

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050824\
 Data File : VW028594.D
 Acq On : 08 May 2024 10:13
 Operator : SY/MD
 Sample : P2409-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 01:01:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127393	22.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	2.905	69	98649	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.027	65	53933	23.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.081	46	55866	38.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.540%
24) Chloroform-d	7.654	84	224525	24.386	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.307	65	126790	24.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	443642	24.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	9.276	67	135185	25.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.325	98	396281	24.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	10.575	79	50593	23.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.922	63	37424	40.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99908	22.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	117740	24.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.064	85	316	0.074	ug/L	94
3) Chloromethane	2.223	50	6520	1.229	ug/L	88
5) Vinyl chloride	2.290	62	80	0.013	ug/L	96
6) Bromomethane	2.789	94	4318	1.250	ug/L	90
8) Chloroethane	2.936	64	4337	1.273	ug/L	91
9) Trichlorofluoromethane	3.338	101	157	0.032	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	3146	0.696	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	5867	1.447	ug/L #	1
13) Acetone	4.125	43	1720	1.295	ug/L	89
14) Carbon disulfide	4.393	76	15688	1.145	ug/L #	94
15) Methyl Acetate	4.832	43	192	0.083	ug/L	96
16) Methylene chloride	4.923	84	7357	1.614	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	4976	1.179	ug/L	84
18) Methyl tert-butyl Ether	5.417	73	2987	0.479	ug/L #	95
19) 1,1-Dichloroethane	6.222	63	9754	1.165	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	5362	1.214	ug/L	89
22) 2-Butanone	7.173	43	1879	1.102	ug/L	90
23) Bromochloromethane	7.520	128	2524	1.310	ug/L #	84
25) Chloroform	7.679	83	10774	1.331	ug/L	91

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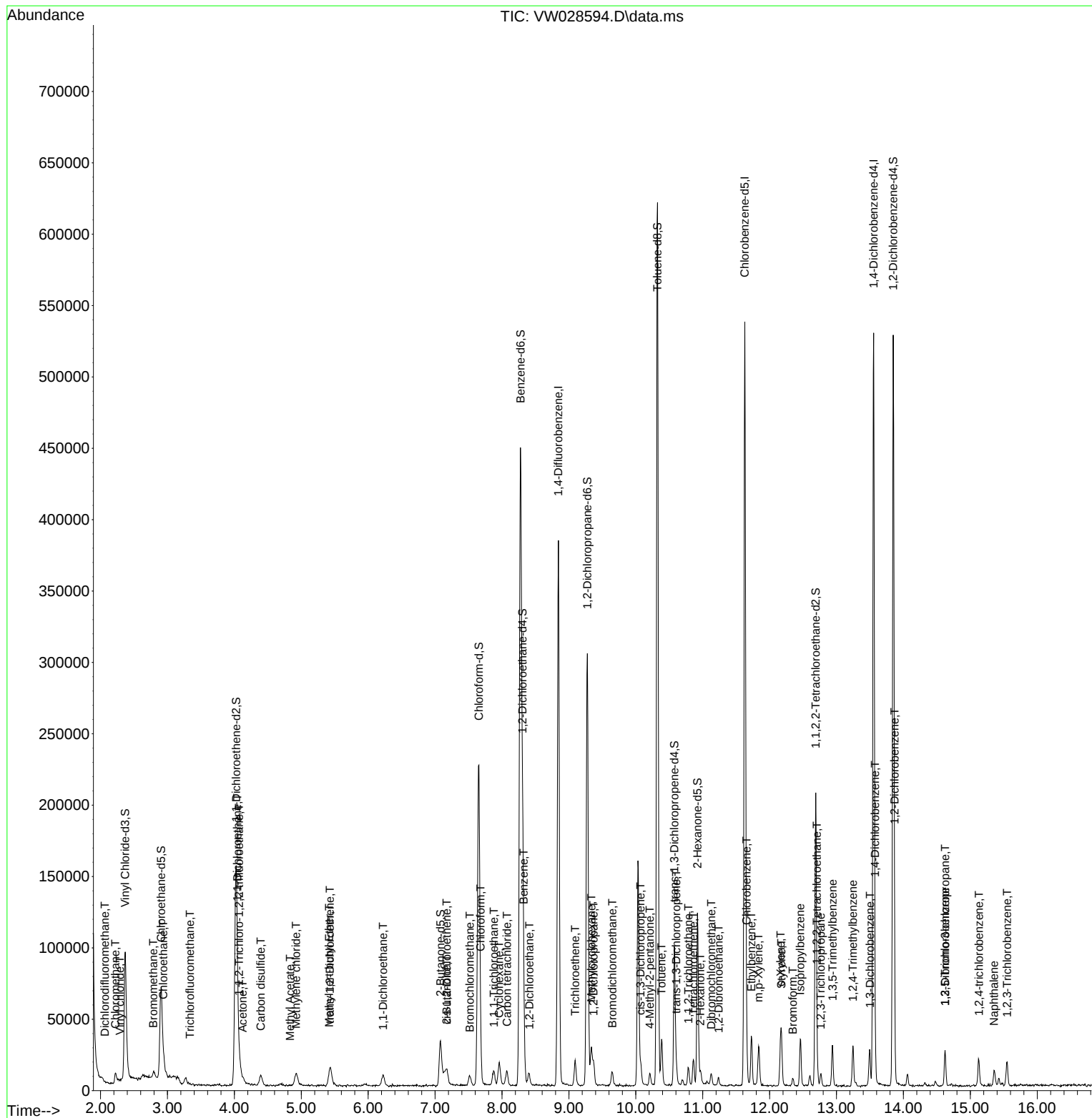
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.410	62	7549	1.282	ug/L	100
29) Cyclohexane	7.959	56	7247	0.945	ug/L	93
30) 1,1,1-Trichloroethane	7.880	97	7844	1.164	ug/L	97
31) Carbon tetrachloride	8.075	117	7107	1.156	ug/L	98
33) Benzene	8.325	78	21805	1.250	ug/L	100
34) Trichloroethene	9.093	95	5503	1.177	ug/L	91
35) Methylcyclohexane	9.337	83	9023	1.104	ug/L	98
37) 1,2-Dichloropropane	9.368	63	5668	1.247	ug/L #	90
38) Bromodichloromethane	9.648	83	6893	1.244	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	7725	1.186	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	6173	1.995	ug/L	99
42) Toluene	10.386	91	21502	1.193	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	6055	1.102	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	3893	1.182	ug/L	94
46) Tetrachloroethene	10.861	164	3711	1.101	ug/L	87
48) 2-Hexanone	10.965	43	4897	2.242	ug/L	97
49) Dibromochloromethane	11.129	129	3980	1.205	ug/L	86
50) 1,2-Dibromoethane	11.239	107	3525	1.143	ug/L #	96
51) Chlorobenzene	11.654	112	13442	1.206	ug/L	97
52) Ethylbenzene	11.727	91	22749	1.116	ug/L	96
53) m,p-Xylene	11.837	106	7985	1.068	ug/L	86
54) o-Xylene	12.166	106	7467	1.080	ug/L	81
55) Styrene	12.178	104	12017	1.026	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	5204	1.260	ug/L #	88
59) Bromoform	12.349	173	2208	1.219	ug/L #	95
60) Isopropylbenzene	12.459	105	19978	1.061	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3254	1.085	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.940	105	13709	1.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	13956	0.972	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	9253	1.181	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	10368	1.295	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	9494	1.354	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.623	75	1608	2.293	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.623	180	6467	1.230	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	5322	1.253	ug/L	95
71) Naphthalene	15.354	128	8935	0.987	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	4760	1.242	ug/L	98

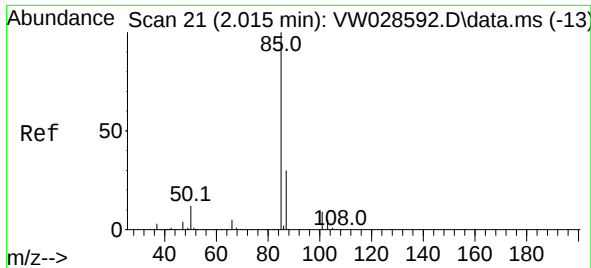
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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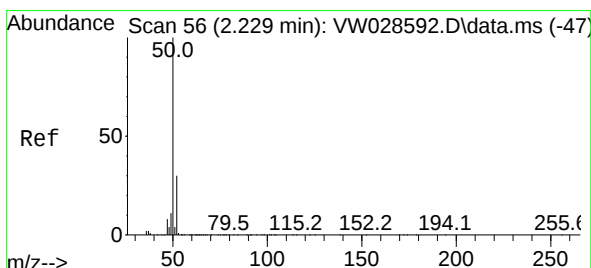
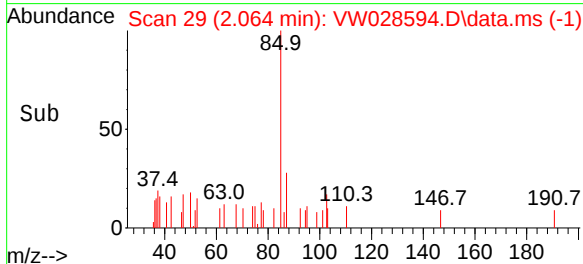
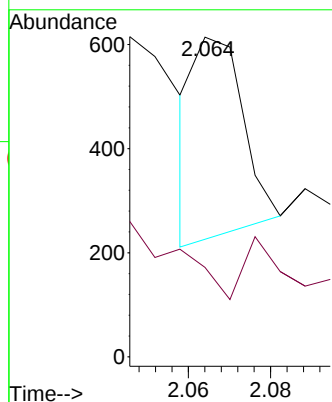
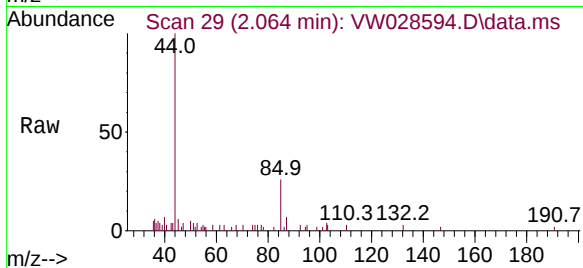




#2
Dichlorodifluoromethane
Concen: 0.074 ug/L
RT: 2.064 min Scan# 20
Delta R.T. 0.049 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

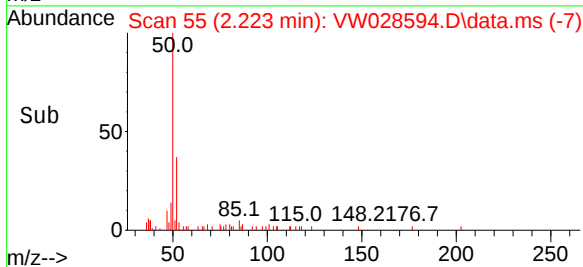
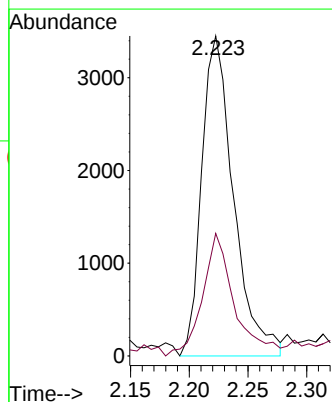
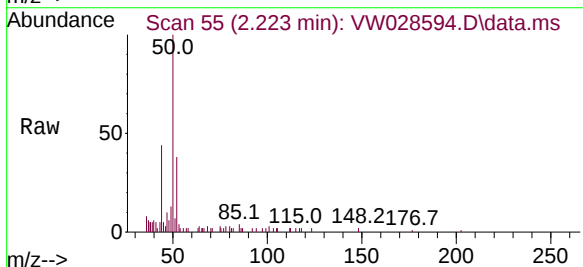
Instrument :
MSVOA_W
ClientSampleId :

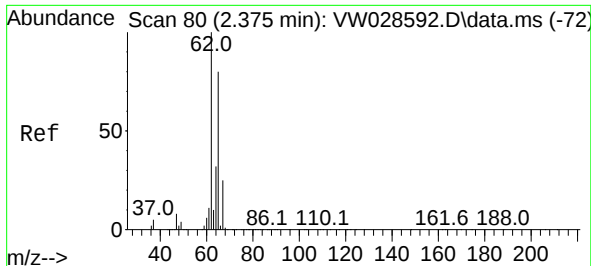
Tgt Ion: 85 Resp: 316
Ion Ratio Lower Upper
85 100
87 24.1 21.9 32.9



#3
Chloromethane
Concen: 1.229 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 50 Resp: 6520
Ion Ratio Lower Upper
50 100
52 38.3 22.0 41.0

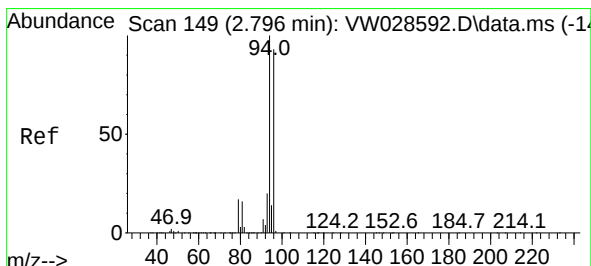
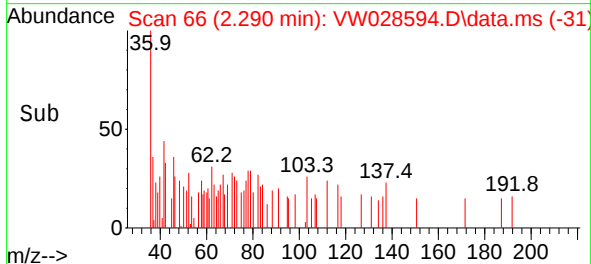
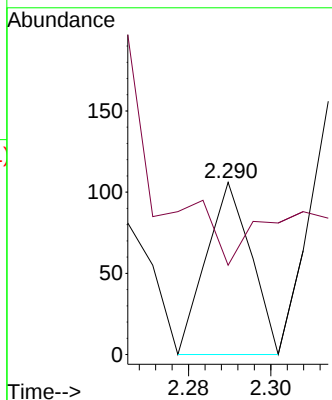
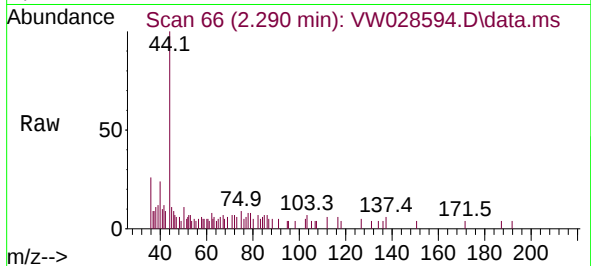




#5
 Vinyl chloride
 Concen: 0.013 ug/L
 RT: 2.290 min Scan# 61
 Delta R.T. -0.085 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

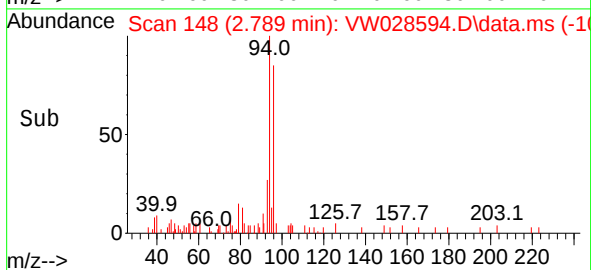
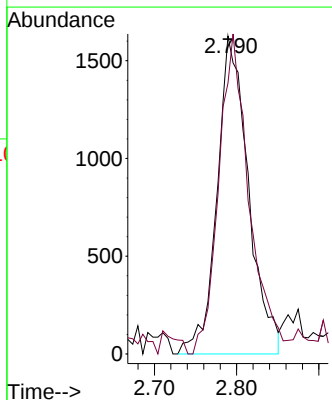
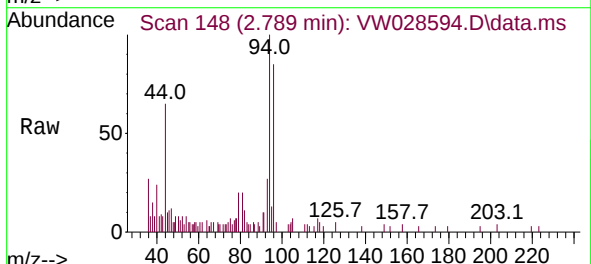
Instrument :
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 ClientSampleId :

