

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030520.D
 Acq On : 10 Oct 2024 19:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 01:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 01:19:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322600	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115970	22.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
7) Chloroethane-d5	2.814	69	118	0.031	ug/L	-0.09
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	4.027	65	47496	22.520	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.081	46	45870	50.266	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.540%
24) Chloroform-d	7.648	84	222843	24.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.307	65	117117	24.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	422877	23.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.276	67	121205	23.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.325	98	398953	24.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	10.581	79	52547	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.922	63	36732	54.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96062	24.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	13.855	152	130365	25.515	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100512	24.386	ug/L	92
3) Chloromethane	2.223	50	109092	22.773	ug/L	98
5) Vinyl chloride	2.375	62	140039	23.771	ug/L	99
6) Bromomethane	2.796	94	94524	24.377	ug/L	89
8) Chloroethane	2.942	64	88099	24.464	ug/L	98
9) Trichlorofluoromethane	3.271	101	115834	21.975	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103180	21.757	ug/L	96
12) 1,1-Dichloroethene	4.045	96	101663	23.489	ug/L	98
13) Acetone	4.125	43	57910	43.346	ug/L	97
14) Carbon disulfide	4.393	76	325418	23.024	ug/L	100
15) Methyl Acetate	4.679	43	41002	24.845	ug/L	98
16) Methylene chloride	4.923	84	113159	23.202	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	112445	24.076	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	177387	27.138	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202261	23.301	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	121854	24.461	ug/L	98
22) 2-Butanone	7.173	43	64999	45.135	ug/L	100
23) Bromochloromethane	7.514	128	51067	23.433	ug/L	82
25) Chloroform	7.679	83	218324	23.536	ug/L	99

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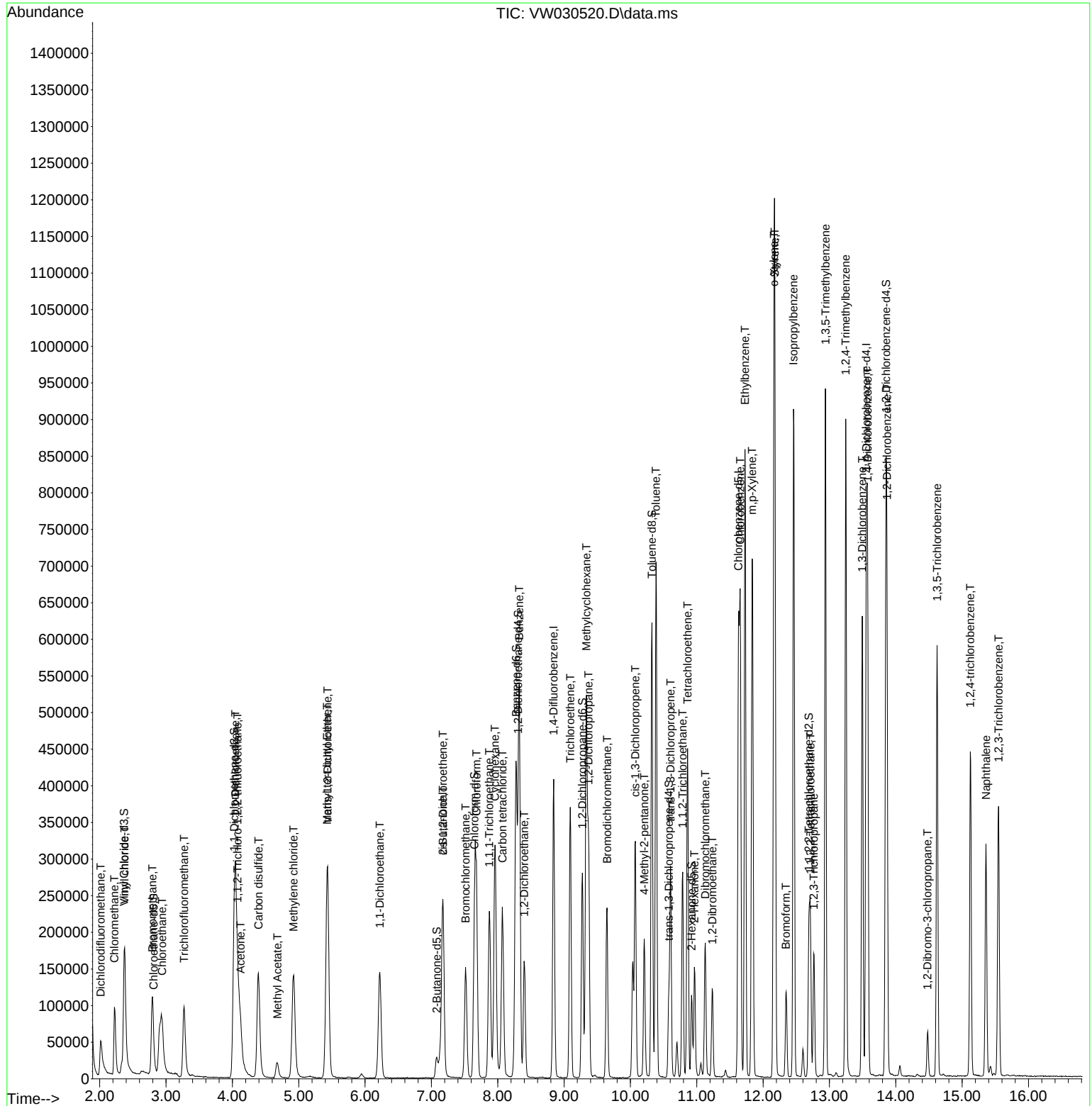
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143920	23.518	ug/L	98
29) Cyclohexane	7.959	56	179689	23.925	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	180892	22.086	ug/L	99
31) Carbon tetrachloride	8.069	117	160243	21.906	ug/L	100
33) Benzene	8.325	78	466808	23.250	ug/L	100
34) Trichloroethene	9.093	95	124745	22.332	ug/L	99
35) Methylcyclohexane	9.337	83	206580	23.500	ug/L	98
37) 1,2-Dichloropropane	9.368	63	115603	23.053	ug/L	99
38) Bromodichloromethane	9.648	83	153680	23.035	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	179296	23.704	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	120357	49.961	ug/L	100
42) Toluene	10.386	91	509552	23.788	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149402	23.506	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	84335	23.270	ug/L	97
46) Tetrachloroethene	10.861	164	97427	23.648	ug/L	93
48) 2-Hexanone	10.965	43	92457	46.931	ug/L	98
49) Dibromochloromethane	11.129	129	91298	22.577	ug/L	99
50) 1,2-Dibromoethane	11.233	107	80068	23.677	ug/L	96
51) Chlorobenzene	11.654	112	309651	22.457	ug/L	99
52) Ethylbenzene	11.727	91	584865	23.929	ug/L	99
53) m,p-Xylene	11.837	106	220469	24.077	ug/L	95
54) o-Xylene	12.166	106	203902	24.086	ug/L	86
55) Styrene	12.178	104	340155	23.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	96832	23.693	ug/L	95
59) Bromoform	12.343	173	51084	24.078	ug/L	98
60) Isopropylbenzene	12.459	105	580007	24.802	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	67941	23.122	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	470236	25.488	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	464359	25.707	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	236667	23.250	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	254768	24.240	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	212818	23.760	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14858	22.677	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	171407	25.536	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	126395	23.391	ug/L	96
71) Naphthalene	15.360	128	256959	27.524	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111021	23.699	ug/L	99

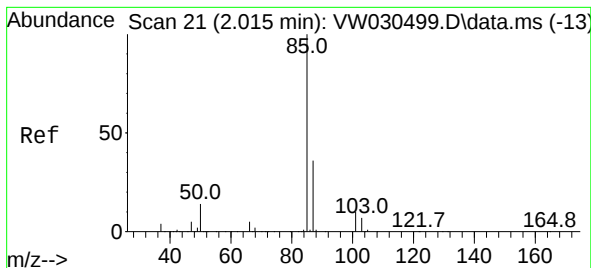
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.386 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

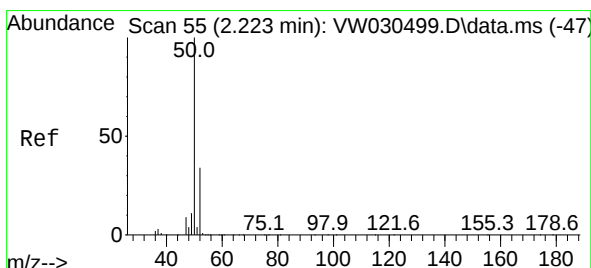
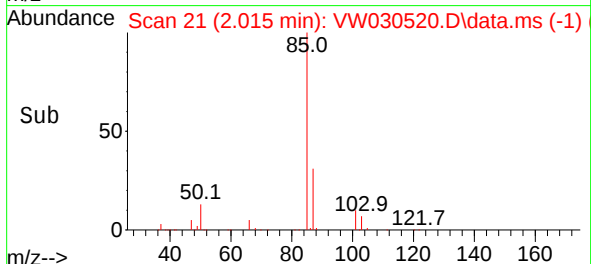
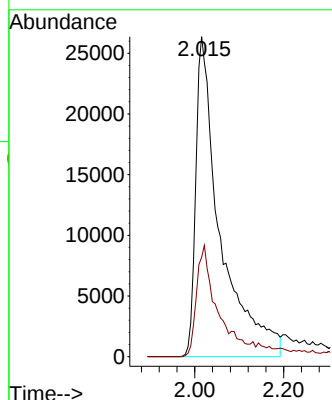
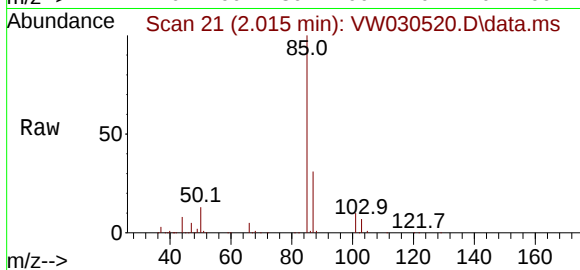
ClientSampleId :

Tgt Ion: 85 Resp: 100512

Ion Ratio Lower Upper

85 100

87 25.6 23.8 35.6



#3

Chloromethane

Concen: 22.773 ug/L

RT: 2.223 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW030520.D

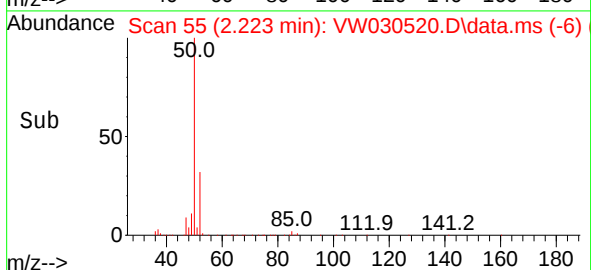
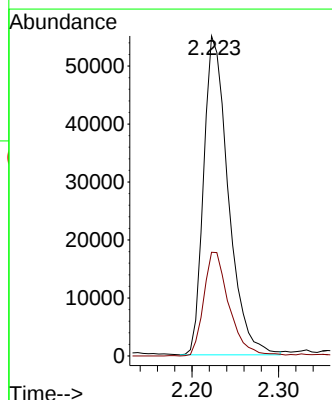
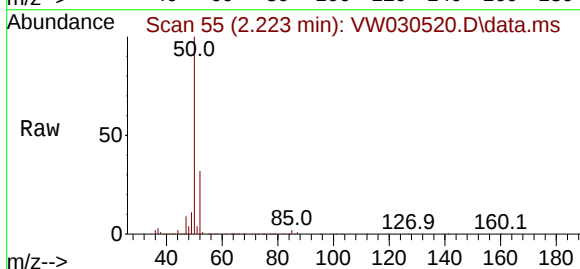
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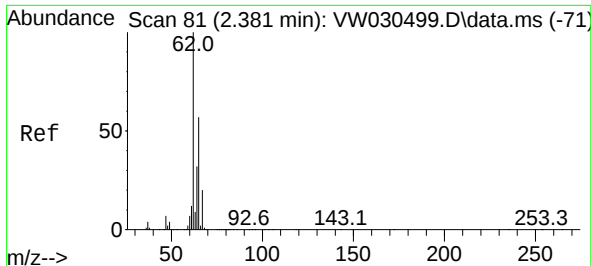
Tgt Ion: 50 Resp: 109092

Ion Ratio Lower Upper

50 100

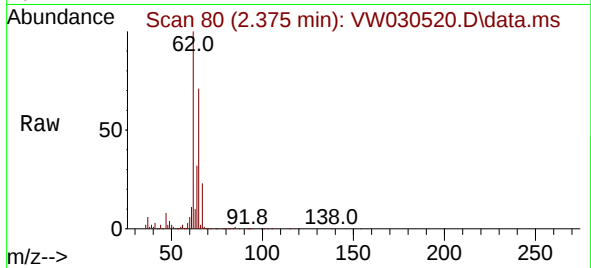
52 32.4 23.7 43.9



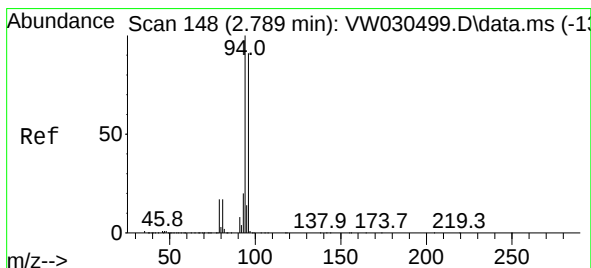
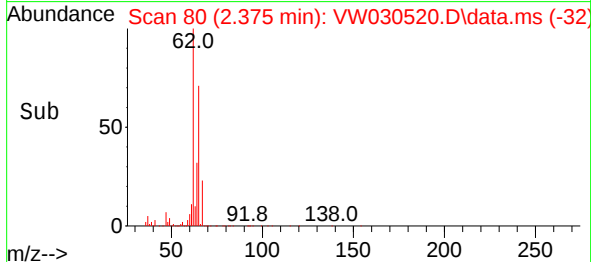
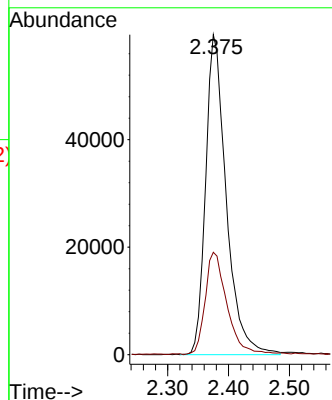


#5
 Vinyl chloride
 Concen: 23.771 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW030520.D
 Acq: 10 Oct 2024 19:05

Instrument :
 MSVOA_W
 ClientSampleId :

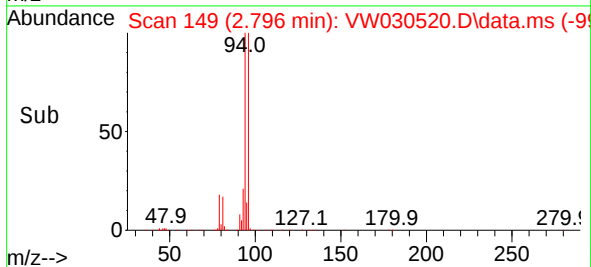
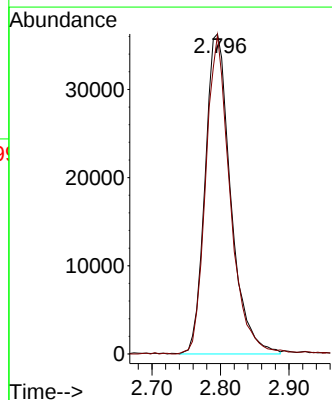
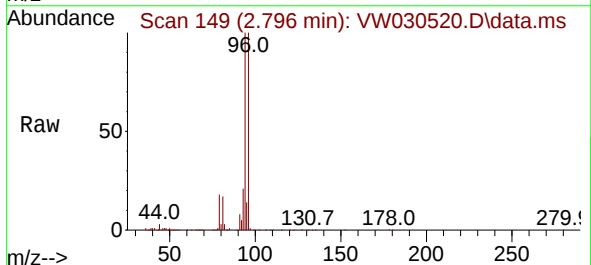


