

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030562.D
 Acq On : 11 Oct 2024 20:25
 Operator : SY/MD
 Sample : P4351-02MS
 Misc : 5.50g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 01:45:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	424925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	361605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	147112	22.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
7) Chloroethane-d5	2.905	69	126792	25.078	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
11) 1,1-Dichloroethene-d2	4.021	65	66381	23.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.560%
21) 2-Butanone-d5	7.075	46	76737	63.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.680%
24) Chloroform-d	7.648	84	326993	26.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.640%
26) 1,2-Dichloroethane-d4	8.307	65	193780	30.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.680%
32) Benzene-d6	8.276	84	573917	27.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.270	67	188081	30.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.120%#
41) Toluene-d8	10.324	98	498194	26.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	10.581	79	77202	29.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.720%
47) 2-Hexanone-d5	10.922	63	60272	75.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161275	35.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.600%#
66) 1,2-Dichlorobenzene-d4	13.854	152	147894	27.885	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	77161	14.213	ug/L	95
3) Chloromethane	2.222	50	84032	13.318	ug/L	97
5) Vinyl chloride	2.375	62	105516	13.598	ug/L	99
6) Bromomethane	2.789	94	71838	14.065	ug/L	95
8) Chloroethane	2.942	64	71842	15.145	ug/L	95
9) Trichlorofluoromethane	3.265	101	87778	12.642	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85414	13.673	ug/L #	47
13) Acetone	4.118	43	65389	37.158	ug/L	99
14) Carbon disulfide	4.386	76	230642	12.389	ug/L	99
15) Methyl Acetate	4.673	43	38298	17.618	ug/L	98
16) Methylene chloride	4.923	84	109002	16.968	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88894	14.450	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	202910	23.568	ug/L	99
19) 1,1-Dichloroethane	6.215	63	188057	16.448	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	109607	16.704	ug/L	96
22) 2-Butanone	7.166	43	79485	41.903	ug/L	97
23) Bromochloromethane	7.514	128	51532	17.952	ug/L #	87
25) Chloroform	7.679	83	204925	16.772	ug/L	97
27) 1,2-Dichloroethane	8.398	62	157142	19.495	ug/L	99

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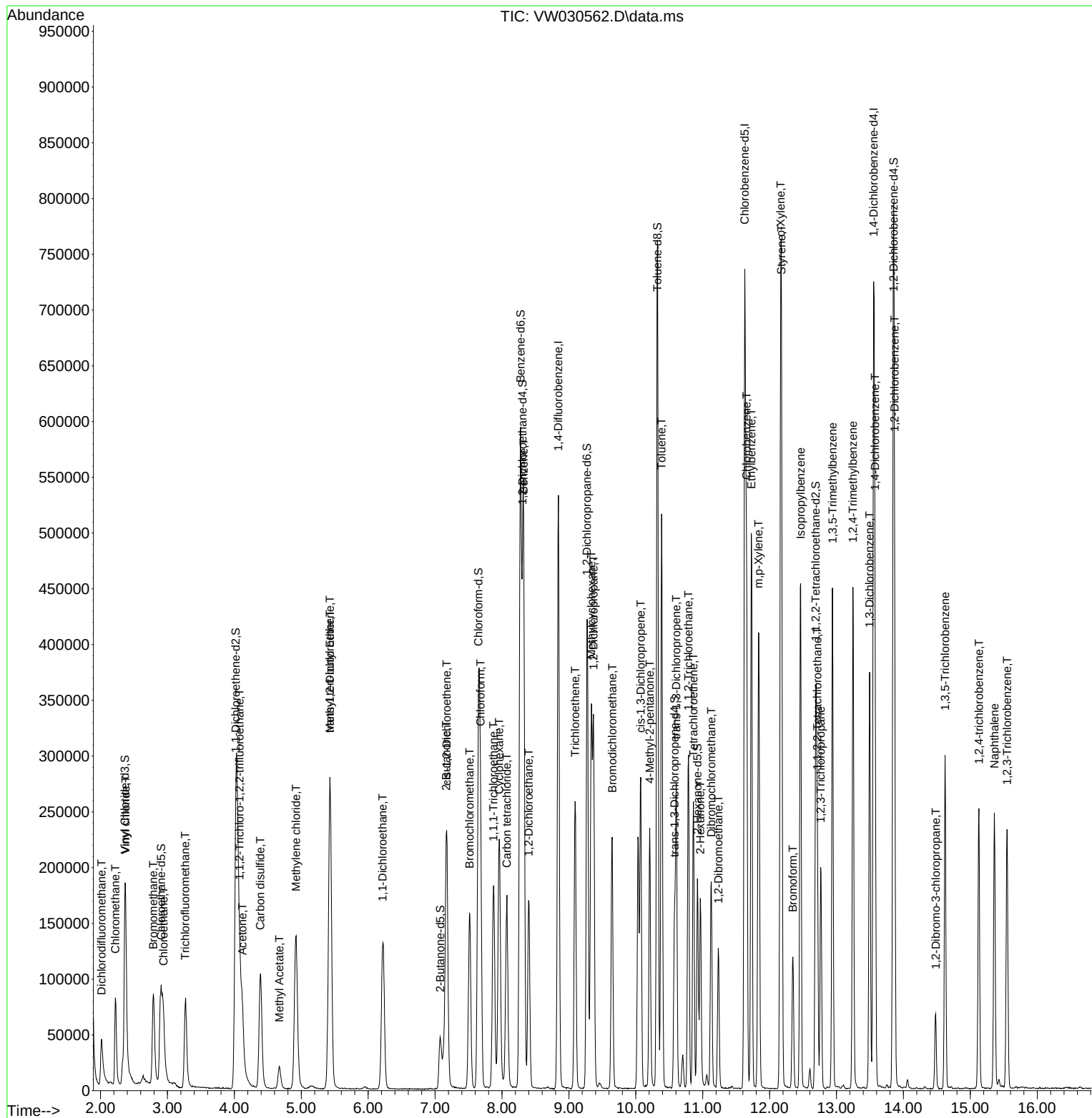
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	122989	13.972	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	144348	15.038	ug/L	99
31) Carbon tetrachloride	8.069	117	117825	13.743	ug/L	97
33) Benzene	8.325	78	391653	16.644	ug/L	100
34) Trichloroethene	9.093	95	89966	13.742	ug/L	95
35) Methylcyclohexane	9.337	83	131695	12.782	ug/L	98
37) 1,2-Dichloropropane	9.367	63	111610	18.991	ug/L	100
38) Bromodichloromethane	9.648	83	148549	18.998	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	158530	17.883	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	145315	51.468	ug/L	98
42) Toluene	10.385	91	364346	14.513	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	141565	19.004	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	90149	21.224	ug/L	98
46) Tetrachloroethene	10.861	164	49252	10.200	ug/L	95
48) 2-Hexanone	10.965	43	105572	45.723	ug/L	96
49) Dibromochloromethane	11.129	129	92280	19.471	ug/L	99
50) 1,2-Dibromoethane	11.233	107	81247	20.499	ug/L	97
51) Chlorobenzene	11.653	112	223212	13.812	ug/L	95
52) Ethylbenzene	11.727	91	345537	12.062	ug/L	96
53) m,p-Xylene	11.836	106	123742	11.530	ug/L	93
54) o-Xylene	12.166	106	126972	12.797	ug/L	79
55) Styrene	12.178	104	231028	13.621	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	108598	22.672	ug/L	97
59) Bromoform	12.348	173	51385	23.333	ug/L	97
60) Isopropylbenzene	12.464	105	284040	11.701	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77072	25.268	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	223738	11.683	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	228048	12.162	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	136561	12.924	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	144568	13.251	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	142266	15.301	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	16876	24.814	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	82451	11.834	ug/L	93
70) 1,2,4-trichlorobenzene	15.128	180	73726	13.144	ug/L	98
71) Naphthalene	15.360	128	197694	20.400	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70669	14.533	ug/L	99

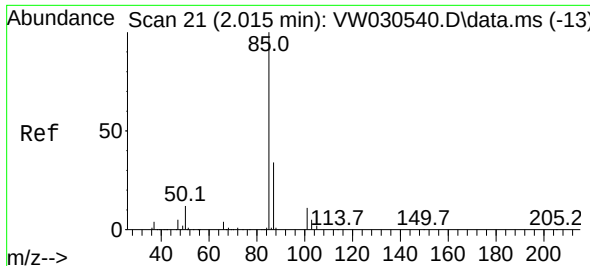
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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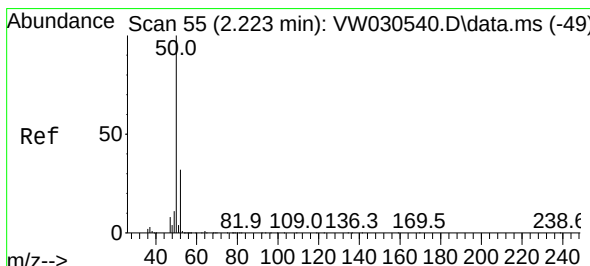
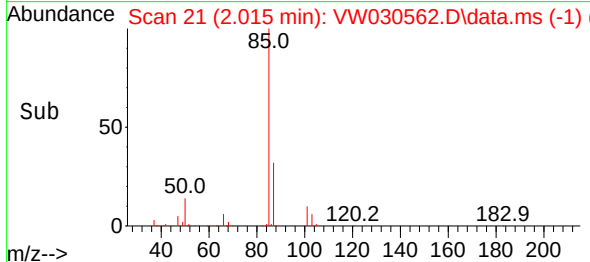
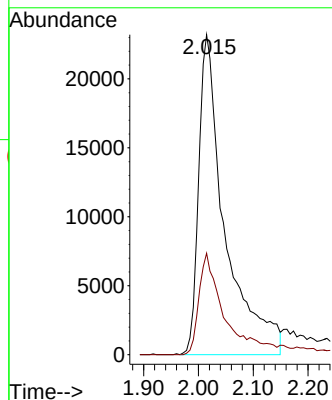
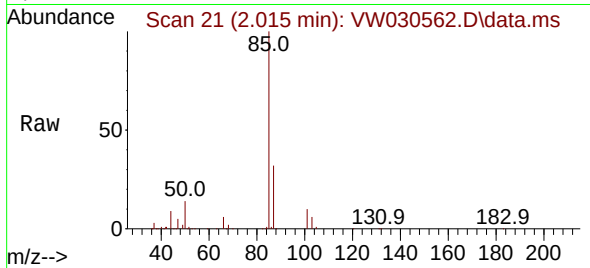




#2
 Dichlorodifluoromethane
 Concen: 14.213 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030562.D
 Acq: 11 Oct 2024 20:25

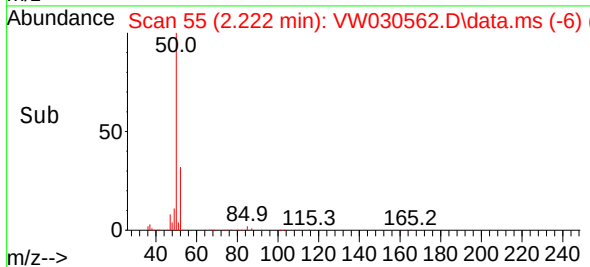
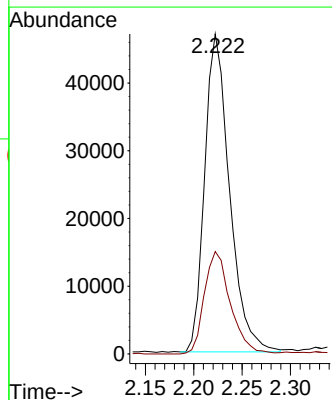
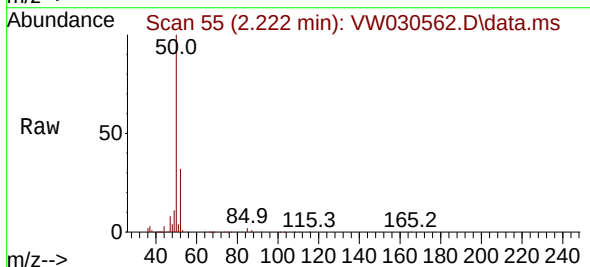
Instrument :
 MSVOA_W
 ClientSampleId :

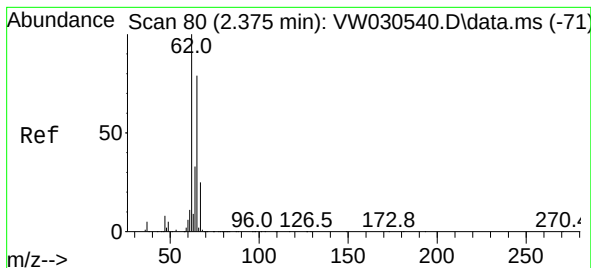
Tgt Ion: 85 Resp: 77161
 Ion Ratio Lower Upper
 85 100
 87 27.1 23.8 35.6



#3
 Chloromethane
 Concen: 13.318 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030562.D
 Acq: 11 Oct 2024 20:25

Tgt Ion: 50 Resp: 84032
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.7 43.9





#5

Vinyl chloride

Concen: 13.598 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

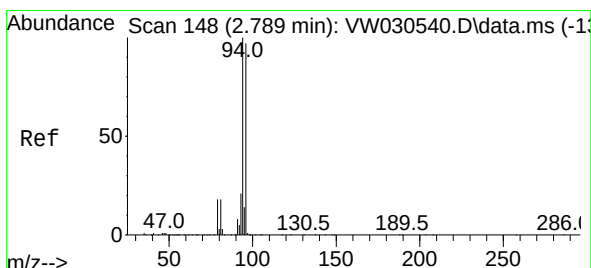
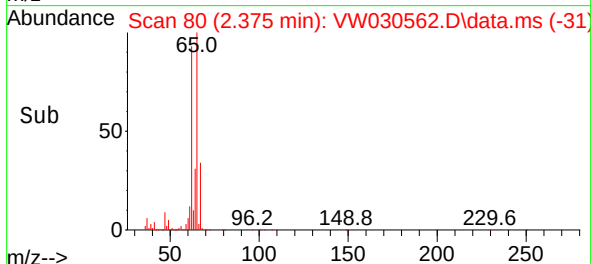
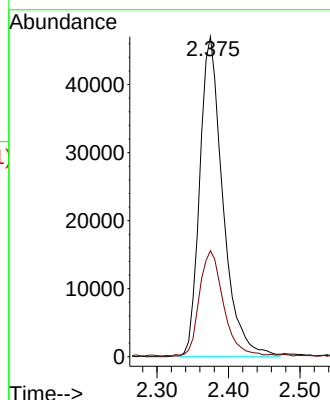
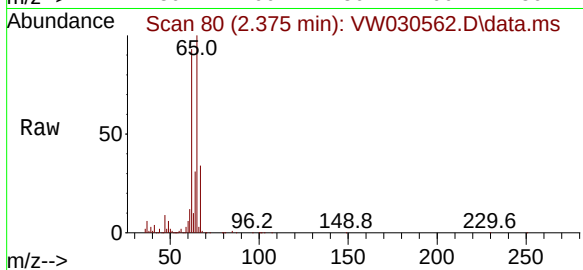
ClientSampleId :

Tgt Ion: 62 Resp: 105516

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#6

Bromomethane

Concen: 14.065 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030562.D

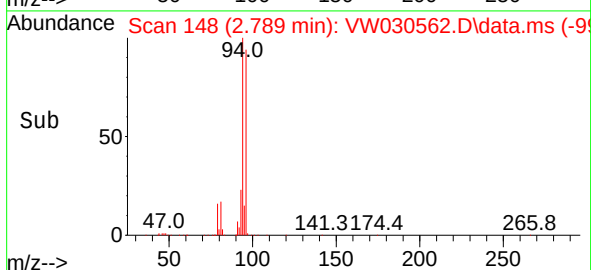
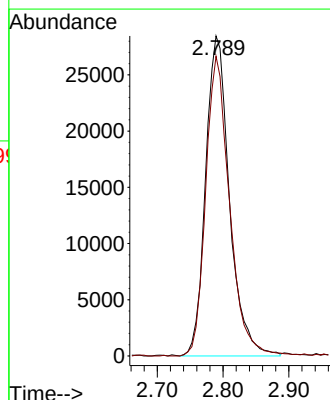
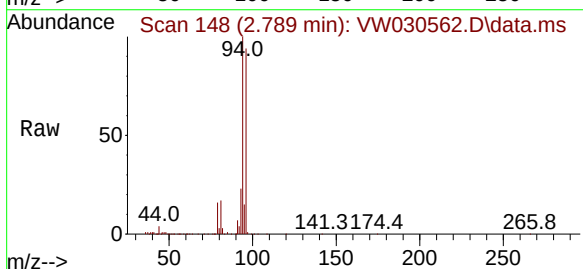
Acq: 11 Oct 2024 20:25