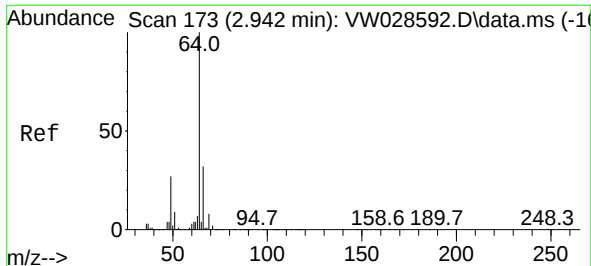
Tgt Ion: 62 Resp: 80
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.3 43.3



#6
 Bromomethane
 Concen: 1.250 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

Tgt Ion: 94 Resp: 4318
 Ion Ratio Lower Upper
 94 100
 96 85.2 66.3 123.1

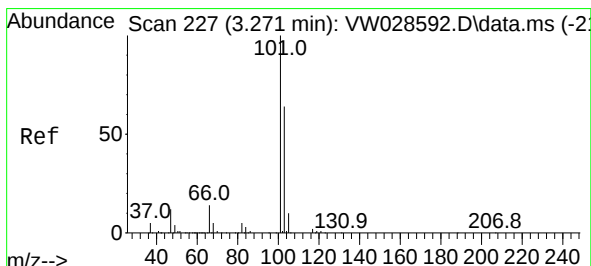
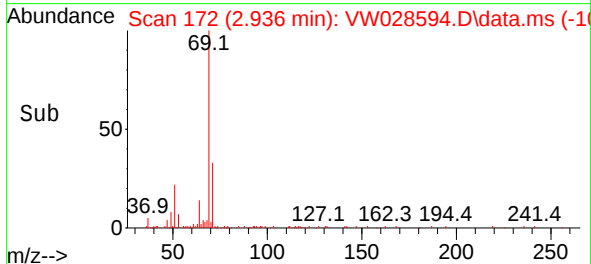
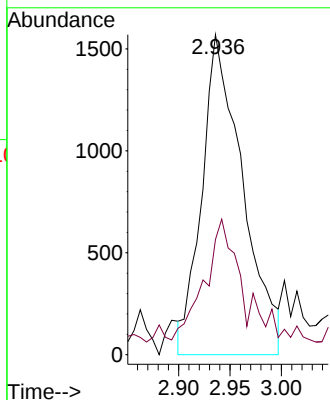
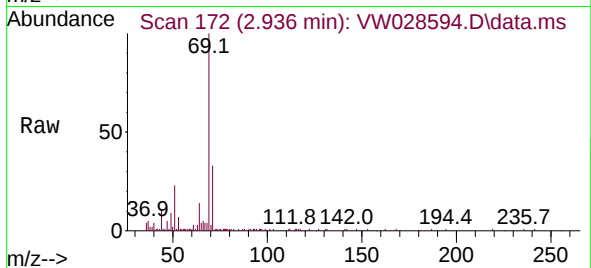




#8
Chloroethane
Concen: 1.273 ug/L
RT: 2.936 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028594.D
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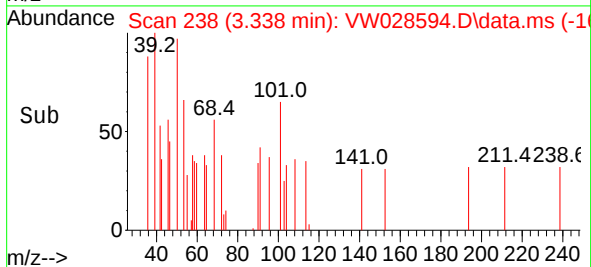
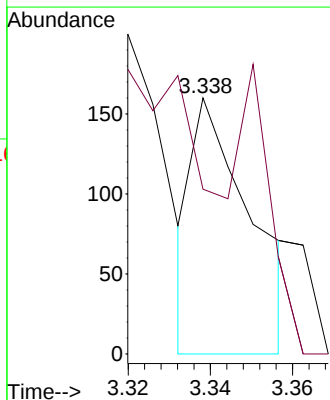
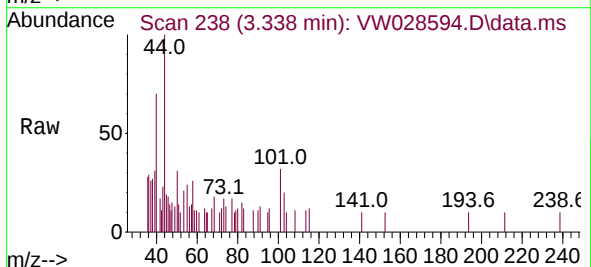
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MSVOA_W
ClientSampleId :

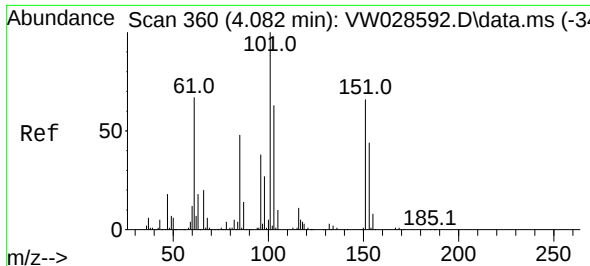
Tgt Ion: 64 Resp: 4337
Ion Ratio Lower Upper
64 100
66 36.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 0.032 ug/L
RT: 3.338 min Scan# 238
Delta R.T. 0.067 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:101 Resp: 157
Ion Ratio Lower Upper
101 100
103 56.7 50.4 75.6





#10

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

Concen: 0.696 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028594.D

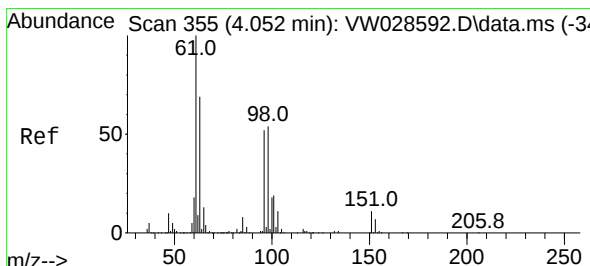
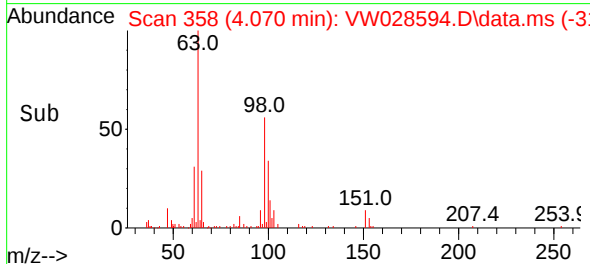
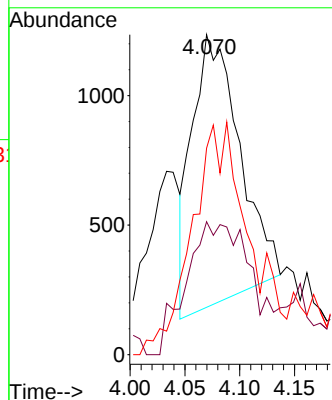
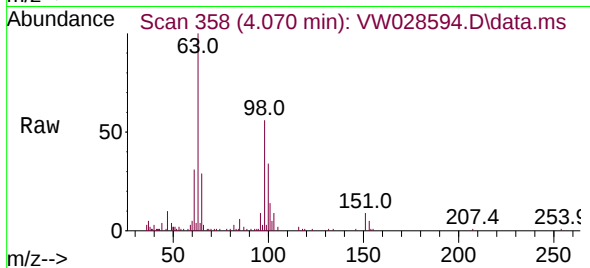
Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:101	Resp:	3146
Ion	Ratio	Lower Upper
101	100	
85	13.9	35.8 53.8#
151	53.6	49.6 74.4



#12

1,1-Dichloroethene

Concen: 1.447 ug/L

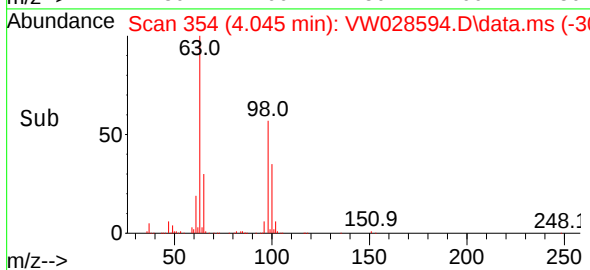
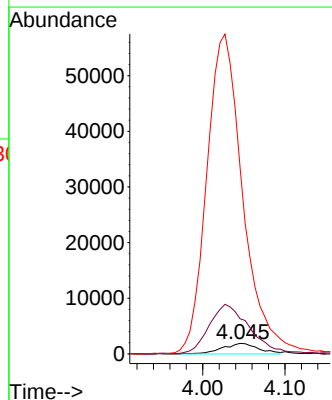
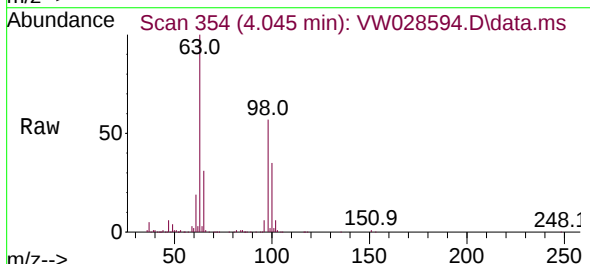
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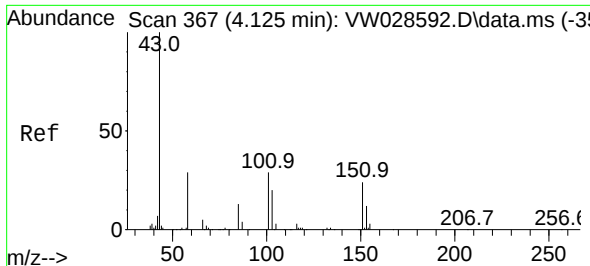
Delta R.T. -0.006 min

Lab File: VW028594.D

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Tgt Ion: 96	Resp:	5867
Ion	Ratio	Lower Upper
96	100	
61	333.0	131.6 244.4#
63	1770.9	111.4 206.8#

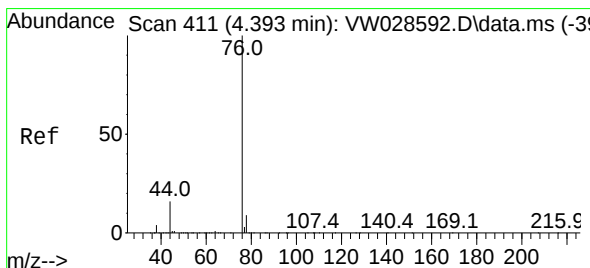
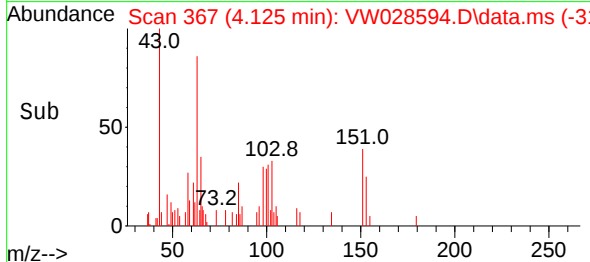
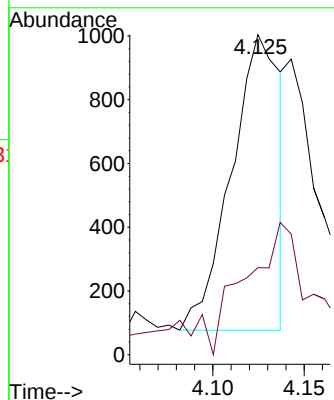
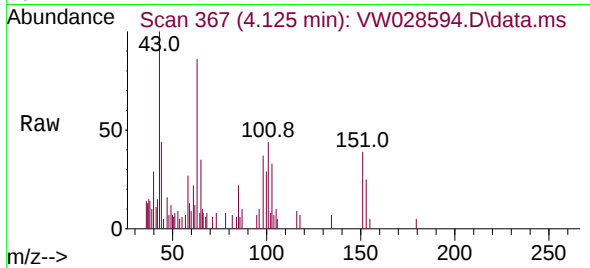




#13
Acetone
Concen: 1.295 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
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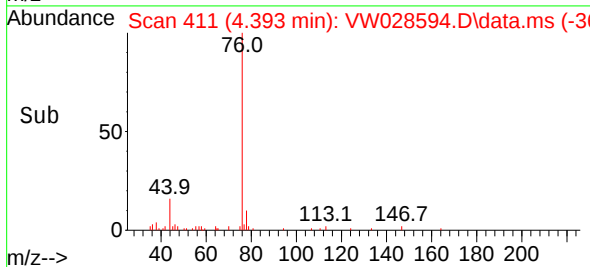
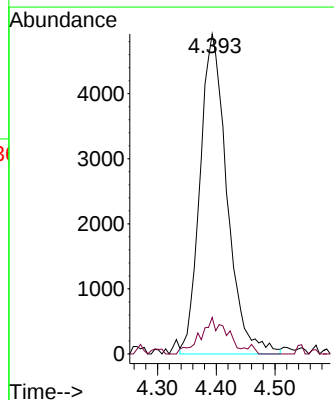
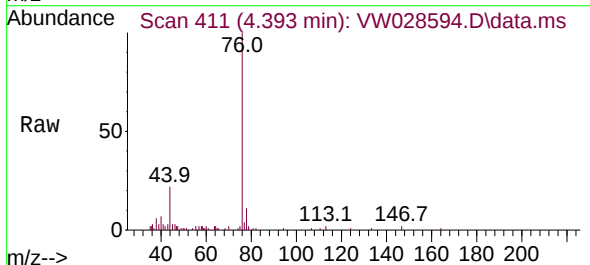
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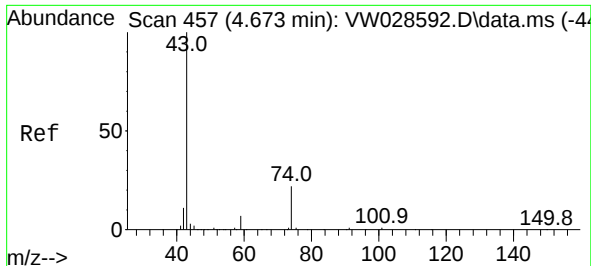
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 33.1 0.0 54.4



#14
Carbon disulfide
Concen: 1.145 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 15688
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#

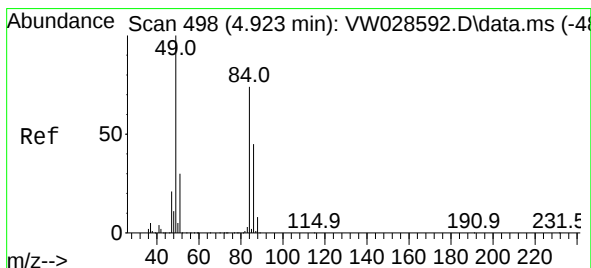
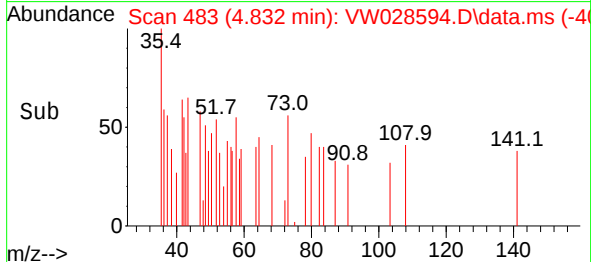
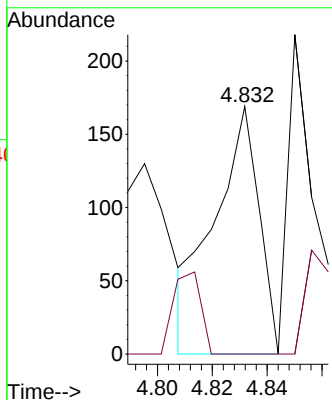
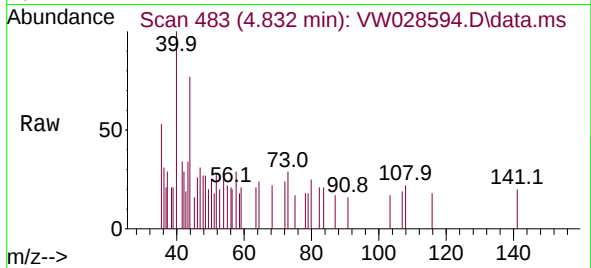




#15
Methyl Acetate
Concen: 0.083 ug/L
RT: 4.832 min Scan# 41
Delta R.T. 0.158 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

