

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030536.D
 Acq On : 11 Oct 2024 02:44
 Operator : SY/MD
 Sample : P4360-06MS
 Misc : 5.59g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 03:29:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	432306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	392355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	113095	16.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.560%
7) Chloroethane-d5	3.149	69	358	0.070	ug/L	0.24
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.280%#
11) 1,1-Dichloroethene-d2	4.021	65	49017	17.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.360%
21) 2-Butanone-d5	7.075	46	49049	40.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.220%
24) Chloroform-d	7.648	84	259997	21.030	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.120%
26) 1,2-Dichloroethane-d4	8.307	65	144325	22.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.276	84	469312	20.609	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	9.270	67	145050	21.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	10.319	98	424610	20.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	10.575	79	60688	21.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.922	63	40443	46.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116904	23.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	118564	20.974	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	92243	16.701	ug/L	98
3) Chloromethane	2.228	50	126065	19.638	ug/L	98
5) Vinyl chloride	2.381	62	140540	17.802	ug/L	99
6) Bromomethane	2.783	94	97882	18.837	ug/L	99
8) Chloroethane	2.930	64	97316	20.165	ug/L	98
9) Trichlorofluoromethane	2.365	101	119249	16.882	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	110406	17.372	ug/L	91
12) 1,1-Dichloroethene	4.045	96	106446	18.353	ug/L	91
13) Acetone	4.124	43	32986	18.425	ug/L	93
14) Carbon disulfide	4.393	76	294214	15.534	ug/L	99
15) Methyl Acetate	4.673	43	40230	18.191	ug/L	100
16) Methylene chloride	4.917	84	119881	18.343	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	119222	19.049	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	181433	20.713	ug/L	99
19) 1,1-Dichloroethane	6.216	63	232606	19.997	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	134787	20.191	ug/L	97
22) 2-Butanone	7.173	43	54858	28.426	ug/L	99
23) Bromochloromethane	7.514	128	56720	19.422	ug/L #	81
25) Chloroform	7.673	83	247813	19.936	ug/L	95

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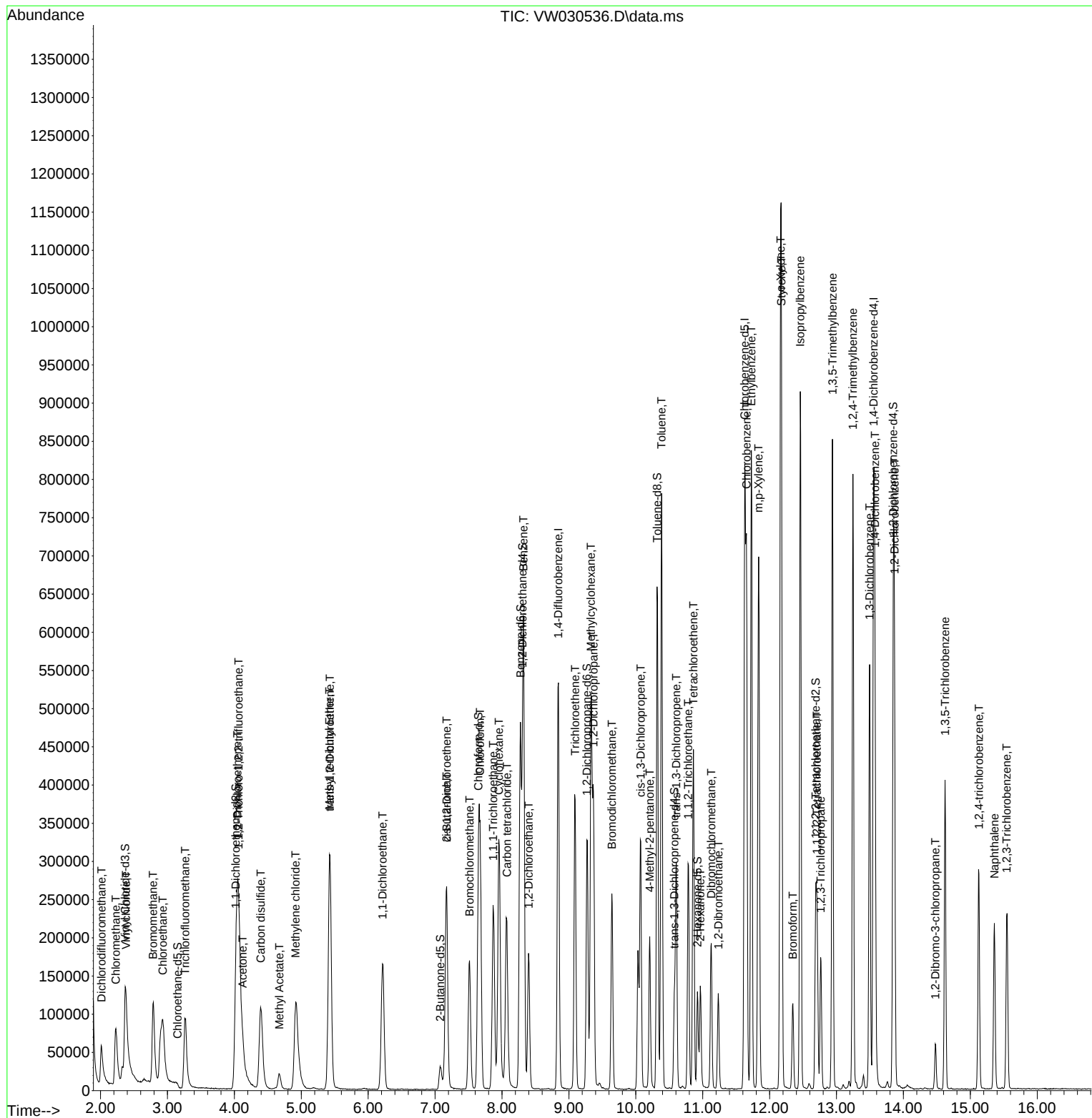
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	158634	19.344	ug/L	99
29) Cyclohexane	7.953	56	186781	19.557	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	188337	18.082	ug/L	99
31) Carbon tetrachloride	8.075	117	167970	18.056	ug/L	98
33) Benzene	8.319	78	511748	20.043	ug/L	100
34) Trichloroethene	9.093	95	130746	18.406	ug/L	99
35) Methylcyclohexane	9.331	83	204619	18.304	ug/L	99
37) 1,2-Dichloropropane	9.367	63	131935	20.689	ug/L	100
38) Bromodichloromethane	9.642	83	168086	19.812	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	185685	19.305	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124137	40.521	ug/L	99
42) Toluene	10.386	91	545960	20.043	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	154386	19.100	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88670	19.239	ug/L	98
46) Tetrachloroethene	10.861	164	91403	17.446	ug/L	93
48) 2-Hexanone	10.965	43	83457	33.312	ug/L	94
49) Dibromochloromethane	11.129	129	96348	18.736	ug/L	95
50) 1,2-Dibromoethane	11.233	107	79118	18.398	ug/L	94
51) Chlorobenzene	11.654	112	315227	17.977	ug/L	98
52) Ethylbenzene	11.727	91	586687	18.875	ug/L	99
53) m,p-Xylene	11.837	106	213451	18.330	ug/L	95
54) o-Xylene	12.166	106	210152	19.521	ug/L	97
55) Styrene	12.178	104	322981	17.549	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	96734	18.612	ug/L	95
59) Bromoform	12.349	173	48052	20.472	ug/L	98
60) Isopropylbenzene	12.458	105	565167	21.845	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69070	21.246	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	431311	21.131	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	418126	20.922	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	206491	18.336	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	200180	17.215	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	186044	18.774	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14650	20.211	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	111078	14.958	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	83166	13.911	ug/L	98
71) Naphthalene	15.360	128	173894	16.836	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	75067	14.484	ug/L	97

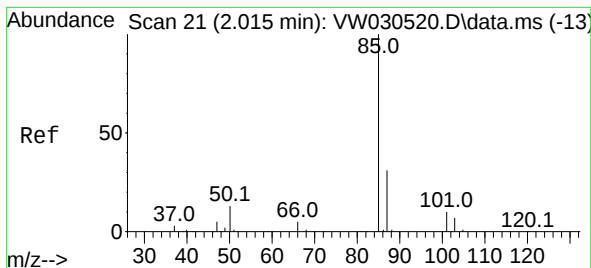
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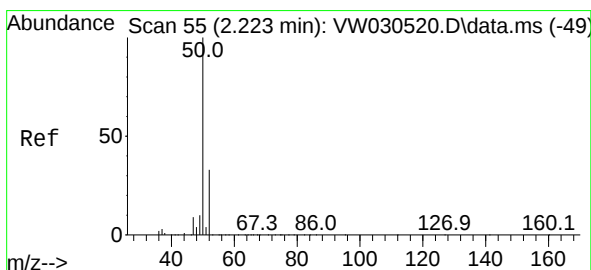
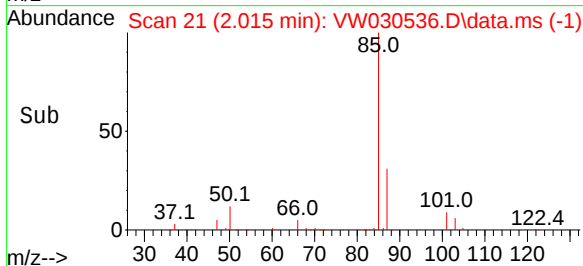
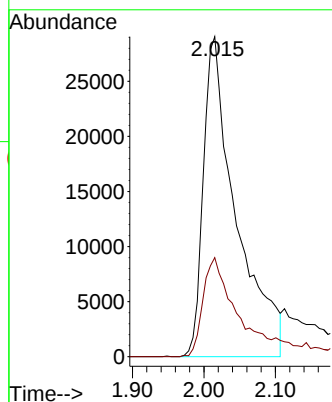
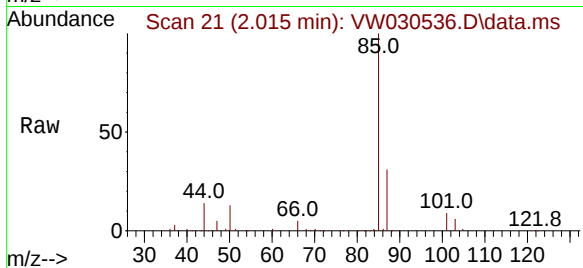




#2
 Dichlorodifluoromethane
 Concen: 16.701 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030536.D
 Acq: 11 Oct 2024 02:44

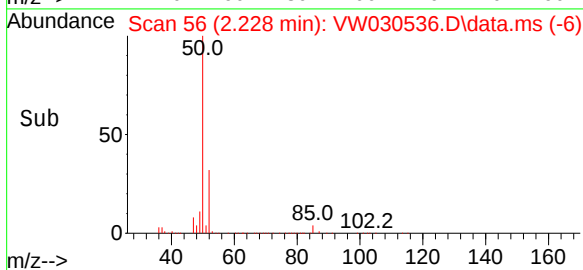
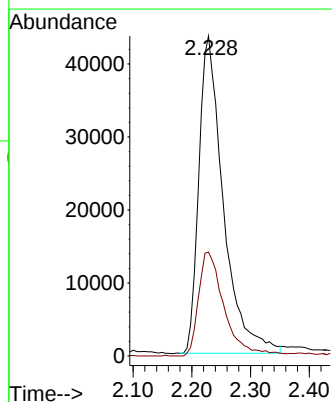
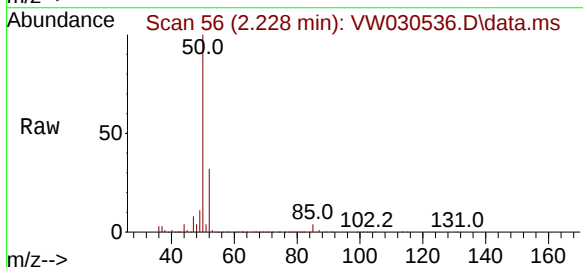
Instrument :
 MSVOA_W
 ClientSampleId :

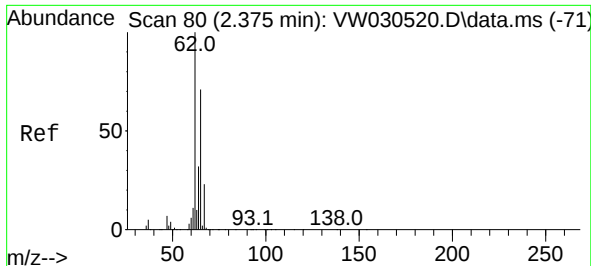
Tgt Ion: 85 Resp: 92243
 Ion Ratio Lower Upper
 85 100
 87 31.0 23.8 35.6



#3
 Chloromethane
 Concen: 19.638 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030536.D
 Acq: 11 Oct 2024 02:44

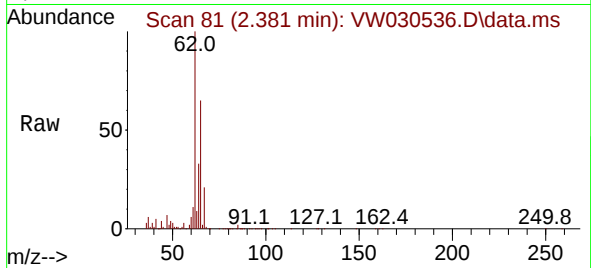
Tgt Ion: 50 Resp: 126065
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 43.9



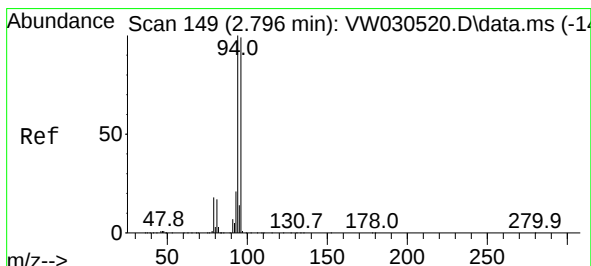
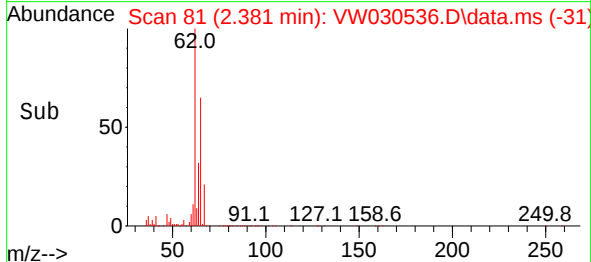
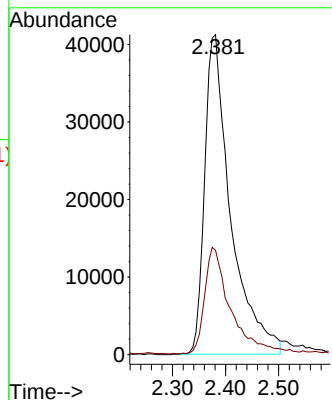


#5
 Vinyl chloride
 Concen: 17.802 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW030536.D
 Acq: 11 Oct 2024 02:44

Instrument :
 MSVOA_W
 ClientSampleId :

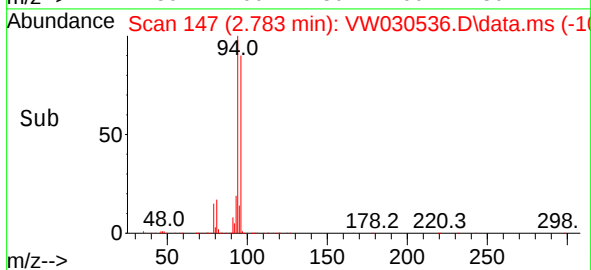
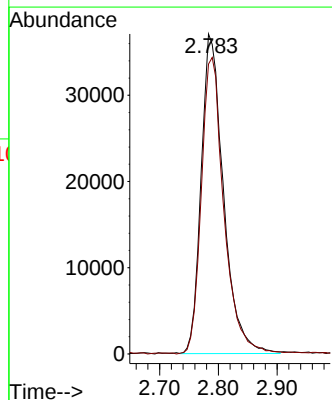
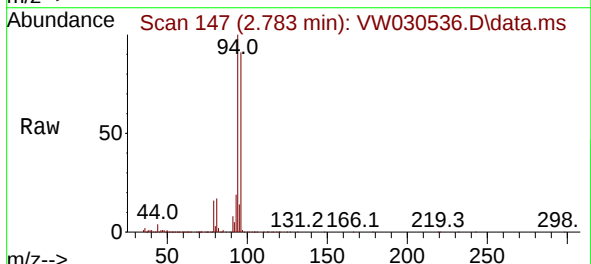


