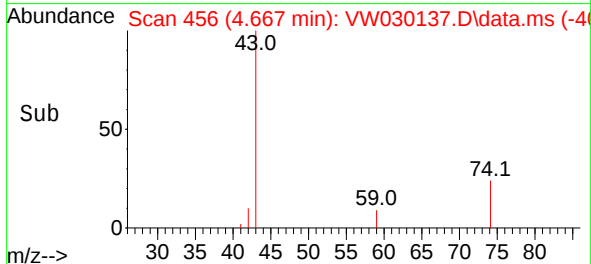
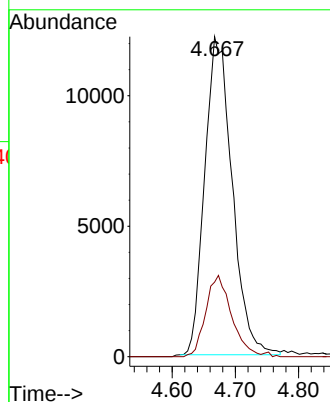
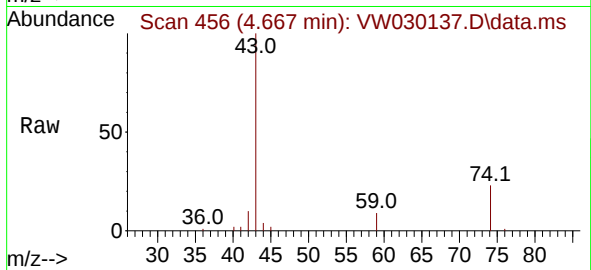




#15
Methyl Acetate
Concen: 24.284 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

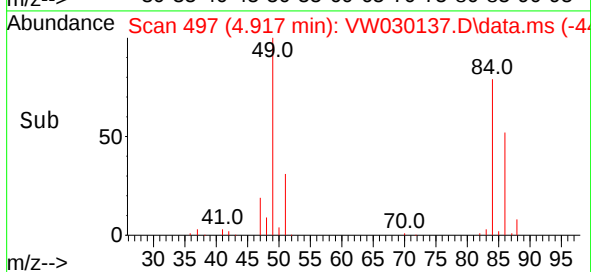
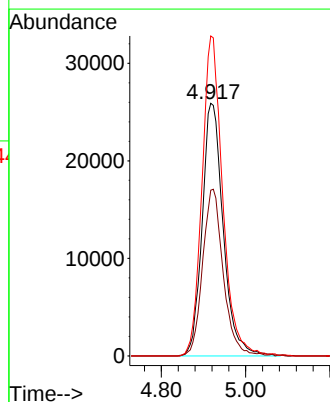
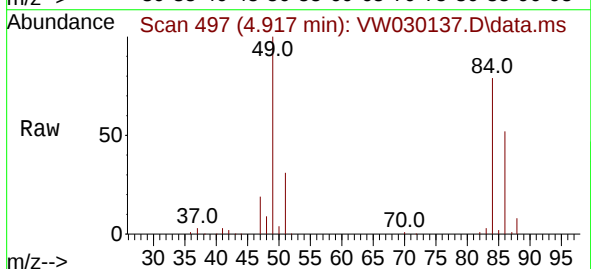
Instrument :
MSVOA_W
ClientSampleId :

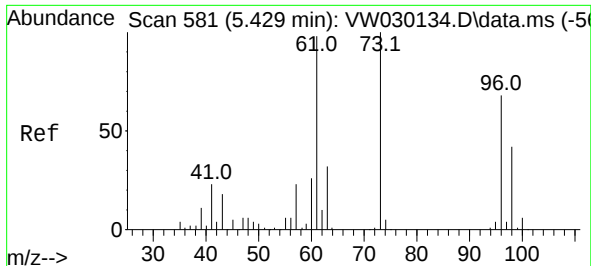
Tgt Ion: 43 Resp: 36757
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3



#16
Methylene chloride
Concen: 23.391 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion: 84 Resp: 89987
Ion Ratio Lower Upper
84 100
86 65.6 44.6 82.8
49 126.7 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 24.397 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

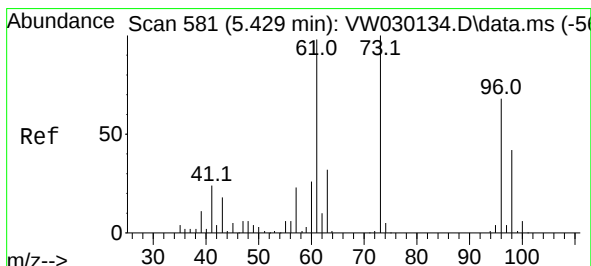
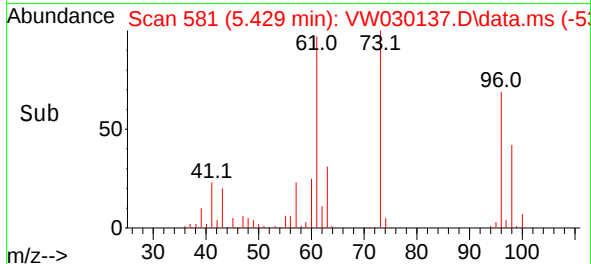
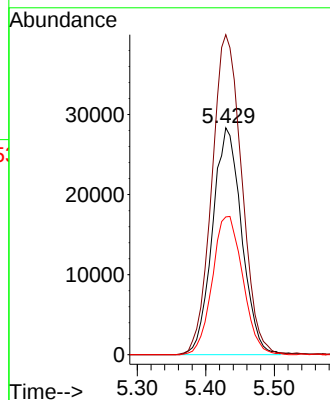
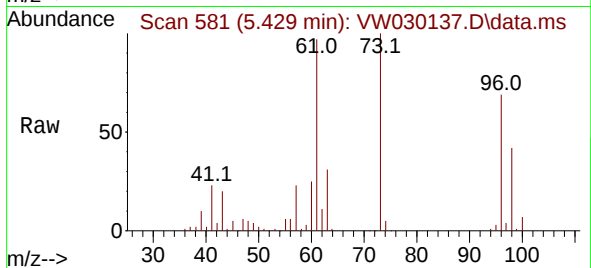
Tgt Ion: 96 Resp: 83759

Ion Ratio Lower Upper

96 100

61 141.1 100.8 187.2

98 60.8 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 26.299 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

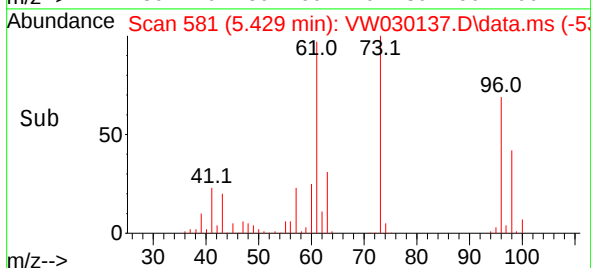
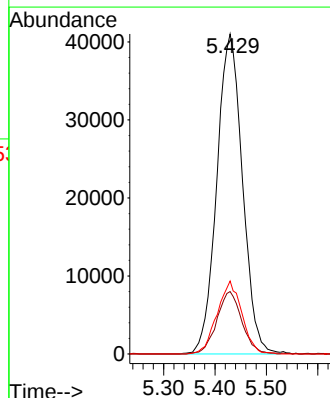
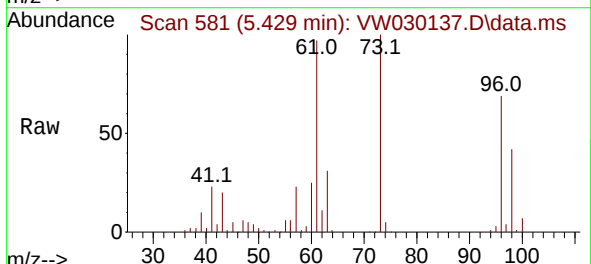
Tgt Ion: 73 Resp: 142294

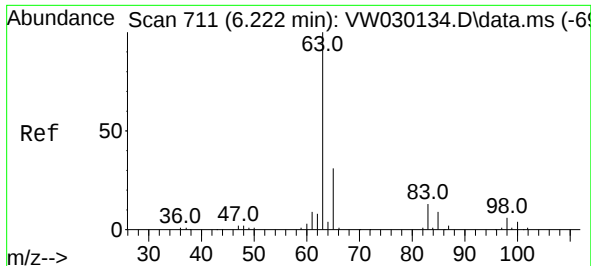
Ion Ratio Lower Upper

73 100

43 19.0 15.7 23.5

57 21.9 18.8 28.2





#19

1,1-Dichloroethane

Concen: 24.850 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

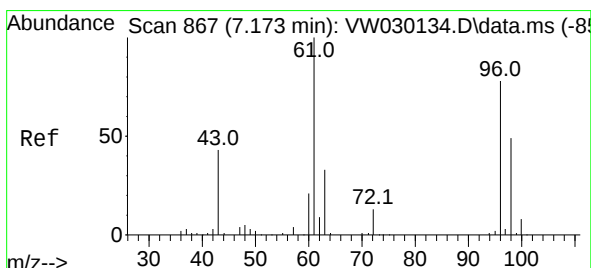
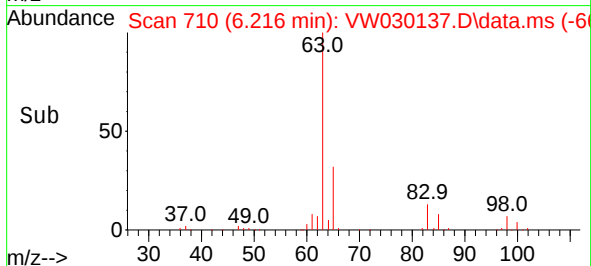
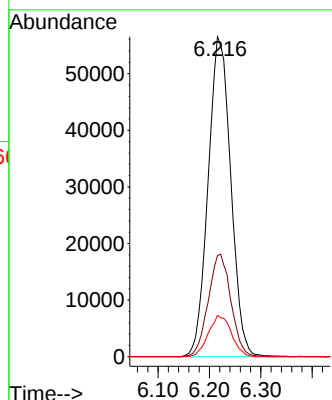
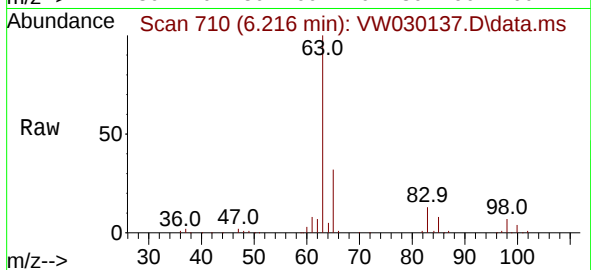
Tgt Ion: 63 Resp: 173234

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.0

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.185 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

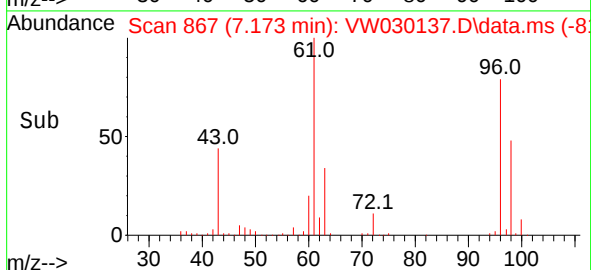
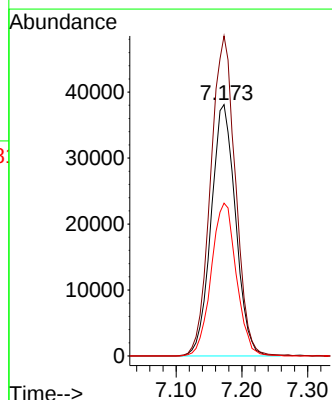
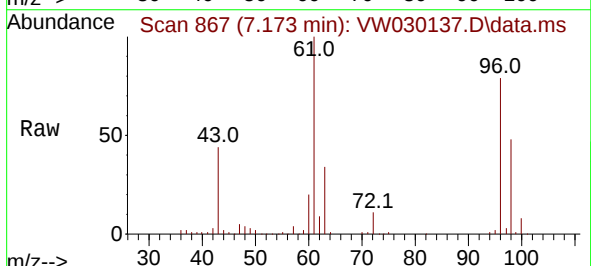
Tgt Ion: 96 Resp: 98658