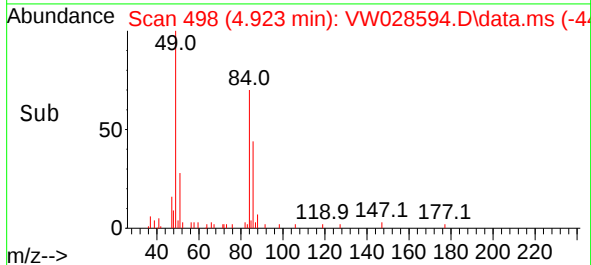
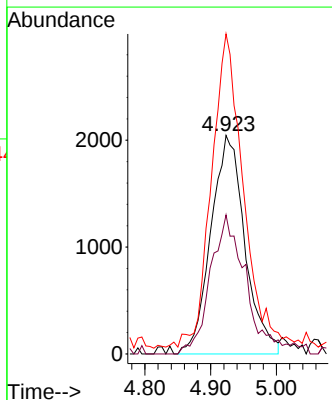
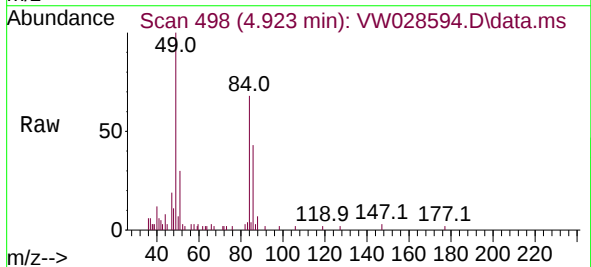
Instrument :
MSVOA_W
ClientSampleId :

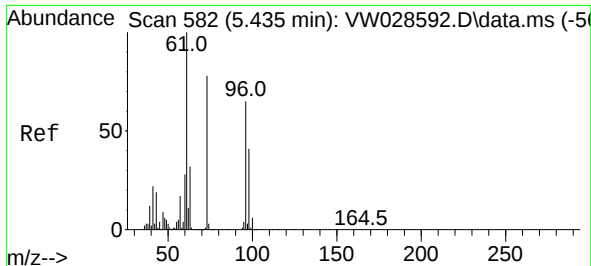
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
74 20.3 17.6 26.4



#16
Methylene chloride
Concen: 1.614 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

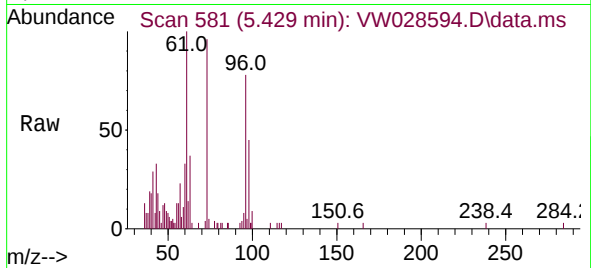
Tgt Ion: 84 Resp: 7357
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.4
49 146.5 100.2 186.2





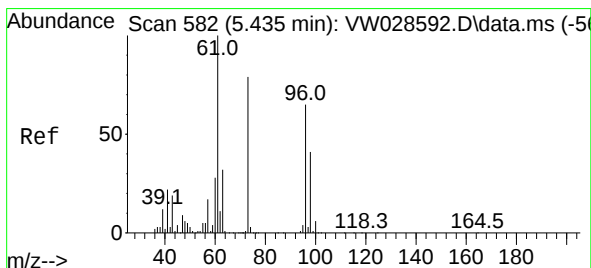
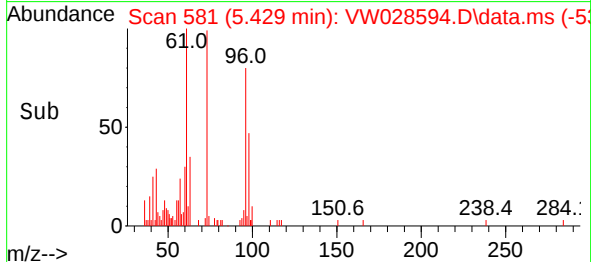
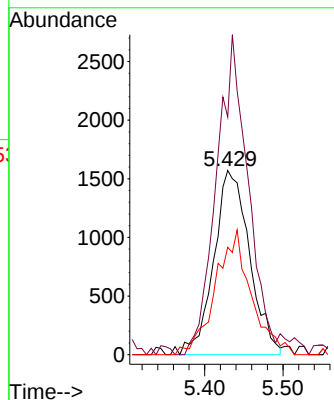
#17
trans-1,2-Dichloroethene
Concen: 1.179 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 4976

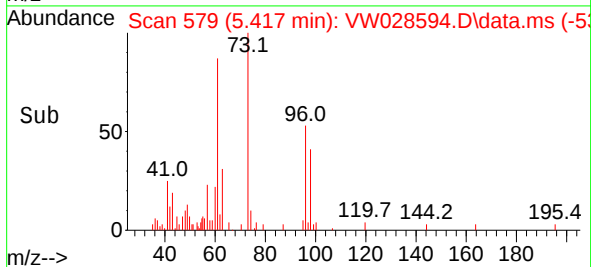
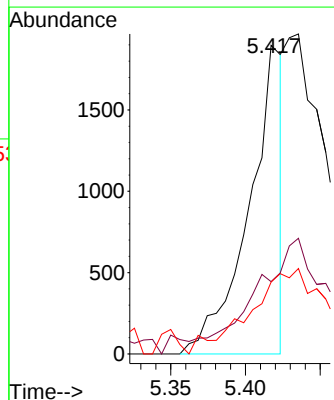
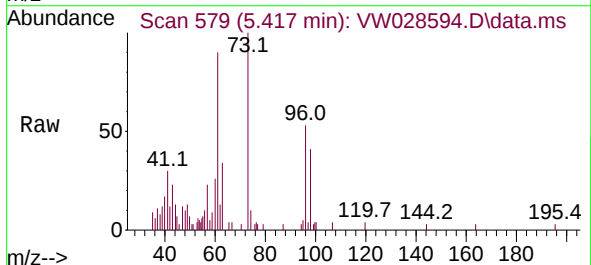
Ion	Ratio	Lower	Upper
96	100		
61	129.0	109.0	202.4
98	58.3	44.2	82.0

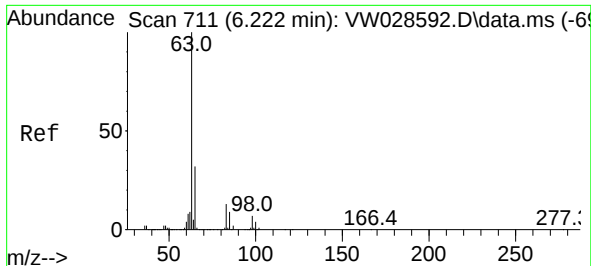


#18
Methyl tert-butyl Ether
Concen: 0.479 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.018 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 73 Resp: 2987

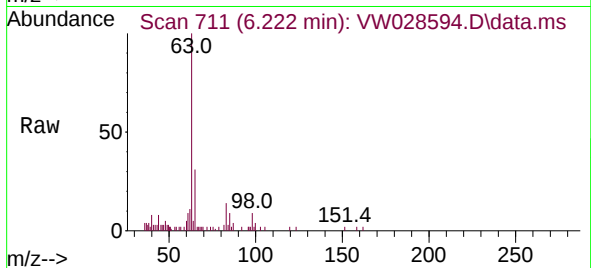
Ion	Ratio	Lower	Upper
73	100		
43	18.9	19.2	28.8#
57	23.0	18.5	27.7



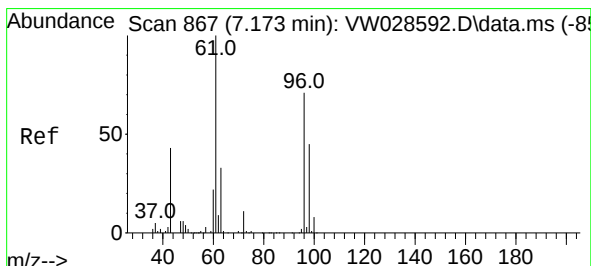
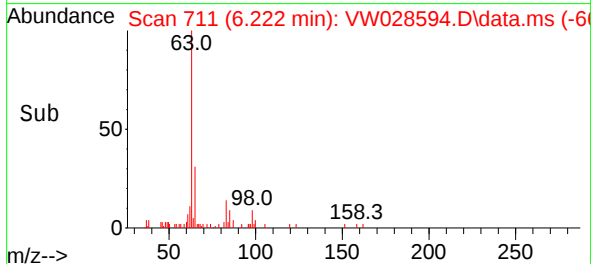
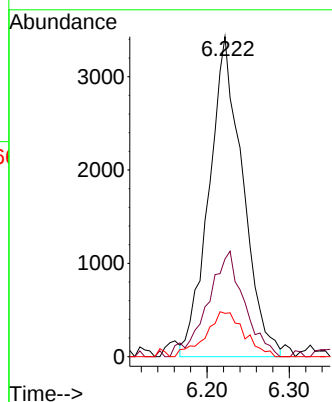


#19
1,1-Dichloroethane
Concen: 1.165 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :

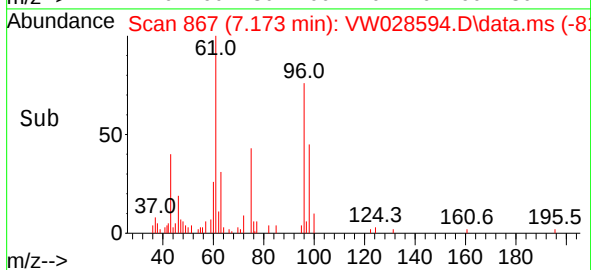
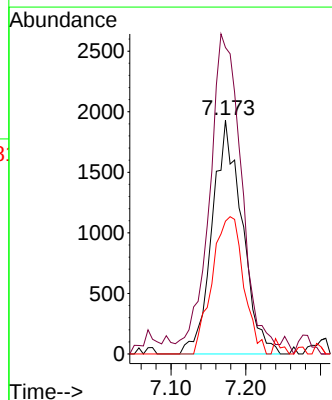
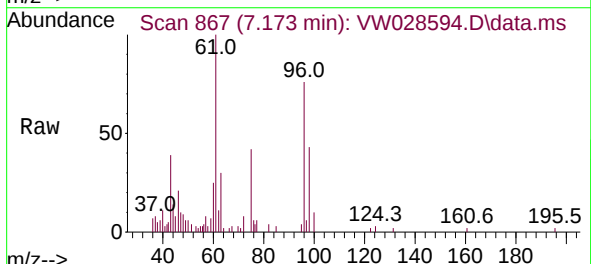


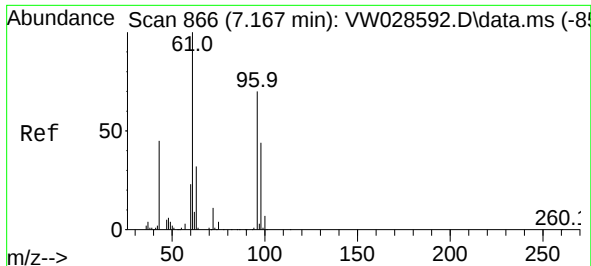
Tgt Ion: 63 Resp: 9754
Ion Ratio Lower Upper
63 100
65 30.5 22.9 42.5
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 1.214 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 96 Resp: 5362
Ion Ratio Lower Upper
96 100
61 131.1 102.8 191.0
98 56.8 44.3 82.3





#22

2-Butanone

Concen: 1.102 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

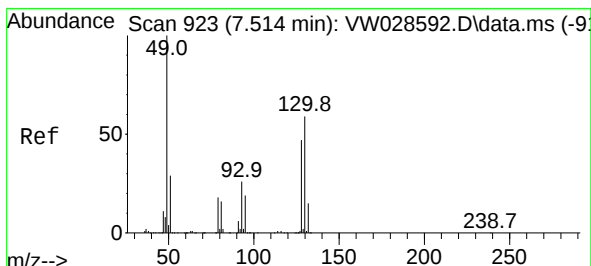
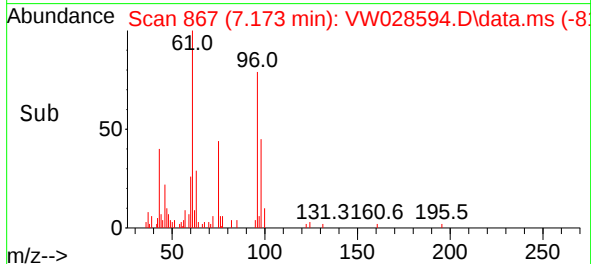
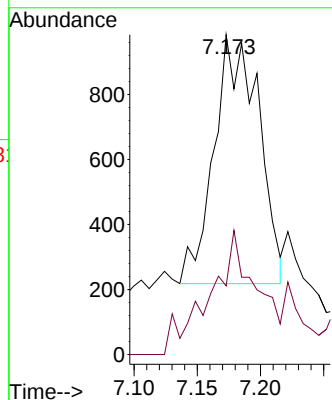
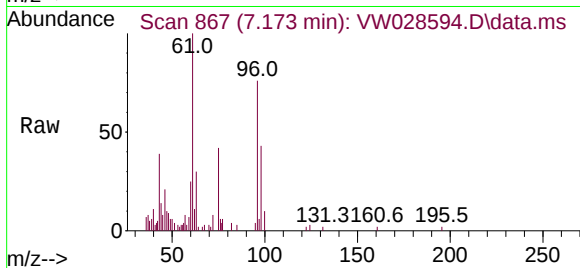
ClientSampleId :

Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

43 100

72 29.4 12.2 36.6



#23

Bromochloromethane

Concen: 1.310 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion: 128 Resp: 2524

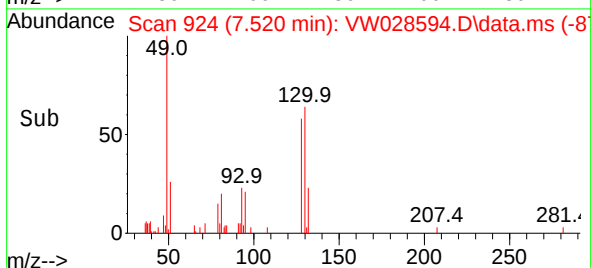
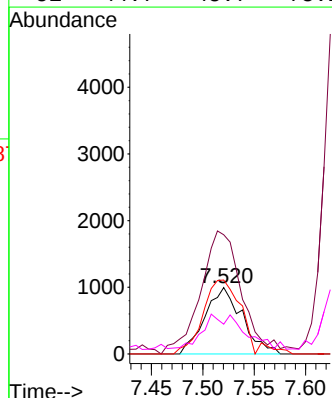
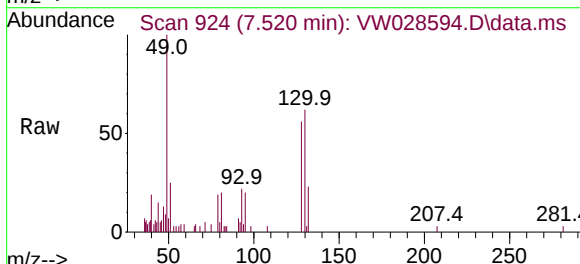
Ion Ratio Lower Upper

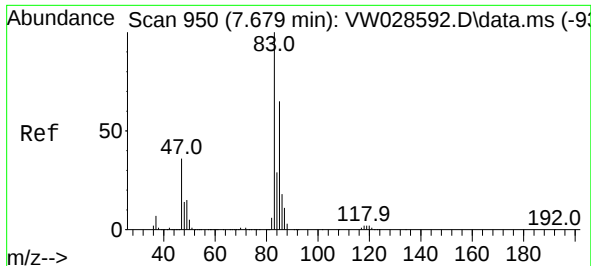
128 100

49 179.2 139.6 259.2

130 111.3 91.2 169.4

51 44.7 48.7 73.1#





#25

Chloroform

Concen: 1.331 ug/L

RT: 7.679 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

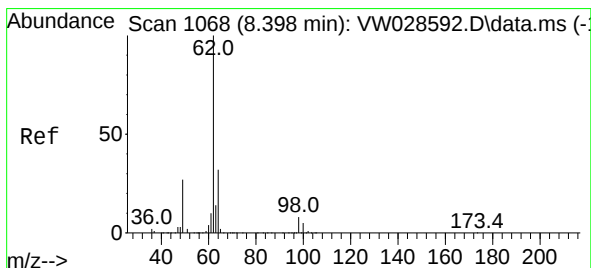
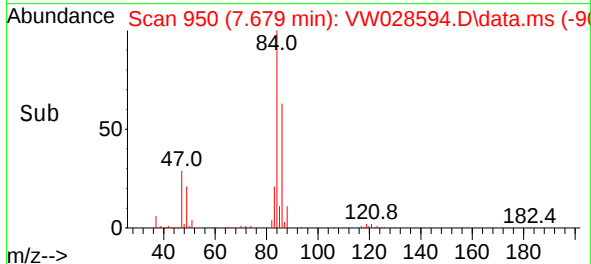
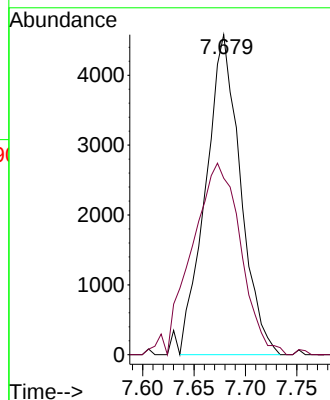
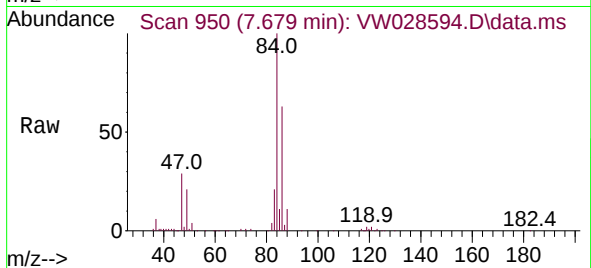
ClientSampleId :

