

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030534.D
 Acq On : 11 Oct 2024 01:55
 Operator : SY/MD
 Sample : P4352-05MS
 Misc : 5.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 03:28:39 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	450076	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	376039	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	163669	23.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.893	69	137752	25.723	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.880%
11) 1,1-Dichloroethene-d2	4.021	65	66838	22.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.840%
21) 2-Butanone-d5	7.081	46	45456	35.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.400%
24) Chloroform-d	7.648	84	295824	22.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.307	65	145332	21.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.270	84	567465	26.000	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.270	67	161878	25.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	503172	25.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	10.575	79	57603	21.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.880%
47) 2-Hexanone-d5	10.922	63	37465	45.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91492	19.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	84740	19.564	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	95825	16.664	ug/L	97
3) Chloromethane	2.229	50	125701	18.808	ug/L	99
5) Vinyl chloride	2.375	62	148770	18.101	ug/L	99
6) Bromomethane	2.783	94	99791	18.447	ug/L	100
8) Chloroethane	2.936	64	96008	19.109	ug/L	99
9) Trichlorofluoromethane	3.265	101	123637	16.812	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	109241	16.510	ug/L	97
13) Acetone	4.125	43	42868	22.999	ug/L	96
14) Carbon disulfide	4.393	76	307146	15.576	ug/L	100
15) Methyl Acetate	4.673	43	38725	16.819	ug/L	99
16) Methylene chloride	4.923	84	113181	16.634	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	115605	17.742	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	165322	18.129	ug/L	100
19) 1,1-Dichloroethane	6.216	63	219477	18.123	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	124986	17.984	ug/L	96
22) 2-Butanone	7.167	43	54812	27.281	ug/L	99
23) Bromochloromethane	7.514	128	51380	16.899	ug/L	90
25) Chloroform	7.679	83	234087	18.088	ug/L	97
27) 1,2-Dichloroethane	8.398	62	146323	17.138	ug/L	98

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 Response via : Initial Calibration

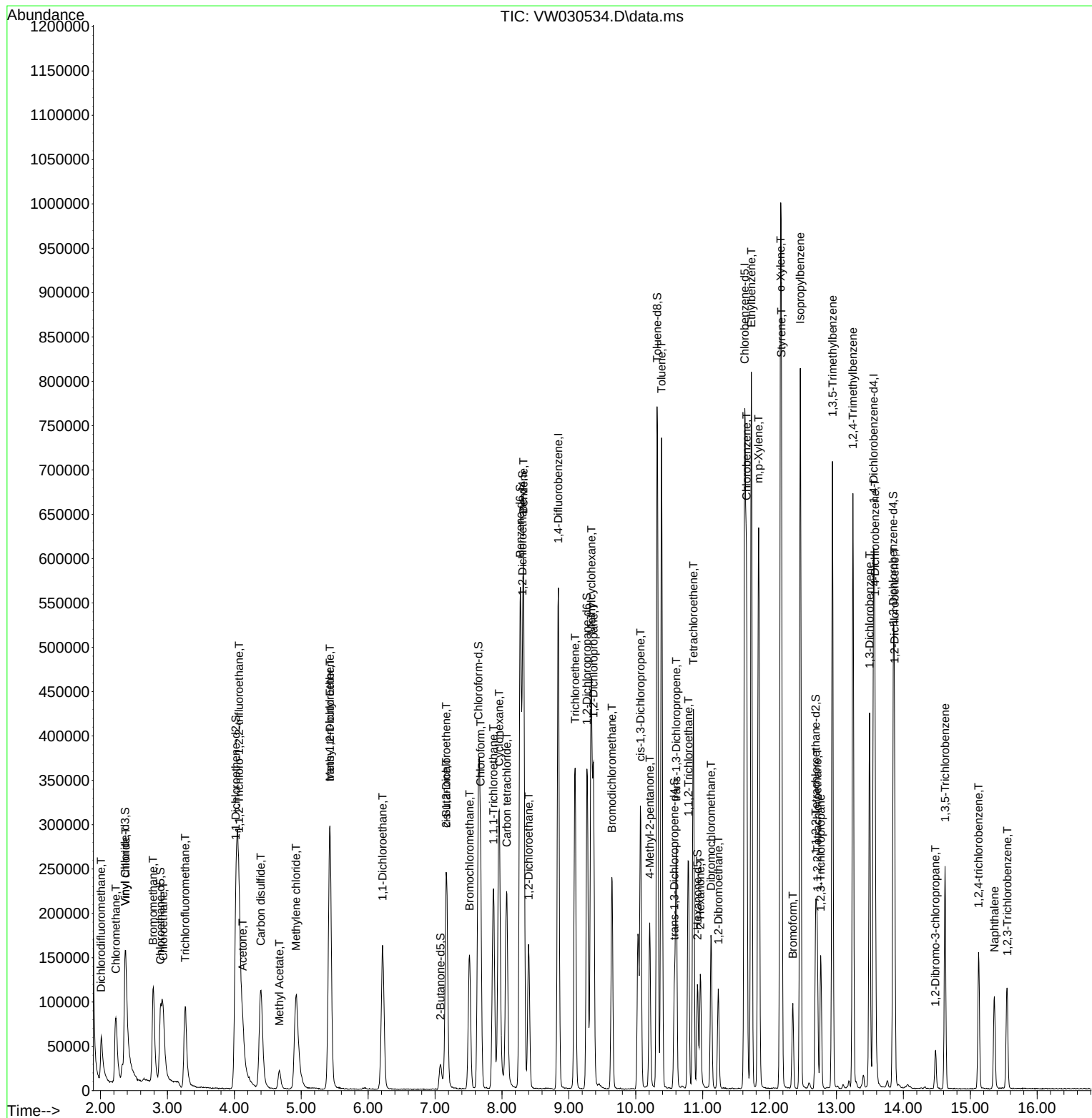
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	181590	19.838	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	184235	18.456	ug/L	100
31) Carbon tetrachloride	8.069	117	162565	18.234	ug/L	100
33) Benzene	8.319	78	494016	20.188	ug/L	100
34) Trichloroethene	9.093	95	127876	18.783	ug/L	93
35) Methylcyclohexane	9.337	83	186399	17.397	ug/L	97
37) 1,2-Dichloropropane	9.368	63	120673	19.745	ug/L	100
38) Bromodichloromethane	9.642	83	156660	19.266	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	175193	19.004	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	117285	39.946	ug/L	99
42) Toluene	10.386	91	512926	19.647	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	139032	17.947	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	79498	17.998	ug/L	98
46) Tetrachloroethene	10.861	164	86284	17.184	ug/L	96
48) 2-Hexanone	10.965	43	79512	33.115	ug/L	98
49) Dibromochloromethane	11.123	129	84646	17.174	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72406	17.567	ug/L #	89
51) Chlorobenzene	11.654	112	284574	16.933	ug/L	99
52) Ethylbenzene	11.727	91	548498	18.412	ug/L	100
53) m,p-Xylene	11.837	106	197775	17.721	ug/L	95
54) o-Xylene	12.166	106	181493	17.590	ug/L	90
55) Styrene	12.178	104	253982	14.399	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	78783	15.816	ug/L	97
59) Bromoform	12.349	173	40602	22.574	ug/L	98
60) Isopropylbenzene	12.459	105	494968	24.967	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58121	23.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	353690	22.614	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	341470	22.299	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	156442	18.129	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	156819	17.600	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	127195	16.751	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	11069	19.928	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	70725	12.429	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	43923	9.588	ug/L	97
71) Naphthalene	15.360	128	86875	10.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	34857	8.777	ug/L	97

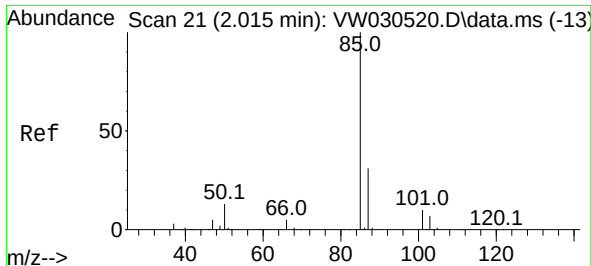
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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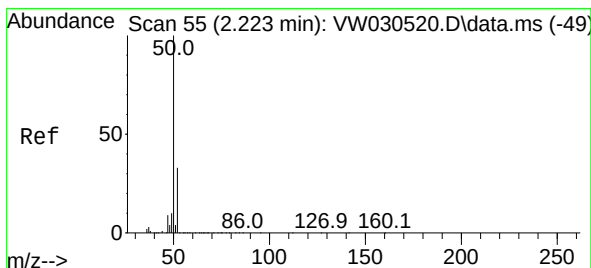
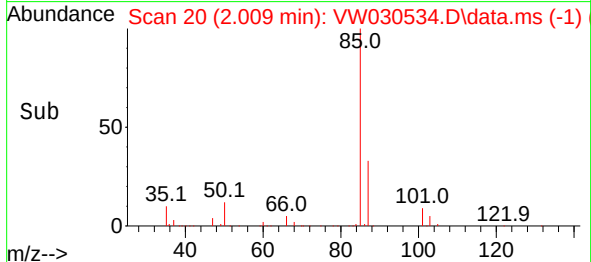
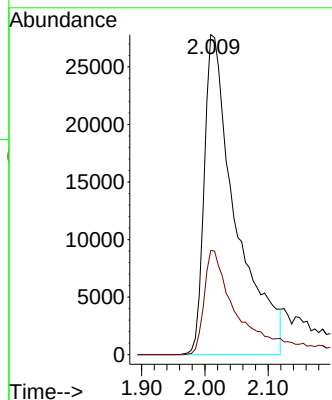
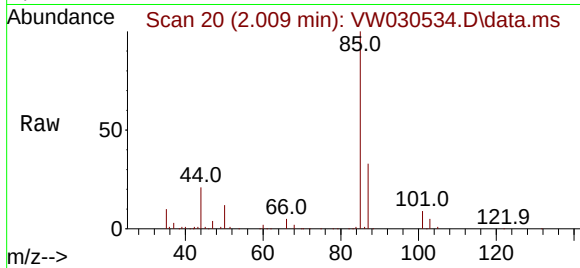




#2
Dichlorodifluoromethane
Concen: 16.664 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

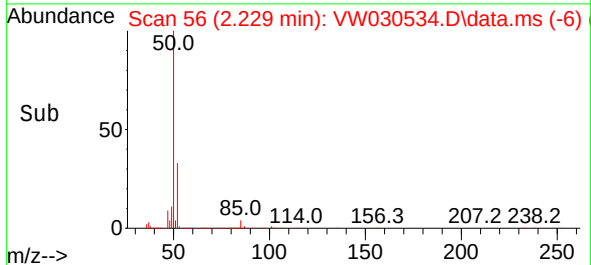
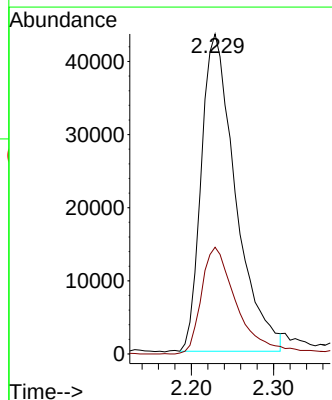
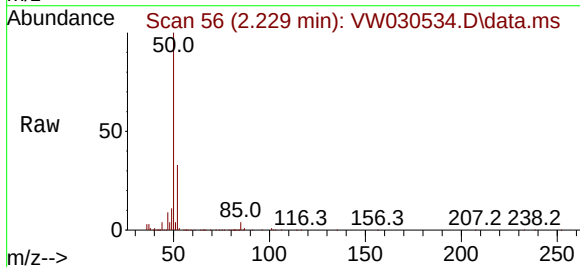
Instrument :
MSVOA_W
ClientSampleId :

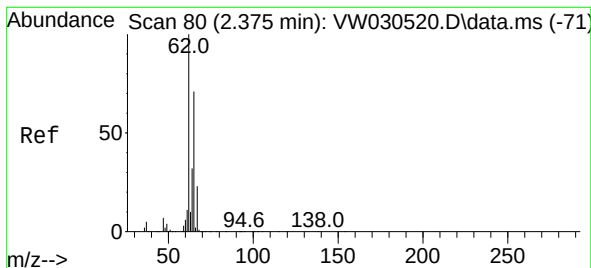
Tgt Ion: 85 Resp: 95825
Ion Ratio Lower Upper
85 100
87 31.5 23.8 35.6



#3
Chloromethane
Concen: 18.808 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion: 50 Resp: 125701
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9





#5

Vinyl chloride

Concen: 18.101 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

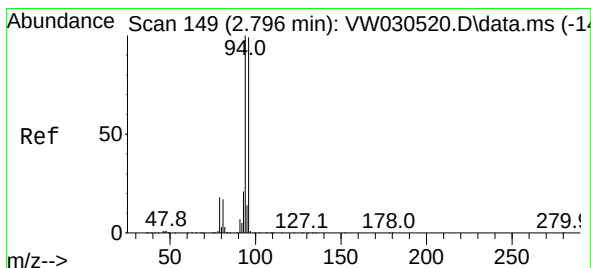
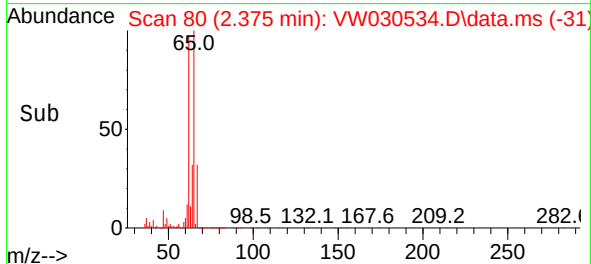
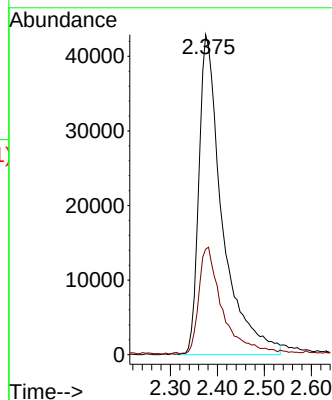
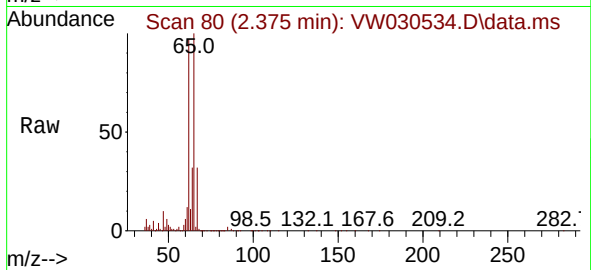
ClientSampleId :

Tgt Ion: 62 Resp: 148770

Ion Ratio Lower Upper

62 100

64 32.9 22.6 42.0



#6

Bromomethane

Concen: 18.447 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.012 min

Lab File: VW030534.D

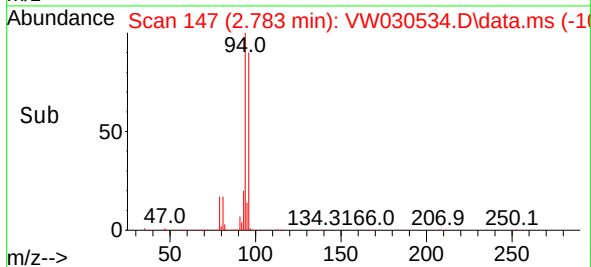
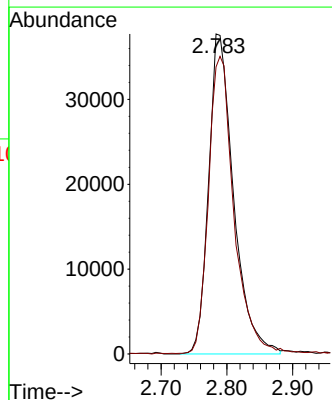
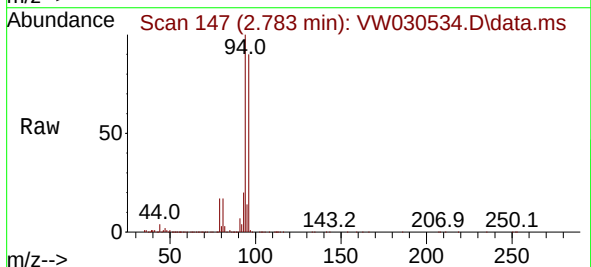
Acq: 11 Oct 2024 01:55

