

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030824.D
 Acq On : 29 Oct 2024 23:16
 Operator : SY/MD
 Sample : P4494-03MSD
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	427778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48918	7.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.120%#
7) Chloroethane-d5	2.899	69	58303	11.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.800%
11) 1,1-Dichloroethene-d2	4.021	65	21366	7.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	30.560%#
21) 2-Butanone-d5	7.075	46	53705	44.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.760%
24) Chloroform-d	7.648	84	212946	17.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.640%
26) 1,2-Dichloroethane-d4	8.307	65	107921	16.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.840%#
32) Benzene-d6	8.276	84	283527	14.207	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.840%
36) 1,2-Dichloropropane-d6	9.270	67	112213	19.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.640%
41) Toluene-d8	10.319	98	212221	11.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	46.600%
43) trans-1,3-Dichloroprop...	10.575	79	38327	15.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.520%
47) 2-Hexanone-d5	10.922	63	39361	52.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102079	23.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78564	17.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	64377	11.779	ug/L	99
3) Chloromethane	2.223	50	80114	12.612	ug/L	98
5) Vinyl chloride	2.375	62	108184	13.849	ug/L	99
6) Bromomethane	2.789	94	71972	13.998	ug/L	95
8) Chloroethane	2.930	64	73450	15.381	ug/L	99
9) Trichlorofluoromethane	3.265	101	102361	14.644	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94195	14.978	ug/L	98
12) 1,1-Dichloroethene	4.045	96	78462	13.671	ug/L	87
13) Acetone	4.119	43	29109	16.431	ug/L	100
14) Carbon disulfide	4.387	76	180232	9.617	ug/L	99
16) Methylene chloride	4.923	84	95161	14.715	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	89665	14.478	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	145242	16.757	ug/L	99
19) 1,1-Dichloroethane	6.222	63	192737	16.745	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106095	16.061	ug/L	97
22) 2-Butanone	7.167	43	40847	21.390	ug/L	97
23) Bromochloromethane	7.520	128	44288	15.326	ug/L	96
25) Chloroform	7.673	83	206665	16.802	ug/L	99
27) 1,2-Dichloroethane	8.398	62	126282	15.562	ug/L	99

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 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

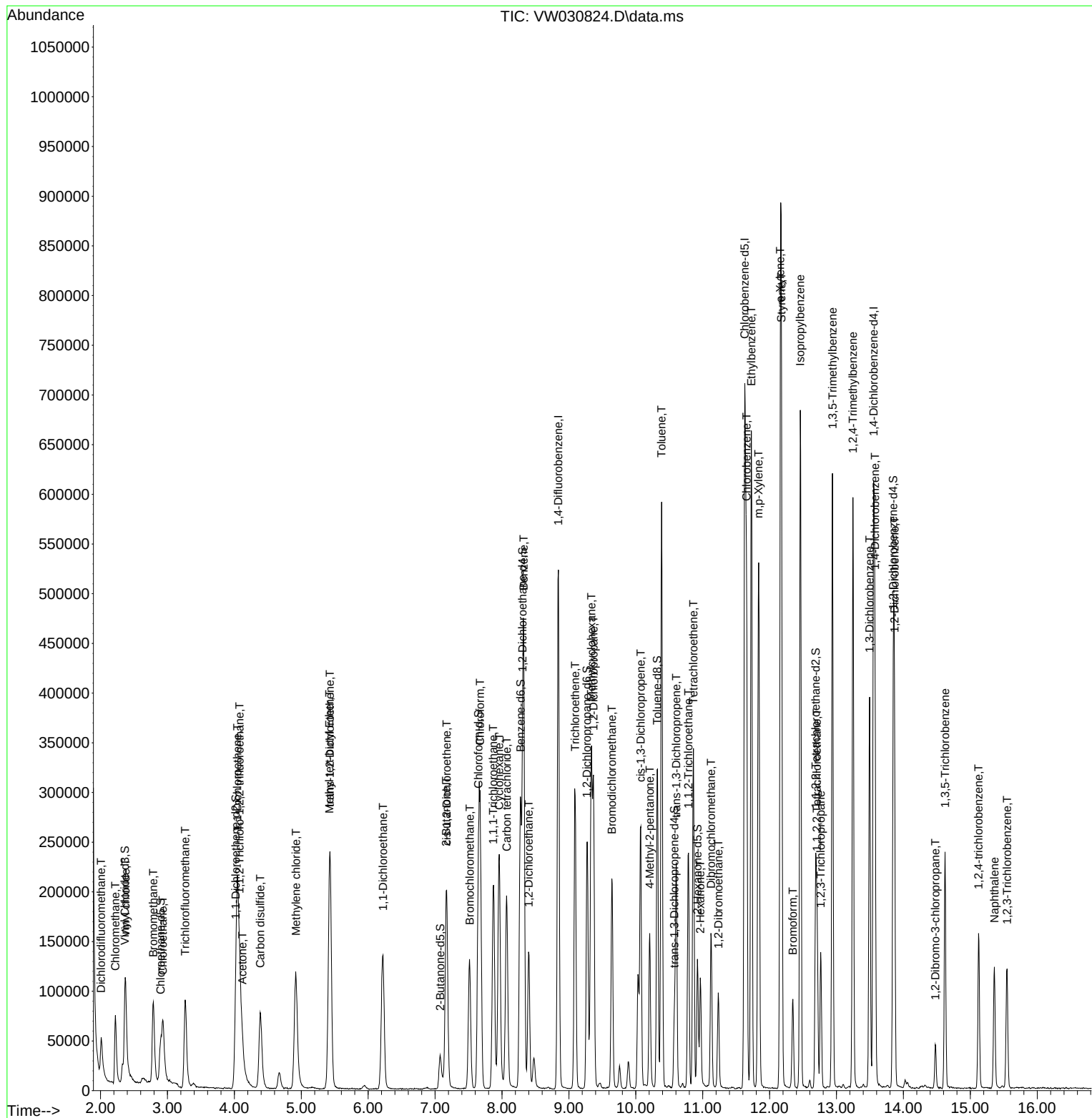
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	125671	15.014	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	165877	18.173	ug/L	99
31) Carbon tetrachloride	8.069	117	140211	17.199	ug/L	98
33) Benzene	8.325	78	400532	17.900	ug/L	100
34) Trichloroethene	9.093	95	102016	16.388	ug/L	96
35) Methylcyclohexane	9.337	83	129233	13.191	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106959	19.139	ug/L	99
38) Bromodichloromethane	9.642	83	138978	18.691	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	147794	17.533	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	99053	36.894	ug/L	99
42) Toluene	10.386	91	421394	17.652	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	118348	16.707	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	72176	17.870	ug/L	96
46) Tetrachloroethene	10.861	164	71330	15.536	ug/L	98
48) 2-Hexanone	10.965	43	67892	30.922	ug/L	98
49) Dibromochloromethane	11.123	129	77365	17.167	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62004	16.452	ug/L	95
51) Chlorobenzene	11.654	112	252879	16.456	ug/L	99
52) Ethylbenzene	11.727	91	457584	16.799	ug/L	100
53) m,p-Xylene	11.837	106	163155	15.988	ug/L	92
54) o-Xylene	12.160	106	158733	16.825	ug/L	89
55) Styrene	12.178	104	256109	15.879	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	73194	16.070	ug/L	96
59) Bromoform	12.349	173	37338	20.475	ug/L	100
60) Isopropylbenzene	12.458	105	416850	20.738	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53066	21.010	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	309547	19.520	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	297094	19.134	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	145207	16.596	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	150371	16.645	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	122843	15.955	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10448	18.552	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	64341	11.152	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	45000	9.688	ug/L	97
71) Naphthalene	15.360	128	101092	12.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	36975	9.183	ug/L	99

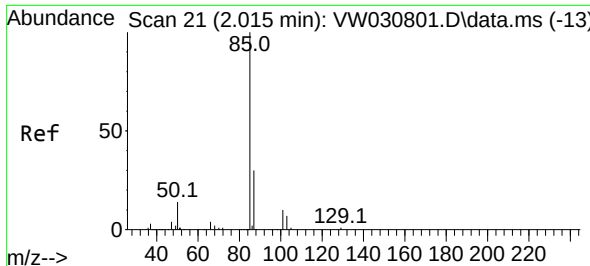
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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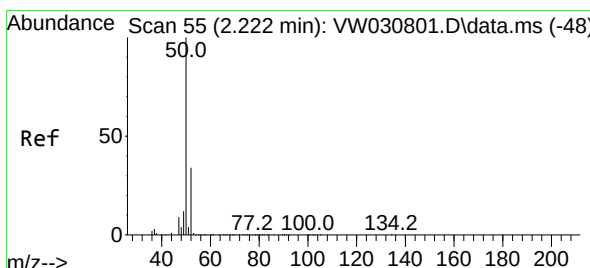
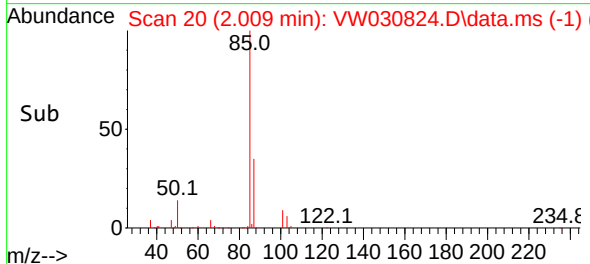
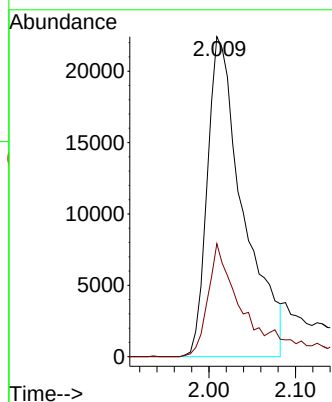
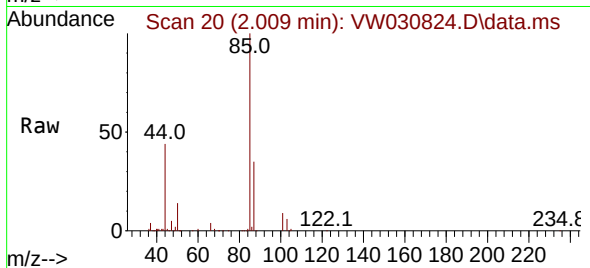




#2
 Dichlorodifluoromethane
 Concen: 11.779 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

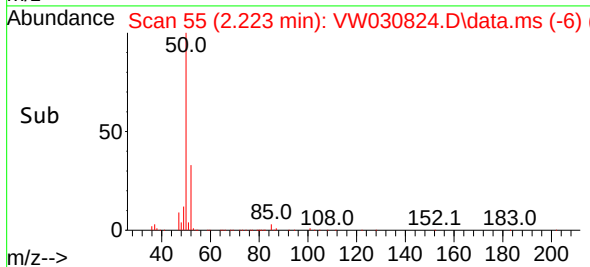
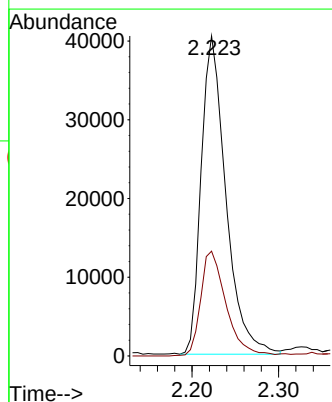
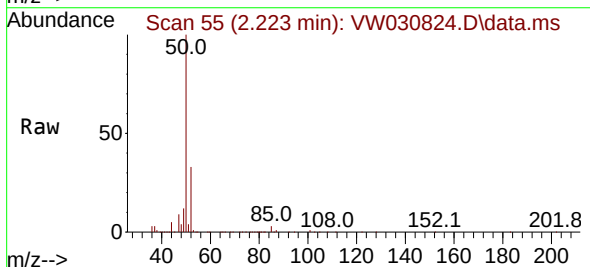
Instrument :
 MSVOA_W
 ClientSampleId :

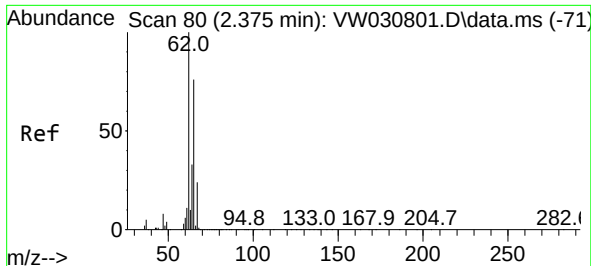
Tgt Ion: 85 Resp: 64377
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.8 35.6



#3
 Chloromethane
 Concen: 12.612 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 50 Resp: 80114
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9

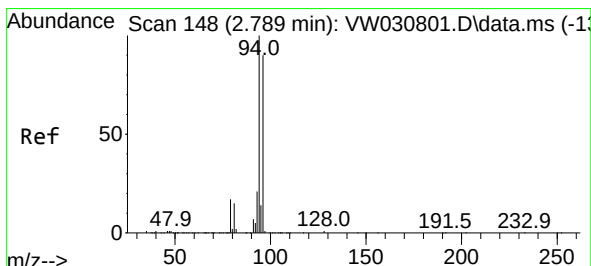
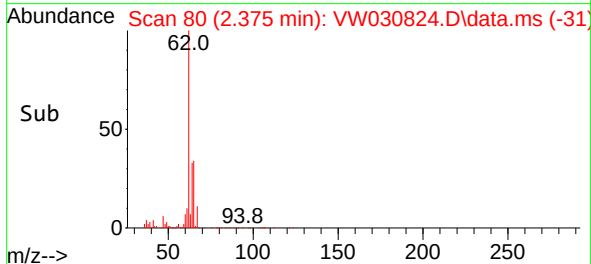
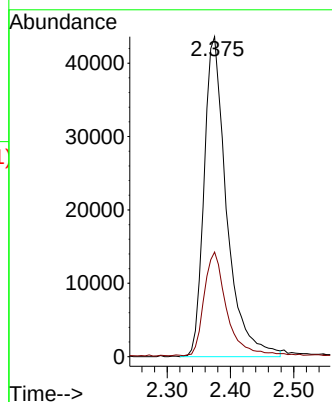
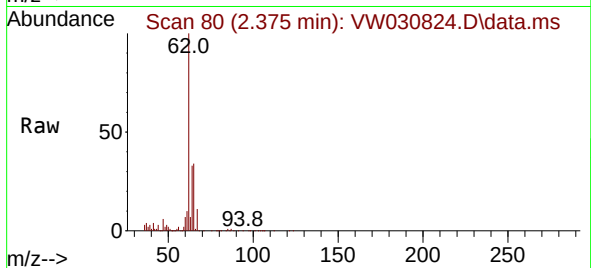




#5
 Vinyl chloride
 Concen: 13.849 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

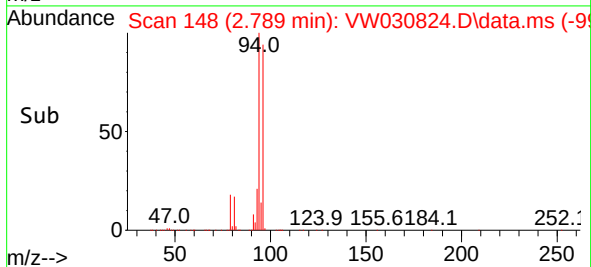
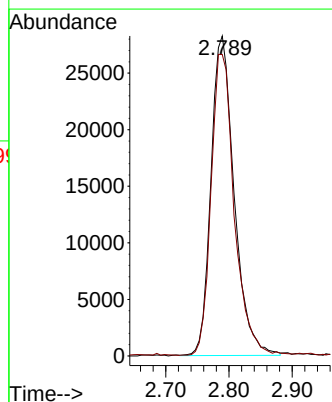
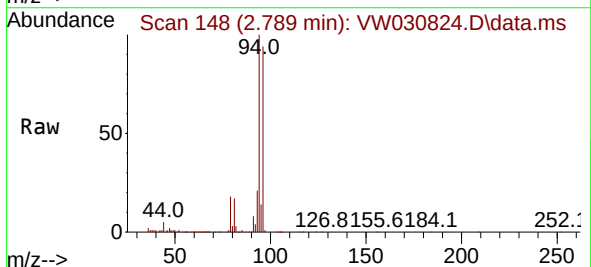
Instrument :
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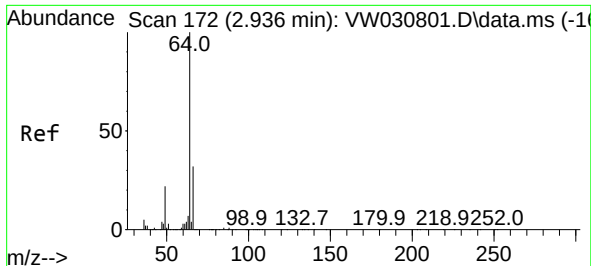
Tgt Ion: 62 Resp: 108184
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 13.998 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 94 Resp: 71972
 Ion Ratio Lower Upper
 94 100
 96 94.2 62.6 116.2