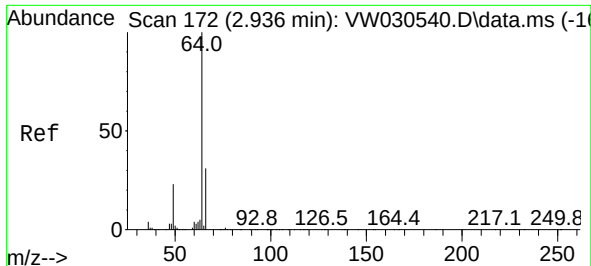
Tgt Ion: 94 Resp: 71838

Ion Ratio Lower Upper

94 100

96 93.7 62.6 116.2

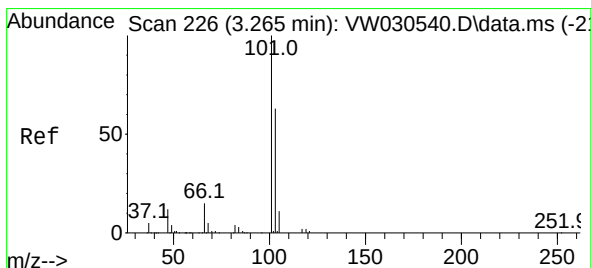
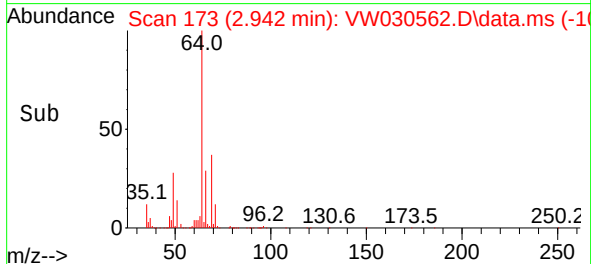
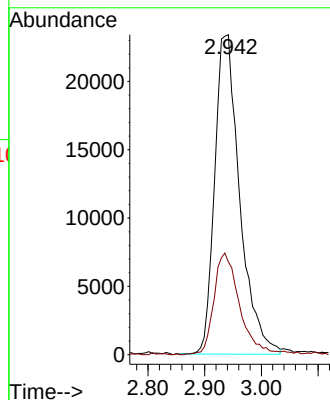
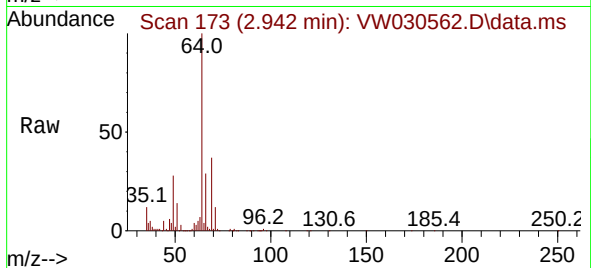




#8
Chloroethane
Concen: 15.145 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

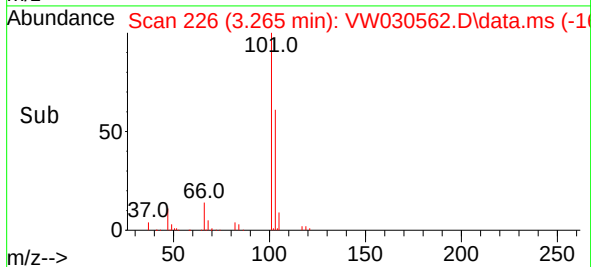
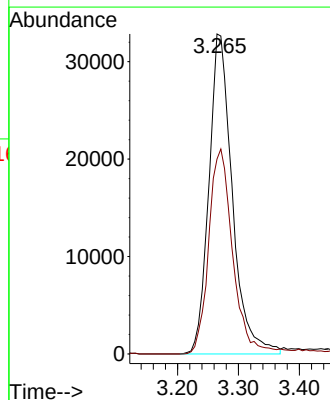
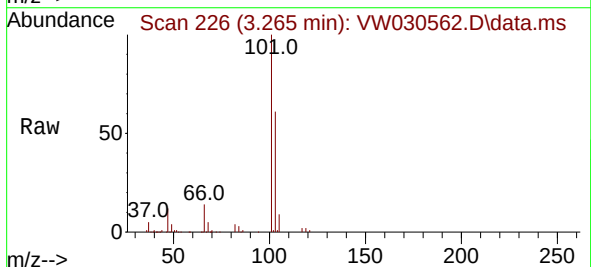
Instrument :
MSVOA_W
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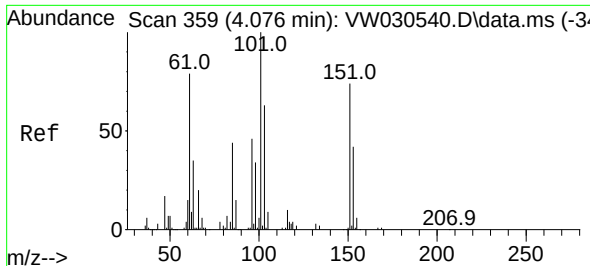
Tgt Ion: 64 Resp: 71842
Ion Ratio Lower Upper
64 100
66 29.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 12.642 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion: 101 Resp: 87778
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7





#10

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

Concen: 13.673 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

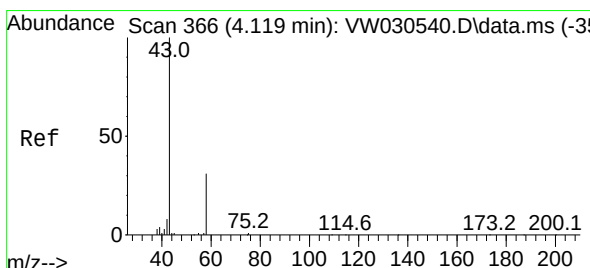
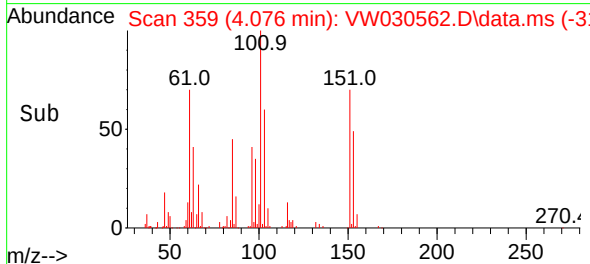
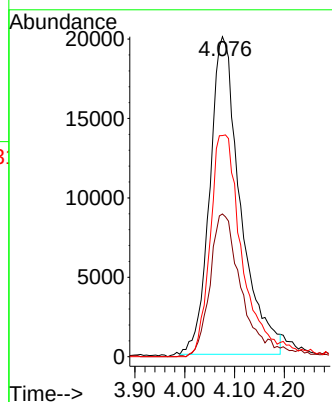
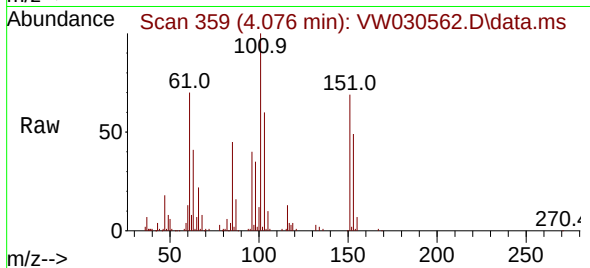
Tgt Ion:101 Resp: 85414

Ion Ratio Lower Upper

101 100

85 43.9 35.7 53.5

151 0.0 56.1 84.1#



#13

Acetone

Concen: 37.158 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW030562.D

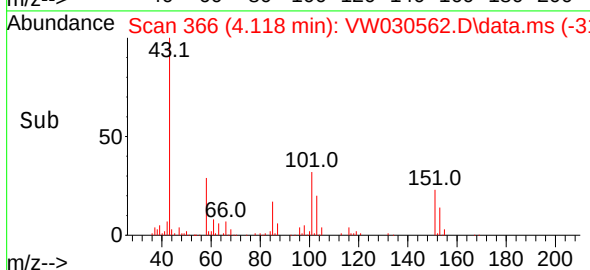
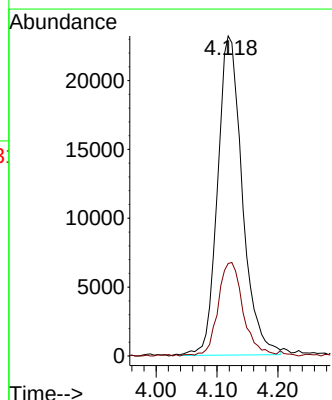
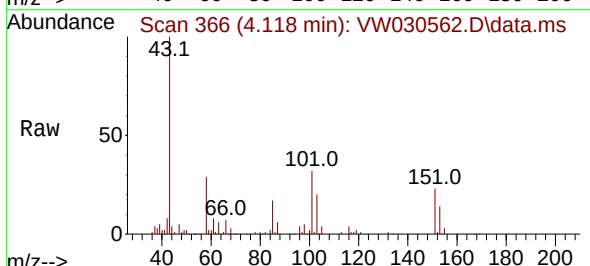
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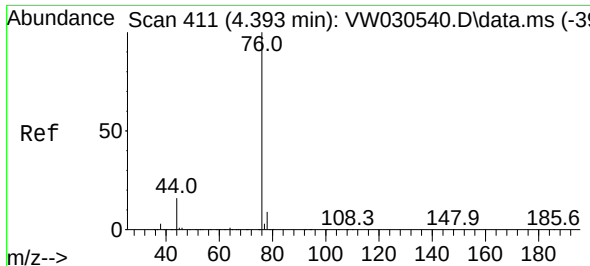
Tgt Ion: 43 Resp: 65389

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.6

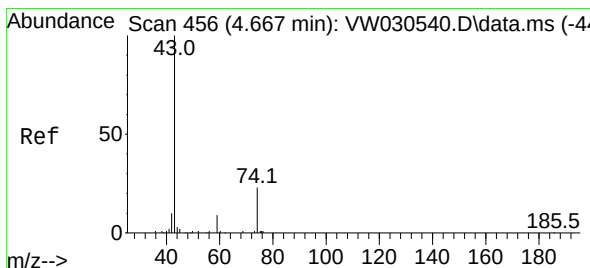
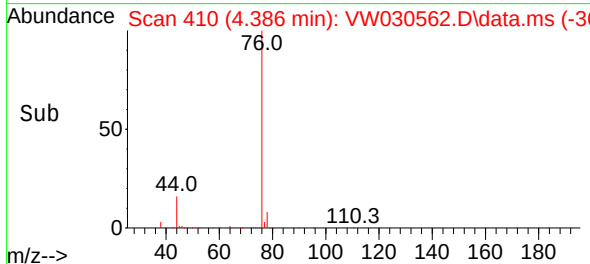
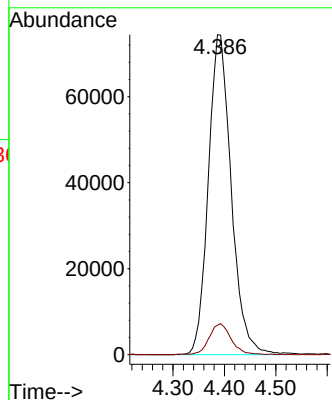
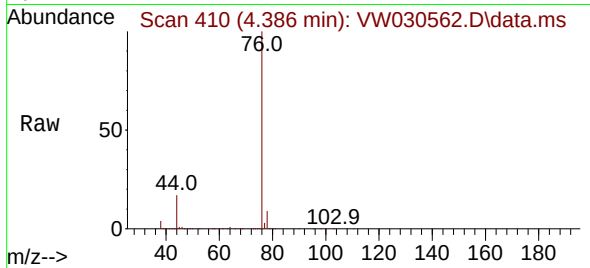




#14
Carbon disulfide
Concen: 12.389 ug/L
RT: 4.386 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

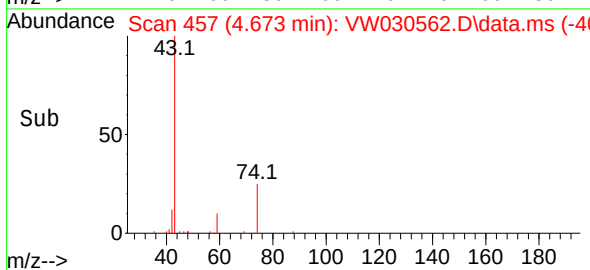
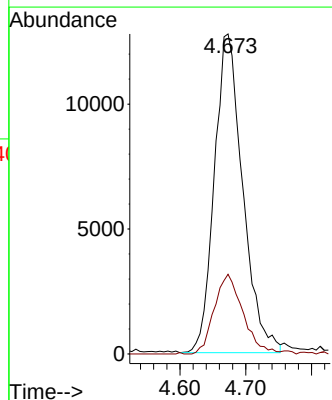
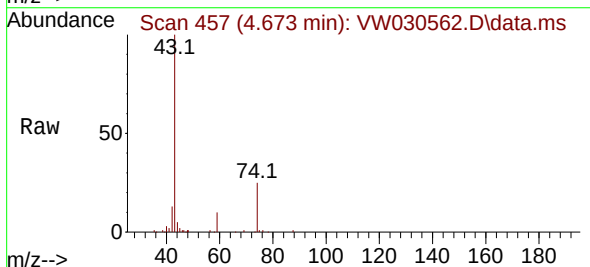
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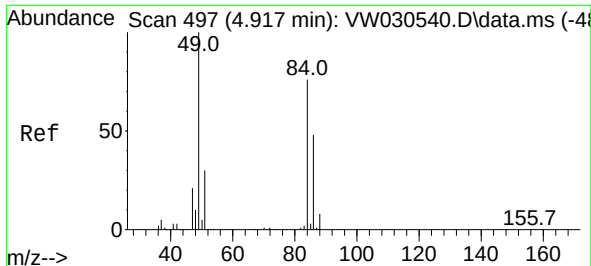
Tgt Ion: 76 Resp: 230642
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#15
Methyl Acetate
Concen: 17.618 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 38298
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9

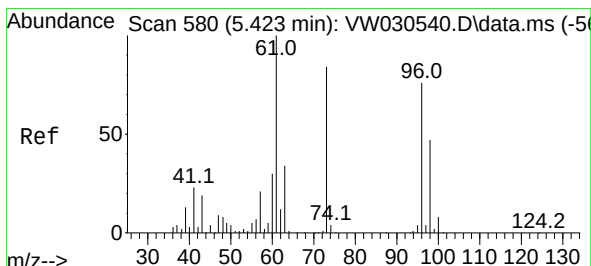
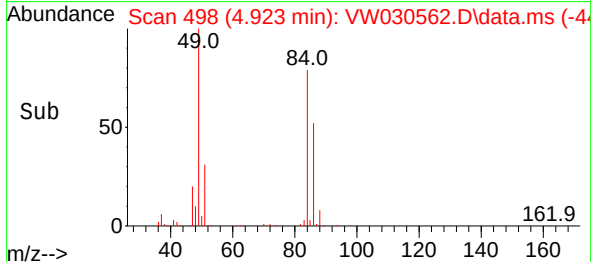
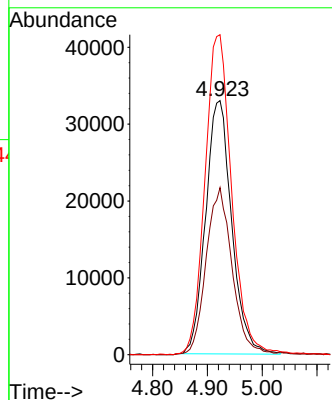
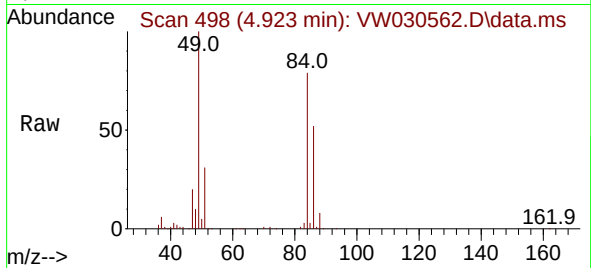




