

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029412.D
 Acq On : 28 Jun 2024 20:46
 Operator : SY/MD
 Sample : P3088-03MS
 Misc : 5.20g/11mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 02:16:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	406883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142526	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88746	15.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.893	69	80009	16.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.280%
11) 1,1-Dichloroethene-d2	4.021	65	48172	17.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.880%
21) 2-Butanone-d5	7.075	46	51536	30.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.180%
24) Chloroform-d	7.648	84	244086	20.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.307	65	131013	18.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	8.276	84	449408	21.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	9.270	67	149447	22.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	10.318	98	397838	21.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	10.575	79	50814	18.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	36536	34.813	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104993	19.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	104293	21.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64135	16.156	ug/L	93
3) Chloromethane	2.222	50	91431	16.153	ug/L	100
5) Vinyl chloride	2.375	62	113027	17.389	ug/L	97
6) Bromomethane	2.789	94	55258	14.144	ug/L	94
8) Chloroethane	2.936	64	73804	18.564	ug/L	96
9) Trichlorofluoromethane	3.265	101	113225	22.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107930	19.425	ug/L #	94
12) 1,1-Dichloroethene	4.045	96	97910	20.767	ug/L	90
13) Acetone	4.118	43	36289	25.343	ug/L	97
14) Carbon disulfide	4.387	76	251283	16.327	ug/L	99
15) Methyl Acetate	4.673	43	39284	13.820	ug/L	98
16) Methylene chloride	4.917	84	123040	17.198	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	105398	20.131	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	179505	21.429	ug/L	99
19) 1,1-Dichloroethane	6.222	63	236312	20.898	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	121492	21.043	ug/L	97
22) 2-Butanone	7.173	43	64235	32.725	ug/L	98
23) Bromochloromethane	7.514	128	51072	19.871	ug/L	91
25) Chloroform	7.679	83	234344	21.223	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

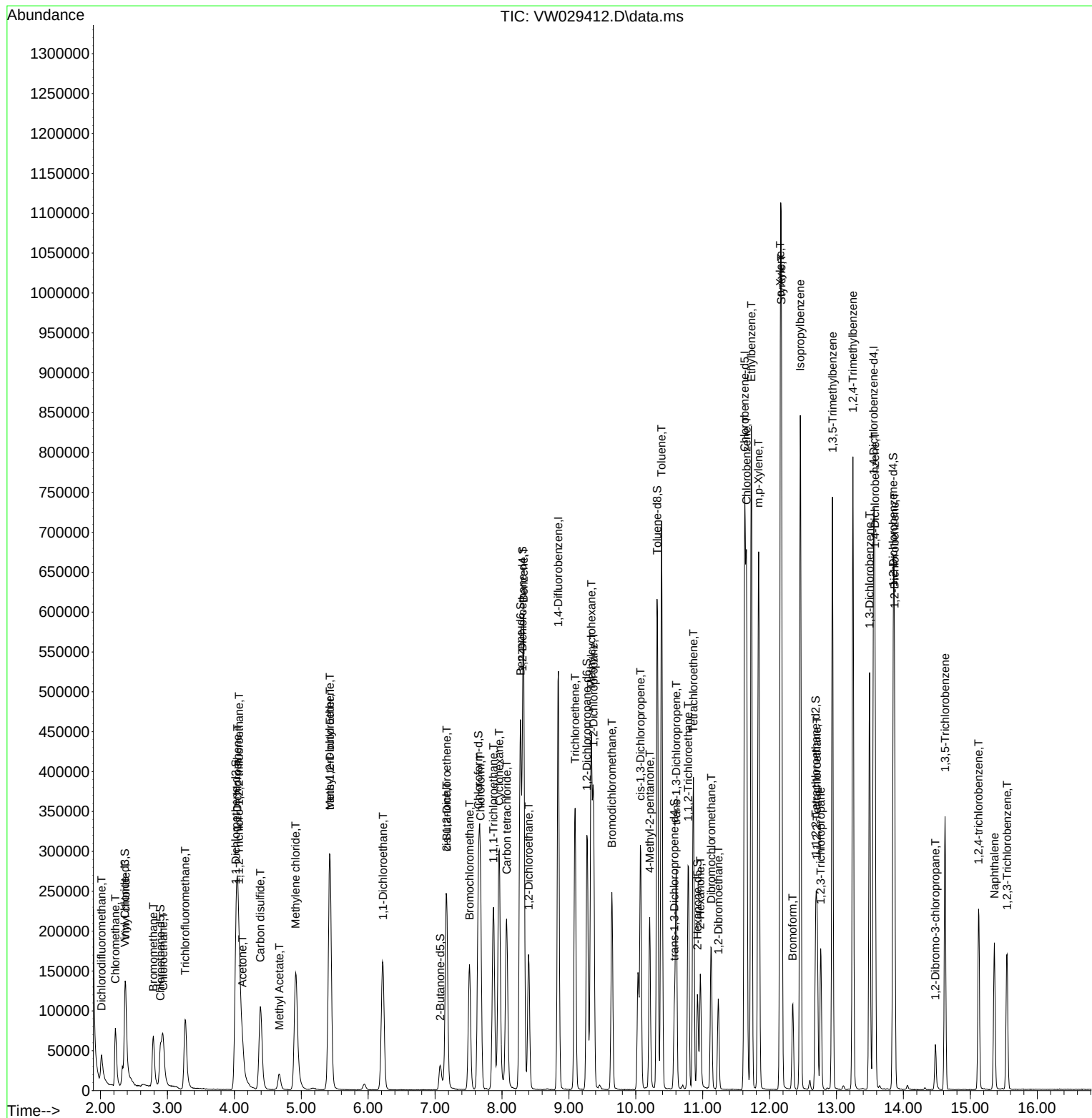
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155358	19.077	ug/L	98
29) Cyclohexane	7.959	56	172725	21.790	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	186065	24.132	ug/L	95
31) Carbon tetrachloride	8.069	117	161202	22.887	ug/L	97
33) Benzene	8.325	78	483684	23.216	ug/L	100
34) Trichloroethene	9.093	95	125946	22.659	ug/L	98
35) Methylcyclohexane	9.337	83	166070	18.998	ug/L	99
37) 1,2-Dichloropropane	9.367	63	135634	23.169	ug/L	99
38) Bromodichloromethane	9.642	83	163171	22.796	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	170787	20.638	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	145387	40.068	ug/L	99
42) Toluene	10.386	91	492638	23.001	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	143400	20.522	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	87560	21.475	ug/L	98
46) Tetrachloroethene	10.861	164	80666	20.761	ug/L	96
48) 2-Hexanone	10.965	43	92845	36.061	ug/L	100
49) Dibromochloromethane	11.129	129	93505	21.939	ug/L	94
50) 1,2-Dibromoethane	11.233	107	73948	20.204	ug/L	91
51) Chlorobenzene	11.654	112	305145	21.940	ug/L	99
52) Ethylbenzene	11.727	91	558224	22.961	ug/L	100
53) m,p-Xylene	11.836	106	203007	22.860	ug/L	97
54) o-Xylene	12.160	106	193877	23.360	ug/L	98
55) Styrene	12.178	104	313051	21.633	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	98707	19.571	ug/L	93
59) Bromoform	12.342	173	46674	23.894	ug/L	96
60) Isopropylbenzene	12.458	105	517637	27.257	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72294	23.255	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	369397	26.858	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	393369	26.582	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198375	24.138	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	192272	21.989	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	166960	21.975	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14882	20.514	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	92747	16.721	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	67405	14.991	ug/L	97
71) Naphthalene	15.360	128	143965	16.223	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	53730	13.115	ug/L	96