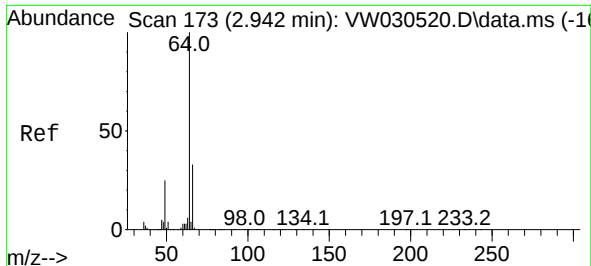
Tgt Ion: 62 Resp: 140540
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.6 42.0



#6
 Bromomethane
 Concen: 18.837 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.012 min
 Lab File: VW030536.D
 Acq: 11 Oct 2024 02:44

Tgt Ion: 94 Resp: 97882
 Ion Ratio Lower Upper
 94 100
 96 90.6 62.6 116.2

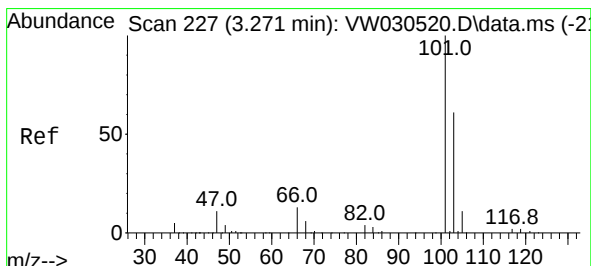
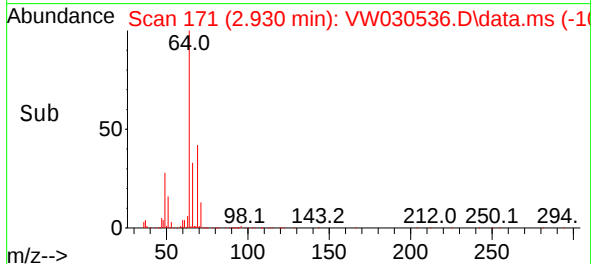
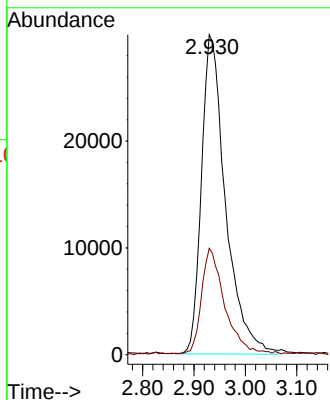
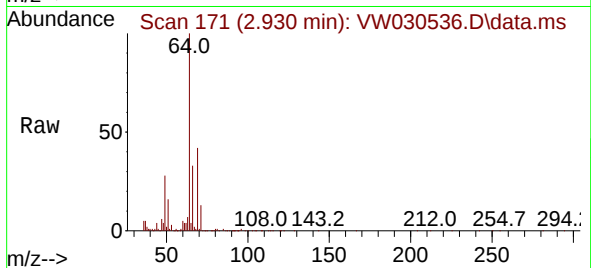




#8
Chloroethane
Concen: 20.165 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.012 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

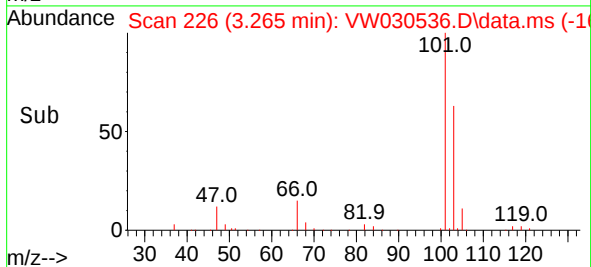
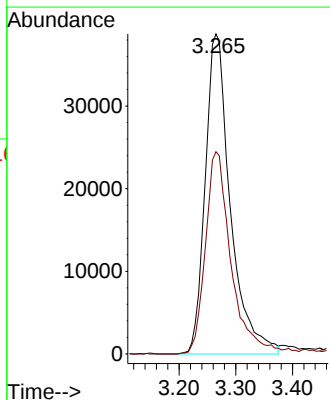
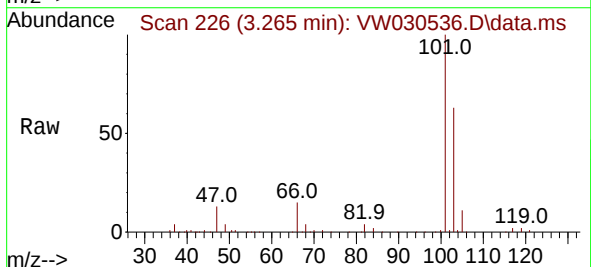
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MSVOA_W
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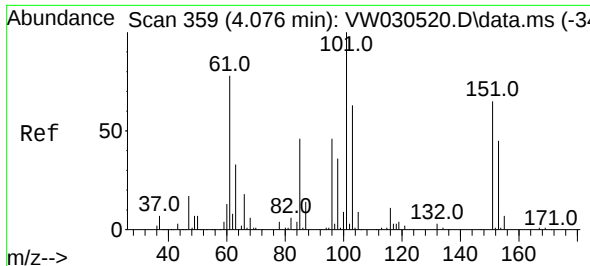
Tgt Ion: 64 Resp: 97316
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.882 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion:101 Resp: 119249
Ion Ratio Lower Upper
101 100
103 62.7 51.1 76.7





#10

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

Concen: 17.372 ug/L

RT: 4.064 min Scan# 359

Delta R.T. -0.012 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :

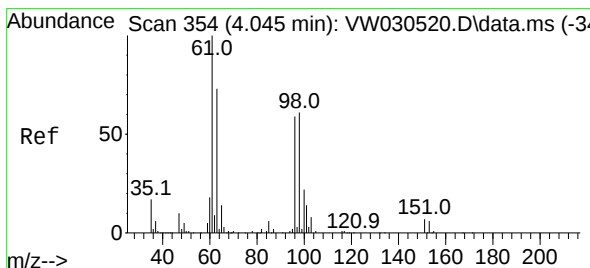
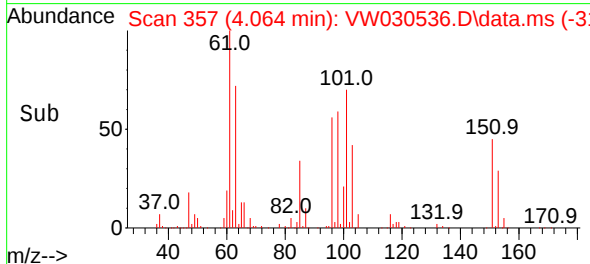
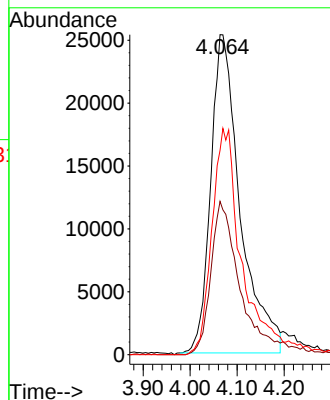
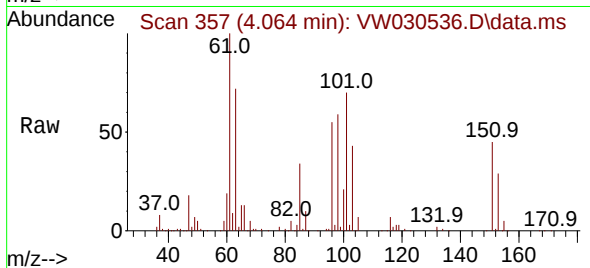
Tgt Ion:101 Resp: 110406

Ion Ratio Lower Upper

101 100

85 47.5 35.7 53.5

151 60.5 56.1 84.1



#12

1,1-Dichloroethene

Concen: 18.353 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

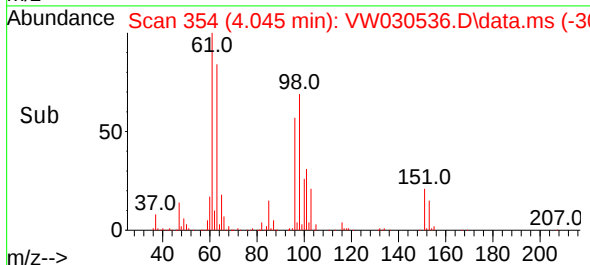
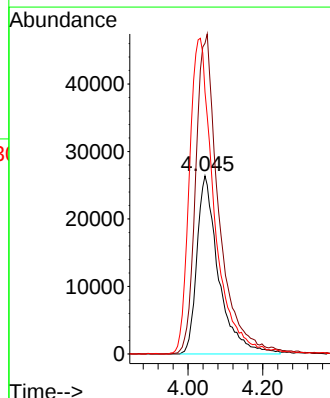
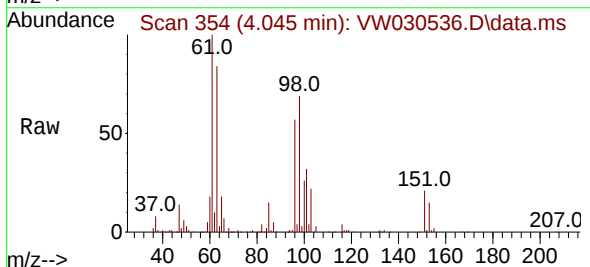
Tgt Ion: 96 Resp: 106446

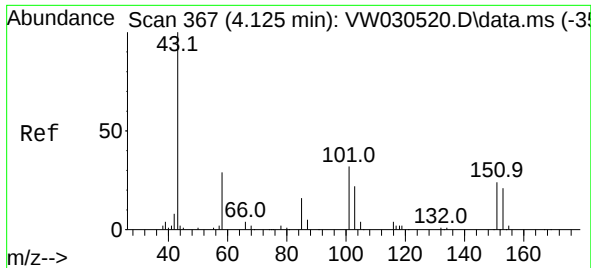
Ion Ratio Lower Upper

96 100

61 174.4 121.3 225.3

63 147.1 87.6 162.8





#13

Acetone

Concen: 18.425 ug/L

RT: 4.124 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

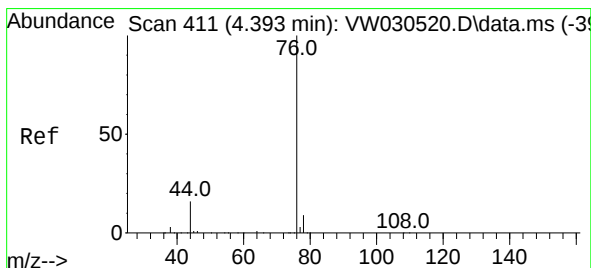
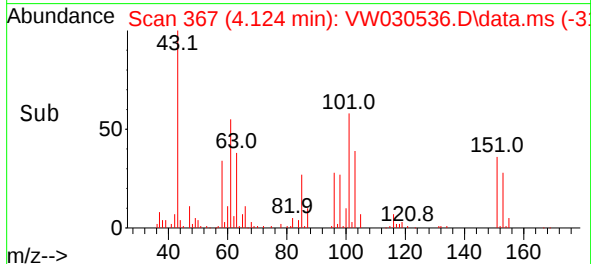
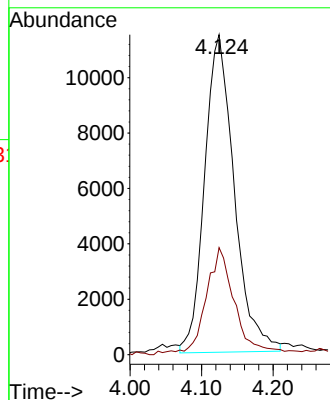
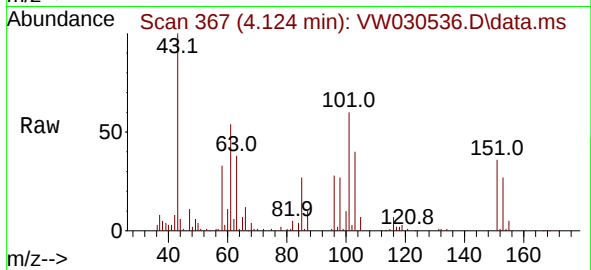
ClientSampleId :

Tgt Ion: 43 Resp: 32986

Ion Ratio Lower Upper

43 100

58 32.3 0.0 57.6



#14

Carbon disulfide

Concen: 15.534 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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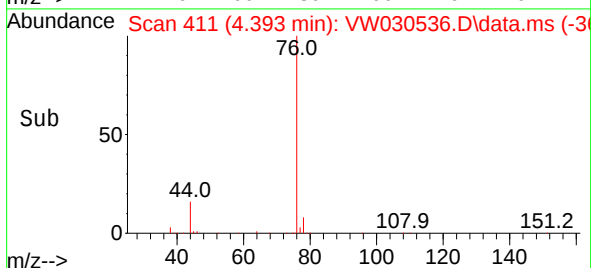
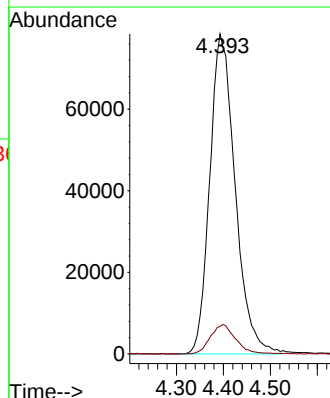
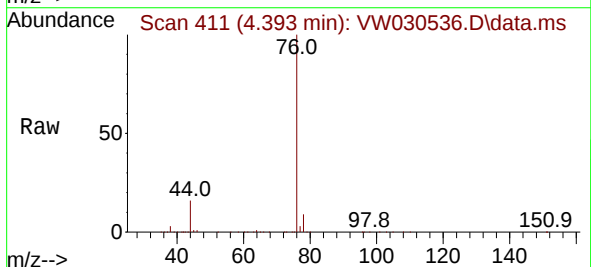
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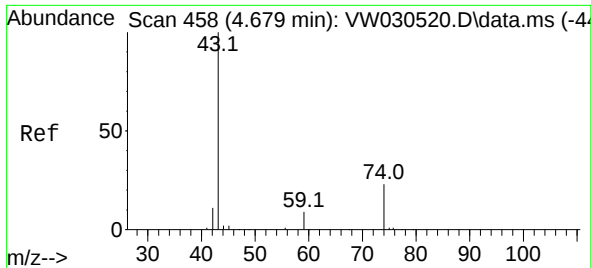
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Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

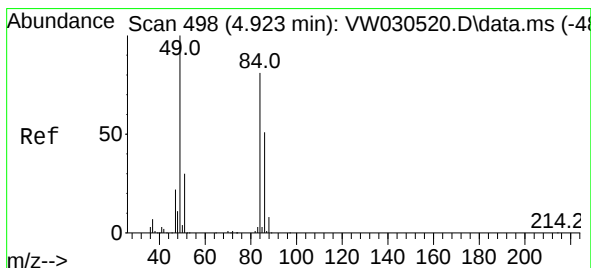
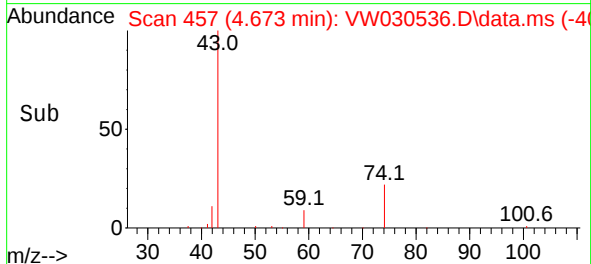
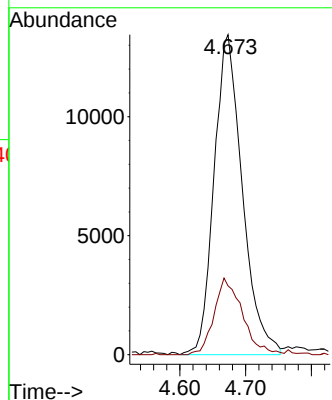
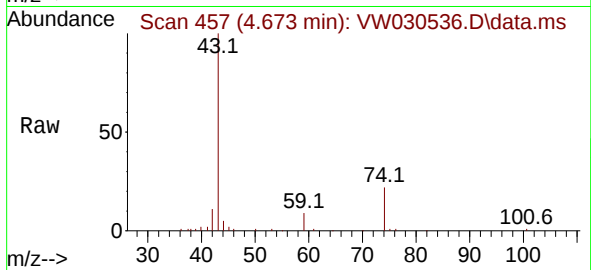