#16
Methylene chloride
Concen: 16.968 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

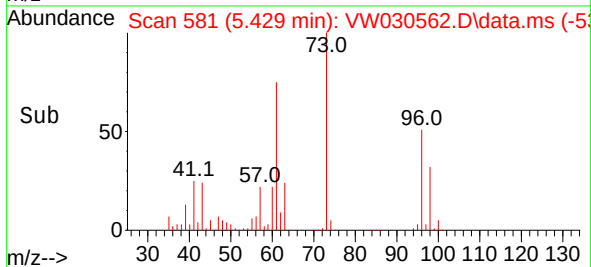
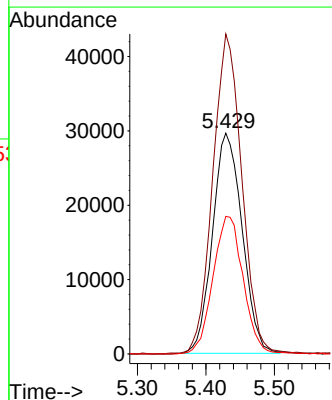
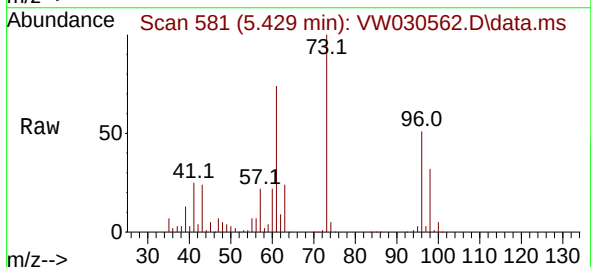
Instrument :
MSVOA_W
ClientSampleId :

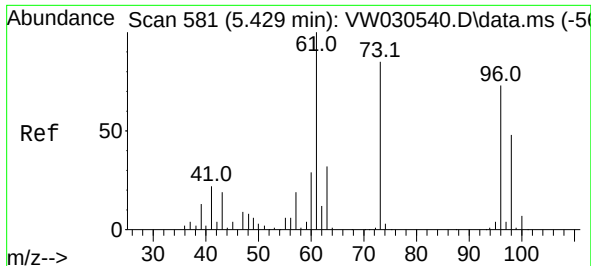
Tgt Ion: 84 Resp: 109002
Ion Ratio Lower Upper
84 100
86 65.7 43.8 81.3
49 125.9 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 14.450 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

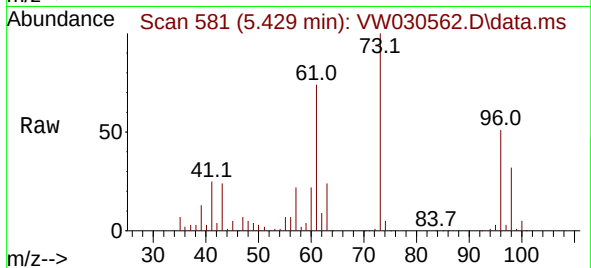
Tgt Ion: 96 Resp: 88894
Ion Ratio Lower Upper
96 100
61 144.9 96.9 179.9
98 62.3 42.2 78.4



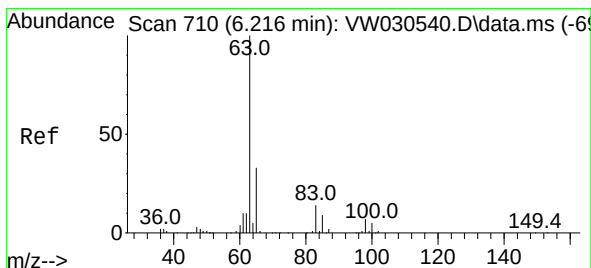
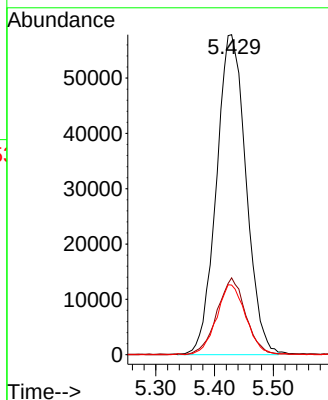
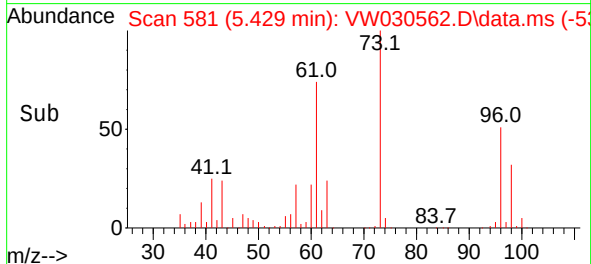


#18
Methyl tert-butyl Ether
Concen: 23.568 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Instrument :
MSVOA_W
ClientSampleId :

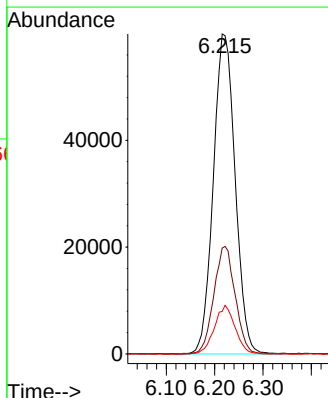
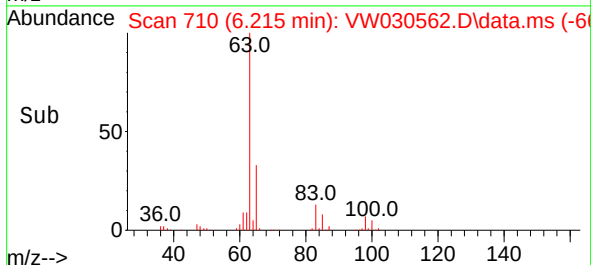
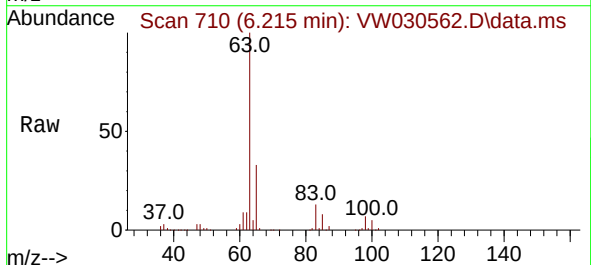


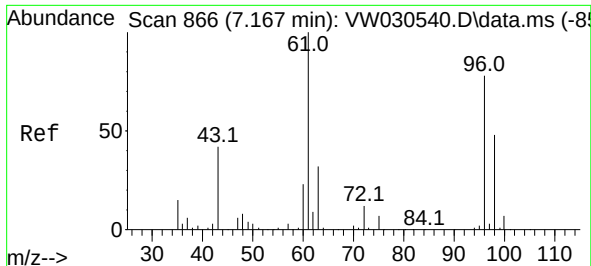
Tgt Ion: 73 Resp: 202910
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1
57 21.5 17.7 26.5



#19
1,1-Dichloroethane
Concen: 16.448 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion: 63 Resp: 188057
Ion Ratio Lower Upper
63 100
65 33.1 22.5 41.9
83 13.3 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 16.704 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

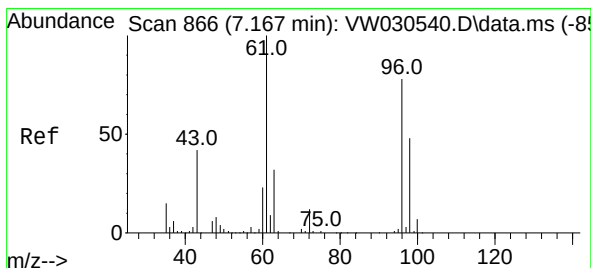
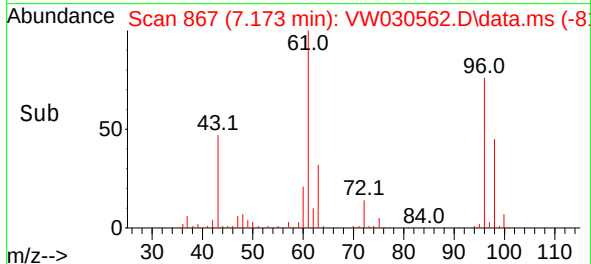
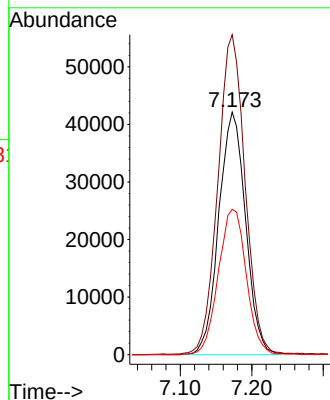
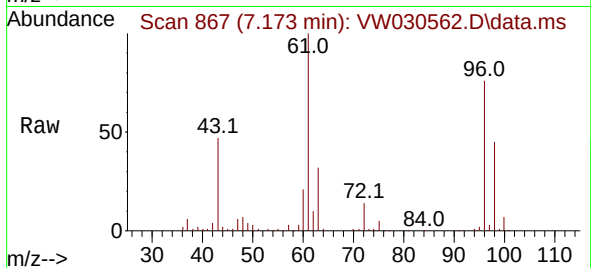
Tgt Ion: 96 Resp: 109607

Ion Ratio Lower Upper

96 100

61 131.9 88.3 163.9

98 59.9 41.3 76.7



#22

2-Butanone

Concen: 41.903 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030562.D

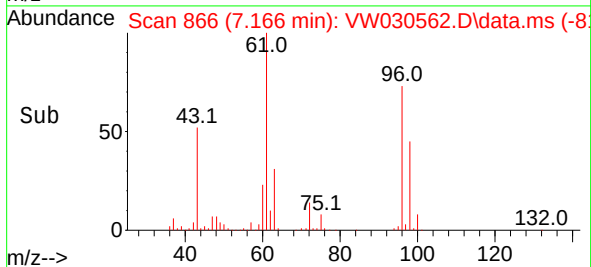
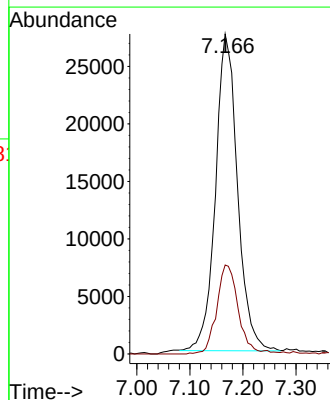
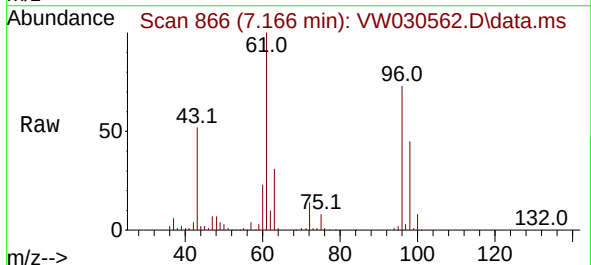
Acq: 11 Oct 2024 20:25

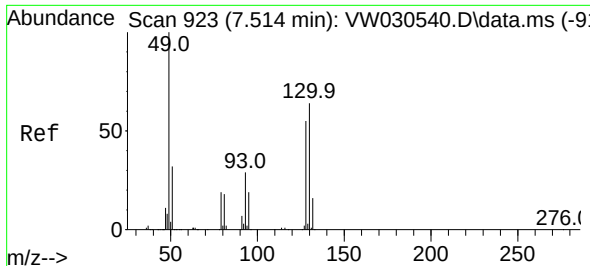
Tgt Ion: 43 Resp: 79485

Ion Ratio Lower Upper

43 100

72 27.1 14.4 43.0

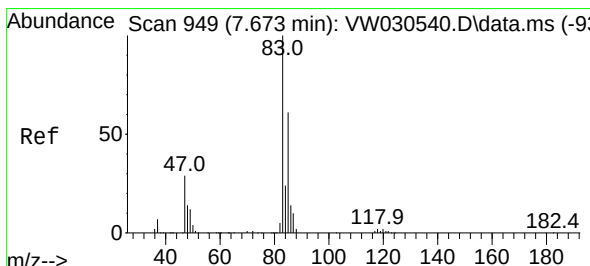
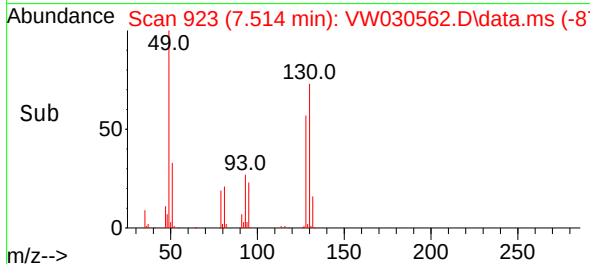
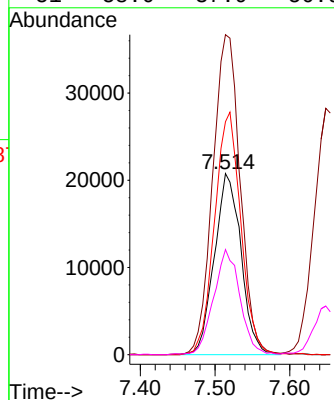
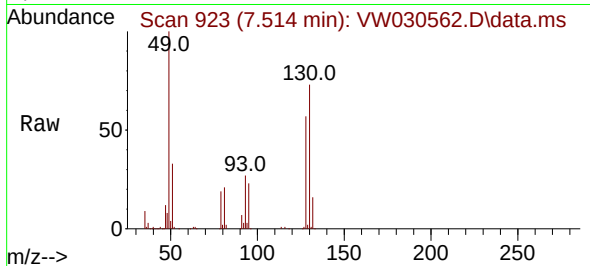




#23
Bromochloromethane
Concen: 17.952 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

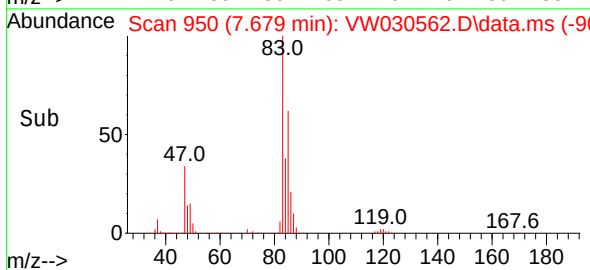
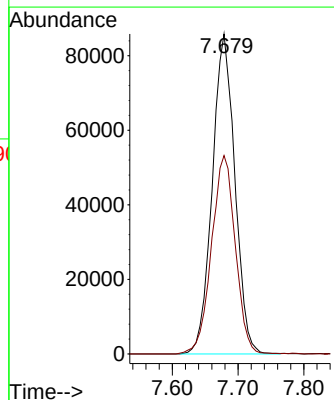
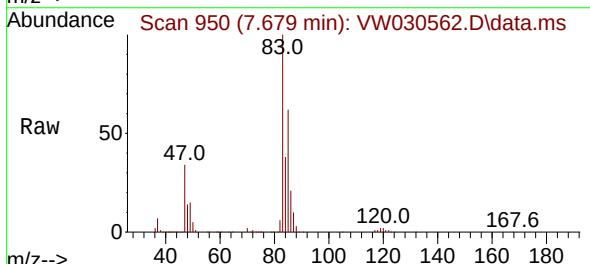
Instrument :
MSVOA_W
ClientSampleId :

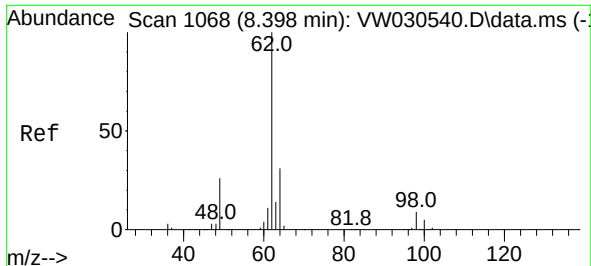
Tgt Ion:	128	Resp:	51532
Ion	Ratio	Lower	Upper
128	100		
49	176.7	110.1	204.5
130	128.7	82.9	153.9
51	58.0	37.9	56.9