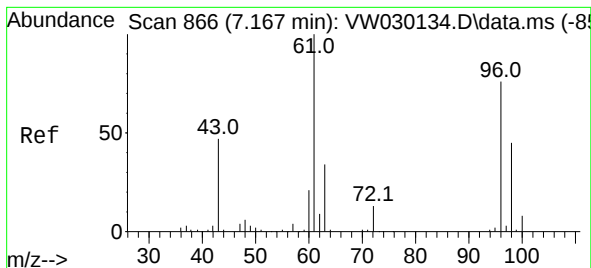
Ion Ratio Lower Upper

96 100

61 127.3 89.5 166.3

98 60.8 44.3 82.3





#22

2-Butanone

Concen: 53.147 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

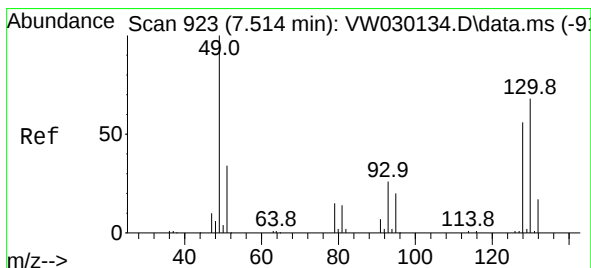
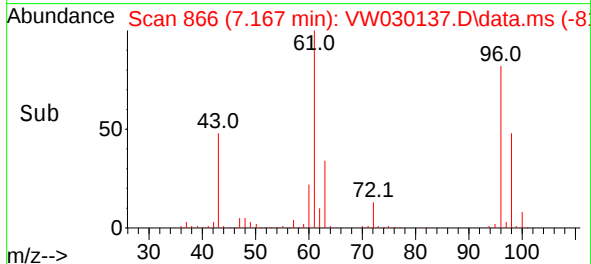
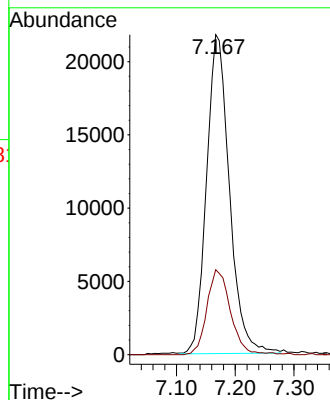
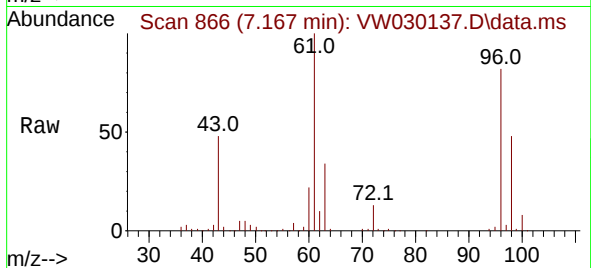
ClientSampleId :

Tgt Ion: 43 Resp: 58885

Ion Ratio Lower Upper

43 100

72 27.2 13.9 41.7



#23

Bromochloromethane

Concen: 25.000 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Tgt Ion: 128 Resp: 42094

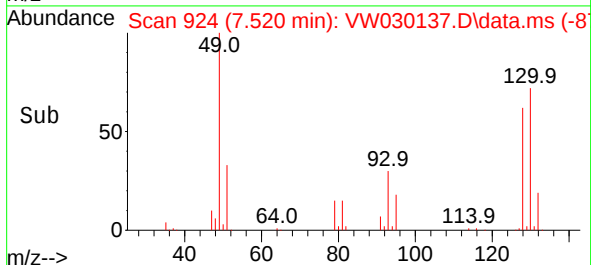
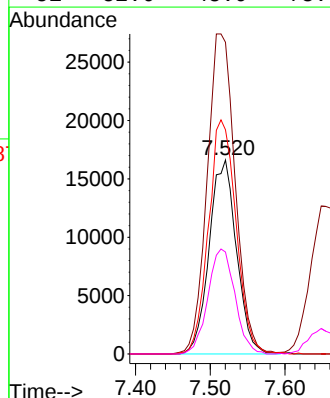
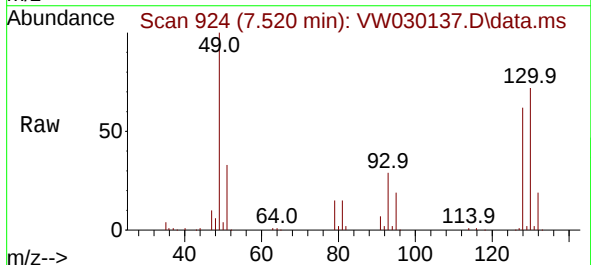
Ion Ratio Lower Upper

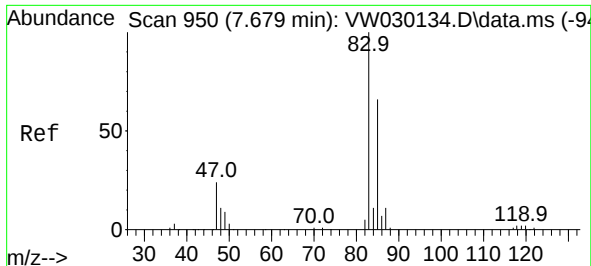
128 100

49 160.8 126.1 234.1

130 115.7 85.9 159.5

51 52.6 48.9 73.3





#25

Chloroform

Concen: 24.611 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

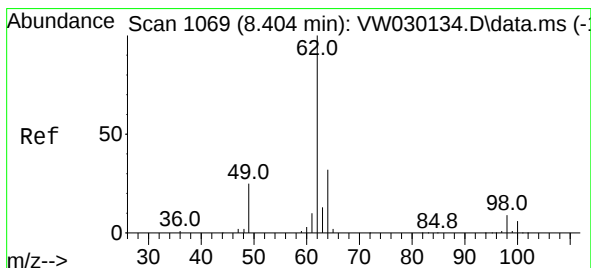
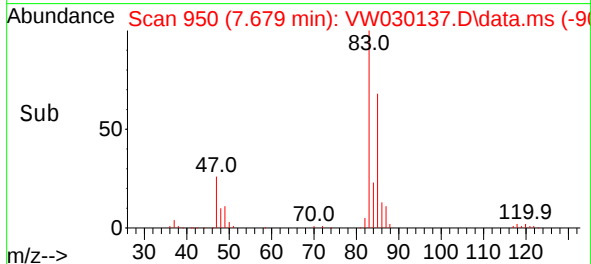
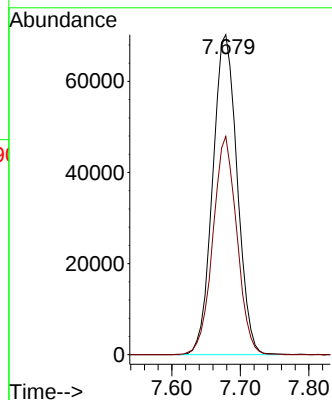
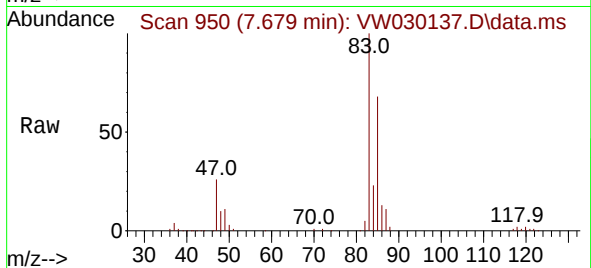
ClientSampleId :

Tgt Ion: 83 Resp: 174260

Ion Ratio Lower Upper

83 100

85 68.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 24.688 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030137.D

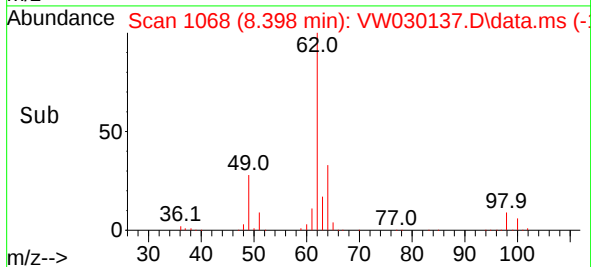
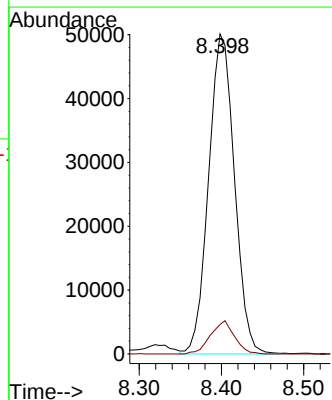
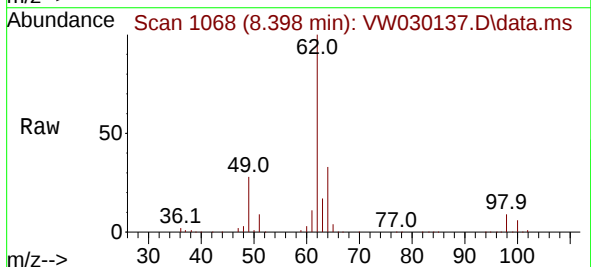
Acq: 16 Sep 2024 17:00

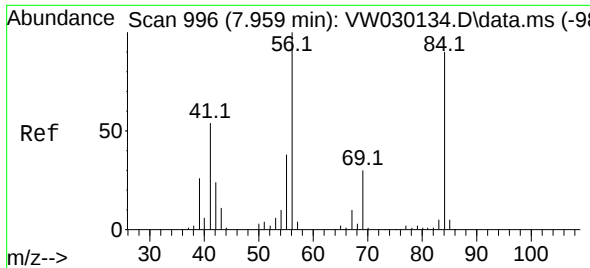
Tgt Ion: 62 Resp: 109614

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9





#29

Cyclohexane

Concen: 24.208 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

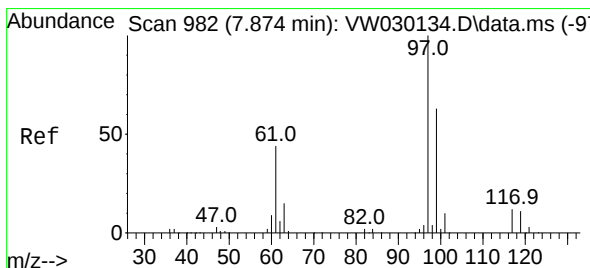
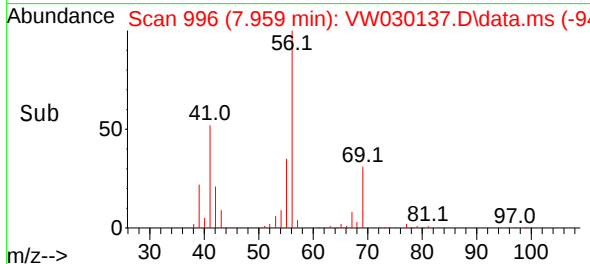
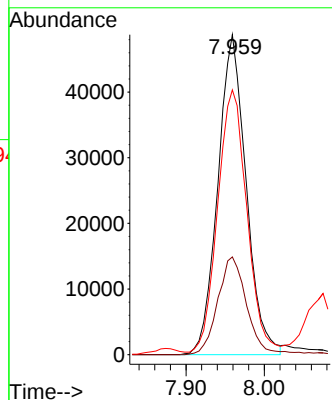
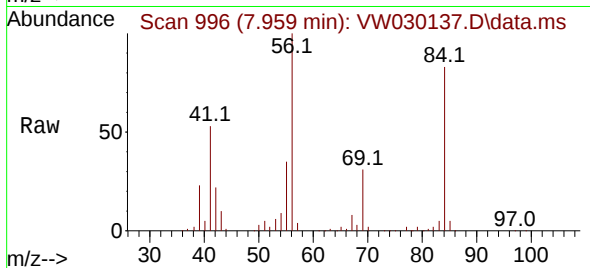
Tgt Ion: 56 Resp: 122236

Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 86.3 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 25.223 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

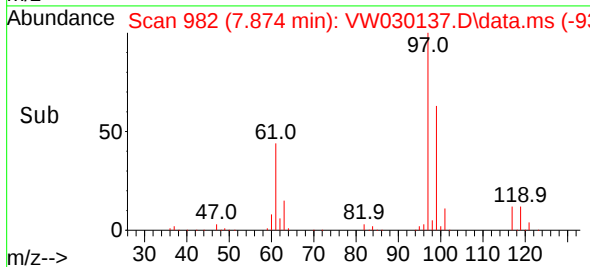
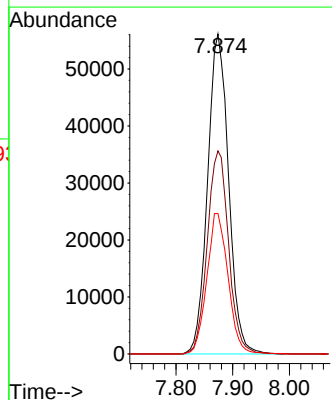
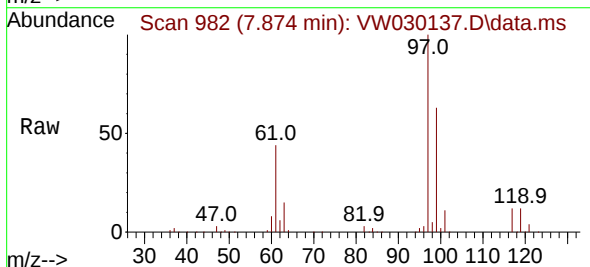
Tgt Ion: 97 Resp: 144594