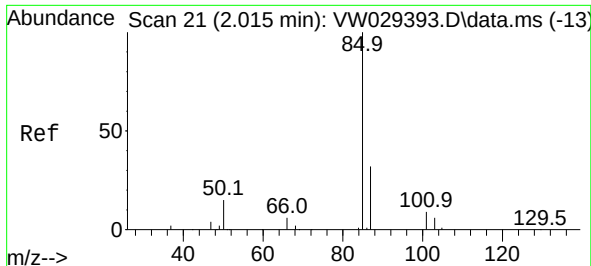
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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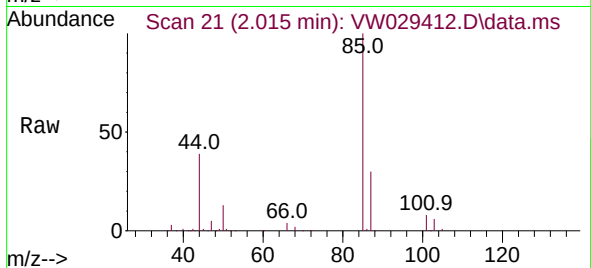
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Quant Title : SFAM01.0
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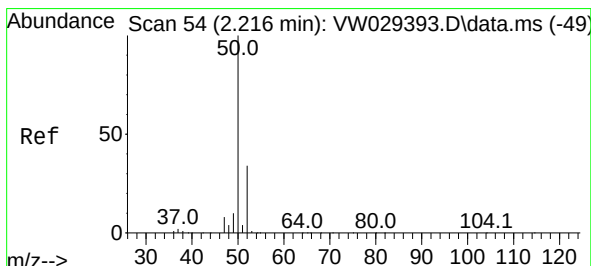
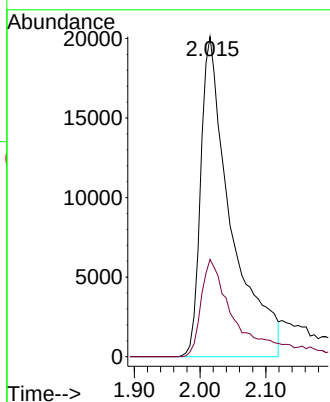
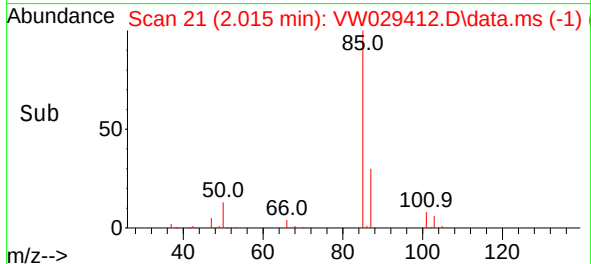