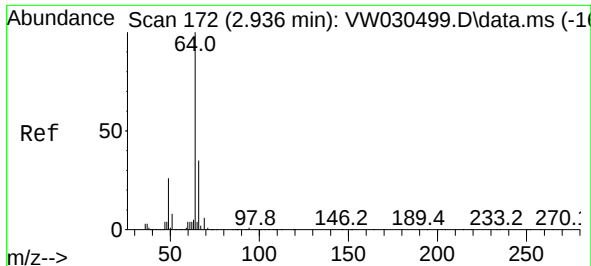
Tgt Ion: 62 Resp: 140039
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.6 42.0



#6
 Bromomethane
 Concen: 24.377 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030520.D
 Acq: 10 Oct 2024 19:05

Tgt Ion: 94 Resp: 94524
 Ion Ratio Lower Upper
 94 100
 96 99.6 62.6 116.2

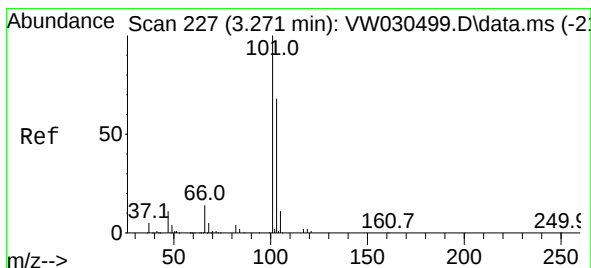
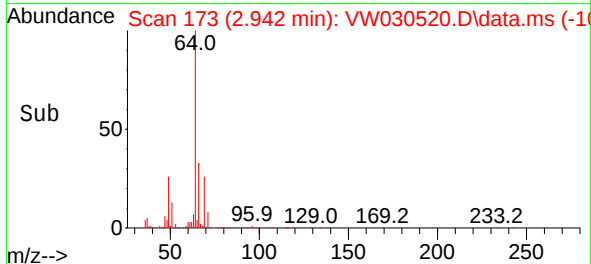
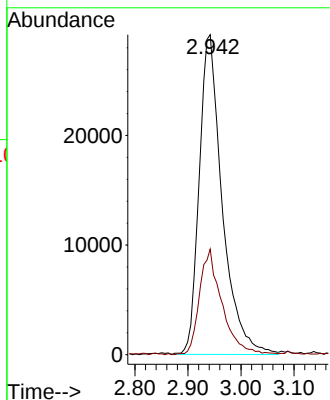
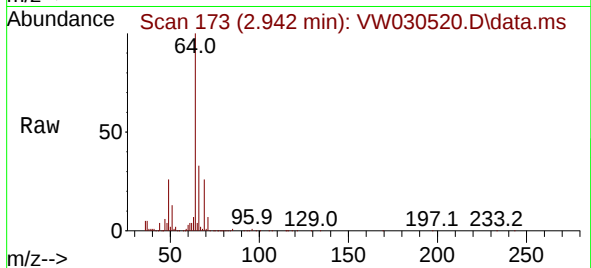




#8
Chloroethane
Concen: 24.464 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

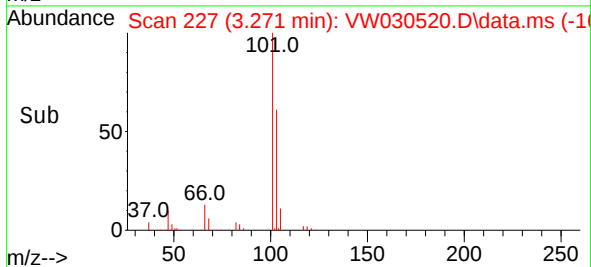
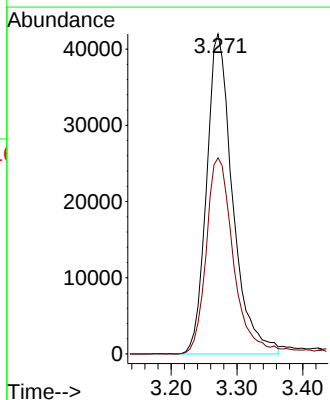
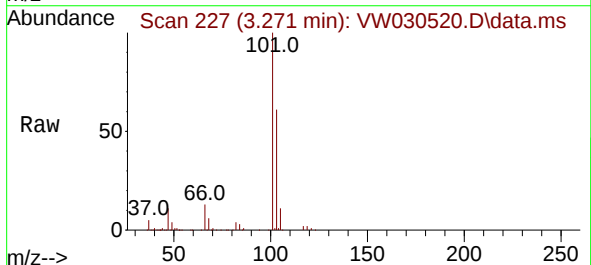
Instrument :
MSVOA_W
ClientSampleId :

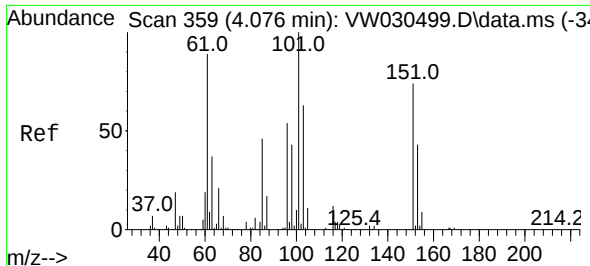
Tgt Ion: 64 Resp: 88099
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.975 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion: 101 Resp: 115834
Ion Ratio Lower Upper
101 100
103 63.0 51.1 76.7





#10

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

Concen: 21.757 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

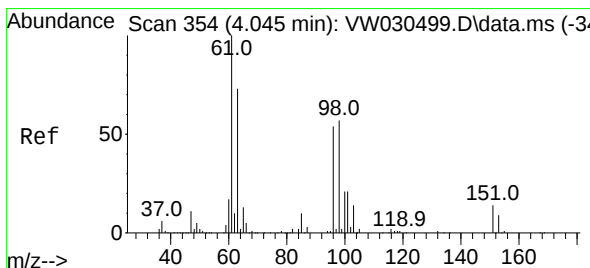
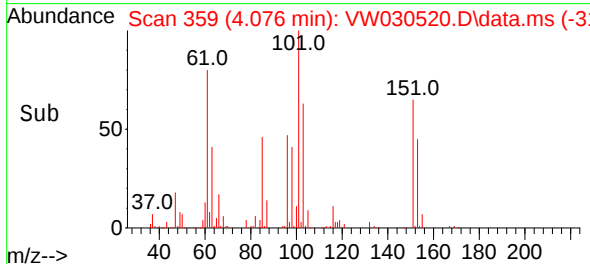
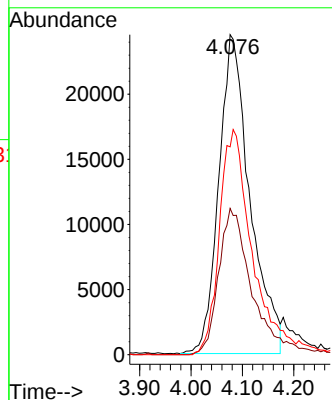
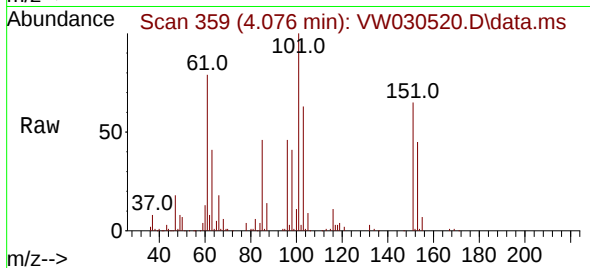
Tgt Ion:101 Resp: 103180

Ion Ratio Lower Upper

101 100

85 46.9 35.7 53.5

151 73.2 56.1 84.1



#12

1,1-Dichloroethene

Concen: 23.489 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

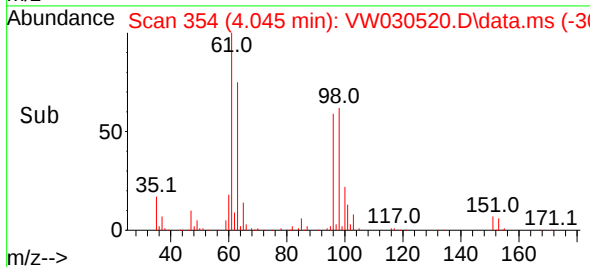
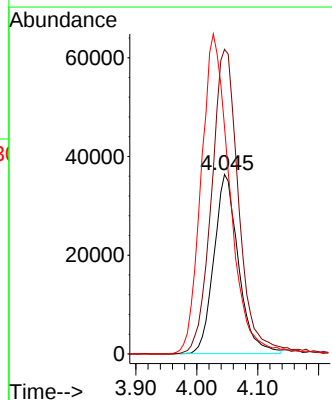
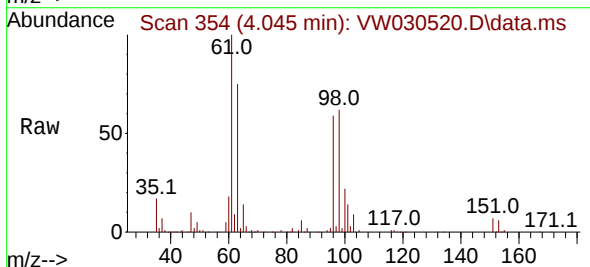
Tgt Ion: 96 Resp: 101663

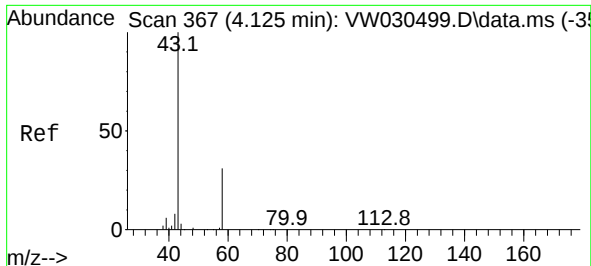
Ion Ratio Lower Upper

96 100

61 169.8 121.3 225.3

63 126.5 87.6 162.8

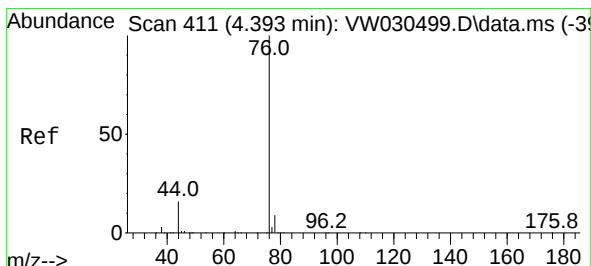
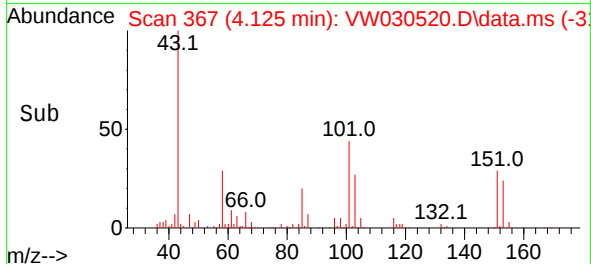
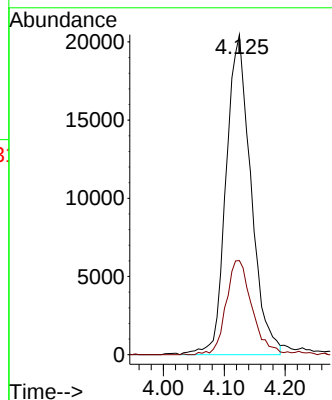
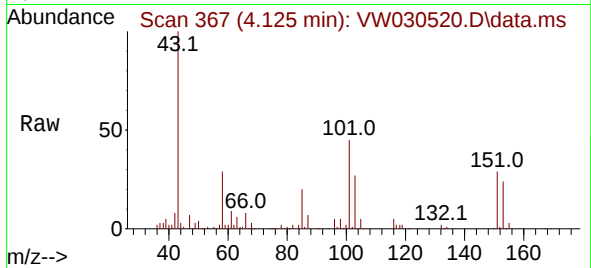




#13
Acetone
Concen: 43.346 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

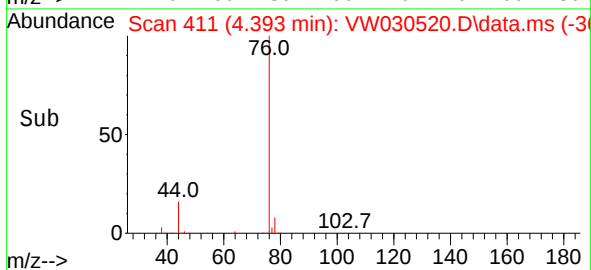
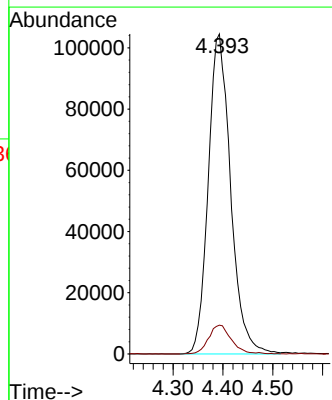
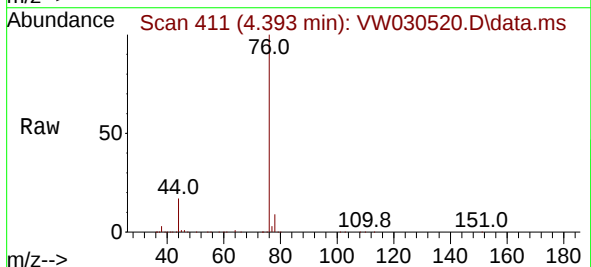
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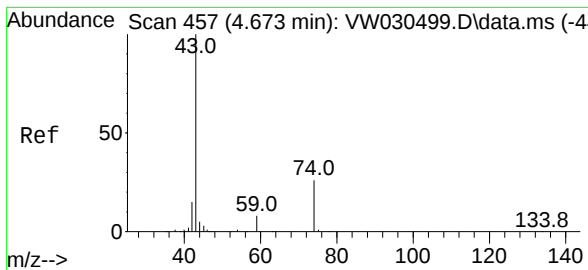
Tgt Ion: 43 Resp: 57910
Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.6



#14
Carbon disulfide
Concen: 23.024 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030520.D
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Tgt Ion: 76 Resp: 325418
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

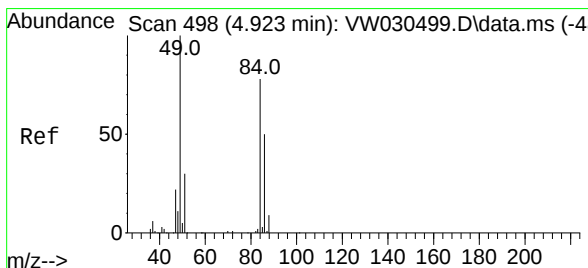
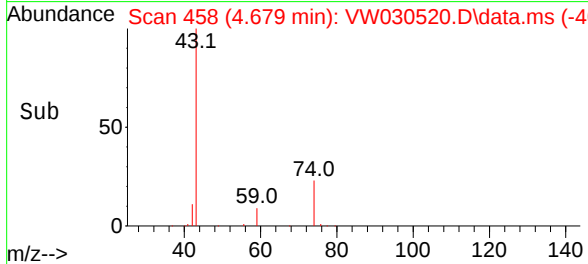
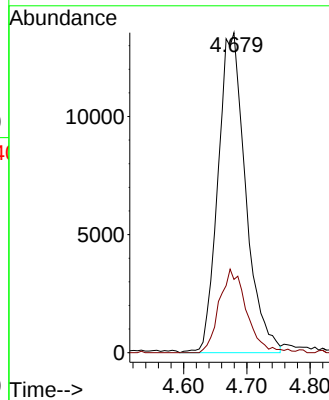
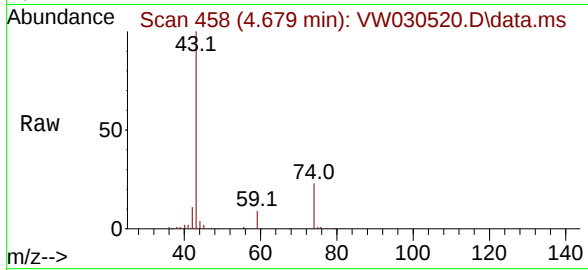




#15
Methyl Acetate
Concen: 24.845 ug/L
RT: 4.679 min Scan# 41002
Delta R.T. 0.006 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