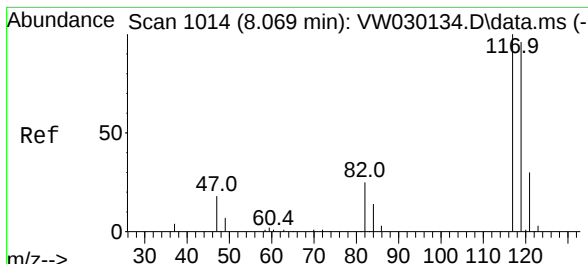
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 44.3 36.4 54.6



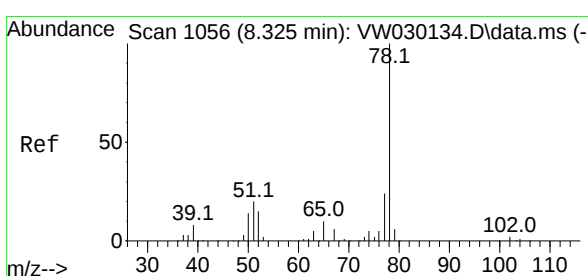
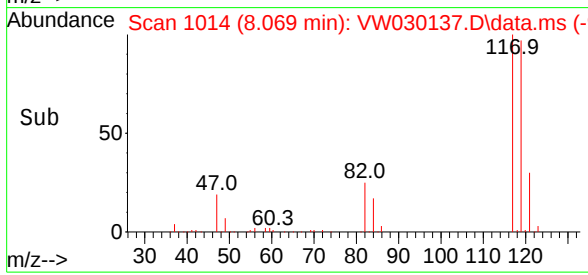
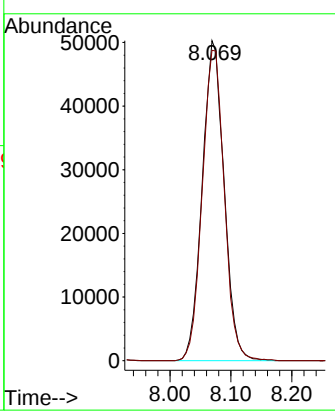
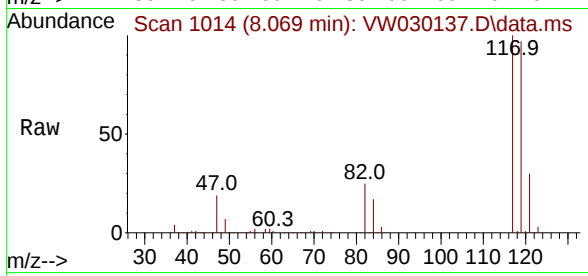


#31
Carbon tetrachloride
Concen: 24.100 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Instrument :
MSVOA_W
ClientSampleId :

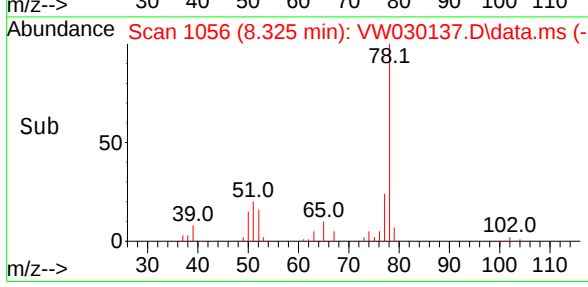
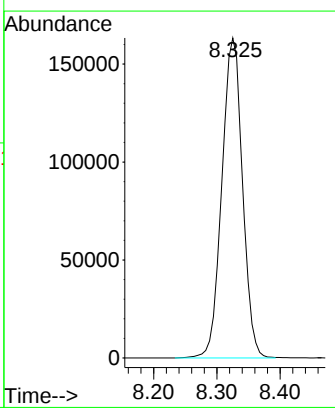
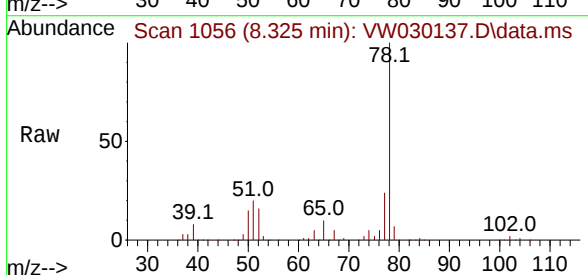
Tgt Ion:117 Resp: 125540

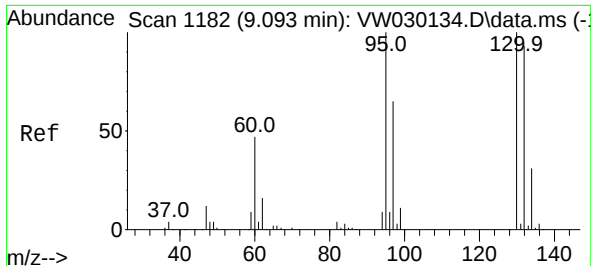
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.4



#33
Benzene
Concen: 25.505 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

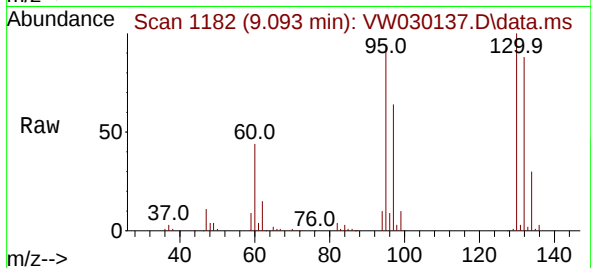
Tgt Ion: 78 Resp: 369571





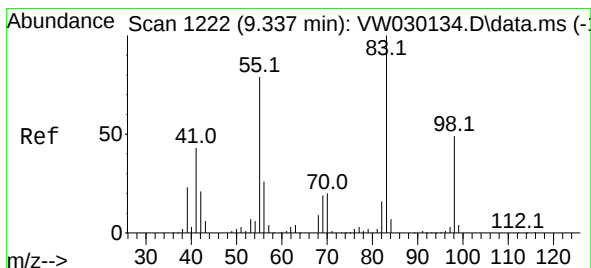
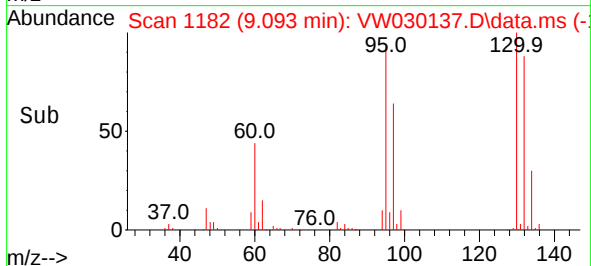
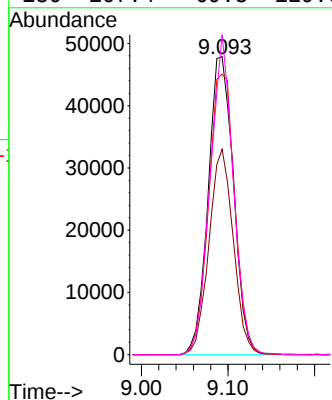
#34
Trichloroethene
Concen: 24.918 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 97469

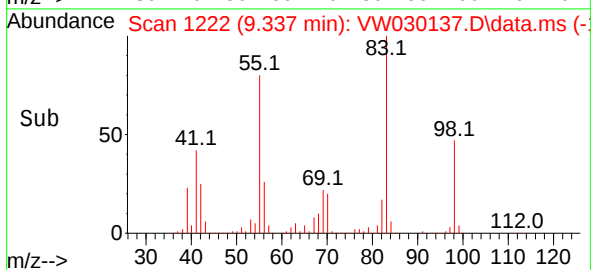
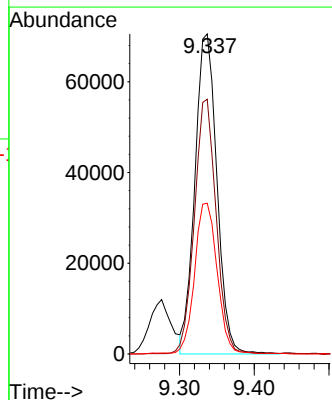
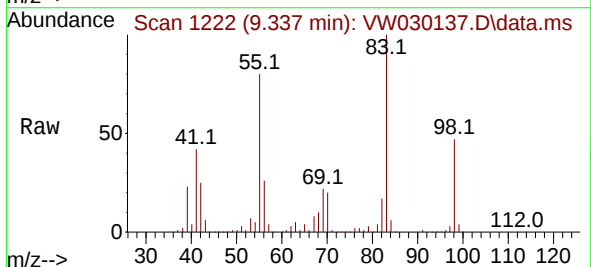
Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.2	84.0
132	94.1	64.8	120.3
130	107.4	69.8	129.6

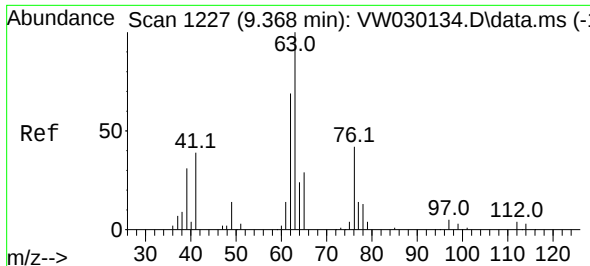


#35
Methylcyclohexane
Concen: 23.964 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion: 83 Resp: 144512

Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.0	94.6
98	48.2	38.7	58.1





#37

1,2-Dichloropropane

Concen: 25.396 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

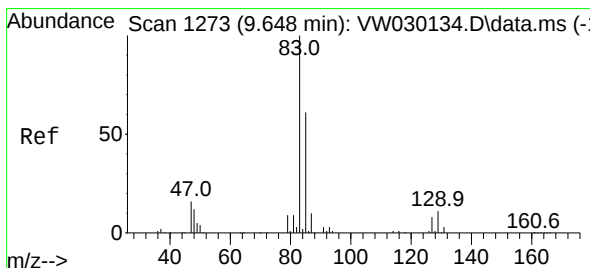
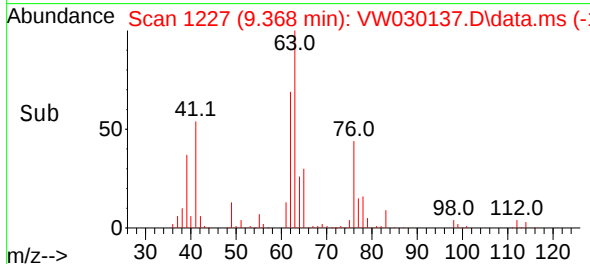
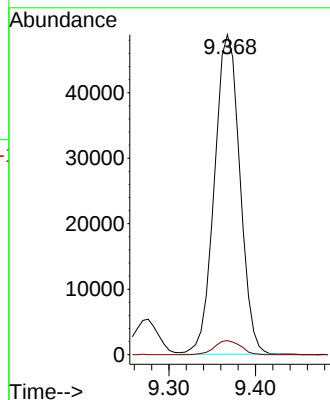
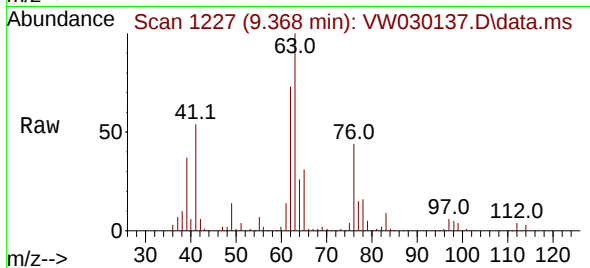
ClientSampleId :

Tgt Ion: 63 Resp: 99743

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 25.130 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