#15
Methyl Acetate
Concen: 18.191 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

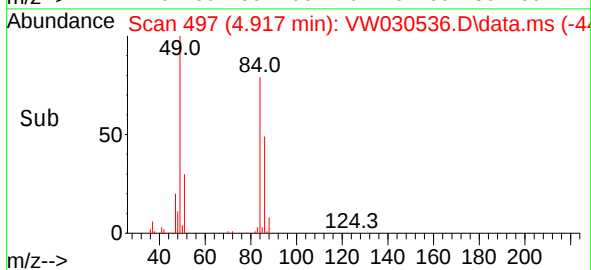
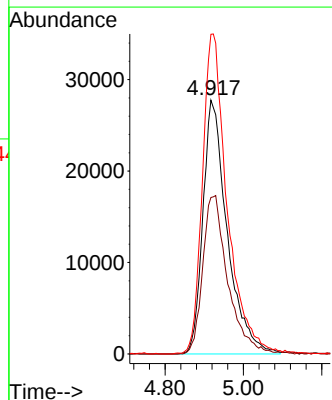
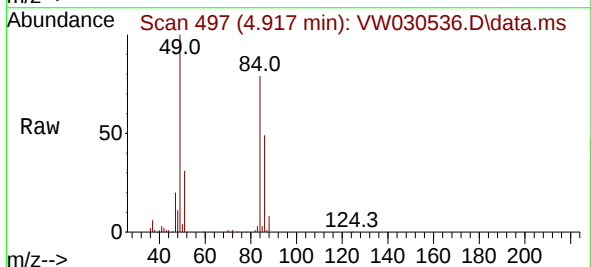
Instrument :
MSVOA_W
ClientSampleId :

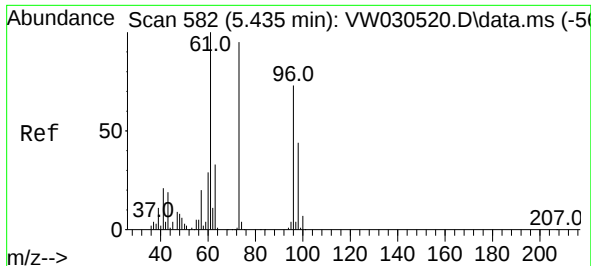
Tgt Ion: 43 Resp: 40230
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



#16
Methylene chloride
Concen: 18.343 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion: 84 Resp: 119881
Ion Ratio Lower Upper
84 100
86 61.6 43.8 81.3
49 125.9 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 19.049 ug/L

RT: 5.429 min Scan# 582

Delta R.T. -0.006 min

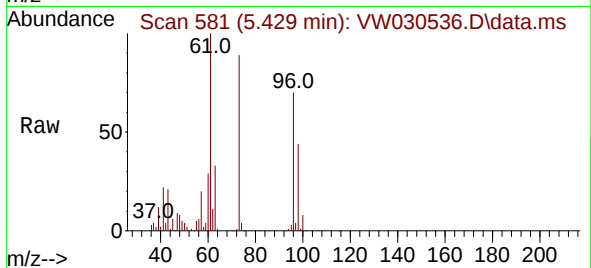
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



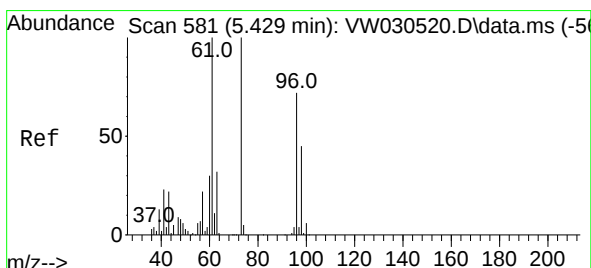
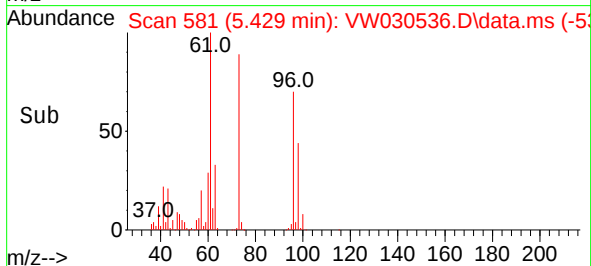
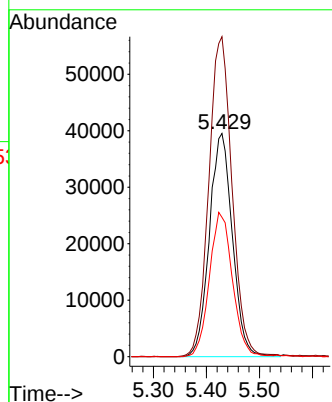
Tgt Ion: 96 Resp: 119222

Ion Ratio Lower Upper

96 100

61 143.3 96.9 179.9

98 62.4 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 20.713 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

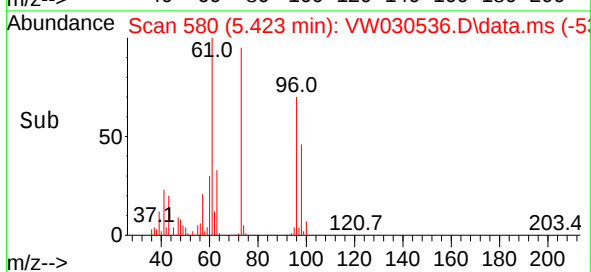
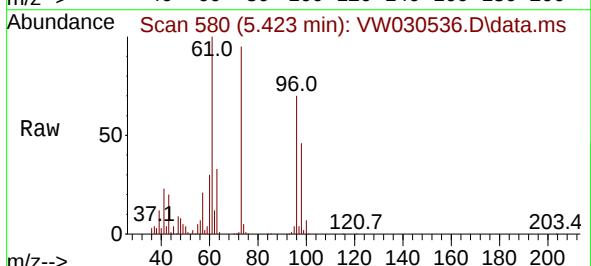
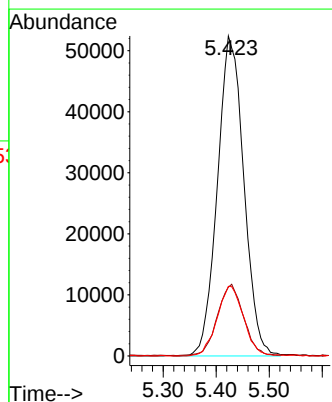
Tgt Ion: 73 Resp: 181433

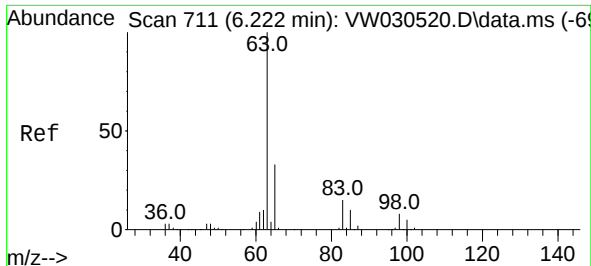
Ion Ratio Lower Upper

73 100

43 22.0 18.1 27.1

57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 19.997 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

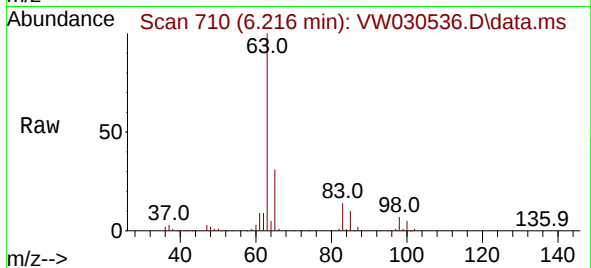
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



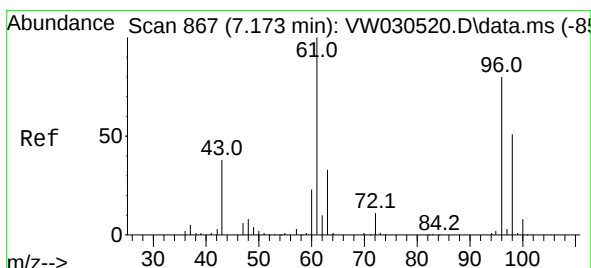
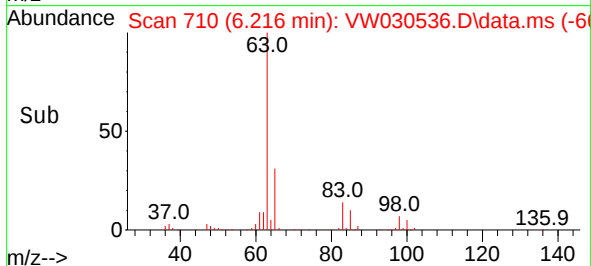
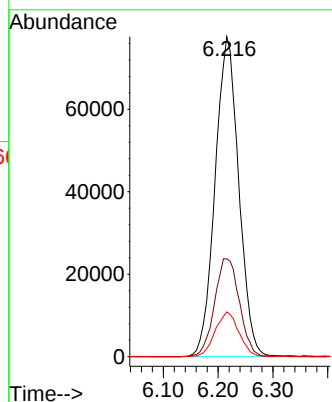
Tgt Ion: 63 Resp: 232606

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 20.191 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

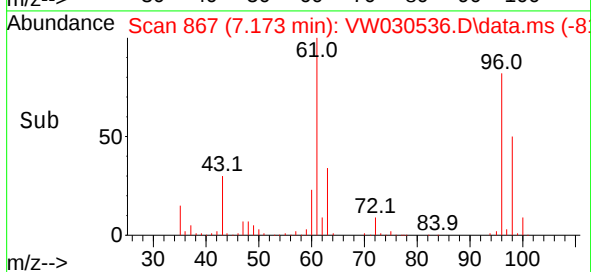
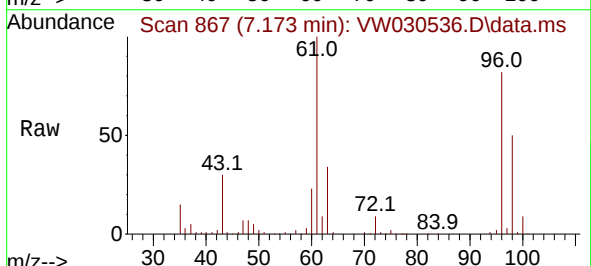
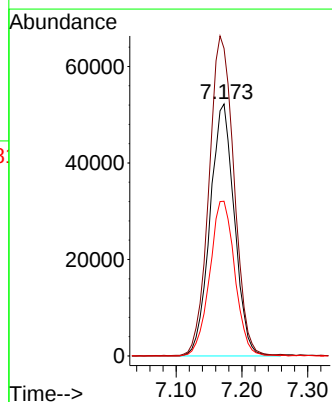
Tgt Ion: 96 Resp: 134787

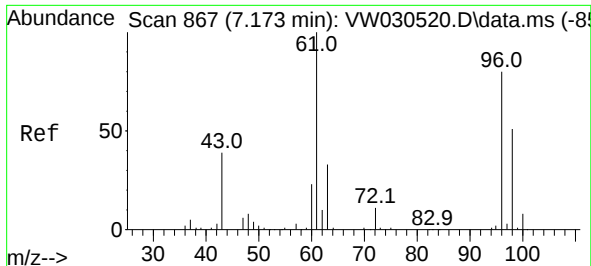
Ion Ratio Lower Upper

96 100

61 122.0 88.3 163.9

98 61.4 41.3 76.7





#22

2-Butanone

Concen: 28.426 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

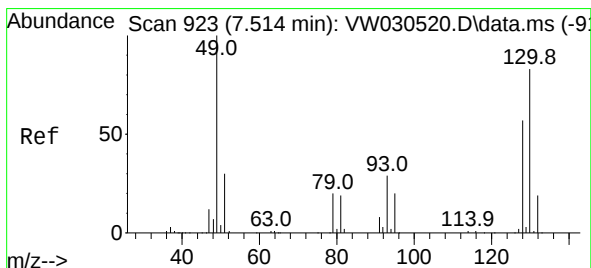
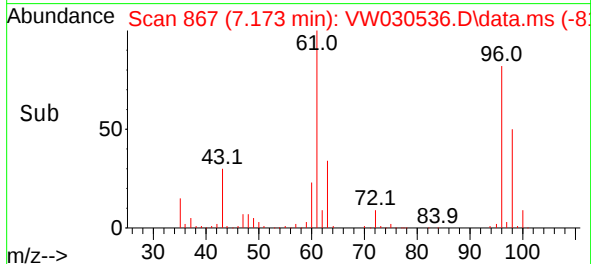
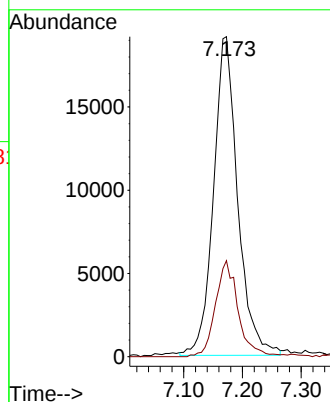
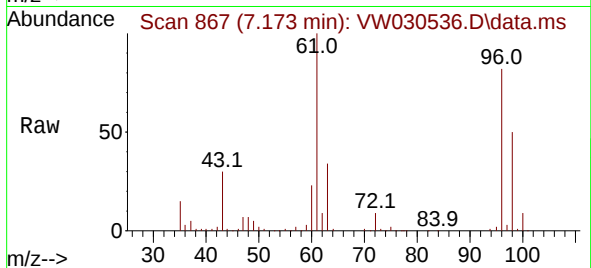
ClientSampleId :

Tgt Ion: 43 Resp: 54858

Ion Ratio Lower Upper

43 100

72 28.3 14.4 43.0



#23

Bromochloromethane

Concen: 19.422 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Tgt Ion: 128 Resp: 56720

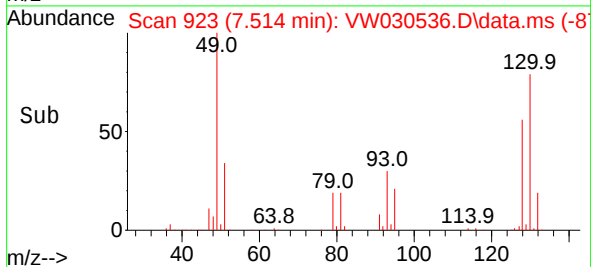
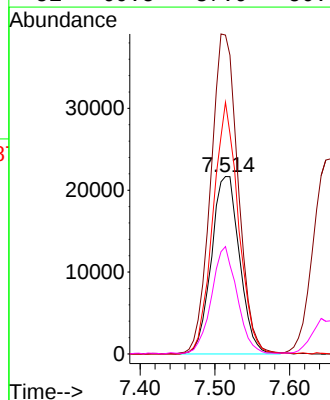
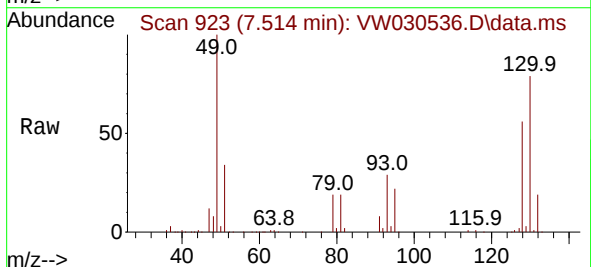
Ion Ratio Lower Upper