Tgt Ion: 83 Resp: 10774

Ion Ratio Lower Upper

83 100

85 55.1 43.4 80.6



#27

1,2-Dichloroethane

Concen: 1.282 ug/L

RT: 8.410 min Scan# 1070

Delta R.T. 0.012 min

Lab File: VW028594.D

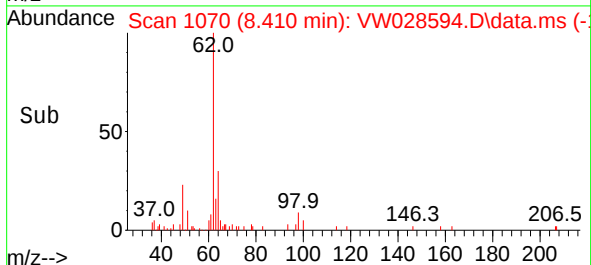
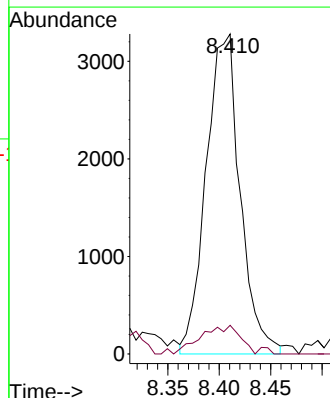
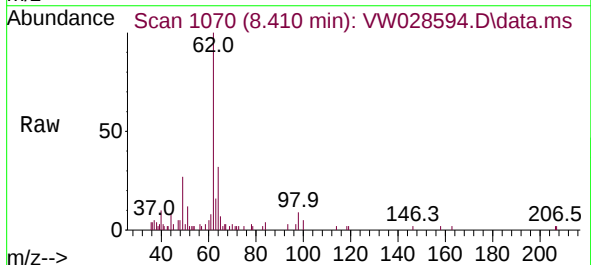
Acq: 08 May 2024 10:13

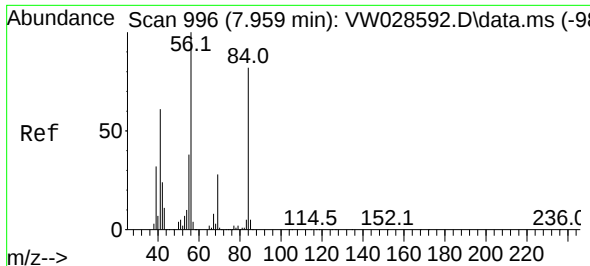
Tgt Ion: 62 Resp: 7549

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

Cyclohexane

Concen: 0.945 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

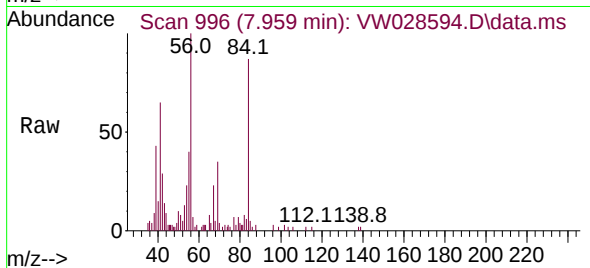
Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



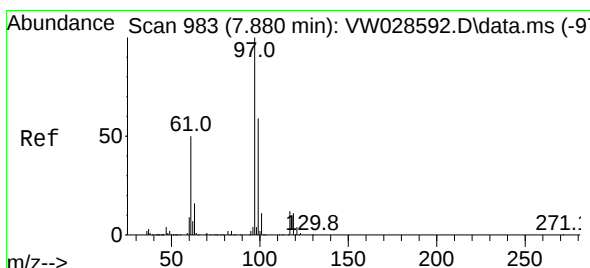
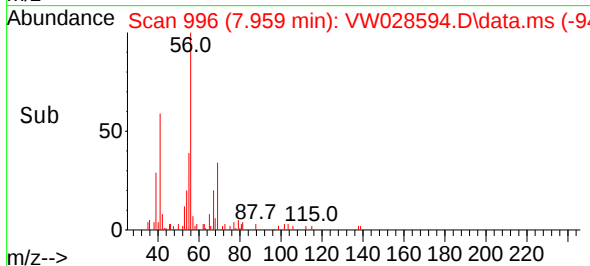
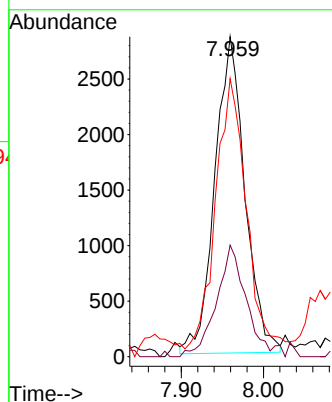
Tgt Ion: 56 Resp: 7247

Ion Ratio Lower Upper

56 100

69 33.7 23.4 35.0

84 87.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 1.164 ug/L

RT: 7.880 min Scan# 983

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

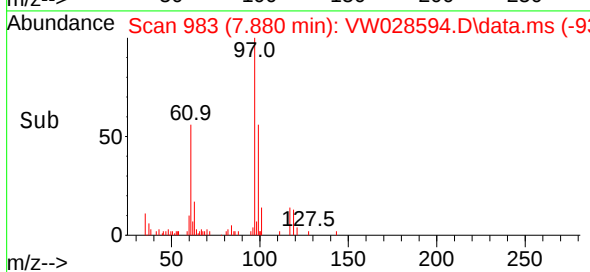
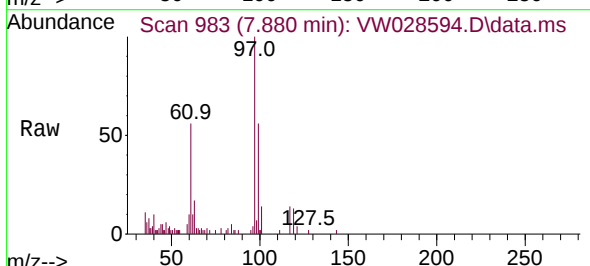
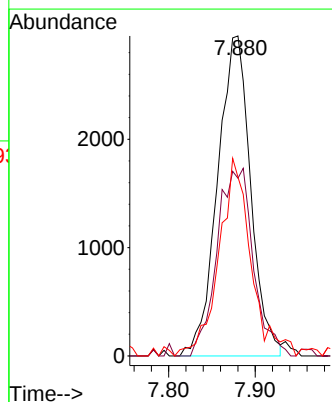
Tgt Ion: 97 Resp: 7844

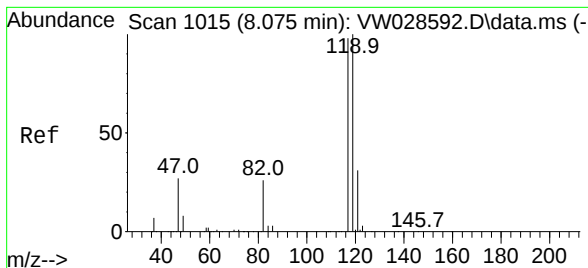
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 55.7 41.0 61.6

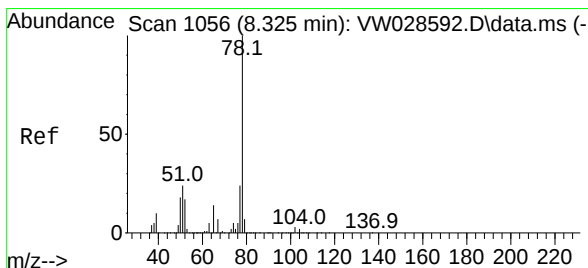
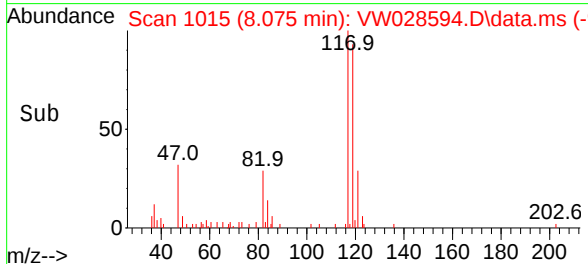
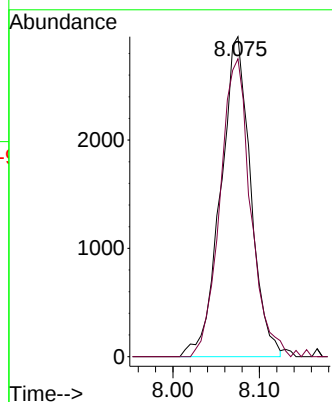
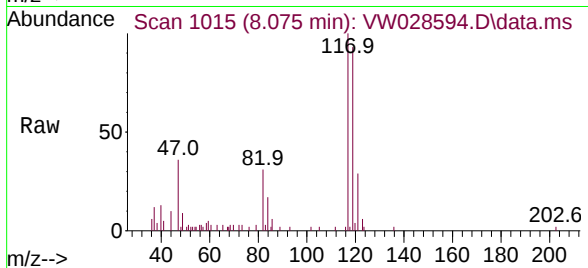




#31
Carbon tetrachloride
Concen: 1.156 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

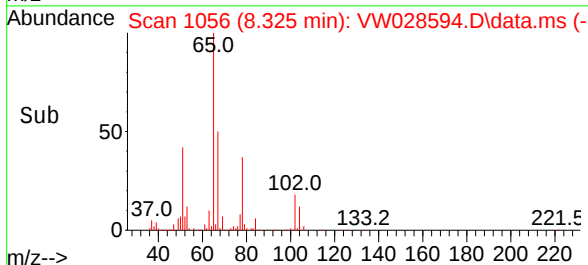
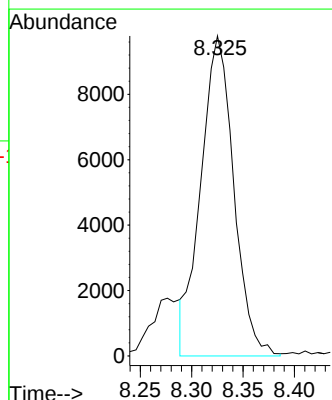
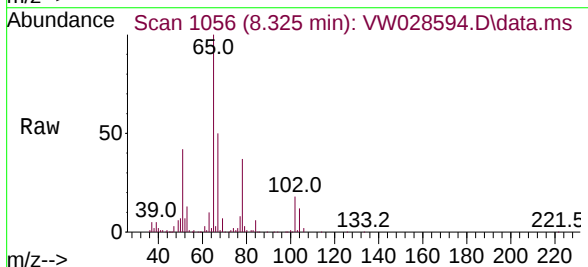
Instrument :
MSVOA_W
ClientSampleId :

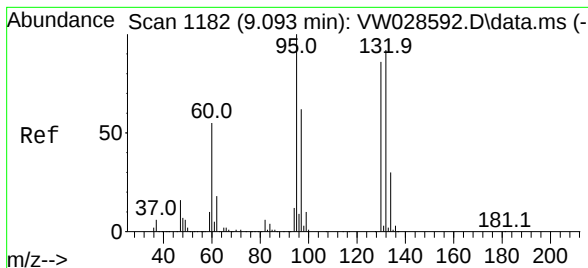
Tgt Ion:117 Resp: 7107
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8



#33
Benzene
Concen: 1.250 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 78 Resp: 21805





#34

Trichloroethene

Concen: 1.177 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

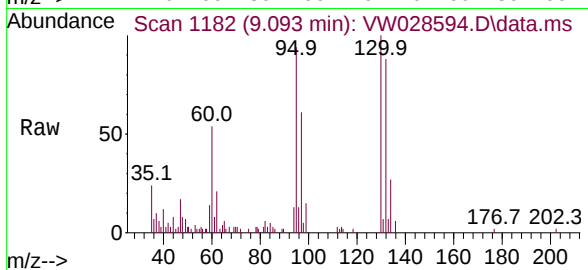
Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 5503

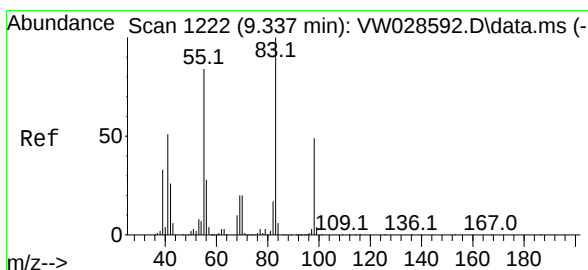
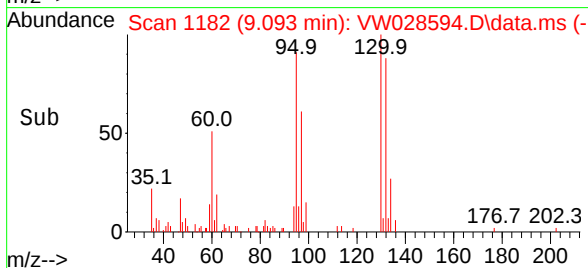
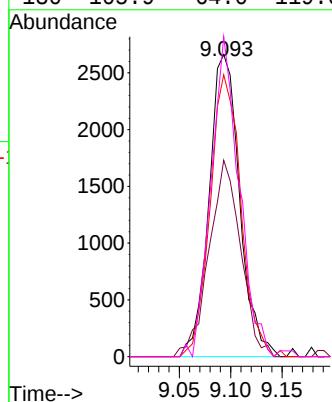
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.3

132 93.3 59.7 110.9

130 105.9 64.0 119.0



#35

Methylcyclohexane

Concen: 1.104 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

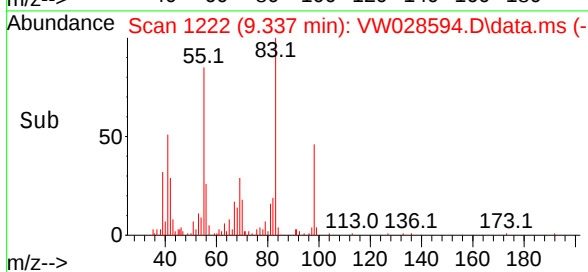
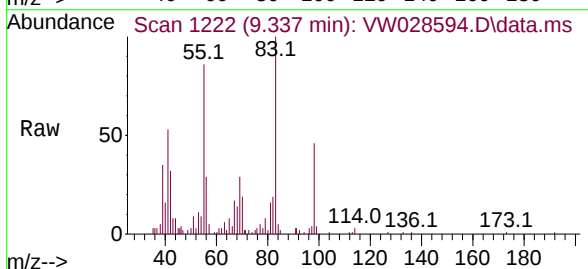
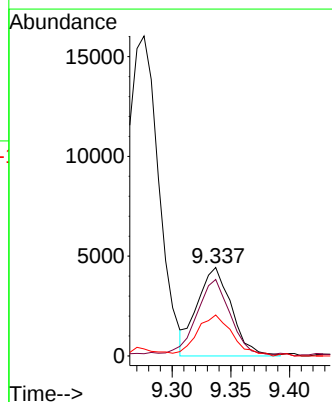
Tgt Ion: 83 Resp: 9023

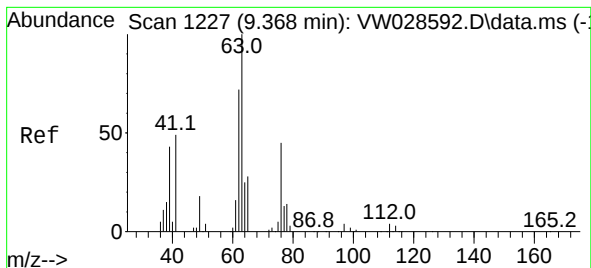
Ion Ratio Lower Upper

83 100

55 85.8 66.9 100.3

98 47.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 1.247 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