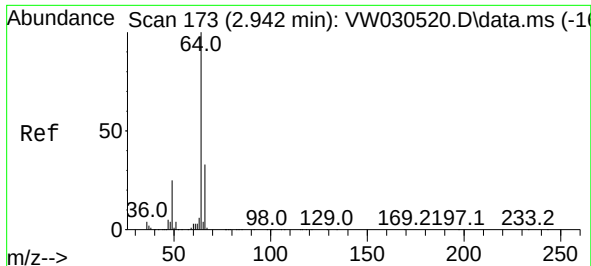
Tgt Ion: 94 Resp: 99791

Ion Ratio Lower Upper

94 100

96 89.7 62.6 116.2

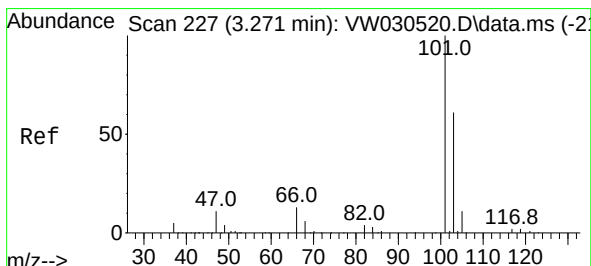
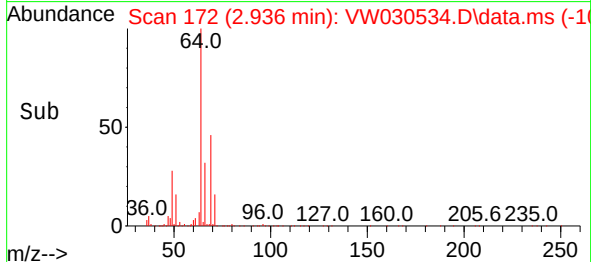
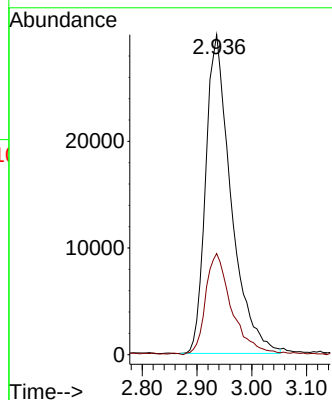
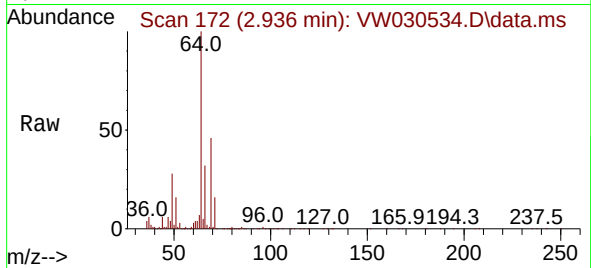




#8
Chloroethane
Concen: 19.109 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

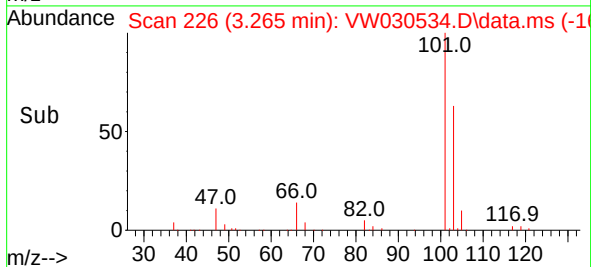
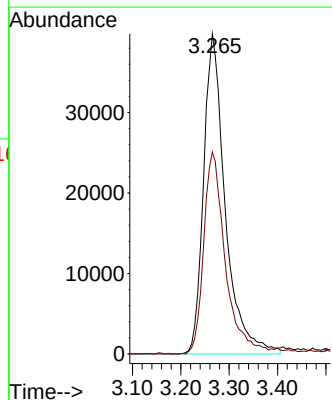
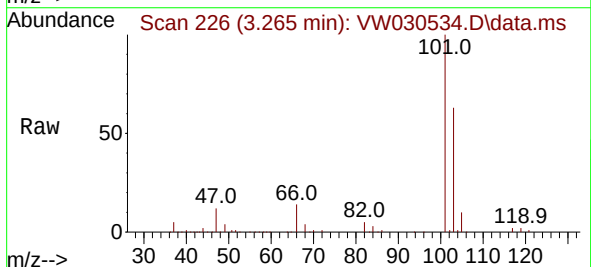
Instrument :
MSVOA_W
ClientSampleId :

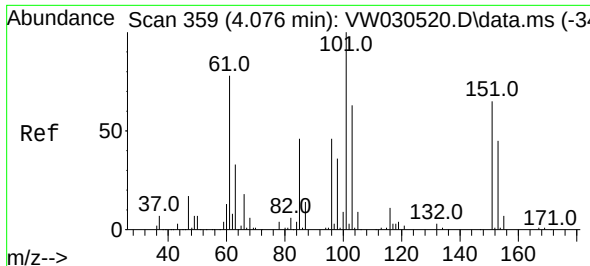
Tgt Ion: 64 Resp: 96008
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.812 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion:101 Resp: 123637
Ion Ratio Lower Upper
101 100
103 61.7 51.1 76.7





#10

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

Concen: 16.510 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

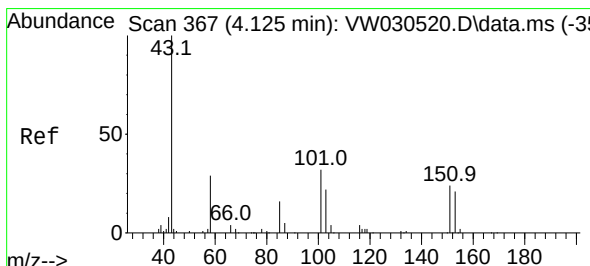
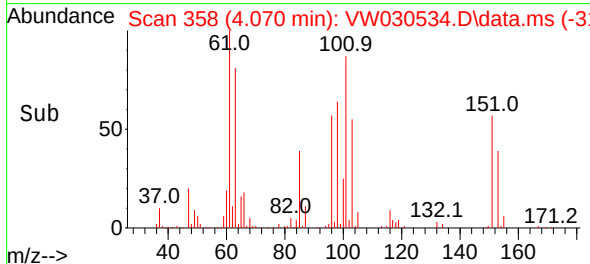
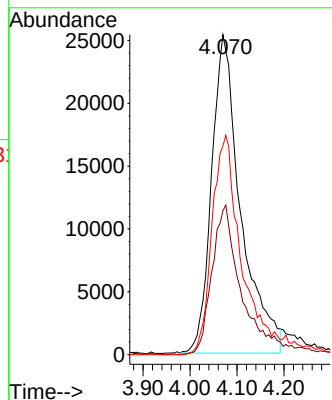
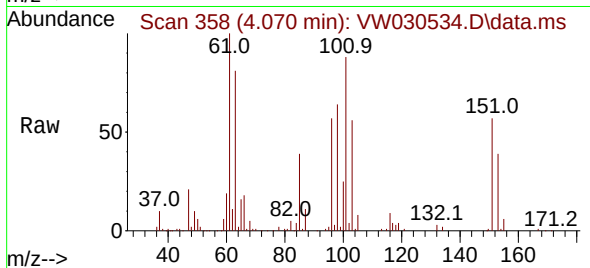
Tgt Ion:101 Resp: 109241

Ion Ratio Lower Upper

101 100

85 46.6 35.7 53.5

151 67.4 56.1 84.1



#13

Acetone

Concen: 22.999 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW030534.D

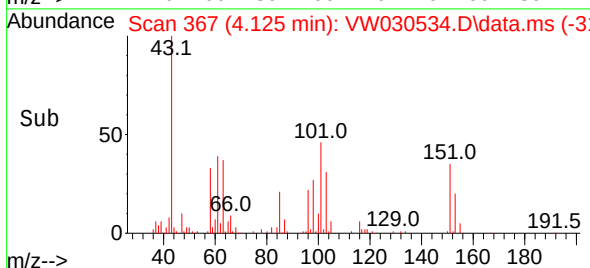
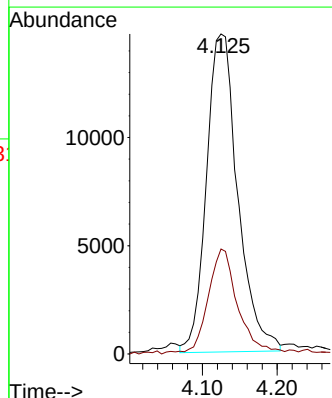
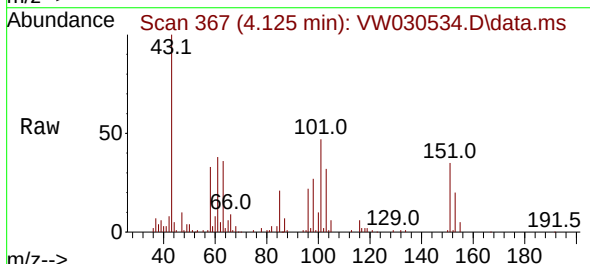
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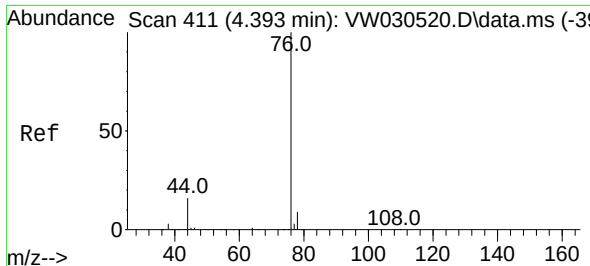
Tgt Ion: 43 Resp: 42868

Ion Ratio Lower Upper

43 100

58 31.0 0.0 57.6

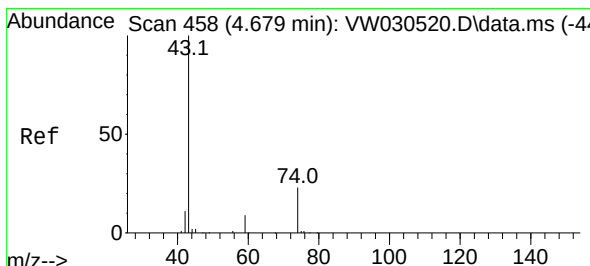
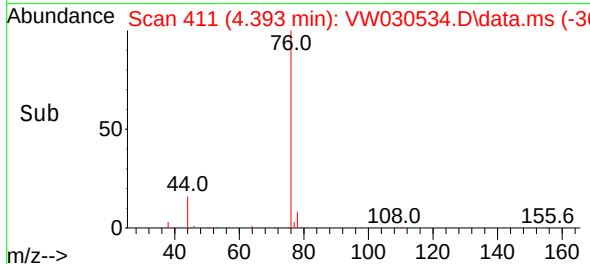
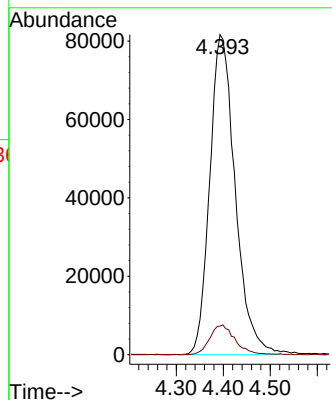
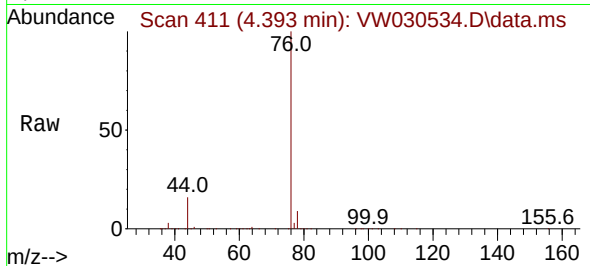




#14
Carbon disulfide
Concen: 15.576 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030534.D
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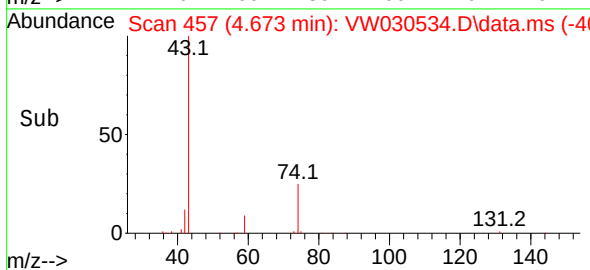
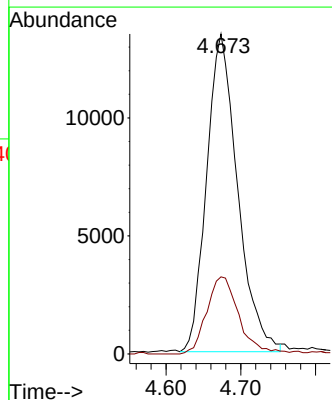
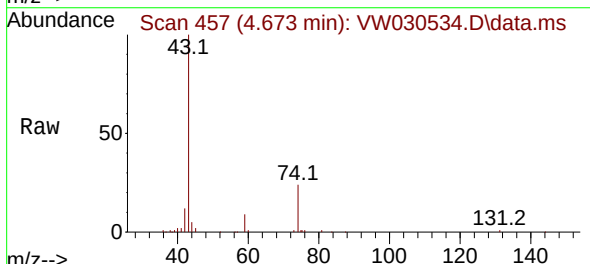
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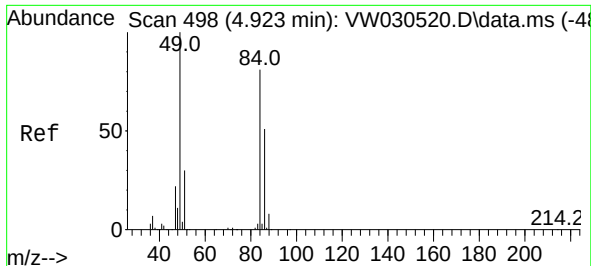
Tgt Ion: 76 Resp: 307146
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#15
Methyl Acetate
Concen: 16.819 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
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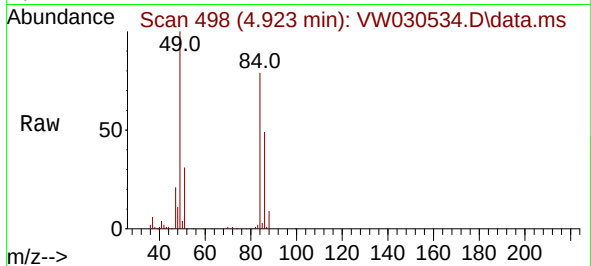
Tgt Ion: 43 Resp: 38725
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9



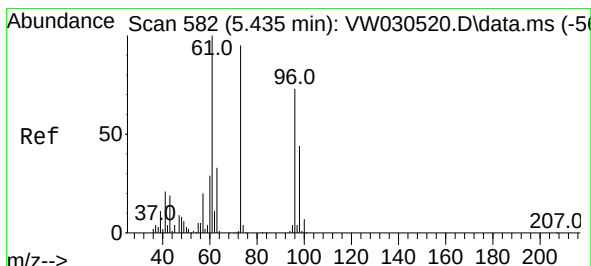
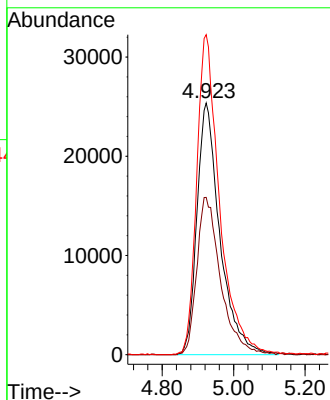
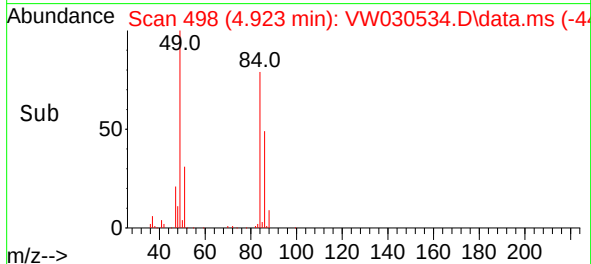


#16
Methylene chloride
Concen: 16.634 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