#2
Dichlorodifluoromethane
Concen: 16.156 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Instrument :
MSVOA_W
ClientSampleId :

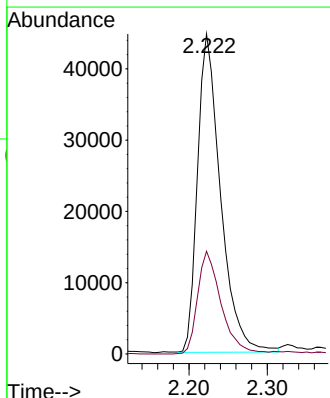
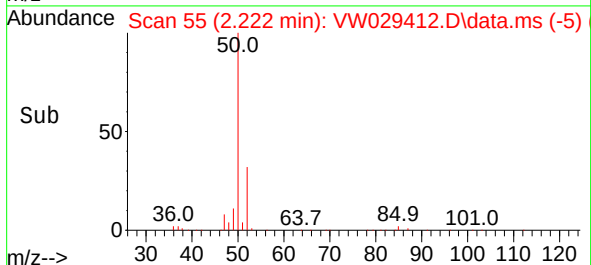
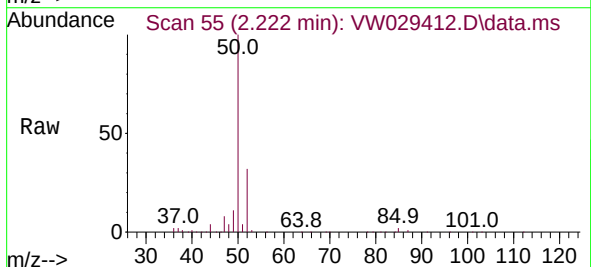


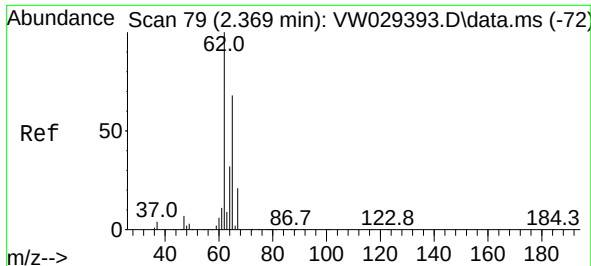
Tgt Ion: 85 Resp: 64135
Ion Ratio Lower Upper
85 100
87 26.0 23.8 35.6



#3
Chloromethane
Concen: 16.153 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion: 50 Resp: 91431
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5

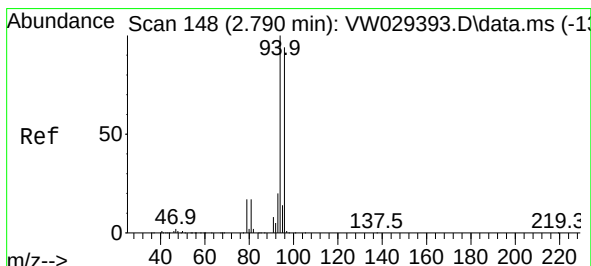
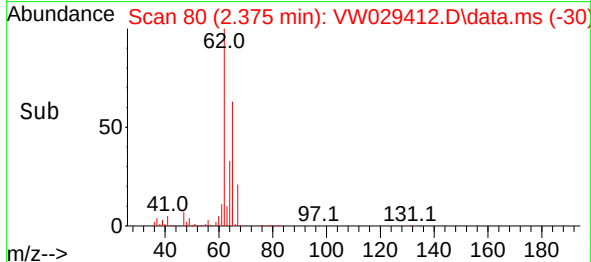
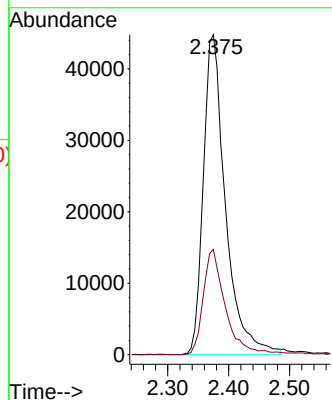
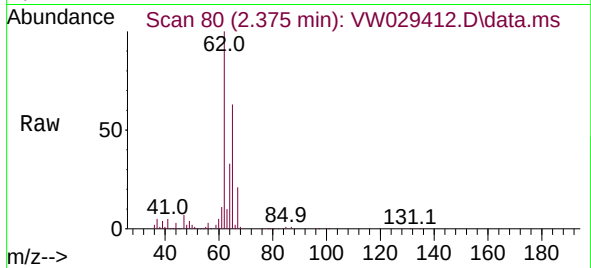




#5
 Vinyl chloride
 Concen: 17.389 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029412.D
 Acq: 28 Jun 2024 20:46