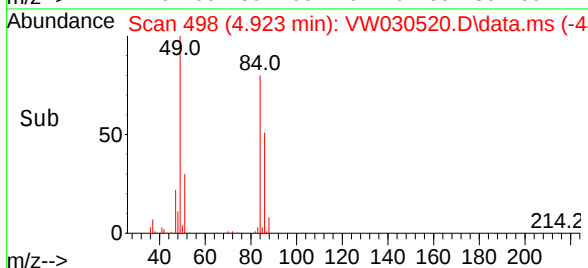
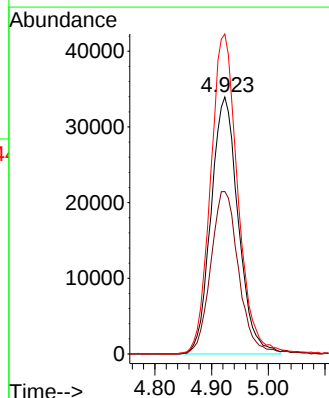
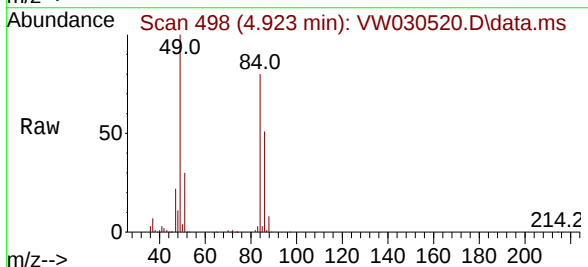
Instrument :
MSVOA_W
ClientSampleId :

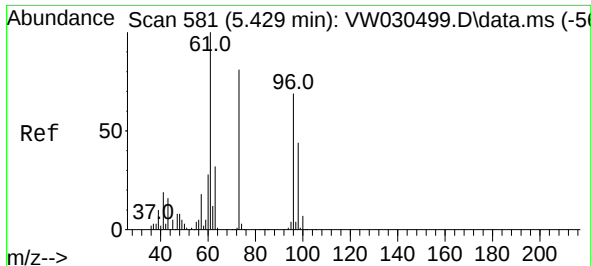
Tgt Ion: 43 Resp: 41002
Ion Ratio Lower Upper
43 100
74 25.1 19.3 28.9



#16
Methylene chloride
Concen: 23.202 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion: 84 Resp: 113159
Ion Ratio Lower Upper
84 100
86 63.2 43.8 81.3
49 124.5 88.3 164.1

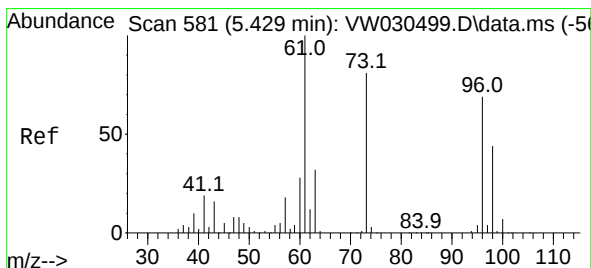
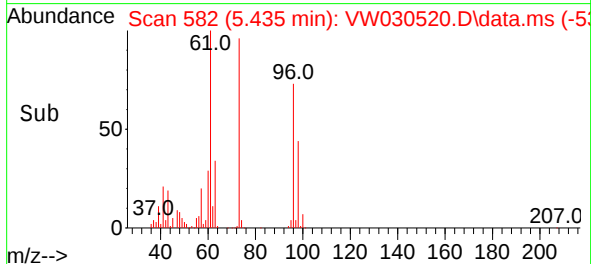
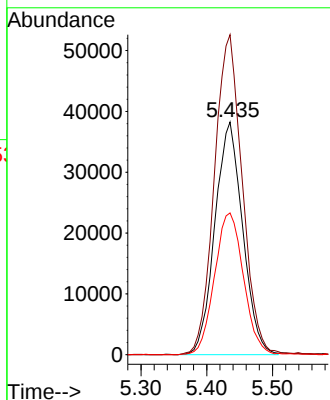
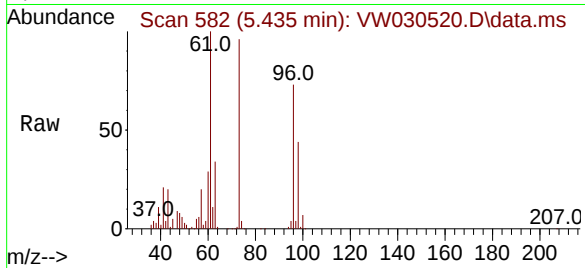




#17
trans-1,2-Dichloroethene
Concen: 24.076 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

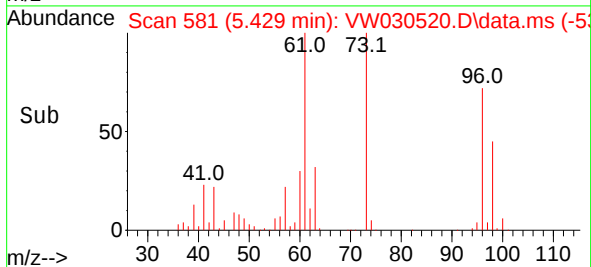
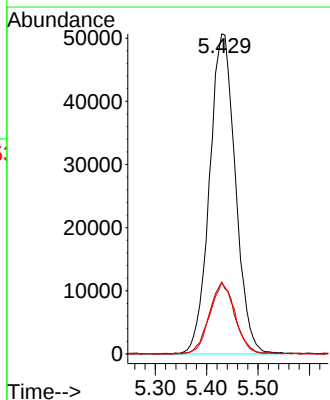
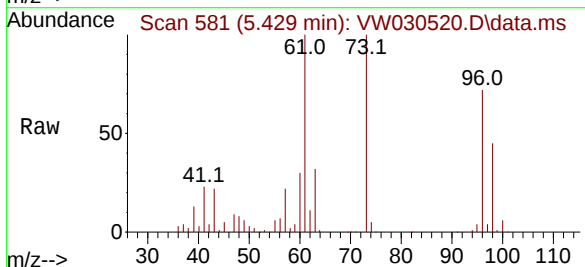
Instrument :
MSVOA_W
ClientSampleId :

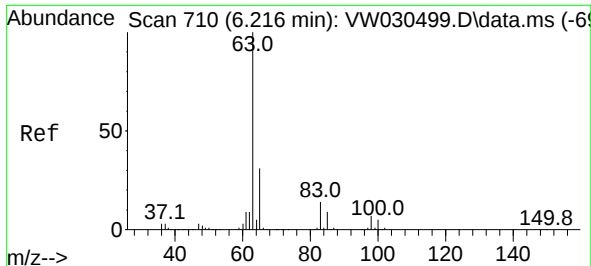
Tgt Ion: 96 Resp: 112445
Ion Ratio Lower Upper
96 100
61 137.6 96.9 179.9
98 60.9 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 27.138 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion: 73 Resp: 177387
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1
57 21.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 23.301 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

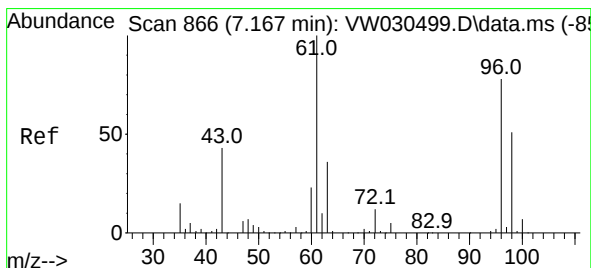
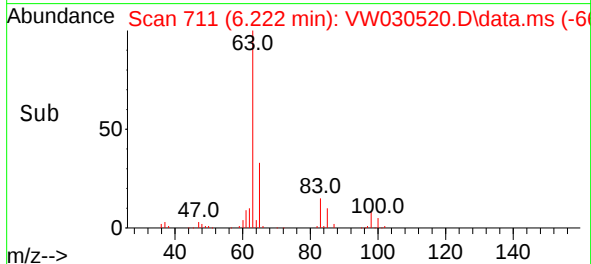
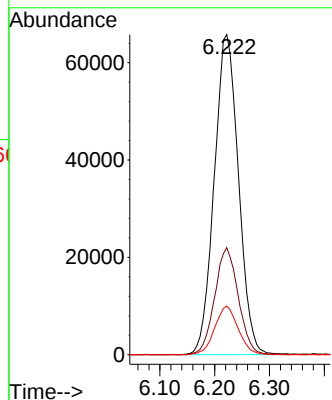
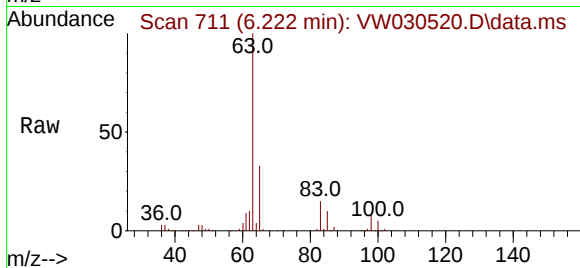
Tgt Ion: 63 Resp: 202261

Ion Ratio Lower Upper

63 100

65 33.5 22.5 41.9

83 15.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.461 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

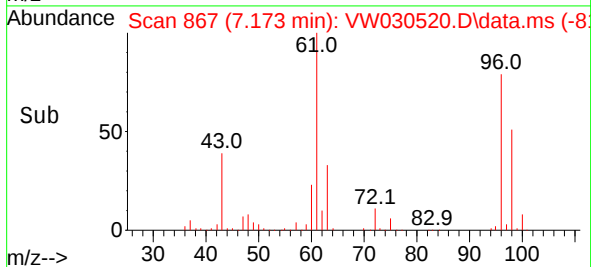
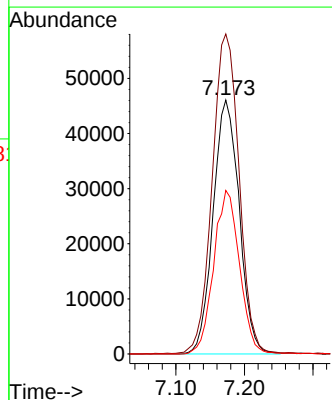
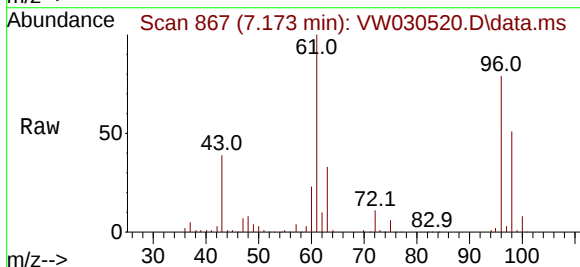
Tgt Ion: 96 Resp: 121854

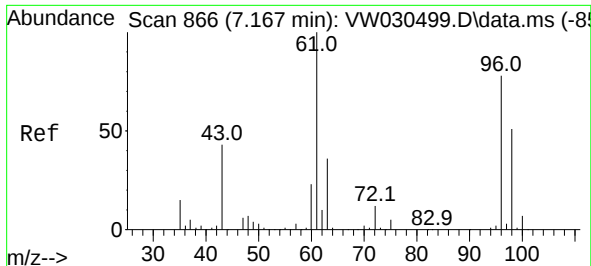
Ion Ratio Lower Upper

96 100

61 126.0 88.3 163.9

98 64.4 41.3 76.7





#22

2-Butanone

Concen: 45.135 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

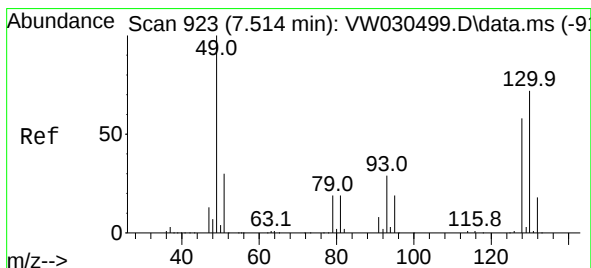
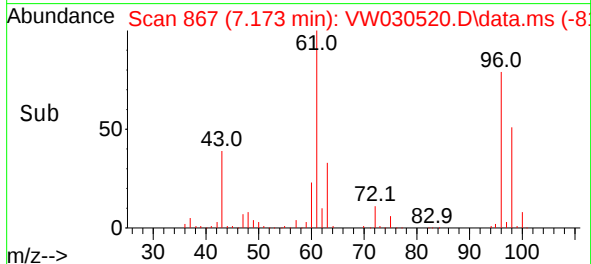
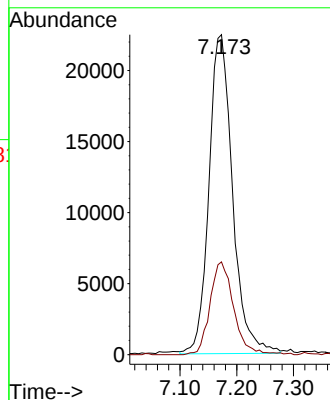
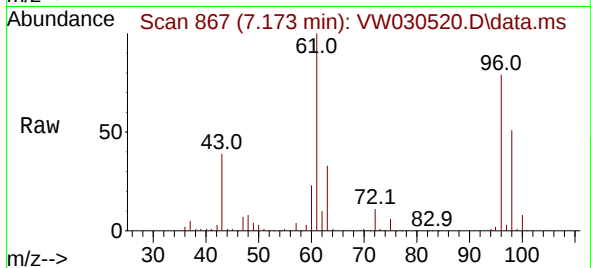
ClientSampleId :

Tgt Ion: 43 Resp: 64999

Ion Ratio Lower Upper

43 100

72 28.8 14.4 43.0



#23

Bromochloromethane

Concen: 23.433 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Tgt Ion: 128 Resp: 51067

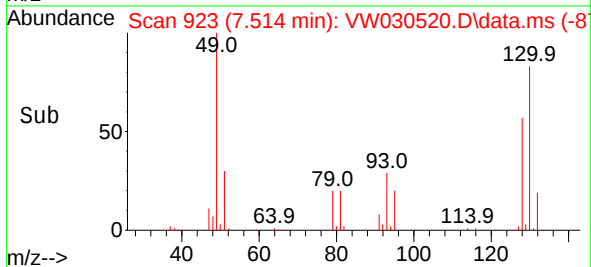
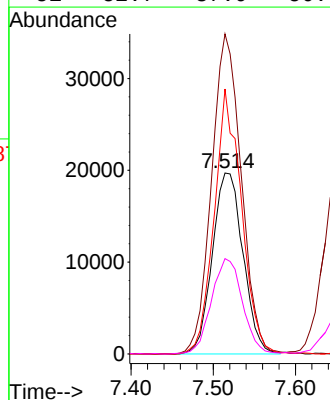
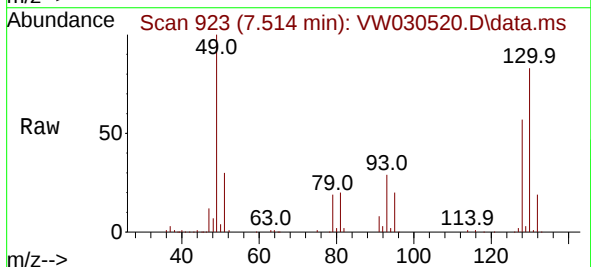
Ion Ratio Lower Upper

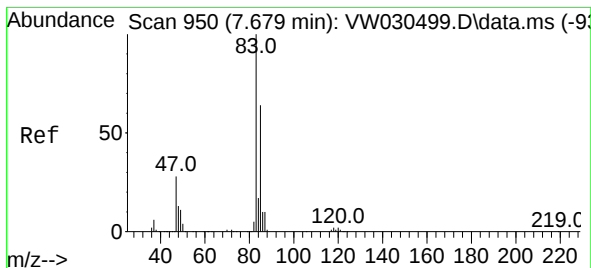
128 100

49 176.9 110.1 204.5

130 146.4 82.9 153.9

51 52.7 37.9 56.9





#25

Chloroform

Concen: 23.536 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

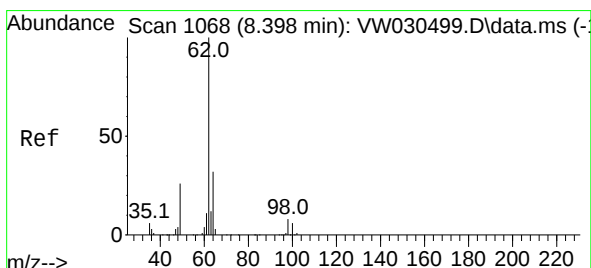
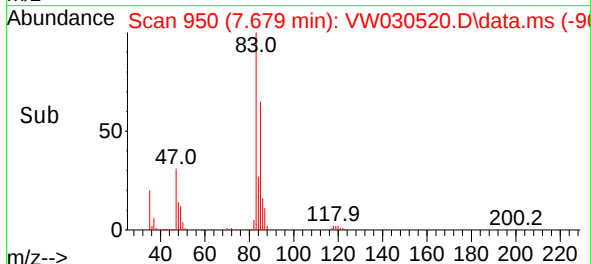
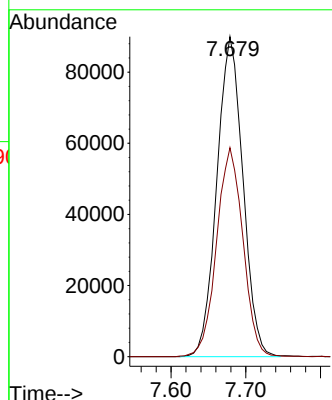
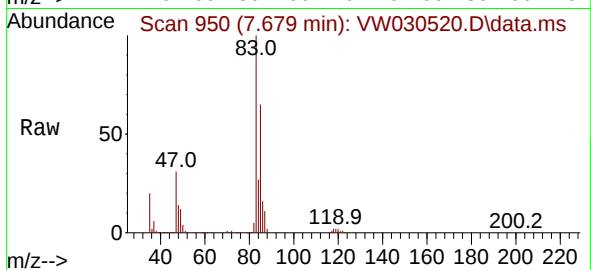
ClientSampleId :