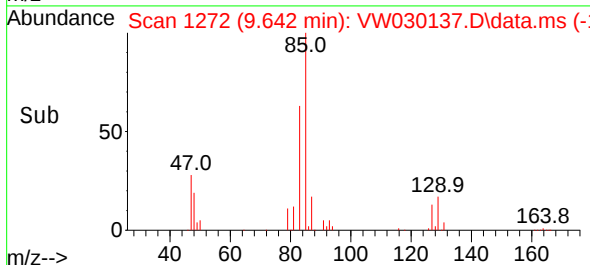
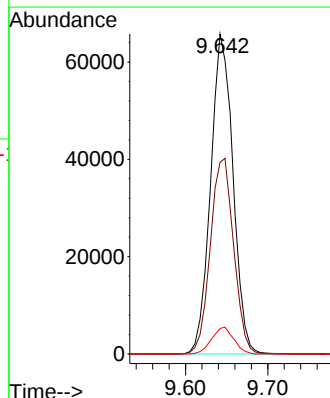
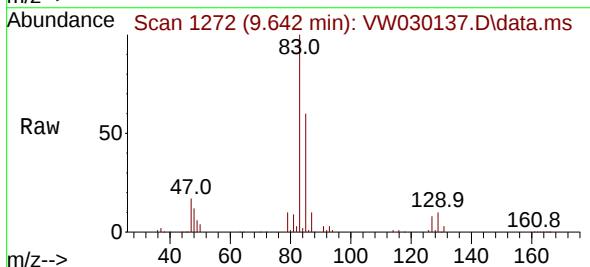
Tgt Ion: 83 Resp: 124279

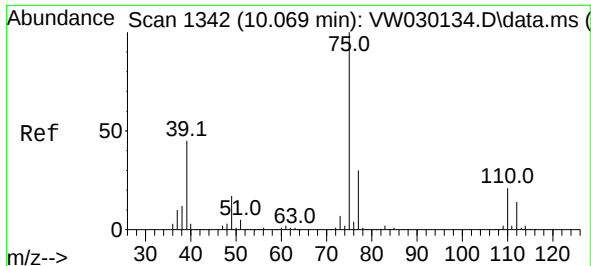
Ion Ratio Lower Upper

83 100

85 59.9 42.6 79.0

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.923 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

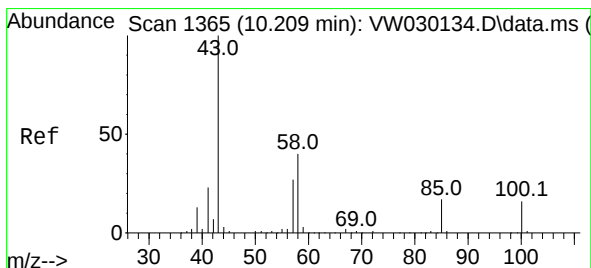
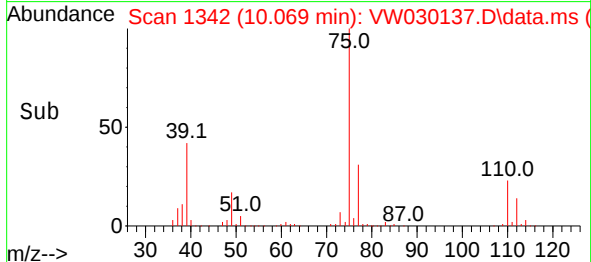
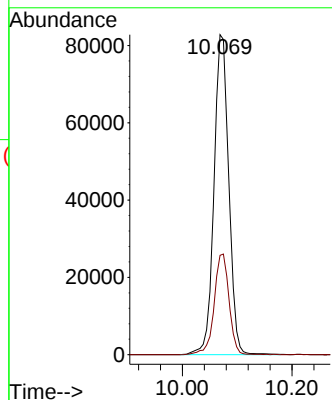
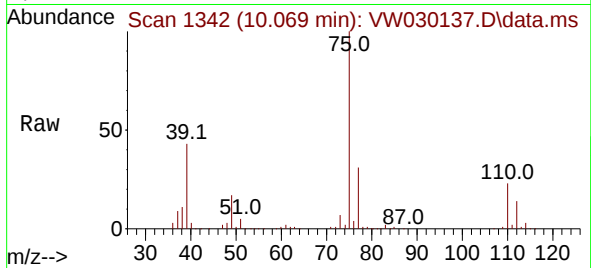
ClientSampleId :

Tgt Ion: 75 Resp: 154686

Ion Ratio Lower Upper

75 100

77 31.1 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 53.639 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

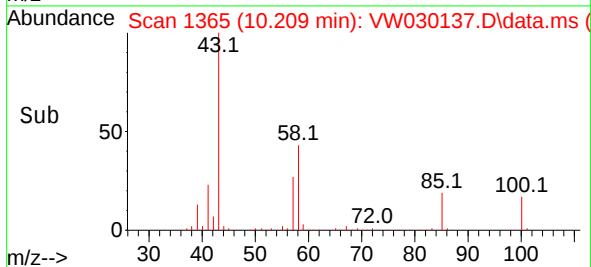
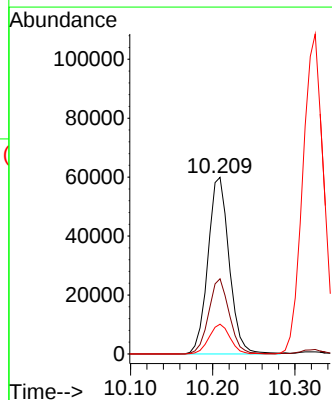
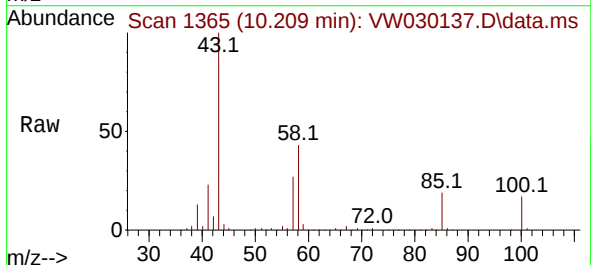
Tgt Ion: 43 Resp: 107642

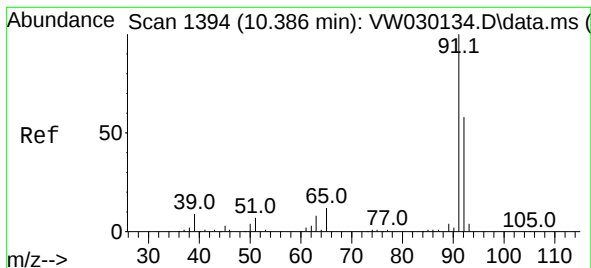
Ion Ratio Lower Upper

43 100

58 41.3 32.7 49.1

100 16.6 12.7 19.1





#42

Toluene

Concen: 26.542 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

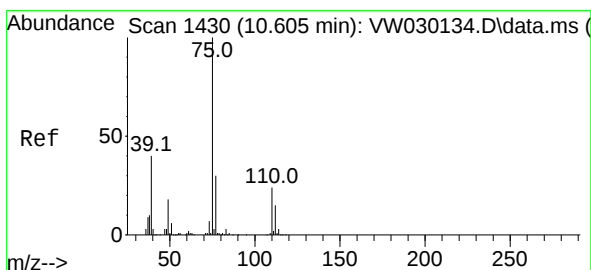
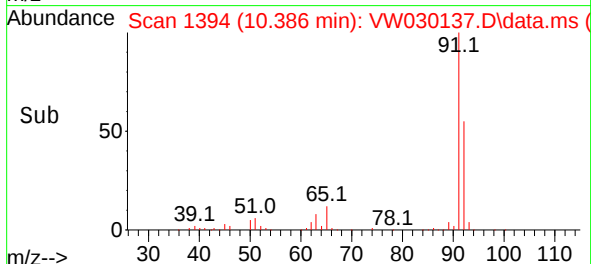
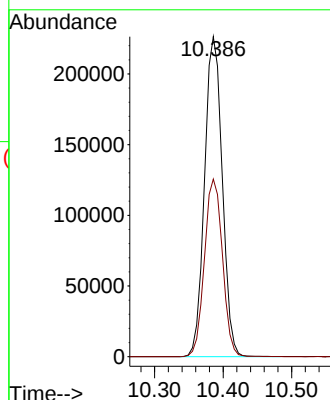
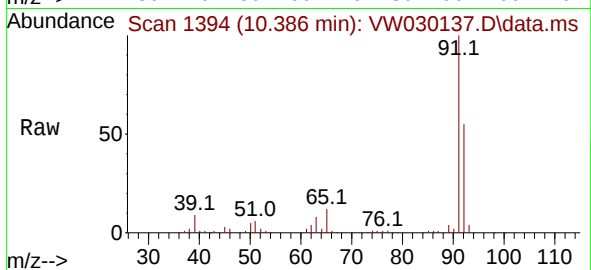
ClientSampleId :

Tgt Ion: 91 Resp: 408098

Ion Ratio Lower Upper

91 100

92 55.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 26.546 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030137.D

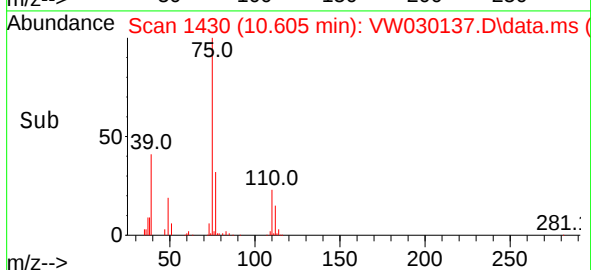
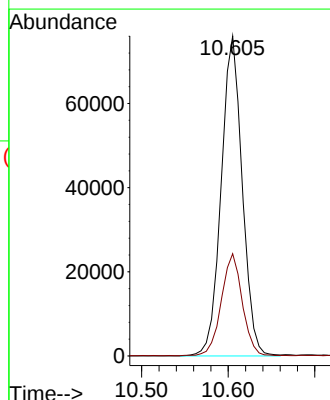
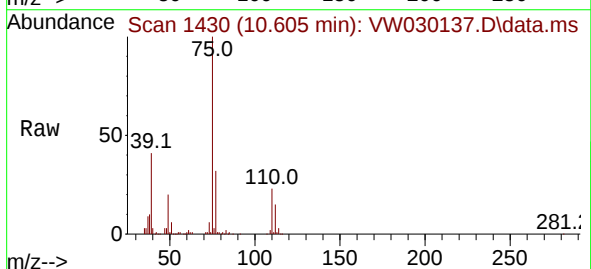
Acq: 16 Sep 2024 17:00

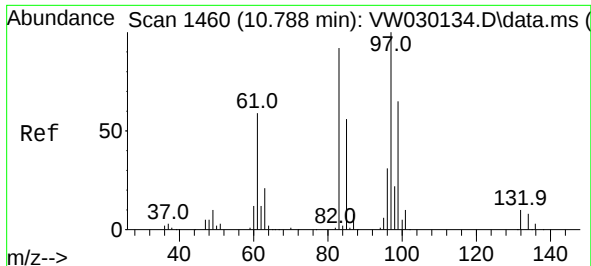
Tgt Ion: 75 Resp: 128305

Ion Ratio Lower Upper

75 100

77 31.9 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 25.069 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

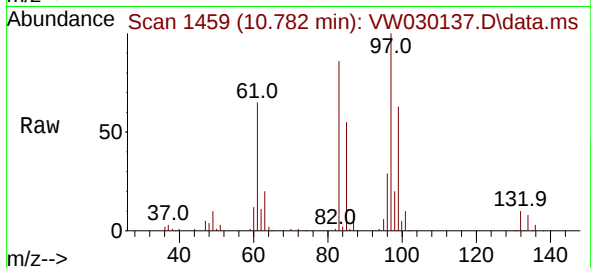
Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 71643

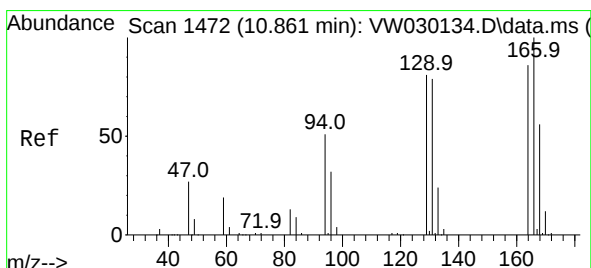
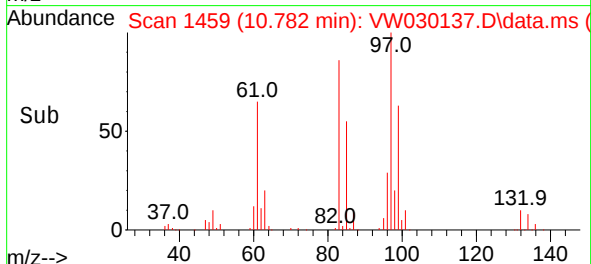
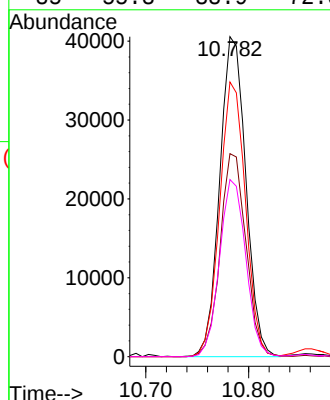
Ion Ratio Lower Upper