#25
Chloroform
Concen: 16.772 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion:	83	Resp:	204925
Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.1	83.7





#27

1,2-Dichloroethane

Concen: 19.495 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

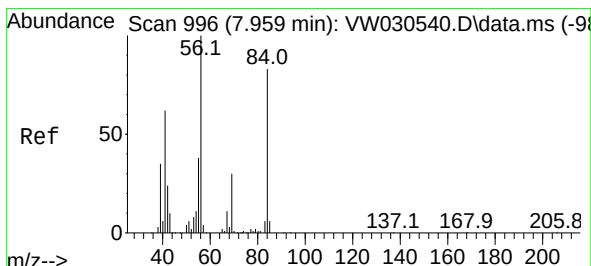
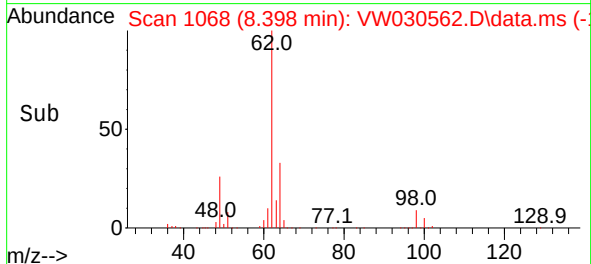
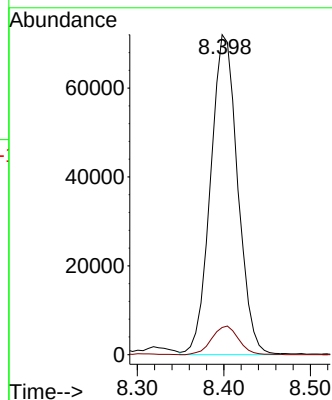
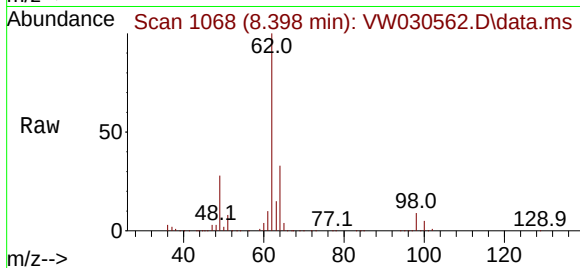
ClientSampleId :

Tgt Ion: 62 Resp: 157142

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6



#29

Cyclohexane

Concen: 13.972 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

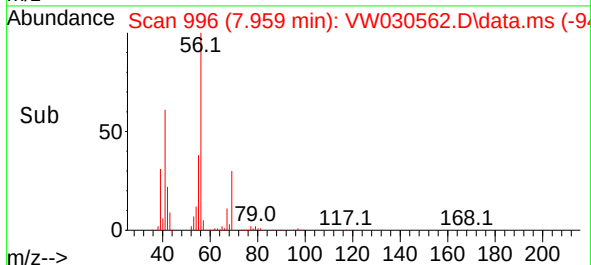
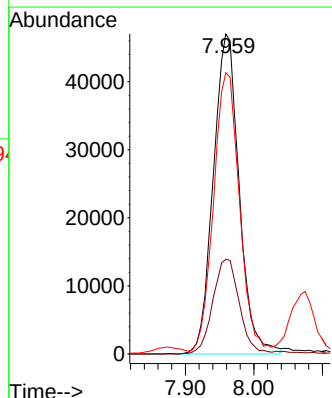
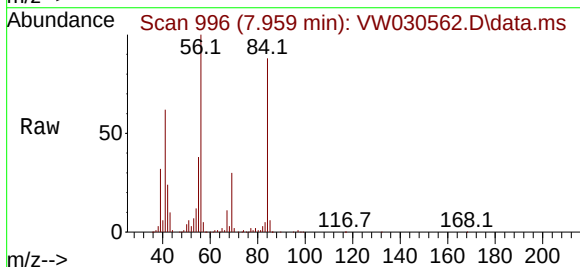
Tgt Ion: 56 Resp: 122989

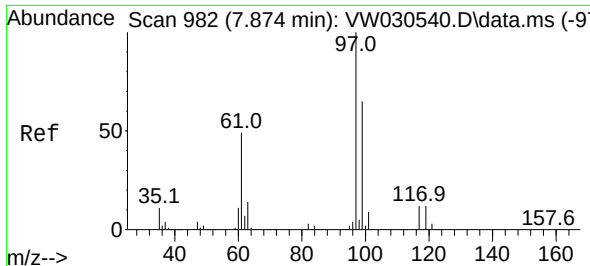
Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 88.1 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 15.038 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

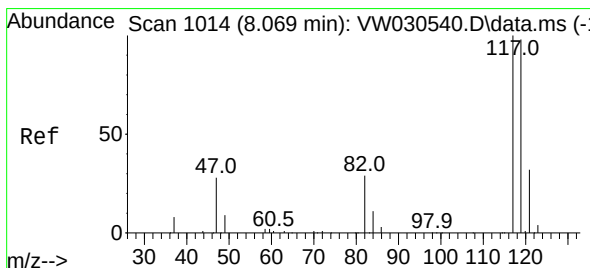
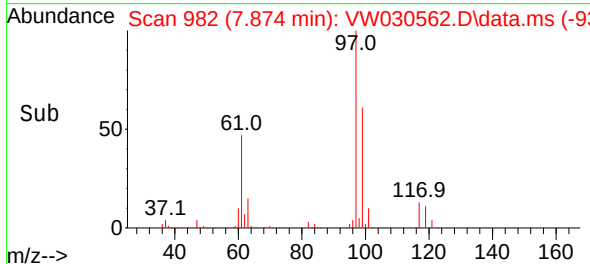
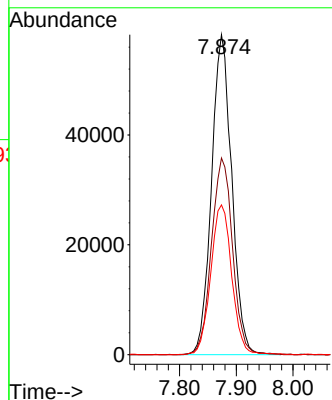
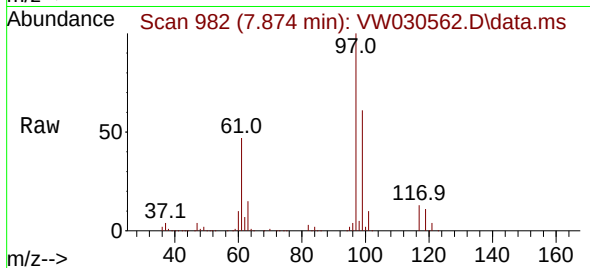
Tgt Ion: 97 Resp: 144348

Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 48.5 38.5 57.7



#31

Carbon tetrachloride

Concen: 13.743 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030562.D

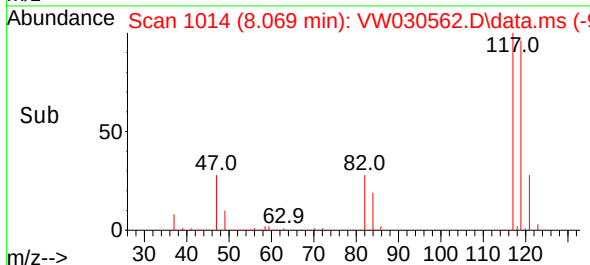
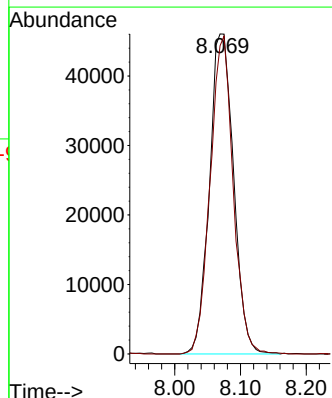
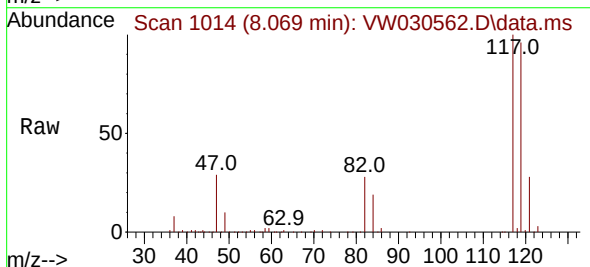
Acq: 11 Oct 2024 20:25

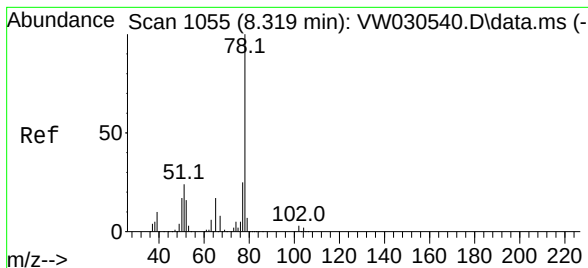
Tgt Ion: 117 Resp: 117825

Ion Ratio Lower Upper

117 100

119 94.8 77.8 116.8





#33

Benzene

Concen: 16.644 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW030562.D

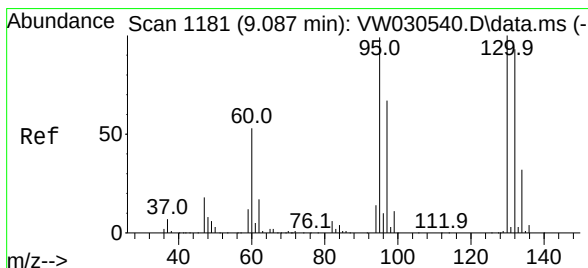
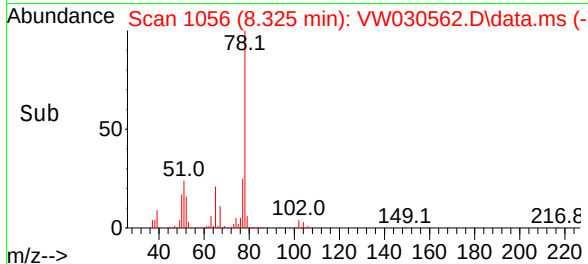
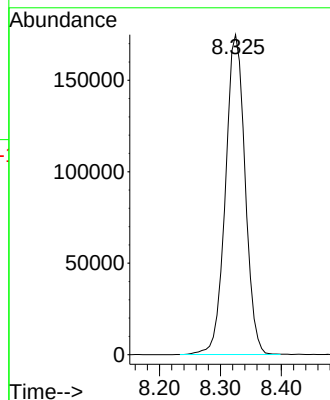
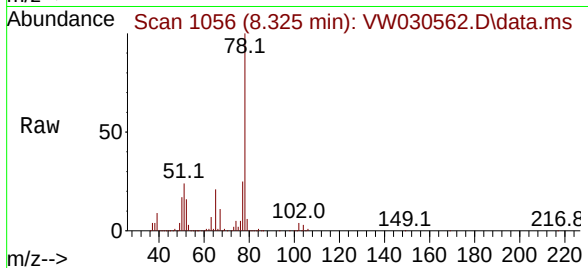
Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 391653



#34

Trichloroethene

Concen: 13.742 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Tgt Ion: 95 Resp: 89966

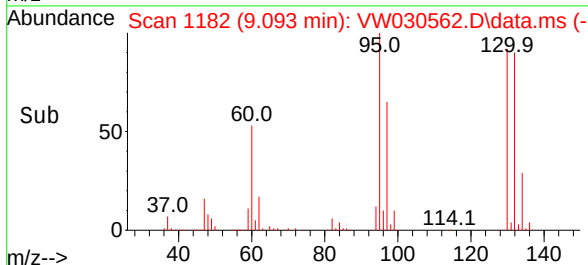
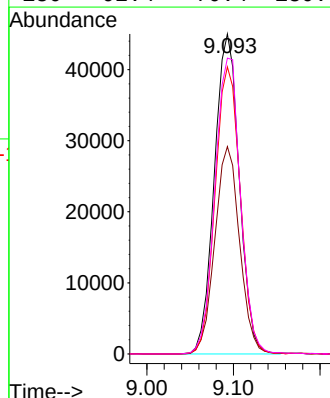
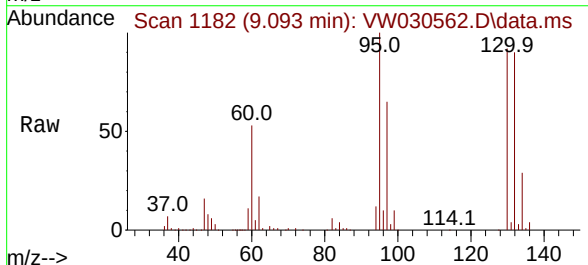
Ion Ratio Lower Upper

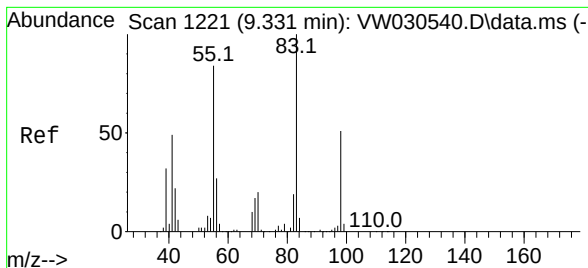
95 100

97 64.8 45.9 85.3

132 89.7 66.4 123.2

130 92.4 70.4 130.8





#35

Methylcyclohexane

Concen: 12.782 ug/L

RT: 9.337 min Scan# 1221

Delta R.T. 0.006 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

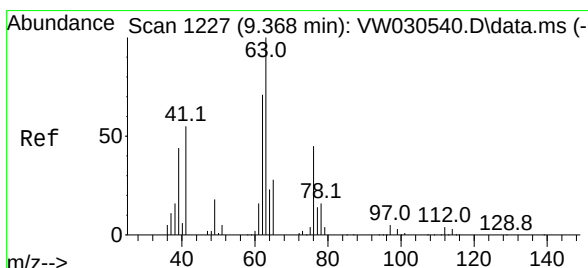
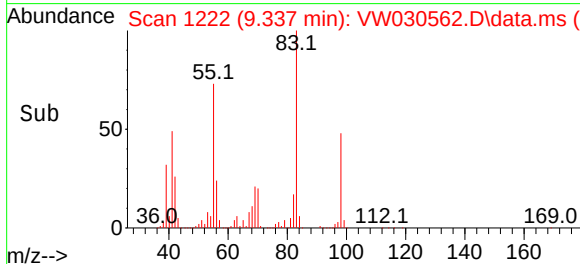
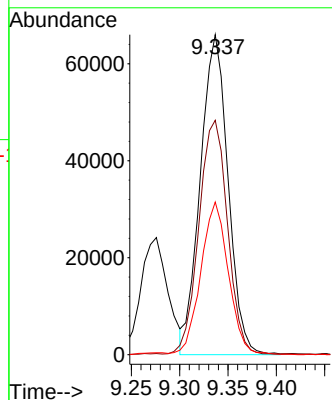
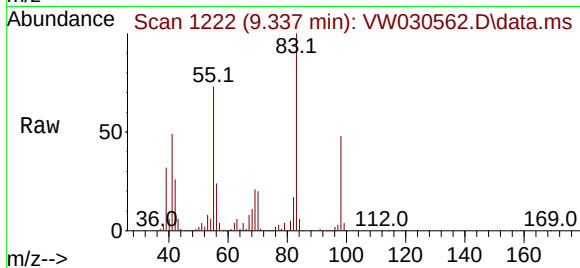
Tgt Ion: 83 Resp: 131695