Tgt Ion: 83 Resp: 218324

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.518 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030520.D

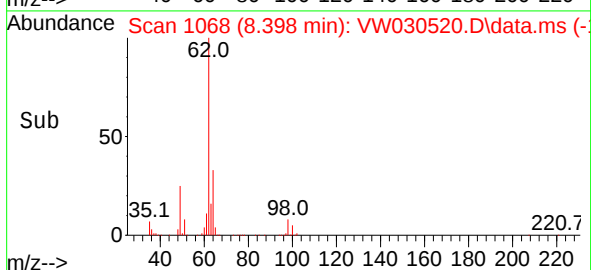
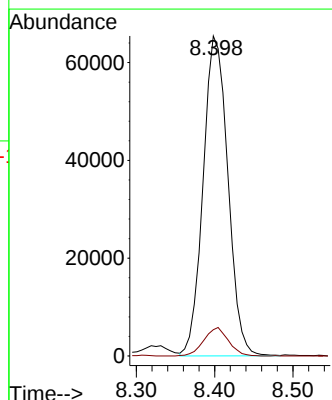
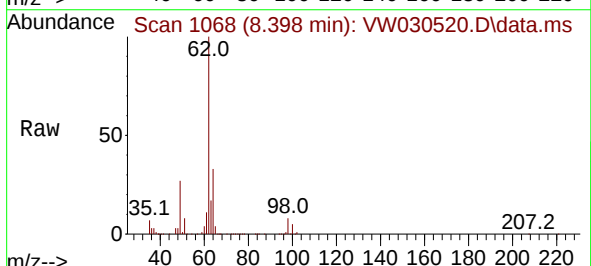
Acq: 10 Oct 2024 19:05

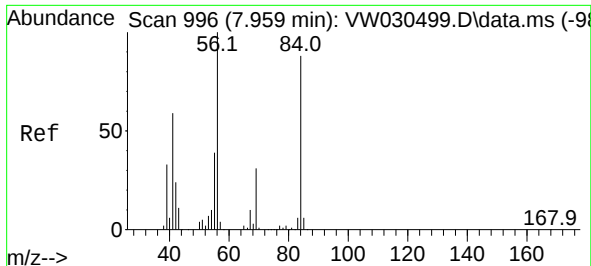
Tgt Ion: 62 Resp: 143920

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.6

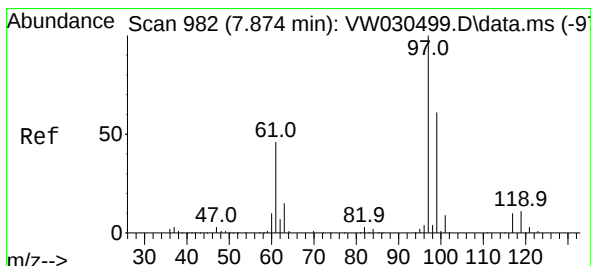
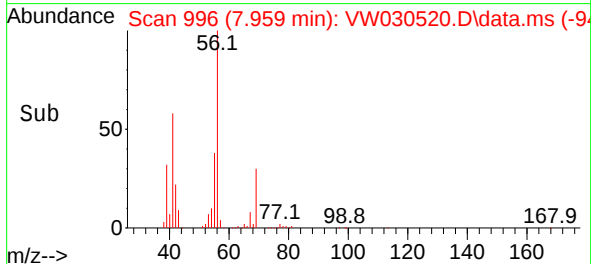
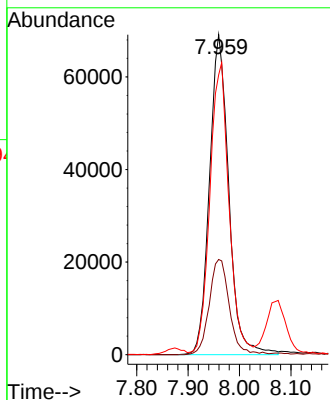
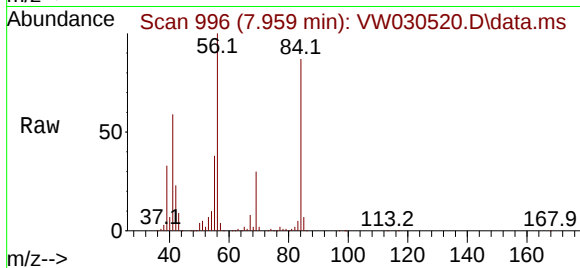




#29
Cyclohexane
Concen: 23.925 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

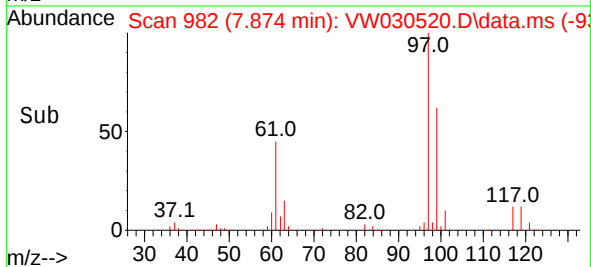
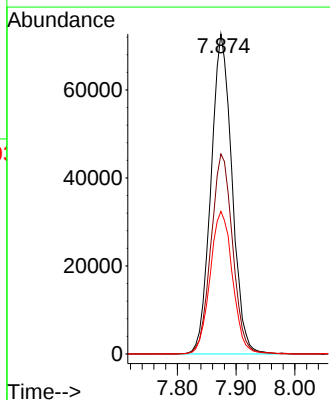
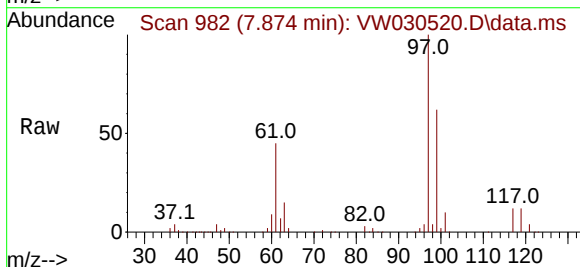
Instrument :
MSVOA_W
ClientSampleId :

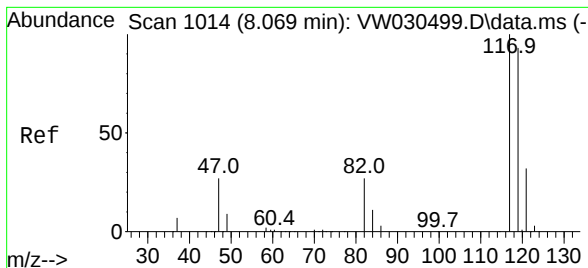
Tgt Ion: 56 Resp: 179689
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.0
84 90.3 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 22.086 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion: 97 Resp: 180892
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 47.6 38.5 57.7





#31

Carbon tetrachloride

Concen: 21.906 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

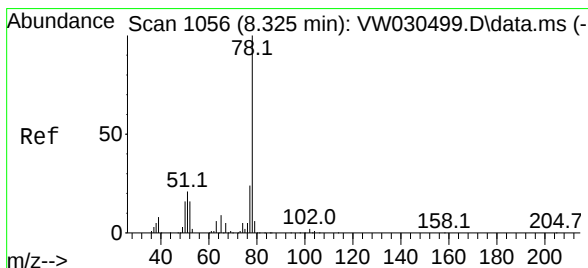
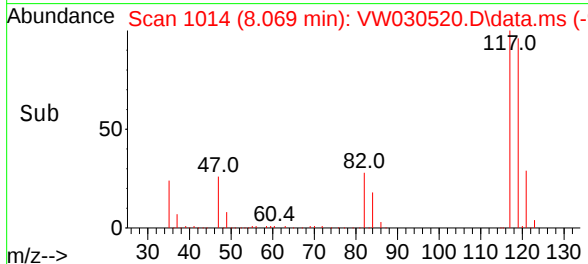
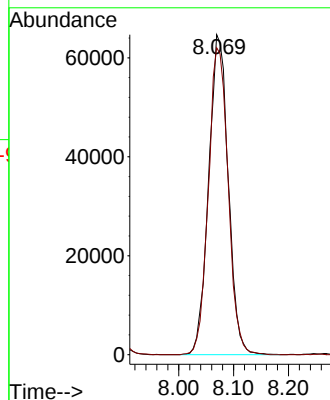
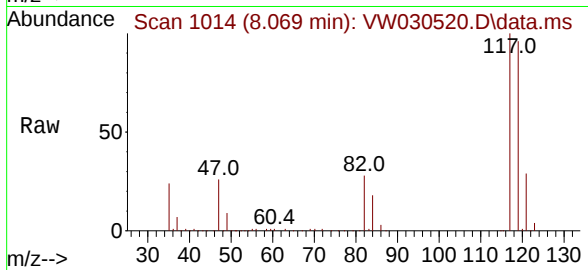
ClientSampleId :

Tgt Ion:117 Resp: 160243

Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.8



#33

Benzene

Concen: 23.250 ug/L

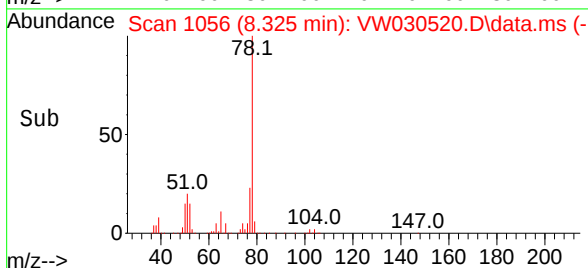
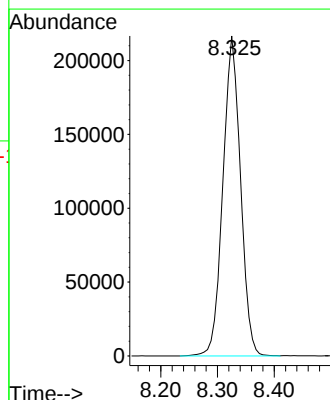
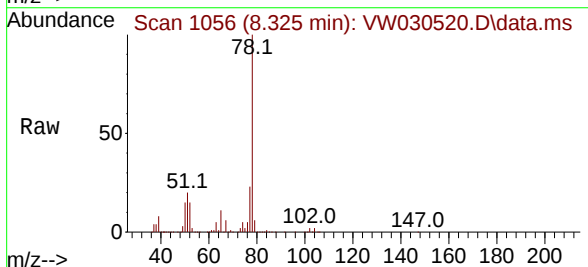
RT: 8.325 min Scan# 1056

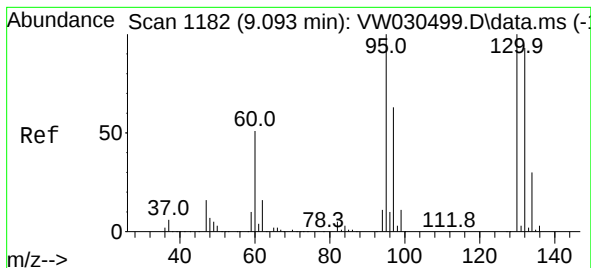
Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Tgt Ion: 78 Resp: 466808





#34

Trichloroethene

Concen: 22.332 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 124745

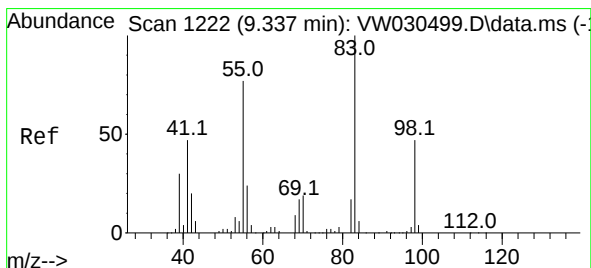
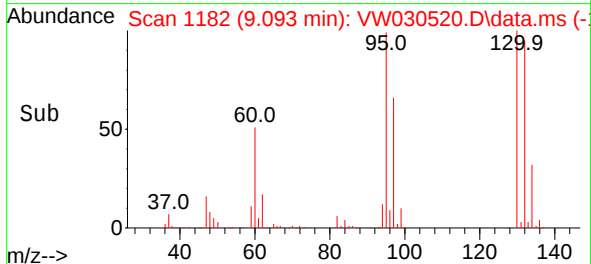
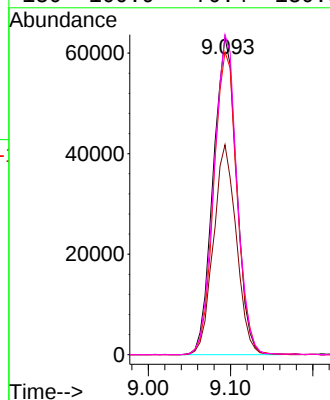
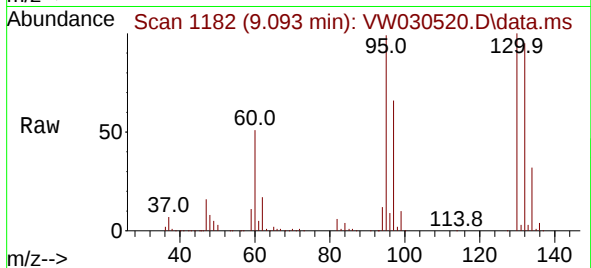
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 95.5 66.4 123.2

130 100.9 70.4 130.8



#35

Methylcyclohexane

Concen: 23.500 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

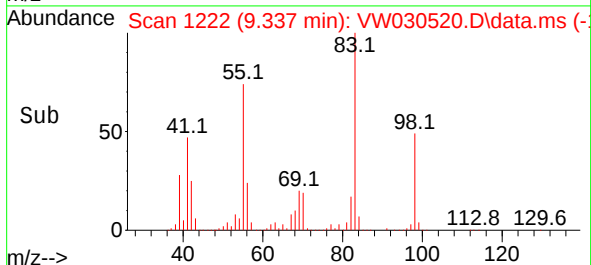
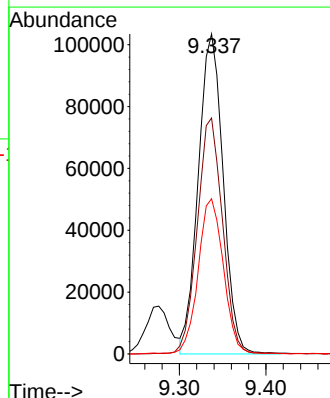
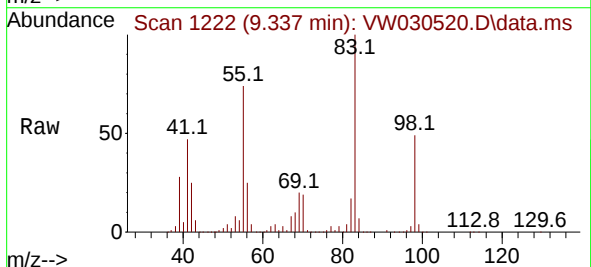
Tgt Ion: 83 Resp: 206580