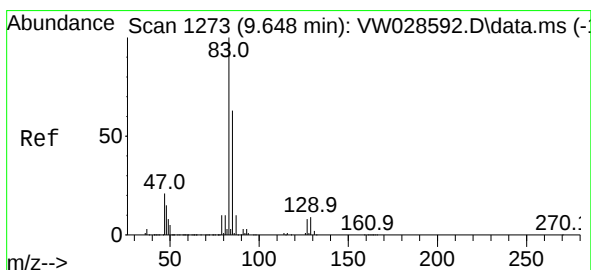
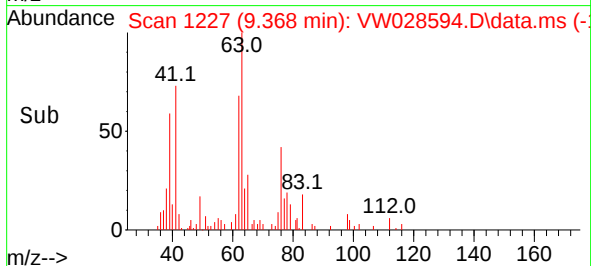
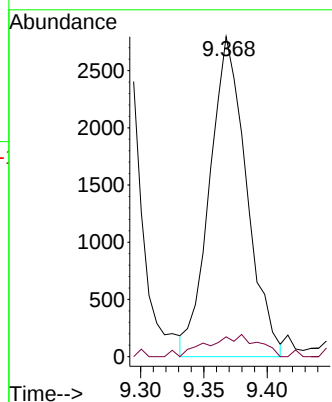
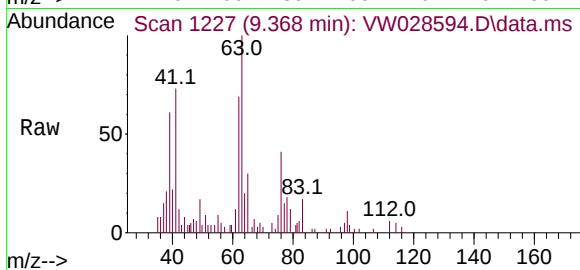
ClientSampleId :

Tgt Ion: 63 Resp: 5668

Ion Ratio Lower Upper

63 100

112 1.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 1.244 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

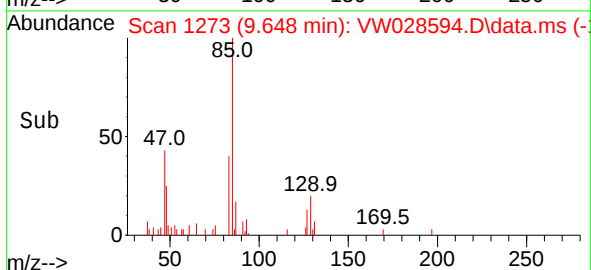
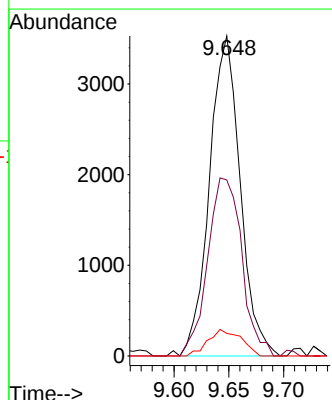
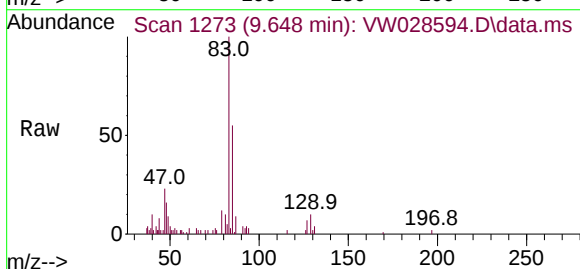
Tgt Ion: 83 Resp: 6893

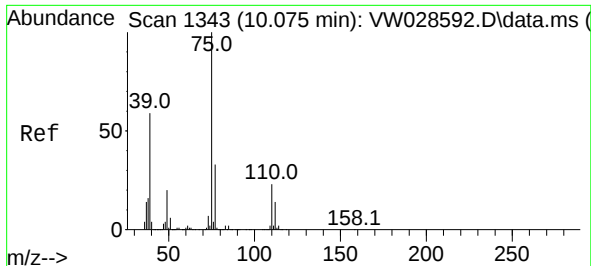
Ion Ratio Lower Upper

83 100

85 55.0 43.0 80.0

127 7.1 5.9 8.9

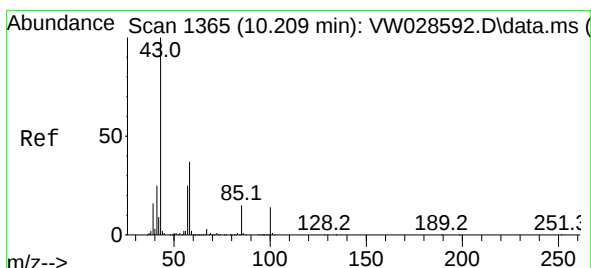
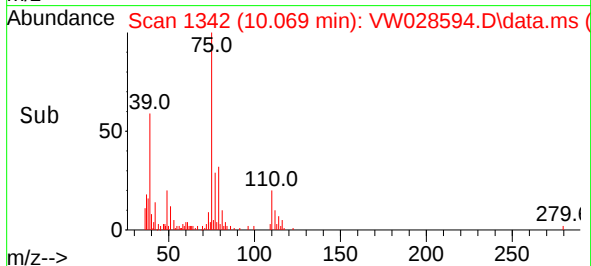
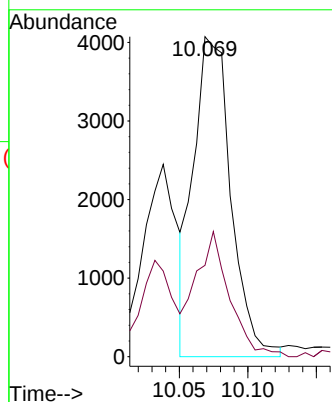
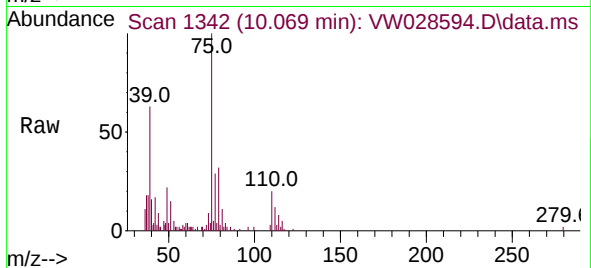




#39
cis-1,3-Dichloropropene
Concen: 1.186 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

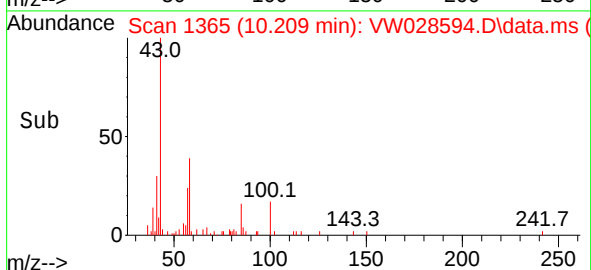
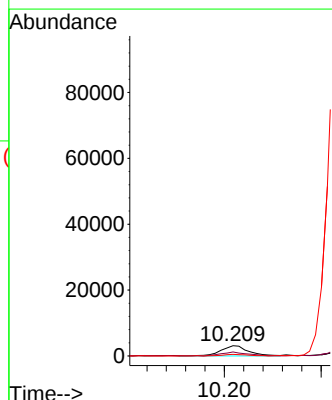
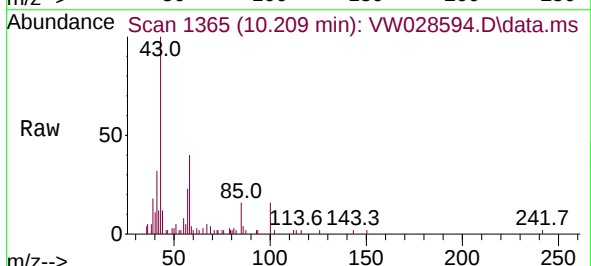
Instrument :
MSVOA_W
ClientSampleId :

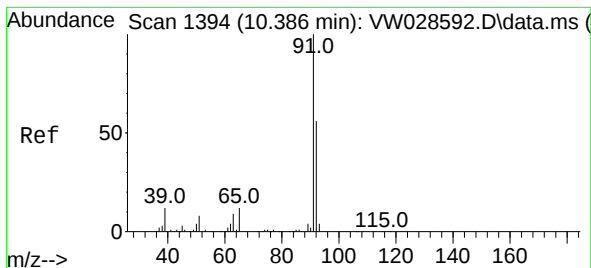
Tgt Ion: 75 Resp: 7725
Ion Ratio Lower Upper
75 100
77 28.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 1.995 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion: 43 Resp: 6173
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
100 14.2 11.0 16.4





#42

Toluene

Concen: 1.193 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

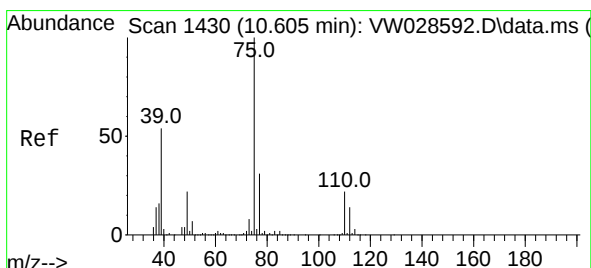
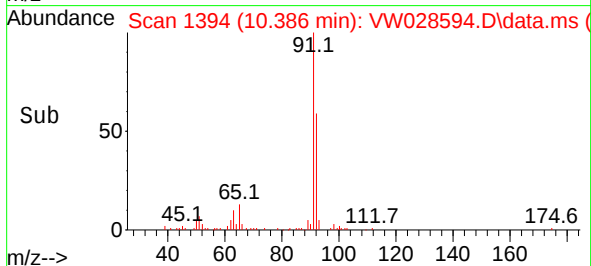
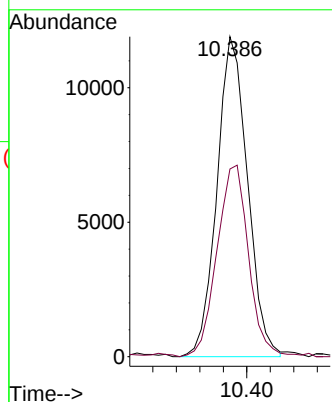
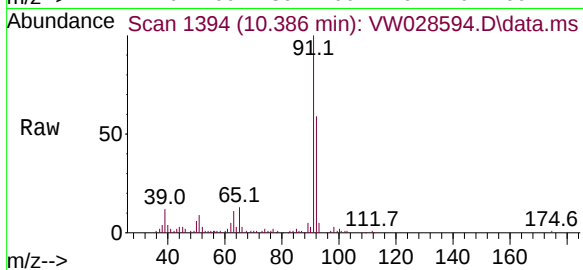
ClientSampleId :

Tgt Ion: 91 Resp: 21502

Ion Ratio Lower Upper

91 100

92 58.6 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 1.102 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028594.D

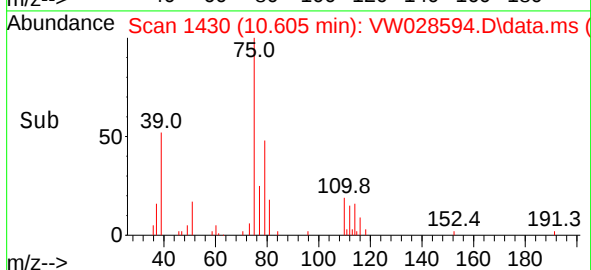
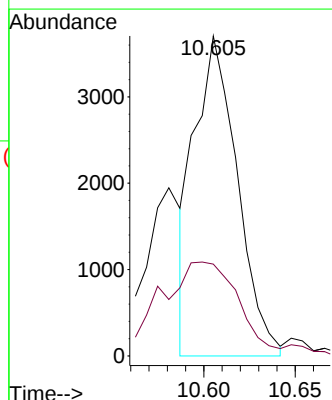
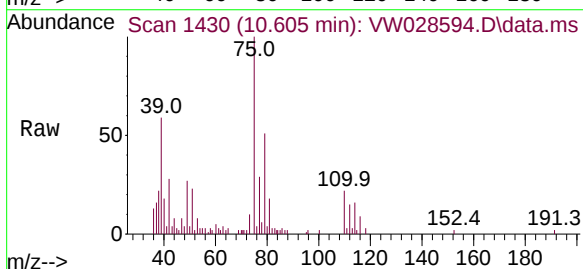
Acq: 08 May 2024 10:13

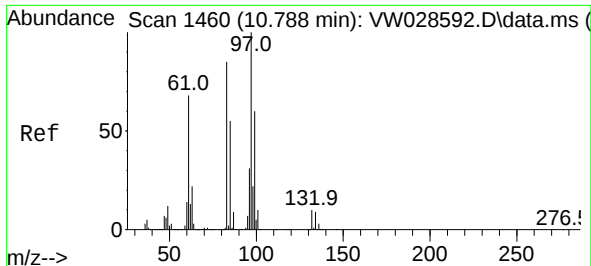
Tgt Ion: 75 Resp: 6055

Ion Ratio Lower Upper

75 100

77 28.7 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 1.182 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

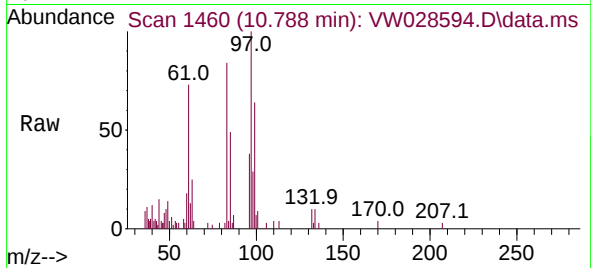
Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 3893

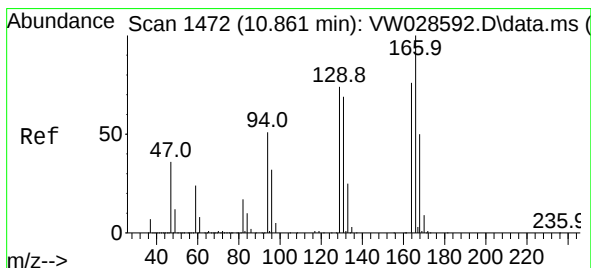
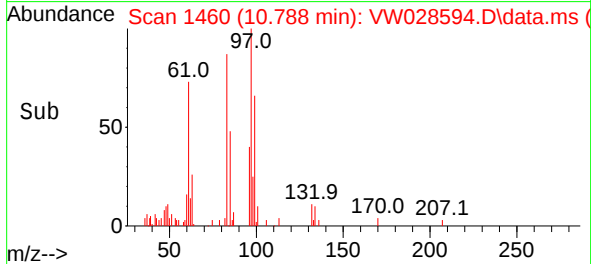
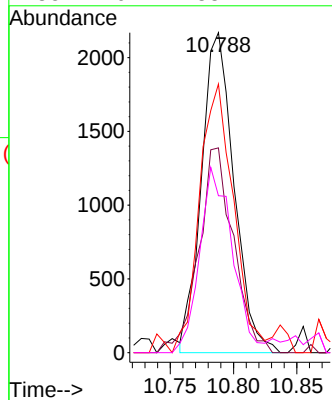
Ion Ratio Lower Upper

97 100

99 64.0 41.9 77.9

83 84.0 62.1 115.3

85 49.1 38.4 71.4



#46

Tetrachloroethene

Concen: 1.101 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:164 Resp: 3711