Ion Ratio Lower Upper

83 100

55 75.9 61.8 92.8

98 47.5 39.3 58.9



#37

1,2-Dichloropropane

Concen: 18.991 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030562.D

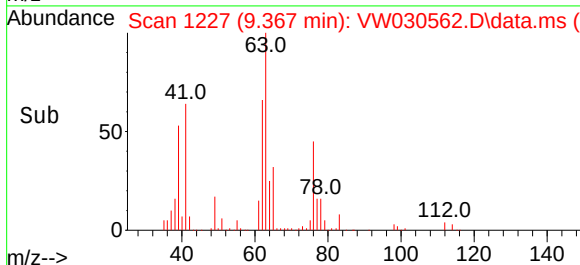
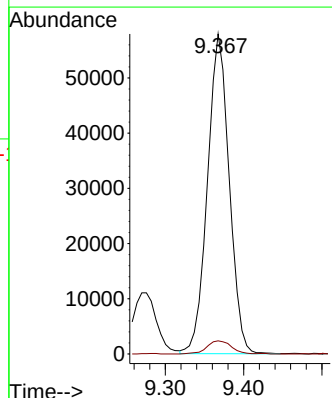
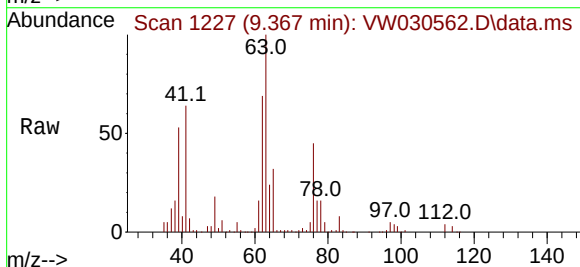
Acq: 11 Oct 2024 20:25

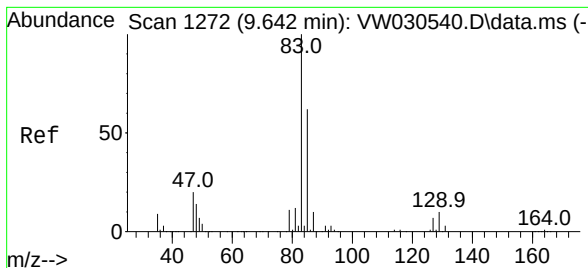
Tgt Ion: 63 Resp: 111610

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5





#38

Bromodichloromethane

Concen: 18.998 ug/L

RT: 9.648 min Scan# 11

Delta R.T. 0.006 min

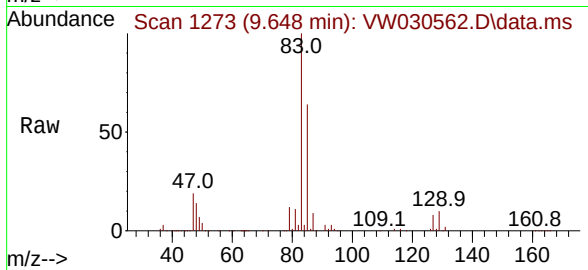
Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :



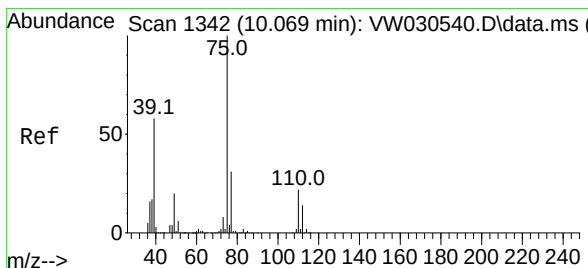
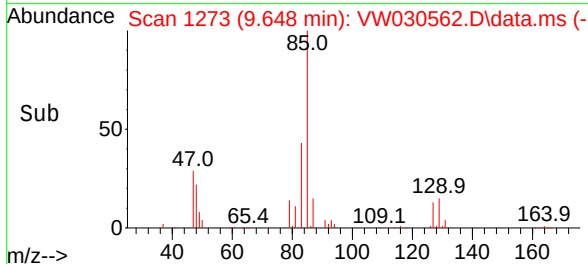
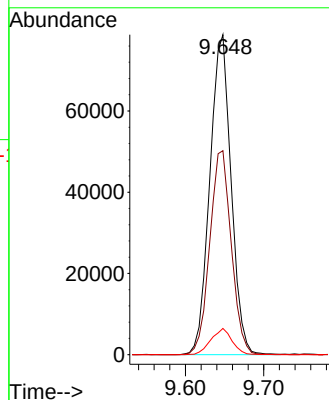
Tgt Ion: 83 Resp: 148549

Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.0

127 8.2 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 17.883 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030562.D

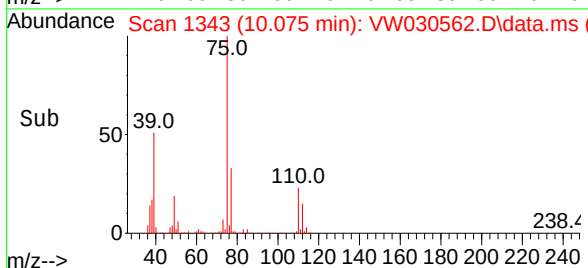
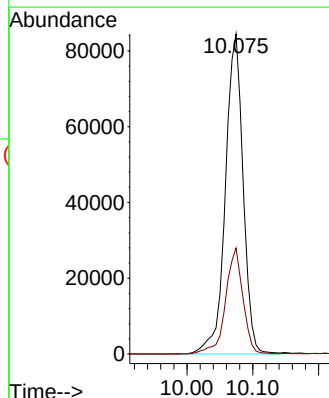
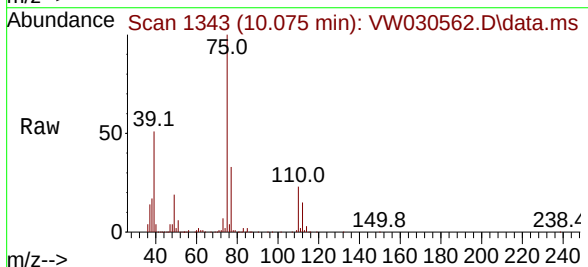
Acq: 11 Oct 2024 20:25

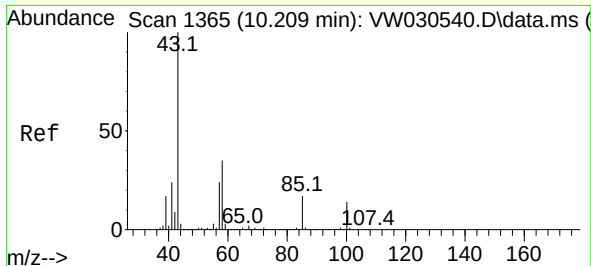
Tgt Ion: 75 Resp: 158530

Ion Ratio Lower Upper

75 100

77 33.1 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 51.468 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

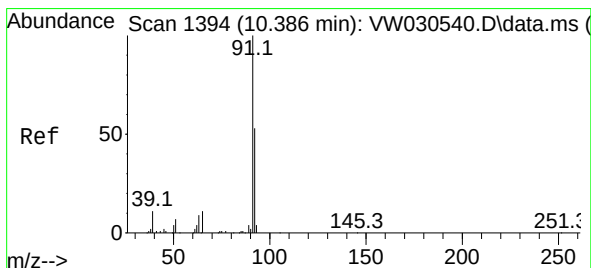
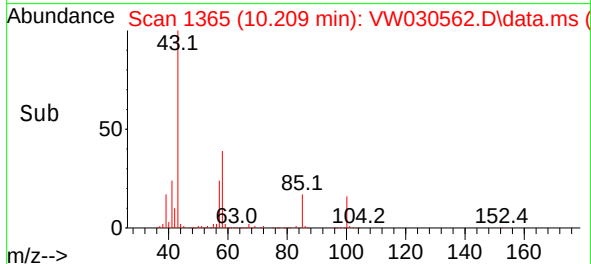
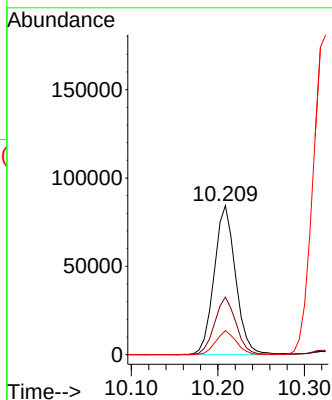
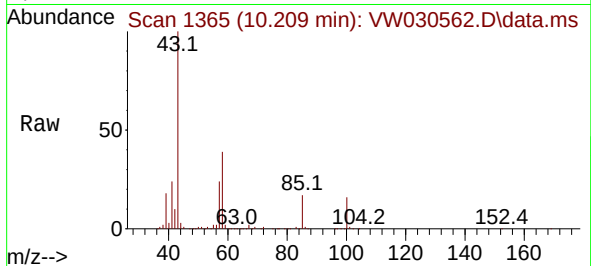
Tgt Ion: 43 Resp: 145315

Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.2

100 15.6 13.1 19.7



#42

Toluene

Concen: 14.513 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030562.D

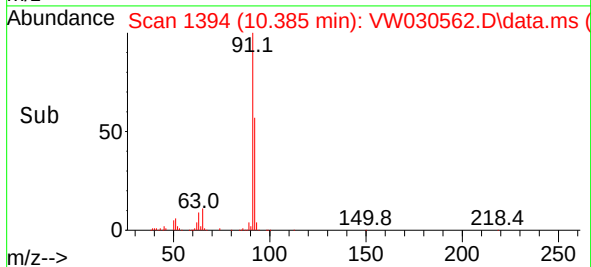
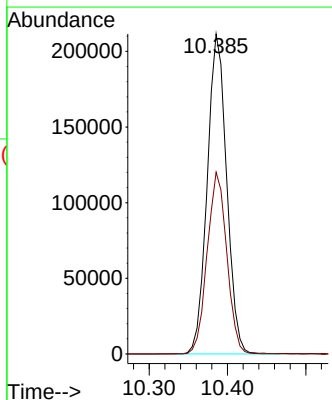
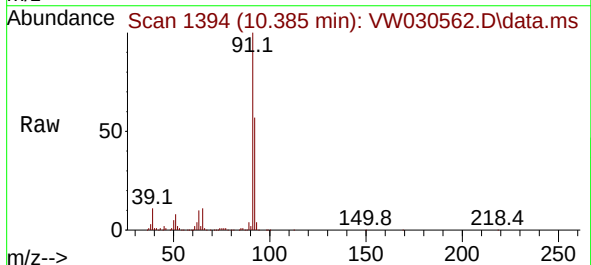
Acq: 11 Oct 2024 20:25

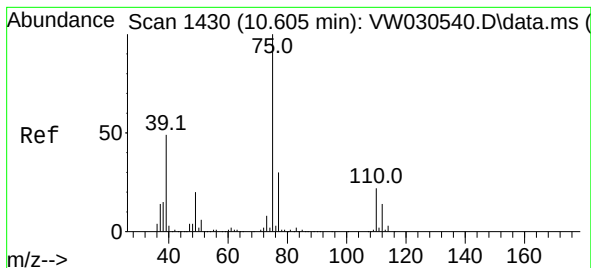
Tgt Ion: 91 Resp: 364346

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 19.004 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

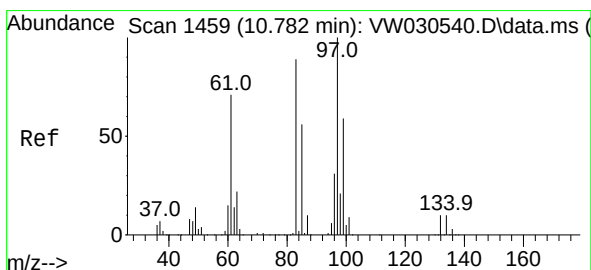
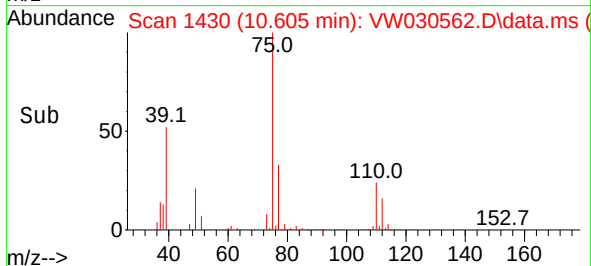
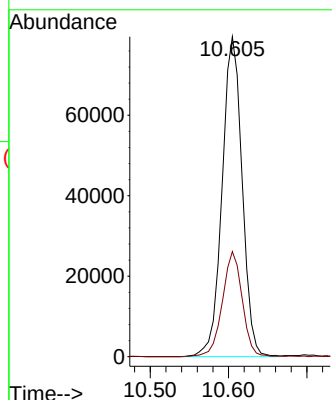
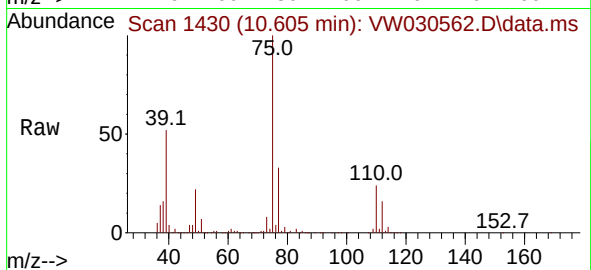
ClientSampleId :

Tgt Ion: 75 Resp: 141565

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 21.224 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Tgt Ion: 97 Resp: 90149

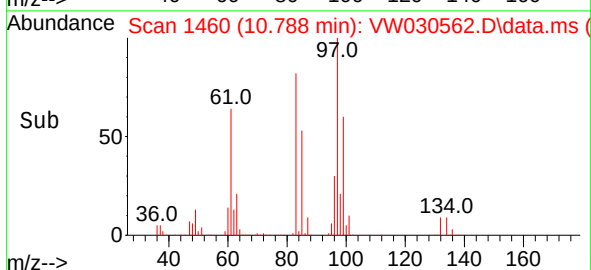
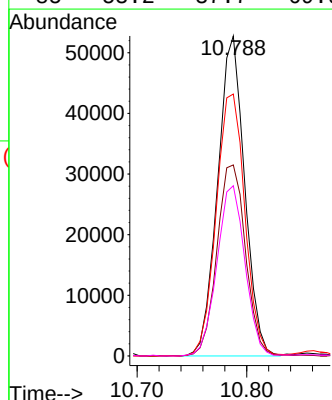
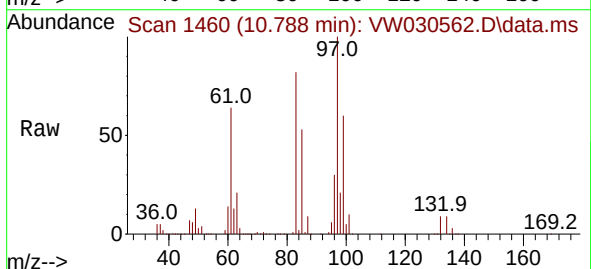
Ion Ratio Lower Upper

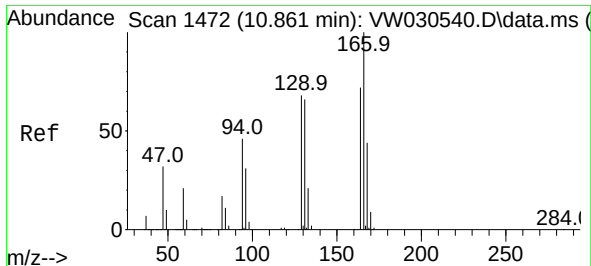
97 100

99 59.7 41.2 76.6

83 81.9 59.6 110.6

85 53.2 37.7 69.9





#46

Tetrachloroethene

Concen: 10.200 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

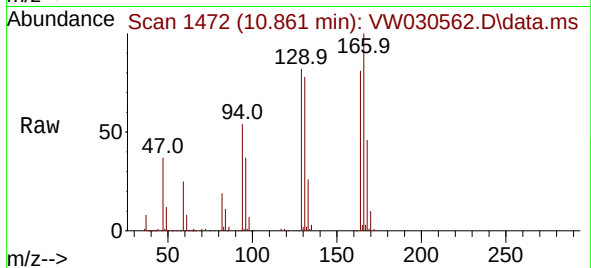
Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 49252

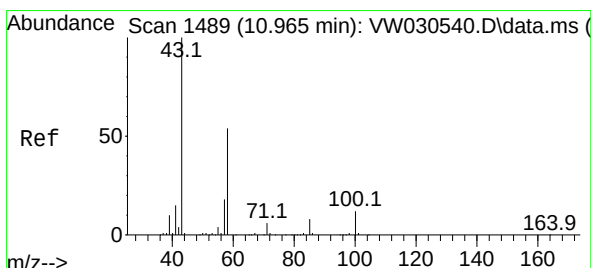
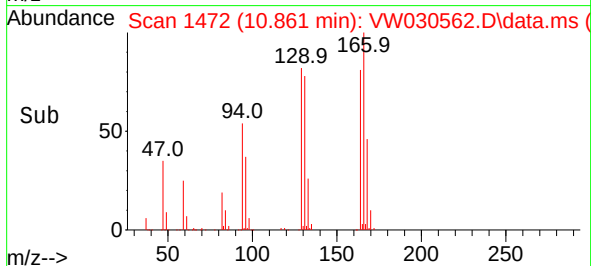
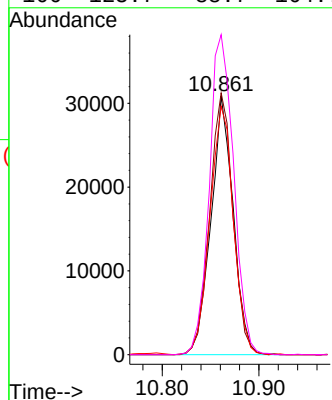
Ion Ratio Lower Upper