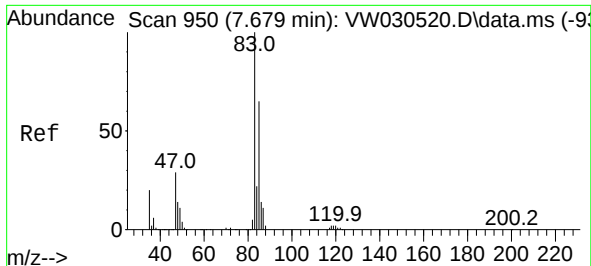
128 100

49 179.7 110.1 204.5

130 141.8 82.9 153.9

51 60.5 37.9 56.9#





#25

Chloroform

Concen: 19.936 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

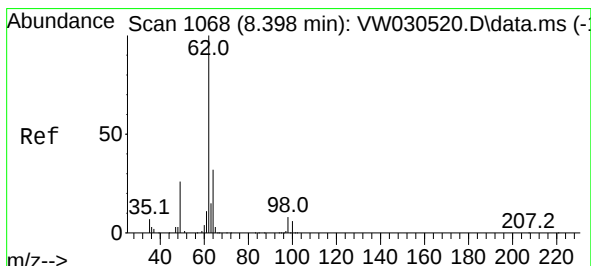
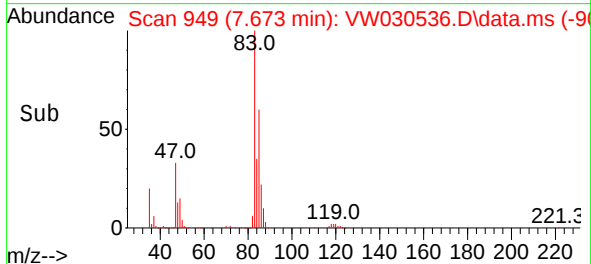
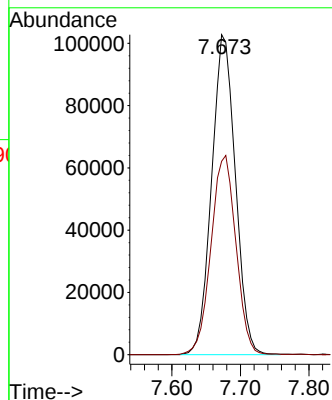
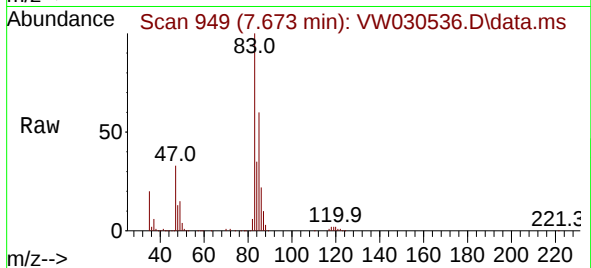
ClientSampleId :

Tgt Ion: 83 Resp: 247813

Ion Ratio Lower Upper

83 100

85 60.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 19.344 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030536.D

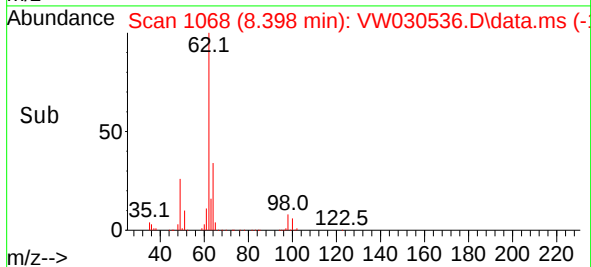
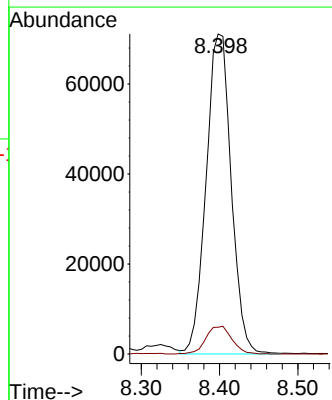
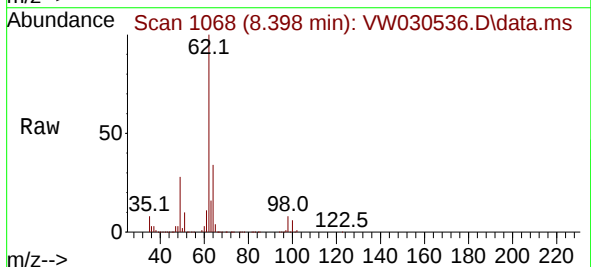
Acq: 11 Oct 2024 02:44

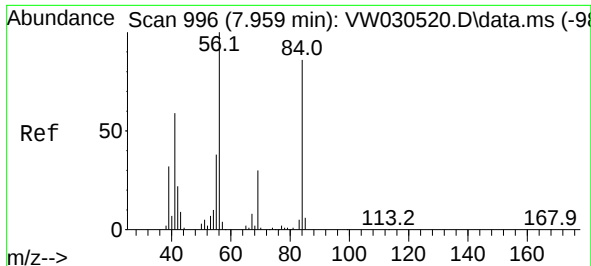
Tgt Ion: 62 Resp: 158634

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.6





#29

Cyclohexane

Concen: 19.557 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

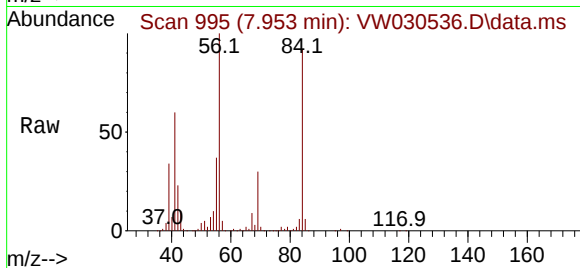
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



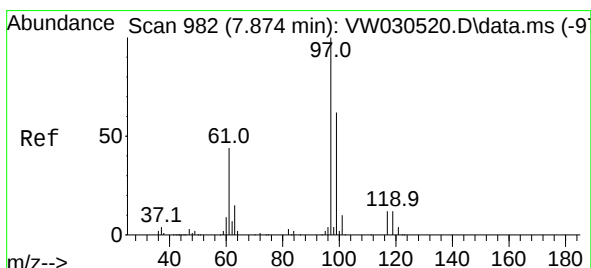
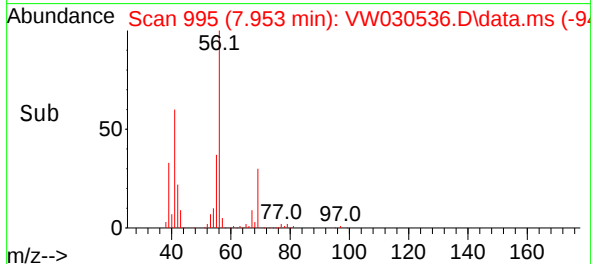
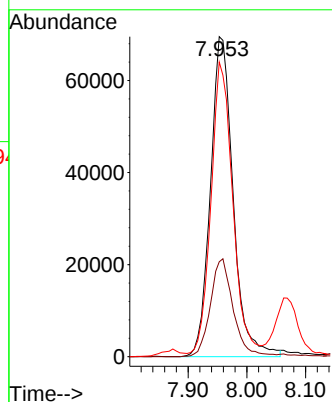
Tgt Ion: 56 Resp: 186781

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.0

84 88.7 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 18.082 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

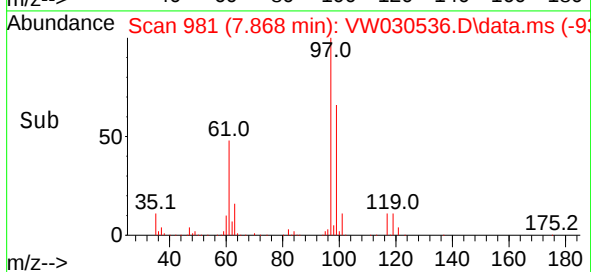
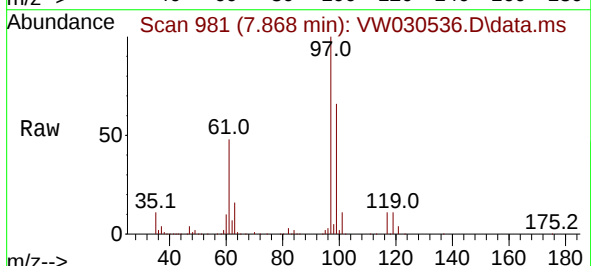
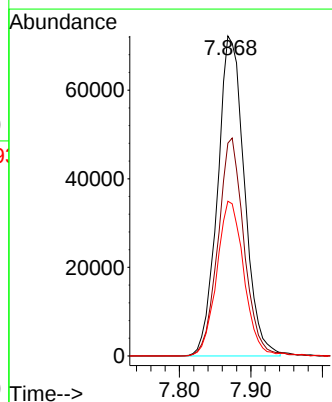
Tgt Ion: 97 Resp: 188337

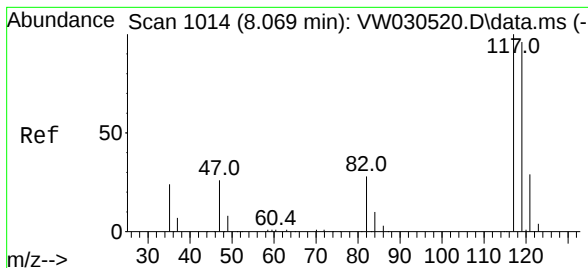
Ion Ratio Lower Upper

97 100

99 65.9 52.3 78.5

61 48.7 38.5 57.7





#31

Carbon tetrachloride

Concen: 18.056 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

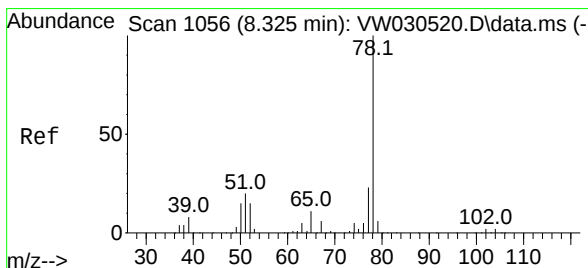
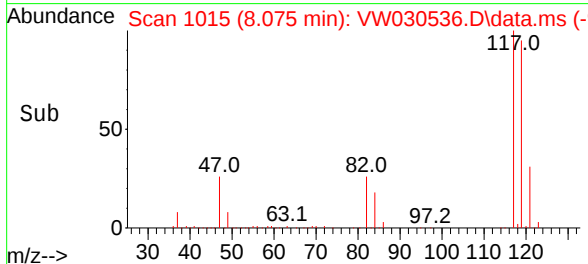
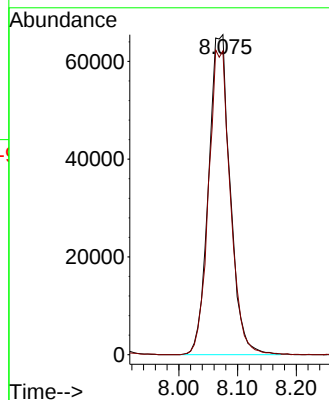
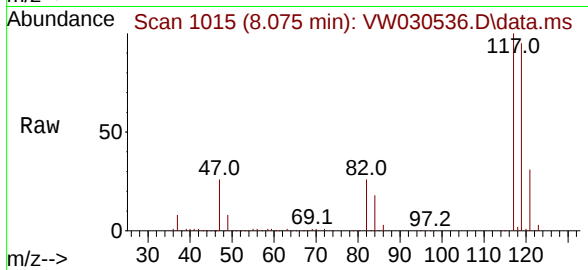
ClientSampleId :

Tgt Ion:117 Resp: 167970

Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.8



#33

Benzene

Concen: 20.043 ug/L

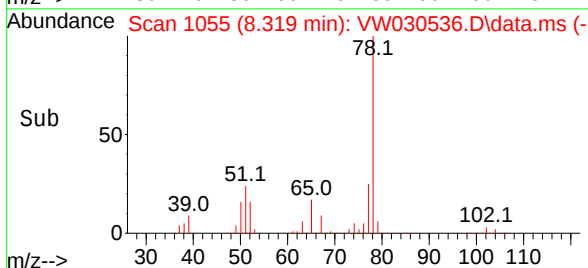
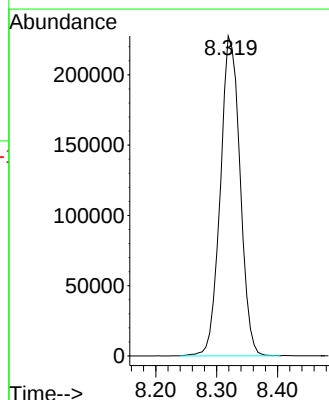
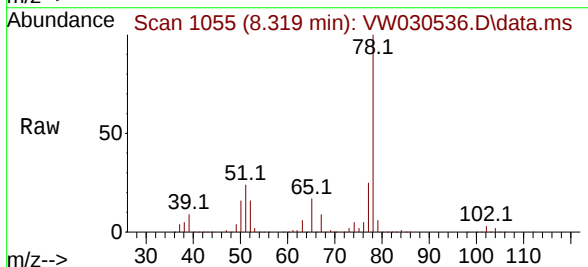
RT: 8.319 min Scan# 1055

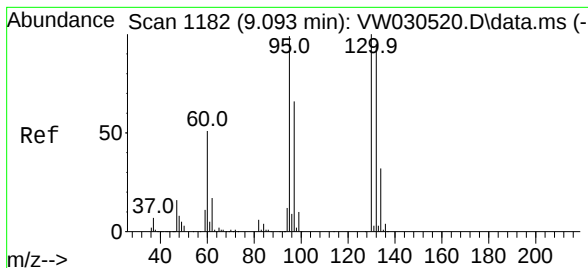
Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Tgt Ion: 78 Resp: 511748





#34

Trichloroethene

Concen: 18.406 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

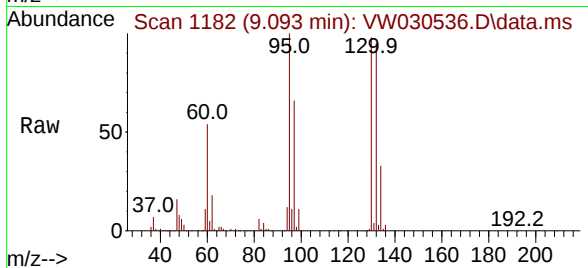
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 130746

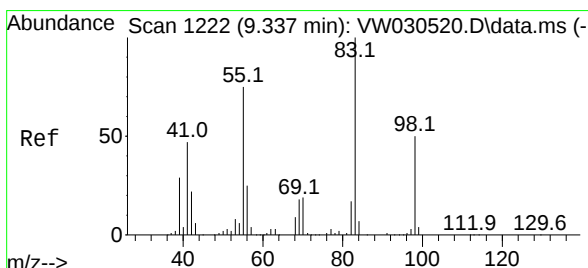
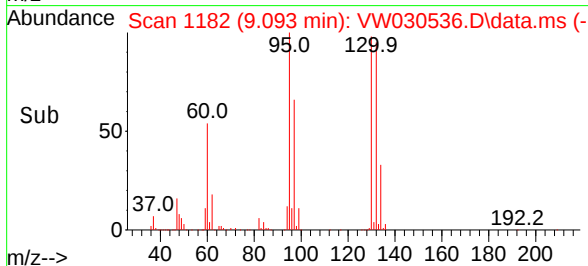
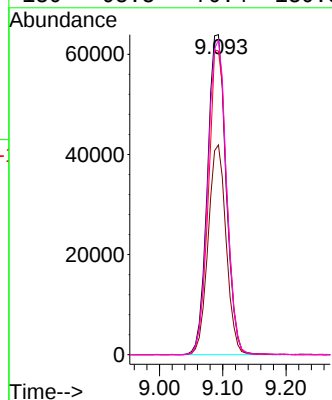
Ion Ratio Lower Upper

95 100

97 65.5 45.9 85.3

132 94.9 66.4 123.2

130 98.3 70.4 130.8



#35

Methylcyclohexane

Concen: 18.304 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

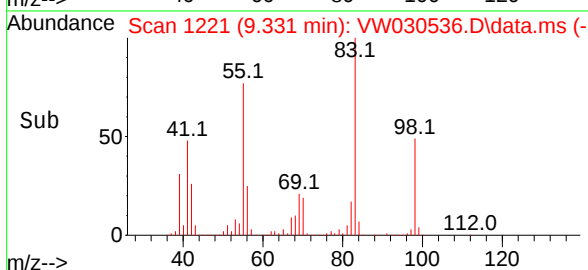
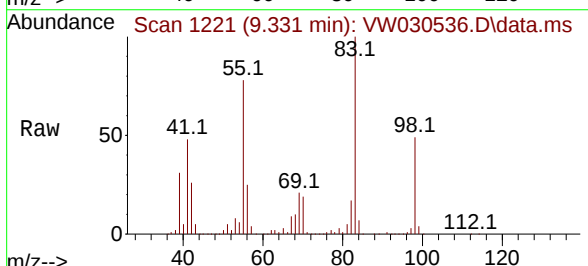
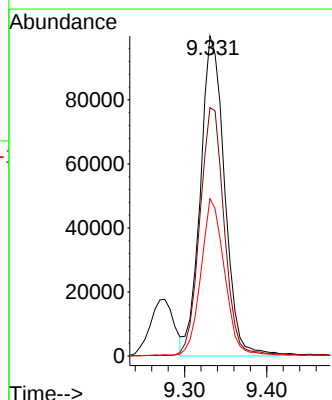
Tgt Ion: 83 Resp: 204619