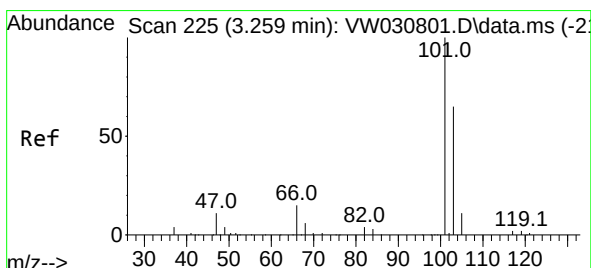
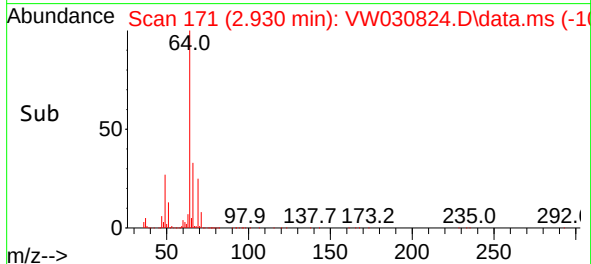
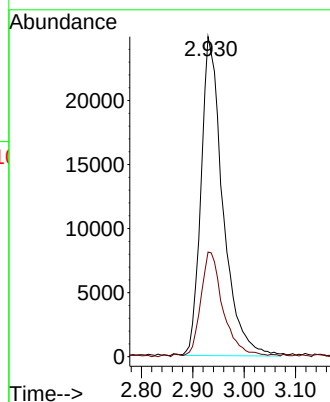
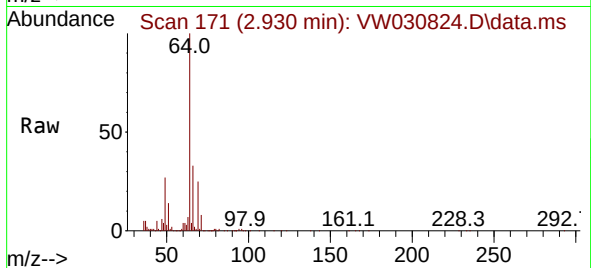




#8
Chloroethane
Concen: 15.381 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

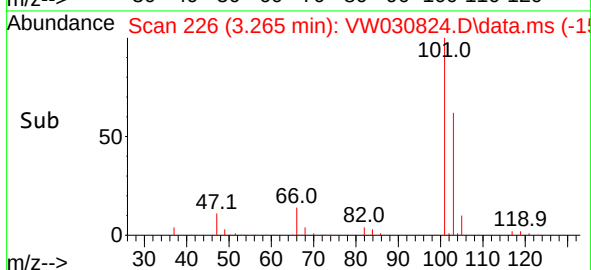
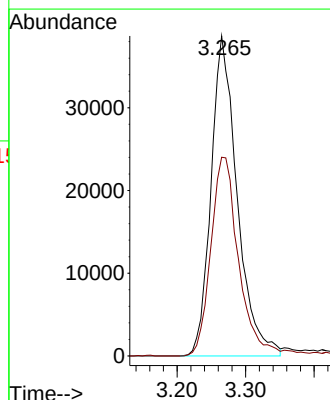
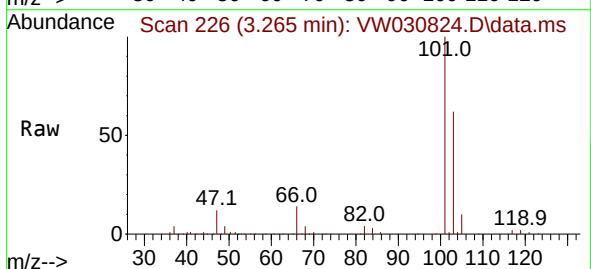
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MSVOA_W
ClientSampleId :

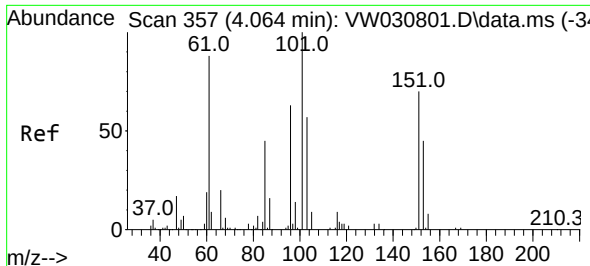
Tgt Ion: 64 Resp: 73450
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.644 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:101 Resp: 102361
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

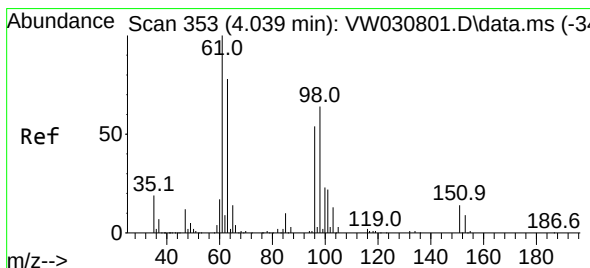
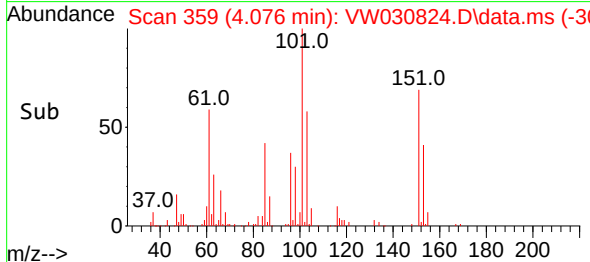
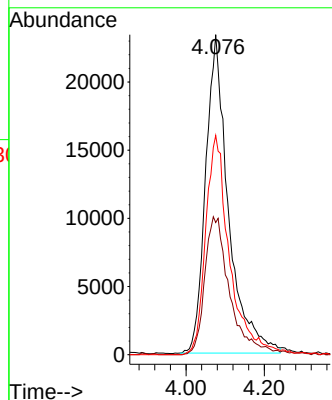
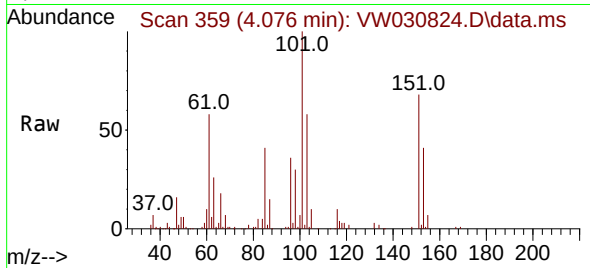




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.978 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.012 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

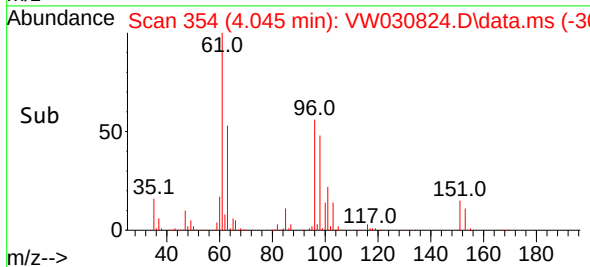
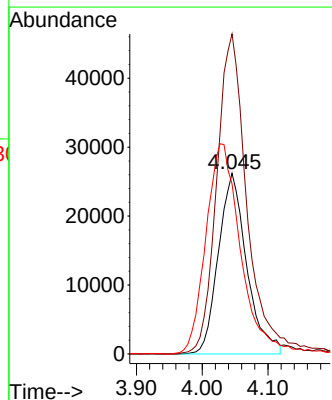
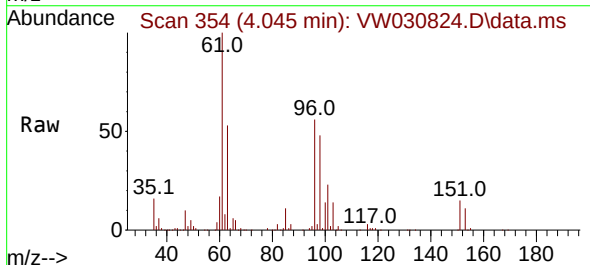
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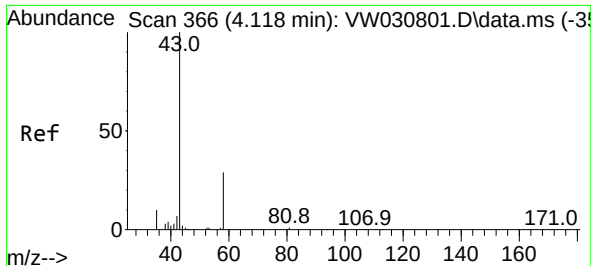
Tgt Ion:101 Resp: 94195
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.7 53.5
 151 69.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 13.671 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 96 Resp: 78462
 Ion Ratio Lower Upper
 96 100
 61 177.2 121.3 225.3
 63 94.2 87.6 162.8





#13

Acetone

Concen: 16.431 ug/L

RT: 4.119 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

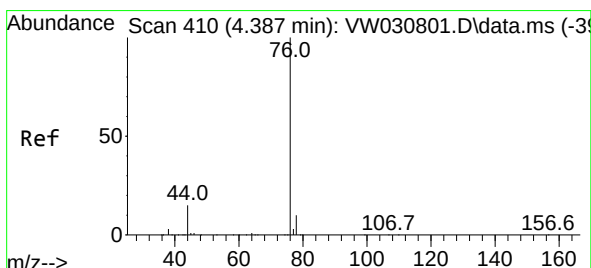
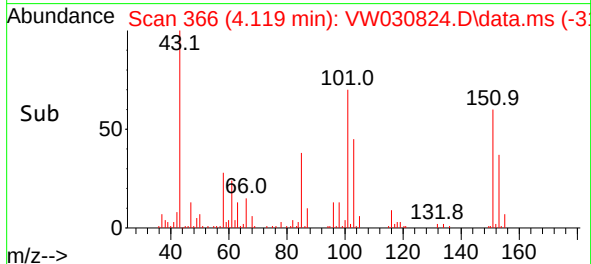
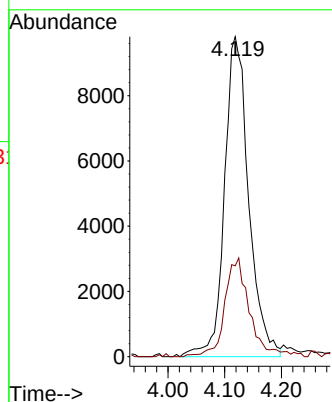
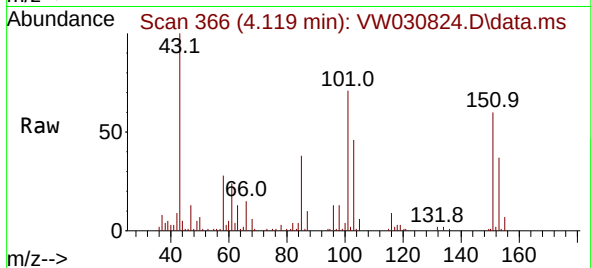
ClientSampleId :

Tgt Ion: 43 Resp: 29109

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.6



#14

Carbon disulfide

Concen: 9.617 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030824.D

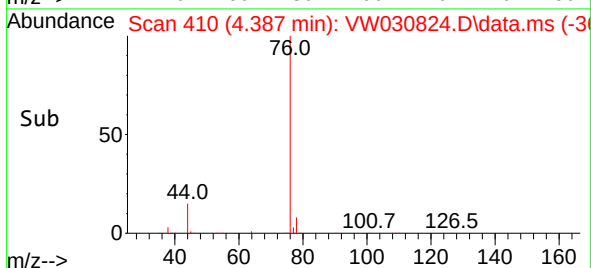
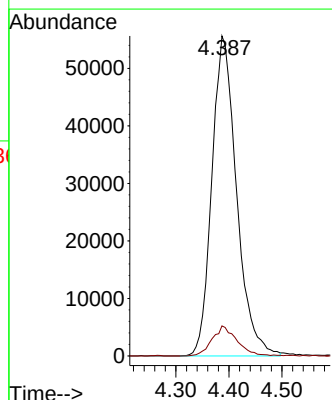
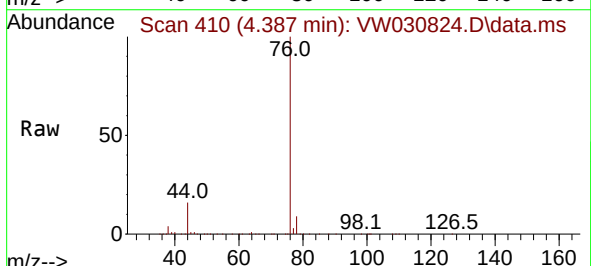
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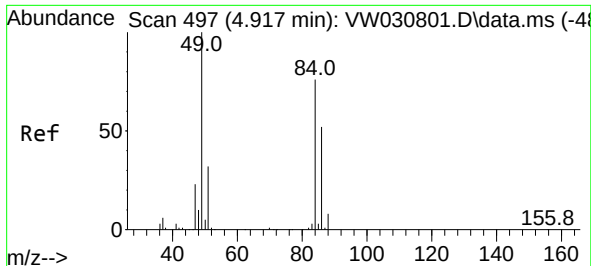
Tgt Ion: 76 Resp: 180232

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

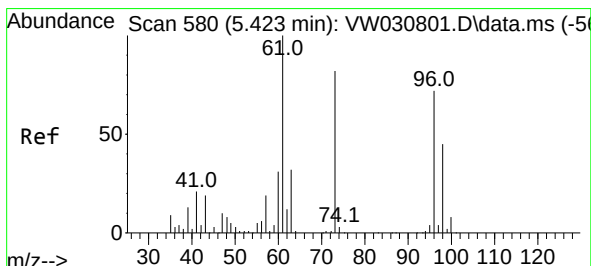
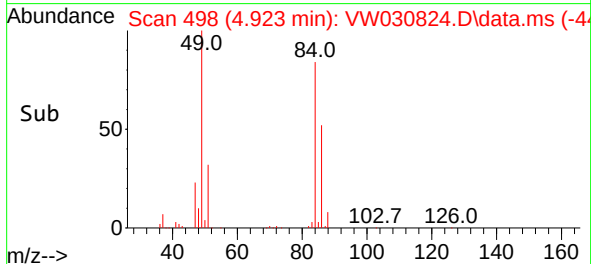
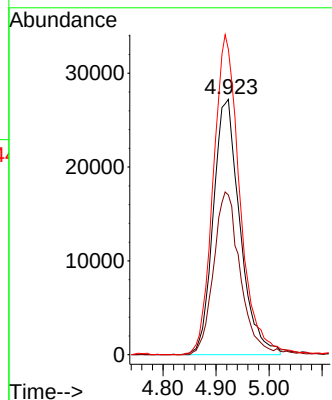
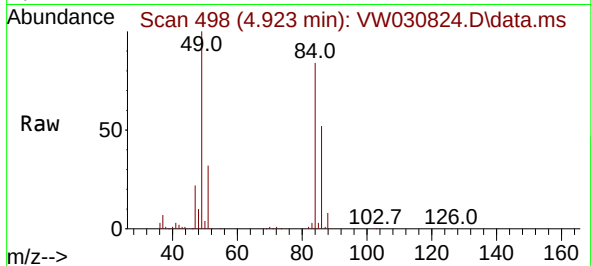




#16
Methylene chloride
Concen: 14.715 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