164 100

129 101.2 66.6 123.6

131 96.0 63.7 118.3

166 123.7 88.7 164.7



#48

2-Hexanone

Concen: 45.723 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Tgt Ion: 43 Resp: 105572

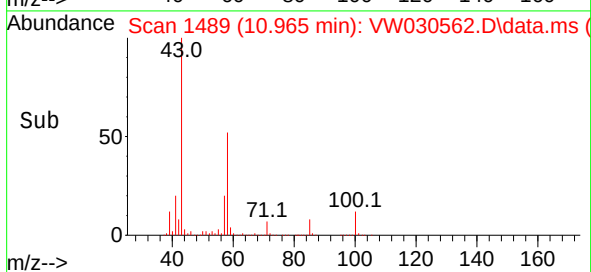
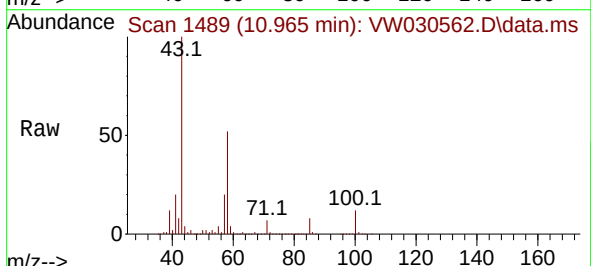
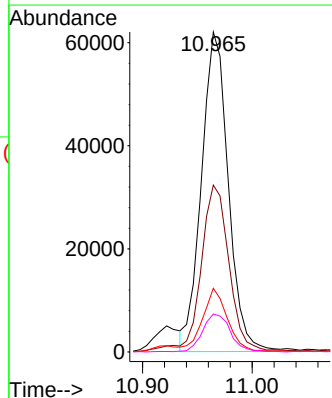
Ion Ratio Lower Upper

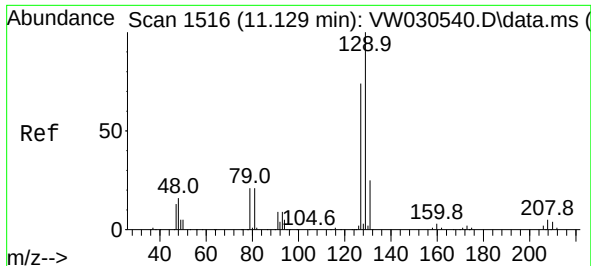
43 100

58 51.4 44.6 67.0

57 18.9 15.8 23.8

100 12.4 10.2 15.2





#49

Dibromochloromethane

Concen: 19.471 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

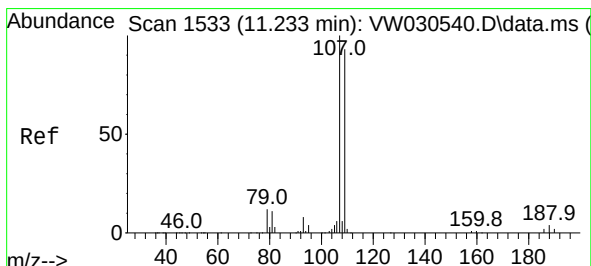
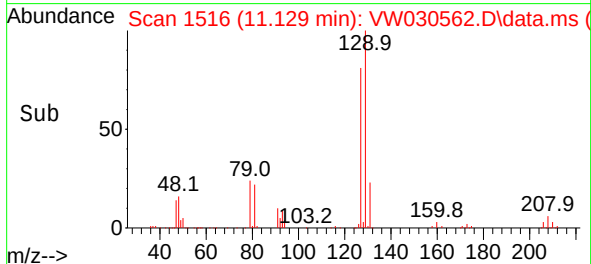
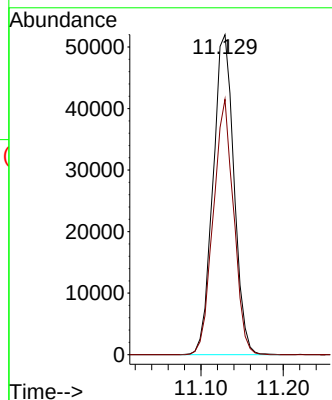
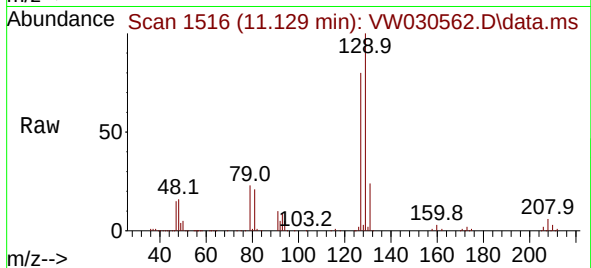
ClientSampleId :

Tgt Ion:129 Resp: 92280

Ion Ratio Lower Upper

129 100

127 79.8 56.5 104.9



#50

1,2-Dibromoethane

Concen: 20.499 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

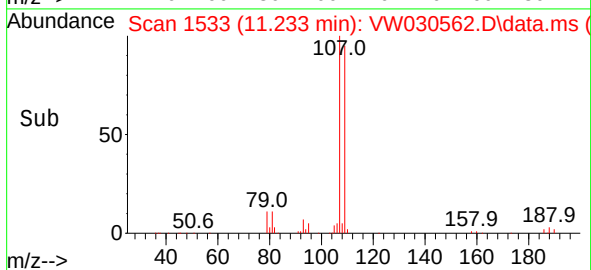
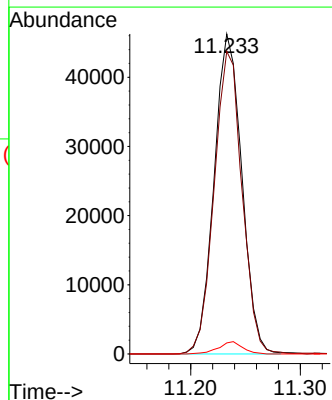
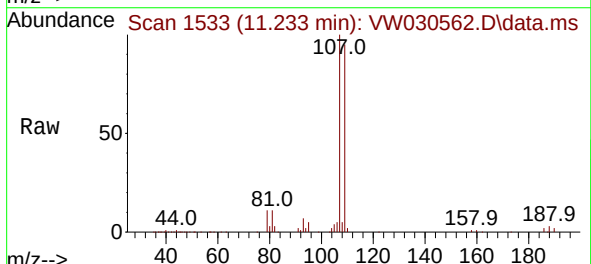
Tgt Ion:107 Resp: 81247

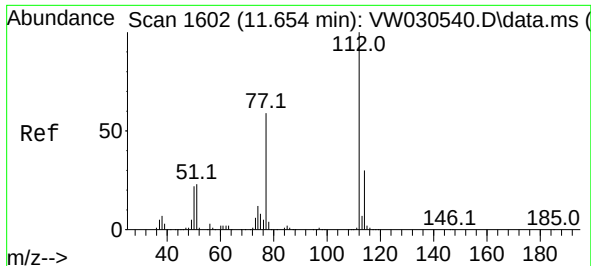
Ion Ratio Lower Upper

107 100

109 94.5 63.8 118.6

188 3.4 2.6 3.8

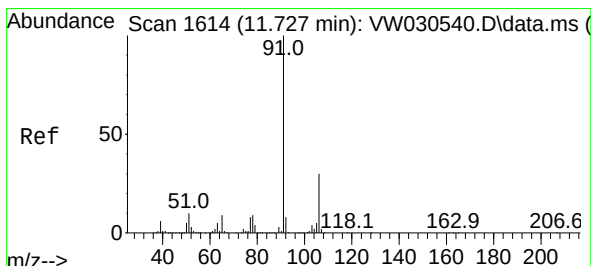
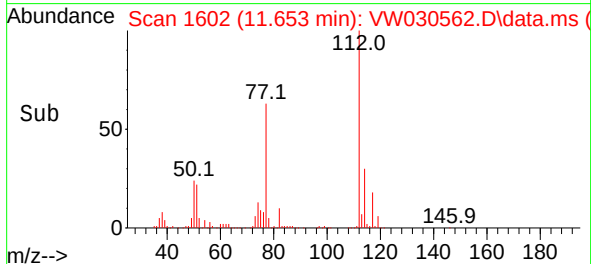
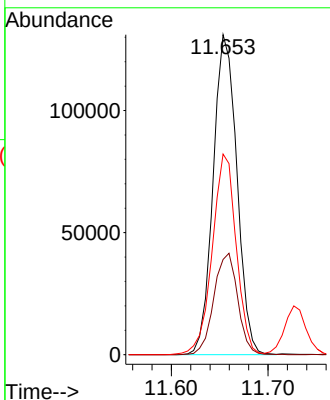
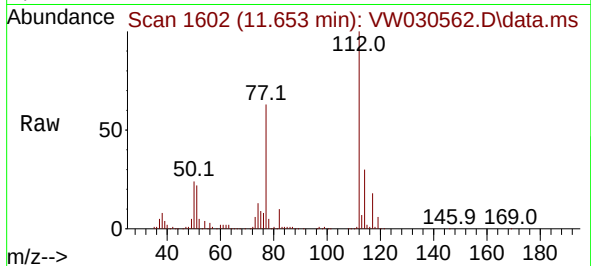




#51
Chlorobenzene
Concen: 13.812 ug/L
RT: 11.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

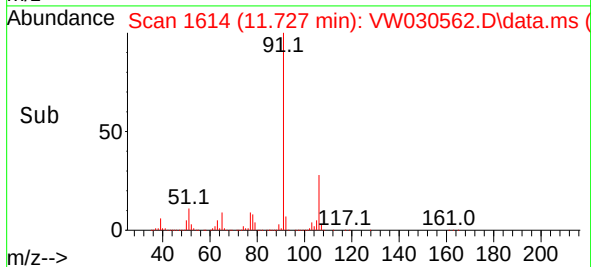
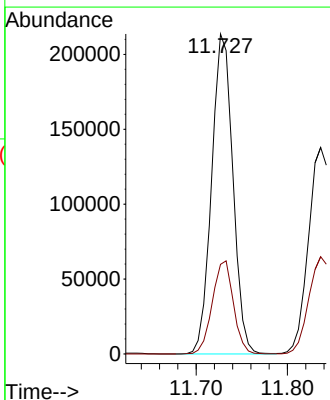
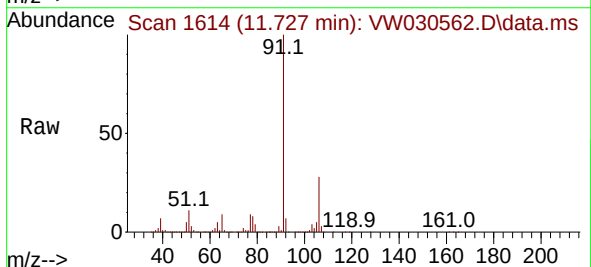
Instrument :
MSVOA_W
ClientSampleId :

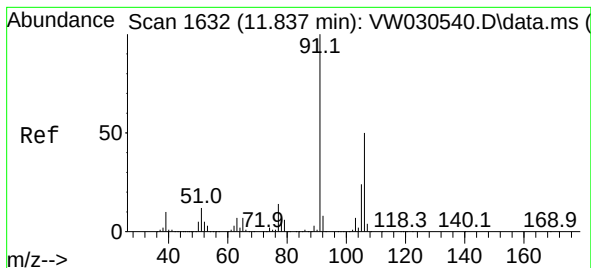
Tgt Ion:112 Resp: 223212
Ion Ratio Lower Upper
112 100
114 29.8 22.4 41.6
77 62.7 47.1 70.7



#52
Ethylbenzene
Concen: 12.062 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion: 91 Resp: 345537
Ion Ratio Lower Upper
91 100
106 28.0 21.1 39.1

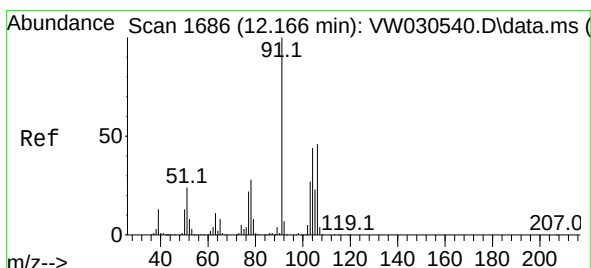
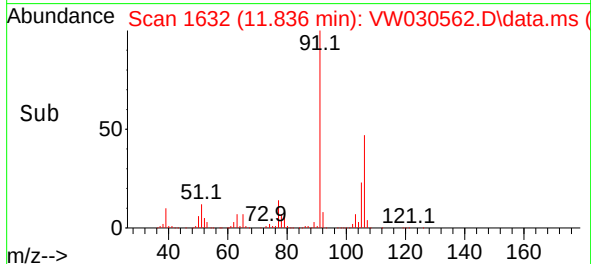
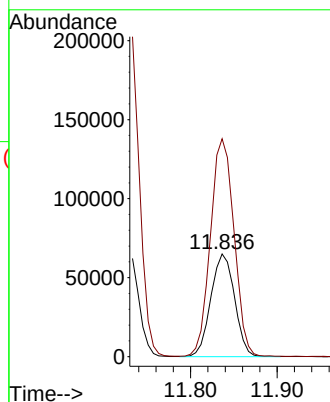
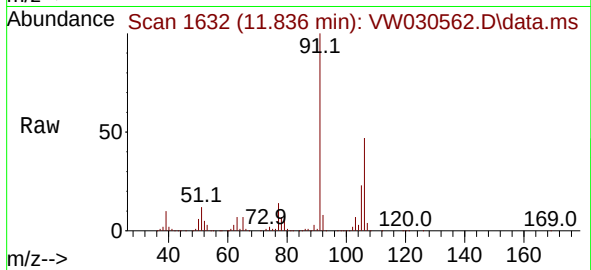




#53
m,p-Xylene
Concen: 11.530 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

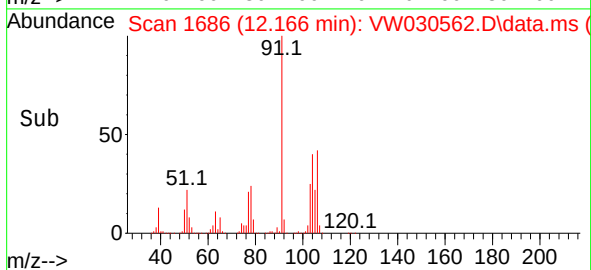
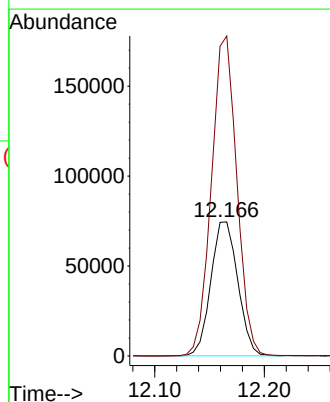
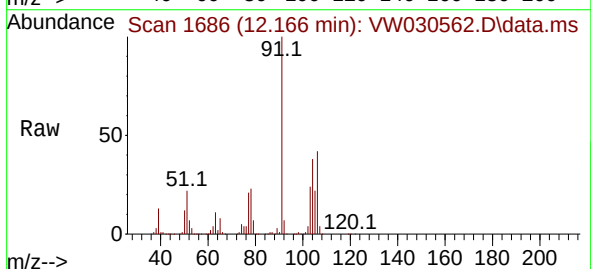
Instrument :
MSVOA_W
ClientSampleId :