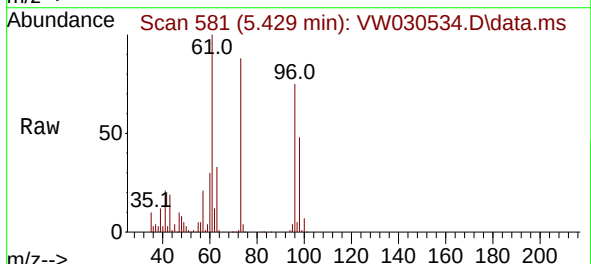
Instrument :
MSVOA_W
ClientSampleId :



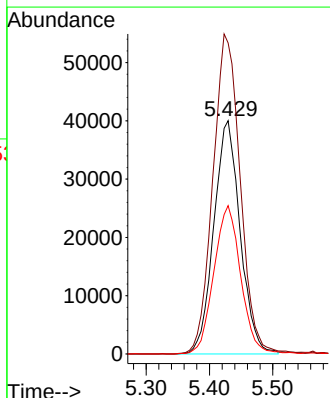
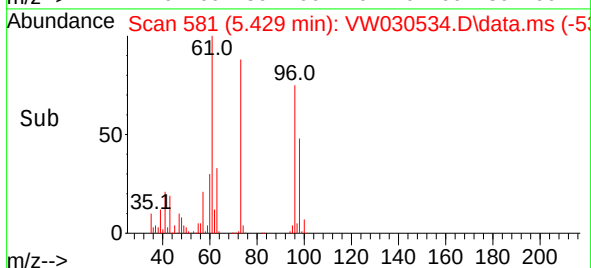
Tgt Ion: 84 Resp: 113181
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 127.1 88.3 164.1

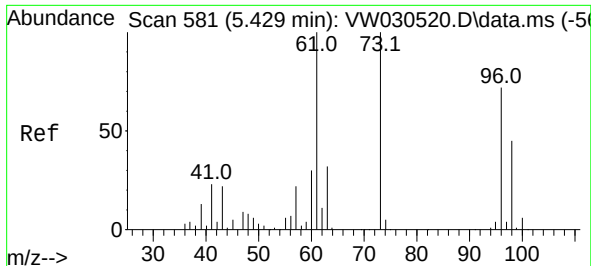


#17
trans-1,2-Dichloroethene
Concen: 17.742 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55



Tgt Ion: 96 Resp: 115605
Ion Ratio Lower Upper
96 100
61 133.4 96.9 179.9
98 63.6 42.2 78.4





#18

Methyl tert-butyl Ether

Concen: 18.129 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

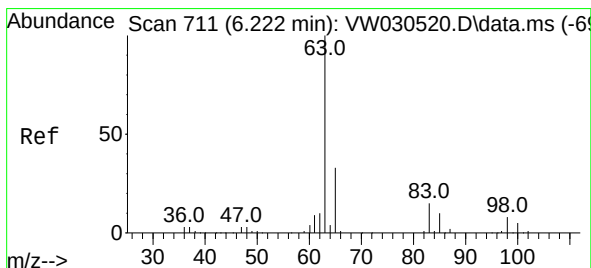
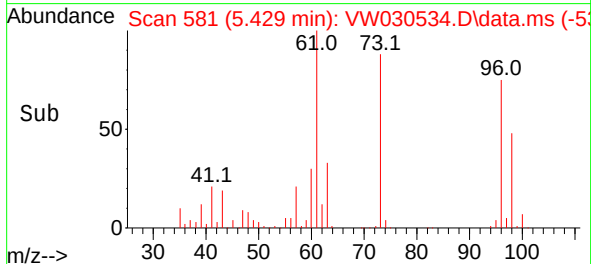
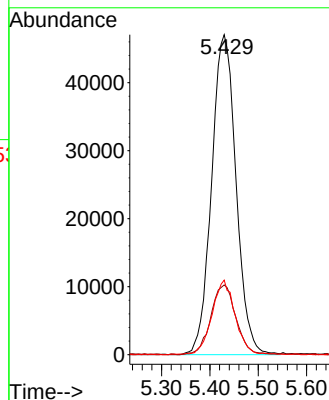
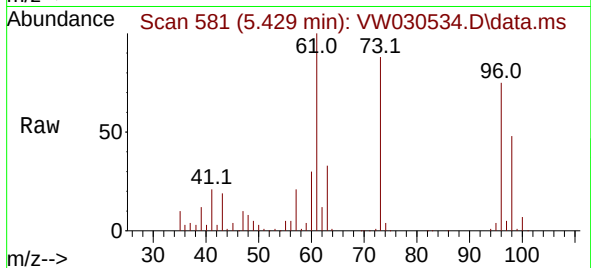
Tgt Ion: 73 Resp: 165322

Ion Ratio Lower Upper

73 100

43 22.4 18.1 27.1

57 21.8 17.7 26.5



#19

1,1-Dichloroethane

Concen: 18.123 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

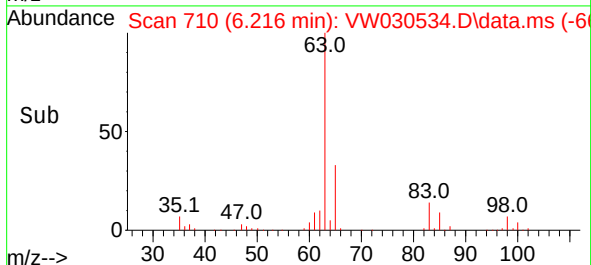
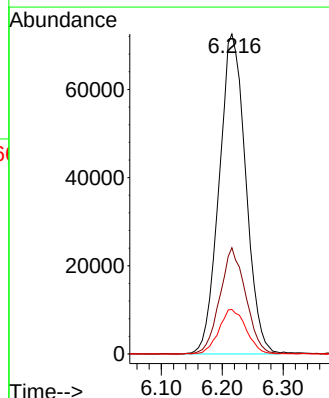
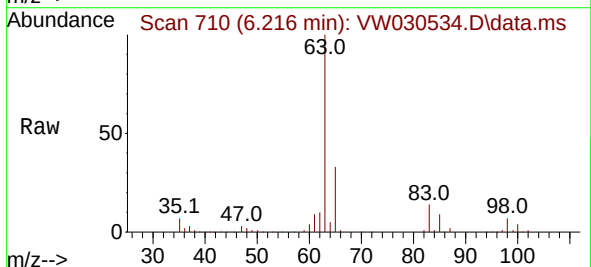
Tgt Ion: 63 Resp: 219477

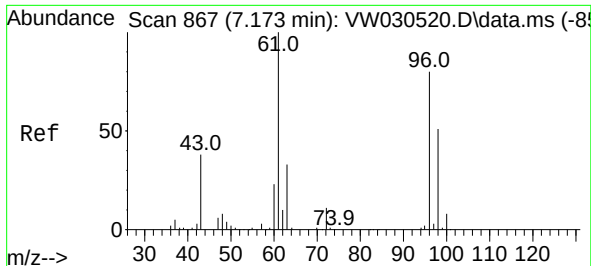
Ion Ratio Lower Upper

63 100

65 33.2 22.5 41.9

83 13.9 9.8 18.2

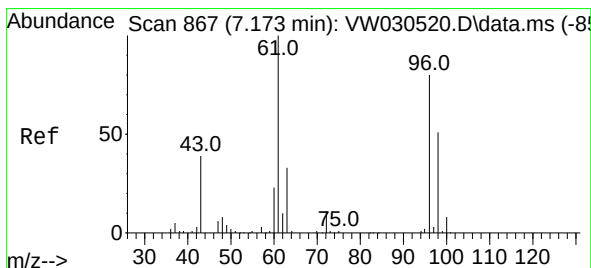
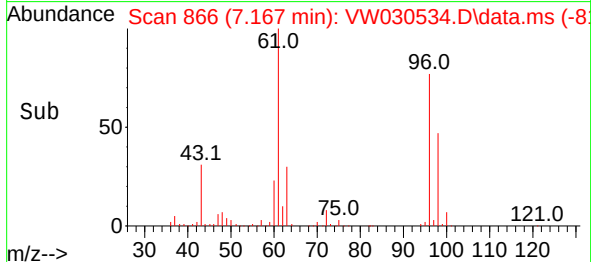
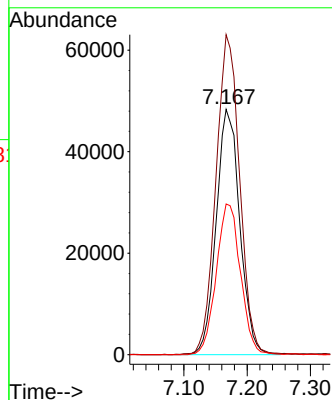
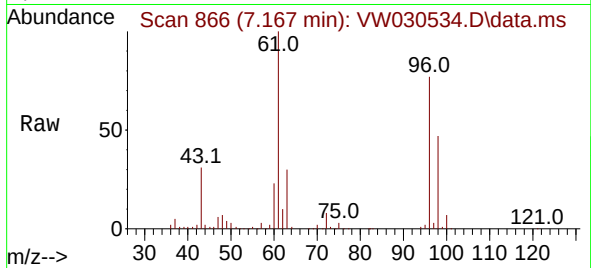




#20
 cis-1,2-Dichloroethene
 Concen: 17.984 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW030534.D
 Acq: 11 Oct 2024 01:55

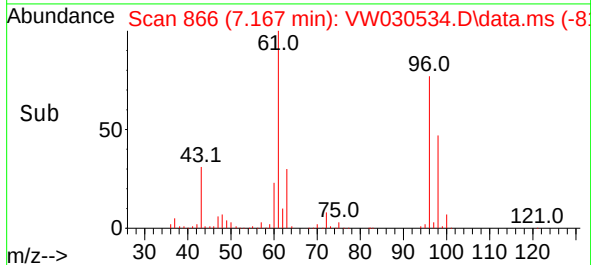
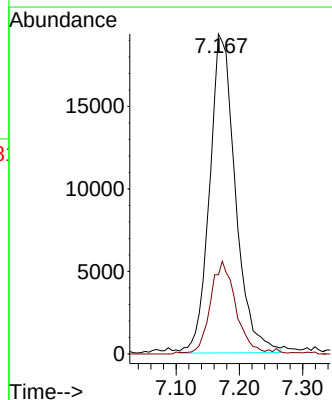
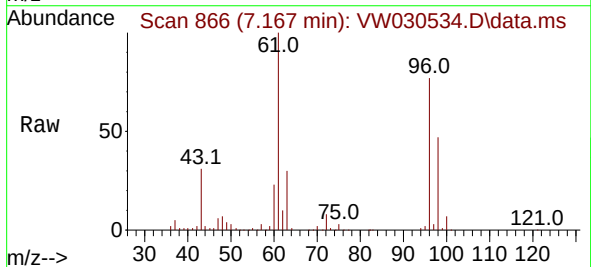
Instrument :
 MSVOA_W
 ClientSampleId :

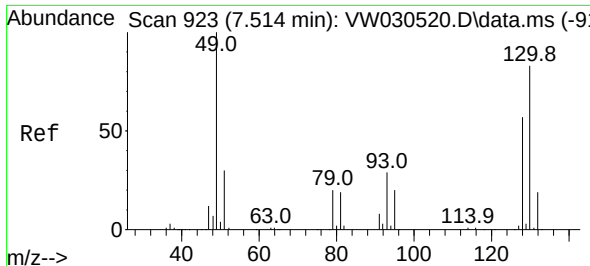
Tgt Ion: 96 Resp: 124986
 Ion Ratio Lower Upper
 96 100
 61 130.5 88.3 163.9
 98 61.5 41.3 76.7



#22
 2-Butanone
 Concen: 27.281 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW030534.D
 Acq: 11 Oct 2024 01:55

Tgt Ion: 43 Resp: 54812
 Ion Ratio Lower Upper
 43 100
 72 28.4 14.4 43.0

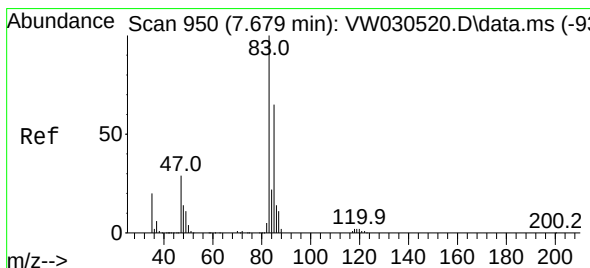
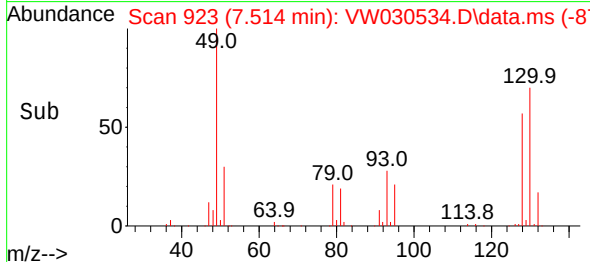
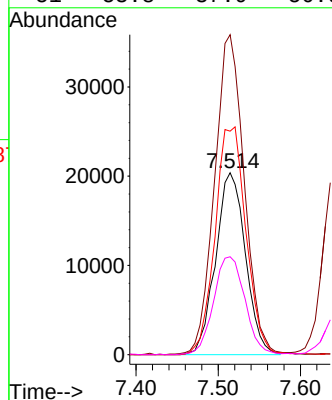
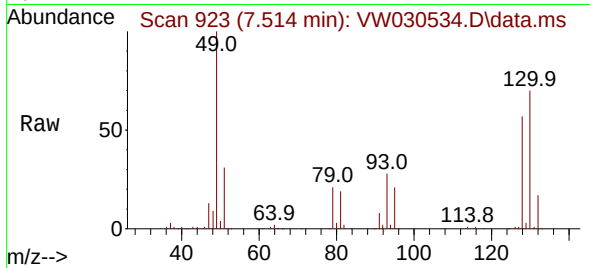




#23
Bromochloromethane
Concen: 16.899 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

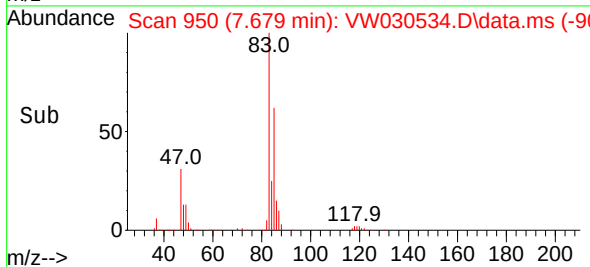
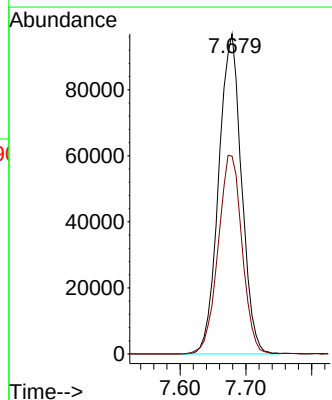
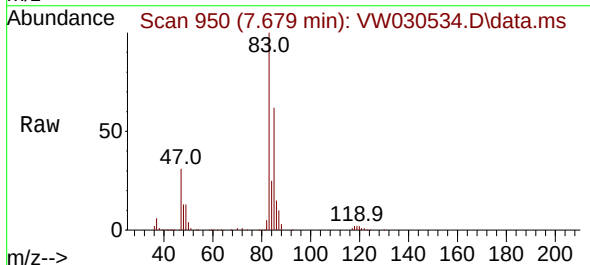
Instrument :
MSVOA_W
ClientSampleId :

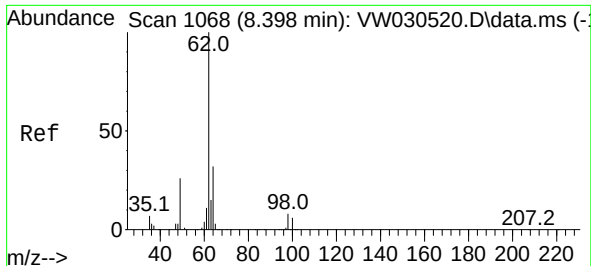
Tgt Ion:128	Resp:	51380
Ion Ratio	Lower	Upper
128	100	
49	175.9	110.1 204.5
130	122.8	82.9 153.9
51	53.8	37.9 56.9



#25
Chloroform
Concen: 18.088 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion: 83	Resp:	234087
Ion Ratio	Lower	Upper
83	100	
85	61.9	45.1 83.7