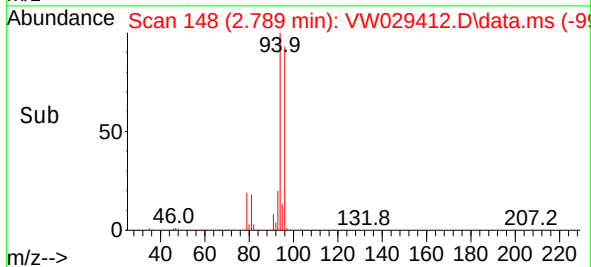
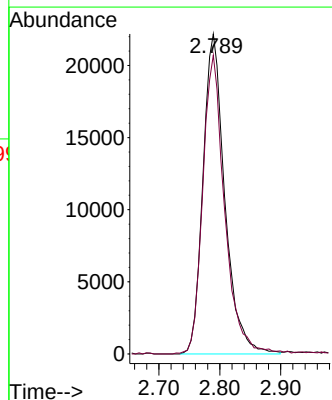
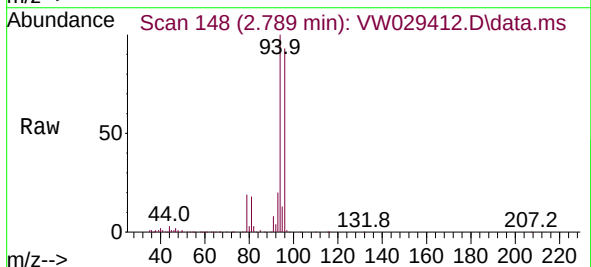
Instrument :
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 ClientSampleId :

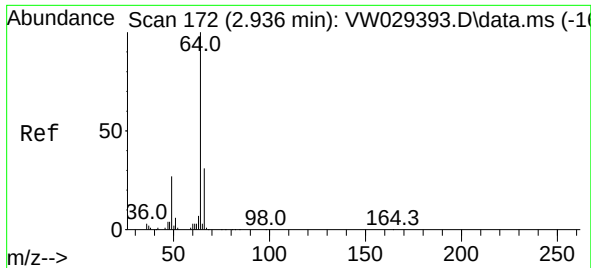
Tgt Ion: 62 Resp: 113027
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 14.144 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029412.D
 Acq: 28 Jun 2024 20:46

Tgt Ion: 94 Resp: 55258
 Ion Ratio Lower Upper
 94 100
 96 93.3 69.5 129.1

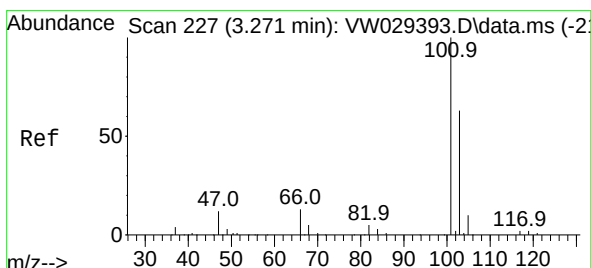
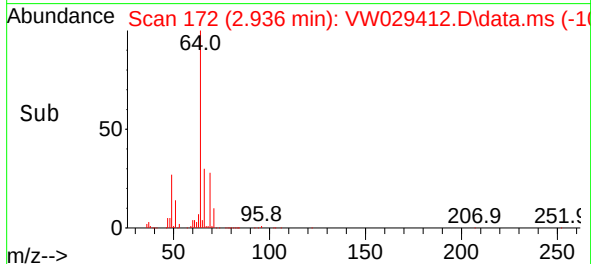
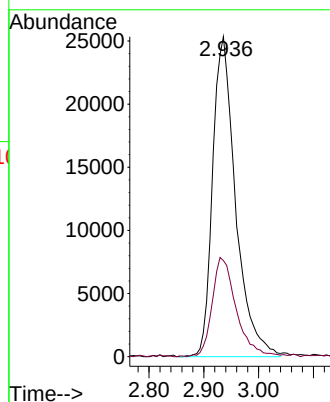
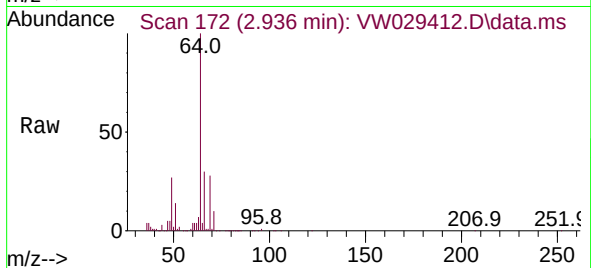




#8
Chloroethane
Concen: 18.564 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