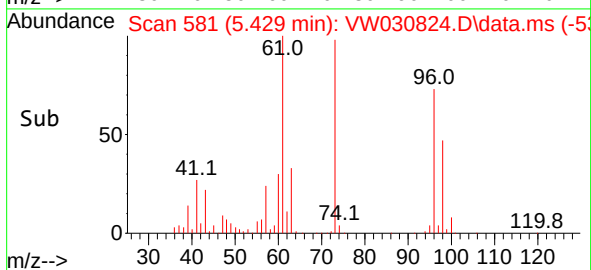
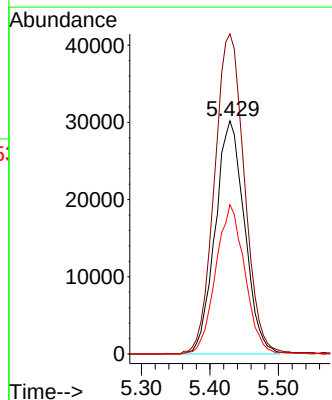
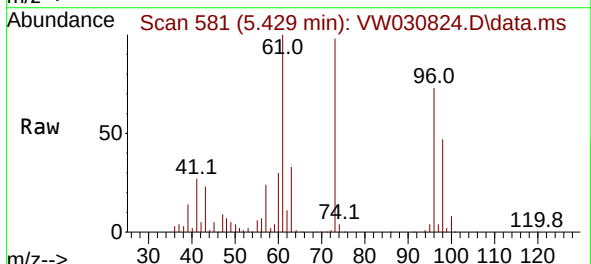
Instrument :
MSVOA_W
ClientSampleId :

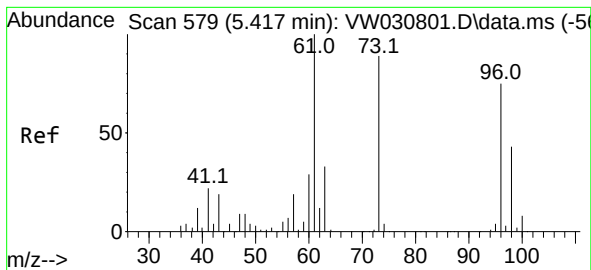
Tgt Ion: 84 Resp: 95161
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 119.6 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 14.478 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 96 Resp: 89665
Ion Ratio Lower Upper
96 100
61 137.3 96.9 179.9
98 64.0 42.2 78.4





#18

Methyl tert-butyl Ether

Concen: 16.757 ug/L

RT: 5.423 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

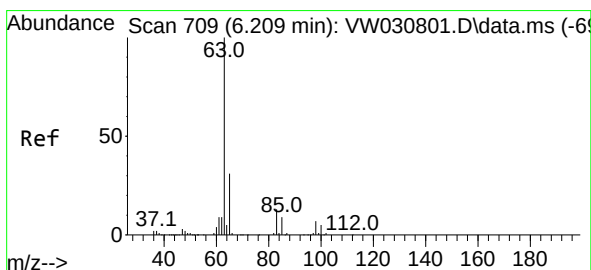
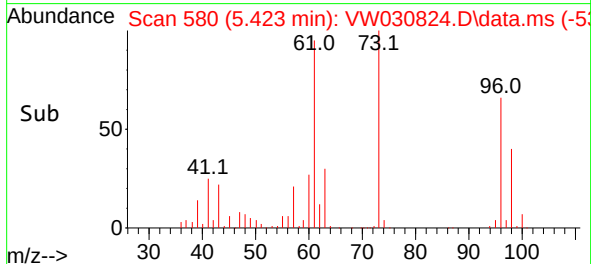
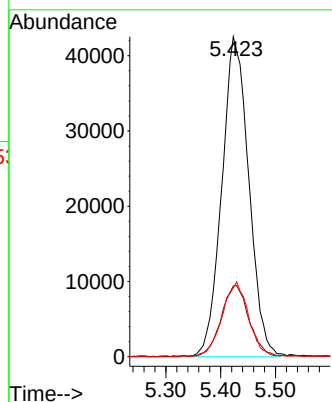
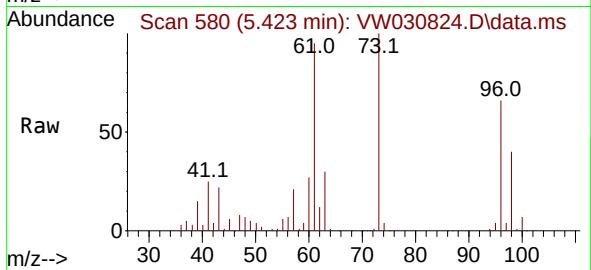
Tgt Ion: 73 Resp: 145242

Ion Ratio Lower Upper

73 100

43 23.0 18.1 27.1

57 22.7 17.7 26.5



#19

1,1-Dichloroethane

Concen: 16.745 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

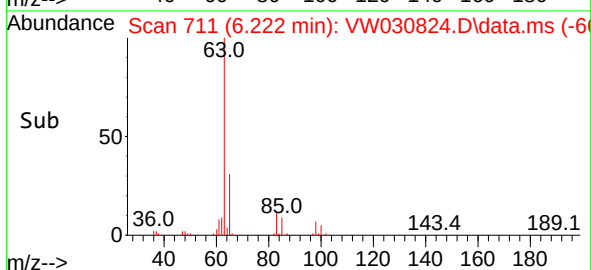
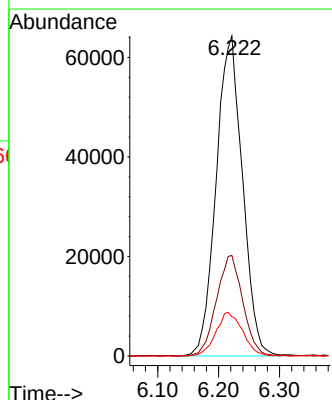
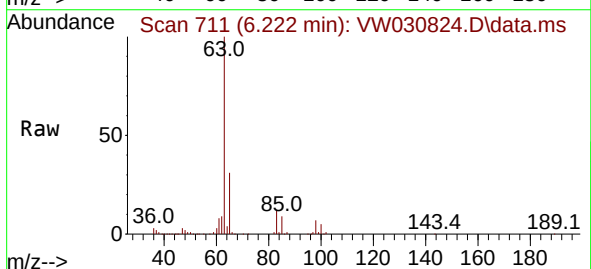
Tgt Ion: 63 Resp: 192737

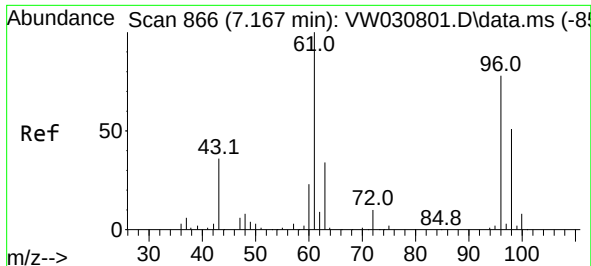
Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

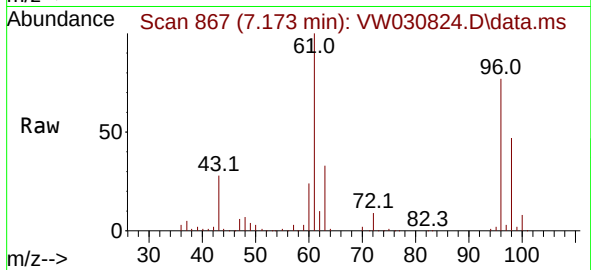
83 12.3 9.8 18.2





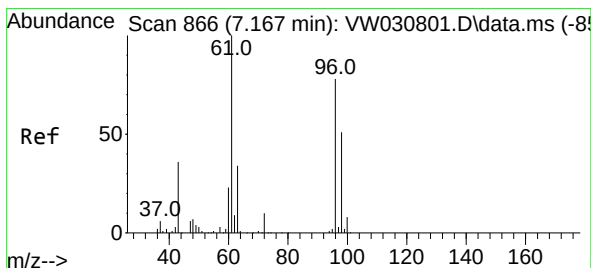
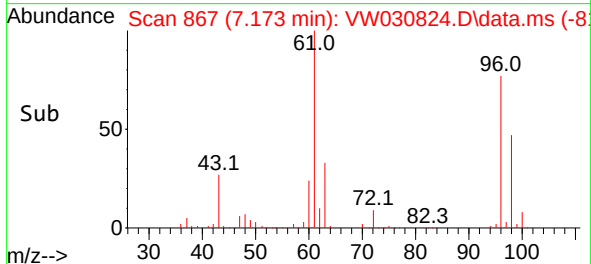
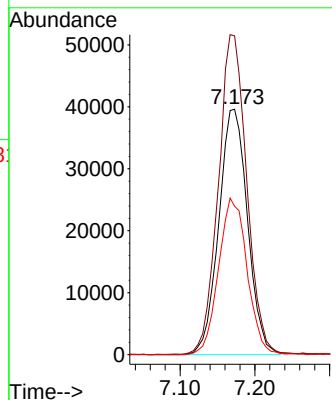
#20
 cis-1,2-Dichloroethene
 Concen: 16.061 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 106095

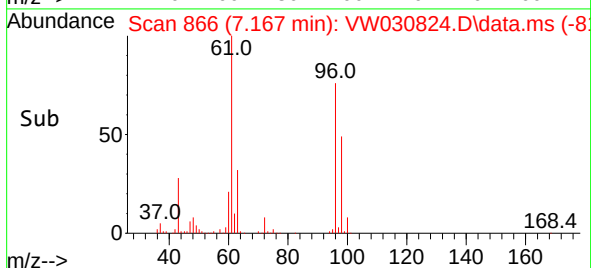
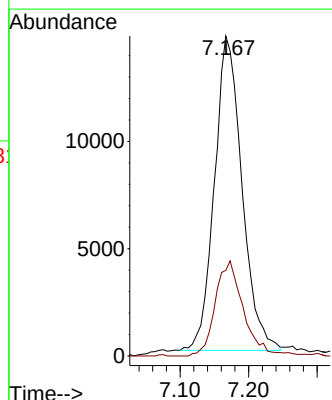
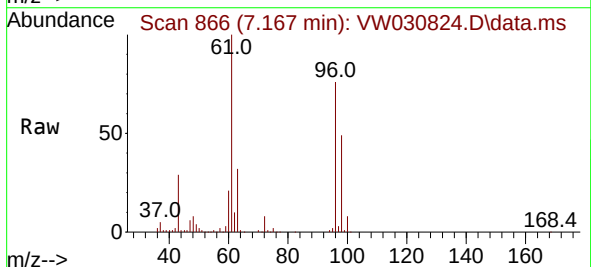
Ion	Ratio	Lower	Upper
96	100		
61	130.0	88.3	163.9
98	60.5	41.3	76.7

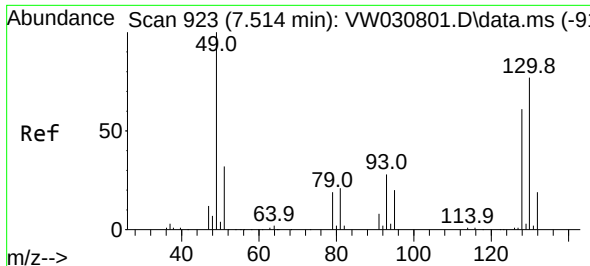


#22
 2-Butanone
 Concen: 21.390 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion: 43 Resp: 40847

Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.4	43.0

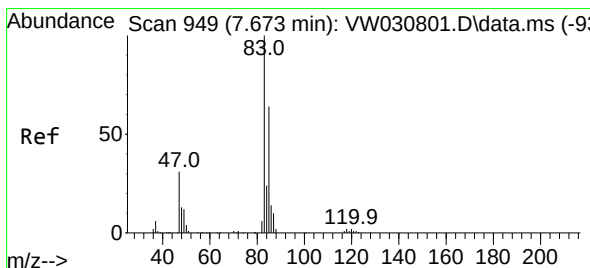
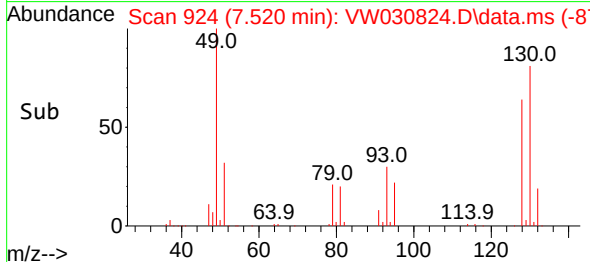
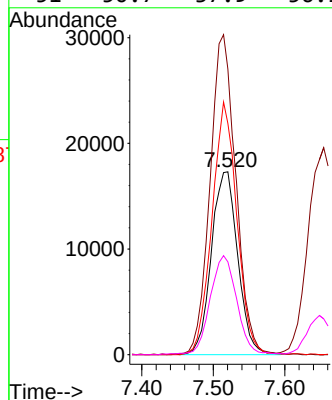
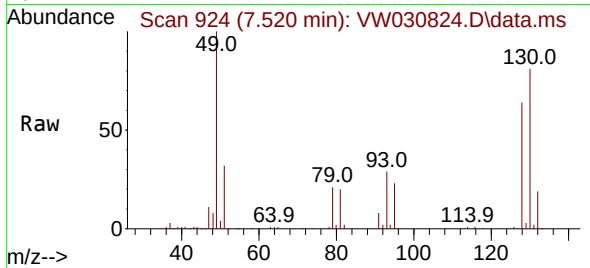




#23
Bromochloromethane
Concen: 15.326 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

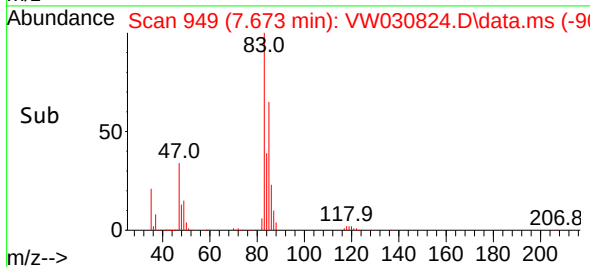
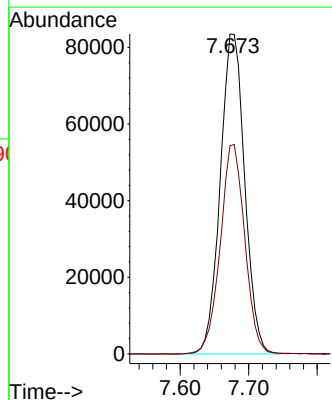
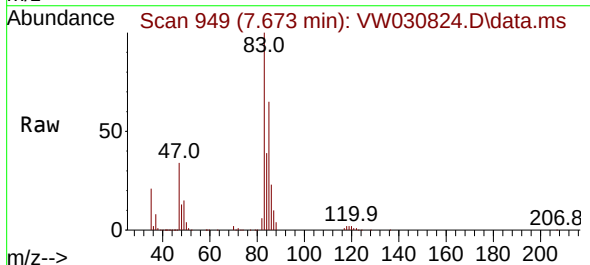
Instrument :
MSVOA_W
ClientSampleId :

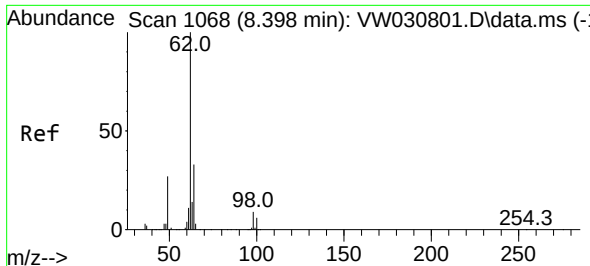
Tgt Ion:128 Resp: 44288
Ion Ratio Lower Upper
128 100
49 156.1 110.1 204.5
130 126.4 82.9 153.9
51 50.7 37.9 56.9



#25
Chloroform
Concen: 16.802 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 83 Resp: 206665
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7