97 100

99 63.4 45.6 84.8

83 85.8 64.0 119.0

85 55.3 38.9 72.3



#46

Tetrachloroethene

Concen: 24.853 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Tgt Ion:164 Resp: 71733

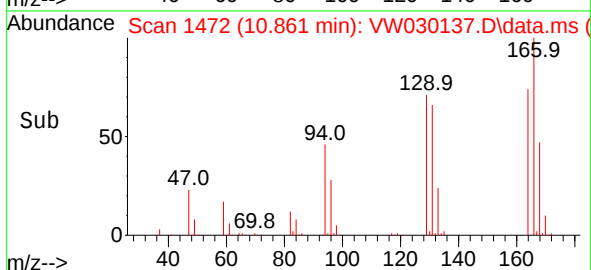
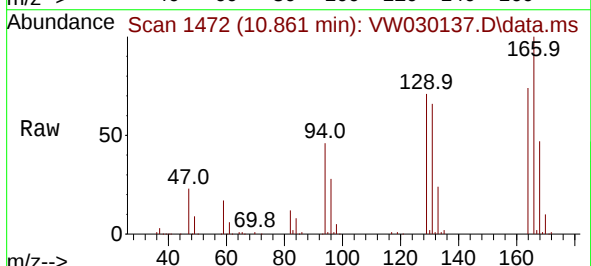
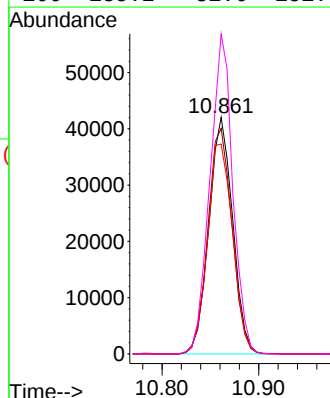
Ion Ratio Lower Upper

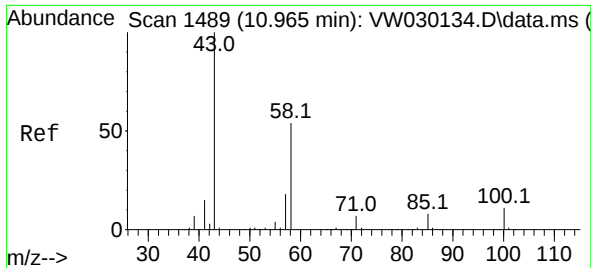
164 100

129 95.4 66.0 122.6

131 88.7 64.8 120.4

166 135.2 81.6 151.6

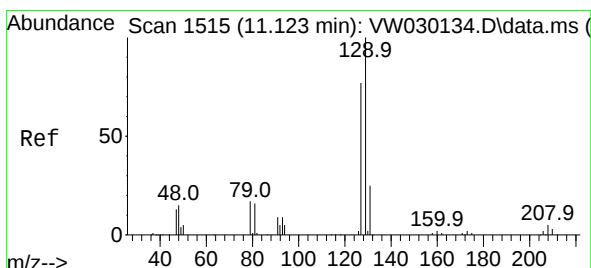
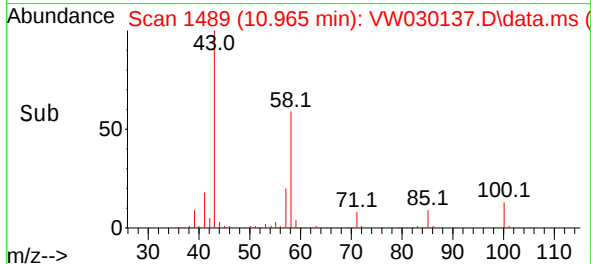
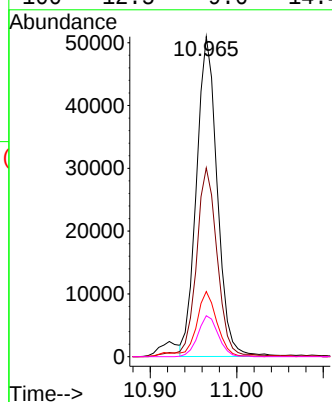
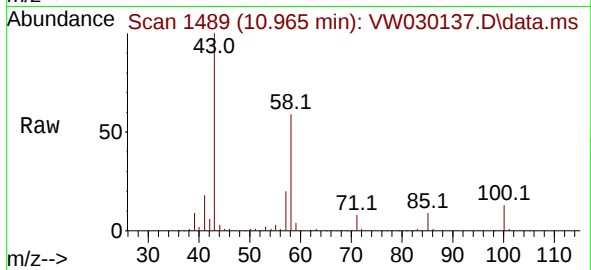




#48
2-Hexanone
Concen: 55.040 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

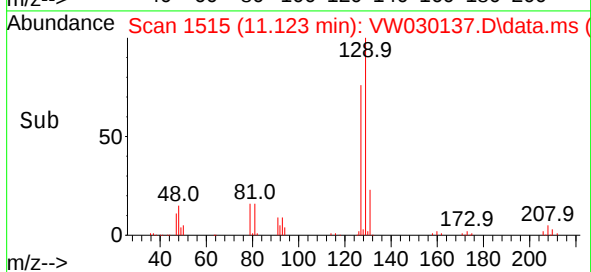
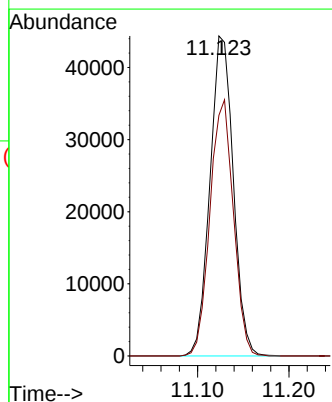
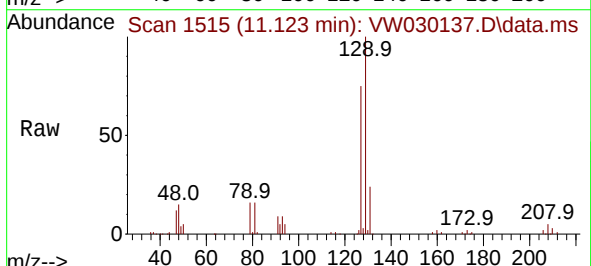
Instrument :
MSVOA_W
ClientSampleId :

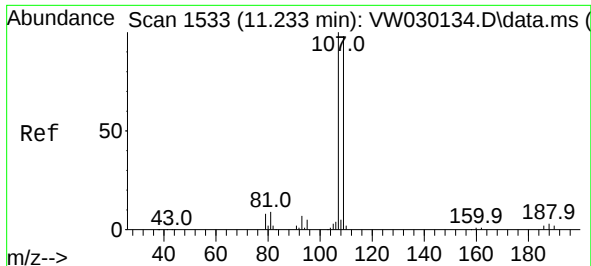
Tgt Ion:	43	Resp:	84938
Ion Ratio	Lower	Upper	
43	100		
58	58.3	44.8	67.2
57	19.6	15.4	23.2
100	12.5	9.6	14.4



#49
Dibromochloromethane
Concen: 25.290 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion:	129	Resp:	78661
Ion Ratio	Lower	Upper	
129	100		
127	75.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 24.677 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

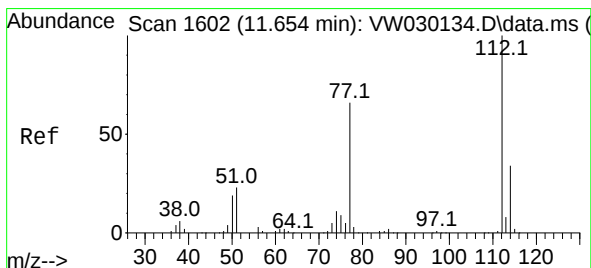
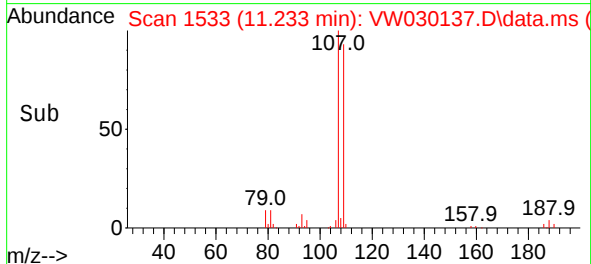
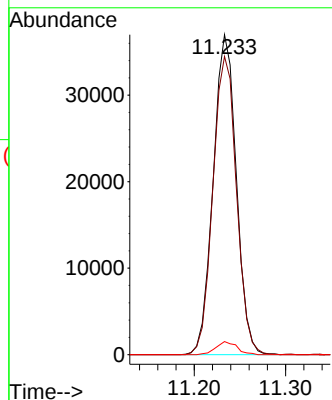
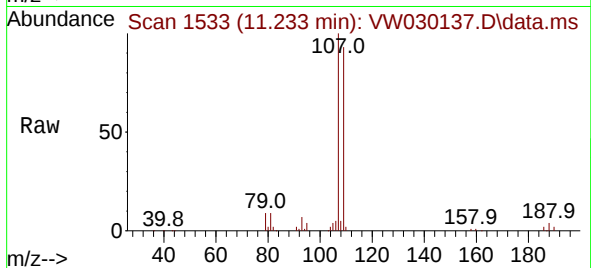
Tgt Ion:107 Resp: 65027

Ion Ratio Lower Upper

107 100

109 93.2 68.7 127.7

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 25.347 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

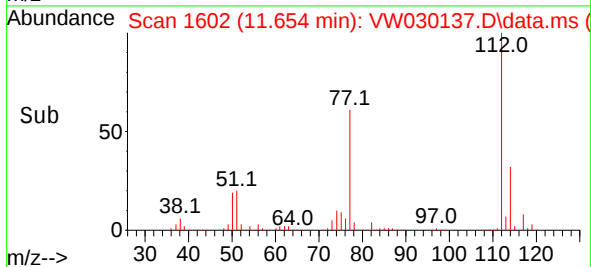
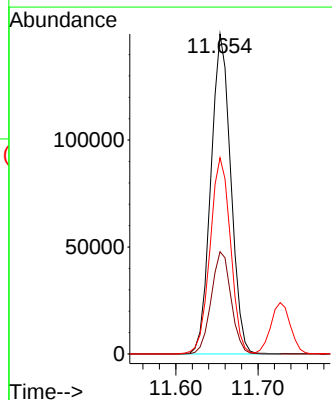
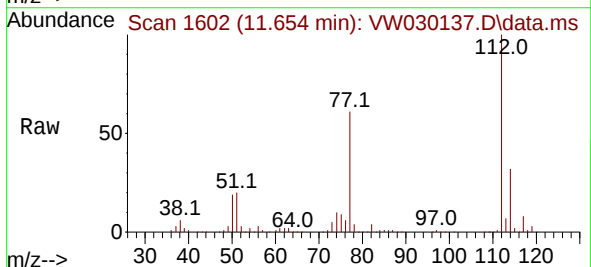
Tgt Ion:112 Resp: 251723

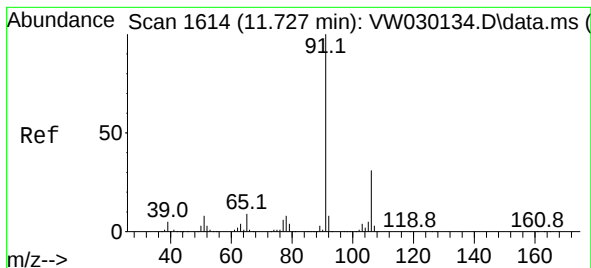
Ion Ratio Lower Upper

112 100

114 31.9 23.8 44.2

77 61.3 52.9 79.3





#52

Ethylbenzene

Concen: 26.124 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

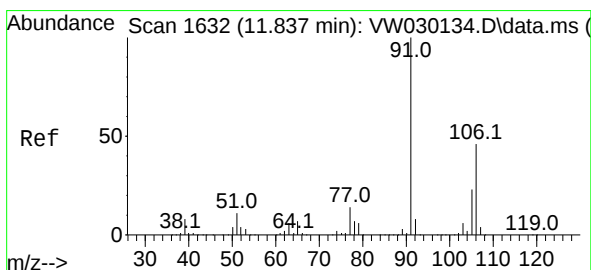
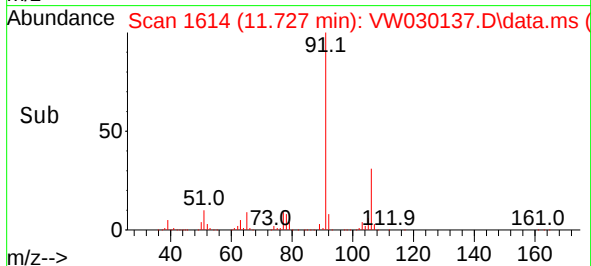
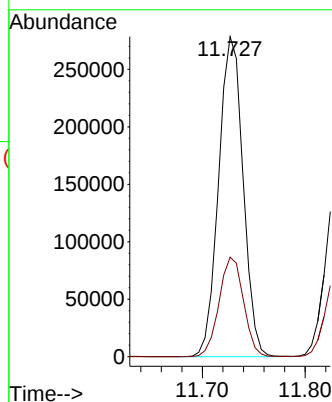
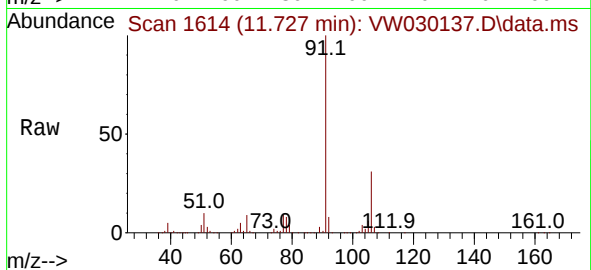
ClientSampleId :