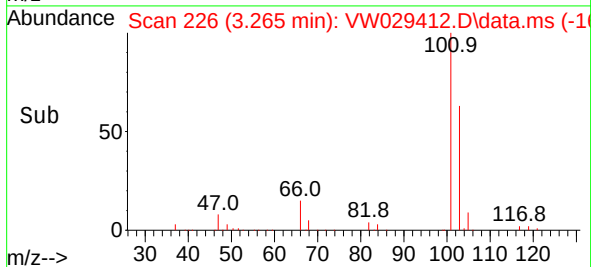
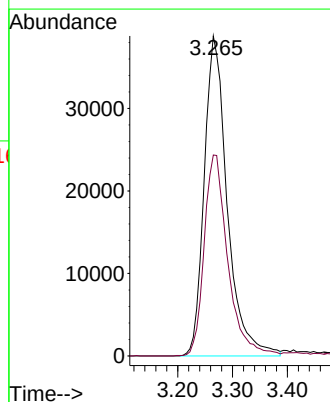
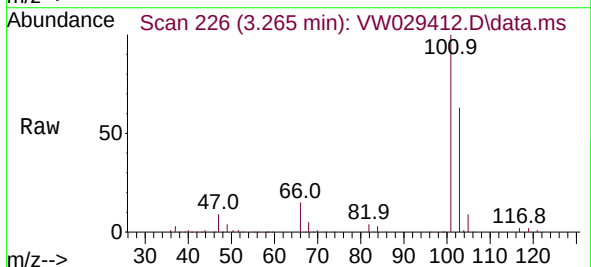
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MSVOA_W
ClientSampleId :

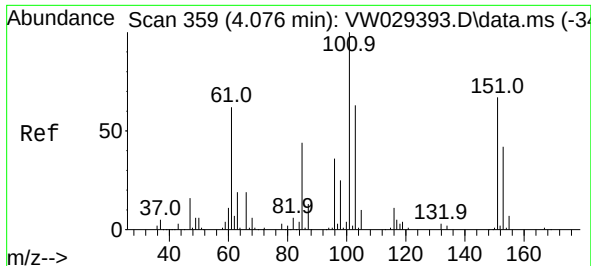
Tgt Ion: 64 Resp: 73804
Ion Ratio Lower Upper
64 100
66 30.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.468 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion:101 Resp: 113225
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2





#10

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

Concen: 19.425 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

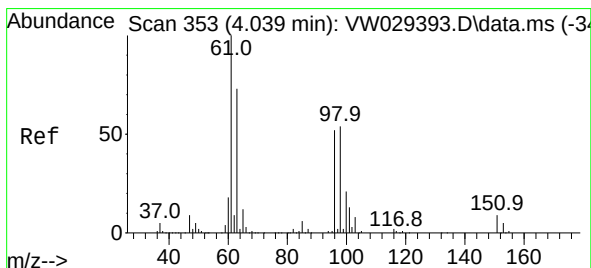
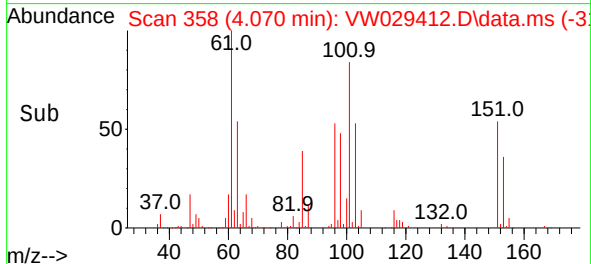
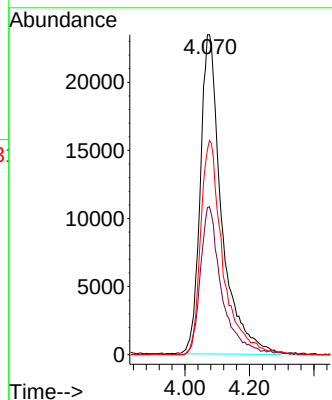
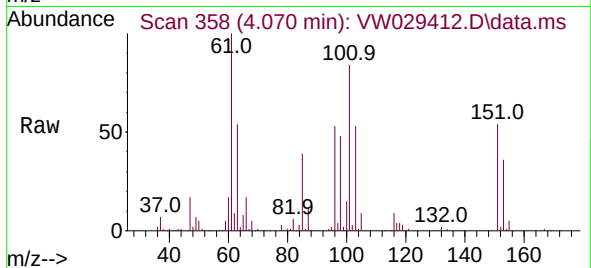
Tgt Ion:101 Resp: 107930

Ion Ratio Lower Upper

101 100

85 45.7 30.2 45.2#

151 67.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 20.767 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

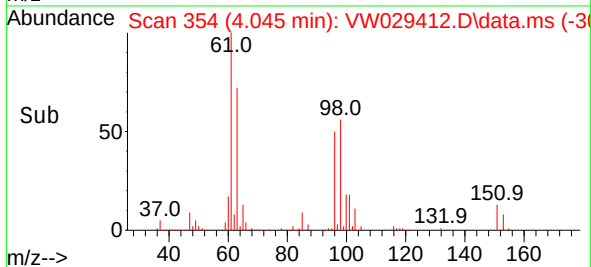
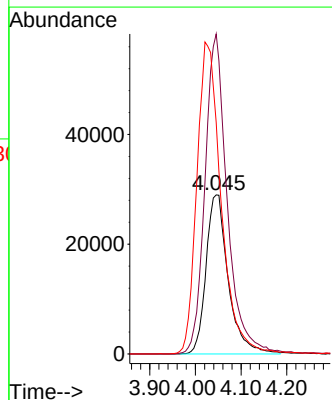
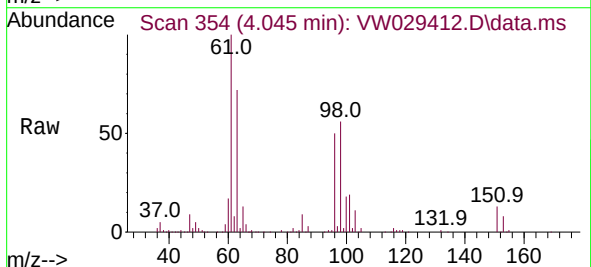
Tgt Ion: 96 Resp: 97910