#27

1,2-Dichloroethane

Concen: 15.562 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

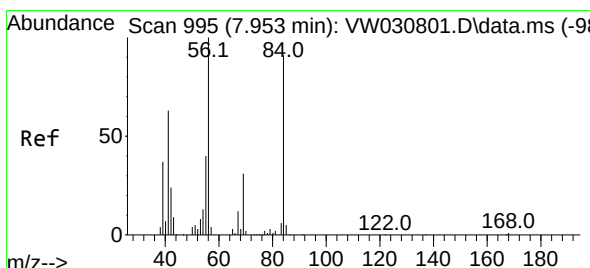
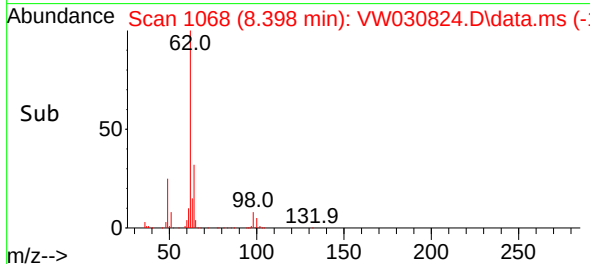
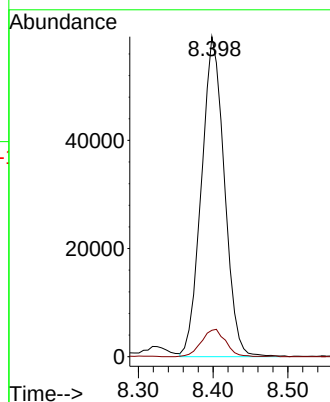
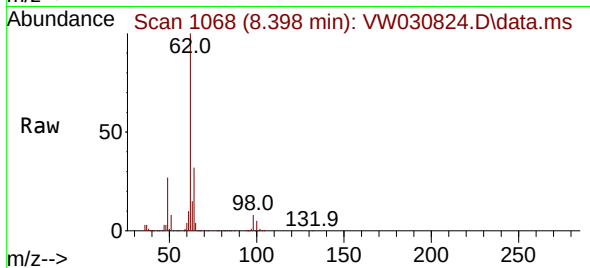
ClientSampleId :

Tgt Ion: 62 Resp: 126282

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6



#29

Cyclohexane

Concen: 15.014 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

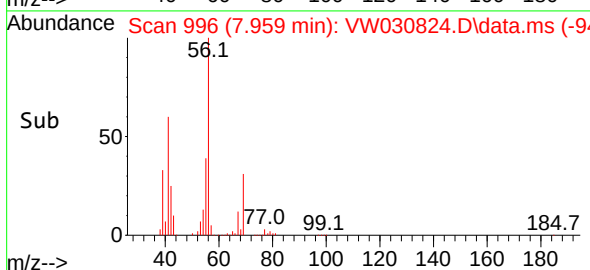
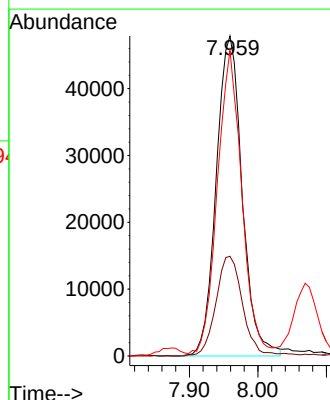
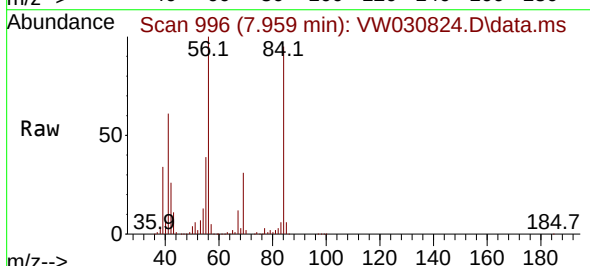
Tgt Ion: 56 Resp: 125671

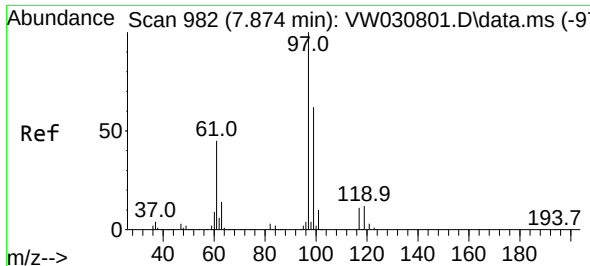
Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

84 90.3 72.3 108.5

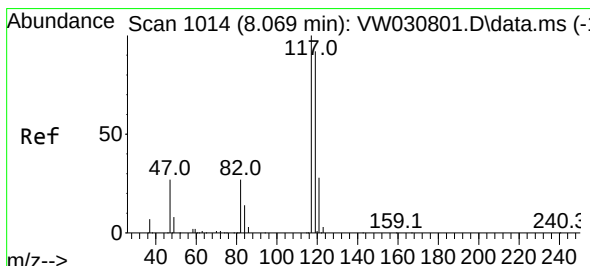
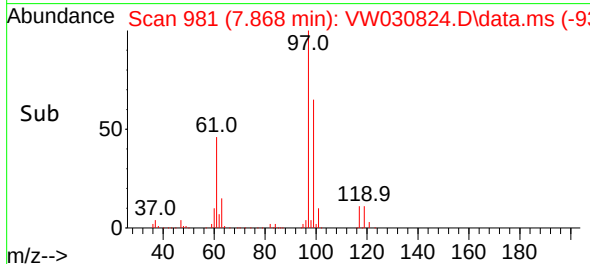
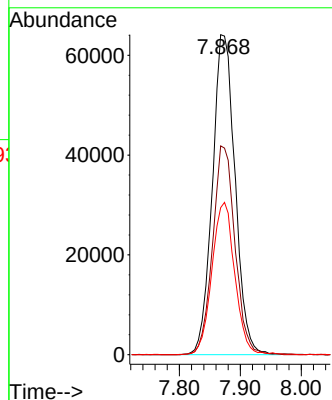
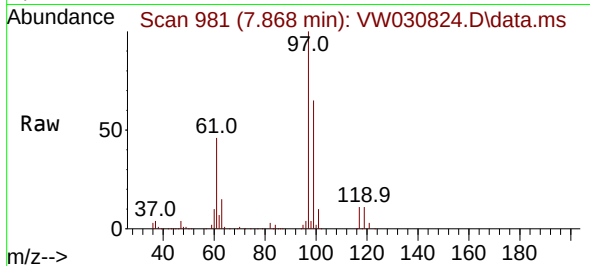




#30
1,1,1-Trichloroethane
Concen: 18.173 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

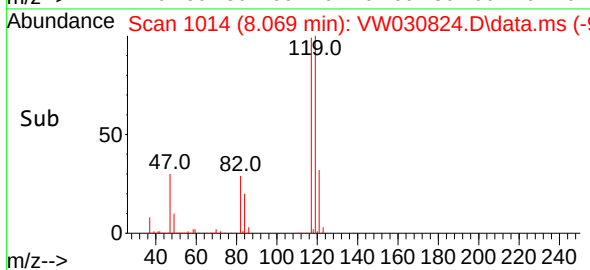
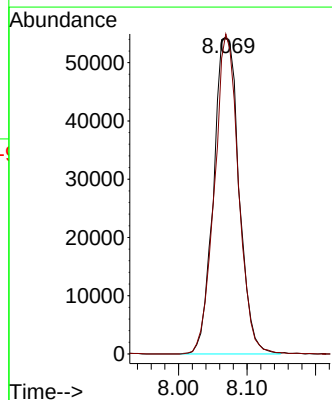
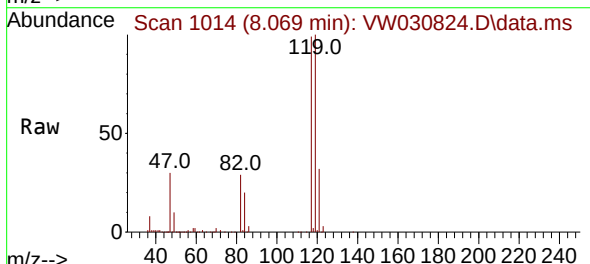
Instrument :
MSVOA_W
ClientSampleId :

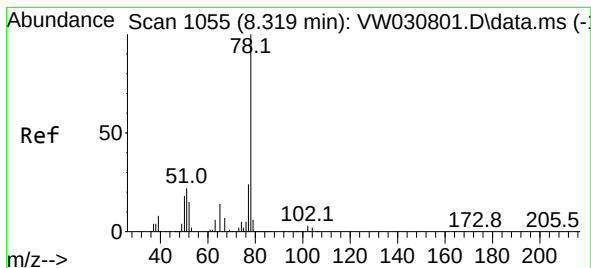
Tgt Ion: 97 Resp: 165877
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 47.9 38.5 57.7



#31
Carbon tetrachloride
Concen: 17.199 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion: 117 Resp: 140211
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8





#33

Benzene

Concen: 17.900 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW030824.D

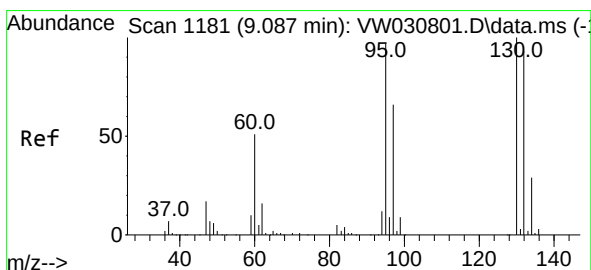
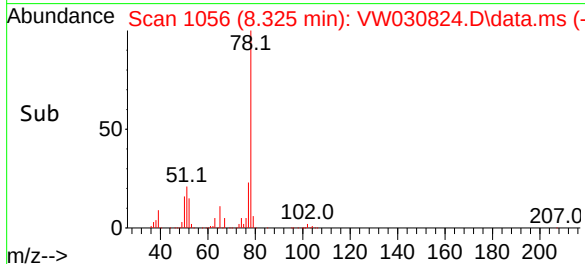
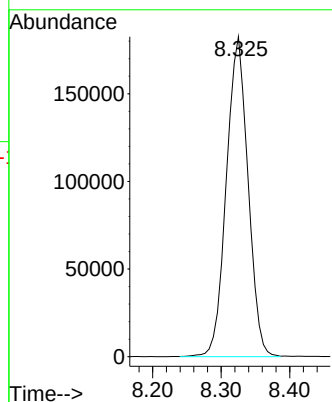
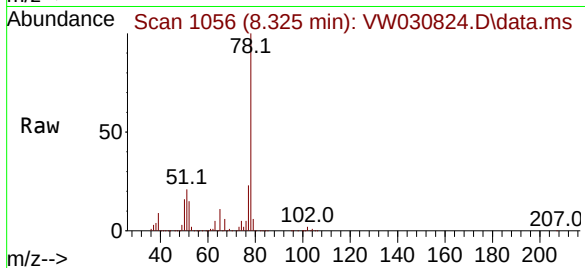
Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 400532



#34

Trichloroethene

Concen: 16.388 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Tgt Ion: 95 Resp: 102016

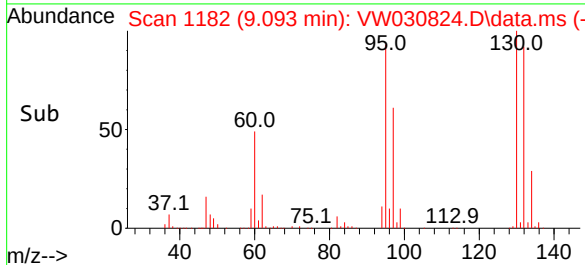
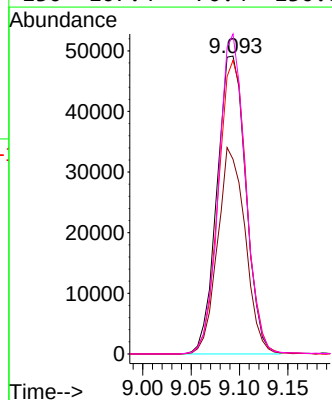
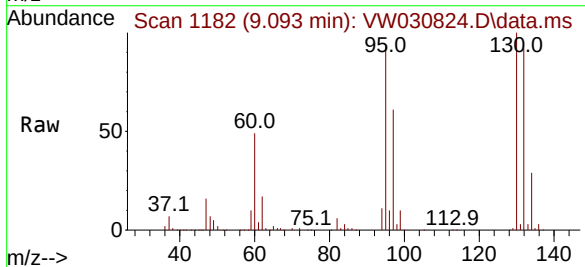
Ion Ratio Lower Upper

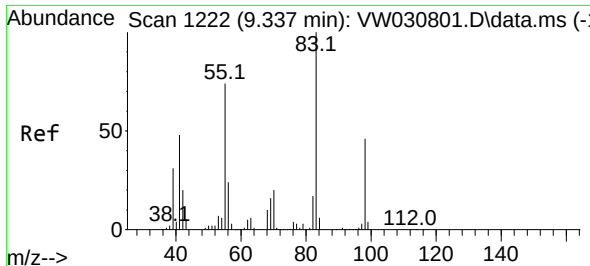
95 100

97 65.3 45.9 85.3

132 98.6 66.4 123.2

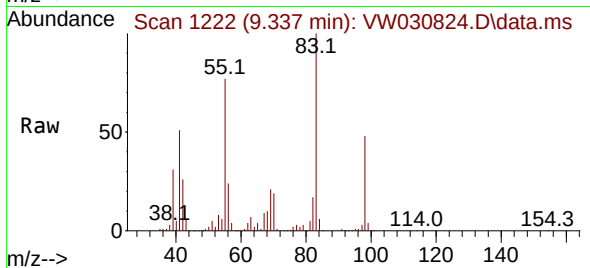
130 107.4 70.4 130.8



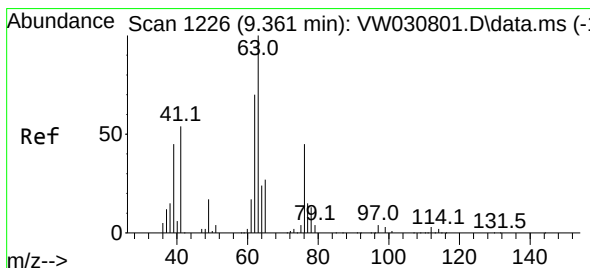
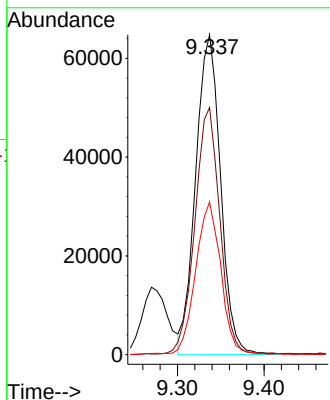
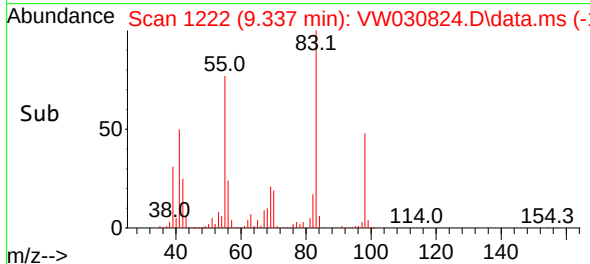


#35
Methylcyclohexane
Concen: 13.191 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

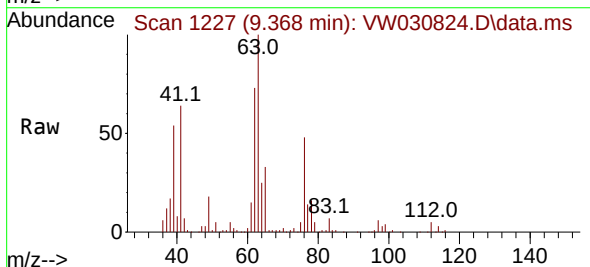
Instrument :
MSVOA_W
ClientSampleId :



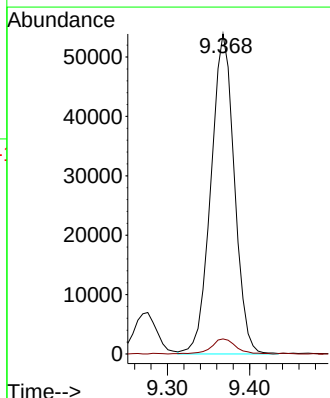
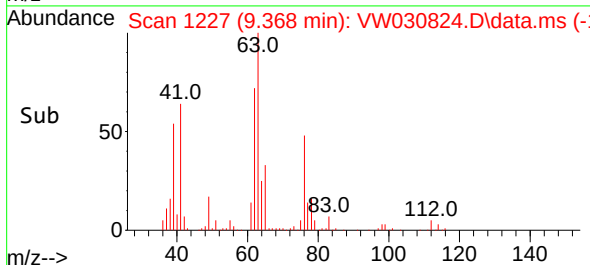
Tgt Ion: 83 Resp: 129233
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.8
98 48.4 39.3 58.9