#27

1,2-Dichloroethane

Concen: 17.138 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

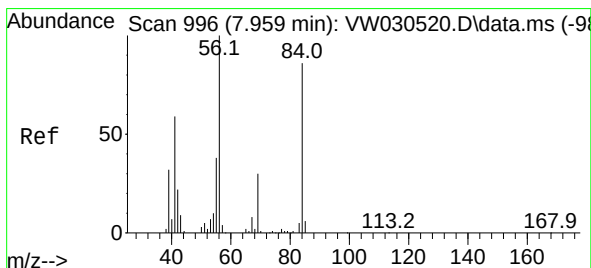
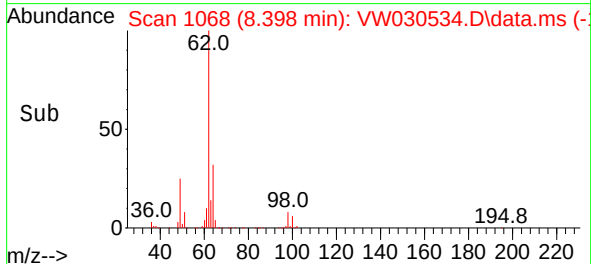
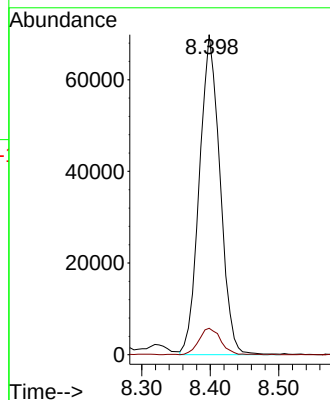
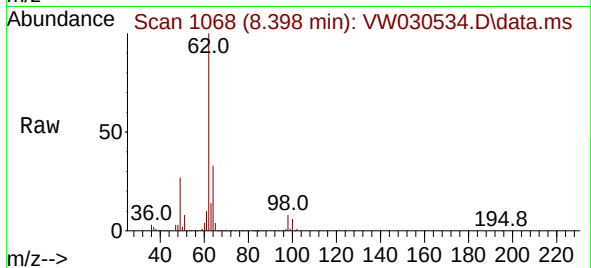
ClientSampleId :

Tgt Ion: 62 Resp: 146323

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6



#29

Cyclohexane

Concen: 19.838 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

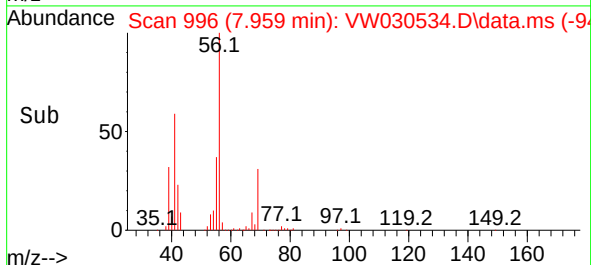
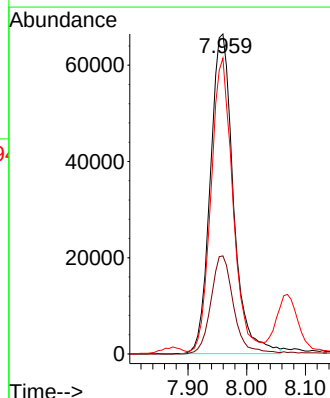
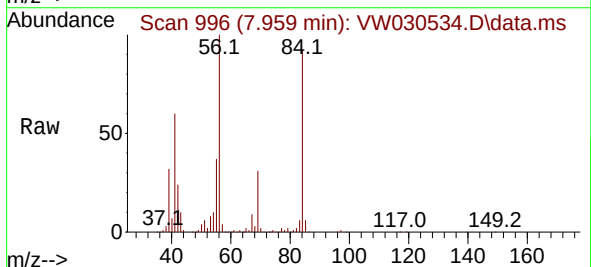
Tgt Ion: 56 Resp: 181590

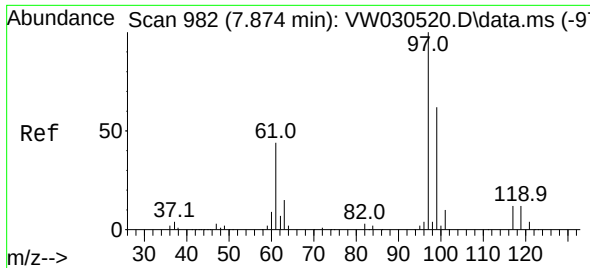
Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

84 87.1 72.3 108.5

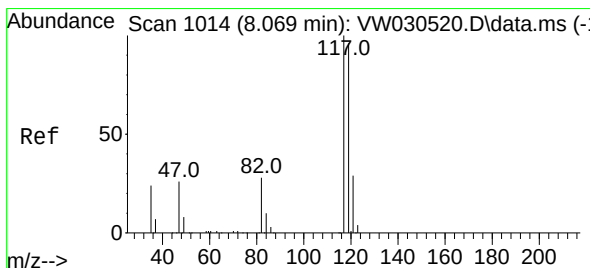
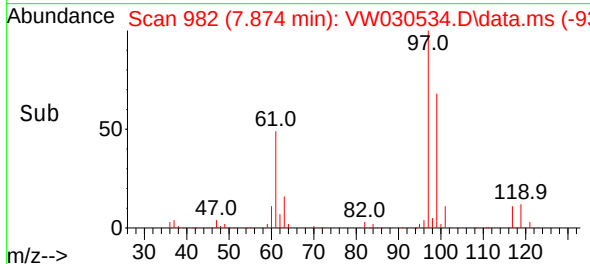
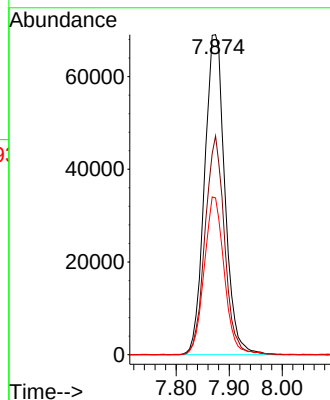
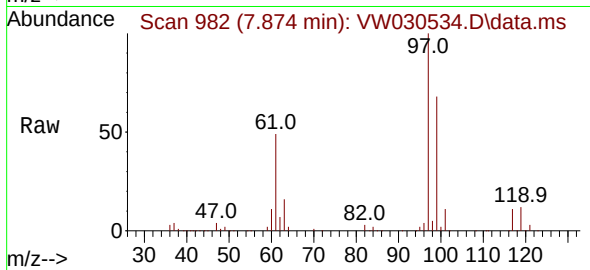




#30
1,1,1-Trichloroethane
Concen: 18.456 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

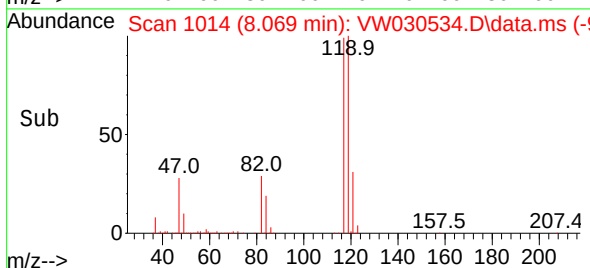
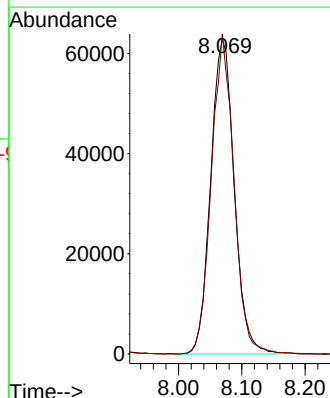
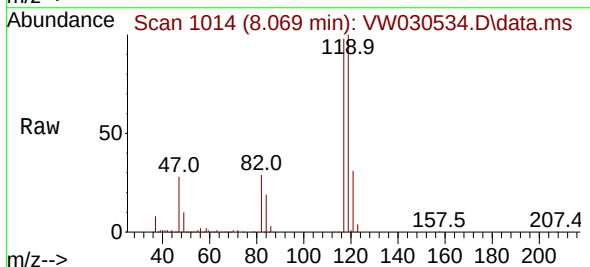
Instrument :
MSVOA_W
ClientSampleId :

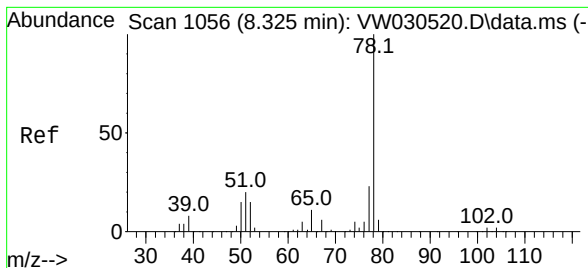
Tgt Ion: 97 Resp: 184235
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 48.1 38.5 57.7



#31
Carbon tetrachloride
Concen: 18.234 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion: 117 Resp: 162565
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8





#33

Benzene

Concen: 20.188 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW030534.D

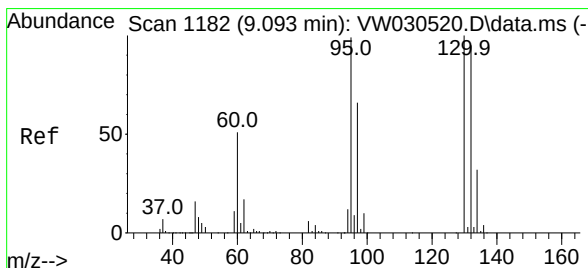
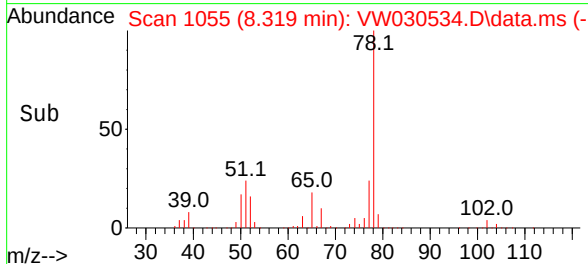
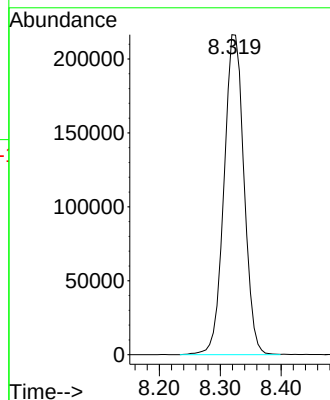
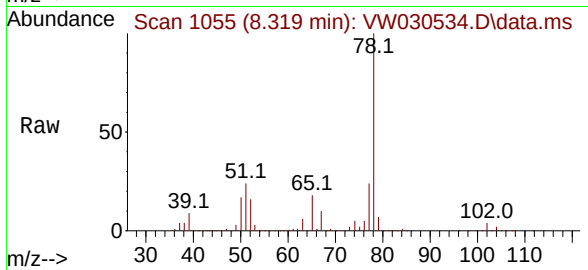
Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 494016



#34

Trichloroethene

Concen: 18.783 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Tgt Ion: 95 Resp: 127876

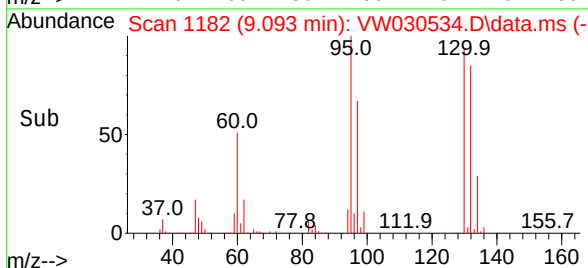
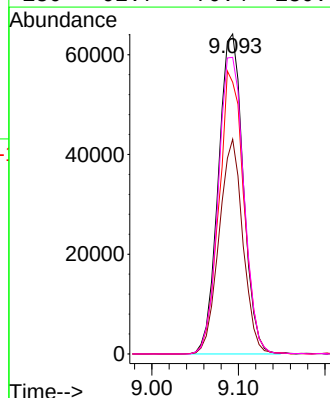
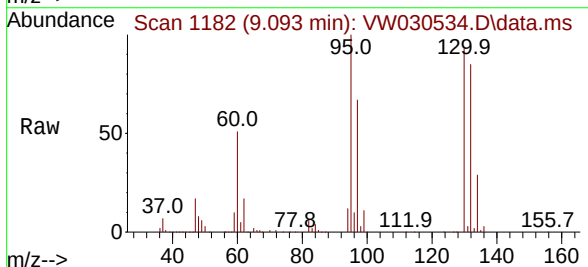
Ion Ratio Lower Upper

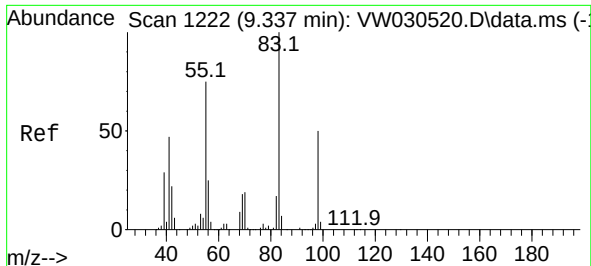
95 100

97 67.1 45.9 85.3

132 84.9 66.4 123.2

130 92.7 70.4 130.8





#35

Methylcyclohexane

Concen: 17.397 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

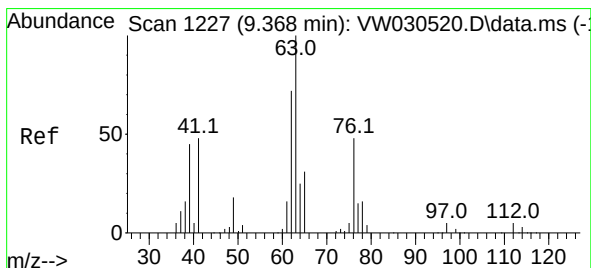
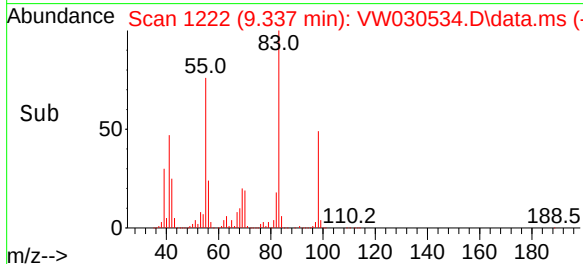
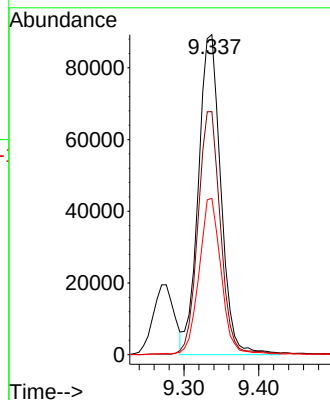
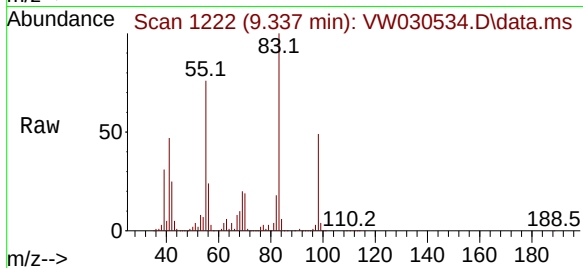
Tgt Ion: 83 Resp: 186399

Ion Ratio Lower Upper

83 100

55 75.2 61.8 92.8

98 46.7 39.3 58.9



#37

1,2-Dichloropropane

Concen: 19.745 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030534.D

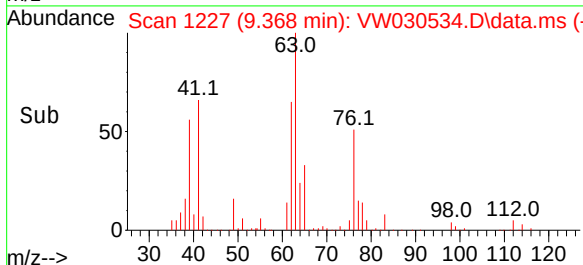
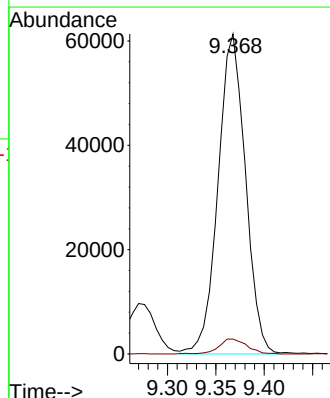
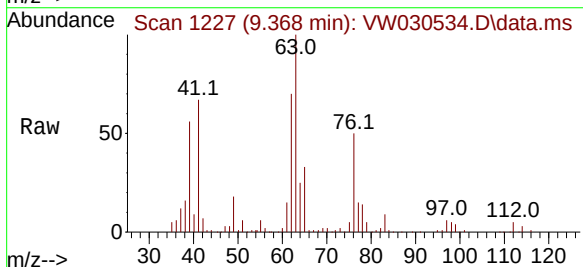
Acq: 11 Oct 2024 01:55