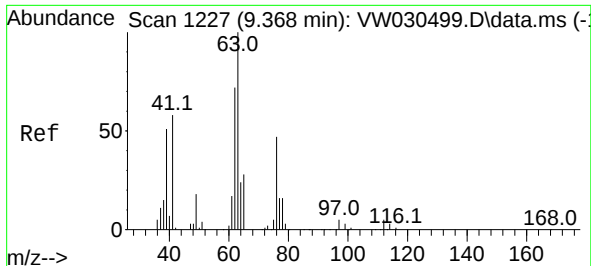
Ion Ratio Lower Upper

83 100

55 74.2 61.8 92.8

98 49.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 23.053 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

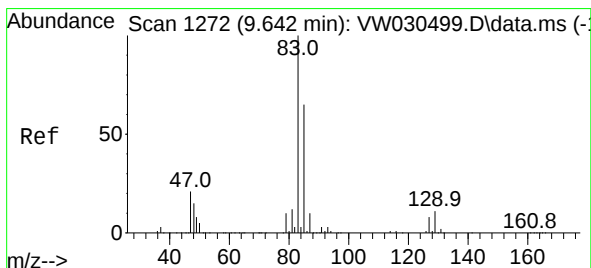
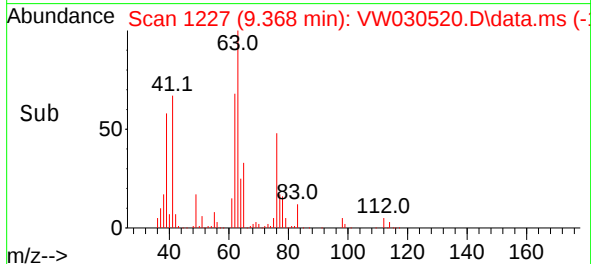
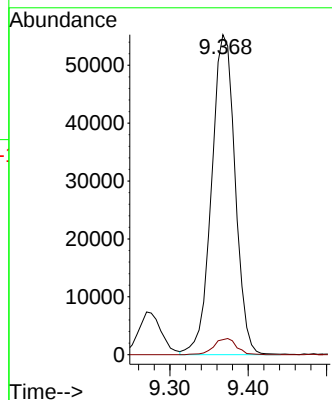
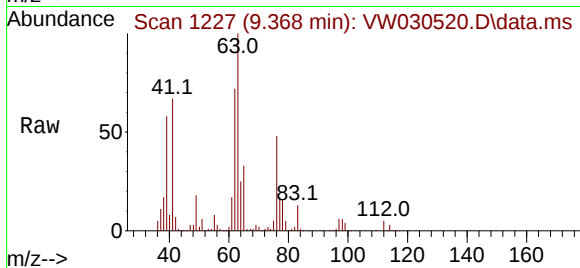
ClientSampleId :

Tgt Ion: 63 Resp: 115603

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 23.035 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

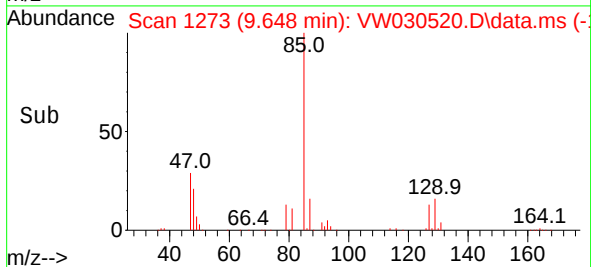
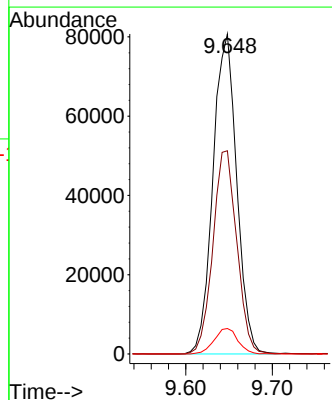
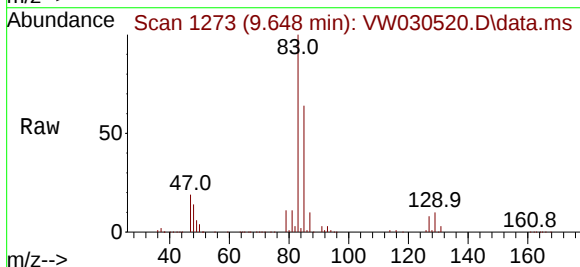
Tgt Ion: 83 Resp: 153680

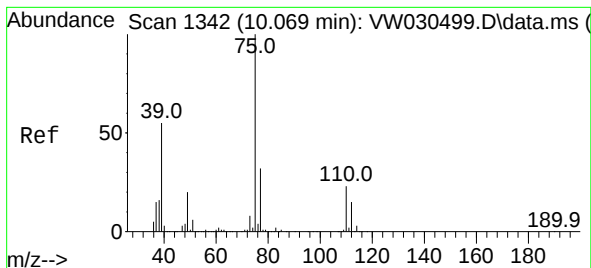
Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.0

127 7.9 6.2 9.4

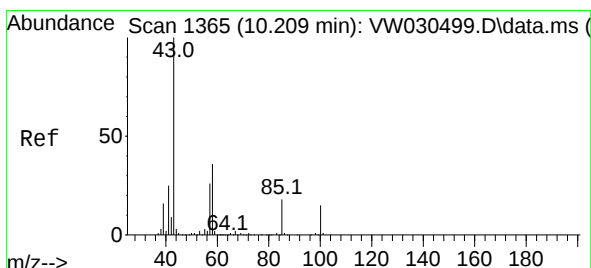
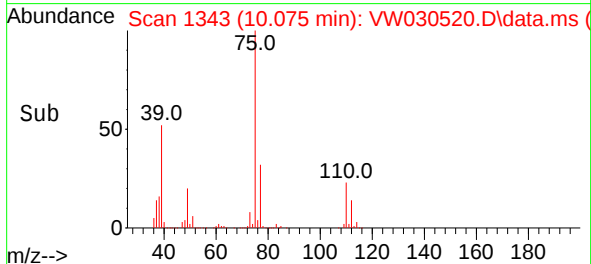
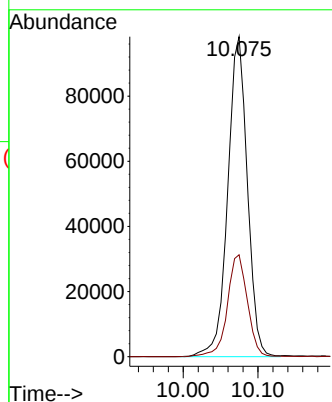
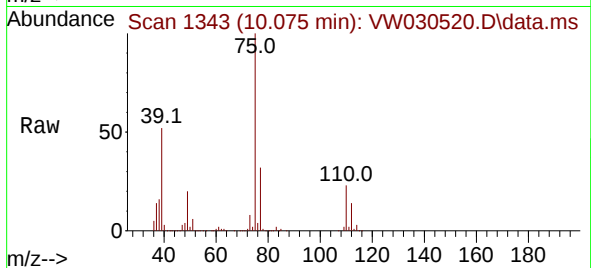




#39
cis-1,3-Dichloropropene
Concen: 23.704 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

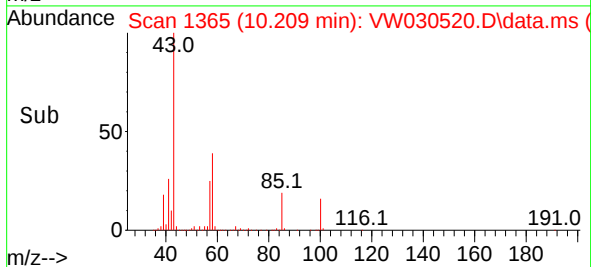
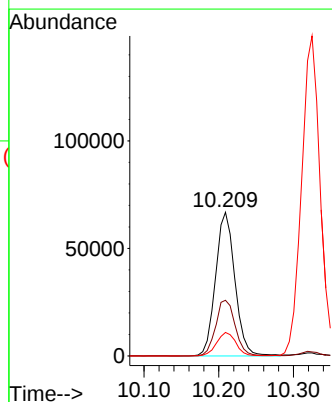
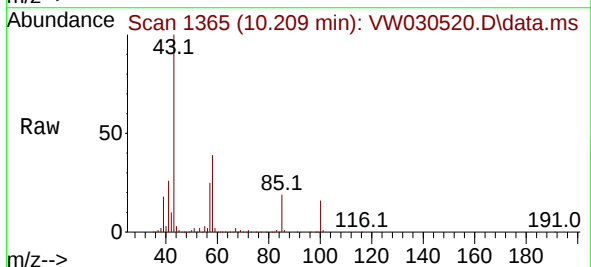
Instrument :
MSVOA_W
ClientSampleId :

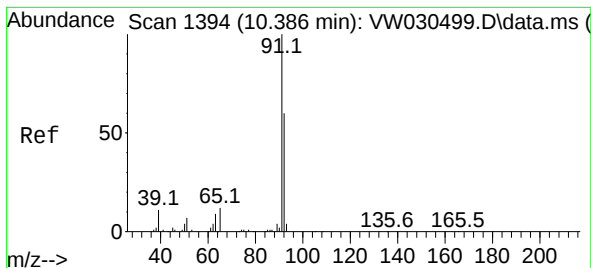
Tgt Ion: 75 Resp: 179296
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 49.961 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion: 43 Resp: 120357
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2
100 16.4 13.1 19.7





#42

Toluene

Concen: 23.788 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

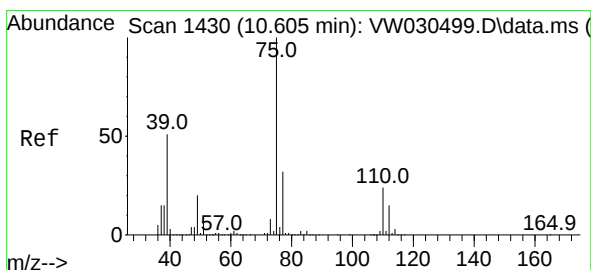
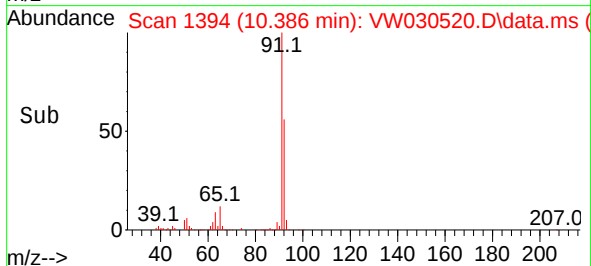
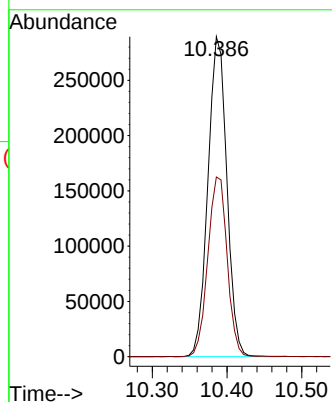
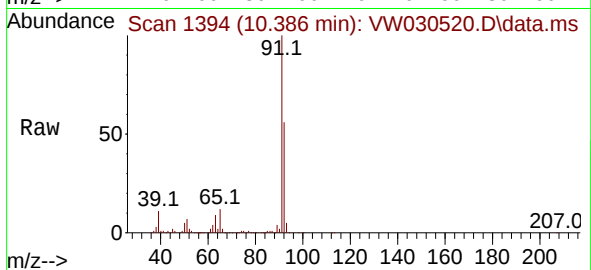
ClientSampleId :

Tgt Ion: 91 Resp: 509552

Ion Ratio Lower Upper

91 100

92 56.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 23.506 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030520.D

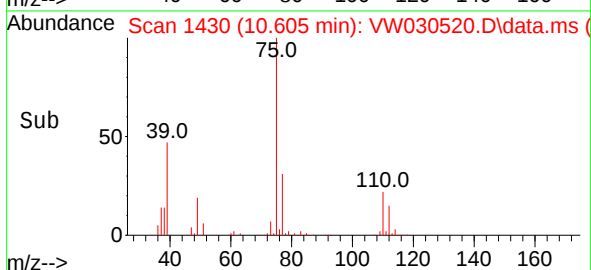
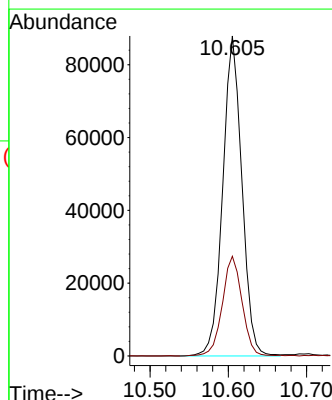
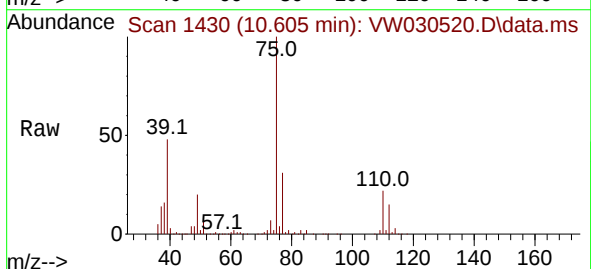
Acq: 10 Oct 2024 19:05

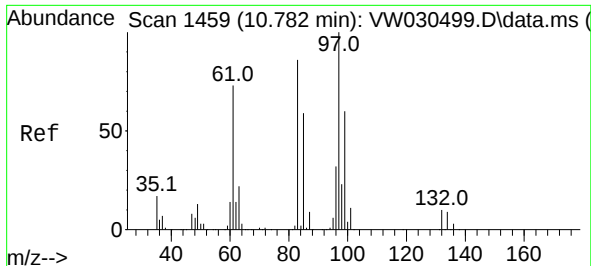
Tgt Ion: 75 Resp: 149402

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.270 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 84335

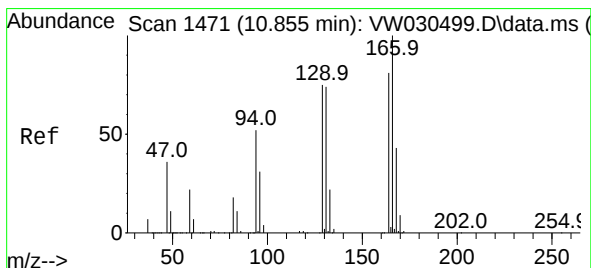
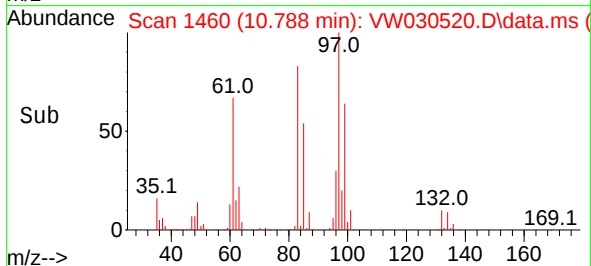
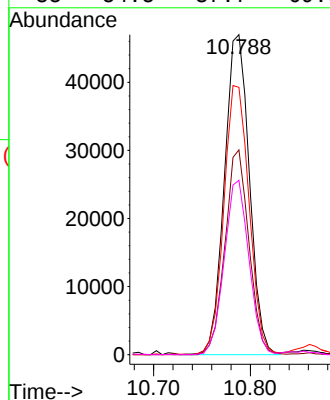
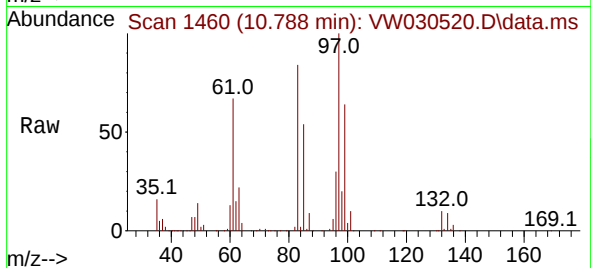
Ion Ratio Lower Upper

97 100

99 64.0 41.2 76.6

83 83.6 59.6 110.6

85 54.5 37.7 69.9



#46

Tetrachloroethene

Concen: 23.648 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Tgt Ion:164 Resp: 97427