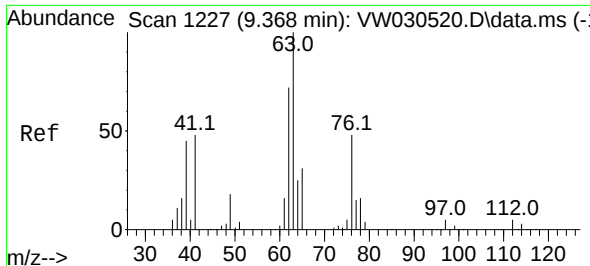
Ion Ratio Lower Upper

83 100

55 78.1 61.8 92.8

98 48.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 20.689 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

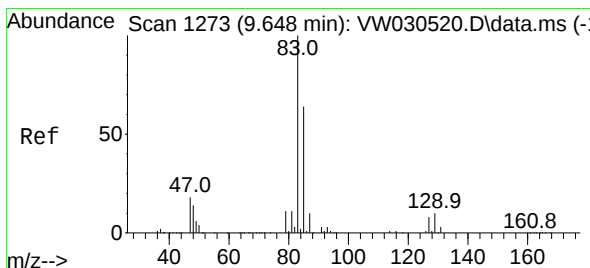
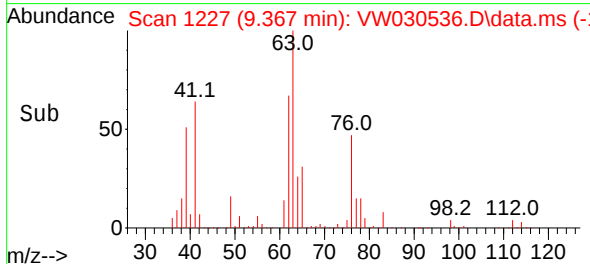
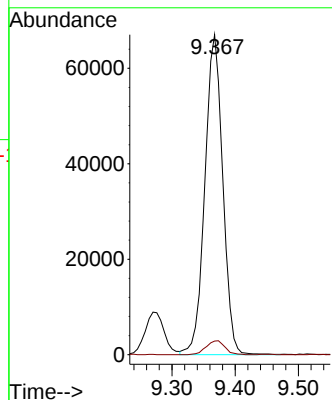
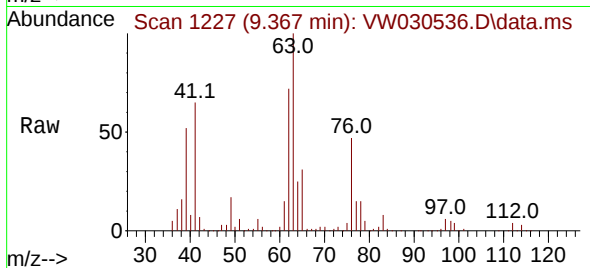
ClientSampleId :

Tgt Ion: 63 Resp: 131935

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 19.812 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

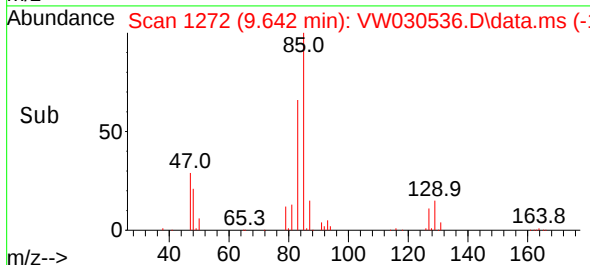
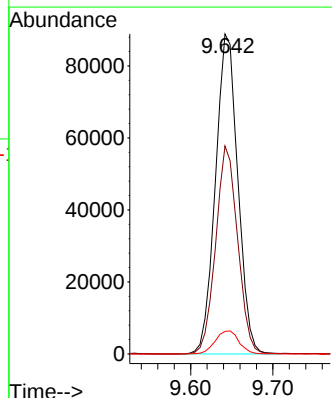
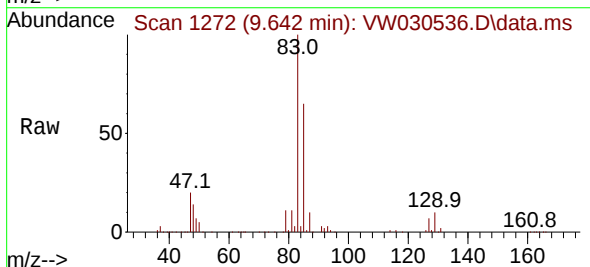
Tgt Ion: 83 Resp: 168086

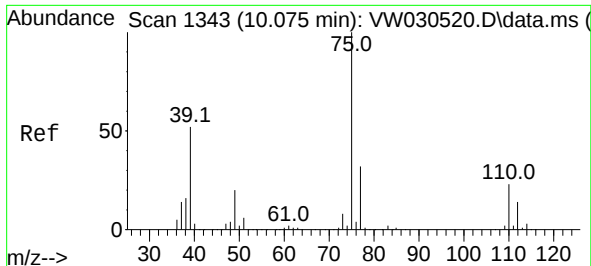
Ion Ratio Lower Upper

83 100

85 65.0 44.2 82.0

127 7.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 19.305 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

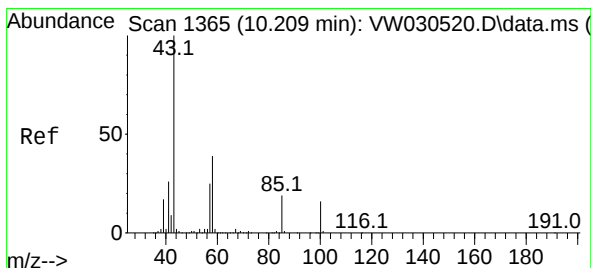
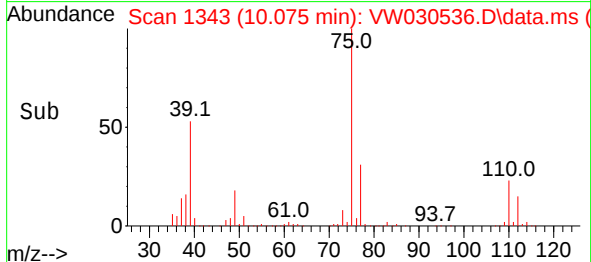
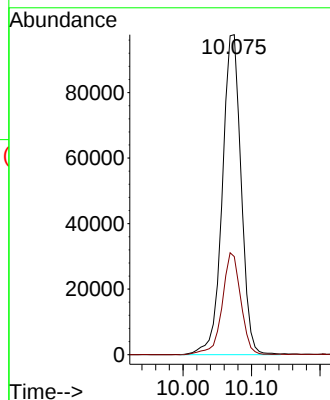
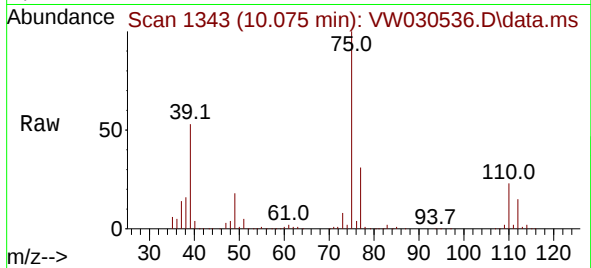
ClientSampleId :

Tgt Ion: 75 Resp: 185685

Ion Ratio Lower Upper

75 100

77 30.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 40.521 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

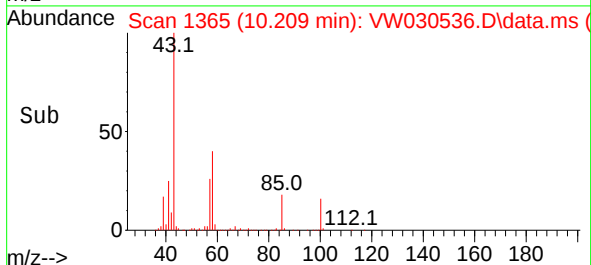
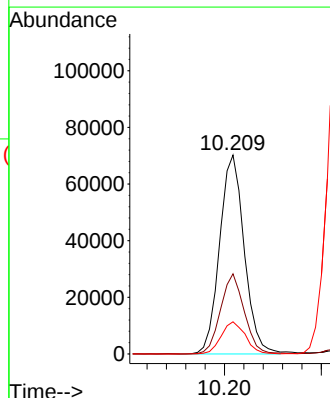
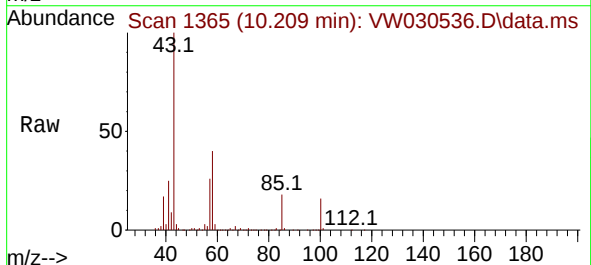
Tgt Ion: 43 Resp: 124137

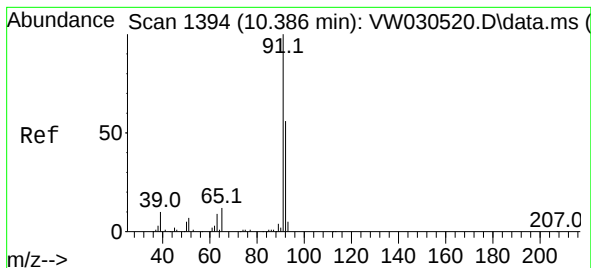
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 15.9 13.1 19.7





#42

Toluene

Concen: 20.043 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

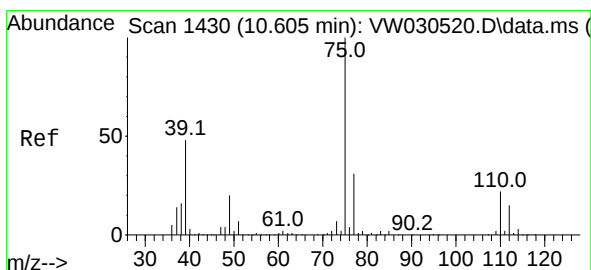
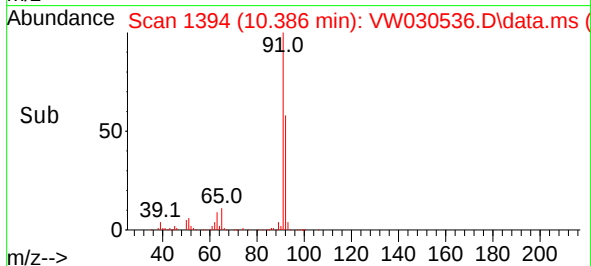
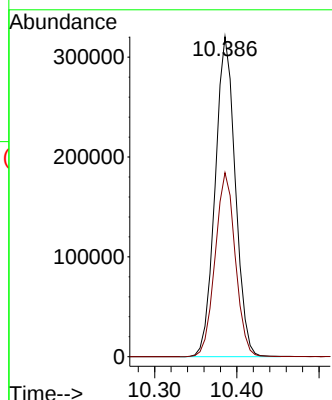
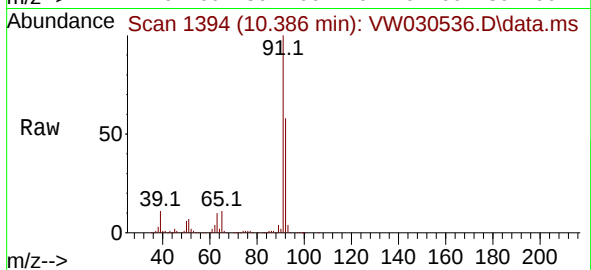
ClientSampleId :

Tgt Ion: 91 Resp: 545960

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 19.100 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030536.D

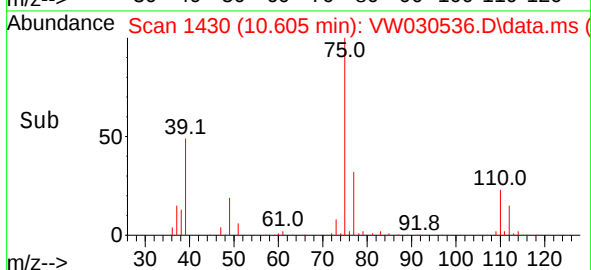
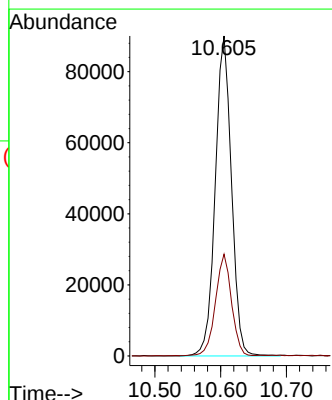
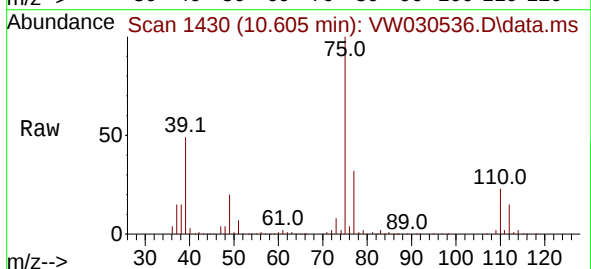
Acq: 11 Oct 2024 02:44

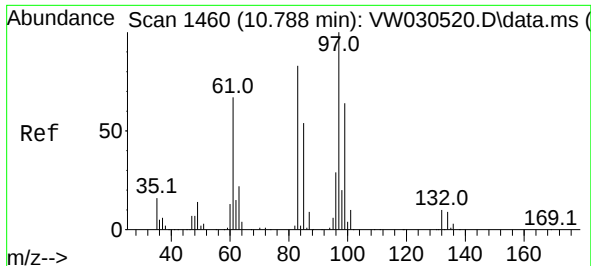
Tgt Ion: 75 Resp: 154386

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 19.239 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

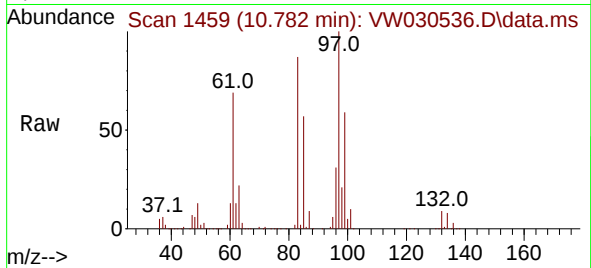
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 88670

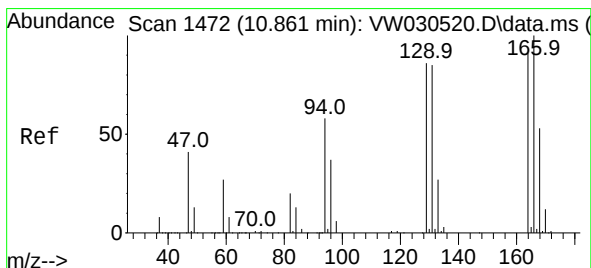
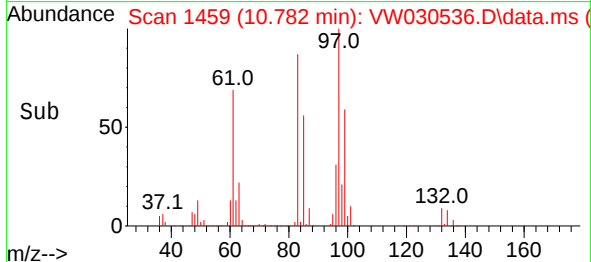
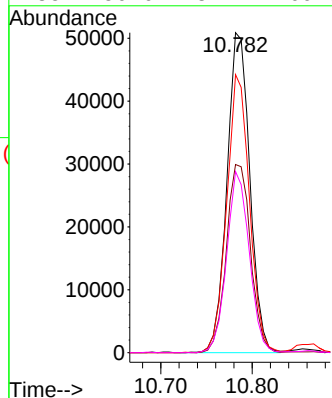
Ion Ratio Lower Upper

97 100

99 58.8 41.2 76.6

83 86.9 59.6 110.6

85 56.6 37.7 69.9



#46

Tetrachloroethene

Concen: 17.446 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Tgt Ion:164 Resp: 91403