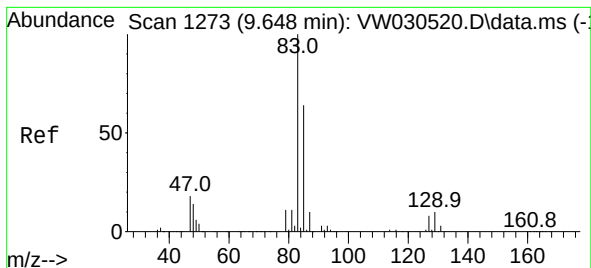
Tgt Ion: 63 Resp: 120673

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5





#38

Bromodichloromethane

Concen: 19.266 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

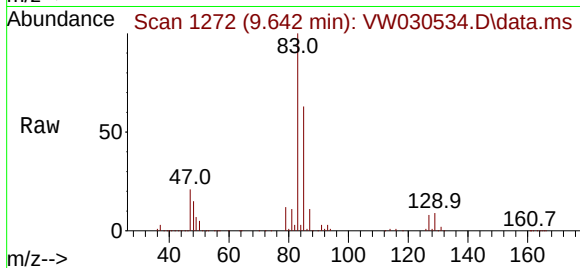
Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :



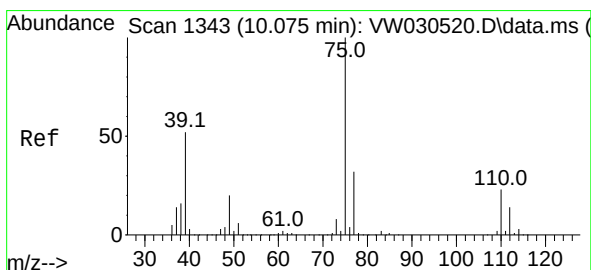
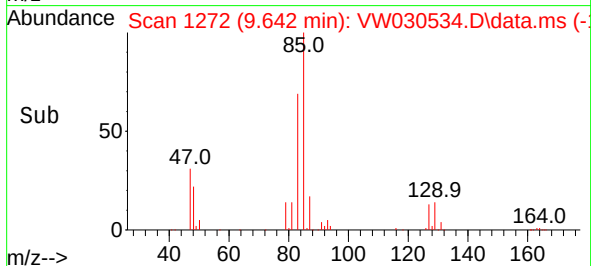
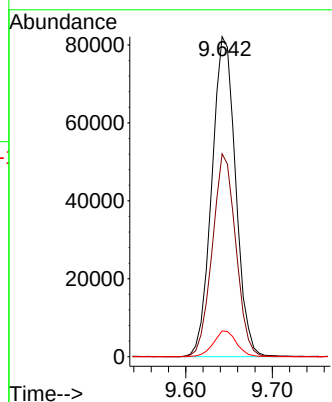
Tgt Ion: 83 Resp: 156660

Ion Ratio Lower Upper

83 100

85 63.4 44.2 82.0

127 8.1 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 19.004 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030534.D

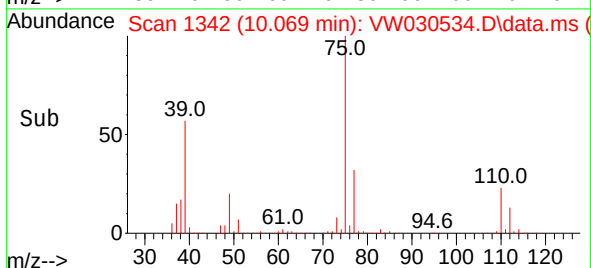
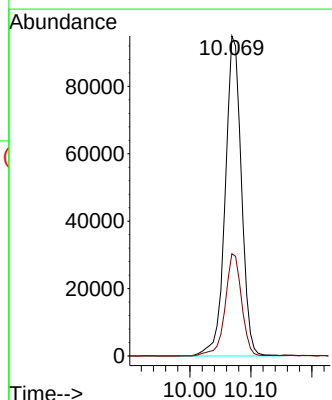
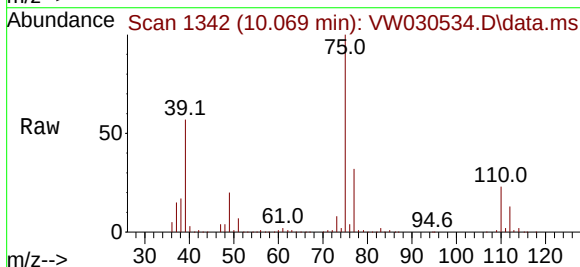
Acq: 11 Oct 2024 01:55

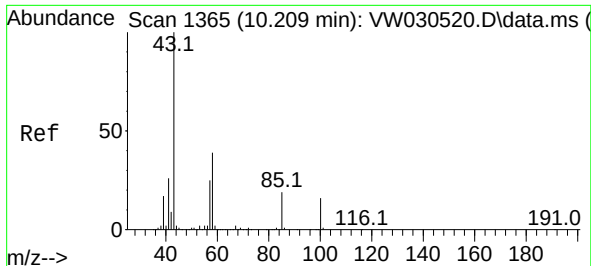
Tgt Ion: 75 Resp: 175193

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 39.946 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

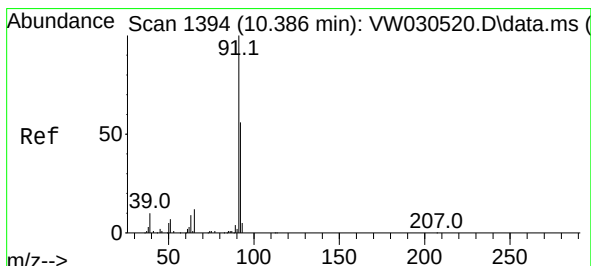
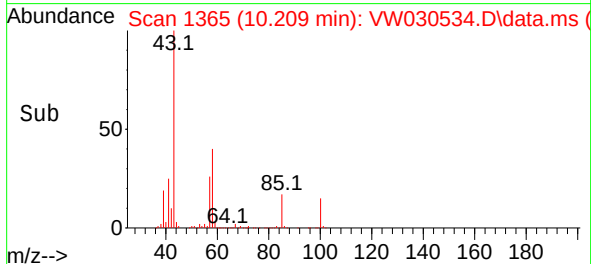
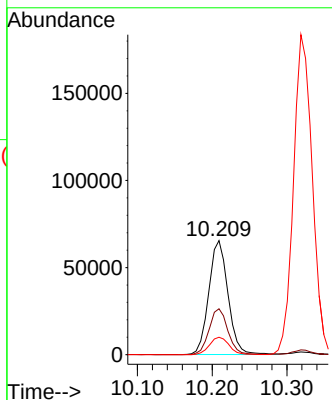
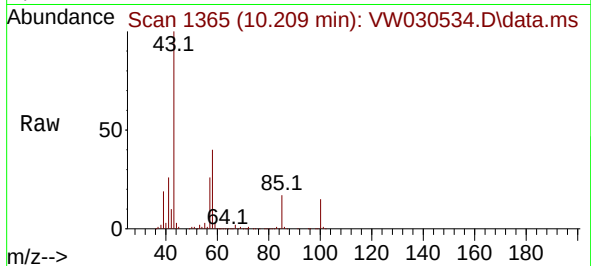
Tgt Ion: 43 Resp: 117285

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 15.7 13.1 19.7



#42

Toluene

Concen: 19.647 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030534.D

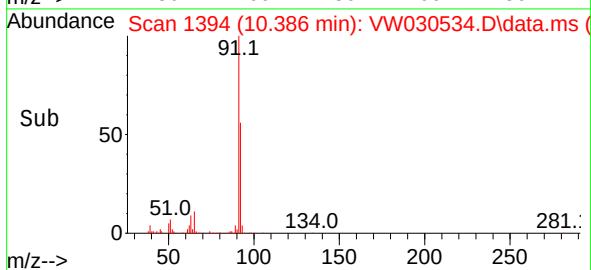
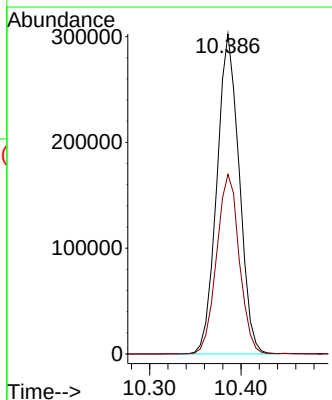
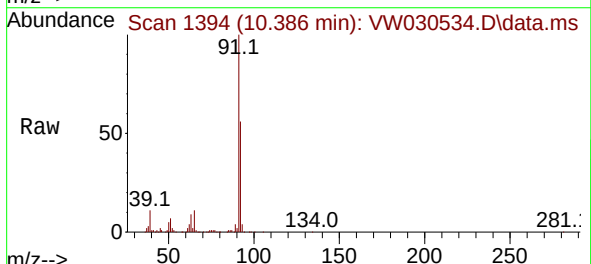
Acq: 11 Oct 2024 01:55

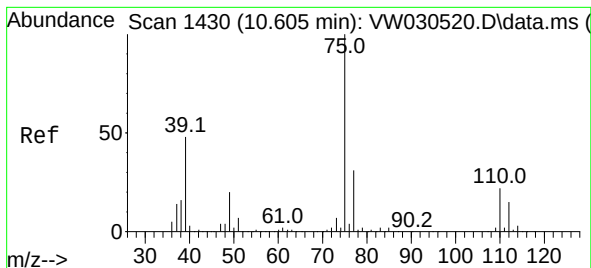
Tgt Ion: 91 Resp: 512926

Ion Ratio Lower Upper

91 100

92 56.2 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 17.947 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

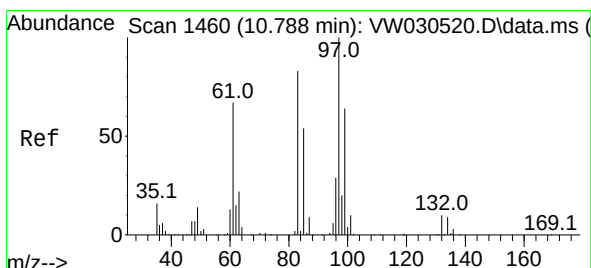
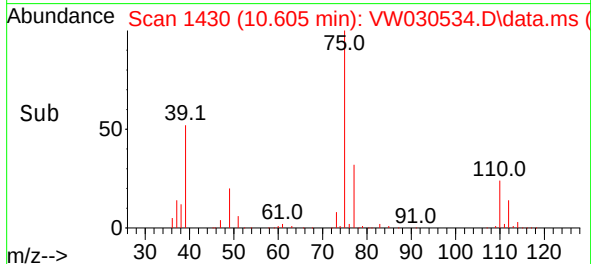
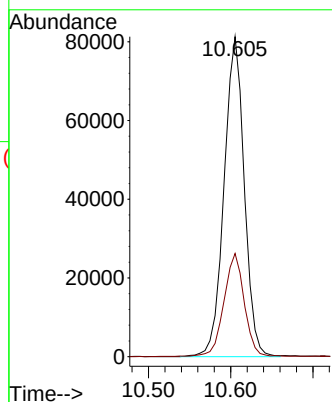
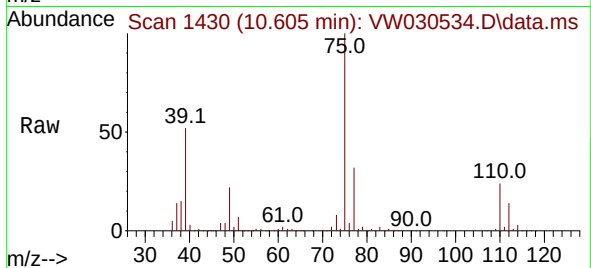
ClientSampleId :

Tgt Ion: 75 Resp: 139032

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 17.998 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Tgt Ion: 97 Resp: 79498

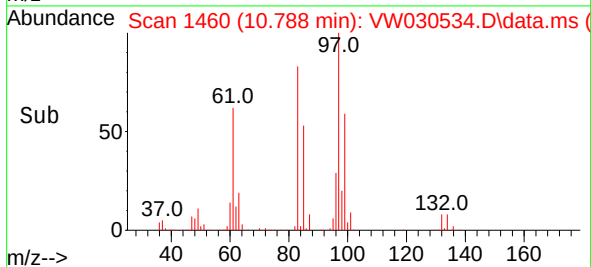
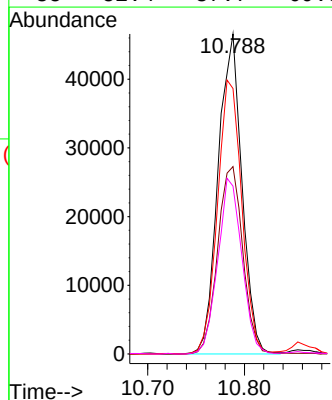
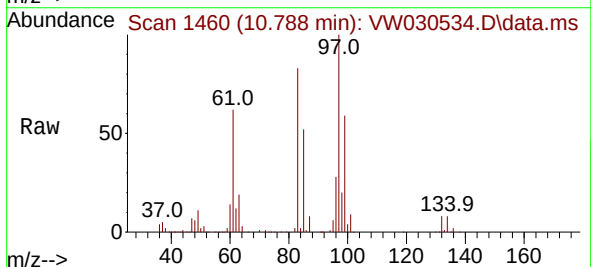
Ion Ratio Lower Upper

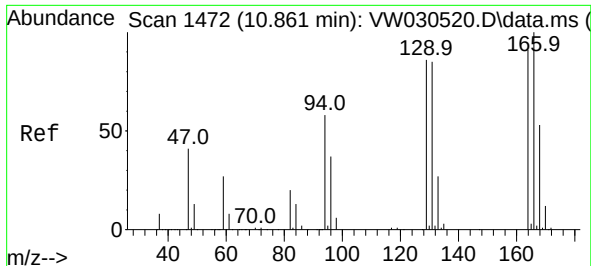
97 100

99 58.6 41.2 76.6

83 82.9 59.6 110.6

85 52.4 37.7 69.9





#46

Tetrachloroethene

Concen: 17.184 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

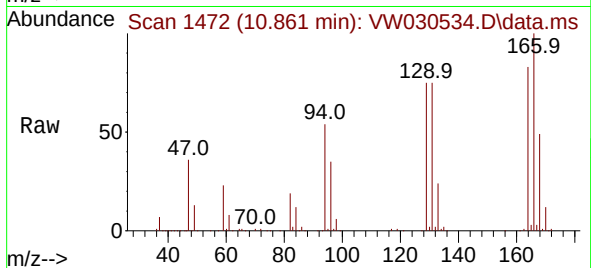
Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 86284

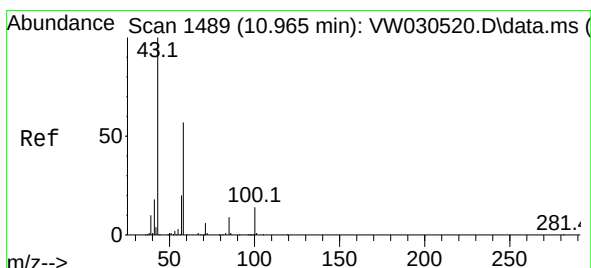
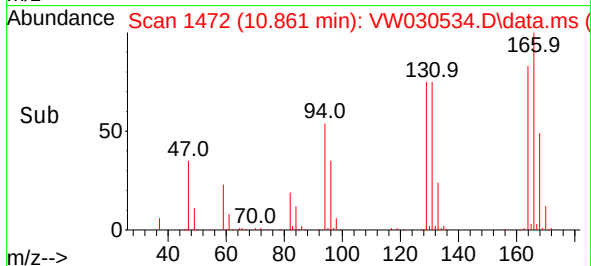
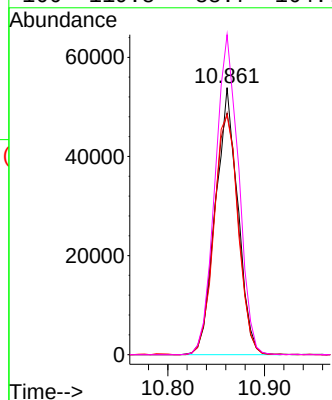
Ion Ratio Lower Upper