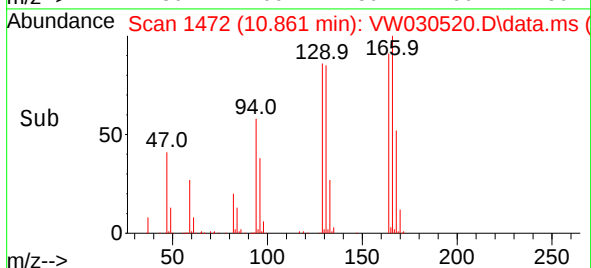
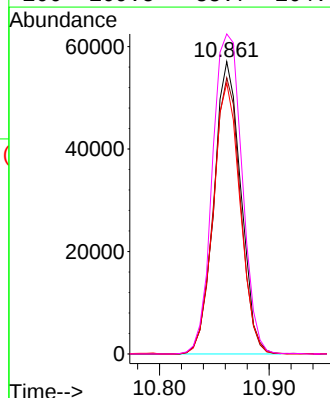
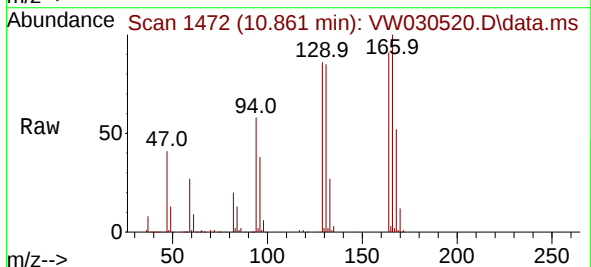
Ion Ratio Lower Upper

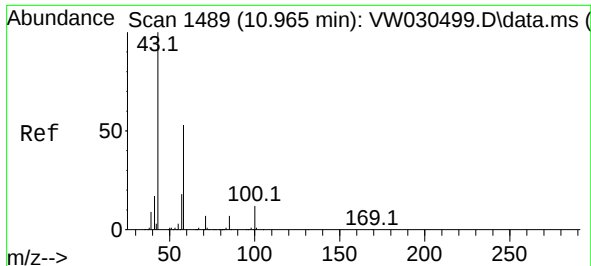
164 100

129 94.5 66.6 123.6

131 92.7 63.7 118.3

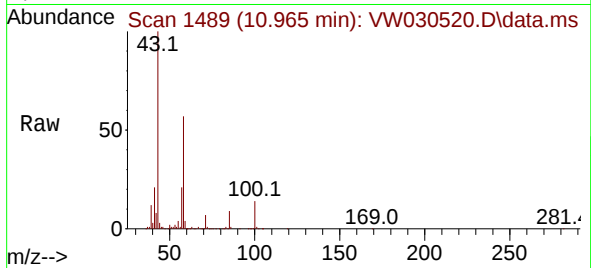
166 109.5 88.7 164.7



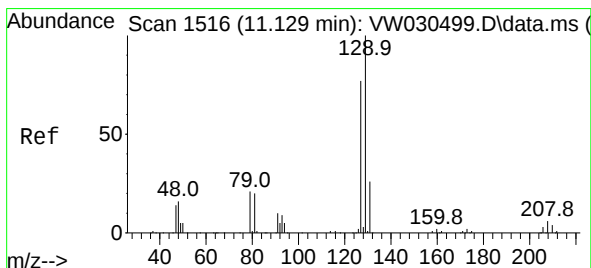
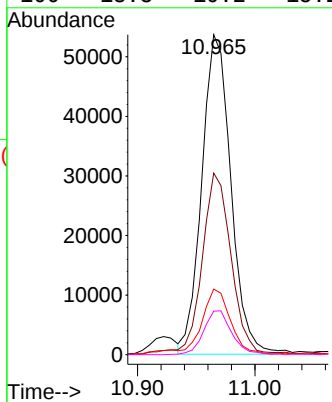
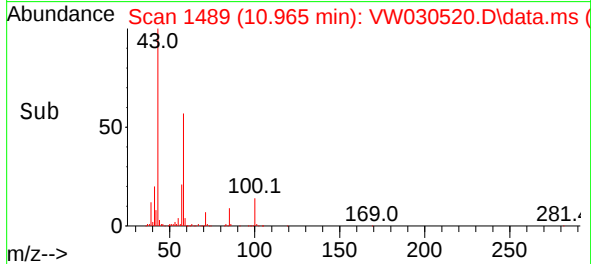


#48
2-Hexanone
Concen: 46.931 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Instrument :
MSVOA_W
ClientSampleId :

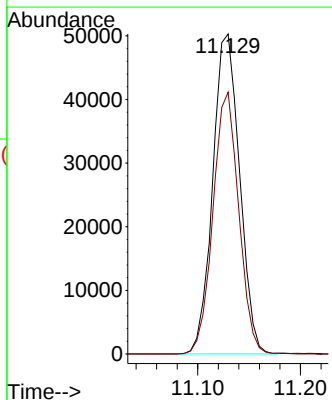
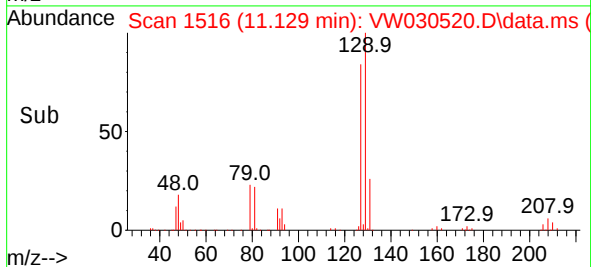
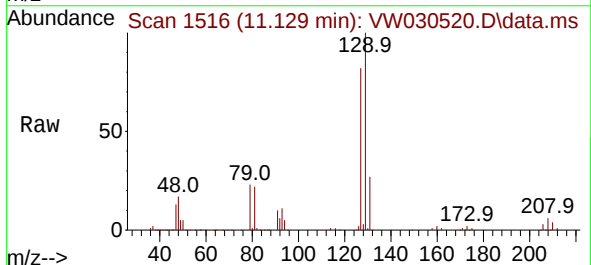


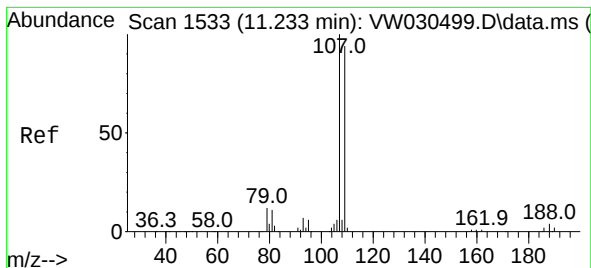
Tgt Ion: 43 Resp: 92457
Ion Ratio Lower Upper
43 100
58 57.1 44.6 67.0
57 19.4 15.8 23.8
100 13.3 10.2 15.2



#49
Dibromochloromethane
Concen: 22.577 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion:129 Resp: 91298
Ion Ratio Lower Upper
129 100
127 81.8 56.5 104.9





#50

1,2-Dibromoethane

Concen: 23.677 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

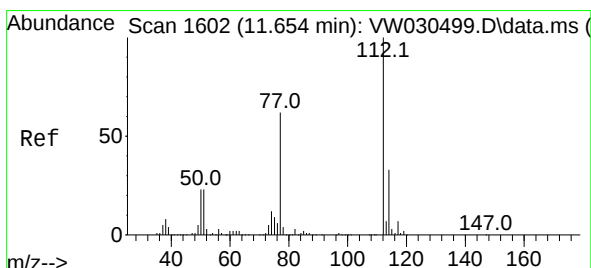
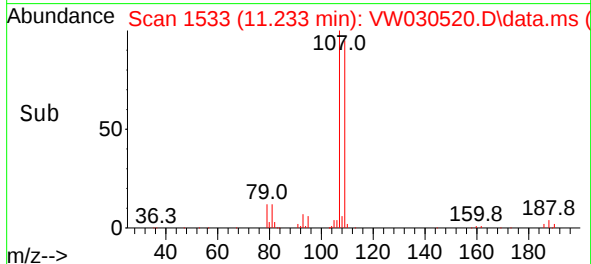
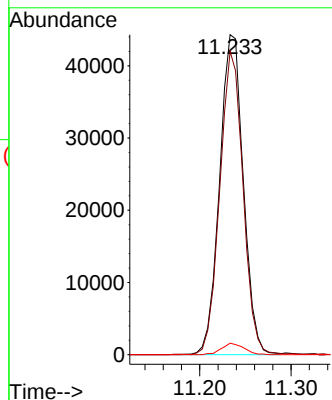
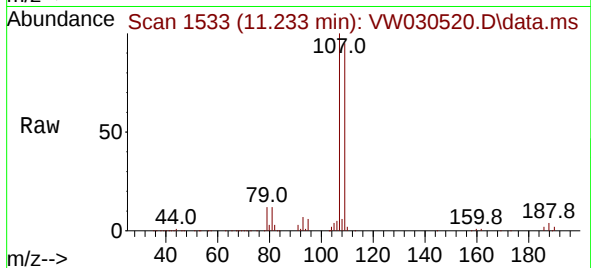
Tgt Ion:107 Resp: 80068

Ion Ratio Lower Upper

107 100

109 94.8 63.8 118.6

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 22.457 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

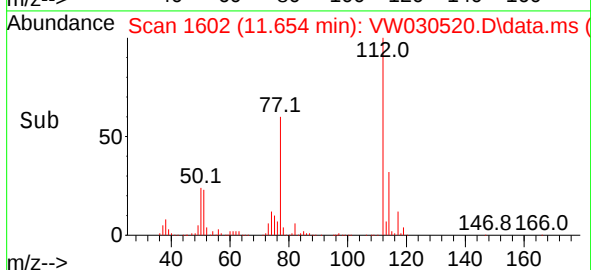
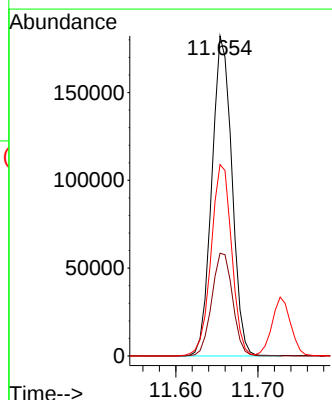
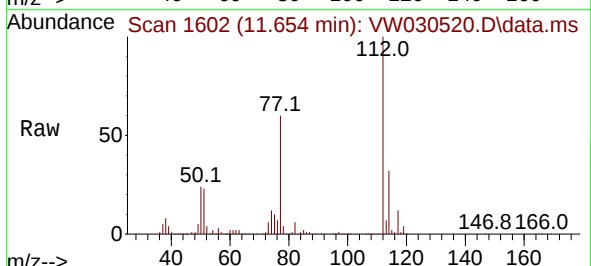
Tgt Ion:112 Resp: 309651

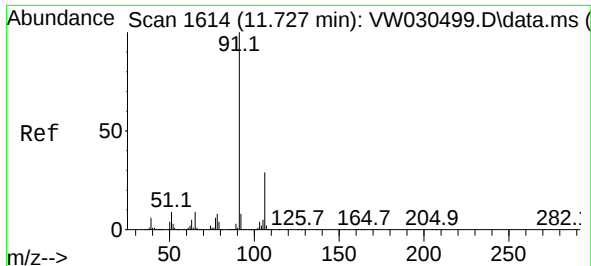
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 59.8 47.1 70.7





#52

Ethylbenzene

Concen: 23.929 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

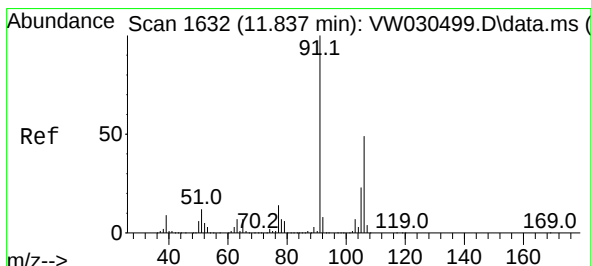
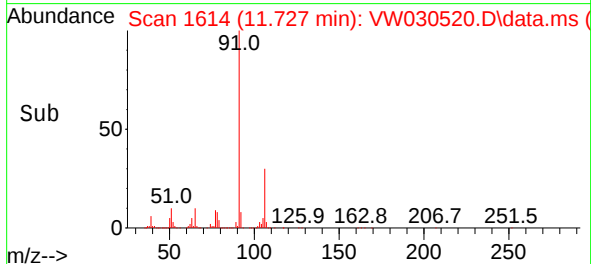
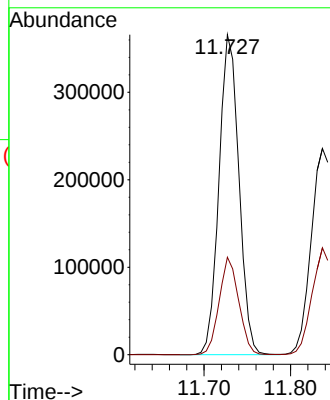
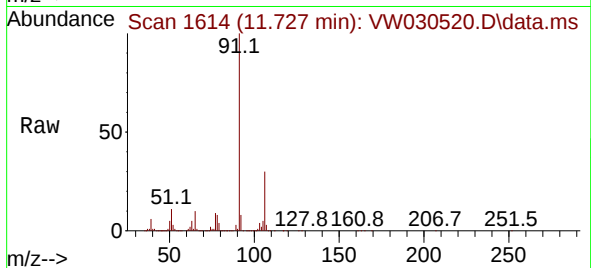
ClientSampleId :

Tgt Ion: 91 Resp: 584865

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 24.077 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030520.D

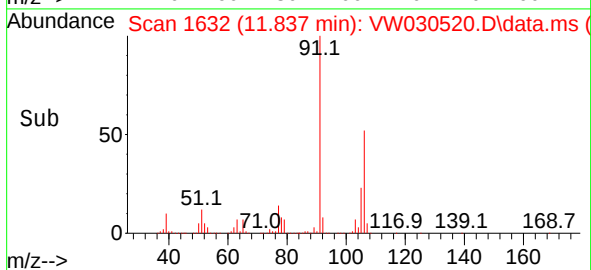
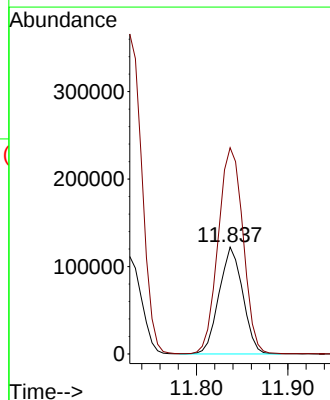
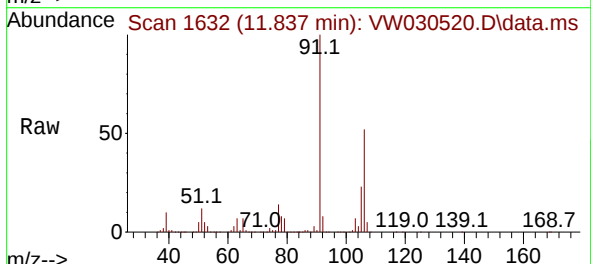
Acq: 10 Oct 2024 19:05

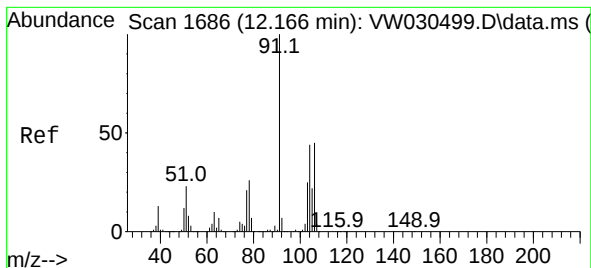
Tgt Ion:106 Resp: 220469

Ion Ratio Lower Upper

106 100

91 193.0 140.6 261.2

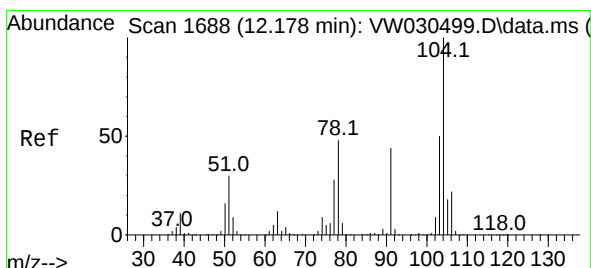
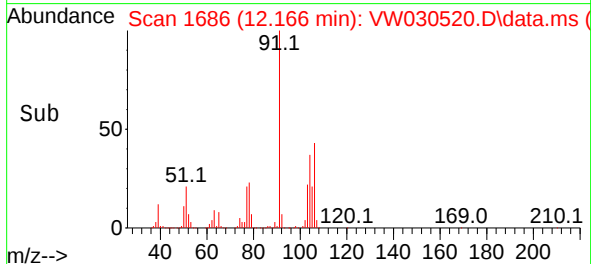
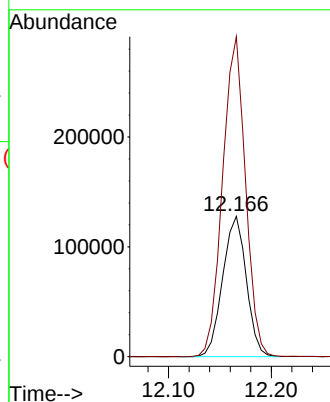
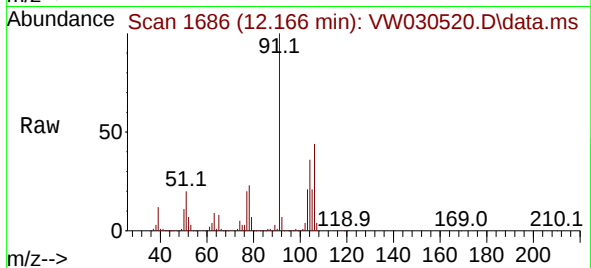