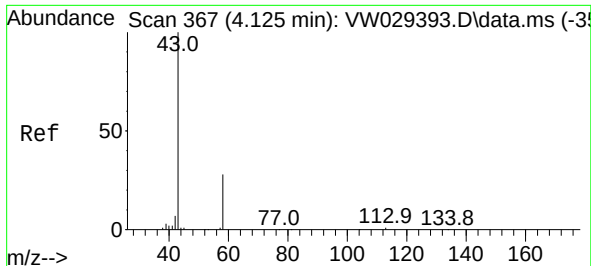
Ion Ratio Lower Upper

96 100

61 201.1 140.1 260.3

63 145.5 122.0 226.6

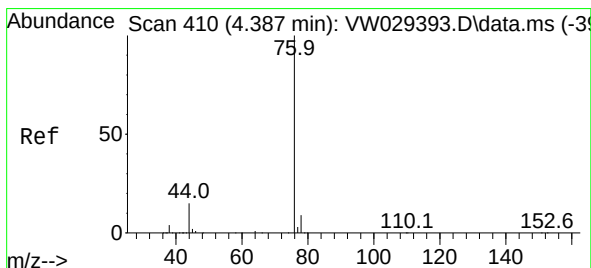
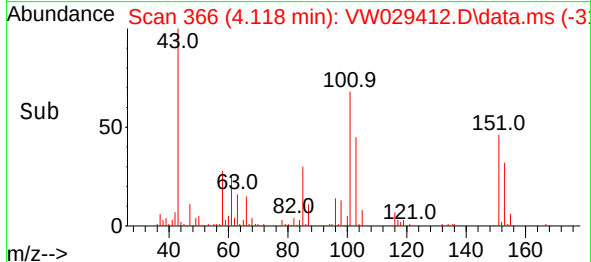
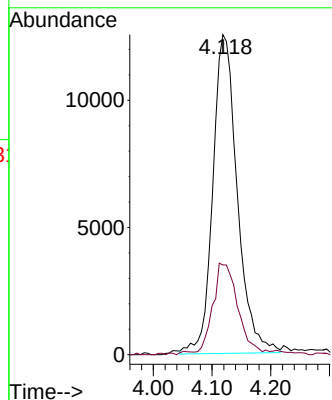
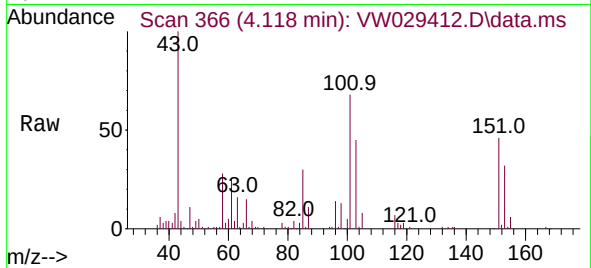




#13
Acetone
Concen: 25.343 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

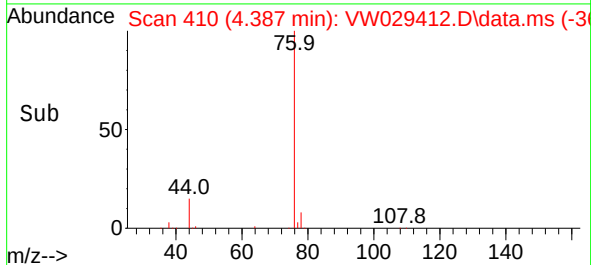
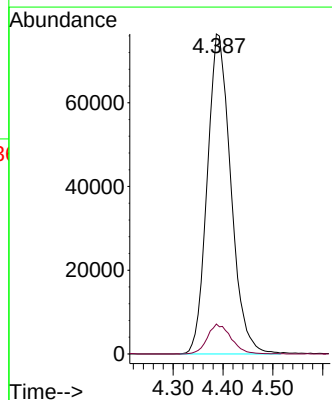
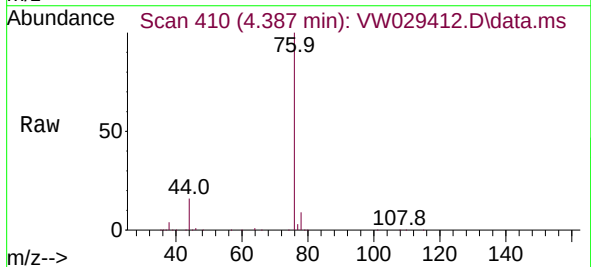
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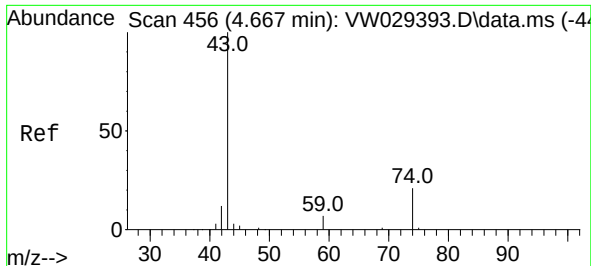
Tgt Ion: 43 Resp: 36289
Ion Ratio Lower Upper
43 100
58 29.2 0.0 61.4