164 100

129 90.4 66.6 123.6

131 89.6 63.7 118.3

166 119.8 88.7 164.7



#48

2-Hexanone

Concen: 33.115 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Tgt Ion: 43 Resp: 79512

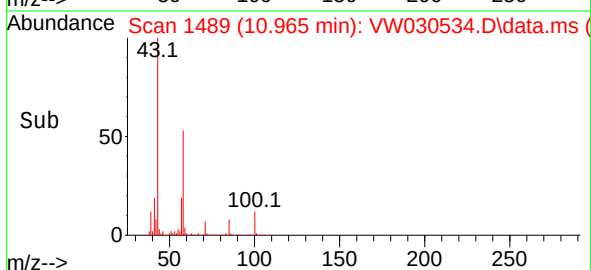
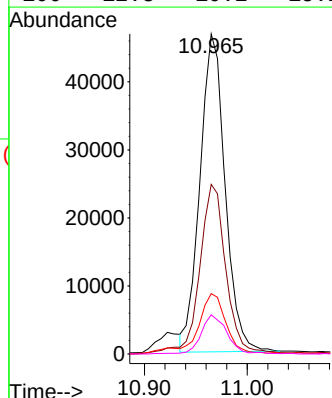
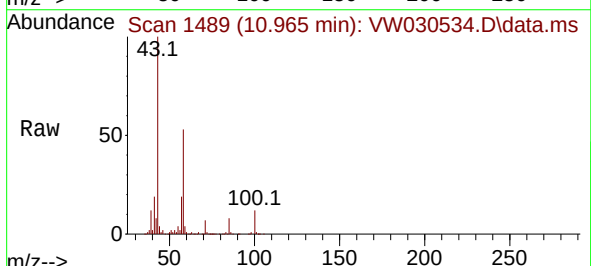
Ion Ratio Lower Upper

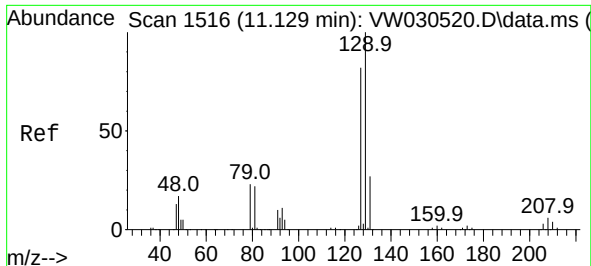
43 100

58 53.6 44.6 67.0

57 19.5 15.8 23.8

100 12.3 10.2 15.2





#49

Dibromochloromethane

Concen: 17.174 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

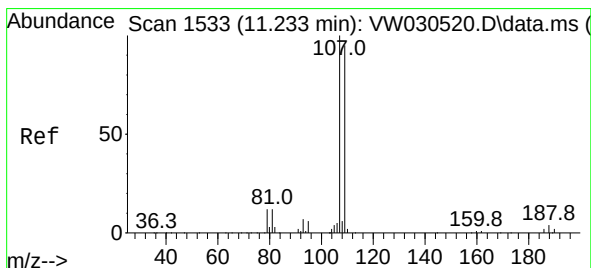
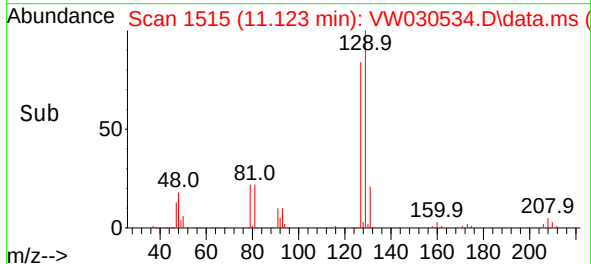
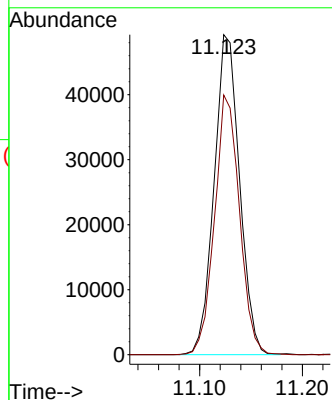
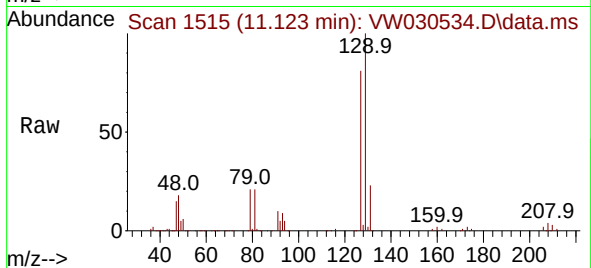
ClientSampleId :

Tgt Ion:129 Resp: 84646

Ion Ratio Lower Upper

129 100

127 81.2 56.5 104.9



#50

1,2-Dibromoethane

Concen: 17.567 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

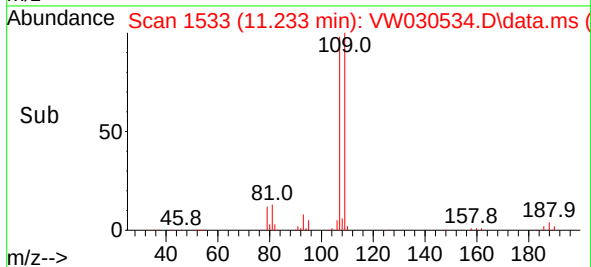
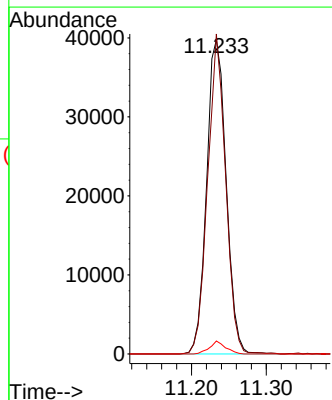
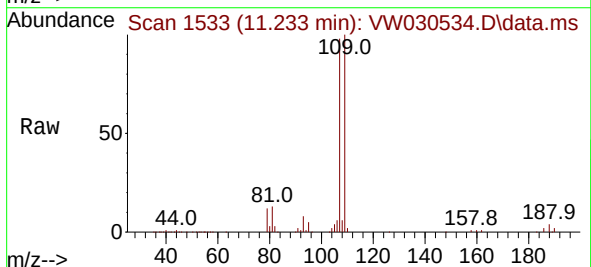
Tgt Ion:107 Resp: 72406

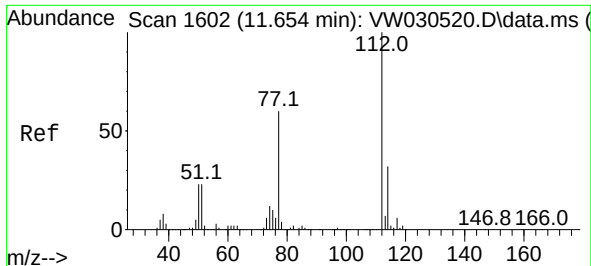
Ion Ratio Lower Upper

107 100

109 101.9 63.8 118.6

188 4.1 2.6 3.8#





#51

Chlorobenzene

Concen: 16.933 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

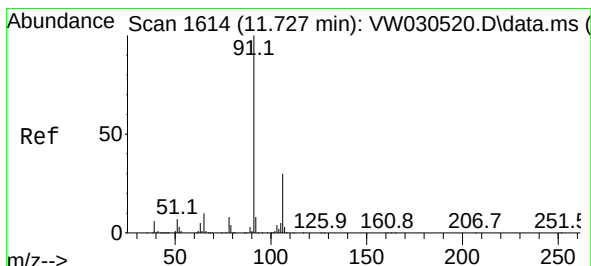
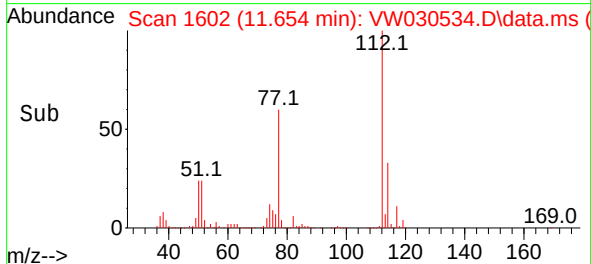
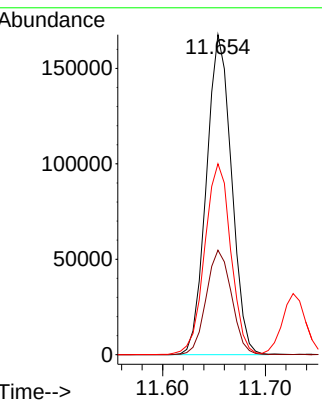
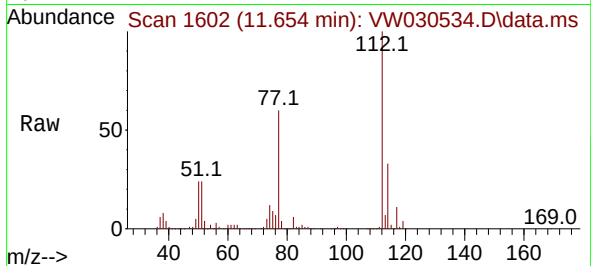
Tgt Ion:112 Resp: 284574

Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 59.7 47.1 70.7



#52

Ethylbenzene

Concen: 18.412 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030534.D

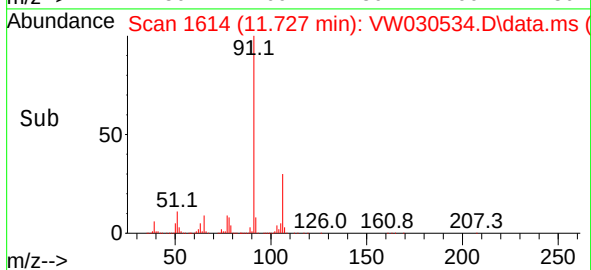
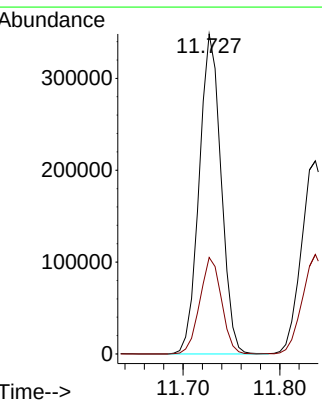
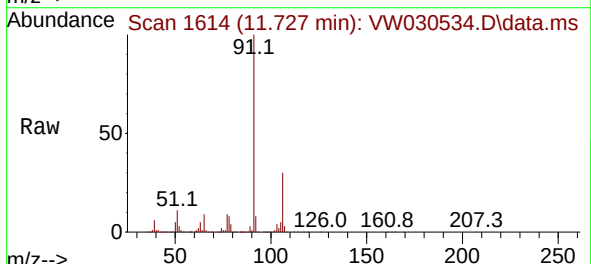
Acq: 11 Oct 2024 01:55

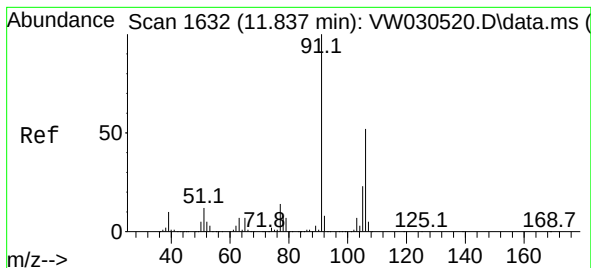
Tgt Ion: 91 Resp: 548498

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1

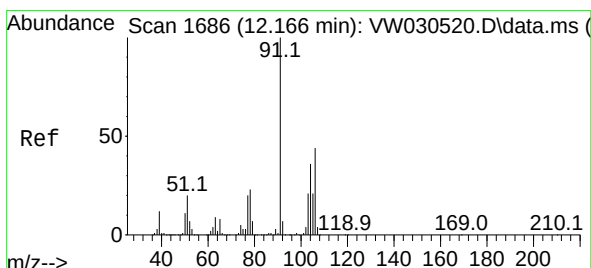
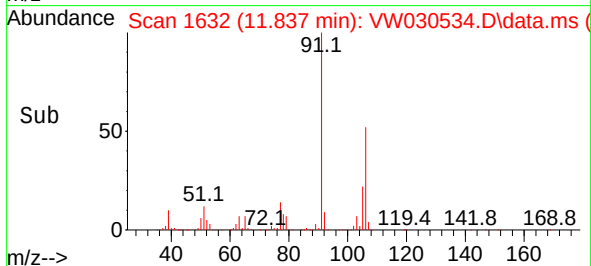
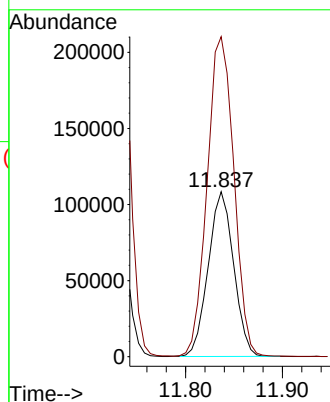
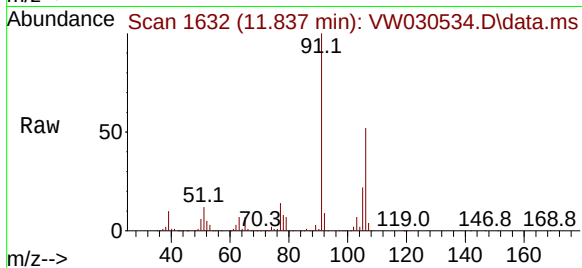




#53
m,p-Xylene
Concen: 17.721 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

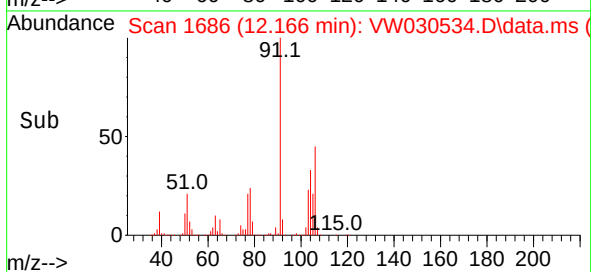
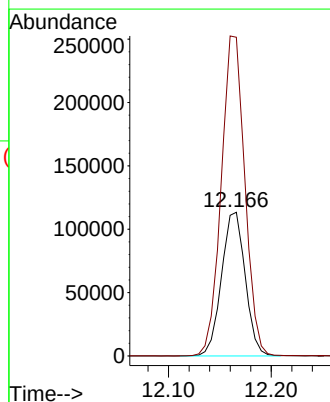
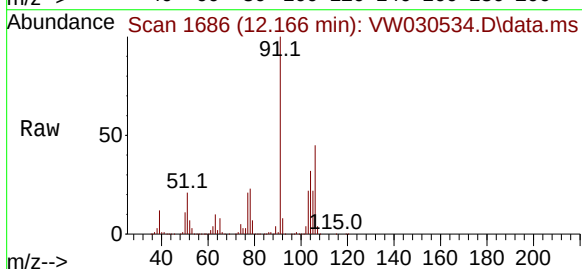
Instrument :
MSVOA_W
ClientSampleId :

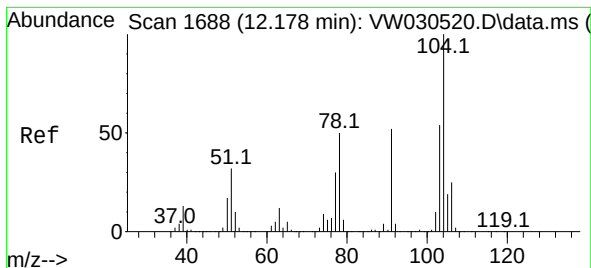
Tgt Ion:106 Resp: 197775
Ion Ratio Lower Upper
106 100
91 194.1 140.6 261.2