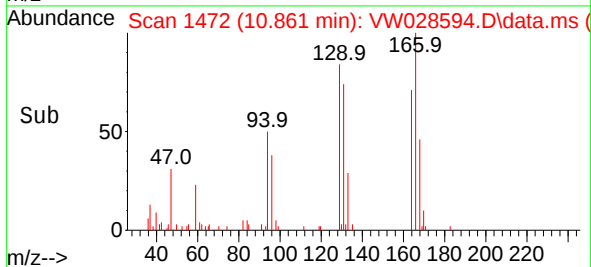
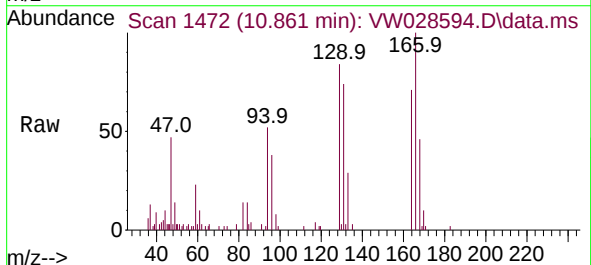
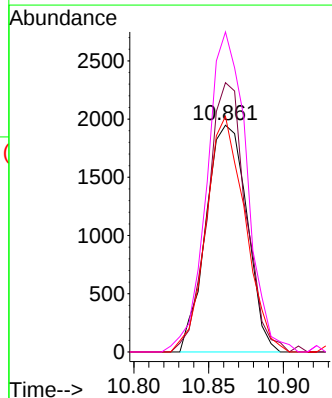
Ion Ratio Lower Upper

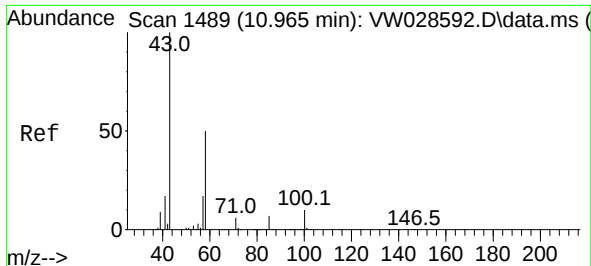
164 100

129 118.8 69.2 128.6

131 104.0 67.7 125.7

166 141.1 89.7 166.7





#48

2-Hexanone

Concen: 2.242 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 4897

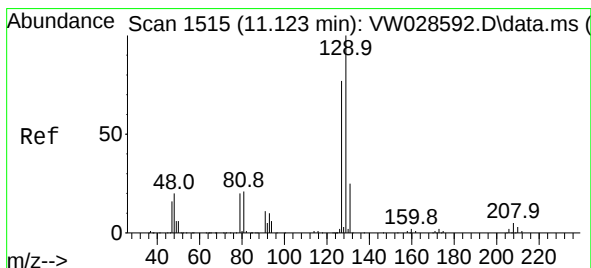
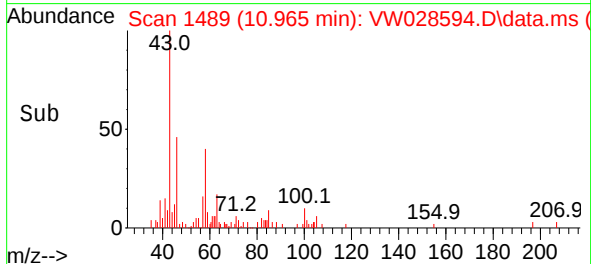
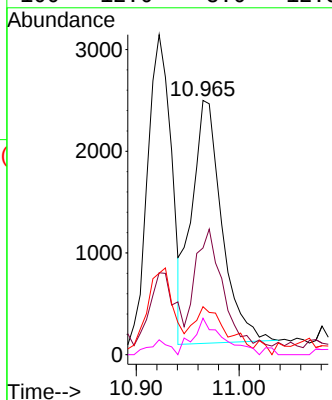
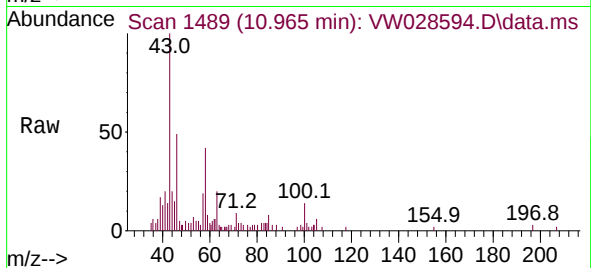
Ion Ratio Lower Upper

43 100

58 49.5 41.0 61.4

57 16.4 14.8 22.2

100 12.6 8.6 12.8



#49

Dibromochloromethane

Concen: 1.205 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028594.D

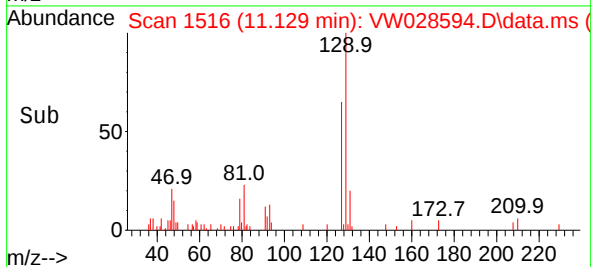
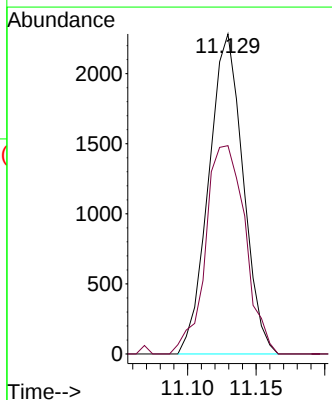
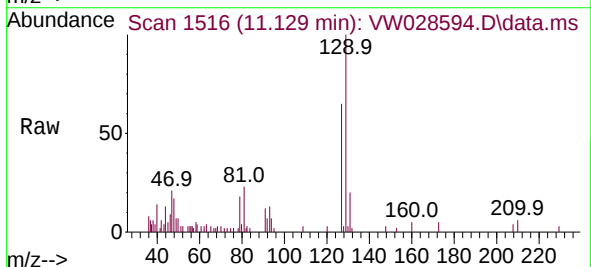
Acq: 08 May 2024 10:13

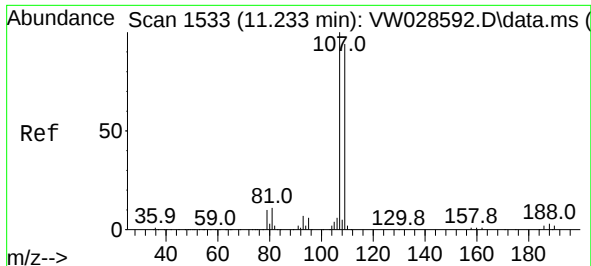
Tgt Ion:129 Resp: 3980

Ion Ratio Lower Upper

129 100

127 65.1 54.3 100.8





#50

1,2-Dibromoethane

Concen: 1.143 ug/L

RT: 11.239 min Scan# 1533

Delta R.T. 0.006 min

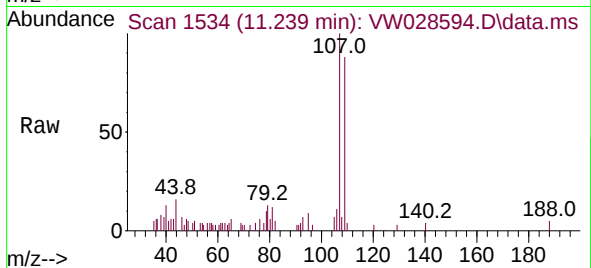
Lab File: VW028594.D

Acq: 08 May 2024 10:13

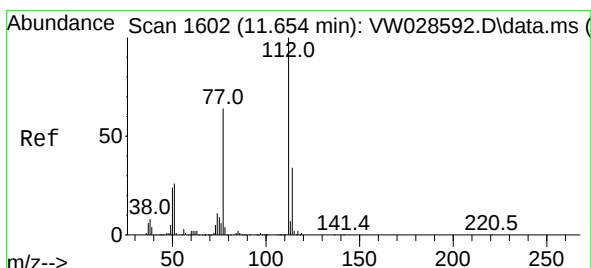
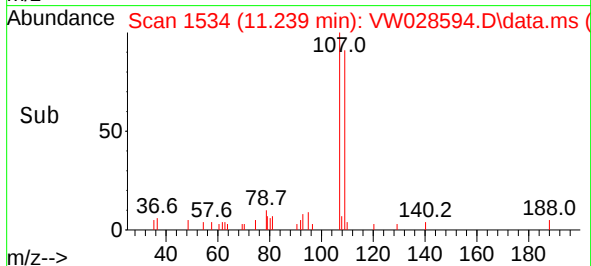
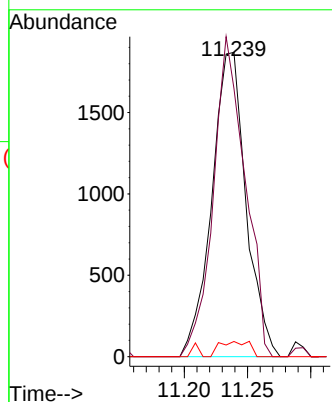
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	3525
Ion Ratio	Lower	Upper	
107	100		
109	88.1	64.2	119.2
188	5.0	3.1	4.7#



#51

Chlorobenzene

Concen: 1.206 ug/L

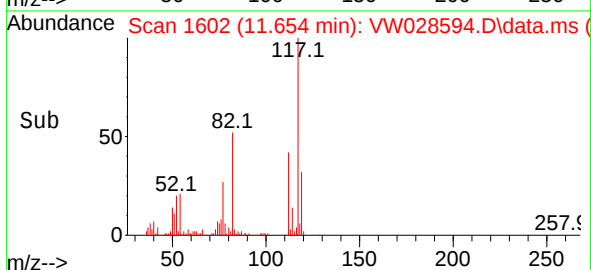
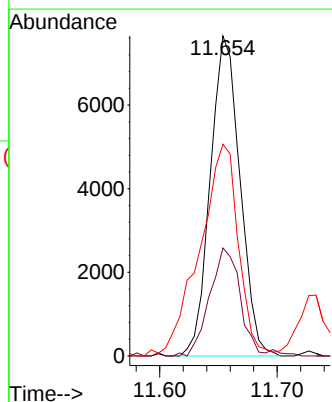
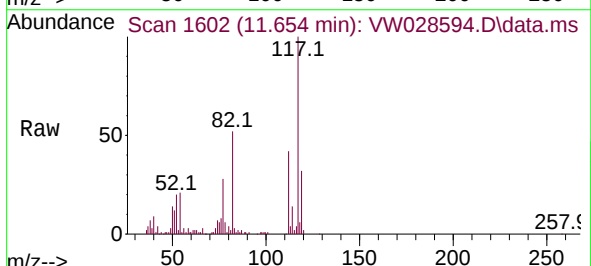
RT: 11.654 min Scan# 1602

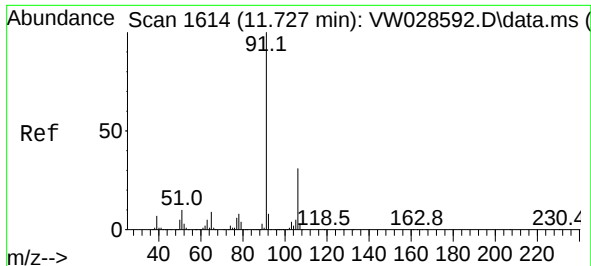
Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:	112	Resp:	13442
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.2	41.2
77	66.2	50.8	76.2





#52

Ethylbenzene

Concen: 1.116 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

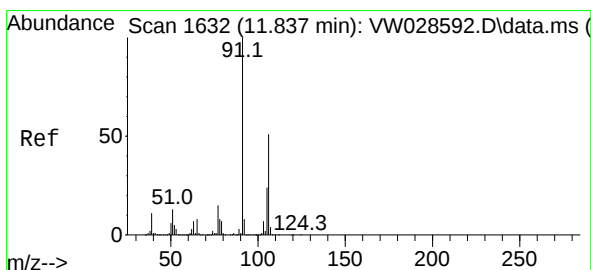
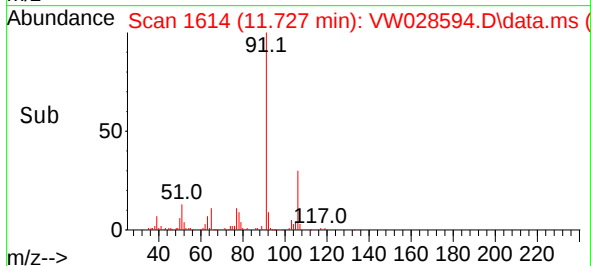
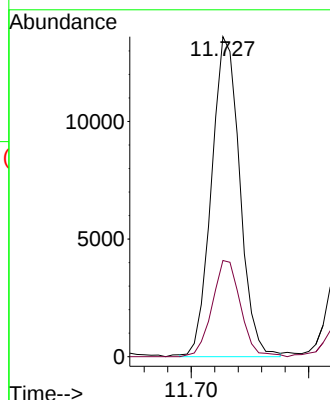
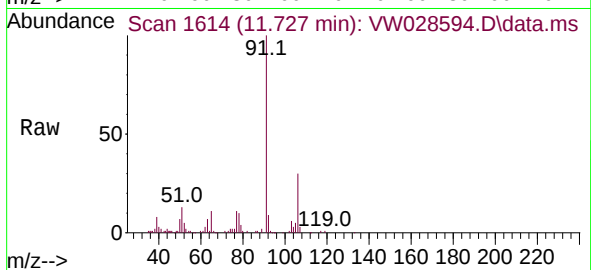
ClientSampleId :

Tgt Ion: 91 Resp: 22749

Ion Ratio Lower Upper

91 100

106 30.1 22.7 42.1



#53

m,p-Xylene

Concen: 1.068 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028594.D

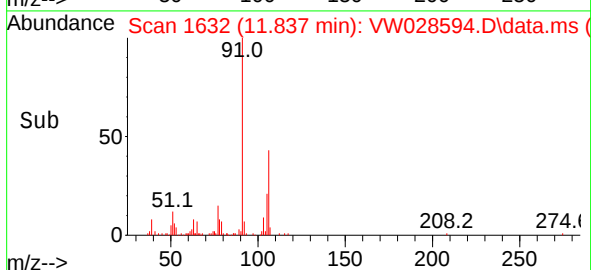
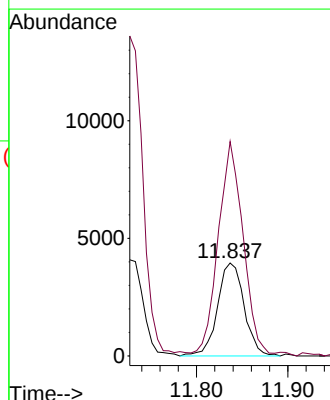
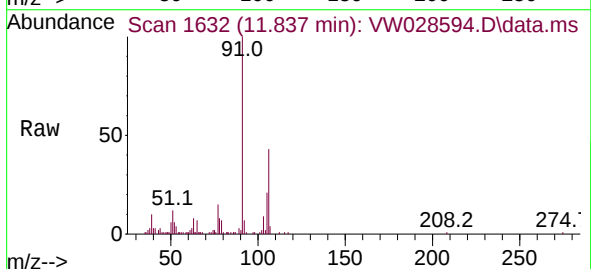
Acq: 08 May 2024 10:13

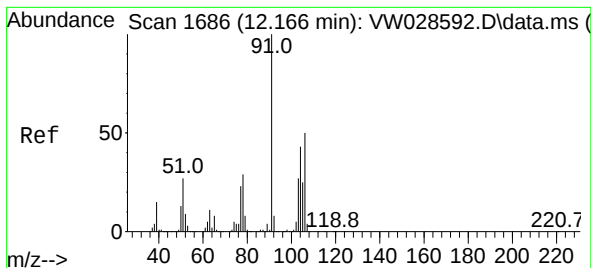
Tgt Ion:106 Resp: 7985

Ion Ratio Lower Upper

106 100

91 230.6 146.6 272.2

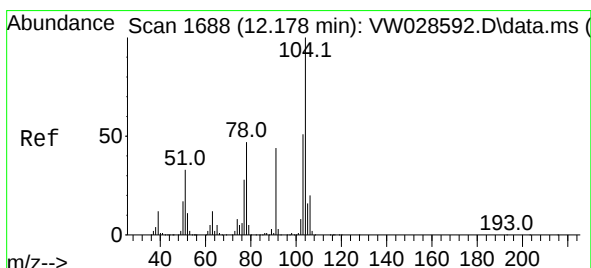
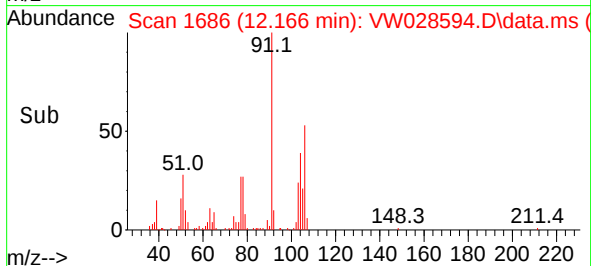
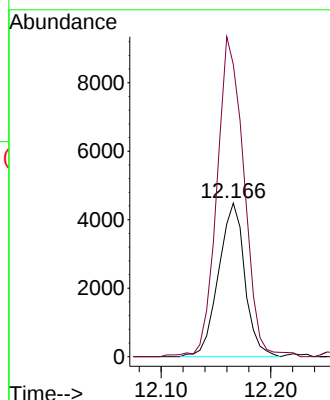
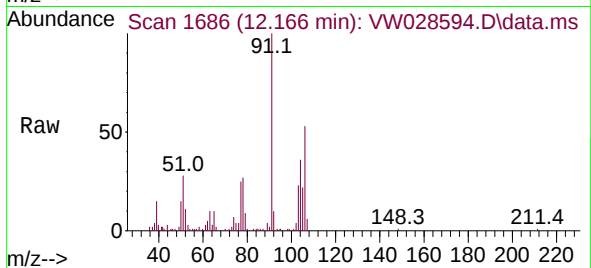