#14
Carbon disulfide
Concen: 16.327 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW029412.D
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Tgt Ion: 76 Resp: 251283
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

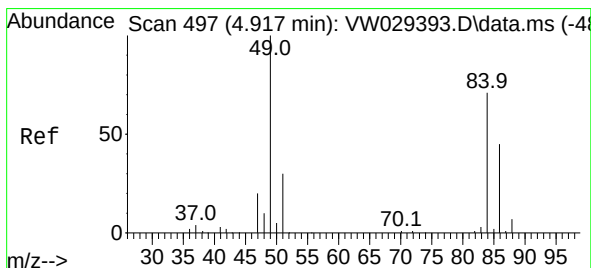
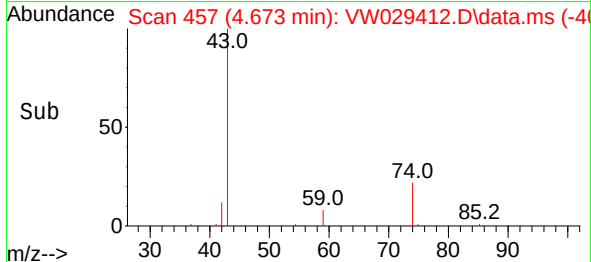
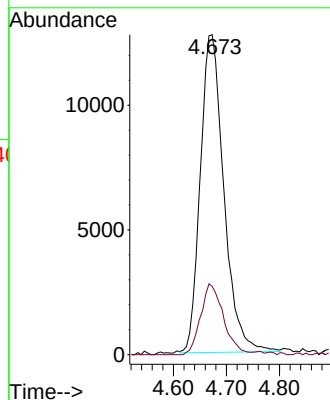
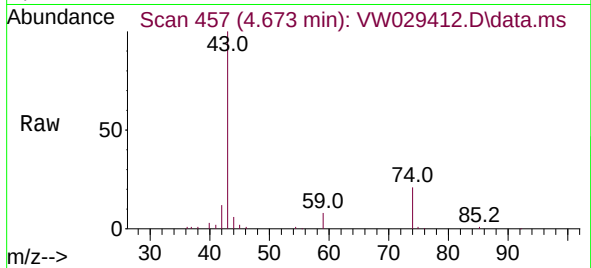




#15
Methyl Acetate
Concen: 13.820 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

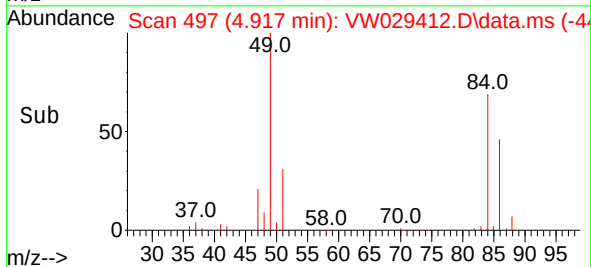
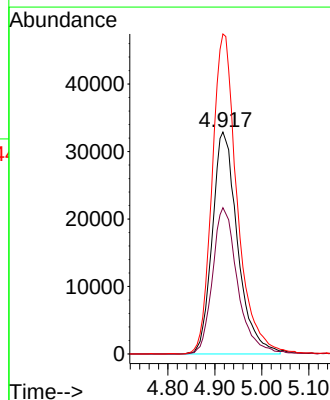
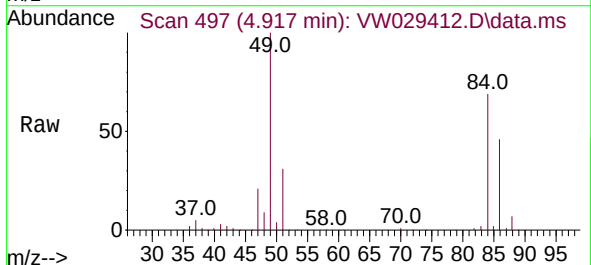
Instrument :
MSVOA_W
ClientSampleId :

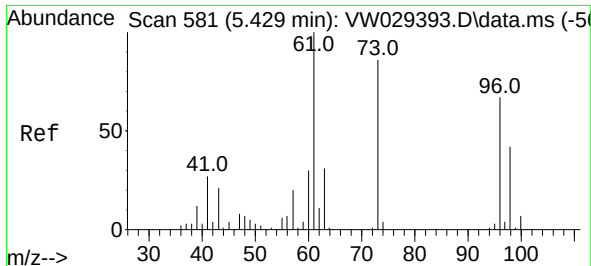
Tgt Ion: 43 Resp: 39284
Ion Ratio Lower Upper
43 100
74 21.6 16.6 25.0



#16
Methylene chloride
Concen: 17.198 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion: 84 Resp: 123040
Ion Ratio Lower Upper
84 100
86 65.9 41.4 77.0
49 144.2 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 20.131 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