#54
o-Xylene
Concen: 24.086 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

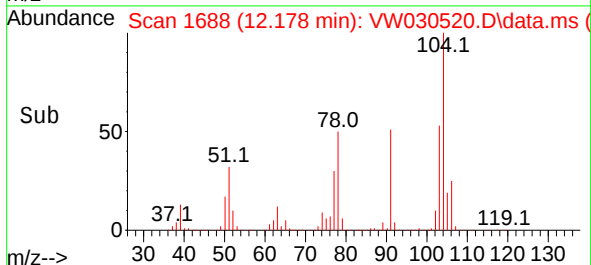
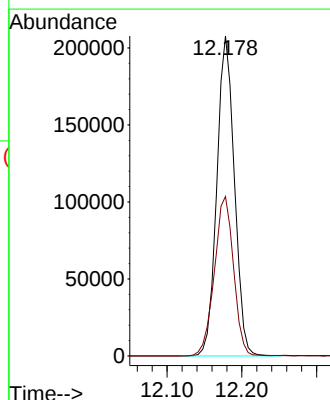
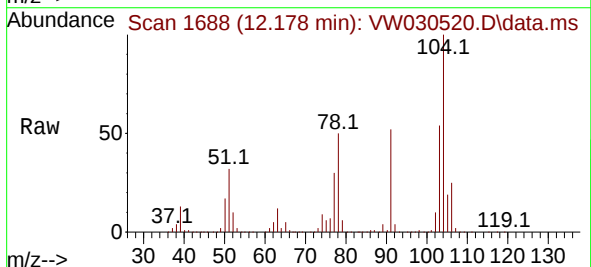
Instrument :
MSVOA_W
ClientSampleId :

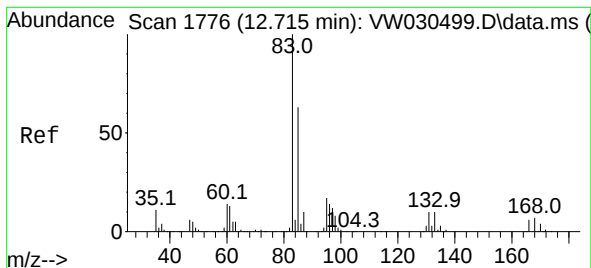
Tgt Ion:106 Resp: 203902
Ion Ratio Lower Upper
106 100
91 228.0 144.5 268.4



#55
Styrene
Concen: 23.504 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion:104 Resp: 340155
Ion Ratio Lower Upper
104 100
78 49.9 34.3 63.7

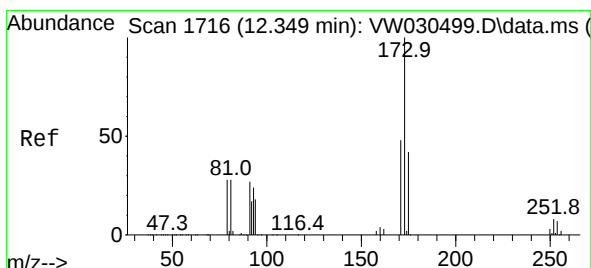
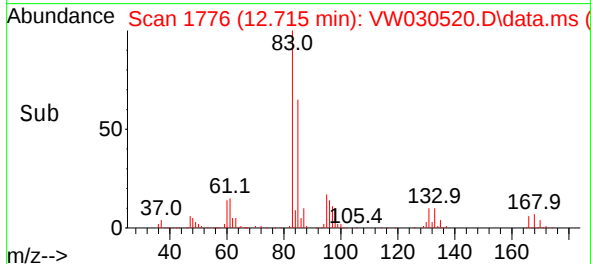
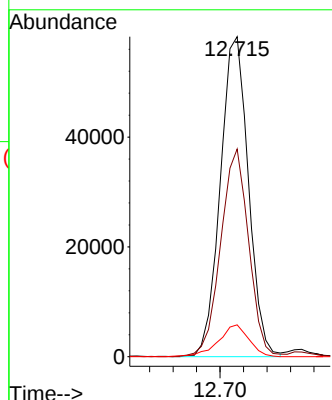
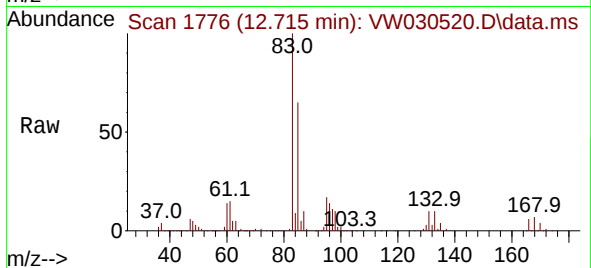




#57
1,1,2,2-Tetrachloroethane
Concen: 23.693 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

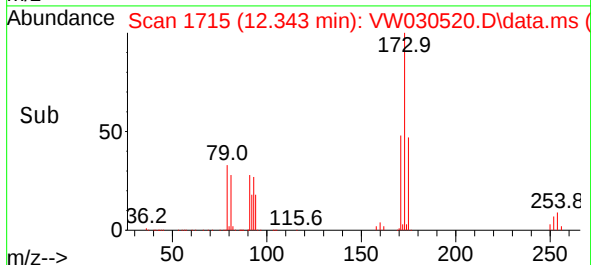
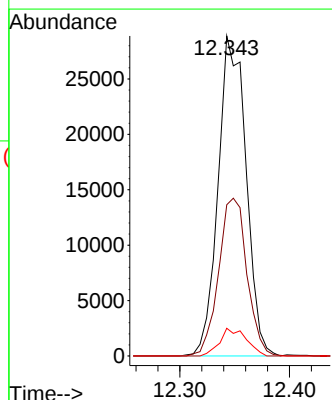
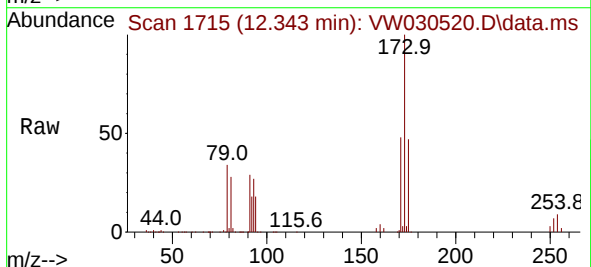
Instrument :
MSVOA_W
ClientSampleId :

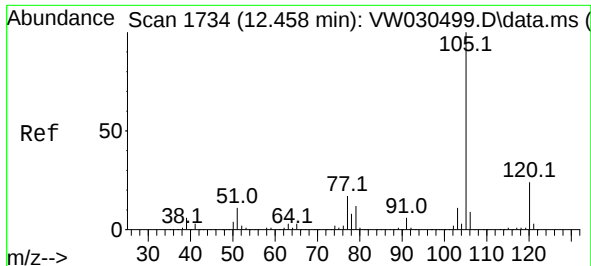
Tgt Ion: 83 Resp: 96832
Ion Ratio Lower Upper
83 100
85 64.9 42.6 79.2
131 10.0 7.4 11.0



#59
Bromoform
Concen: 24.078 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

Tgt Ion:173 Resp: 51084
Ion Ratio Lower Upper
173 100
175 50.0 39.0 58.4
254 8.3 7.7 11.5





#60

Isopropylbenzene

Concen: 24.802 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

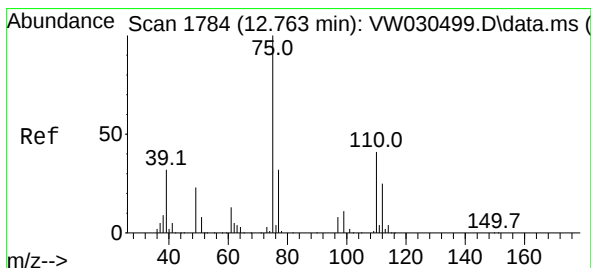
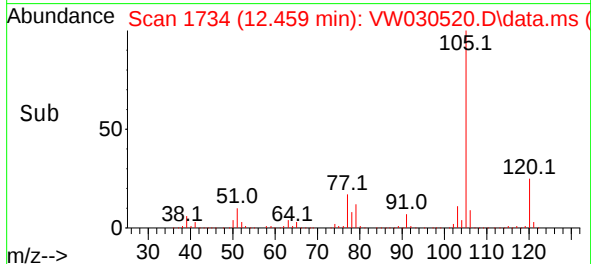
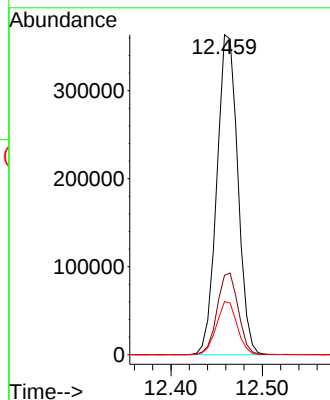
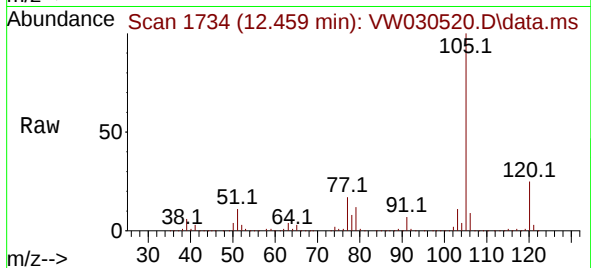
Tgt Ion:105 Resp: 580007

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 16.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.122 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

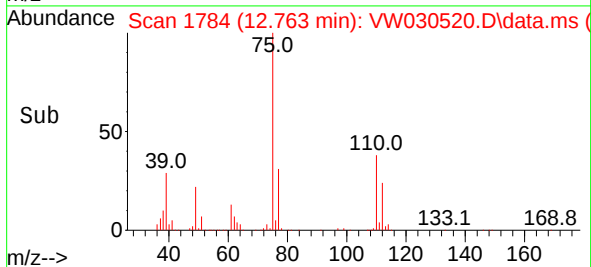
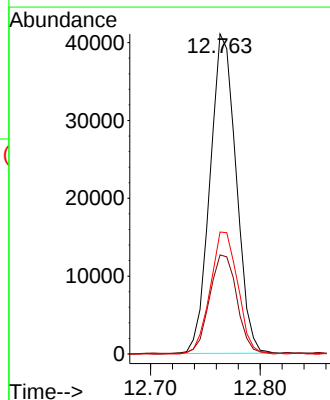
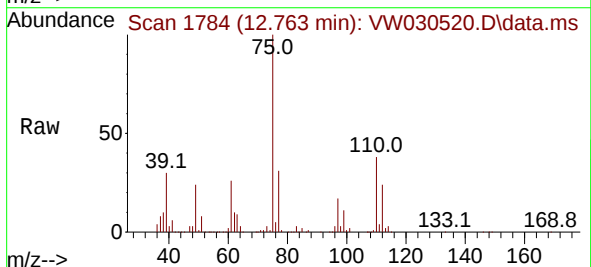
Tgt Ion: 75 Resp: 67941

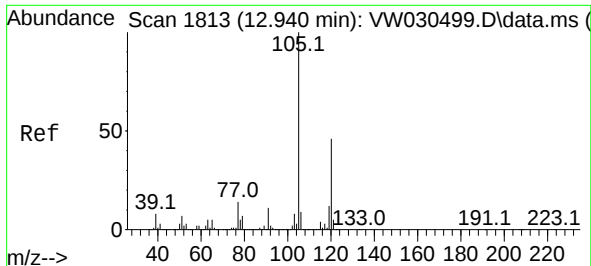
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 40.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 25.488 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

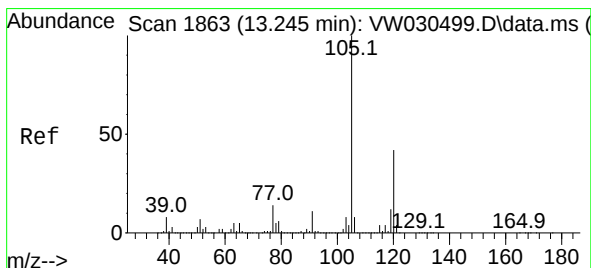
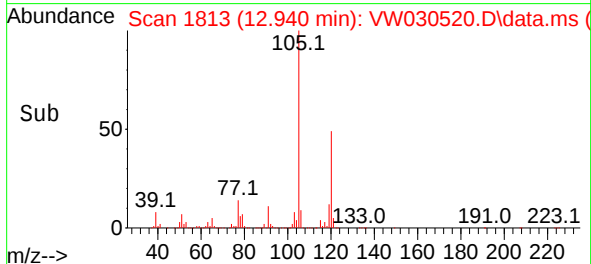
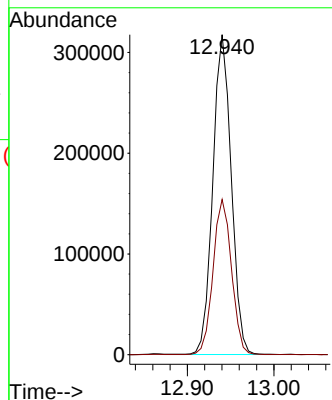
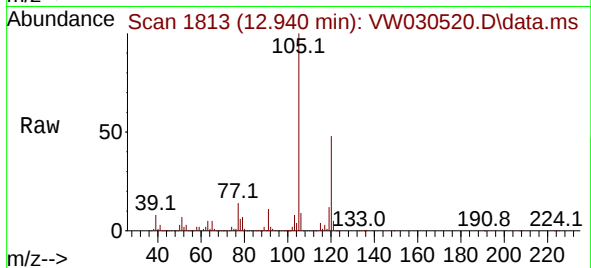
ClientSampleId :

Tgt Ion:105 Resp: 470236

Ion Ratio Lower Upper

105 100

120 48.6 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 25.707 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030520.D

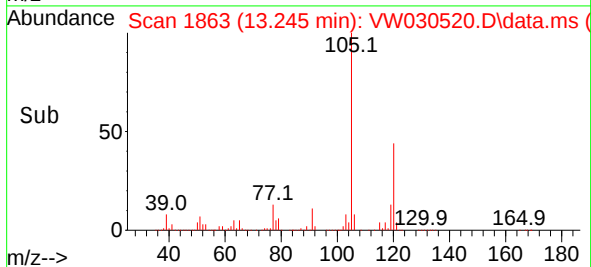
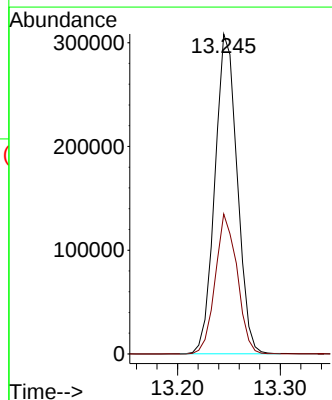
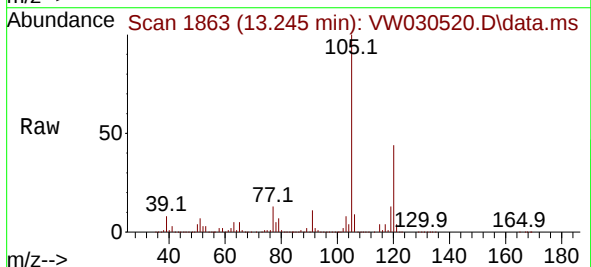
Acq: 10 Oct 2024 19:05