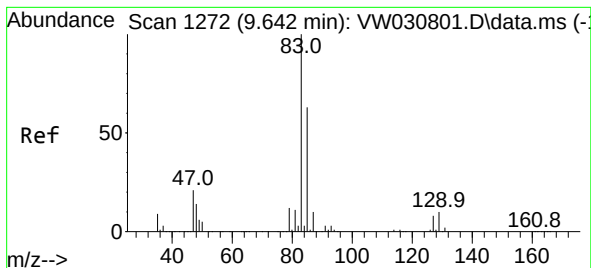


#37
1,2-Dichloropropane
Concen: 19.139 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



Tgt Ion: 63 Resp: 106959
Ion Ratio Lower Upper
63 100
112 4.9 3.7 5.5





#38

Bromodichloromethane

Concen: 18.691 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

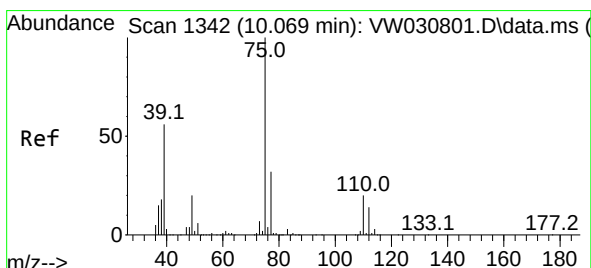
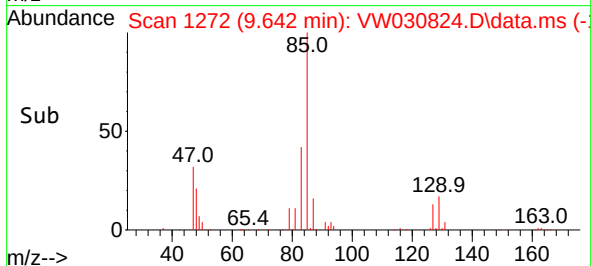
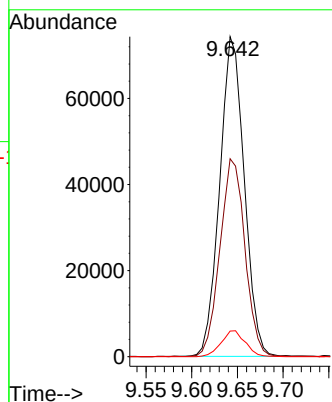
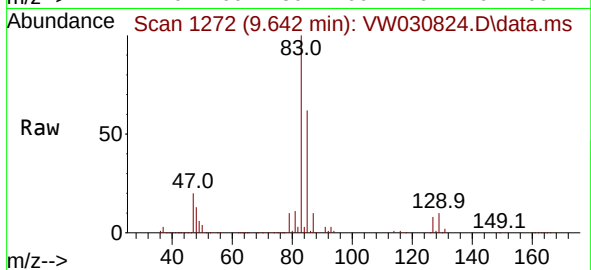
Tgt Ion: 83 Resp: 138978

Ion Ratio Lower Upper

83 100

85 61.9 44.2 82.0

127 8.0 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 17.533 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030824.D

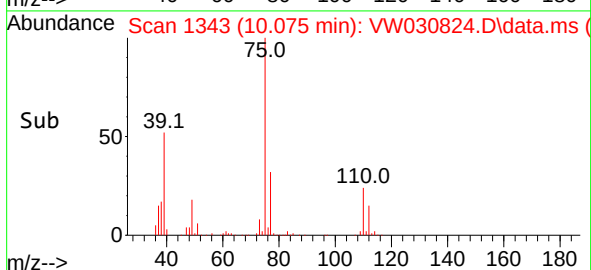
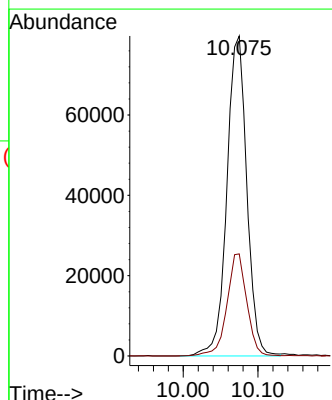
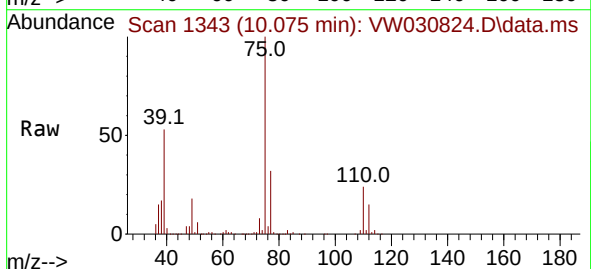
Acq: 29 Oct 2024 23:16

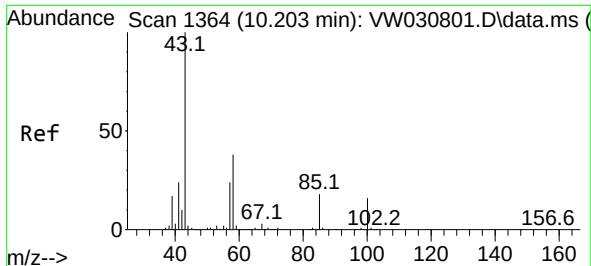
Tgt Ion: 75 Resp: 147794

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 36.894 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

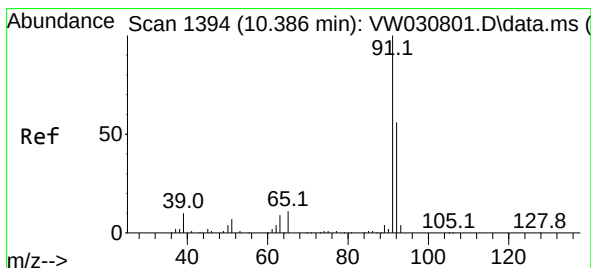
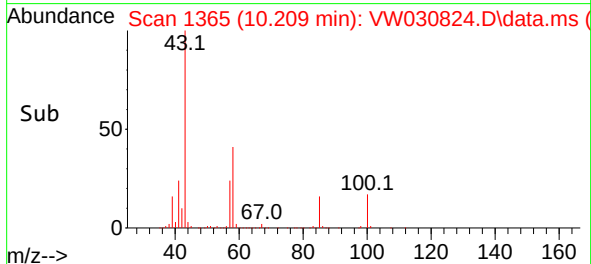
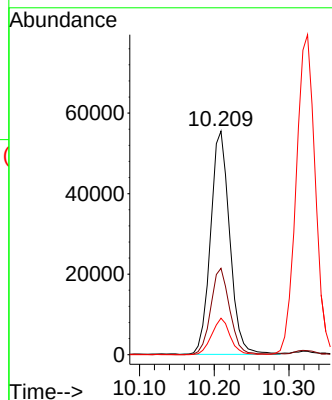
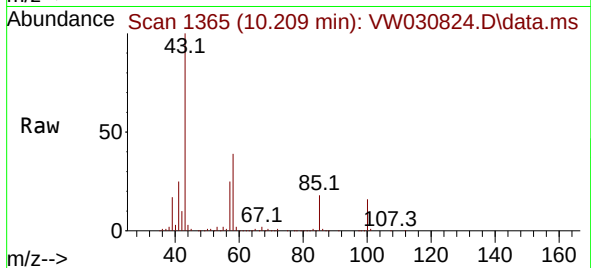
Tgt Ion: 43 Resp: 99053

Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.2

100 15.7 13.1 19.7



#42

Toluene

Concen: 17.652 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030824.D

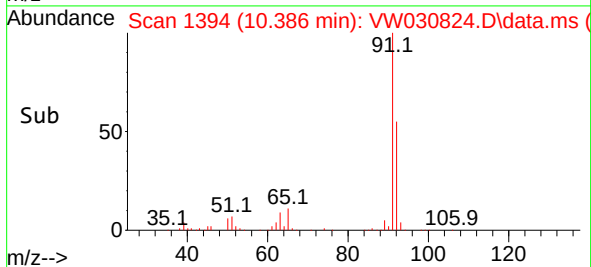
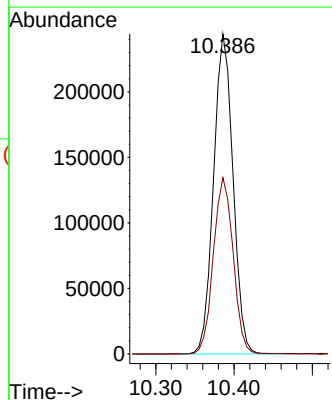
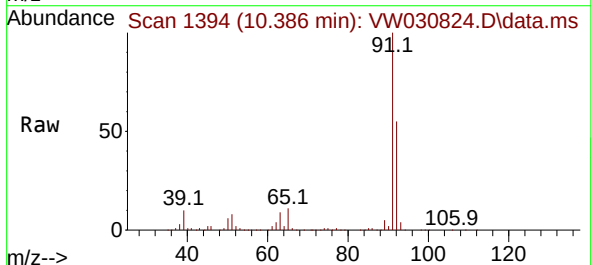
Acq: 29 Oct 2024 23:16

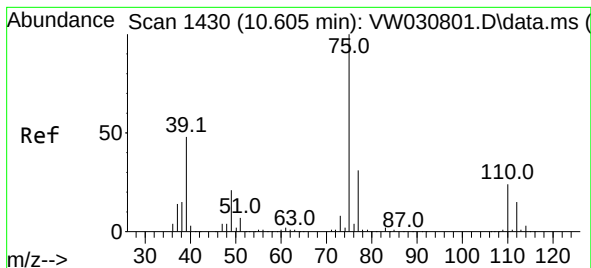
Tgt Ion: 91 Resp: 421394

Ion Ratio Lower Upper

91 100

92 55.1 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 16.707 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

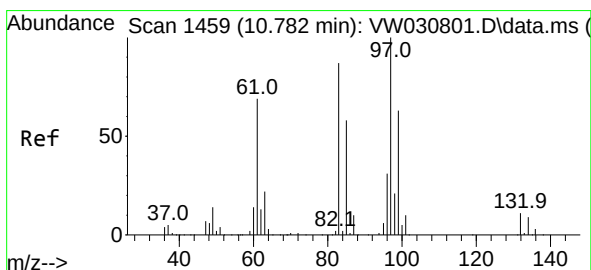
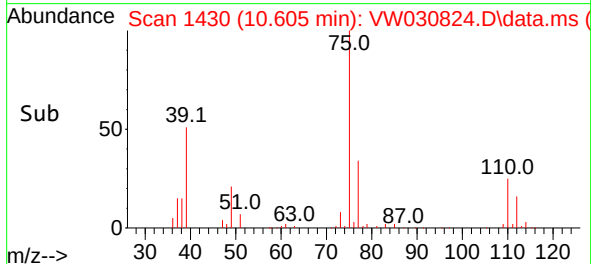
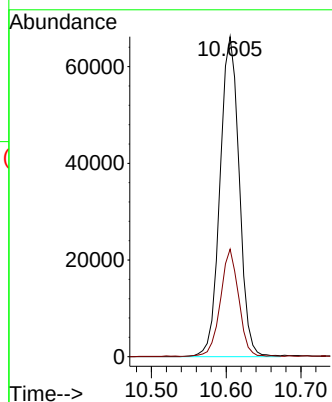
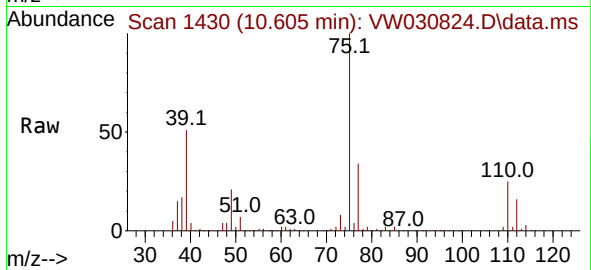
ClientSampleId :

Tgt Ion: 75 Resp: 118348

Ion Ratio Lower Upper

75 100

77 33.6 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 17.870 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Tgt Ion: 97 Resp: 72176

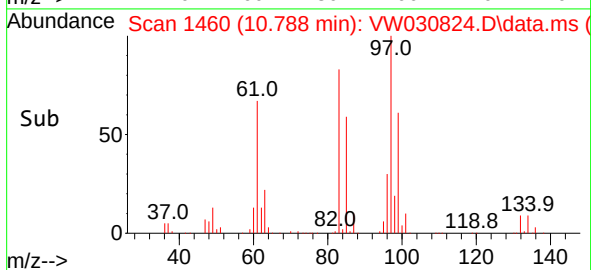
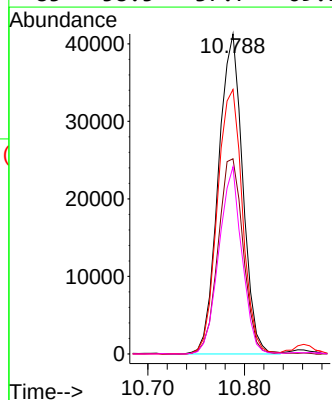
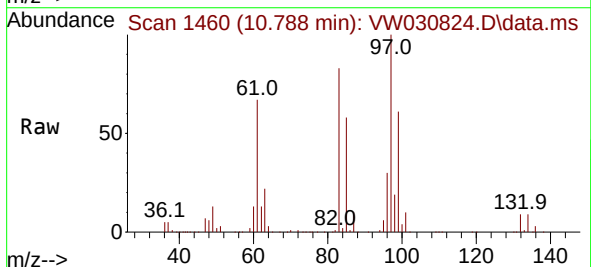
Ion Ratio Lower Upper

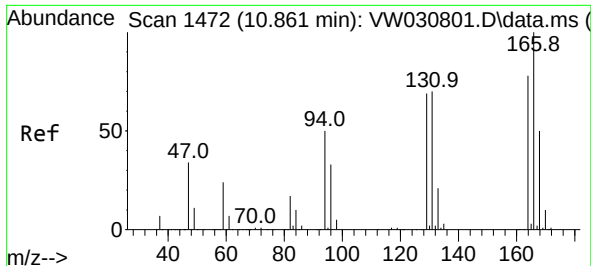
97 100

99 61.0 41.2 76.6

83 82.7 59.6 110.6

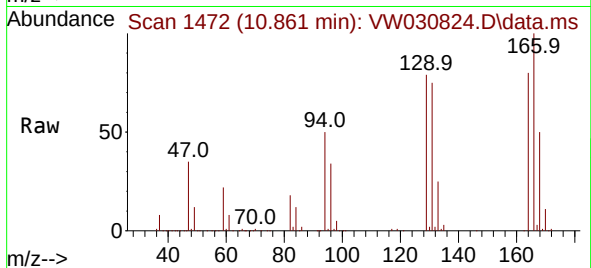
85 58.5 37.7 69.9



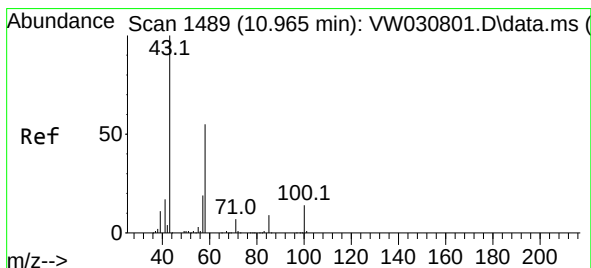
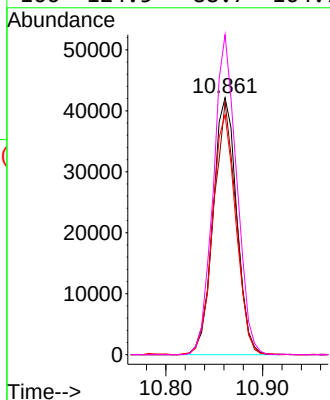
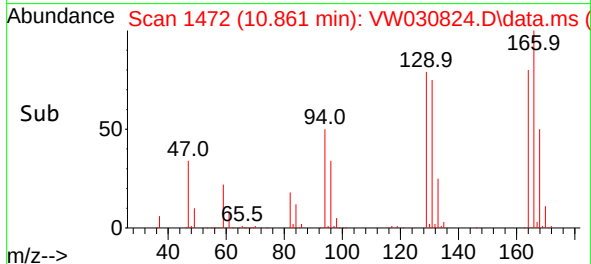