#54
o-Xylene
Concen: 17.590 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion:106 Resp: 181493
Ion Ratio Lower Upper
106 100
91 221.9 144.5 268.4





#55

Styrene

Concen: 14.399 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

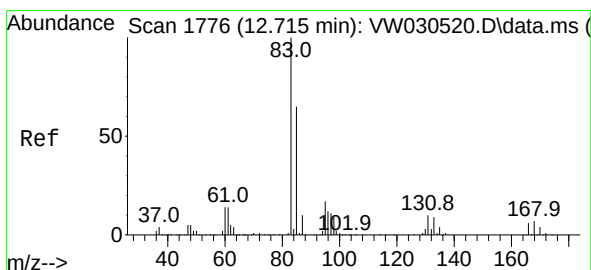
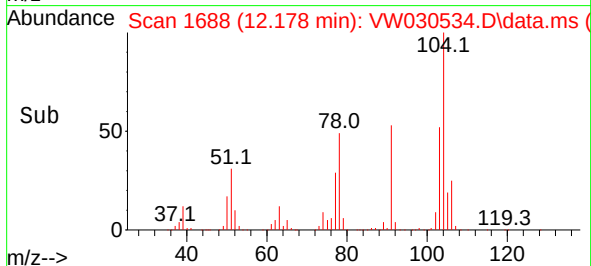
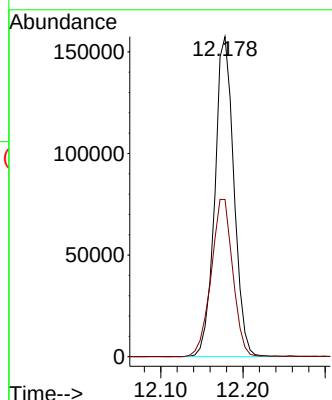
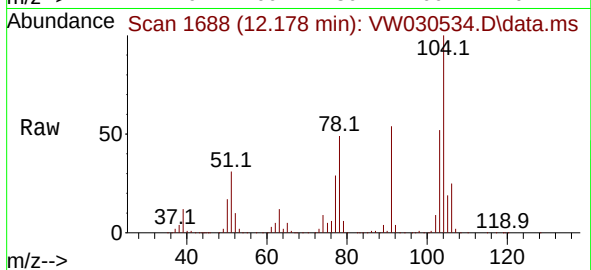
ClientSampleId :

Tgt Ion:104 Resp: 253982

Ion Ratio Lower Upper

104 100

78 49.2 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 15.816 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

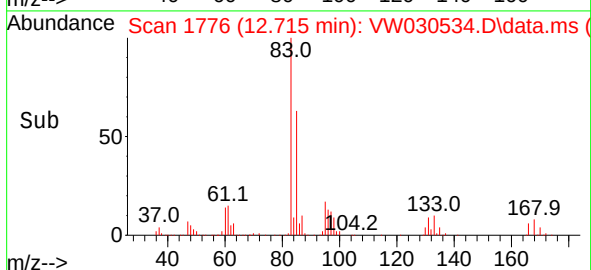
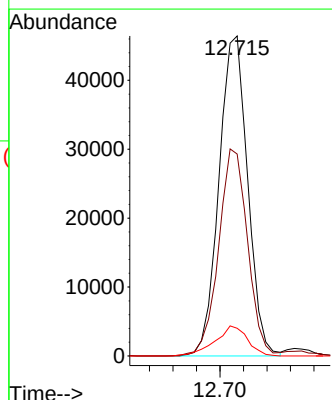
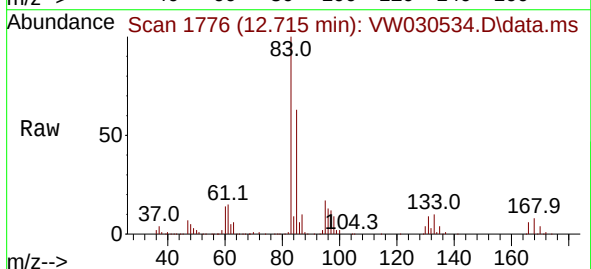
Tgt Ion: 83 Resp: 78783

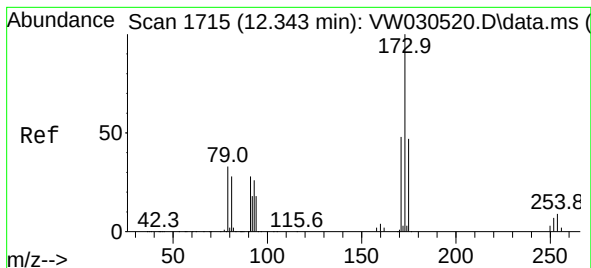
Ion Ratio Lower Upper

83 100

85 63.1 42.6 79.2

131 8.7 7.4 11.0





#59

Bromoform

Concen: 22.574 ug/L

RT: 12.349 min Scan# 1715

Delta R.T. 0.006 min

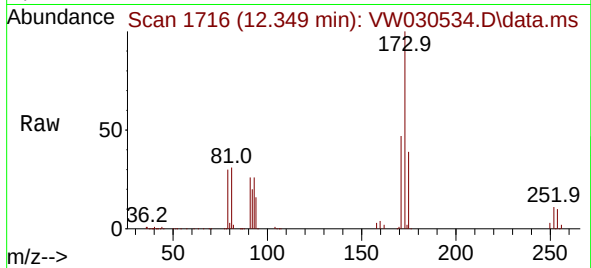
Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :



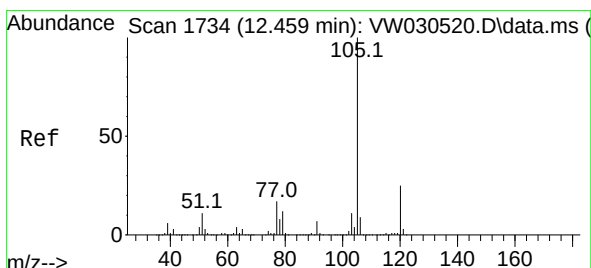
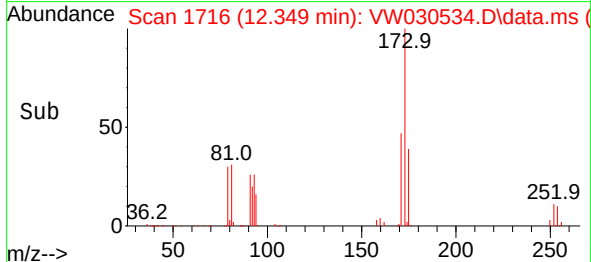
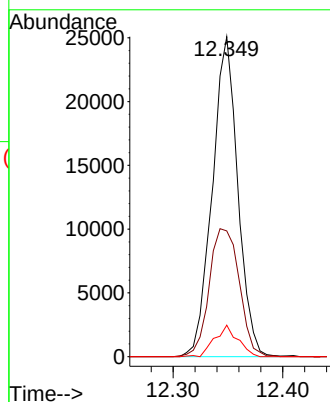
Tgt Ion:173 Resp: 40602

Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.4

254 8.8 7.7 11.5



#60

Isopropylbenzene

Concen: 24.967 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

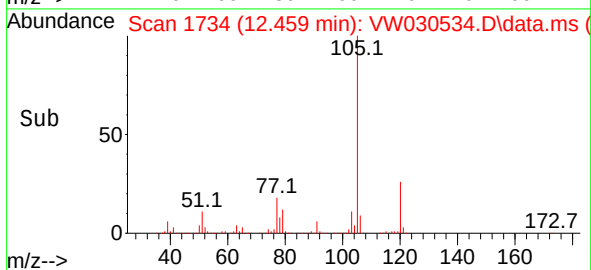
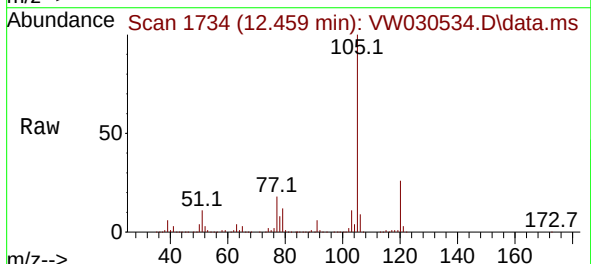
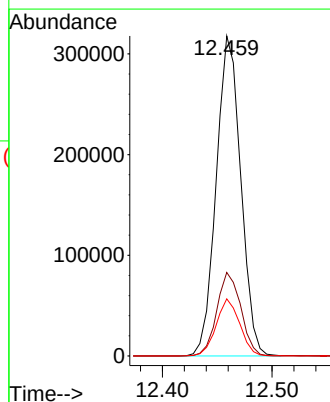
Tgt Ion:105 Resp: 494968

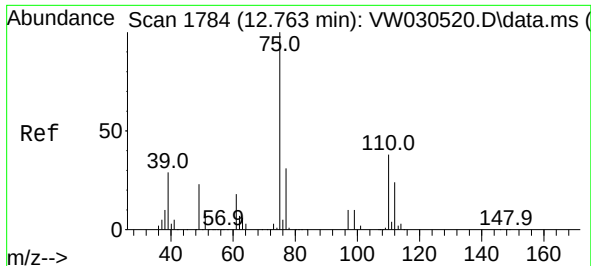
Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 17.1 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 23.332 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030534.D

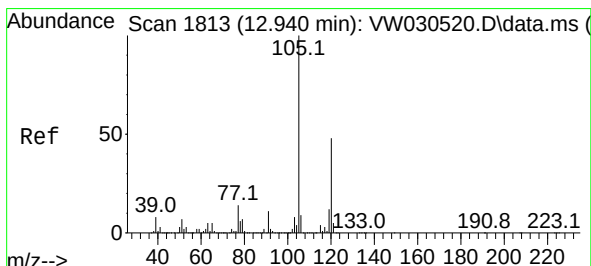
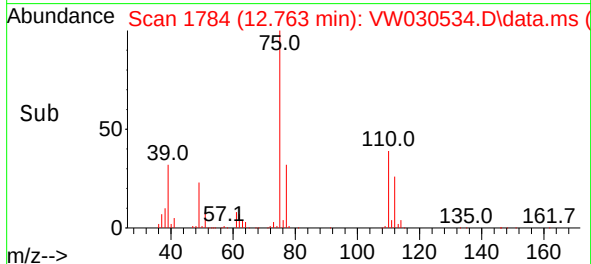
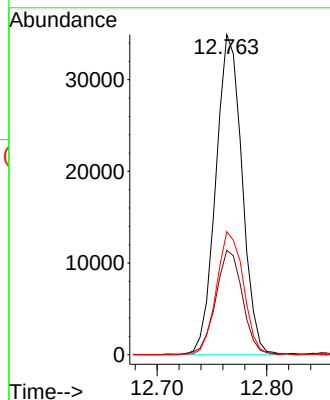
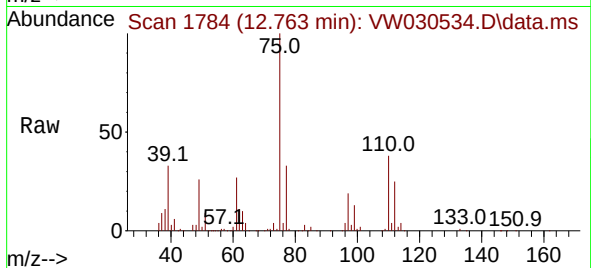
Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	58121
Ion Ratio	Lower	Upper	
75	100		
77	33.4	25.7	38.5
110	39.2	32.3	48.5



#62

1,3,5-Trimethylbenzene

Concen: 22.614 ug/L

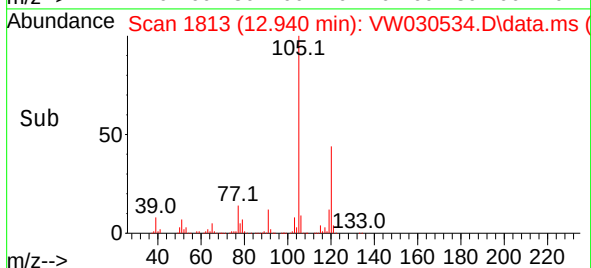
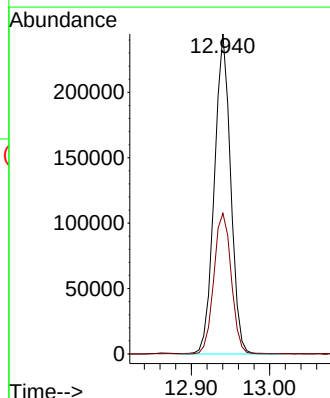
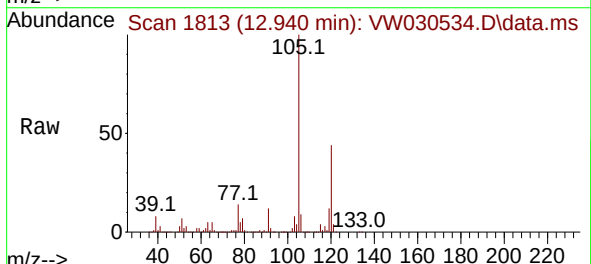
RT: 12.940 min Scan# 1813

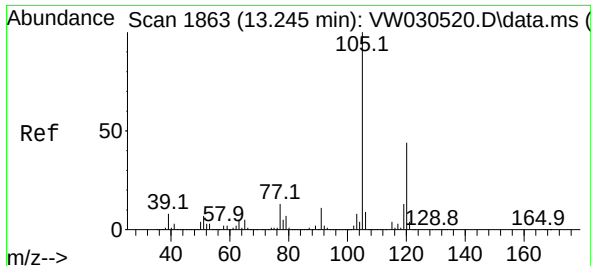
Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Tgt Ion:	105	Resp:	353690
Ion Ratio	Lower	Upper	
105	100		
120	46.9	38.0	57.0





#63

1,2,4-Trimethylbenzene

Concen: 22.299 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

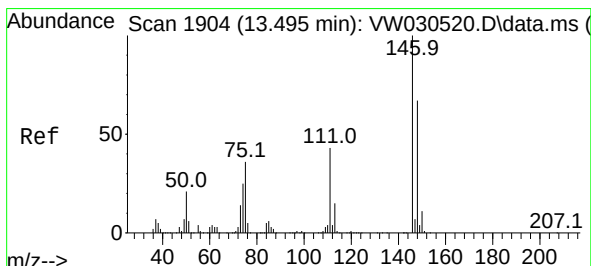
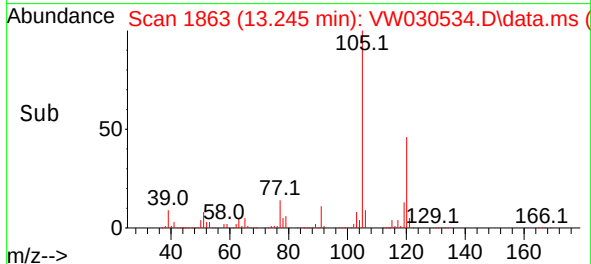
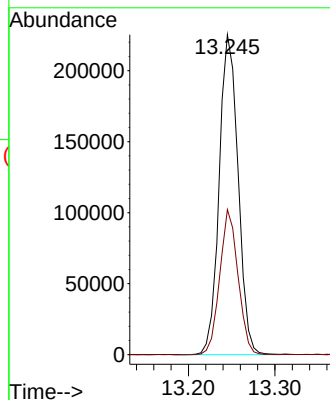
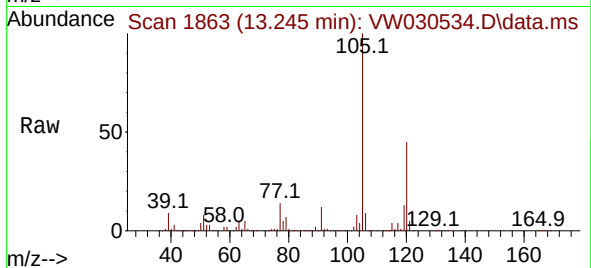
ClientSampleId :

Tgt Ion:105 Resp: 341470

Ion Ratio Lower Upper

105 100

120 43.9 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 18.129 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