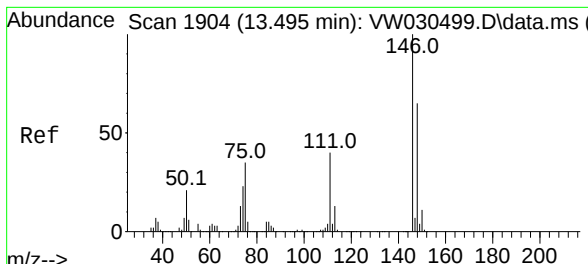
Tgt Ion:105 Resp: 464359

Ion Ratio Lower Upper

105 100

120 43.1 35.8 53.6

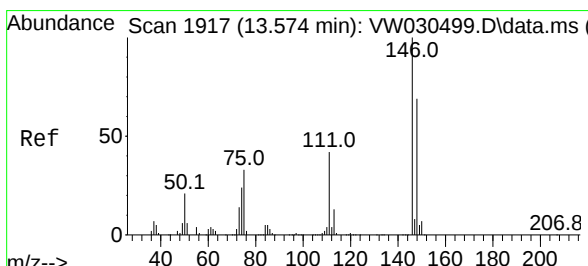
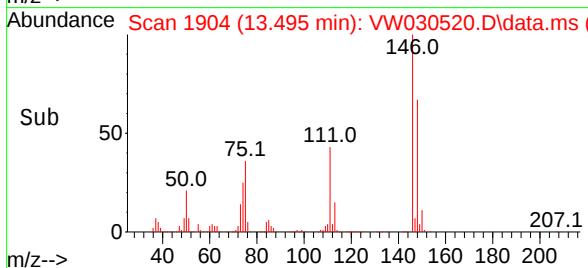
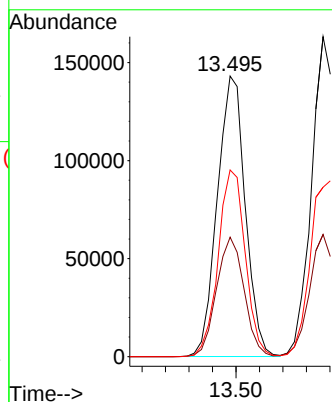
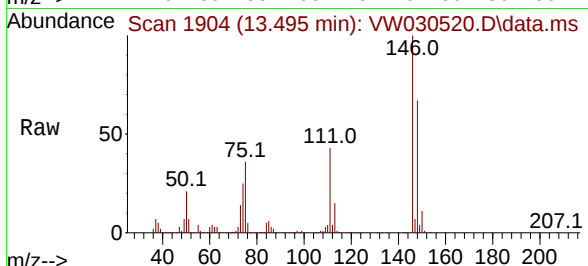




#64
1,3-Dichlorobenzene
Concen: 23.250 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

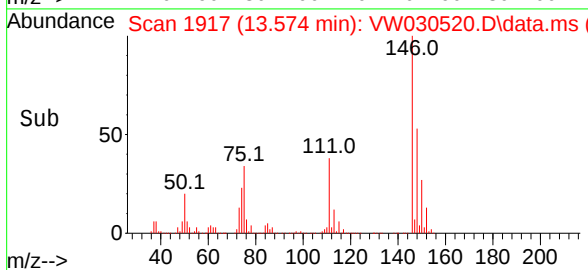
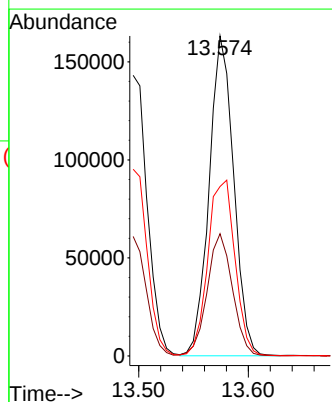
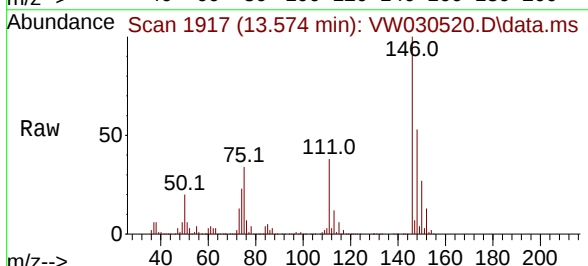
Instrument :
MSVOA_W
ClientSampleId :

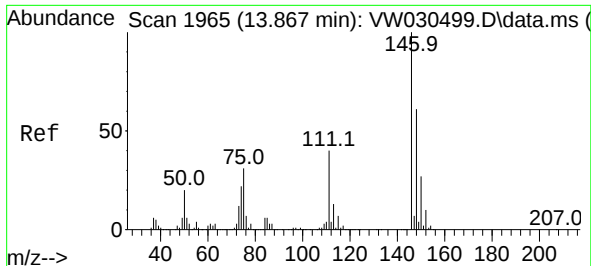
Tgt Ion:146 Resp: 236667
Ion Ratio Lower Upper
146 100
111 42.6 31.2 58.0
148 66.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.240 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

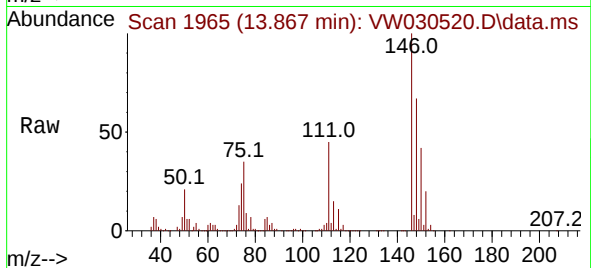
Tgt Ion:146 Resp: 254768
Ion Ratio Lower Upper
146 100
111 38.2 26.8 49.8
148 53.0 41.0 76.2



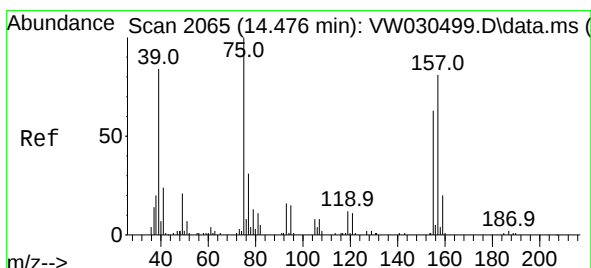
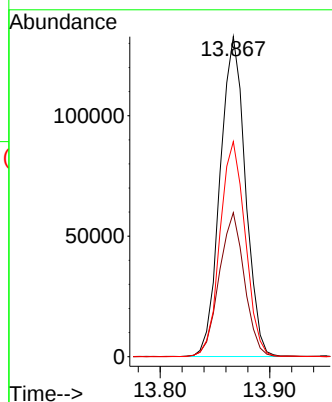
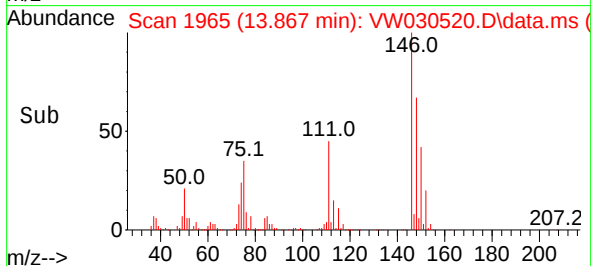


#67
1,2-Dichlorobenzene
Concen: 23.760 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05

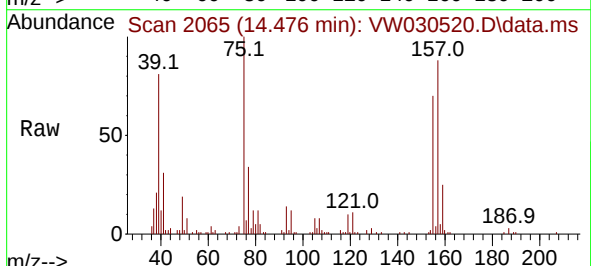
Instrument :
MSVOA_W
ClientSampleId :



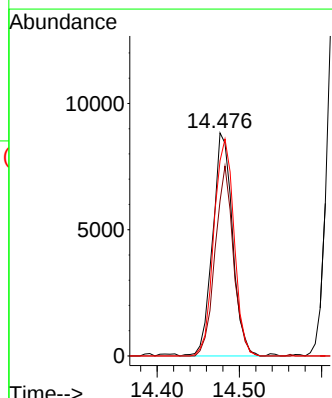
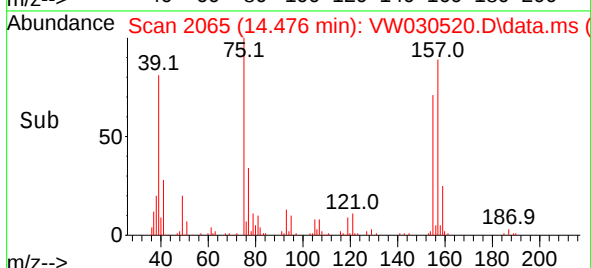
Tgt Ion:146 Resp: 212818
Ion Ratio Lower Upper
146 100
111 45.0 34.6 52.0
148 67.2 53.3 79.9

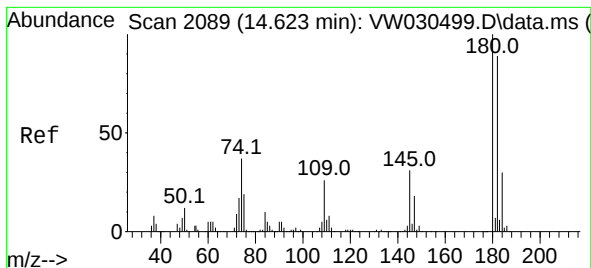


#68
1,2-Dibromo-3-chloropropane
Concen: 22.677 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030520.D
Acq: 10 Oct 2024 19:05



Tgt Ion: 75 Resp: 14858
Ion Ratio Lower Upper
75 100
155 69.5 57.9 86.9
157 87.6 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.536 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

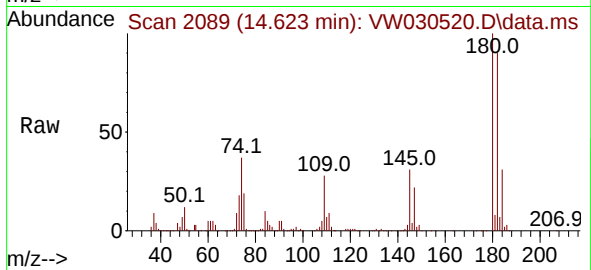
Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 171407

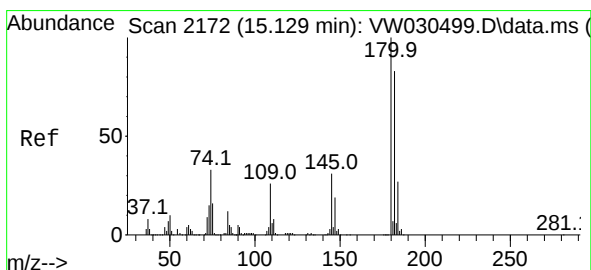
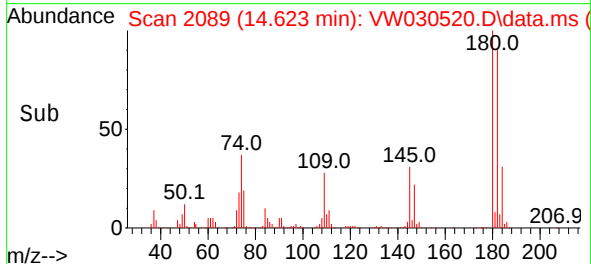
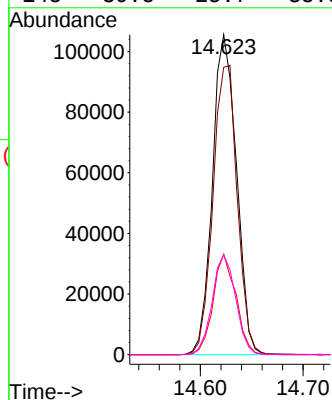
Ion Ratio Lower Upper

180 100

182 91.3 79.9 119.9

184 29.9 25.2 37.8

145 30.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.391 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

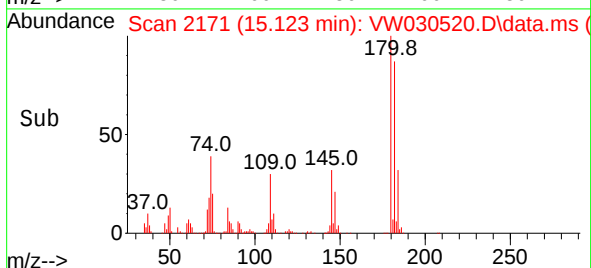
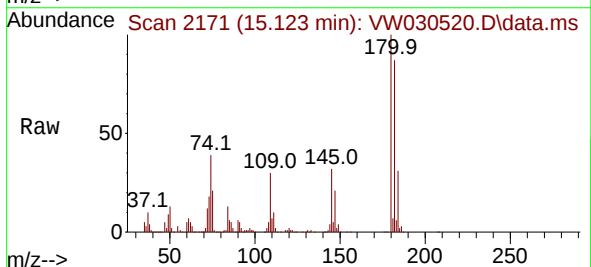
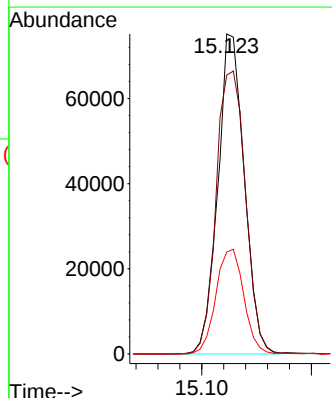
Tgt Ion:180 Resp: 126395

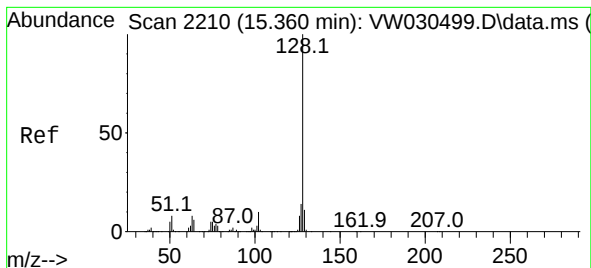
Ion Ratio Lower Upper

180 100

182 97.5 75.2 112.8

145 34.4 25.4 38.2





#71

Naphthalene

Concen: 27.524 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Instrument :

MSVOA_W

ClientSampleId :

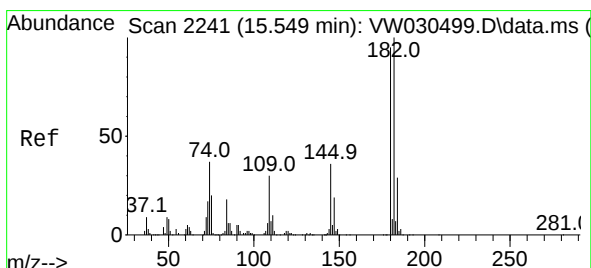
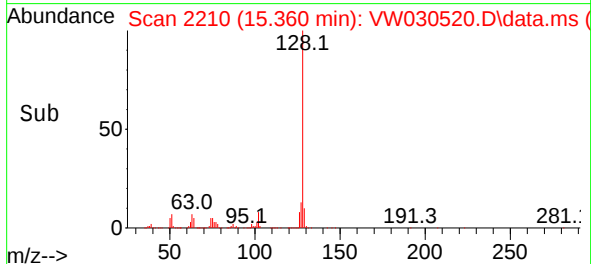
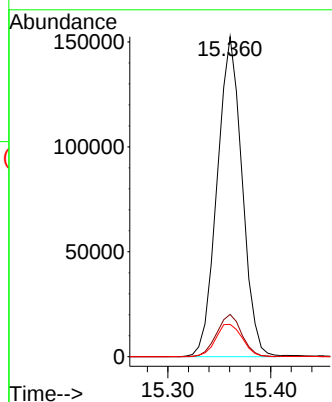
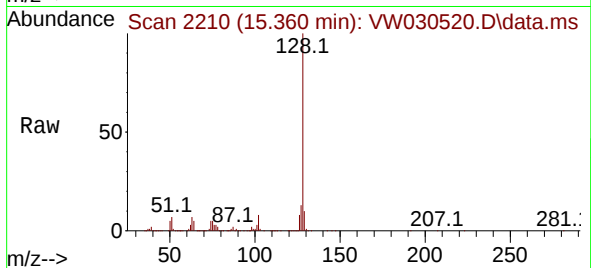
Tgt Ion:128 Resp: 256959

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.699 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030520.D

Acq: 10 Oct 2024 19:05

Tgt Ion:180 Resp: 111021

Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.4

145 34.6 27.4 41.2