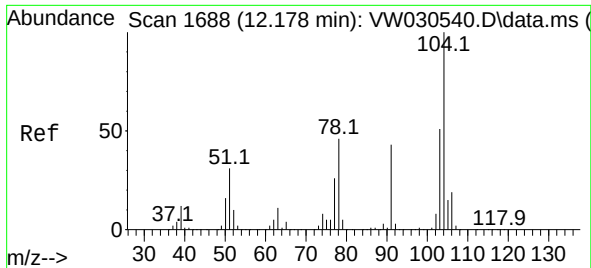
Tgt Ion:106 Resp: 123742
Ion Ratio Lower Upper
106 100
91 212.2 140.6 261.2



#54
o-Xylene
Concen: 12.797 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion:106 Resp: 126972
Ion Ratio Lower Upper
106 100
91 238.8 144.5 268.4

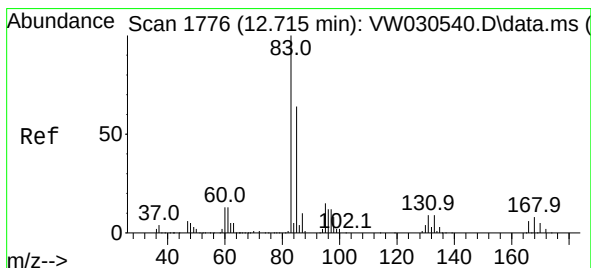
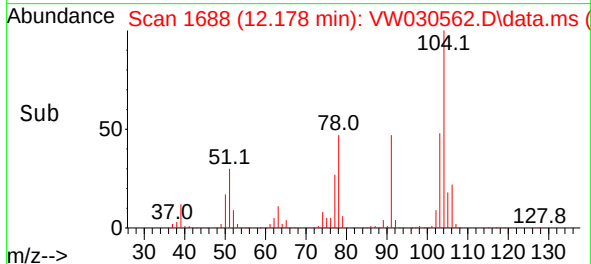
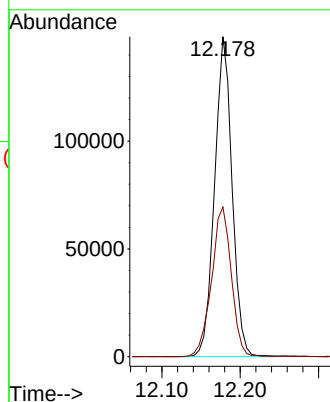
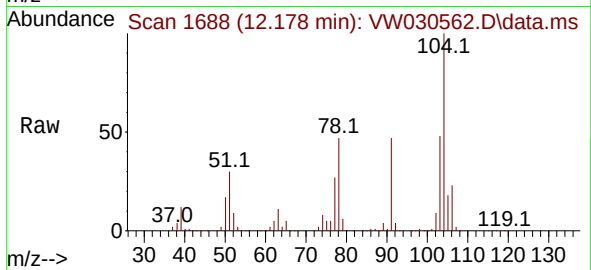




#55
Styrene
Concen: 13.621 ug/L
RT: 12.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

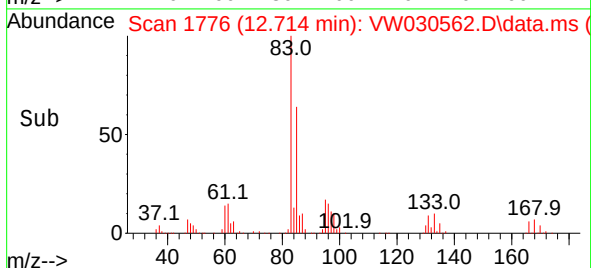
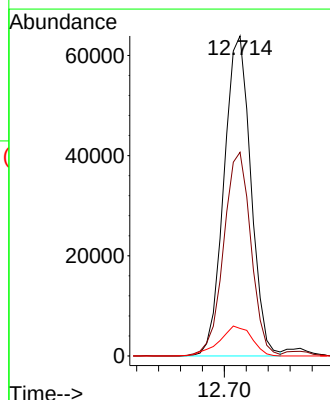
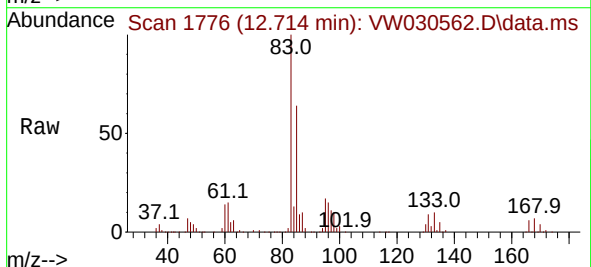
Instrument :
MSVOA_W
ClientSampleId :

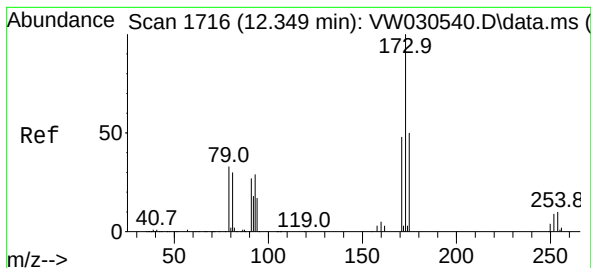
Tgt Ion:104 Resp: 231028
Ion Ratio Lower Upper
104 100
78 46.8 34.3 63.7



#57
1,1,2,2-Tetrachloroethane
Concen: 22.672 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion: 83 Resp: 108598
Ion Ratio Lower Upper
83 100
85 63.7 42.6 79.2
131 8.6 7.4 11.0





#59

Bromoform

Concen: 23.333 ug/L

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030562.D

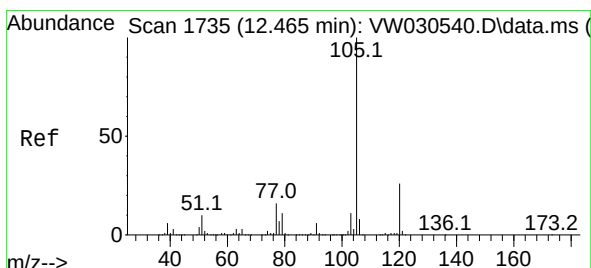
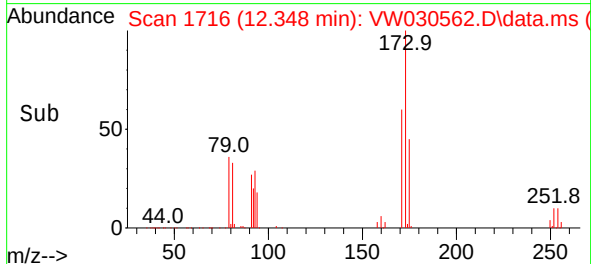
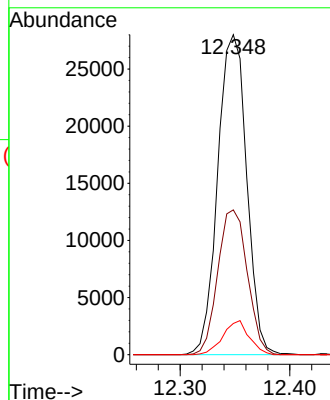
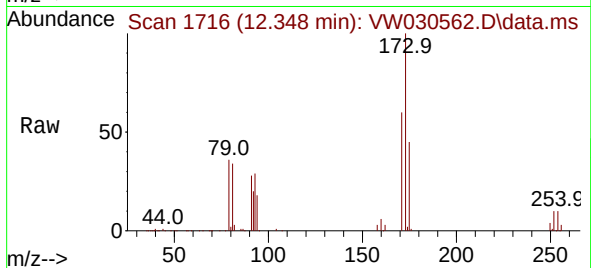
Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	51385
Ion Ratio	Lower	Upper
173	100	
175	46.3	39.0 58.4
254	9.7	7.7 11.5



#60

Isopropylbenzene

Concen: 11.701 ug/L

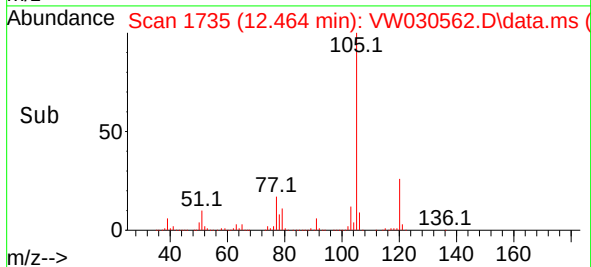
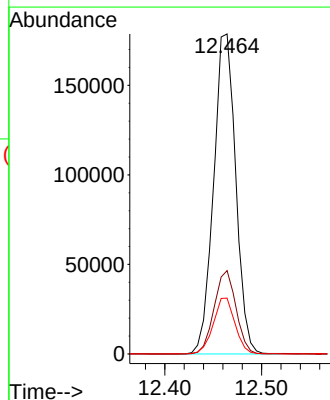
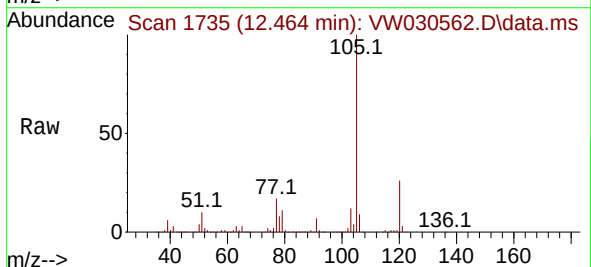
RT: 12.464 min Scan# 1735

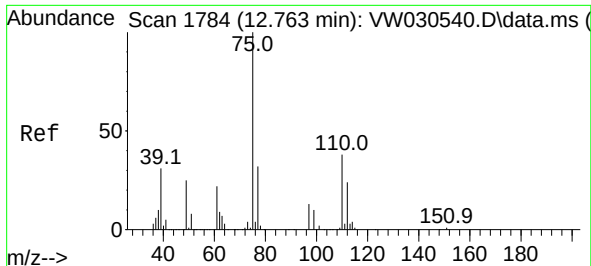
Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Tgt Ion:105	Resp:	284040
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.6 31.0
77	17.2	13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 25.268 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

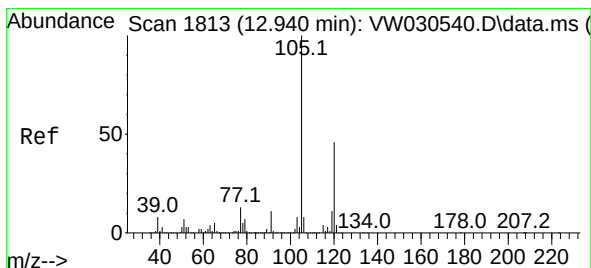
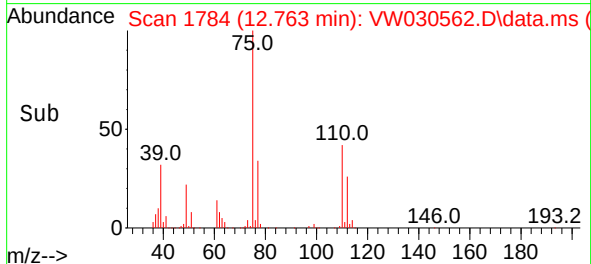
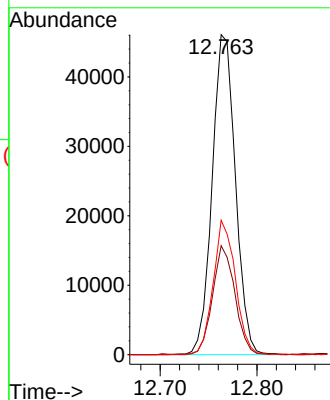
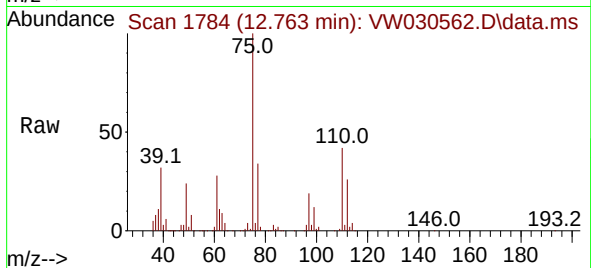
Tgt Ion: 75 Resp: 77072

Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

110 40.0 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 11.683 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030562.D

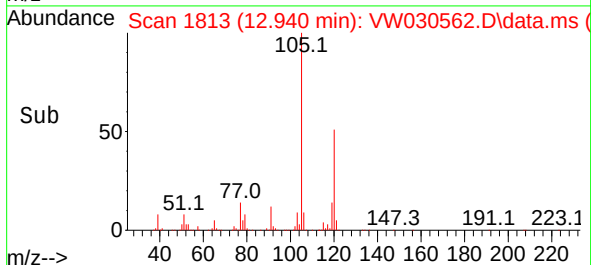
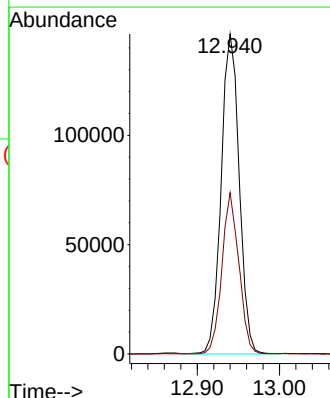
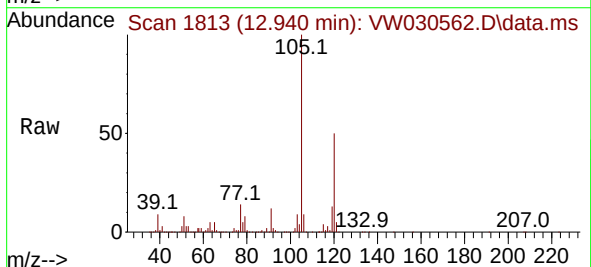
Acq: 11 Oct 2024 20:25

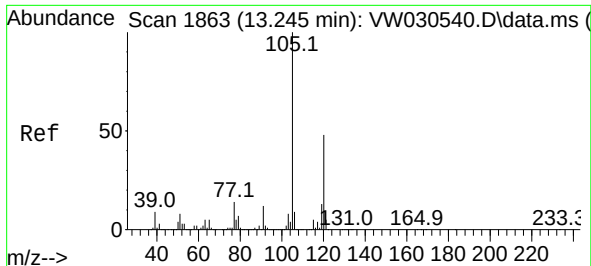
Tgt Ion:105 Resp: 223738

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 12.162 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

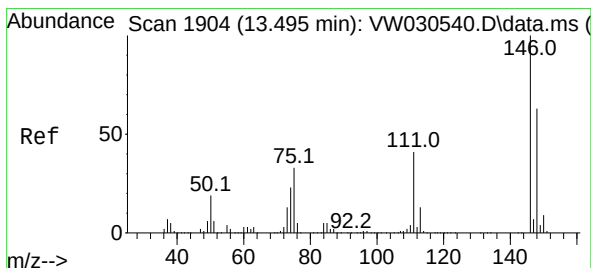
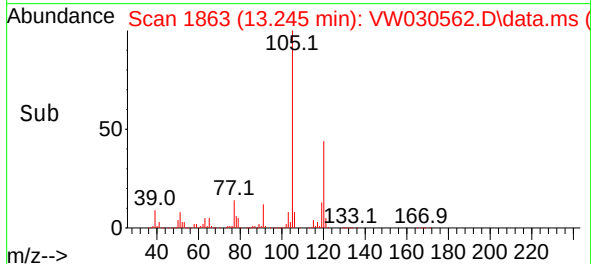
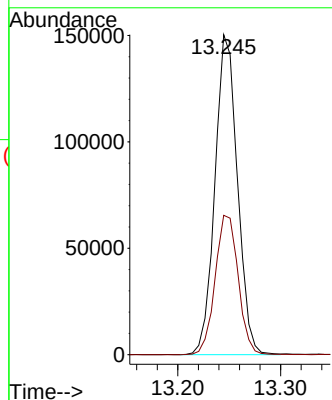
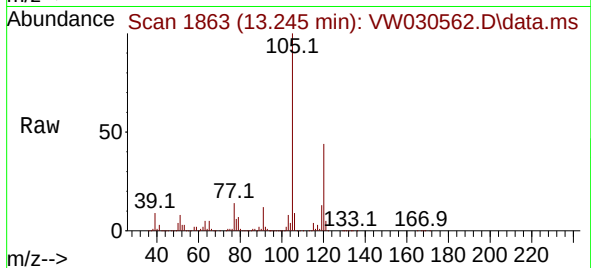
ClientSampleId :