#54
o-Xylene
Concen: 1.080 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

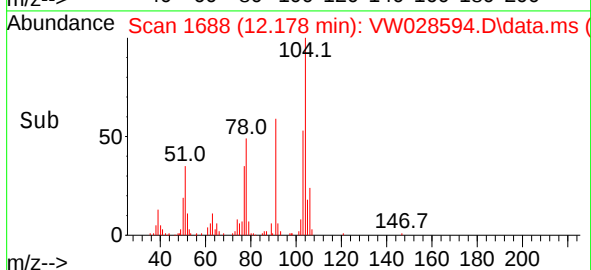
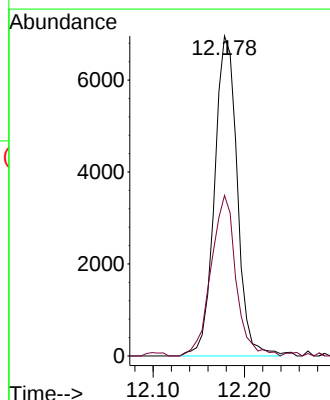
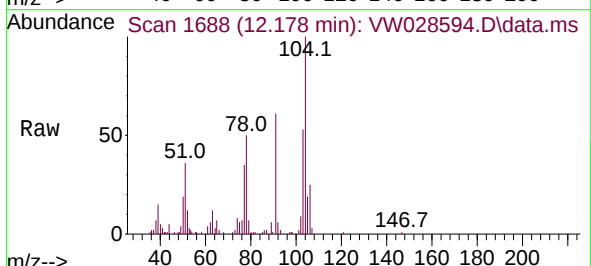
Instrument :
MSVOA_W
ClientSampleId :

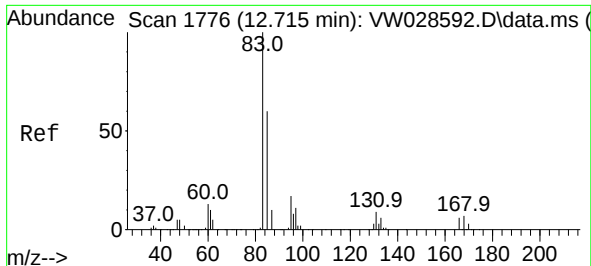
Tgt Ion:106 Resp: 7467
Ion Ratio Lower Upper
106 100
91 190.3 154.3 286.5



#55
Styrene
Concen: 1.026 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:104 Resp: 12017
Ion Ratio Lower Upper
104 100
78 50.2 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.260 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW028594.D

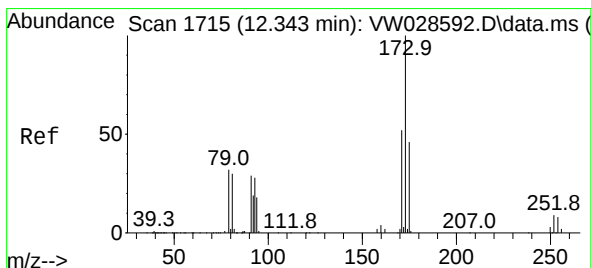
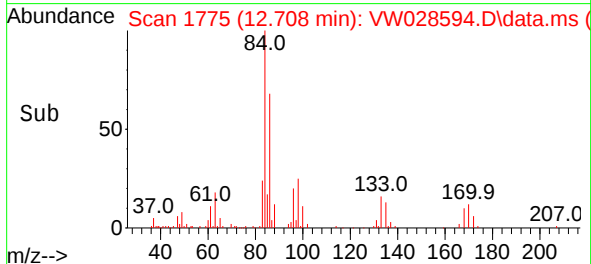
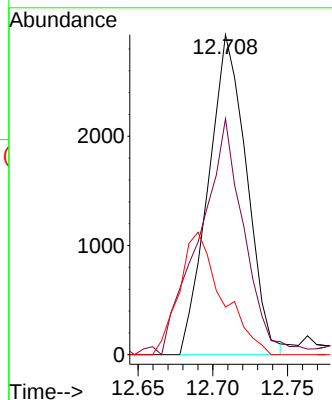
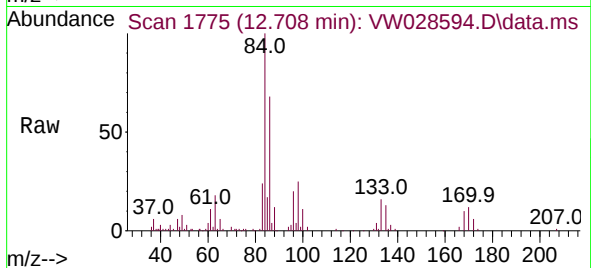
Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 5204
Ion Ratio	Lower Upper
83 100	
85 73.8	45.6 84.6
131 14.9	7.3 10.9#



#59

Bromoform

Concen: 1.219 ug/L

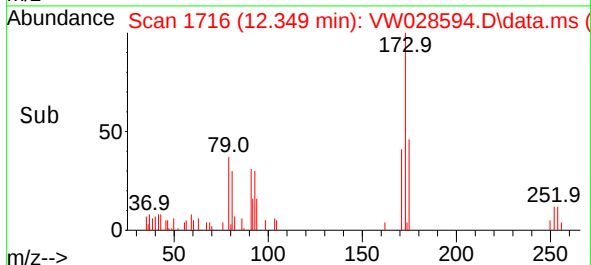
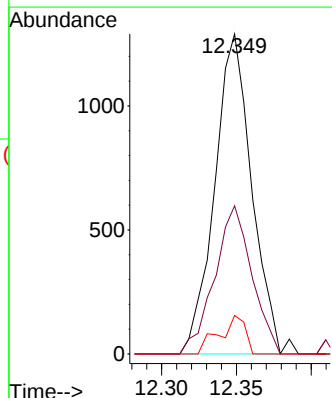
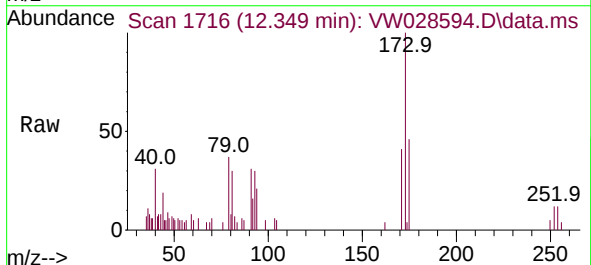
RT: 12.349 min Scan# 1716

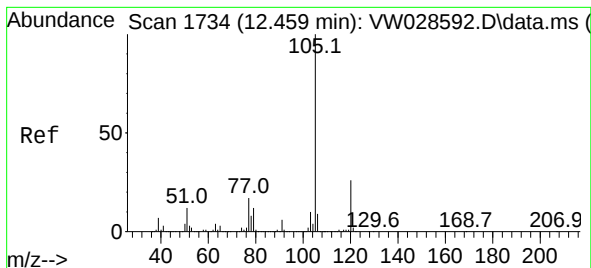
Delta R.T. 0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion: 173	Resp: 2208
Ion Ratio	Lower Upper
173 100	
175 46.9	39.8 59.8
254 4.7	7.1 10.7#

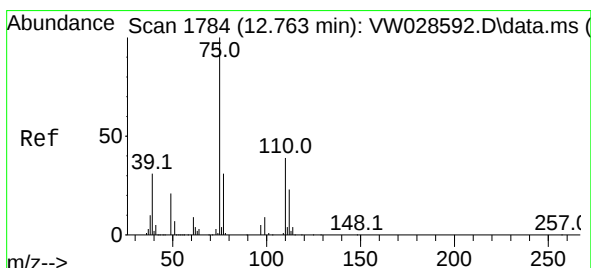
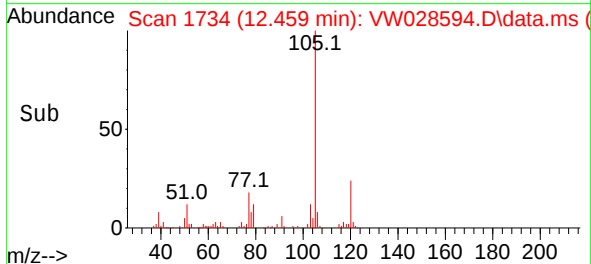
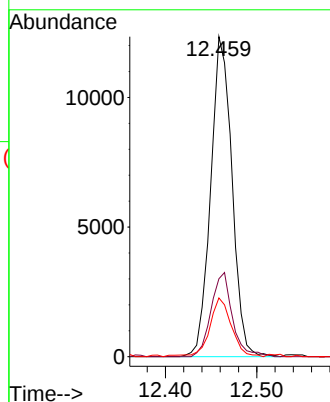
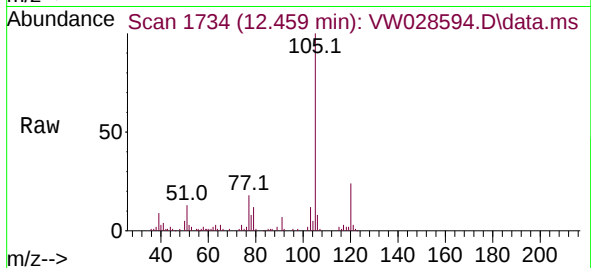




#60
Isopropylbenzene
Concen: 1.061 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

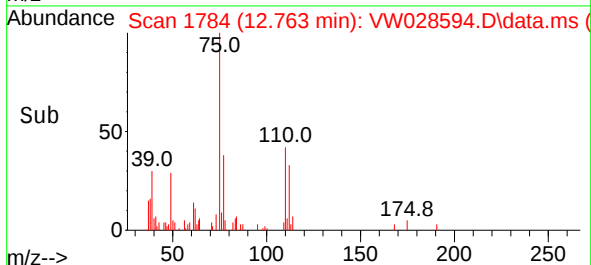
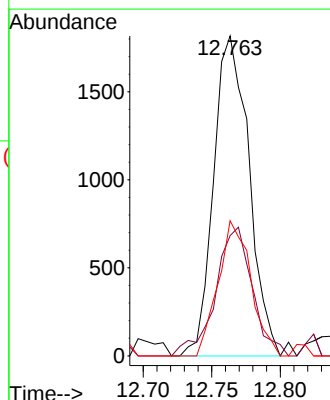
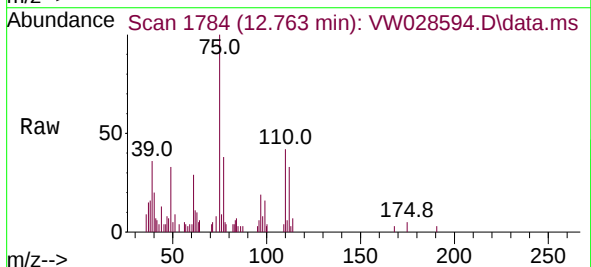
Instrument :
MSVOA_W
ClientSampleId :

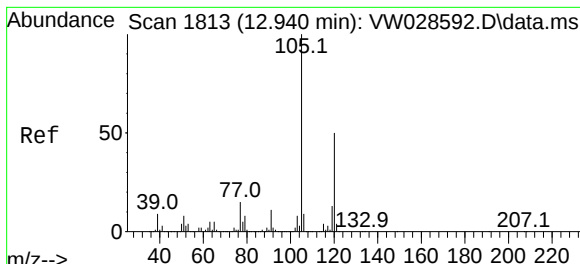
Tgt Ion:	105	Resp:	19978
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.5	30.7
77	18.2	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 1.085 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028594.D
Acq: 08 May 2024 10:13

Tgt Ion:	75	Resp:	3254
Ion Ratio	Lower	Upper	
75	100		
77	42.1	25.9	38.9#
110	39.2	30.6	45.8



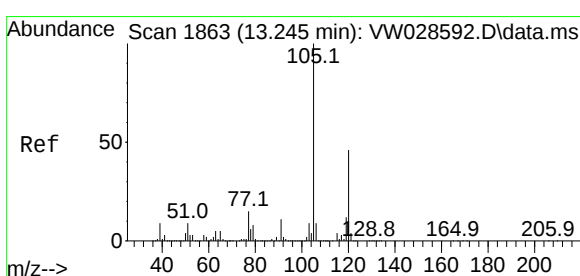
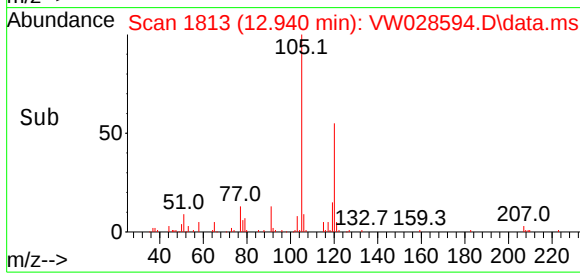
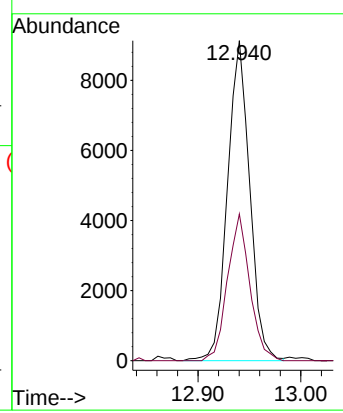
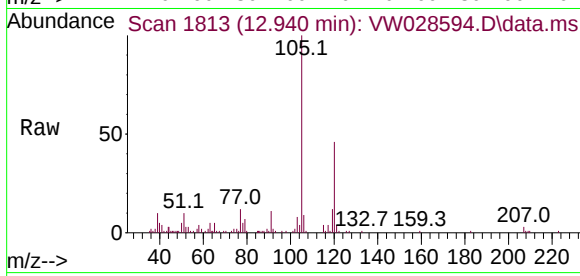


#62
 1,3,5-Trimethylbenzene
 Concen: 1.029 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 13709

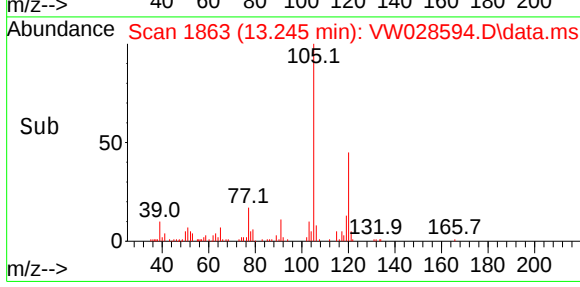
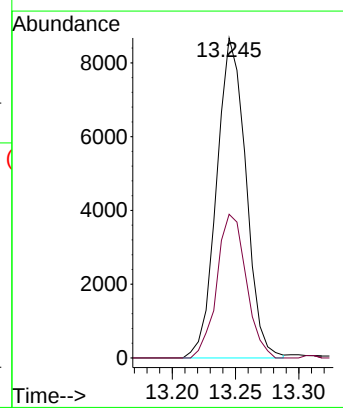
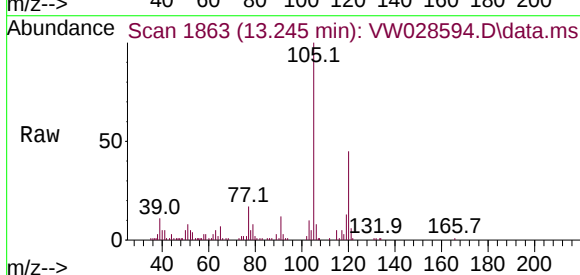
Ion	Ratio	Lower	Upper
105	100		
120	46.0	37.4	56.2