Tgt Ion: 91 Resp: 459792

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 26.609 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030137.D

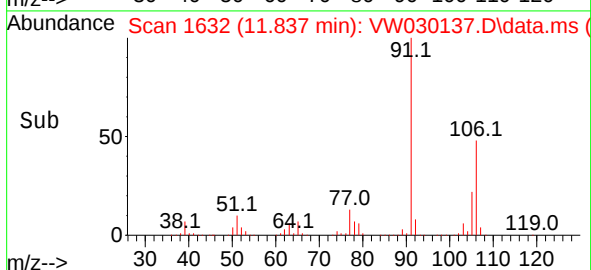
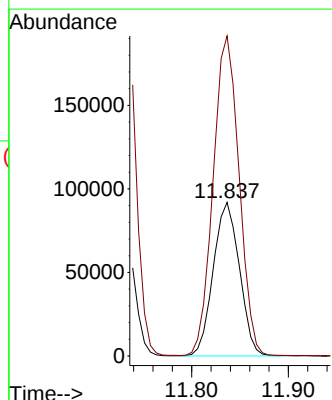
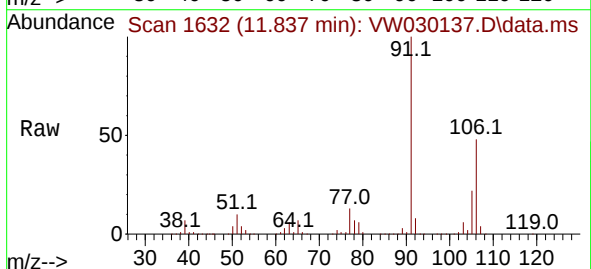
Acq: 16 Sep 2024 17:00

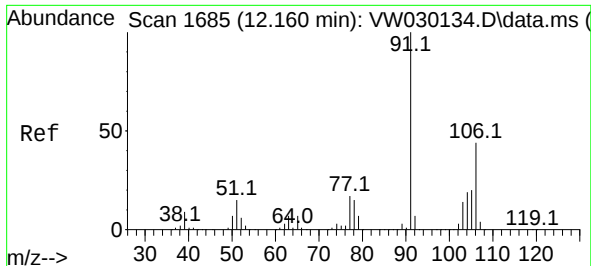
Tgt Ion:106 Resp: 172792

Ion Ratio Lower Upper

106 100

91 208.4 152.9 283.9

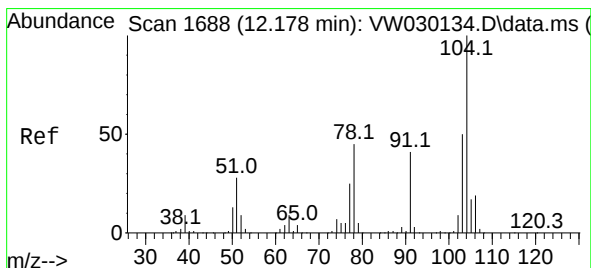
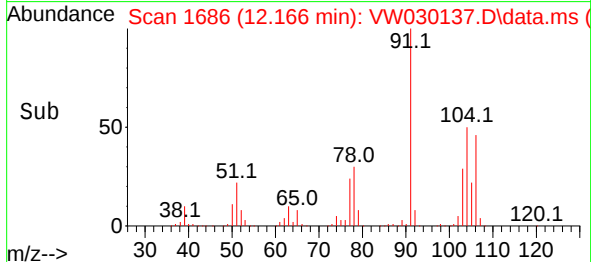
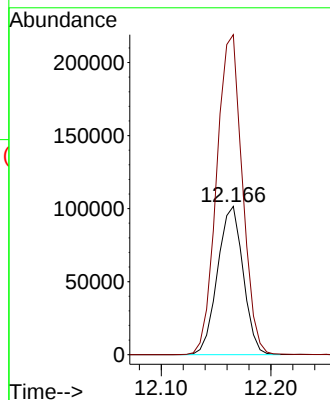
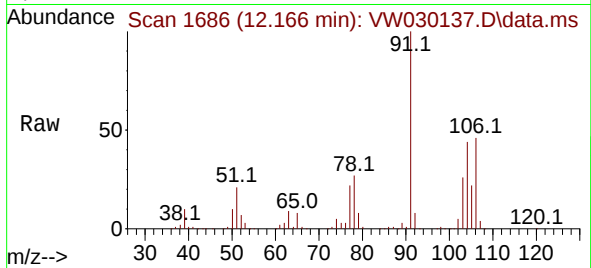




#54
o-Xylene
Concen: 26.971 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

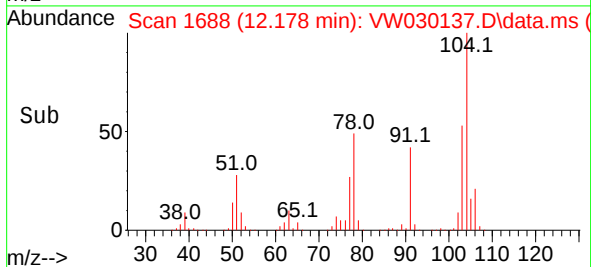
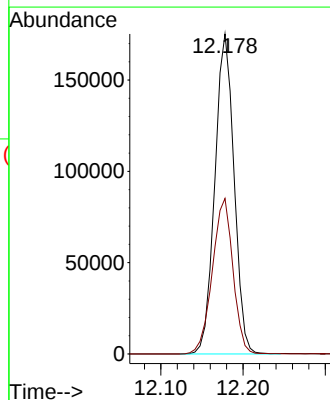
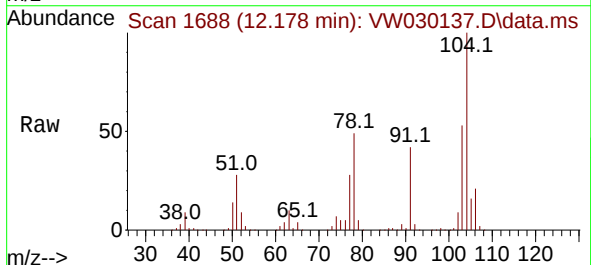
Instrument :
MSVOA_W
ClientSampleId :

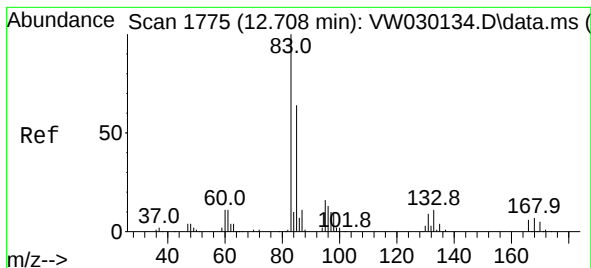
Tgt Ion:106 Resp: 164813
Ion Ratio Lower Upper
106 100
91 215.8 158.1 293.7



#55
Styrene
Concen: 26.852 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion:104 Resp: 284616
Ion Ratio Lower Upper
104 100
78 48.6 31.4 58.2

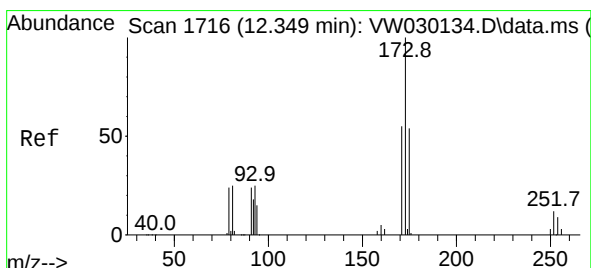
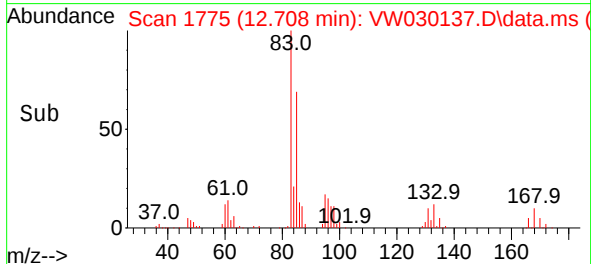
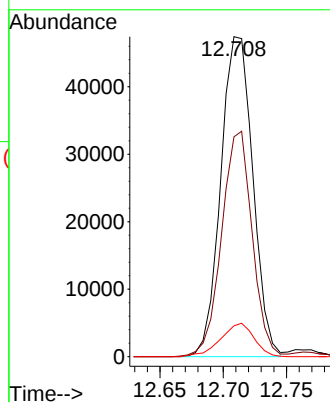
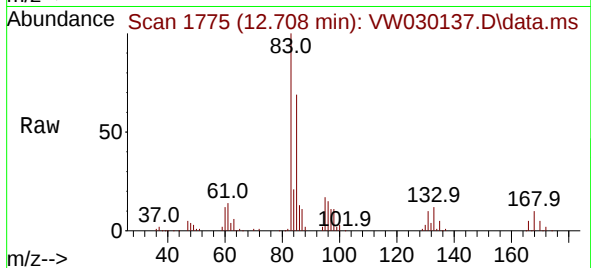




#57
1,1,2,2-Tetrachloroethane
Concen: 24.502 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

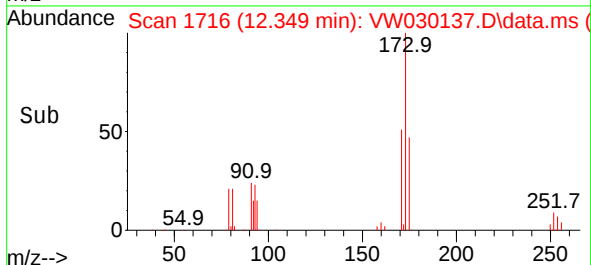
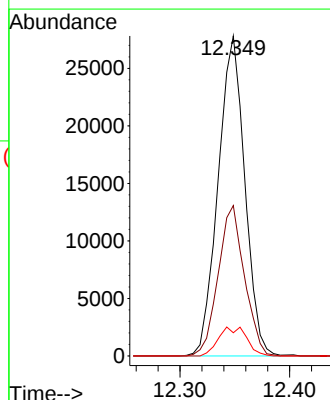
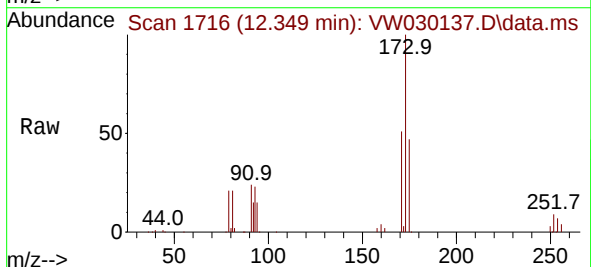
Instrument :
MSVOA_W
ClientSampleId :

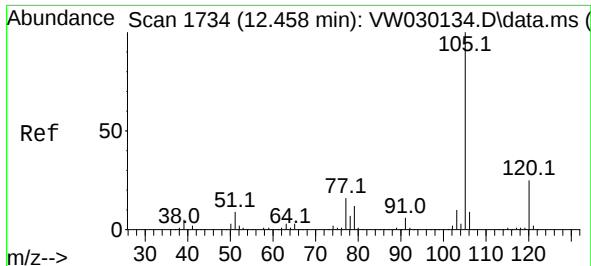
Tgt Ion: 83 Resp: 83579
Ion Ratio Lower Upper
83 100
85 68.7 44.5 82.7
131 9.7 7.4 11.2