#46
Tetrachloroethene
Concen: 15.536 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

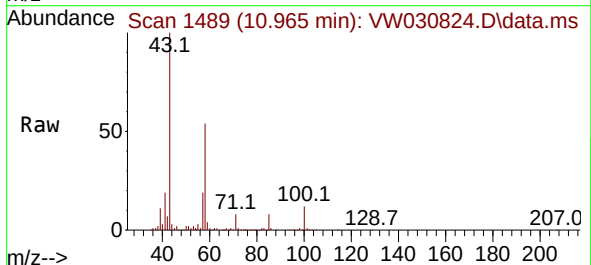
Instrument :
MSVOA_W
ClientSampleId :



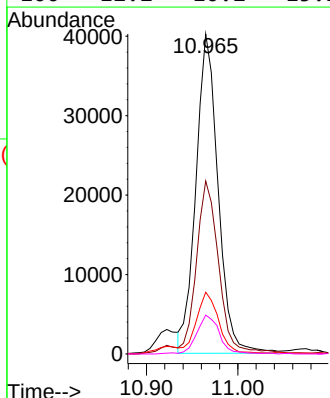
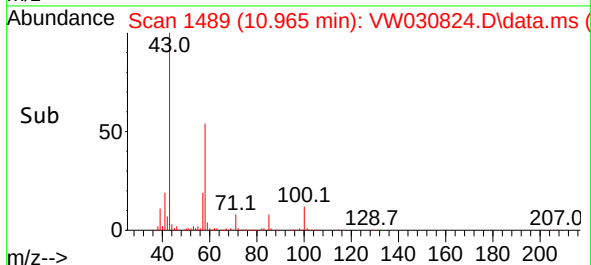
Tgt Ion:164 Resp: 71330
Ion Ratio Lower Upper
164 100
129 98.3 66.6 123.6
131 93.3 63.7 118.3
166 124.5 88.7 164.7

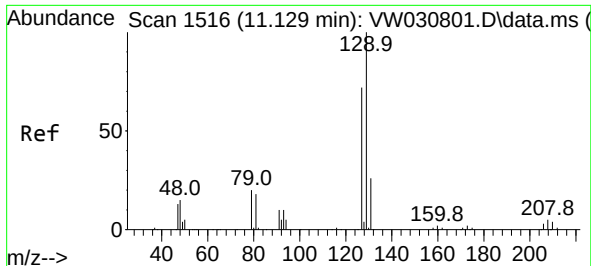


#48
2-Hexanone
Concen: 30.922 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



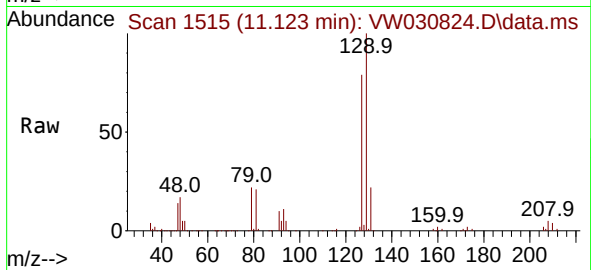
Tgt Ion: 43 Resp: 67892
Ion Ratio Lower Upper
43 100
58 54.6 44.6 67.0
57 18.0 15.8 23.8
100 12.2 10.2 15.2



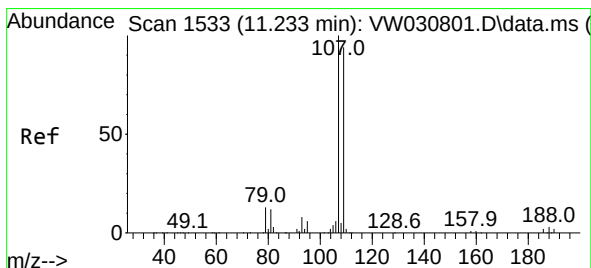
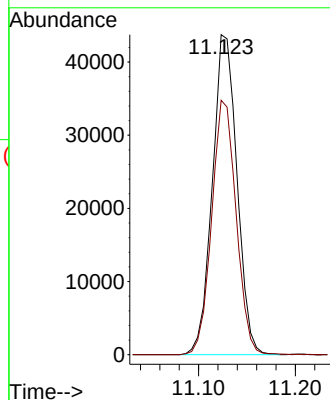
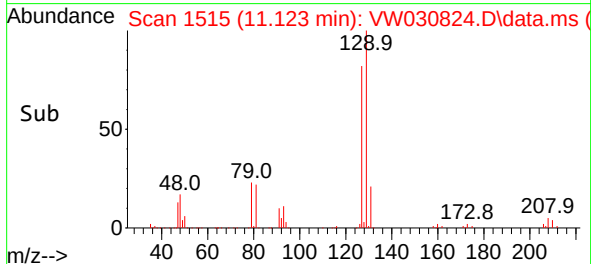


#49
Dibromochloromethane
Concen: 17.167 ug/L
RT: 11.123 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Instrument :
MSVOA_W
ClientSampleId :

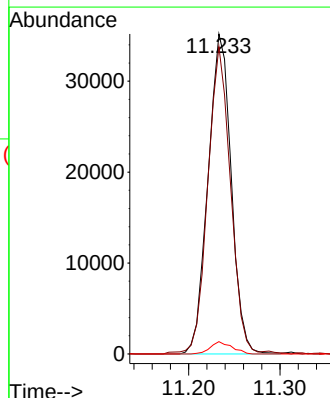
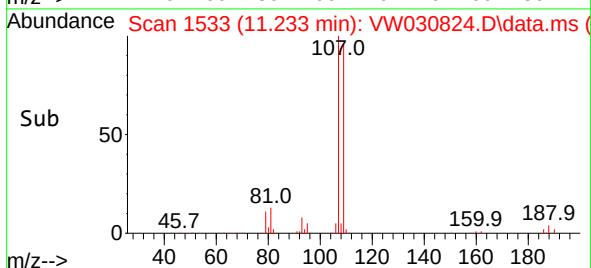
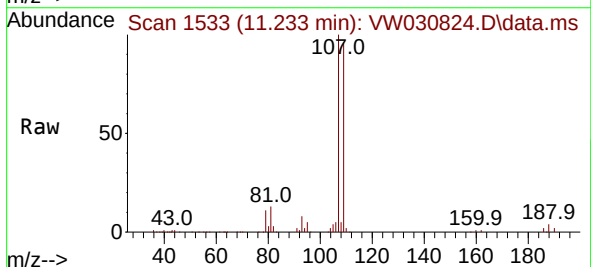


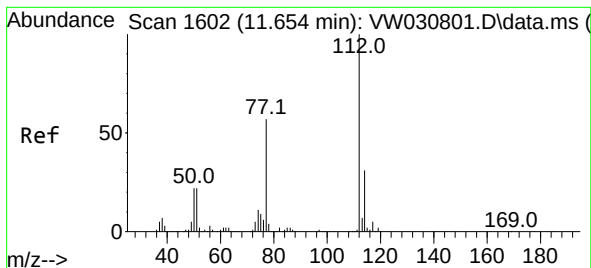
Tgt Ion:129 Resp: 77365
Ion Ratio Lower Upper
129 100
127 79.5 56.5 104.9



#50
1,2-Dibromoethane
Concen: 16.452 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:107 Resp: 62004
Ion Ratio Lower Upper
107 100
109 96.1 63.8 118.6
188 3.8 2.6 3.8





#51

Chlorobenzene

Concen: 16.456 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

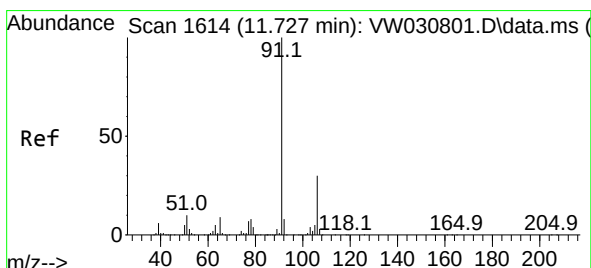
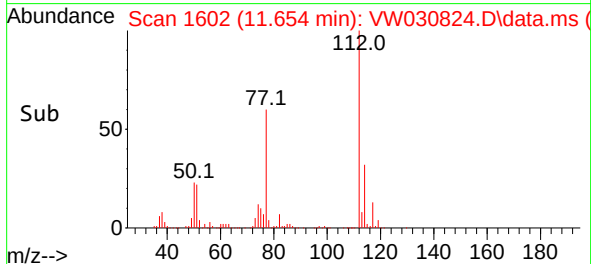
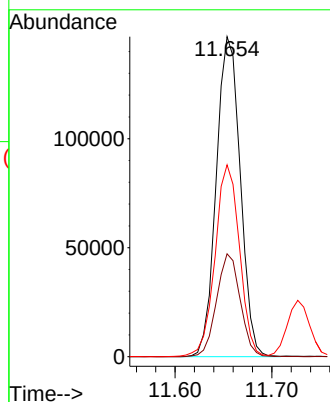
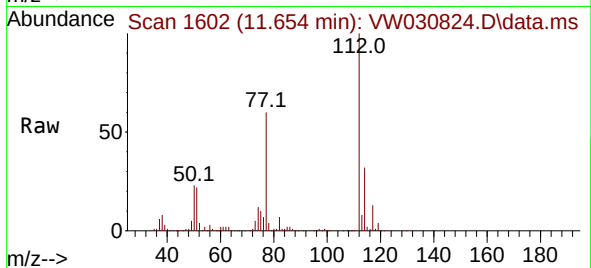
Tgt Ion:112 Resp: 252879

Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 60.0 47.1 70.7



#52

Ethylbenzene

Concen: 16.799 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030824.D

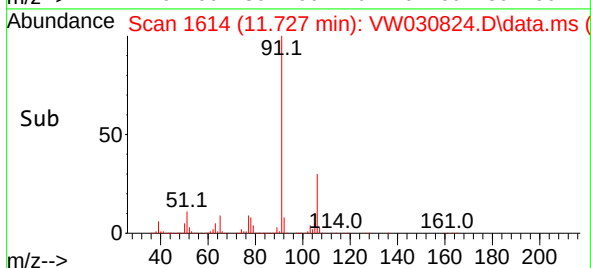
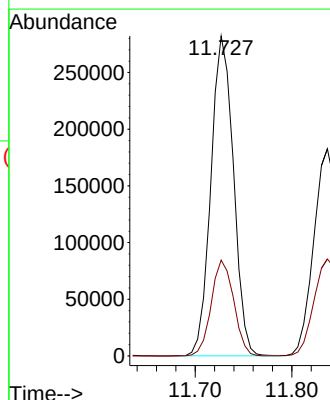
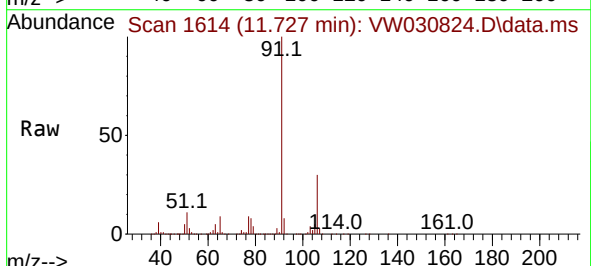
Acq: 29 Oct 2024 23:16

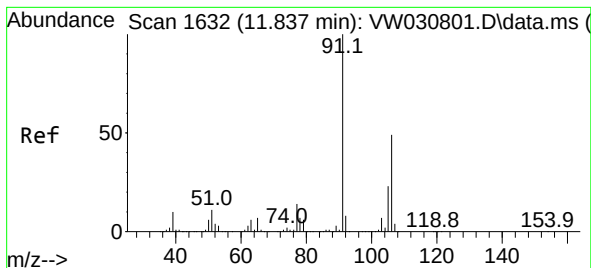
Tgt Ion: 91 Resp: 457584

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1





#53

m,p-Xylene

Concen: 15.988 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

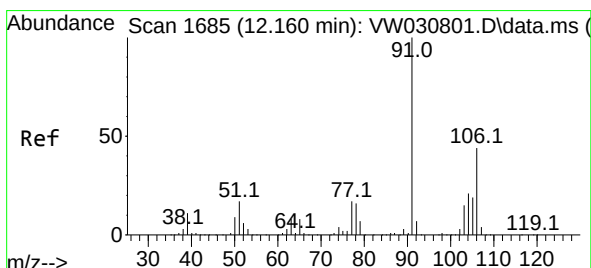
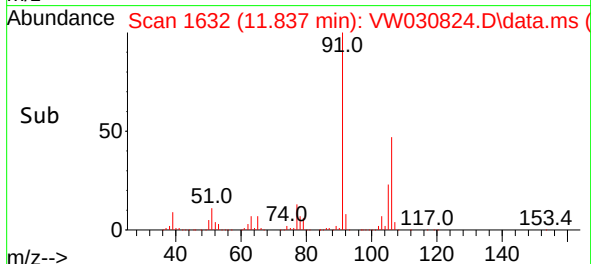
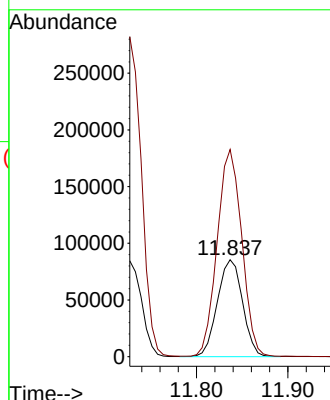
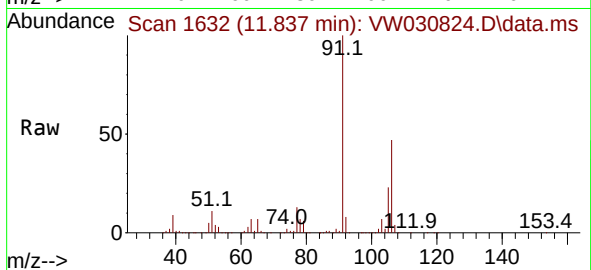
ClientSampleId :

Tgt Ion:106 Resp: 163155

Ion Ratio Lower Upper

106 100

91 213.6 140.6 261.2



#54

o-Xylene

Concen: 16.825 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW030824.D

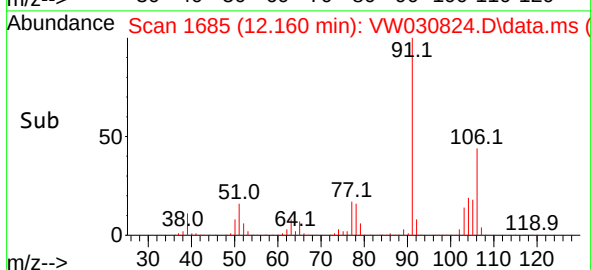
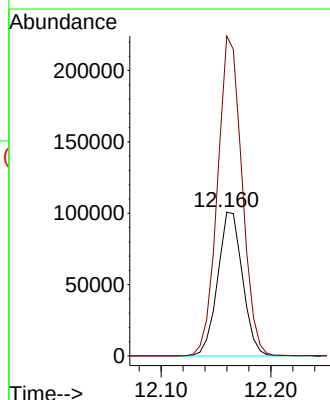
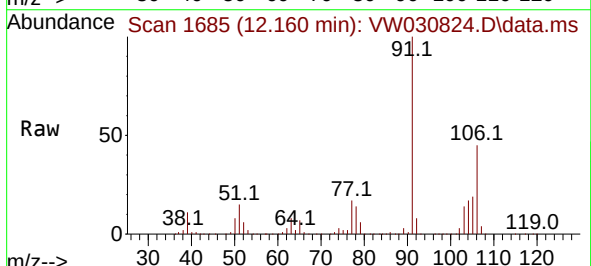
Acq: 29 Oct 2024 23:16