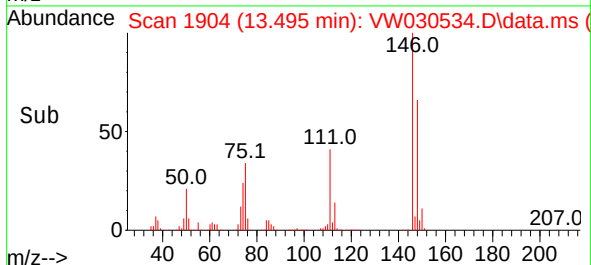
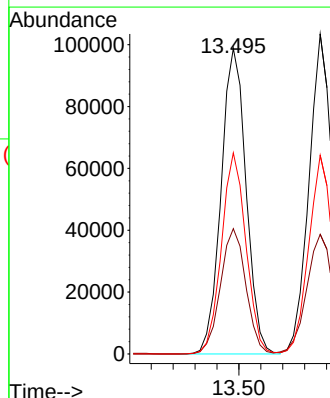
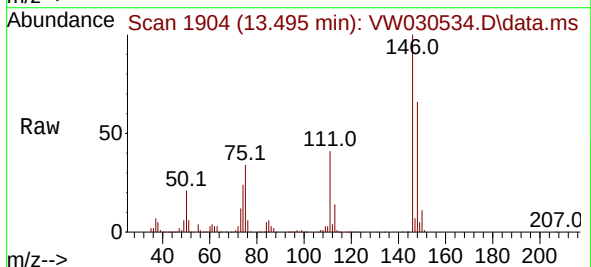
Tgt Ion:146 Resp: 156442

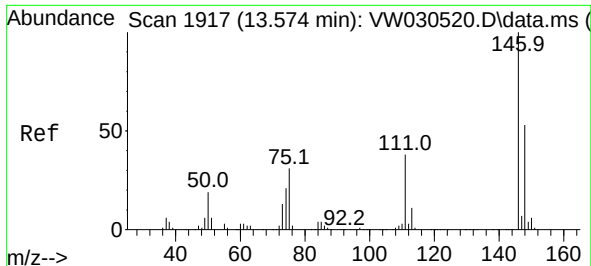
Ion Ratio Lower Upper

146 100

111 41.0 31.2 58.0

148 65.8 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 17.600 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :

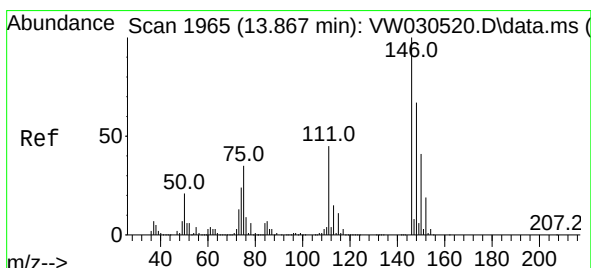
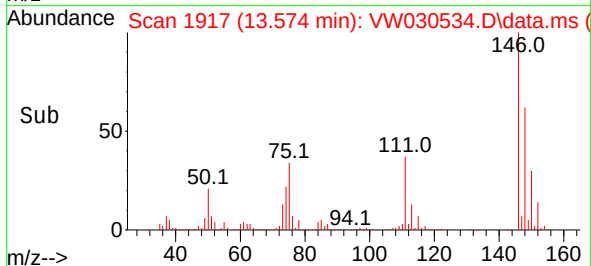
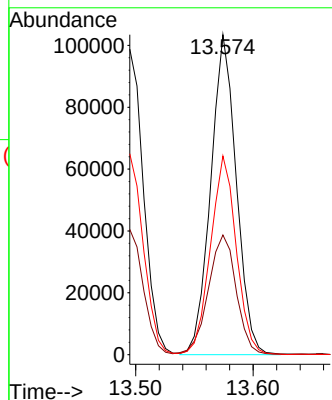
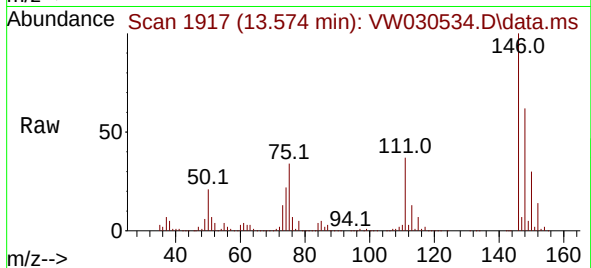
Tgt Ion:146 Resp: 156819

Ion Ratio Lower Upper

146 100

111 37.4 26.8 49.8

148 62.1 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 16.751 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

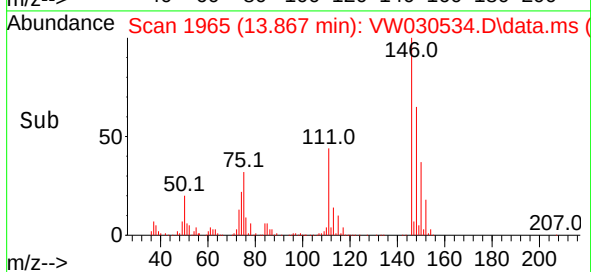
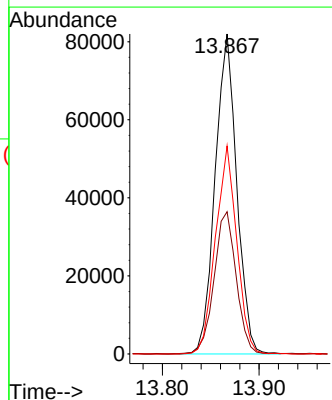
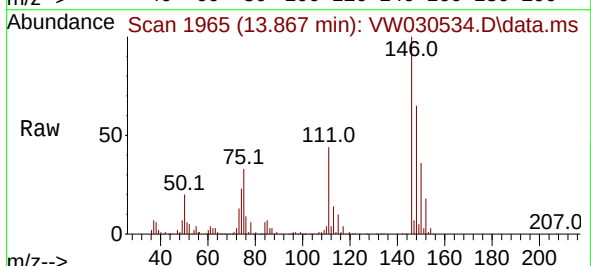
Tgt Ion:146 Resp: 127195

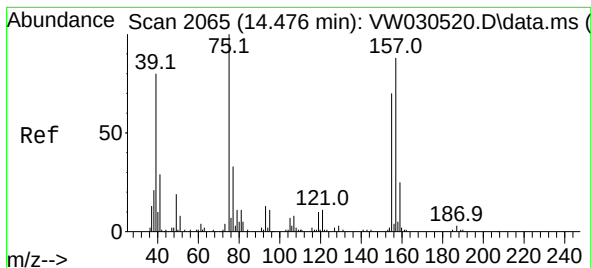
Ion Ratio Lower Upper

146 100

111 44.4 34.6 52.0

148 65.0 53.3 79.9

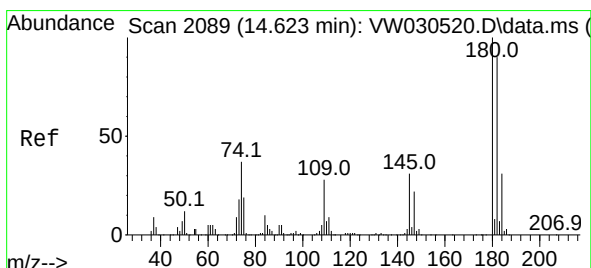
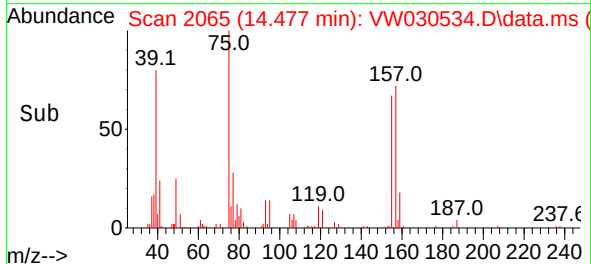
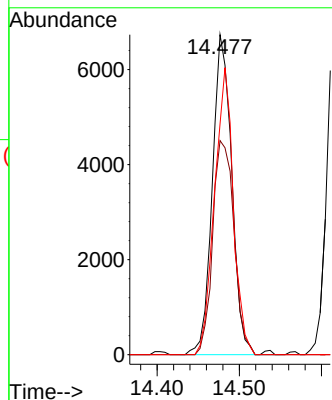
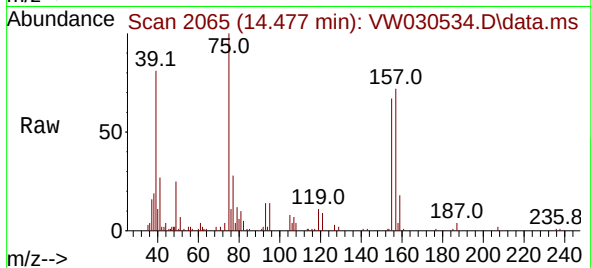




#68
1,2-Dibromo-3-chloropropane
Concen: 19.928 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

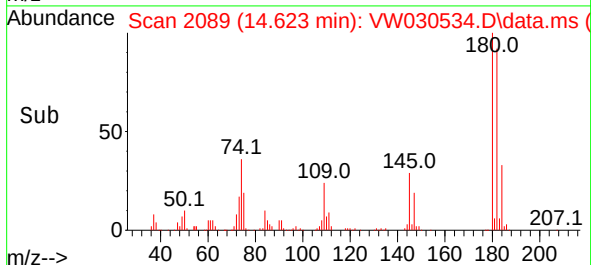
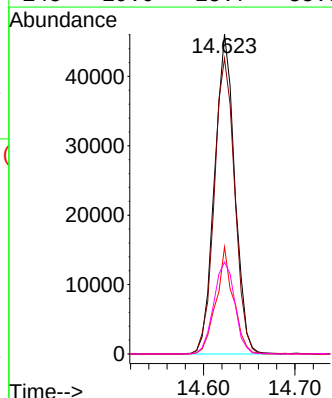
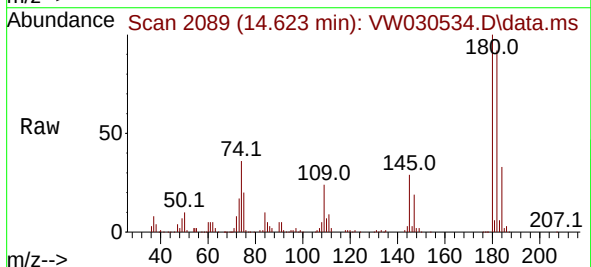
Instrument :
MSVOA_W
ClientSampleId :

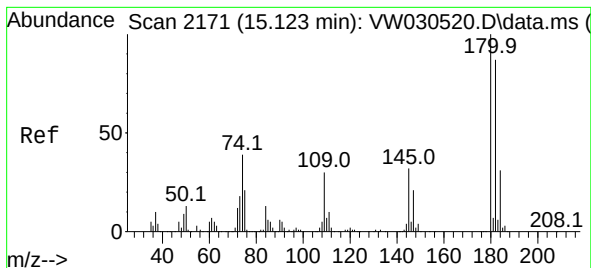
Tgt Ion: 75 Resp: 11069
Ion Ratio Lower Upper
75 100
155 66.9 57.9 86.9
157 72.1 69.0 103.6



#69
1,3,5-Trichlorobenzene
Concen: 12.429 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030534.D
Acq: 11 Oct 2024 01:55

Tgt Ion:180 Resp: 70725
Ion Ratio Lower Upper
180 100
182 93.7 79.9 119.9
184 28.5 25.2 37.8
145 29.9 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 9.588 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

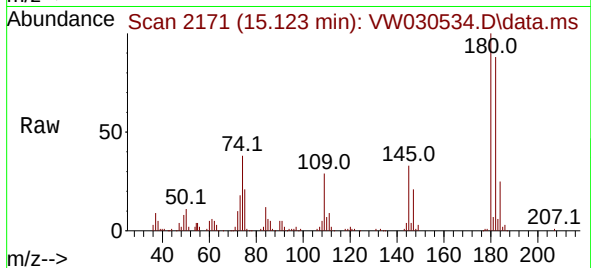
Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

Instrument :

MSVOA_W

ClientSampleId :



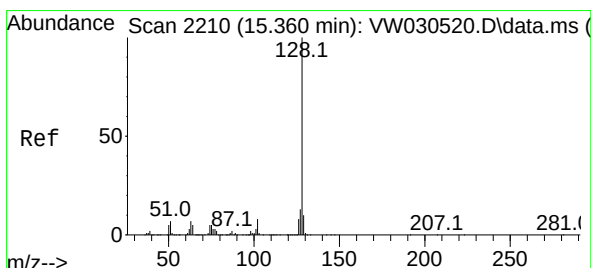
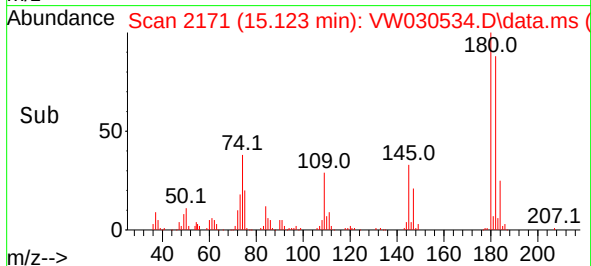
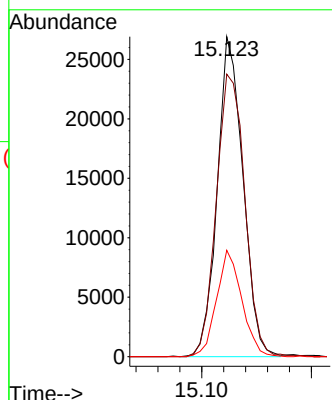
Tgt Ion:180 Resp: 43923

Ion Ratio Lower Upper

180 100

182 97.6 75.2 112.8

145 32.6 25.4 38.2



#71

Naphthalene

Concen: 10.977 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030534.D

Acq: 11 Oct 2024 01:55

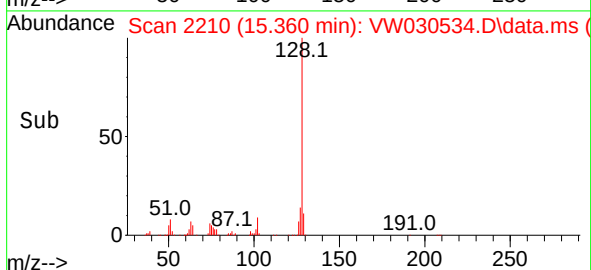
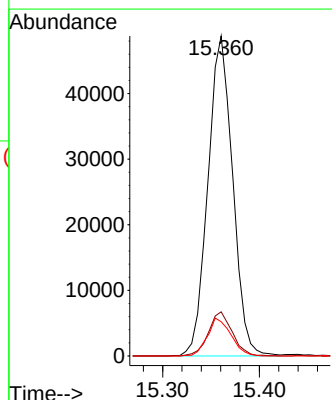
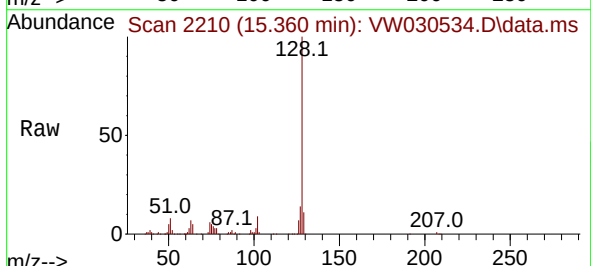
Tgt Ion:128 Resp: 86875

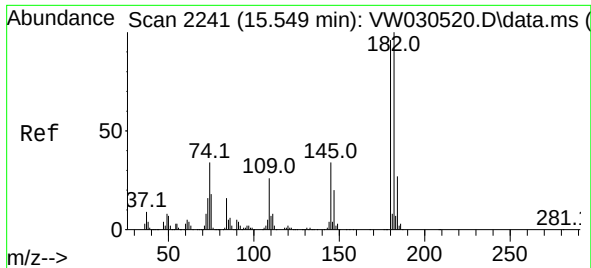
Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

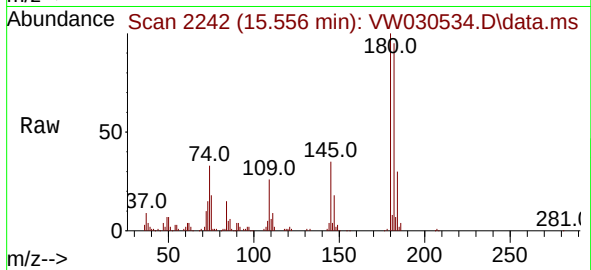
129 11.2 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 8.777 ug/L
 RT: 15.556 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030534.D
 Acq: 11 Oct 2024 01:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 34857
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.2 114.4
 145 36.5 27.4 41.2