#59
Bromoform
Concen: 25.428 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

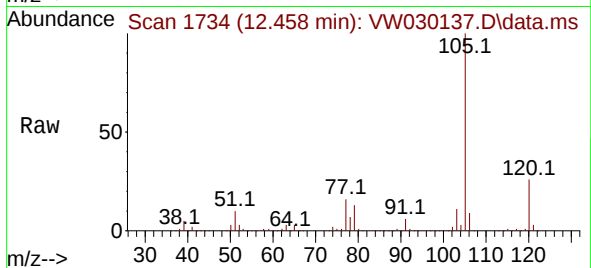
Tgt Ion:173 Resp: 47003
Ion Ratio Lower Upper
173 100
175 46.3 38.6 57.8
254 9.6 7.7 11.5



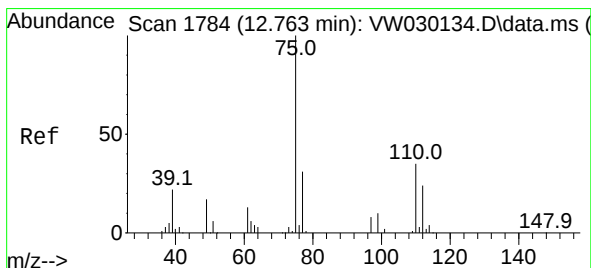
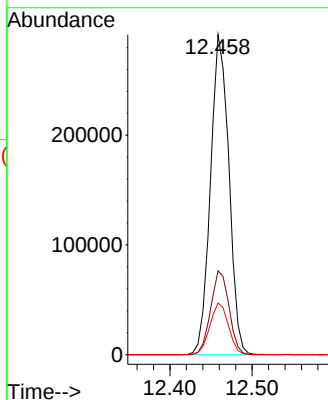
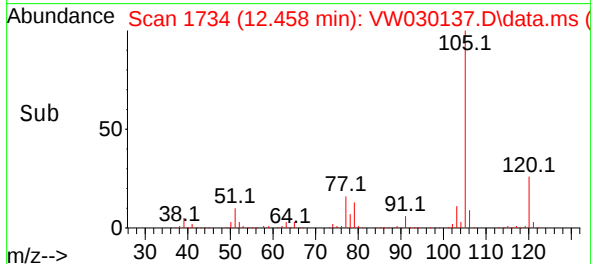


#60
Isopropylbenzene
Concen: 26.382 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

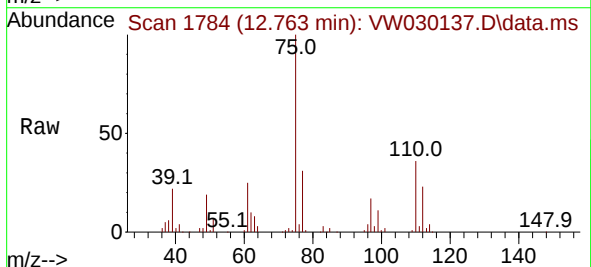
Instrument :
MSVOA_W
ClientSampleId :



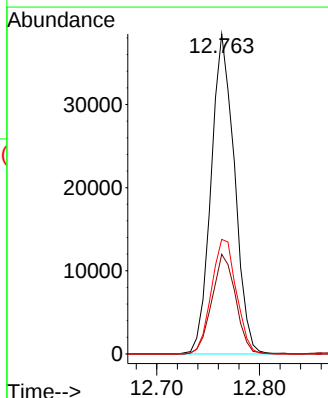
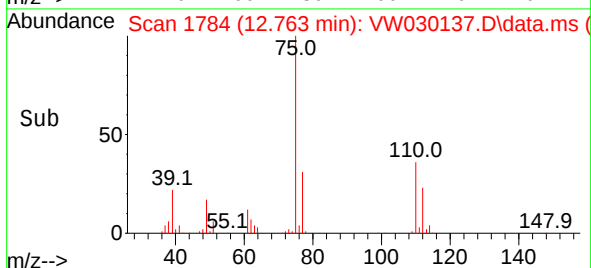
Tgt Ion:105 Resp: 453668
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.2
77 16.3 13.0 19.4

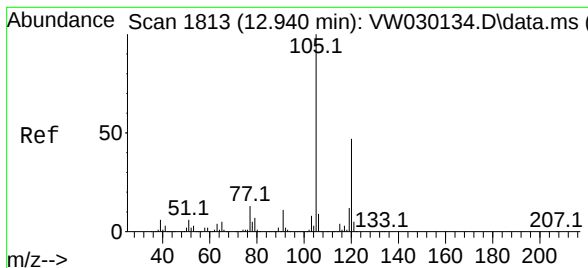


#61
1,2,3-Trichloropropane
Concen: 25.031 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00



Tgt Ion: 75 Resp: 60819
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 38.1 29.7 44.5

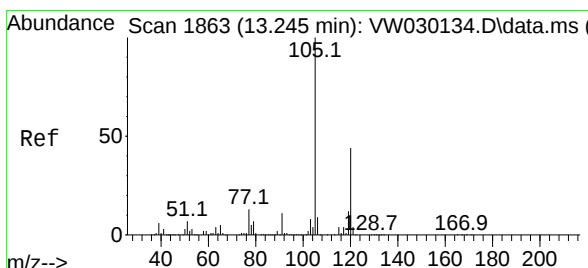
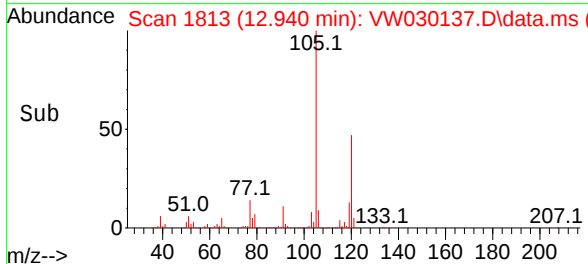
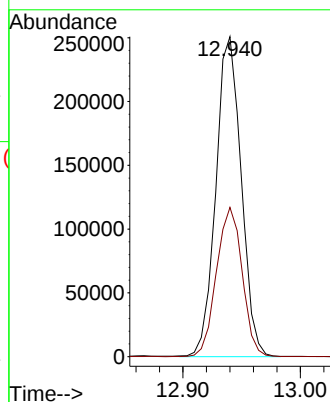
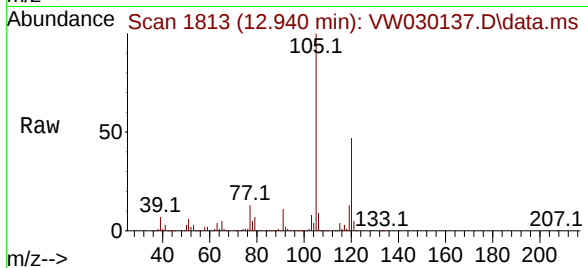




#62
1,3,5-Trimethylbenzene
Concen: 29.810 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

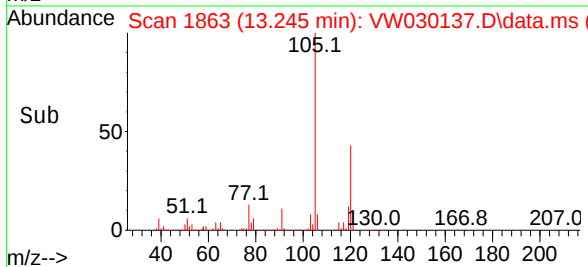
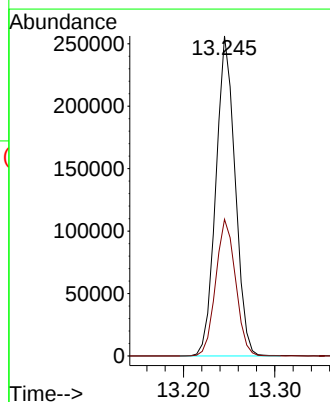
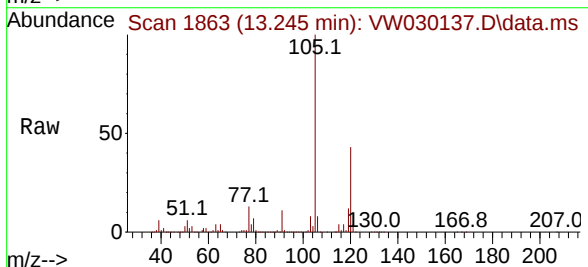
Instrument :
MSVOA_W
ClientSampleId :

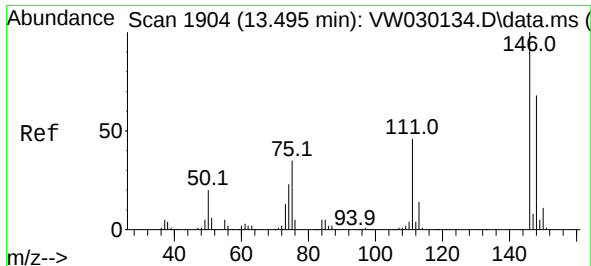
Tgt Ion:105 Resp: 375711
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 28.617 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

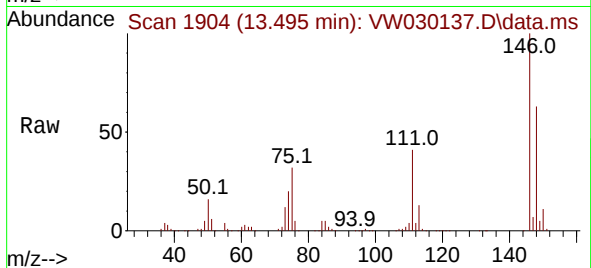
Tgt Ion:105 Resp: 374954
Ion Ratio Lower Upper
105 100
120 43.9 34.8 52.2



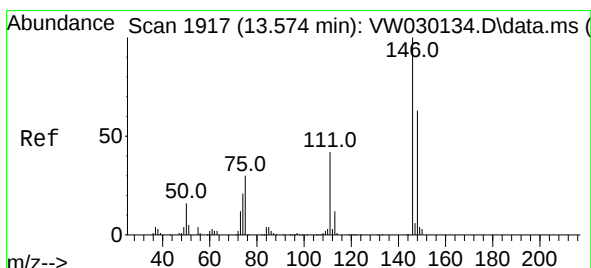
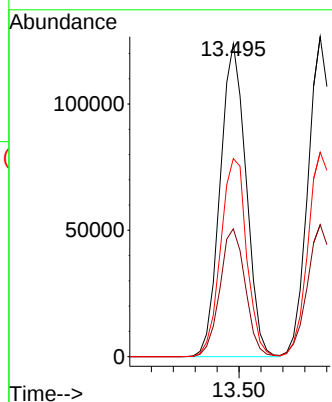
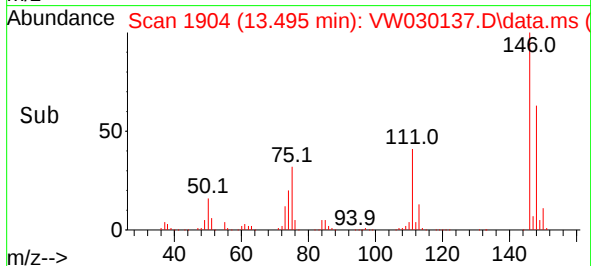


#64
1,3-Dichlorobenzene
Concen: 26.661 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

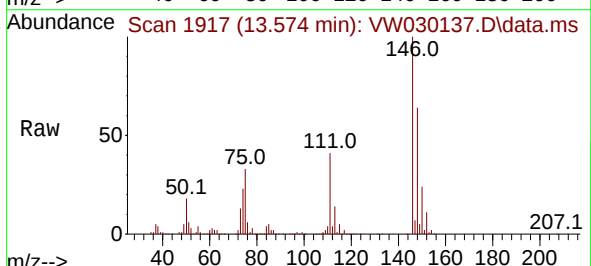
Instrument :
MSVOA_W
ClientSampleId :



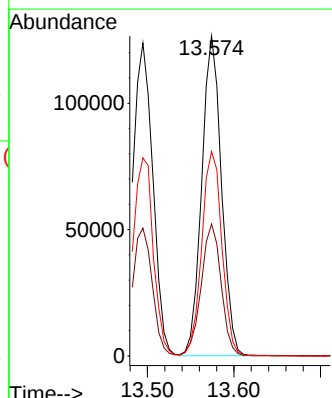
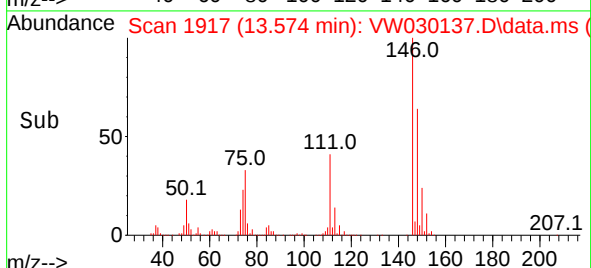
Tgt Ion:146 Resp: 203186
Ion Ratio Lower Upper
146 100
111 40.8 31.9 59.3
148 63.3 47.7 88.5