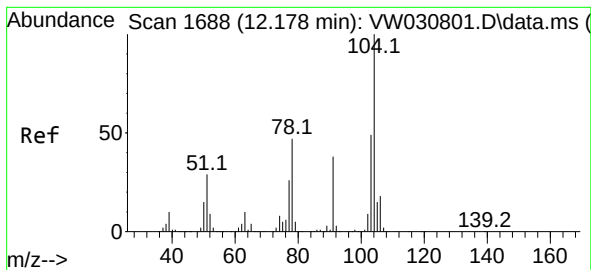
Tgt Ion:106 Resp: 158733

Ion Ratio Lower Upper

106 100

91 222.8 144.5 268.4





#55

Styrene

Concen: 15.879 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

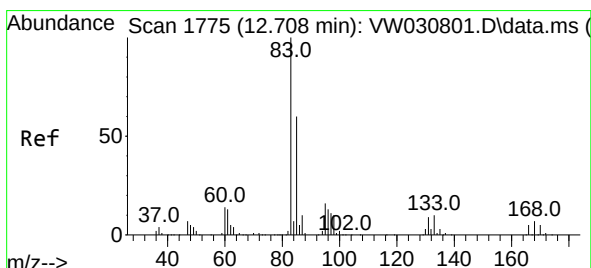
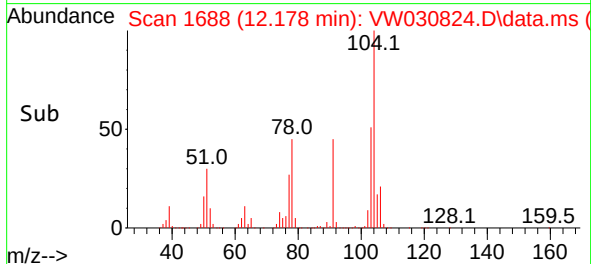
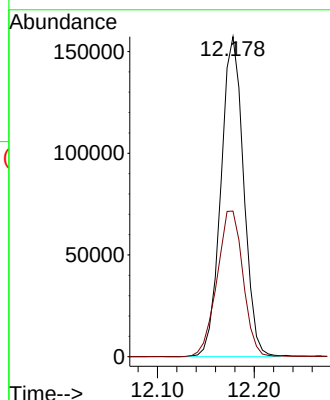
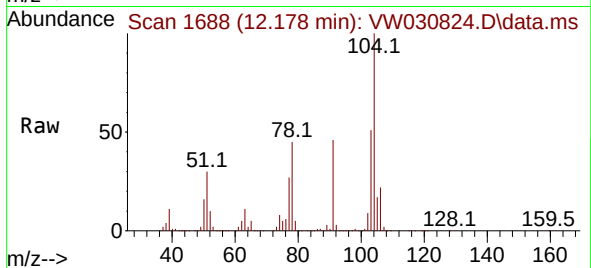
ClientSampleId :

Tgt Ion:104 Resp: 256109

Ion Ratio Lower Upper

104 100

78 45.5 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 16.070 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

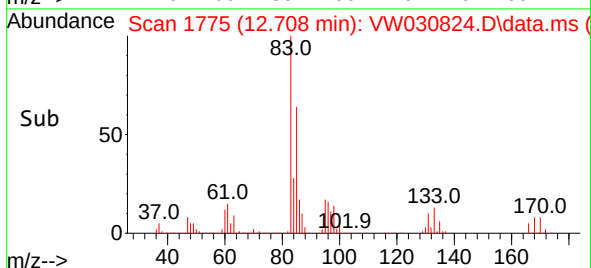
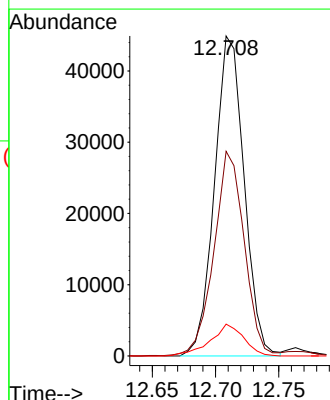
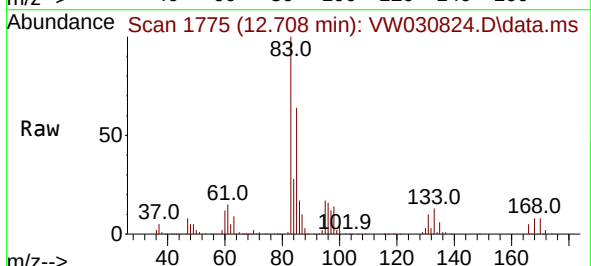
Tgt Ion: 83 Resp: 73194

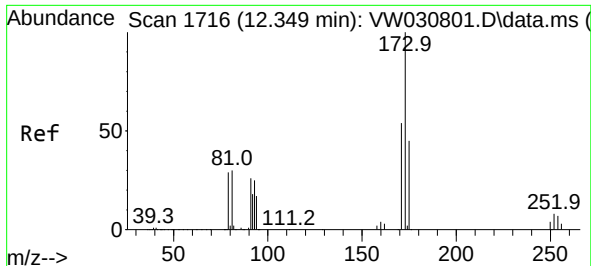
Ion Ratio Lower Upper

83 100

85 63.9 42.6 79.2

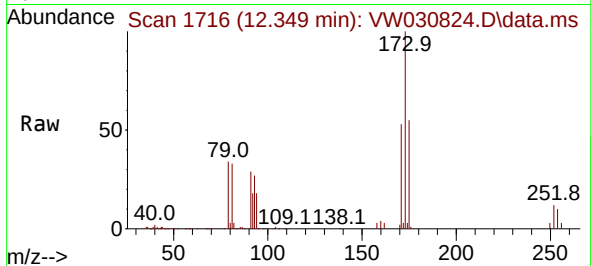
131 9.9 7.4 11.0



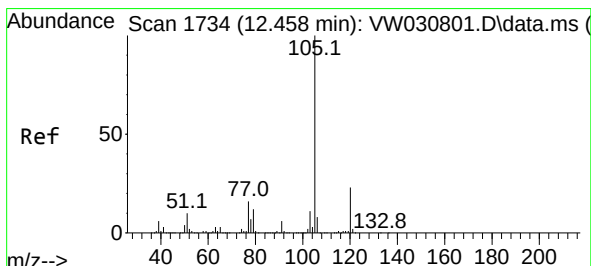
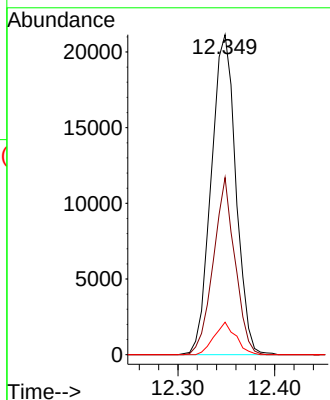
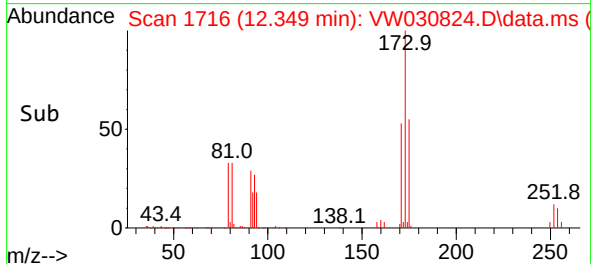


#59
Bromoform
Concen: 20.475 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Instrument :
MSVOA_W
ClientSampleId :

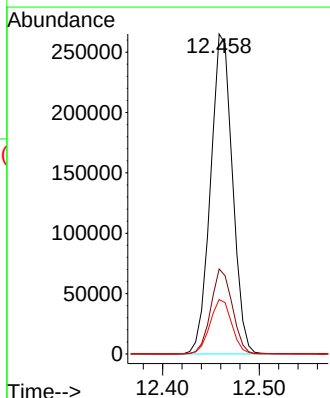
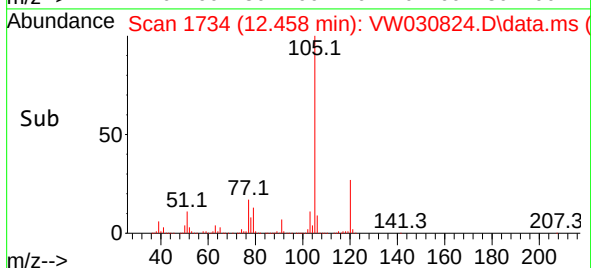
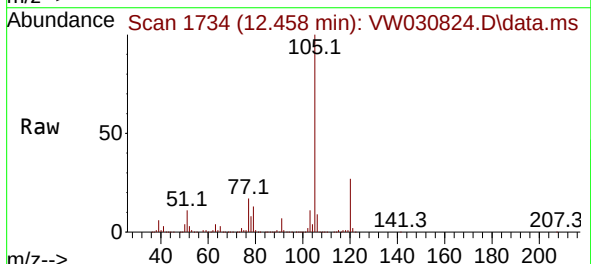


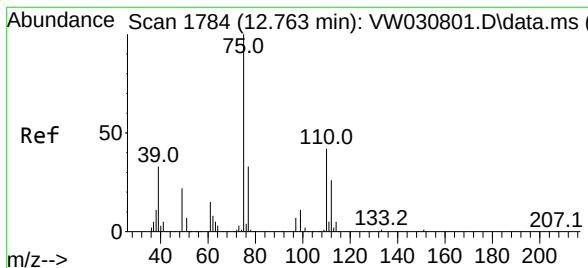
Tgt Ion:173 Resp: 37338
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.0 7.7 11.5



#60
Isopropylbenzene
Concen: 20.738 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

Tgt Ion:105 Resp: 416850
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 17.0 13.4 20.0

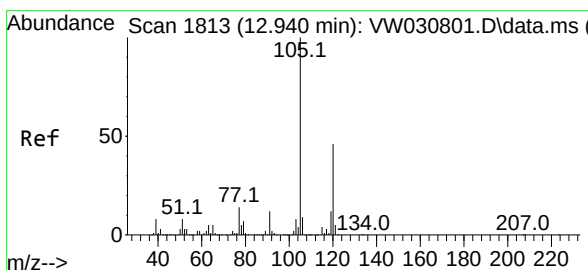
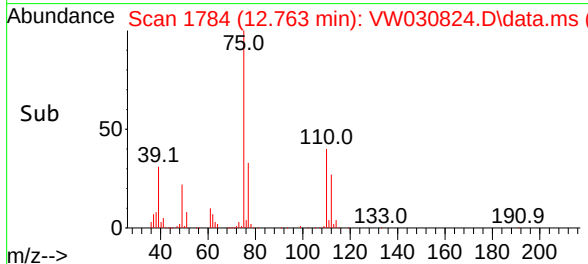
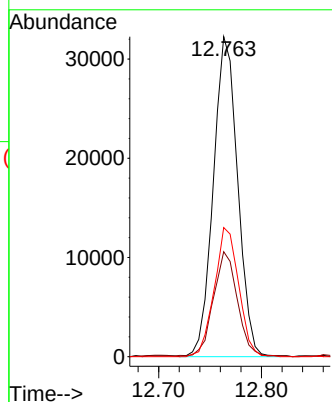
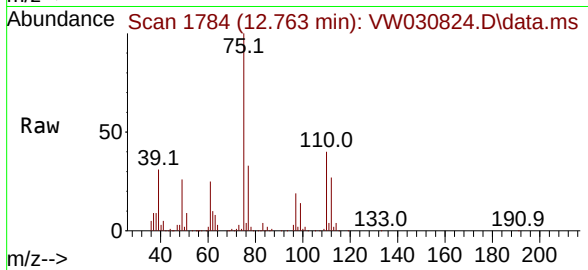




#61
1,2,3-Trichloropropane
Concen: 21.010 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

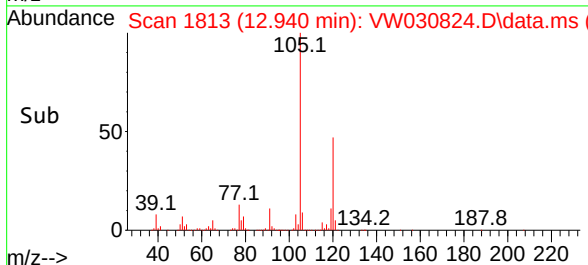
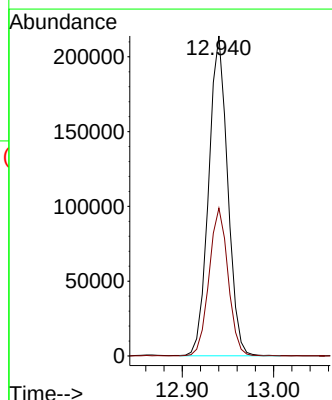
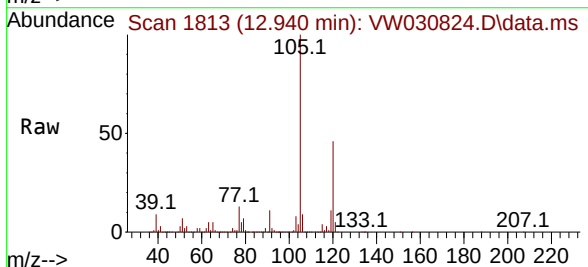
Instrument :
MSVOA_W
ClientSampleId :

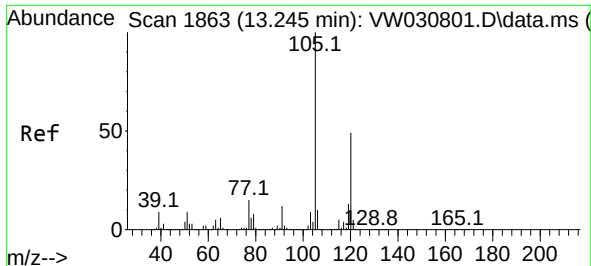
Tgt Ion: 75 Resp: 53066
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 40.3 32.3 48.5



#62
1,3,5-Trimethylbenzene
Concen: 19.520 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

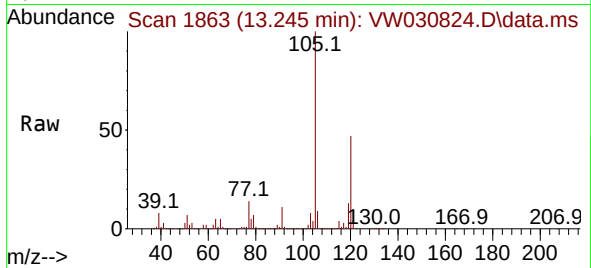
Tgt Ion:105 Resp: 309547
Ion Ratio Lower Upper
105 100
120 46.2 38.0 57.0



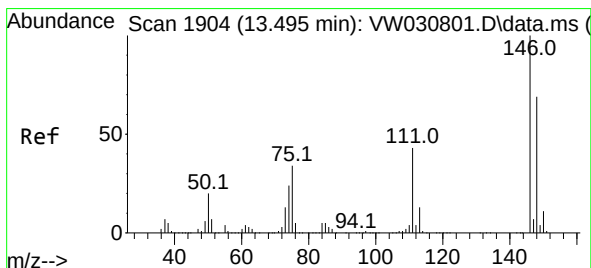
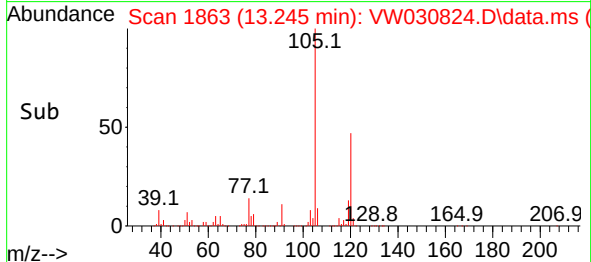
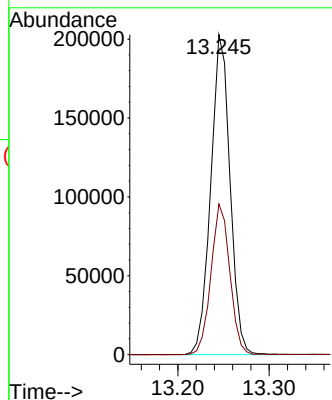


#63
 1,2,4-Trimethylbenzene
 Concen: 19.134 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Instrument :
 MSVOA_W
 ClientSampleId :