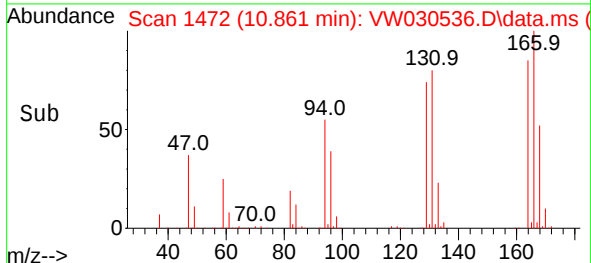
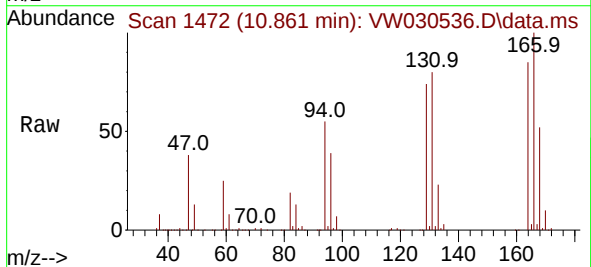
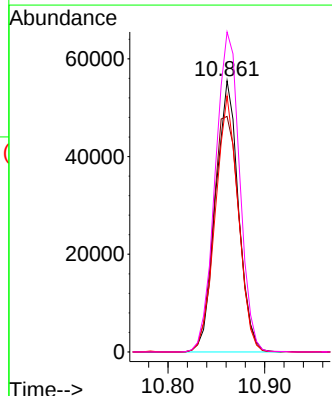
Ion Ratio Lower Upper

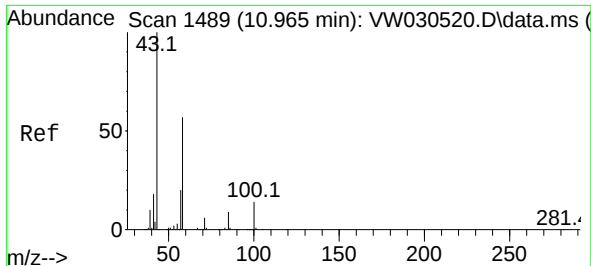
164 100

129 86.8 66.6 123.6

131 94.4 63.7 118.3

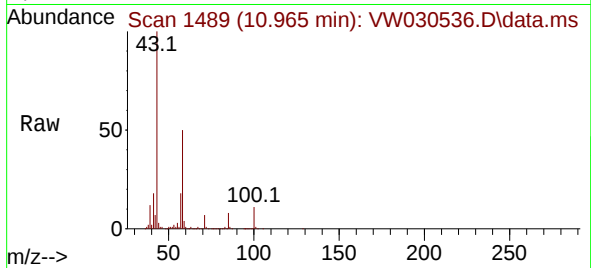
166 118.0 88.7 164.7



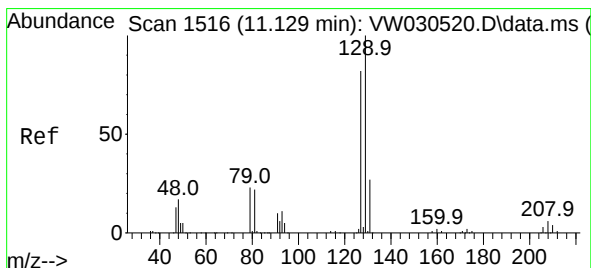
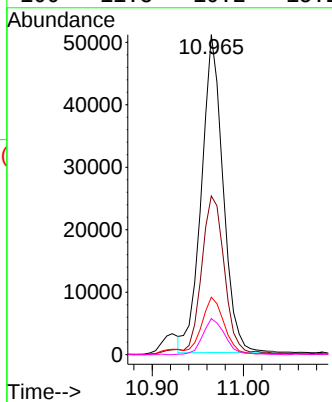
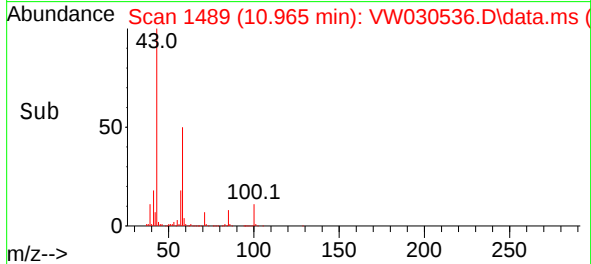


#48
2-Hexanone
Concen: 33.312 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Instrument :
MSVOA_W
ClientSampleId :

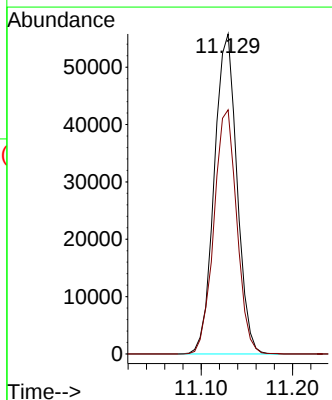
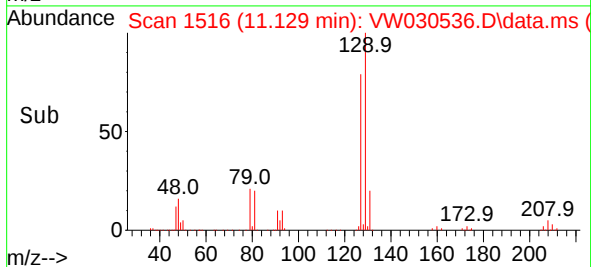
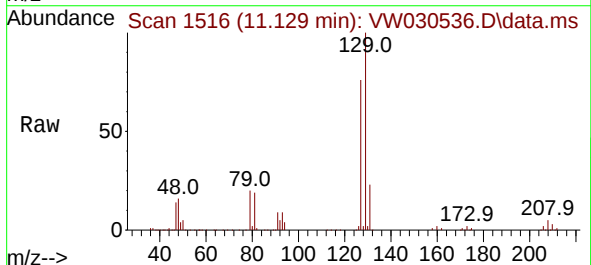


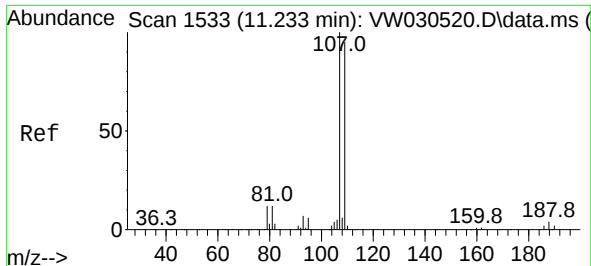
Tgt Ion:	43	Resp:	83457
Ion Ratio	Lower	Upper	
43	100		
58	50.4	44.6	67.0
57	18.7	15.8	23.8
100	11.8	10.2	15.2



#49
Dibromochloromethane
Concen: 18.736 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion:	129	Resp:	96348
Ion Ratio	Lower	Upper	
129	100		
127	76.3	56.5	104.9





#50

1,2-Dibromoethane

Concen: 18.398 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030536.D

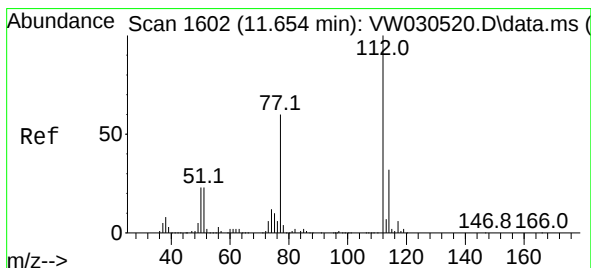
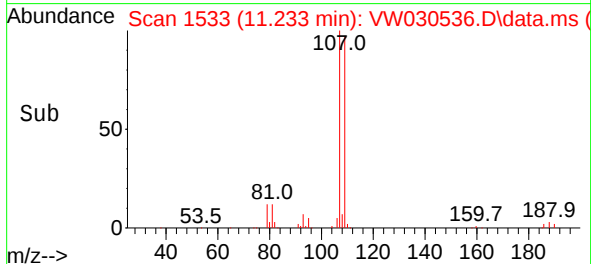
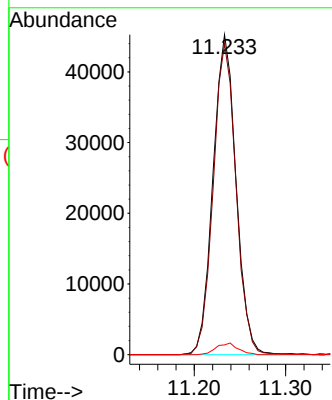
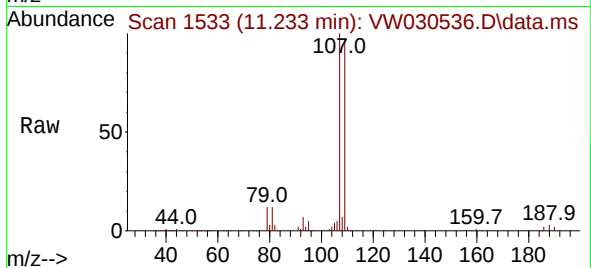
Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	79118
Ion Ratio	Lower	Upper	
107	100		
109	97.2	63.8	118.6
188	3.1	2.6	3.8



#51

Chlorobenzene

Concen: 17.977 ug/L

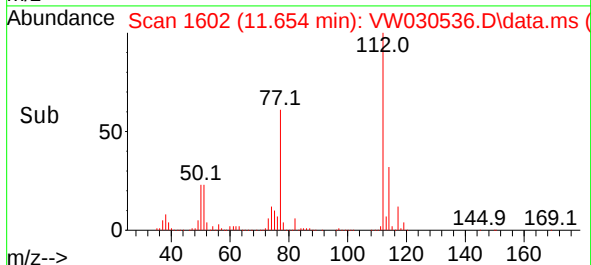
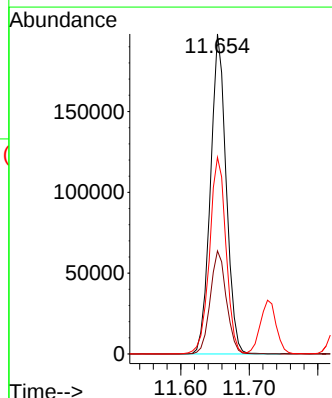
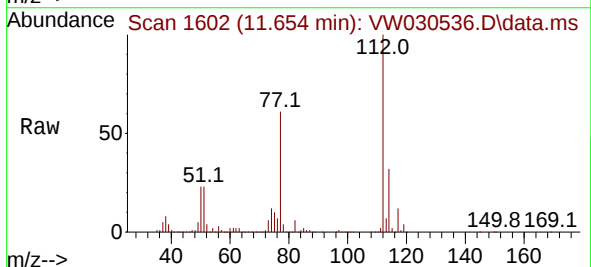
RT: 11.654 min Scan# 1602

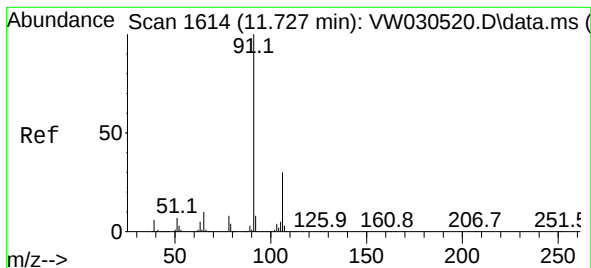
Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Tgt Ion:	112	Resp:	315227
Ion Ratio	Lower	Upper	
112	100		
114	32.2	22.4	41.6
77	61.5	47.1	70.7

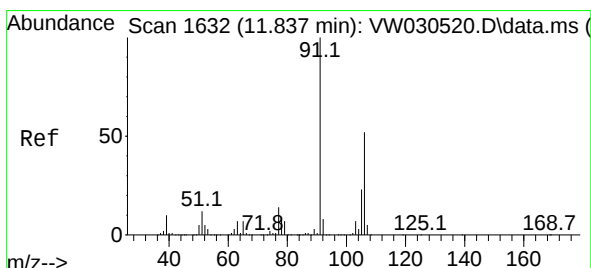
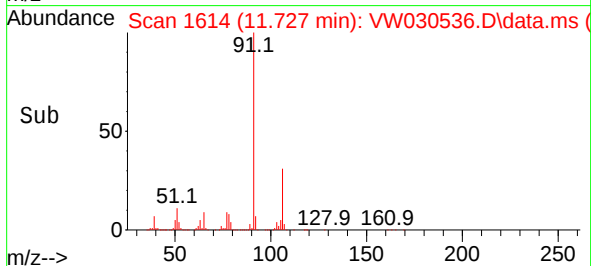
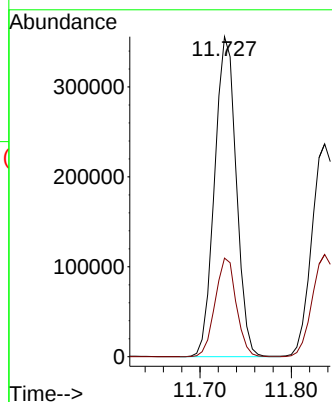
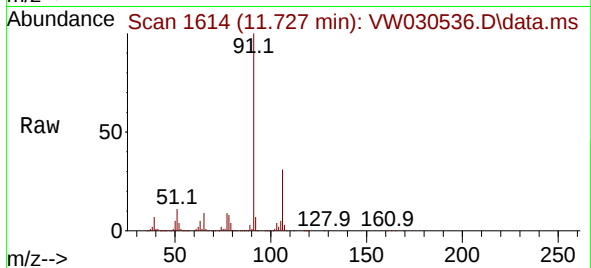




#52
Ethylbenzene
Concen: 18.875 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

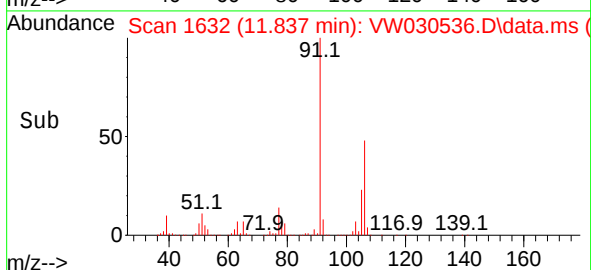
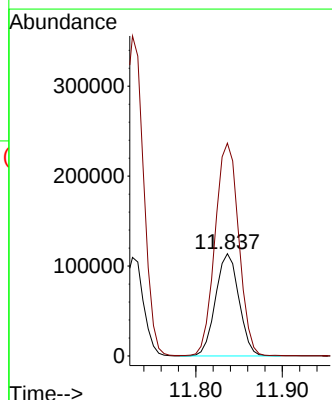
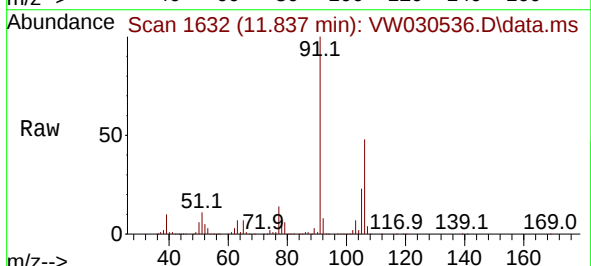
Instrument :
MSVOA_W
ClientSampleId :

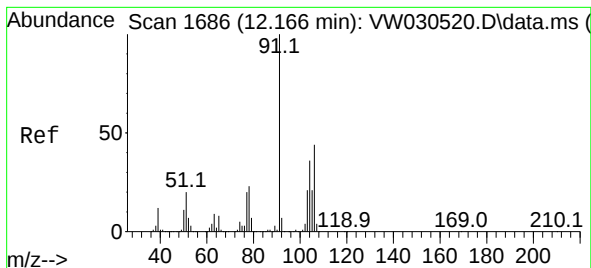
Tgt Ion: 91 Resp: 586687
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1



#53
m,p-Xylene
Concen: 18.330 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion:106 Resp: 213451
Ion Ratio Lower Upper
106 100
91 208.2 140.6 261.2