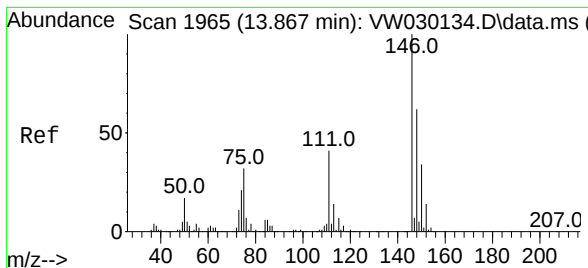


#65
1,4-Dichlorobenzene
Concen: 25.421 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00



Tgt Ion:146 Resp: 200159
Ion Ratio Lower Upper
146 100
111 41.3 29.5 54.7
148 63.9 44.4 82.5

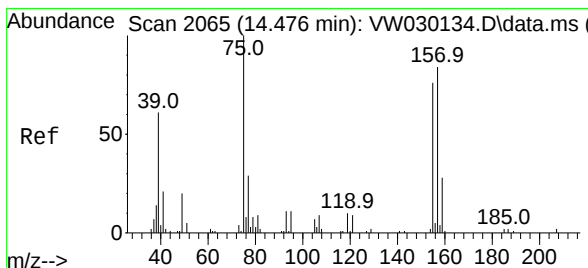
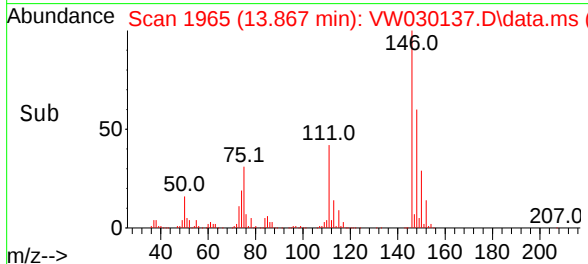
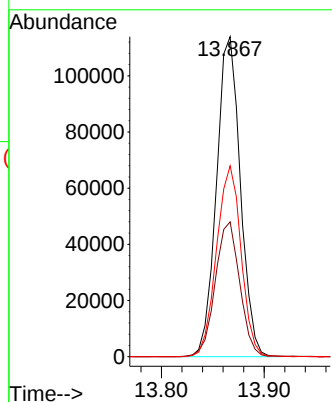
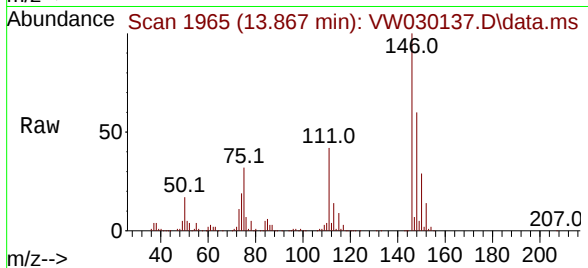




#67
1,2-Dichlorobenzene
Concen: 26.710 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

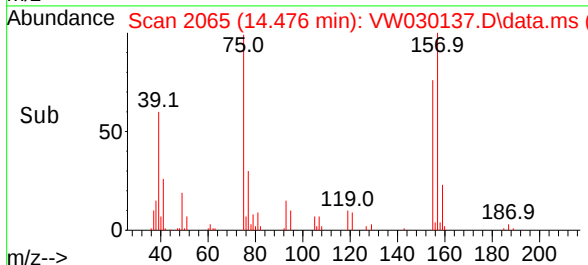
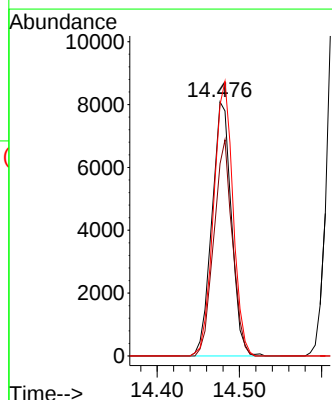
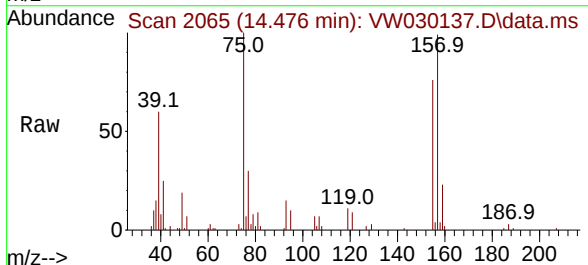
Instrument :
MSVOA_W
ClientSampleId :

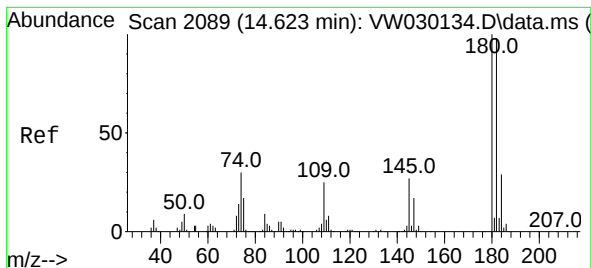
Tgt Ion:146 Resp: 183457
Ion Ratio Lower Upper
146 100
111 42.2 32.7 49.1
148 59.7 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.161 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030137.D
Acq: 16 Sep 2024 17:00

Tgt Ion: 75 Resp: 13333
Ion Ratio Lower Upper
75 100
155 75.7 60.5 90.7
157 99.0 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 25.523 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

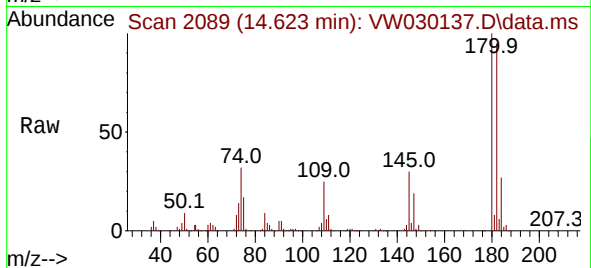
Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 135772

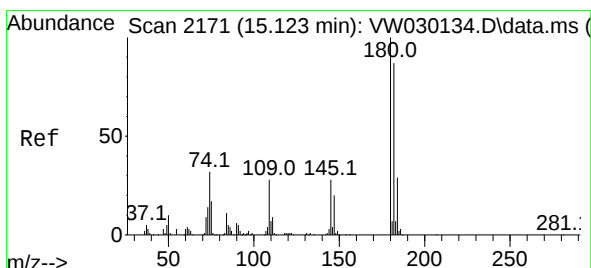
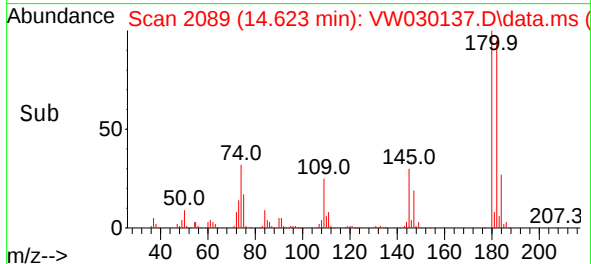
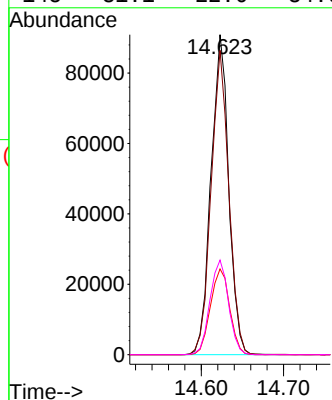
Ion Ratio Lower Upper

180 100

182 95.2 75.5 113.3

184 29.1 23.4 35.0

145 31.1 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 26.862 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

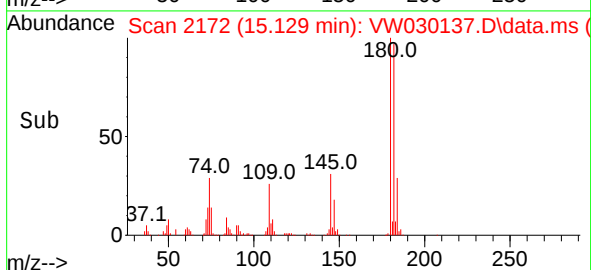
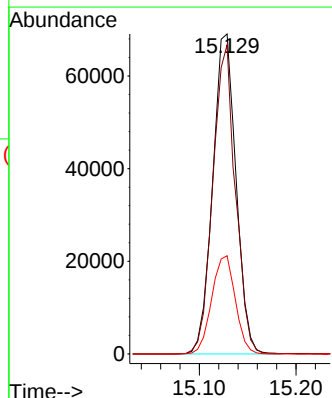
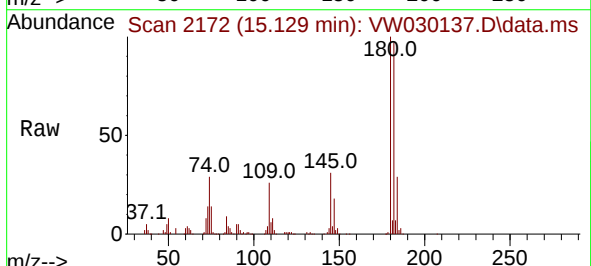
Tgt Ion:180 Resp: 115751

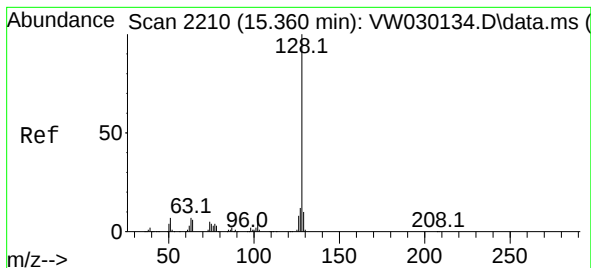
Ion Ratio Lower Upper

180 100

182 93.1 73.4 110.2

145 31.0 24.0 36.0





#71

Naphthalene

Concen: 28.323 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Instrument :

MSVOA_W

ClientSampleId :

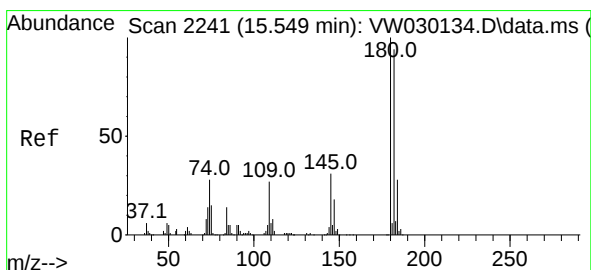
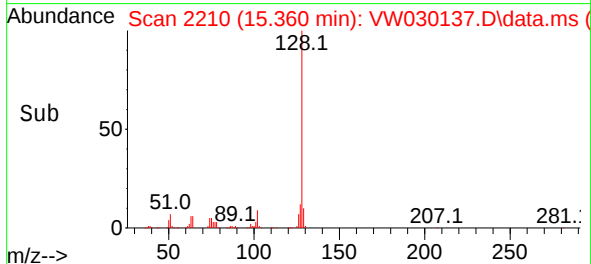
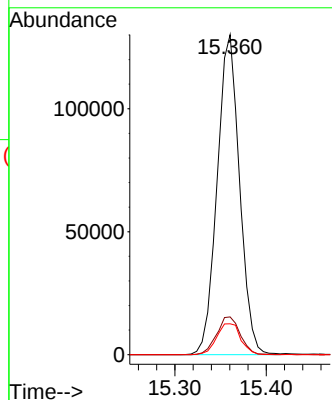
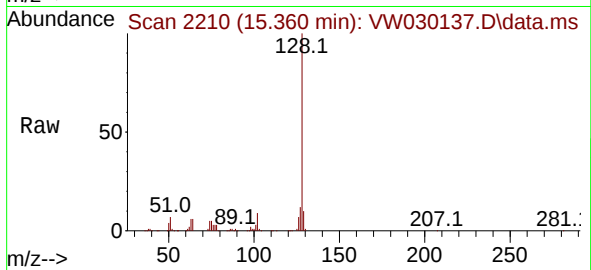
Tgt Ion:128 Resp: 221626

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.4 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 28.045 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030137.D

Acq: 16 Sep 2024 17:00

Tgt Ion:180 Resp: 105974

Ion Ratio Lower Upper

180 100

182 89.8 76.4 114.6

145 31.3 26.2 39.4