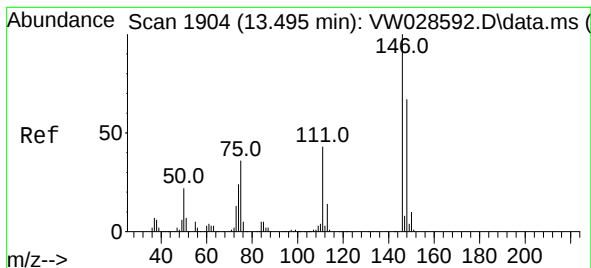


#63
 1,2,4-Trimethylbenzene
 Concen: 0.972 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028594.D
 Acq: 08 May 2024 10:13

Tgt Ion:105 Resp: 13956

Ion	Ratio	Lower	Upper
105	100		
120	44.9	34.1	51.1





#64

1,3-Dichlorobenzene

Concen: 1.181 ug/L

RT: 13.501 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

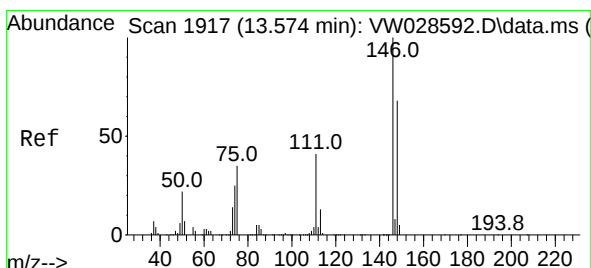
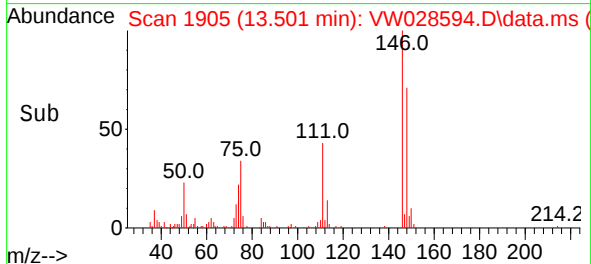
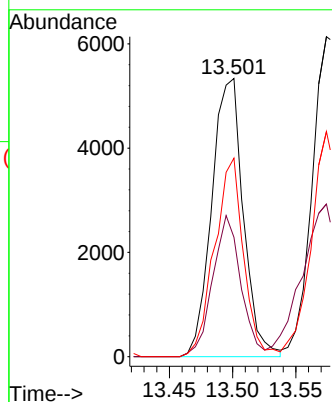
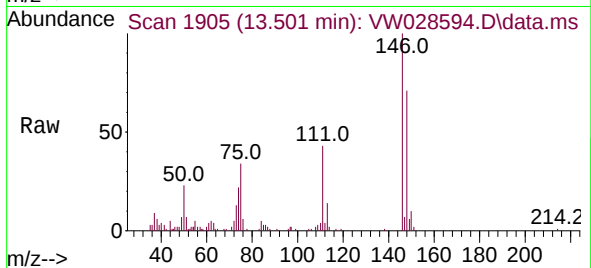
Tgt Ion:146 Resp: 9253

Ion Ratio Lower Upper

146 100

111 42.9 30.7 57.1

148 71.4 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 1.295 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

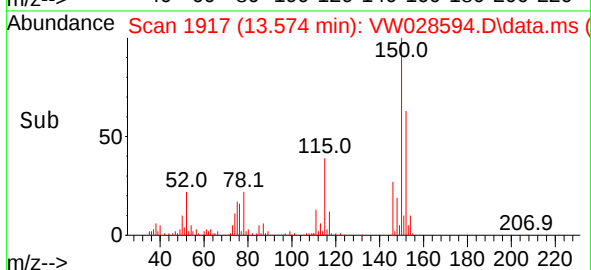
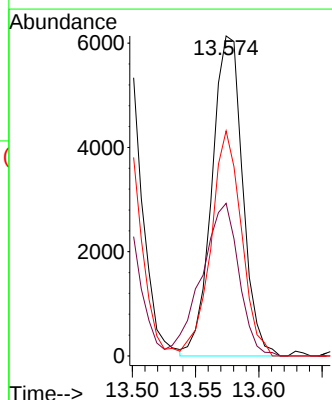
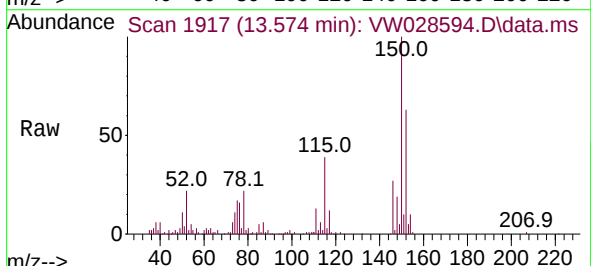
Tgt Ion:146 Resp: 10368

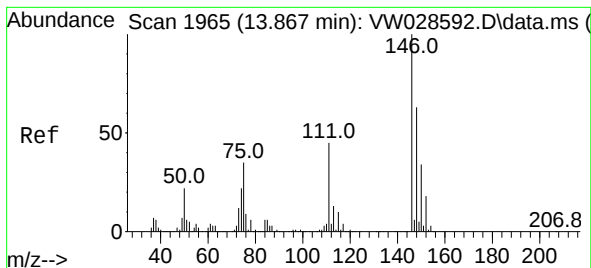
Ion Ratio Lower Upper

146 100

111 47.7 29.1 54.1

148 70.4 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 1.354 ug/L

RT: 13.867 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

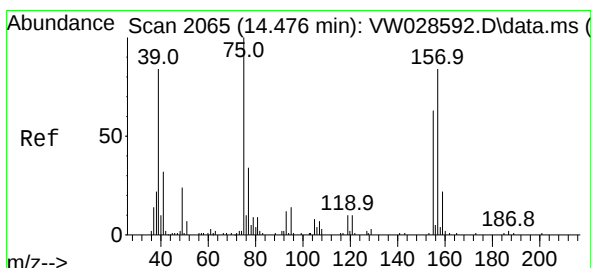
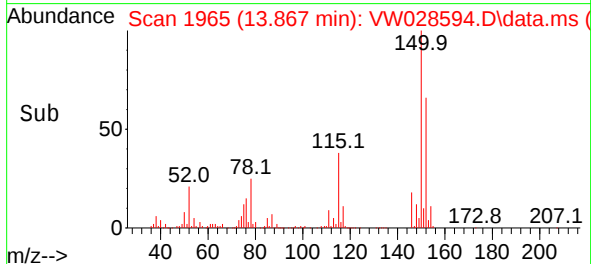
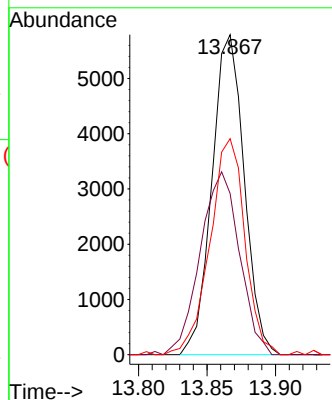
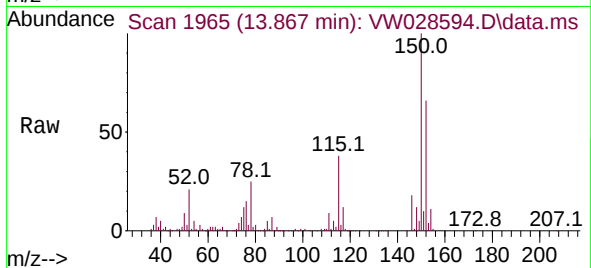
Tgt Ion:146 Resp: 9494

Ion Ratio Lower Upper

146 100

111 50.4 34.7 52.1

148 67.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.293 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.146 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

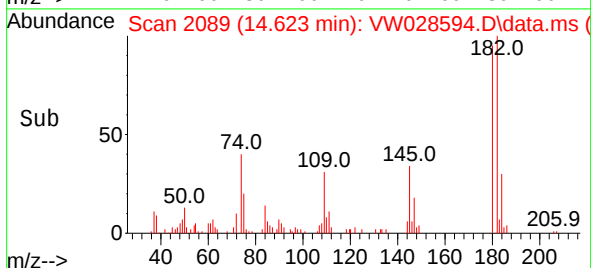
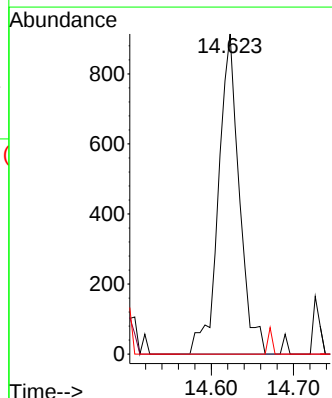
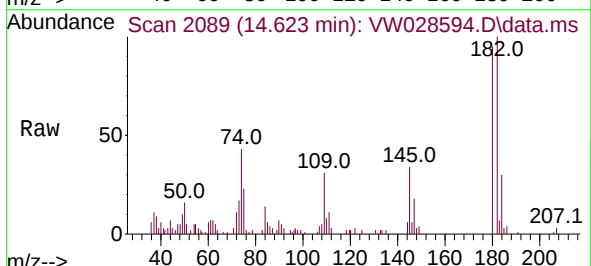
Tgt Ion: 75 Resp: 1608

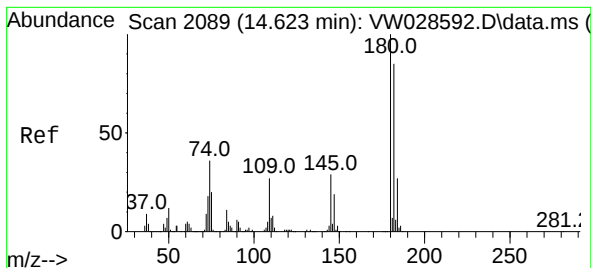
Ion Ratio Lower Upper

75 100

155 0.0 55.1 82.7#

157 0.0 68.6 102.8#





#69

1,3,5-Trichlorobenzene

Concen: 1.230 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 6467

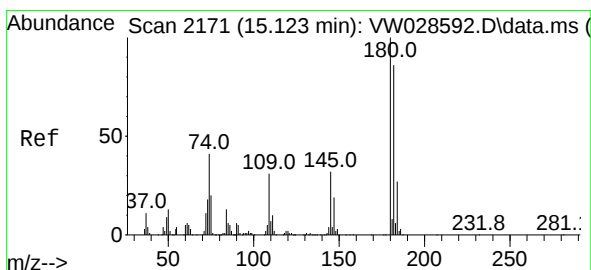
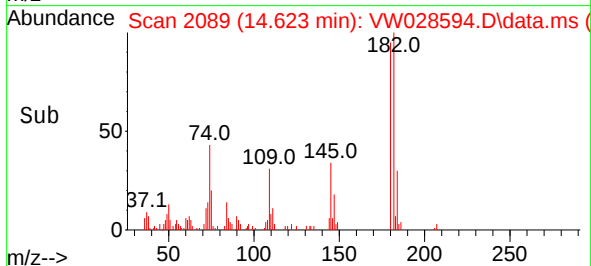
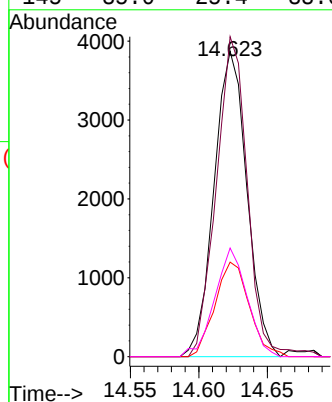
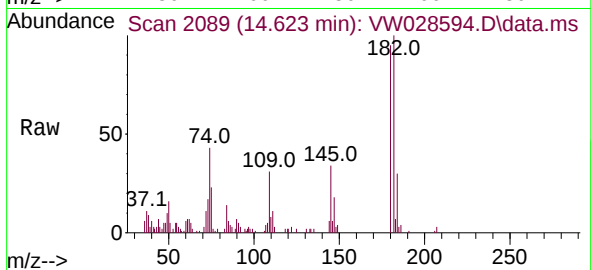
Ion Ratio Lower Upper

180 100

182 99.0 75.4 113.2

184 32.3 24.0 36.0

145 35.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 1.253 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

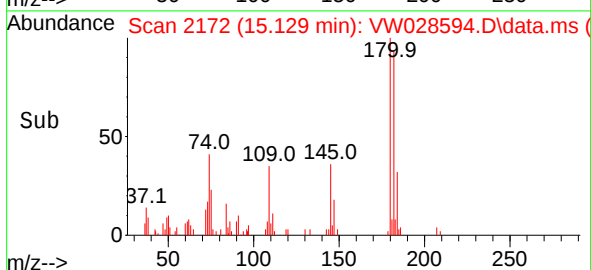
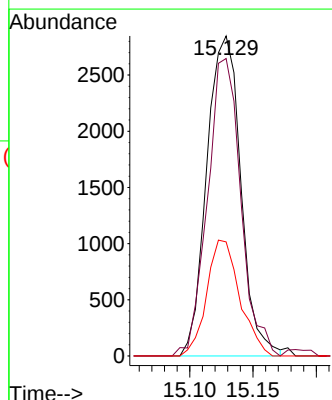
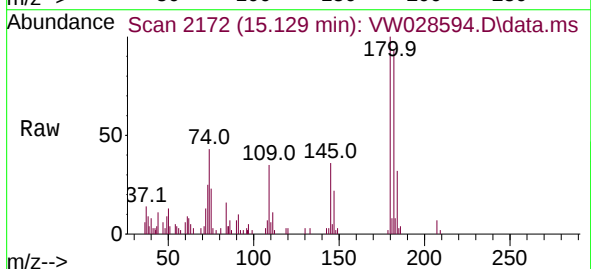
Tgt Ion:180 Resp: 5322

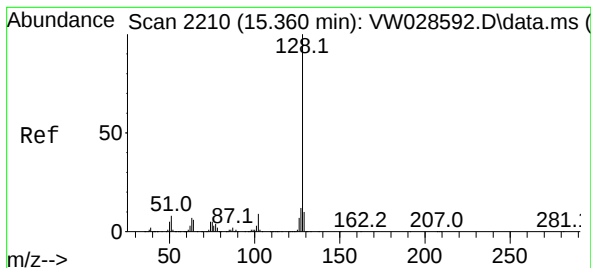
Ion Ratio Lower Upper

180 100

182 90.8 77.2 115.8

145 35.2 26.6 39.8





#71

Naphthalene

Concen: 0.987 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028594.D

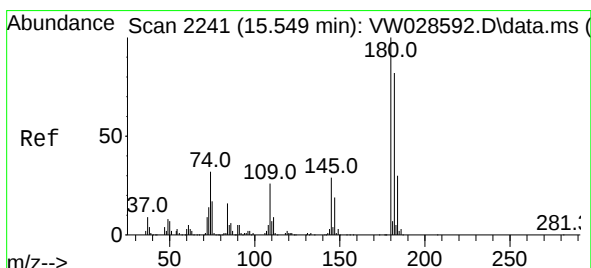
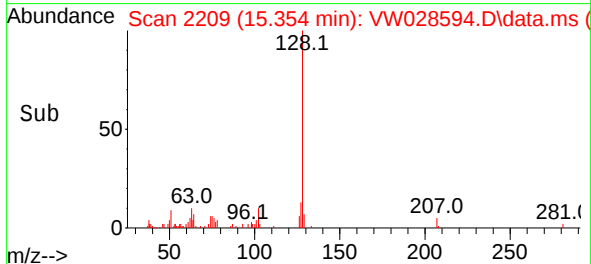
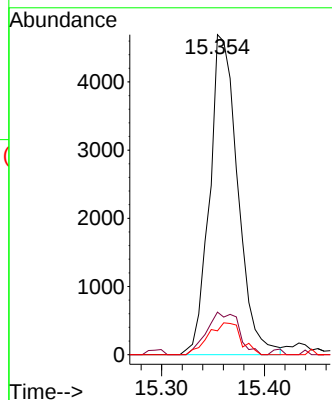
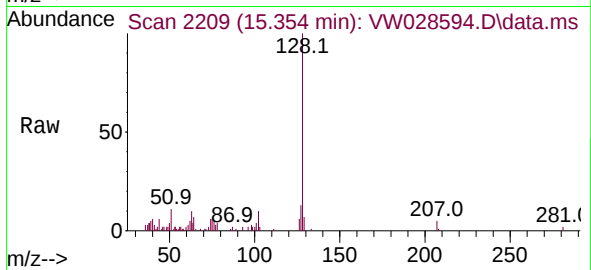
Acq: 08 May 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	8935
Ion Ratio	Lower	Upper
128	100	
127	9.0	10.6 15.8#
129	10.6	8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 1.242 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028594.D

Acq: 08 May 2024 10:13

Tgt Ion:180	Resp:	4760
Ion Ratio	Lower	Upper
180	100	
182	92.7	76.1 114.1
145	34.0	28.3 42.5