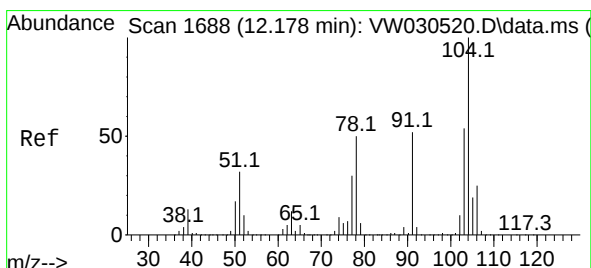
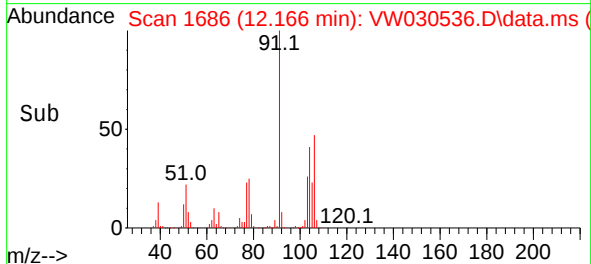
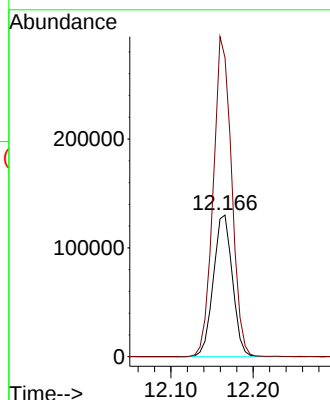
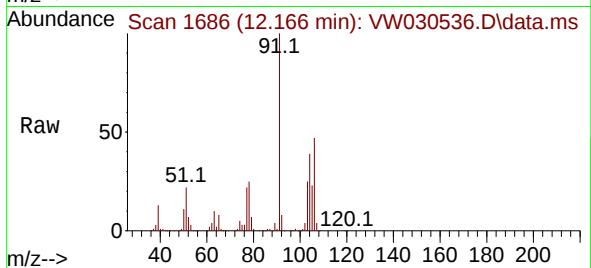




#54
o-Xylene
Concen: 19.521 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

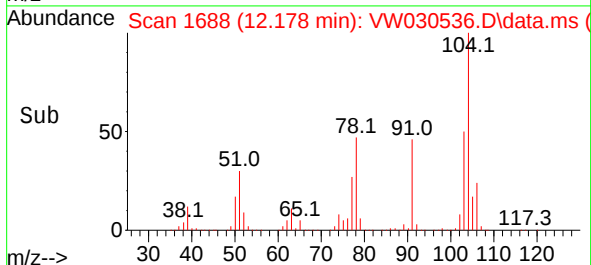
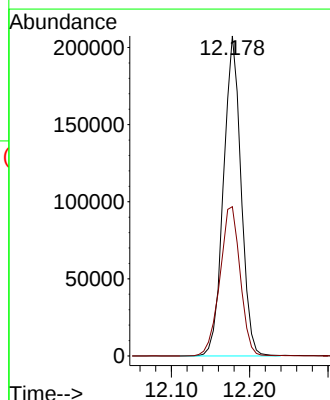
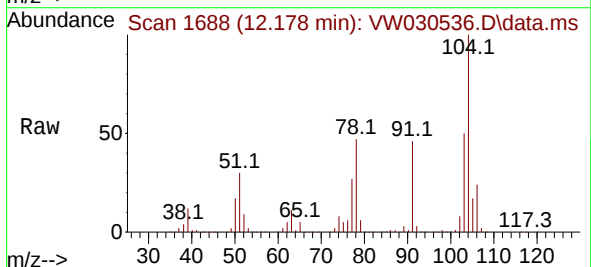
Instrument :
MSVOA_W
ClientSampleId :

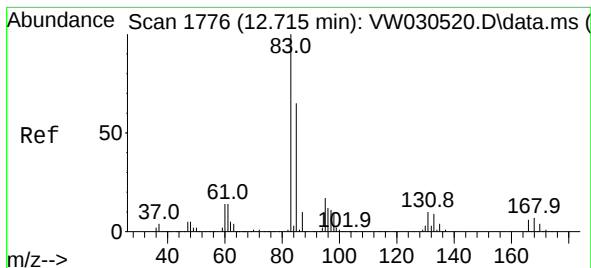
Tgt Ion:106 Resp: 210152
Ion Ratio Lower Upper
106 100
91 211.1 144.5 268.4



#55
Styrene
Concen: 17.549 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion:104 Resp: 322981
Ion Ratio Lower Upper
104 100
78 46.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 18.612 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :

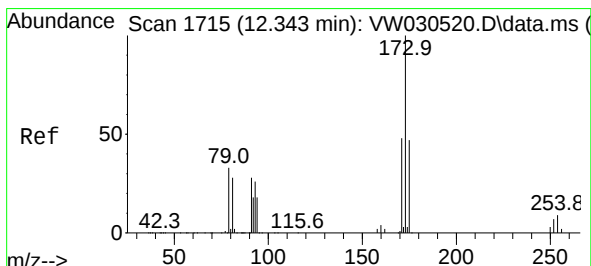
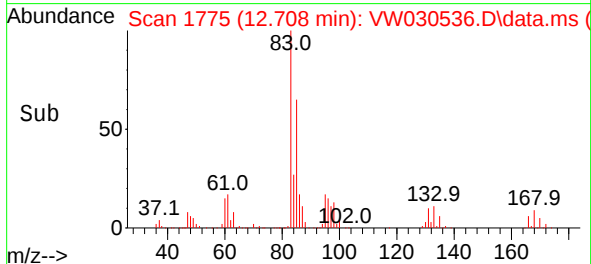
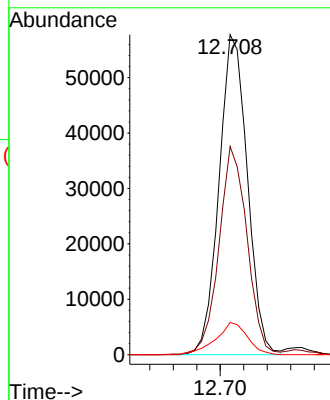
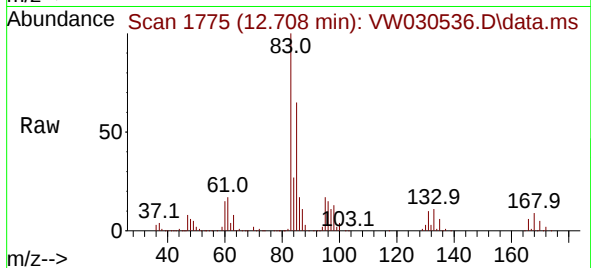
Tgt Ion: 83 Resp: 96734

Ion Ratio Lower Upper

83 100

85 65.0 42.6 79.2

131 10.1 7.4 11.0



#59

Bromoform

Concen: 20.472 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

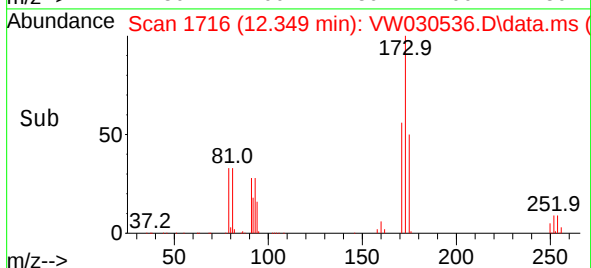
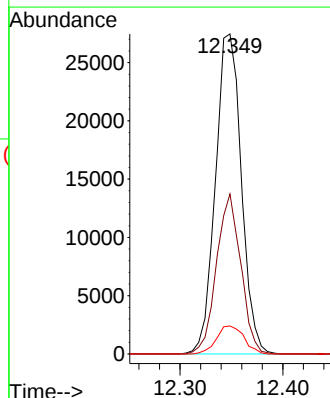
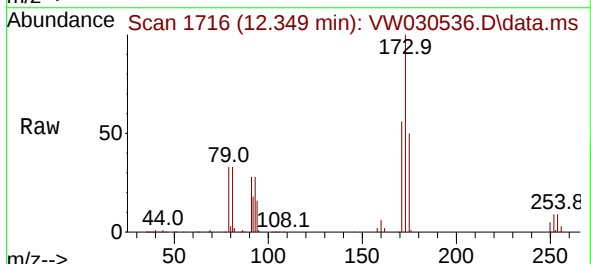
Tgt Ion:173 Resp: 48052

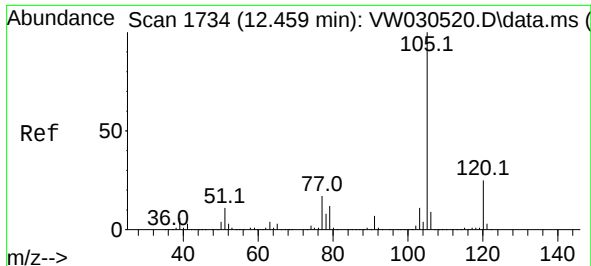
Ion Ratio Lower Upper

173 100

175 46.8 39.0 58.4

254 9.3 7.7 11.5





#60

Isopropylbenzene

Concen: 21.845 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :

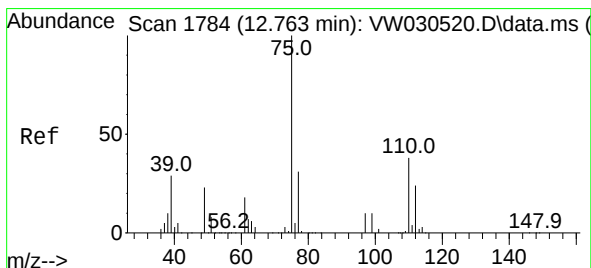
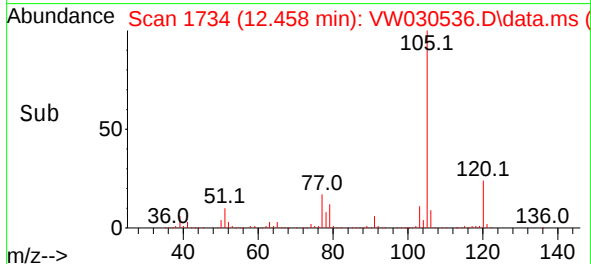
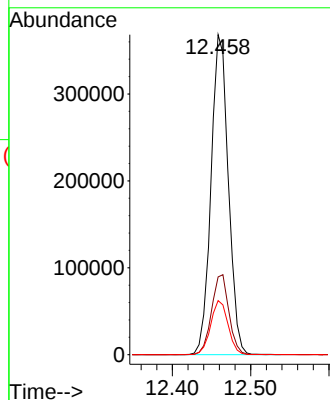
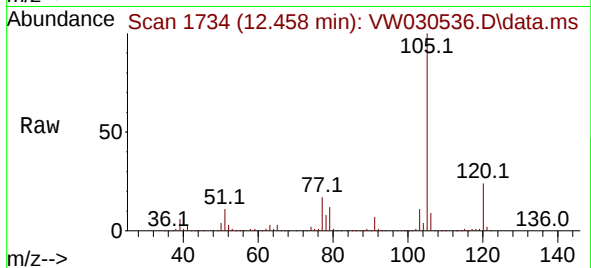
Tgt Ion:105 Resp: 565167

Ion Ratio Lower Upper

105 100

120 25.0 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 21.246 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

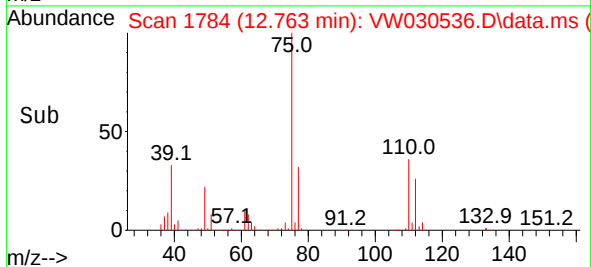
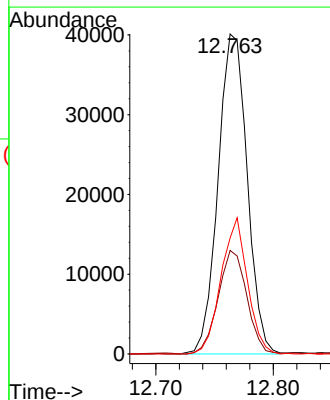
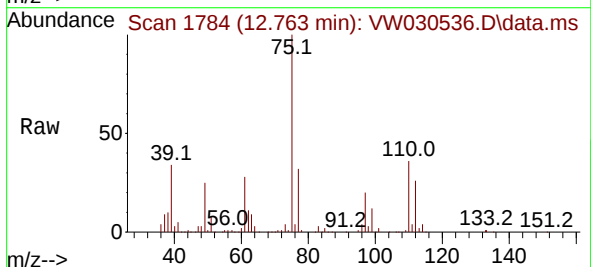
Tgt Ion: 75 Resp: 69070

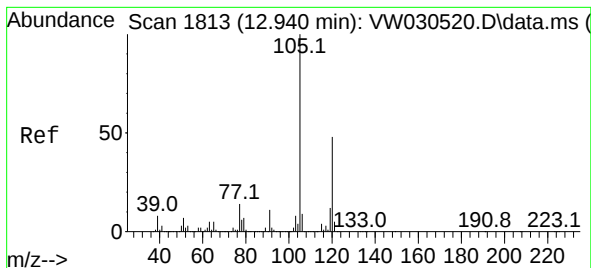
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 38.6 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 21.131 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

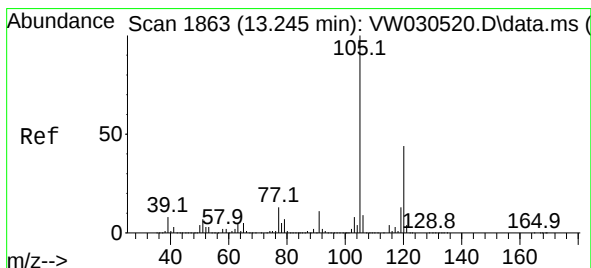
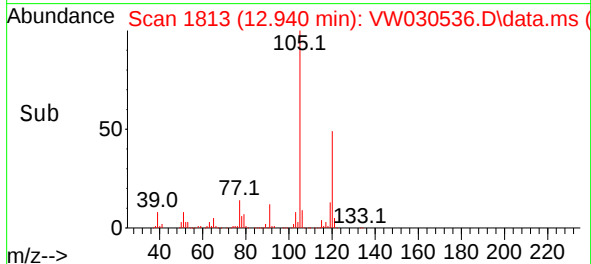
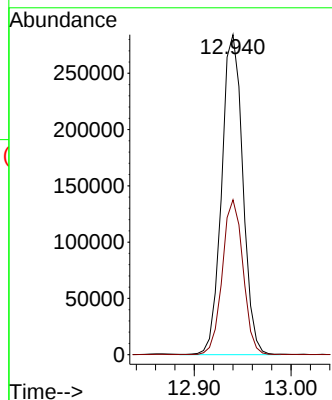
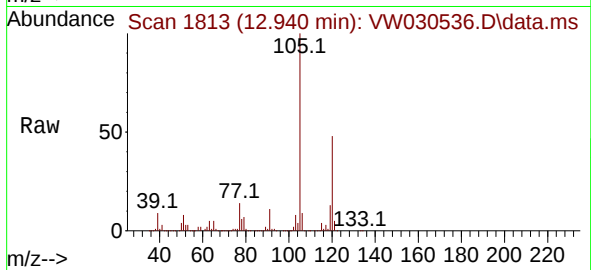
ClientSampleId :

Tgt Ion:105 Resp: 431311

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 20.922 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030536.D

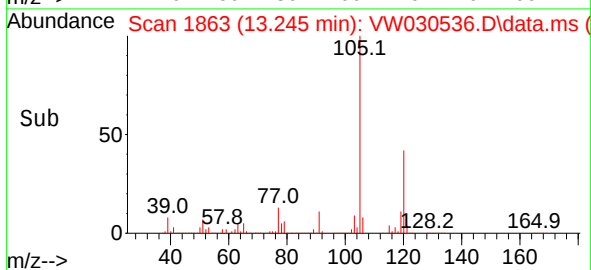
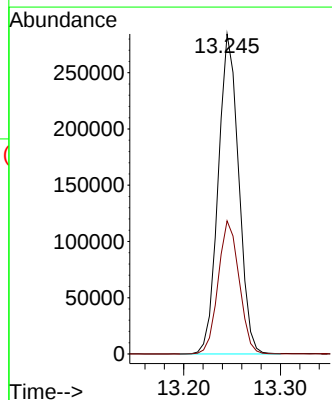
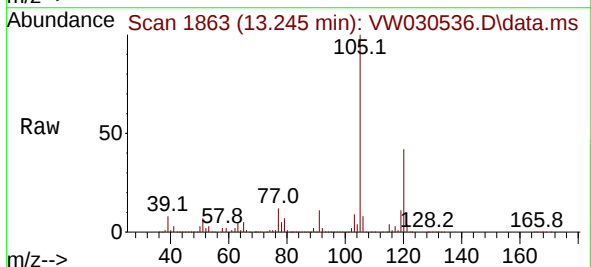
Acq: 11 Oct 2024 02:44