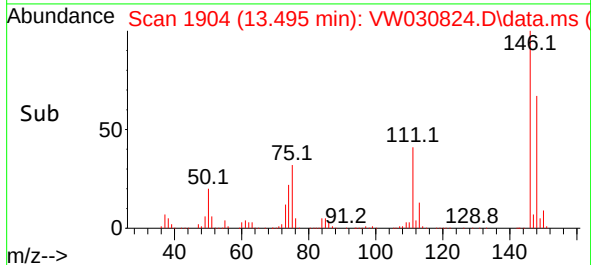
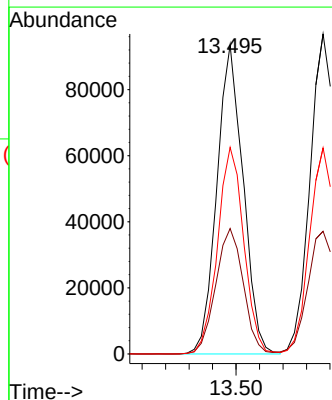
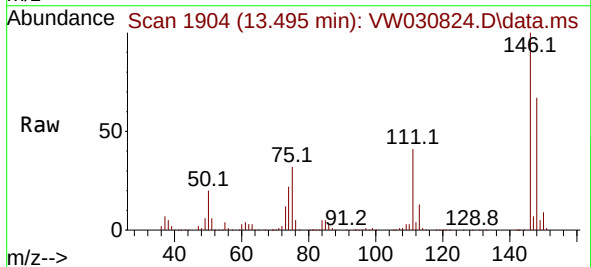


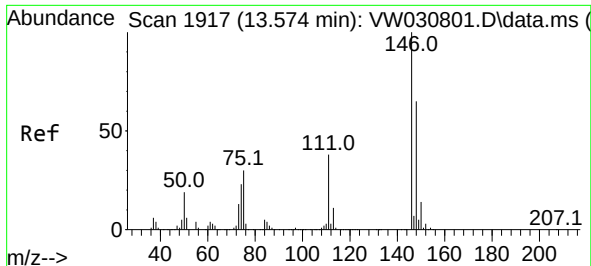
Tgt Ion:105 Resp: 297094
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.8 53.6



#64
 1,3-Dichlorobenzene
 Concen: 16.596 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Tgt Ion:146 Resp: 145207
 Ion Ratio Lower Upper
 146 100
 111 40.6 31.2 58.0
 148 66.8 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 16.645 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

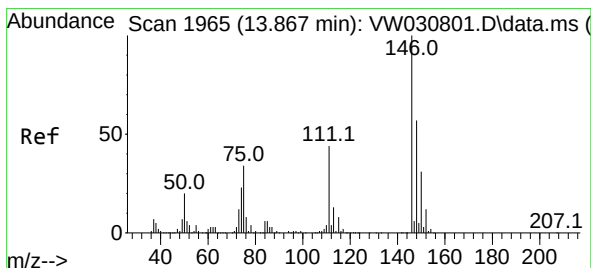
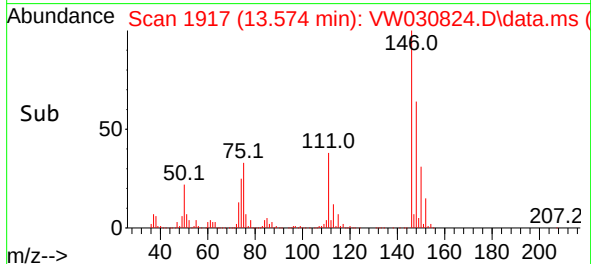
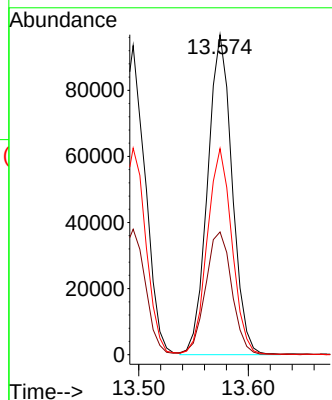
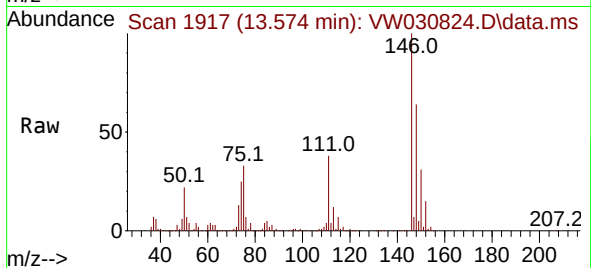
Tgt Ion:146 Resp: 150371

Ion Ratio Lower Upper

146 100

111 38.4 26.8 49.8

148 64.4 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 15.955 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030824.D

Acq: 29 Oct 2024 23:16

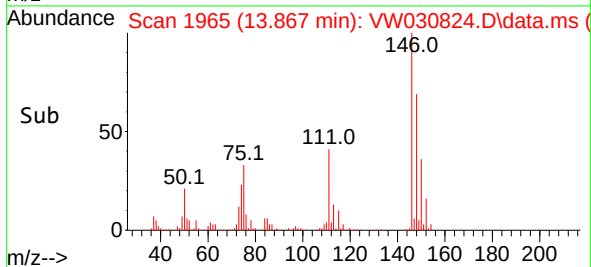
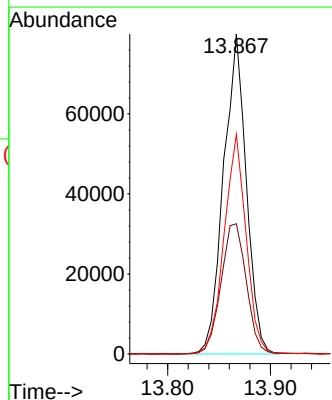
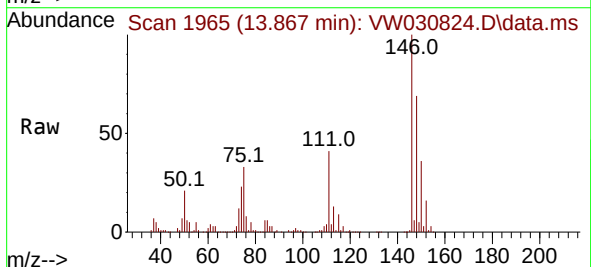
Tgt Ion:146 Resp: 122843

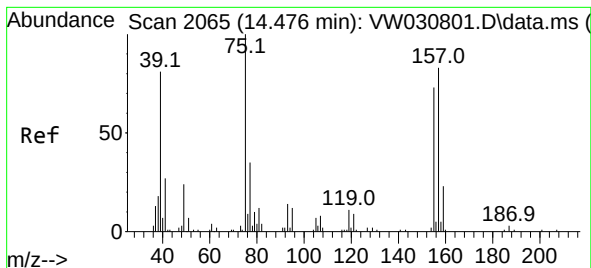
Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

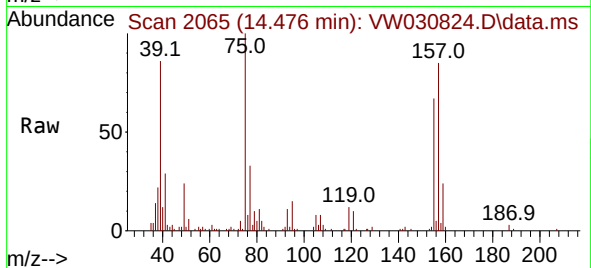
148 68.7 53.3 79.9



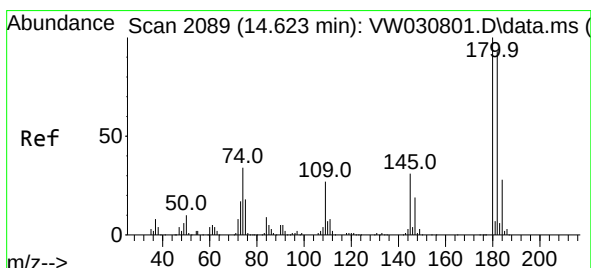
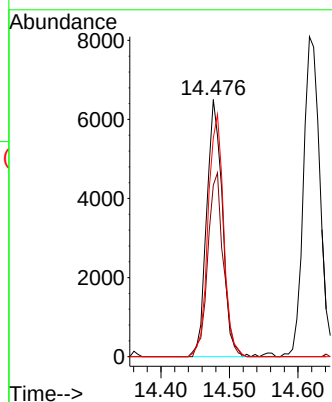
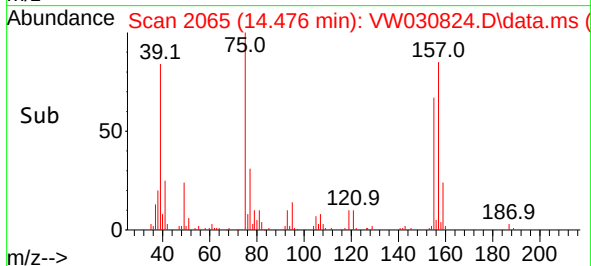


#68
 1,2-Dibromo-3-chloropropane
 Concen: 18.552 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

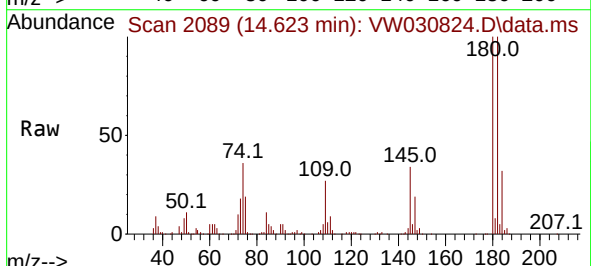
Instrument :
 MSVOA_W
 ClientSampleId :



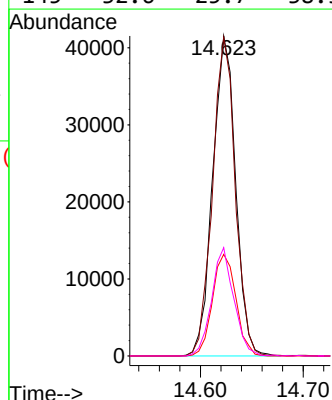
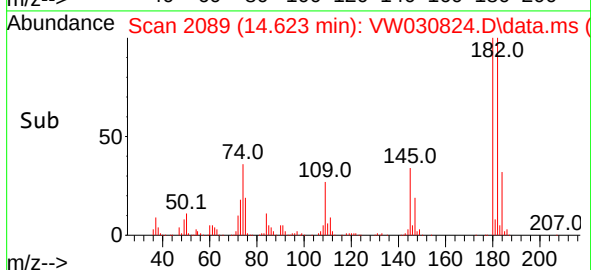
Tgt Ion: 75 Resp: 10448
 Ion Ratio Lower Upper
 75 100
 155 66.7 57.9 86.9
 157 85.1 69.0 103.6

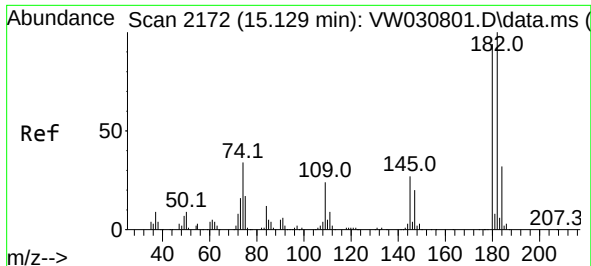


#69
 1,3,5-Trichlorobenzene
 Concen: 11.152 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16



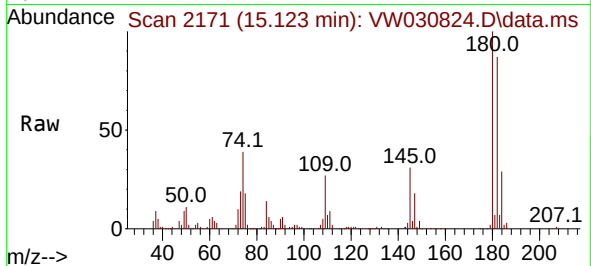
Tgt Ion: 180 Resp: 64341
 Ion Ratio Lower Upper
 180 100
 182 98.6 79.9 119.9
 184 32.5 25.2 37.8
 145 32.6 25.7 38.5



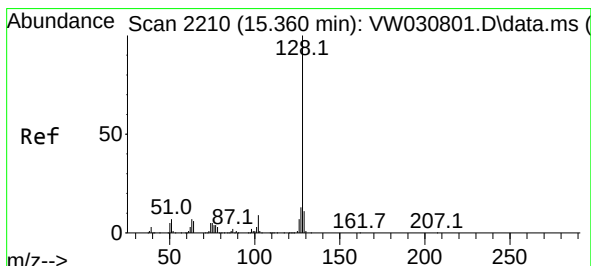
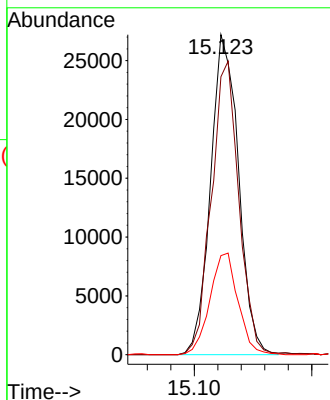
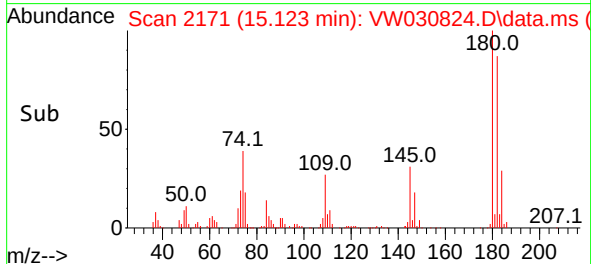


#70
1,2,4-trichlorobenzene
Concen: 9.688 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16

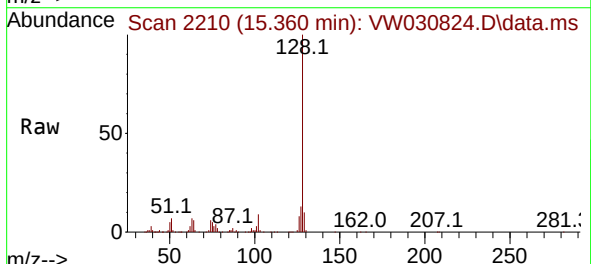
Instrument :
MSVOA_W
ClientSampleId :



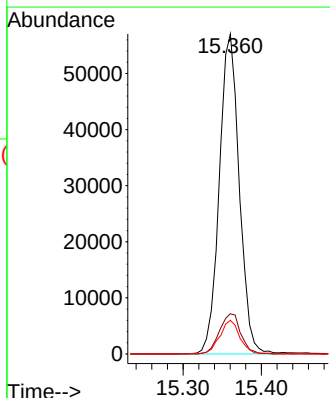
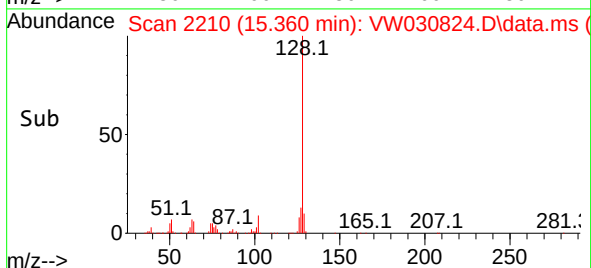
Tgt Ion:180 Resp: 45000
Ion Ratio Lower Upper
180 100
182 89.9 75.2 112.8
145 31.9 25.4 38.2

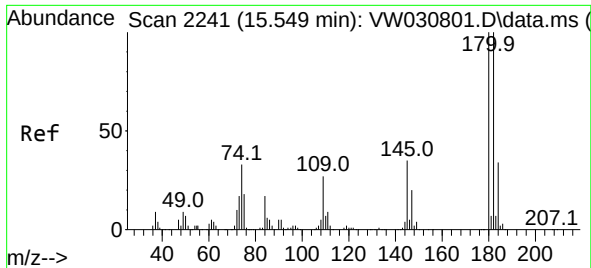


#71
Naphthalene
Concen: 12.598 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030824.D
Acq: 29 Oct 2024 23:16



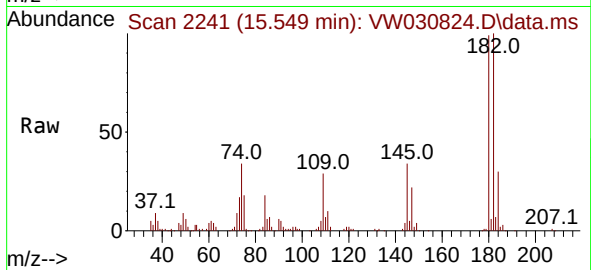
Tgt Ion:128 Resp: 101092
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 9.183 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030824.D
 Acq: 29 Oct 2024 23:16

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	36975
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.4
145	33.0	27.4	41.2