Tgt Ion:105 Resp: 228048

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 12.924 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

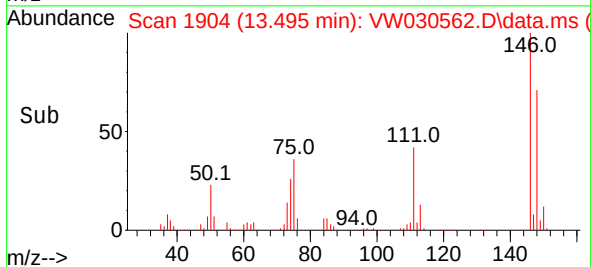
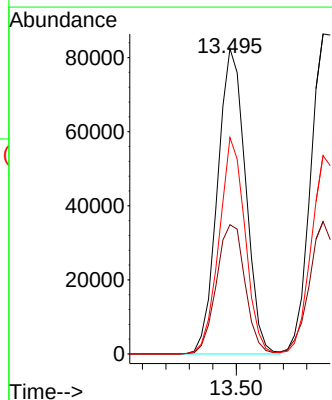
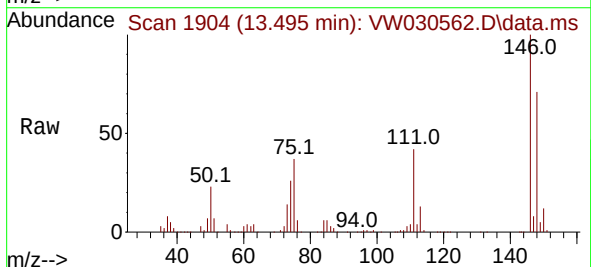
Tgt Ion:146 Resp: 136561

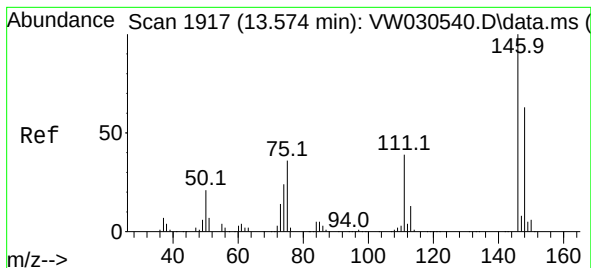
Ion Ratio Lower Upper

146 100

111 42.4 31.2 58.0

148 70.9 45.7 84.9

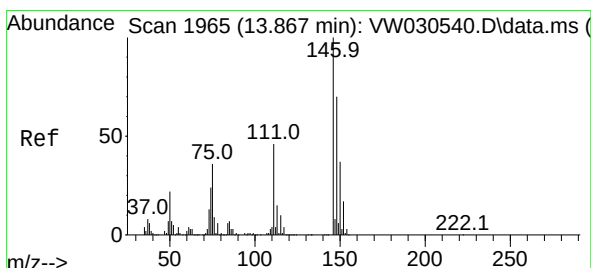
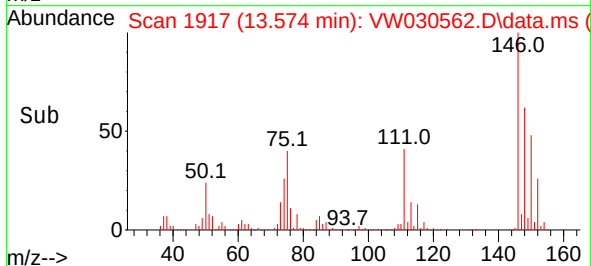
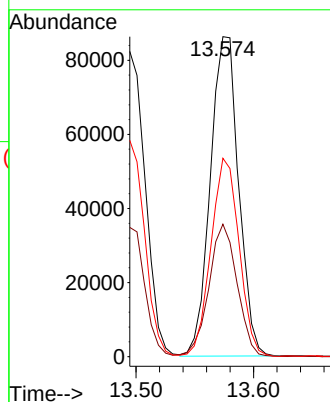
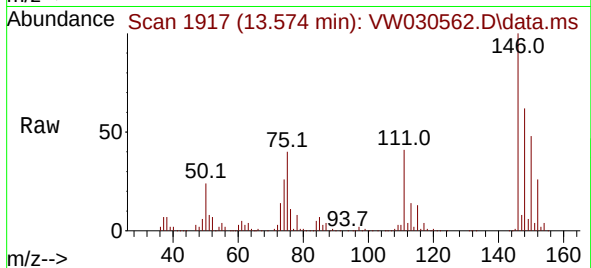




#65
1,4-Dichlorobenzene
Concen: 13.251 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

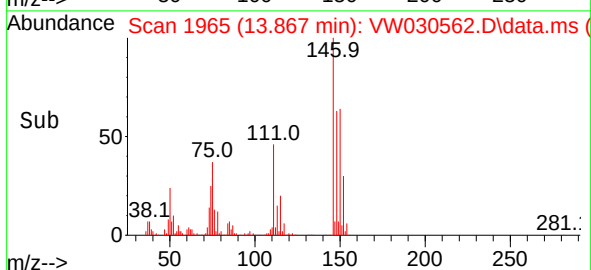
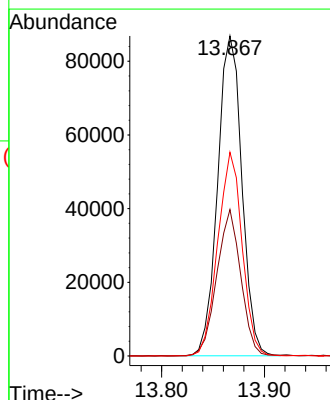
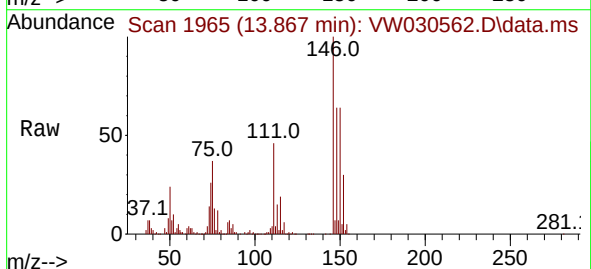
Instrument :
MSVOA_W
ClientSampleId :

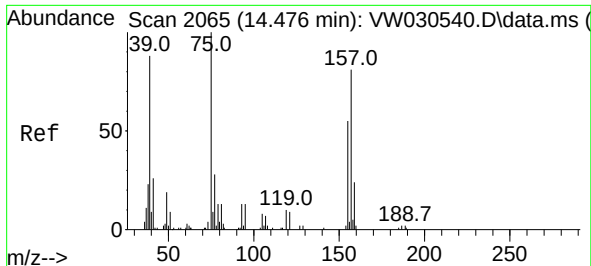
Tgt Ion:146 Resp: 144568
Ion Ratio Lower Upper
146 100
111 41.4 26.8 49.8
148 62.0 41.0 76.2



#67
1,2-Dichlorobenzene
Concen: 15.301 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030562.D
Acq: 11 Oct 2024 20:25

Tgt Ion:146 Resp: 142266
Ion Ratio Lower Upper
146 100
111 45.8 34.6 52.0
148 63.6 53.3 79.9





#68

1,2-Dibromo-3-chloropropane

Concen: 24.814 ug/L

RT: 14.482 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :

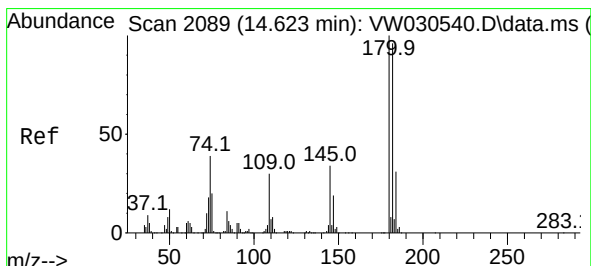
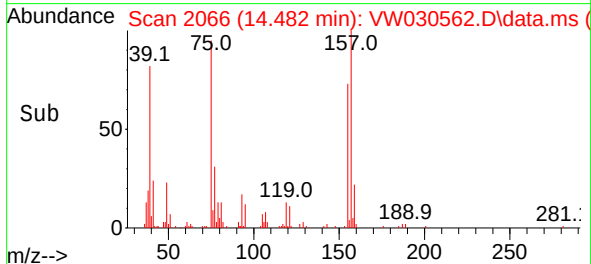
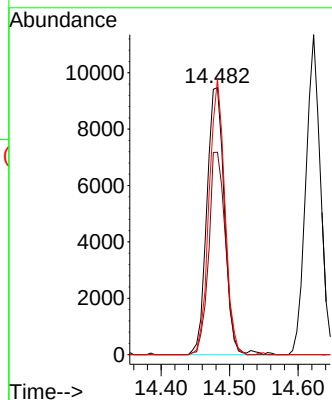
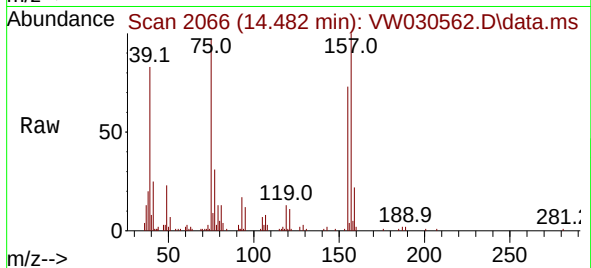
Tgt Ion: 75 Resp: 16876

Ion Ratio Lower Upper

75 100

155 75.8 57.9 86.9

157 103.3 69.0 103.6



#69

1,3,5-Trichlorobenzene

Concen: 11.834 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Tgt Ion:180 Resp: 82451

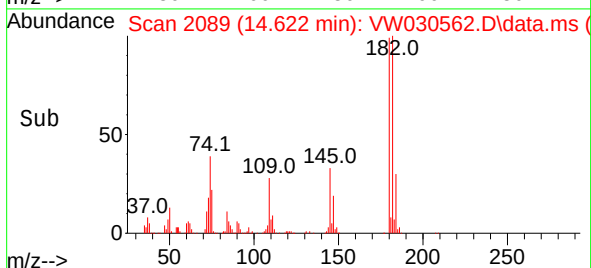
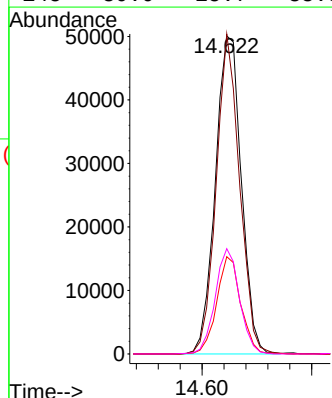
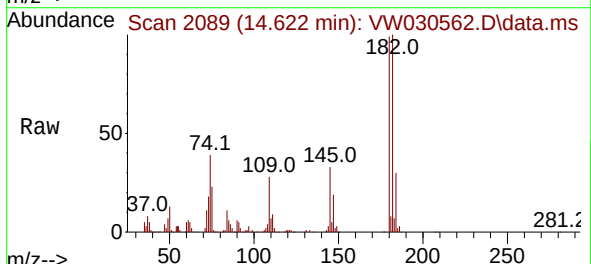
Ion Ratio Lower Upper

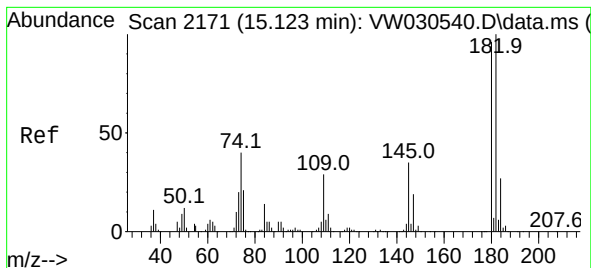
180 100

182 90.4 79.9 119.9

184 28.4 25.2 37.8

145 30.9 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 13.144 ug/L

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

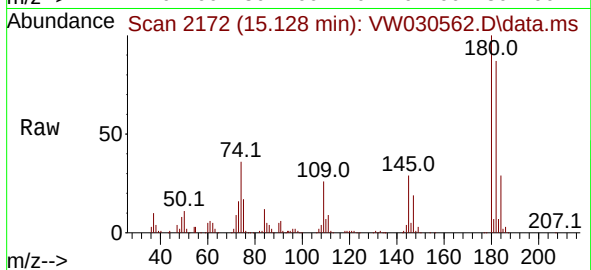
Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

Instrument :

MSVOA_W

ClientSampleId :



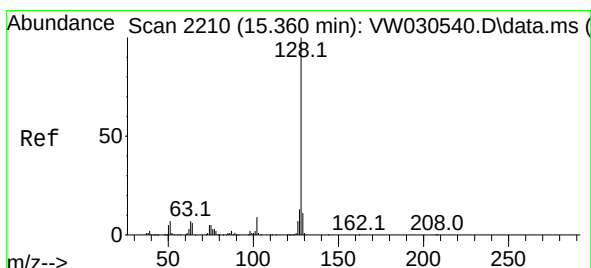
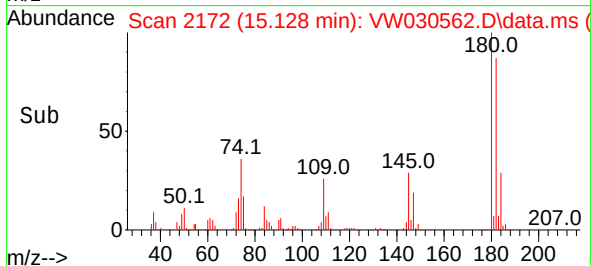
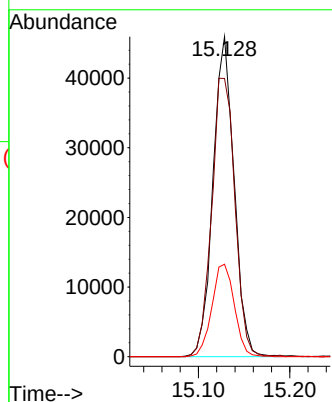
Tgt Ion:180 Resp: 73726

Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 30.7 25.4 38.2



#71

Naphthalene

Concen: 20.400 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030562.D

Acq: 11 Oct 2024 20:25

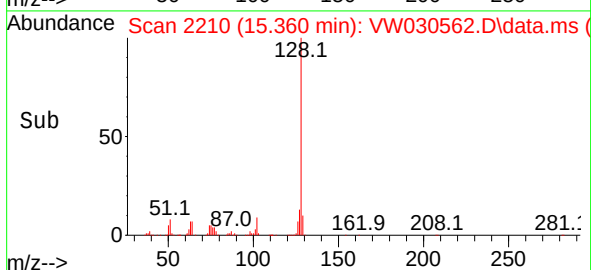
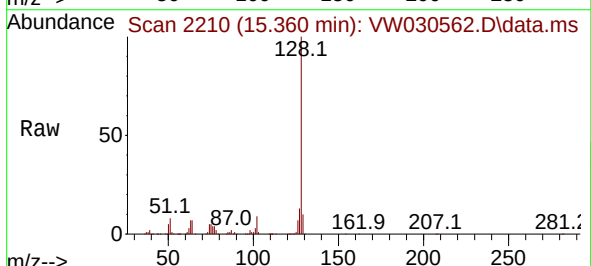
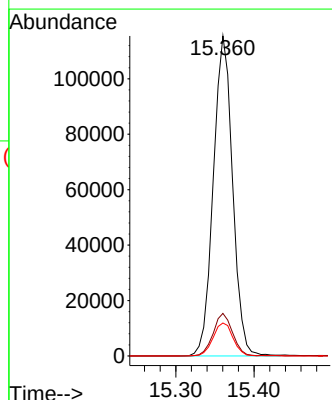
Tgt Ion:128 Resp: 197694

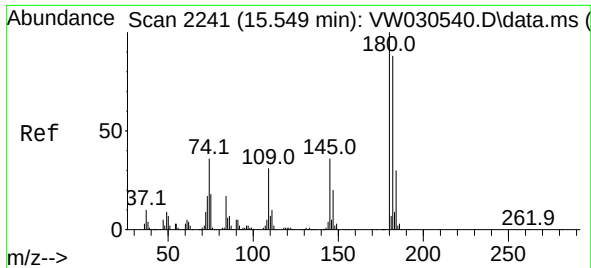
Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.7 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 14.533 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030562.D
 Acq: 11 Oct 2024 20:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 70669
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.4
 145 33.8 27.4 41.2