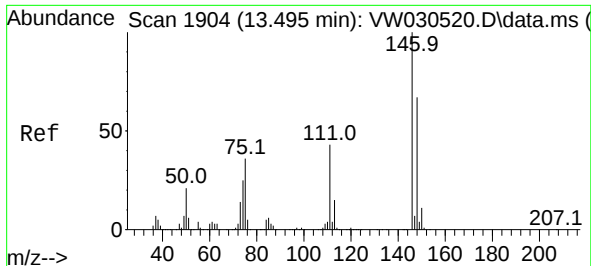
Tgt Ion:105 Resp: 418126

Ion Ratio Lower Upper

105 100

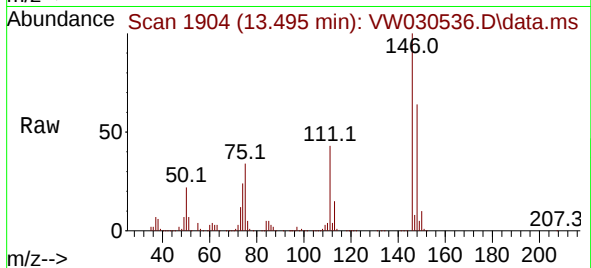
120 42.6 35.8 53.6



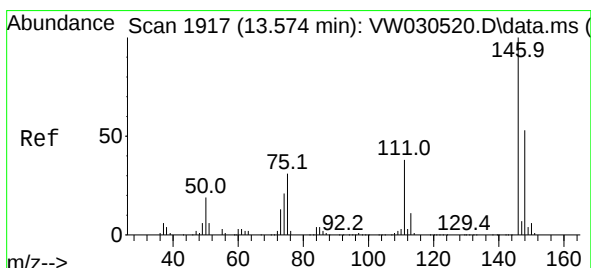
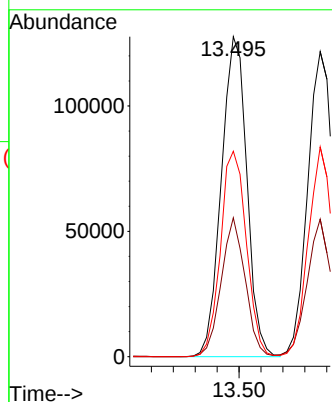
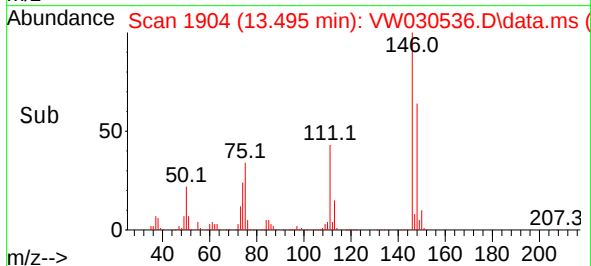


#64
1,3-Dichlorobenzene
Concen: 18.336 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

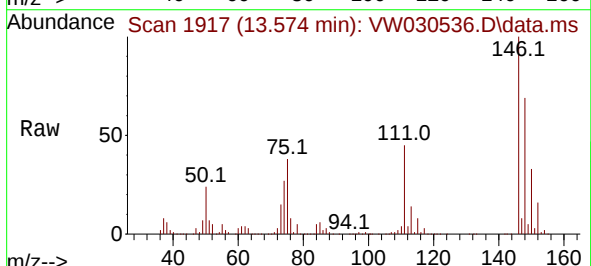
Instrument :
MSVOA_W
ClientSampleId :



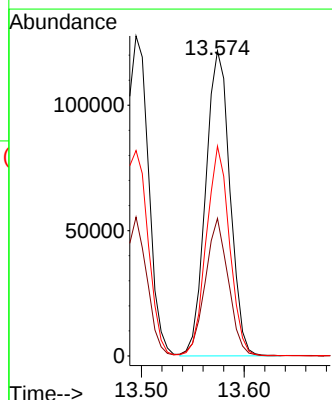
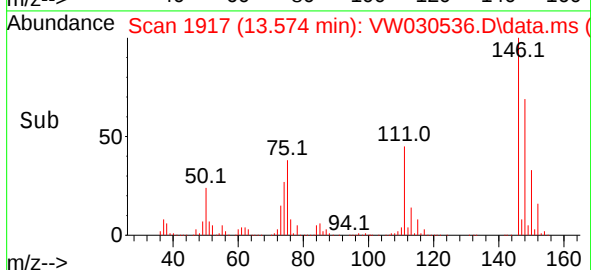
Tgt Ion:146 Resp: 206491
Ion Ratio Lower Upper
146 100
111 43.4 31.2 58.0
148 64.2 45.7 84.9

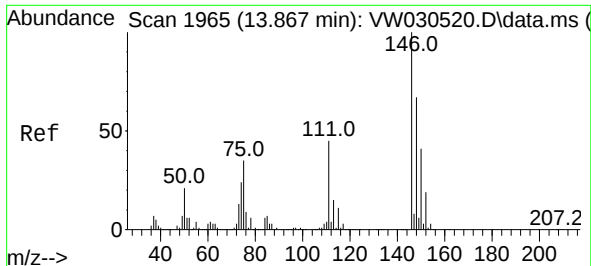


#65
1,4-Dichlorobenzene
Concen: 17.215 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44



Tgt Ion:146 Resp: 200180
Ion Ratio Lower Upper
146 100
111 45.1 26.8 49.8
148 68.7 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 18.774 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

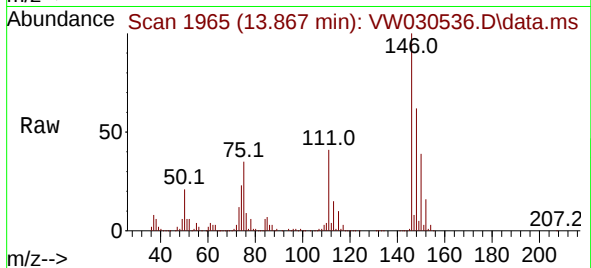
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



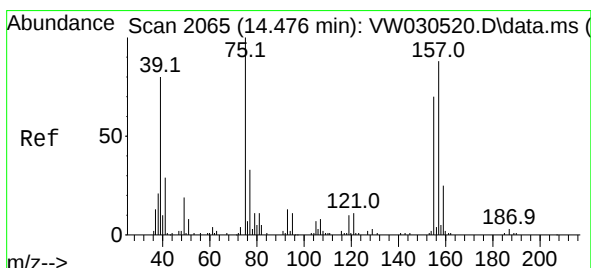
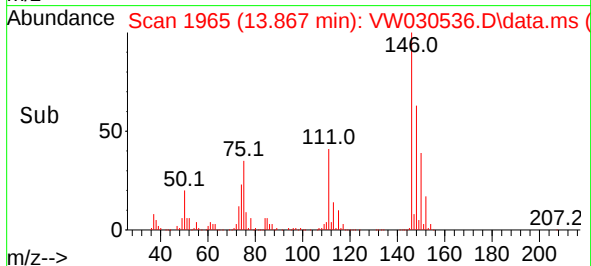
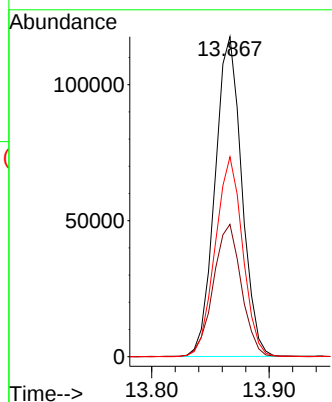
Tgt Ion:146 Resp: 186044

Ion Ratio Lower Upper

146 100

111 41.4 34.6 52.0

148 62.5 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 20.211 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

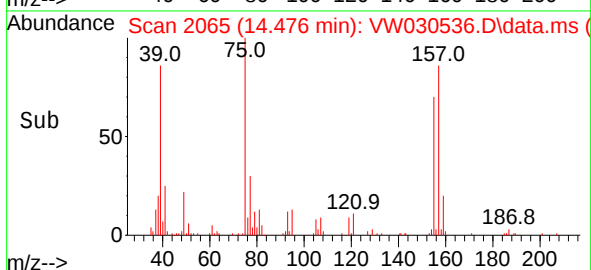
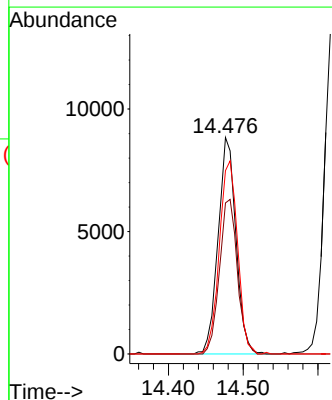
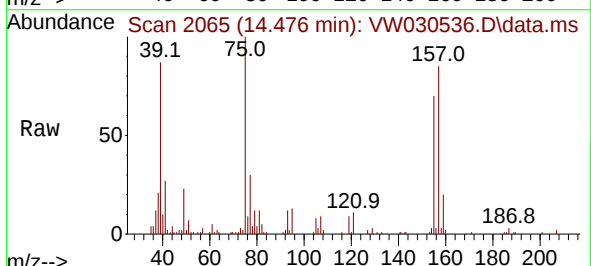
Tgt Ion: 75 Resp: 14650

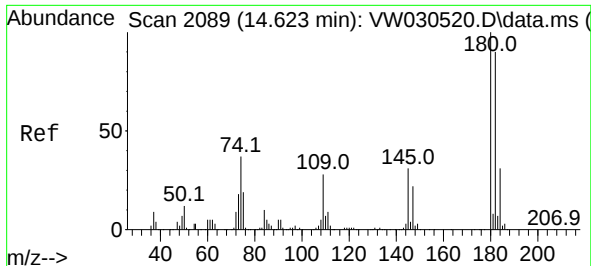
Ion Ratio Lower Upper

75 100

155 69.8 57.9 86.9

157 84.7 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 14.958 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

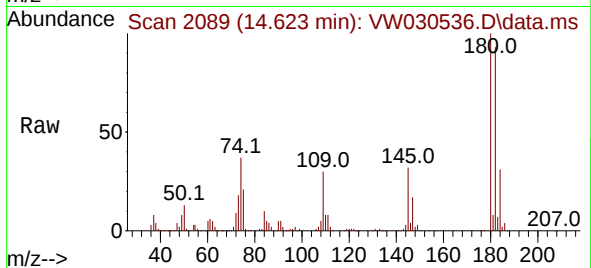
Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 111078

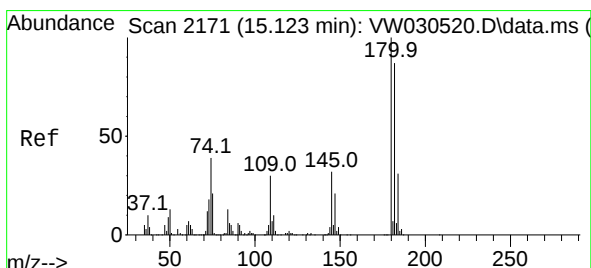
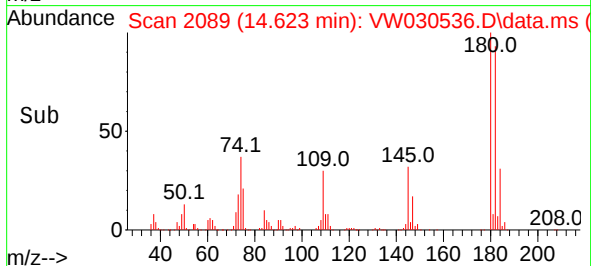
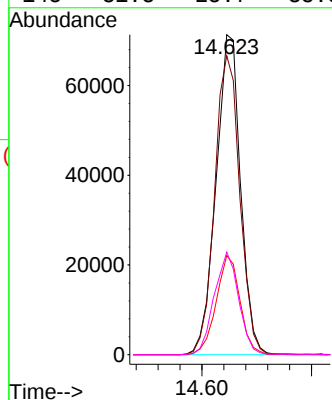
Ion Ratio Lower Upper

180 100

182 95.5 79.9 119.9

184 30.1 25.2 37.8

145 31.8 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 13.911 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030536.D

Acq: 11 Oct 2024 02:44

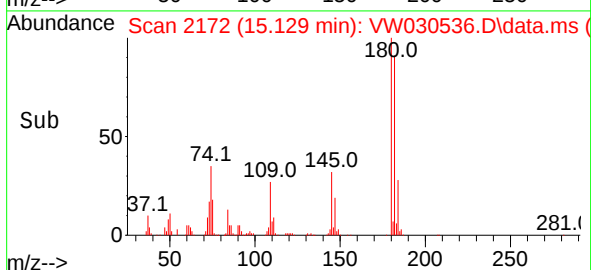
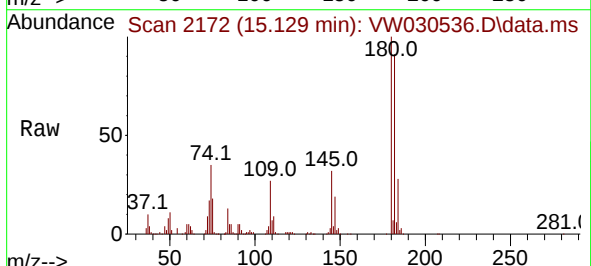
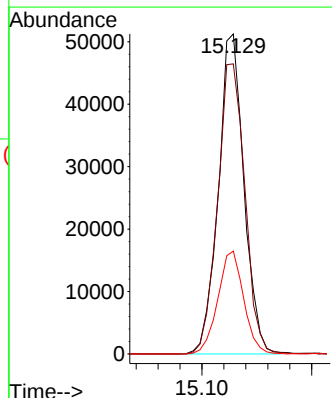
Tgt Ion:180 Resp: 83166

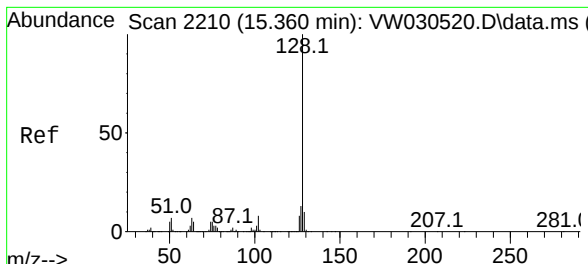
Ion Ratio Lower Upper

180 100

182 96.5 75.2 112.8

145 32.4 25.4 38.2



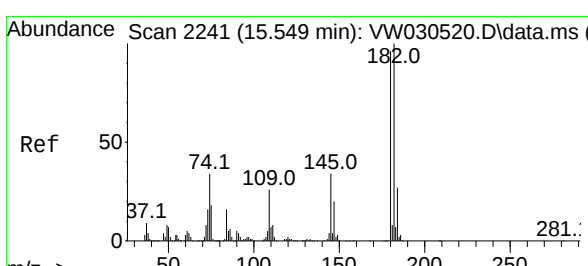
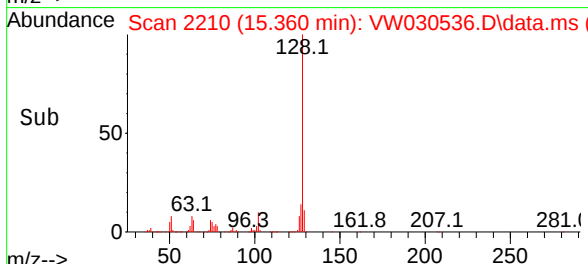
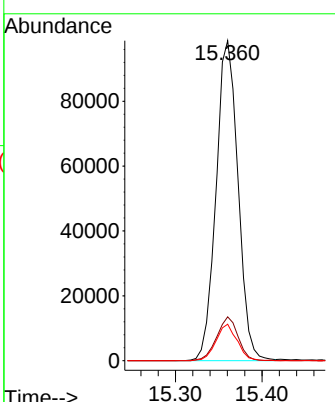
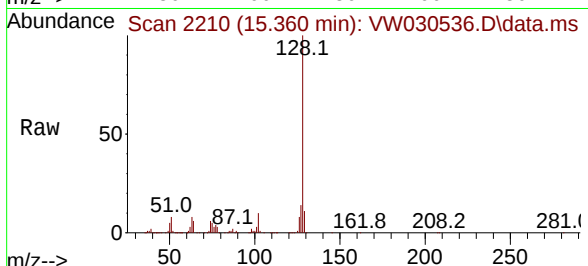


#71
Naphthalene
Concen: 16.836 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 173894

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 14.484 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030536.D
Acq: 11 Oct 2024 02:44

Tgt Ion:180 Resp: 75067

Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.2	114.4
145	32.3	27.4	41.2