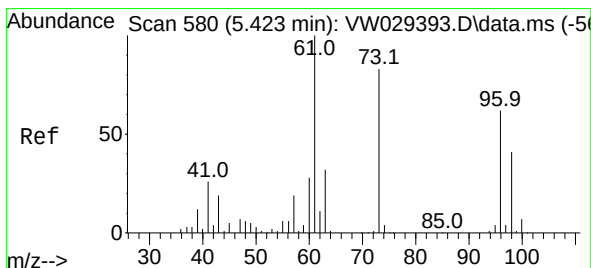
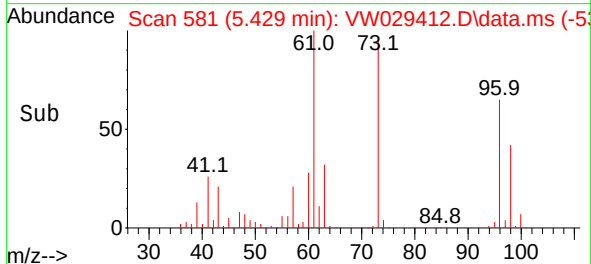
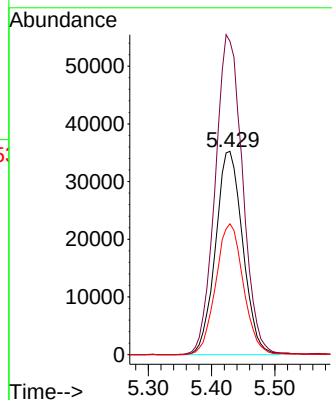
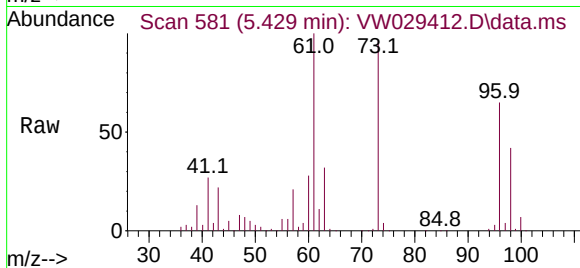
Tgt Ion: 96 Resp: 105398

Ion Ratio Lower Upper

96 100

61 154.2 101.5 188.5

98 64.3 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 21.429 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

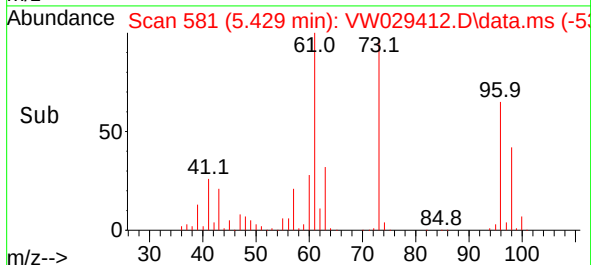
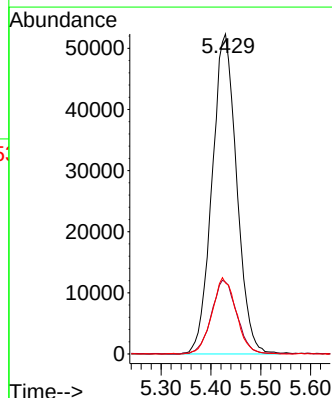
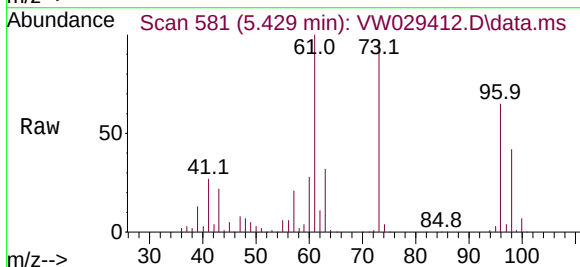
Tgt Ion: 73 Resp: 179505

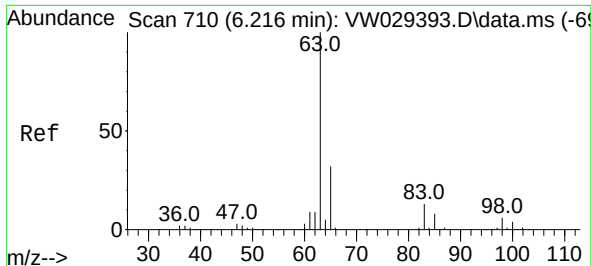
Ion Ratio Lower Upper

73 100

43 23.6 19.5 29.3

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 20.898 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

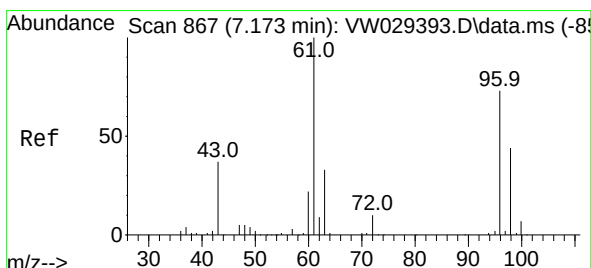
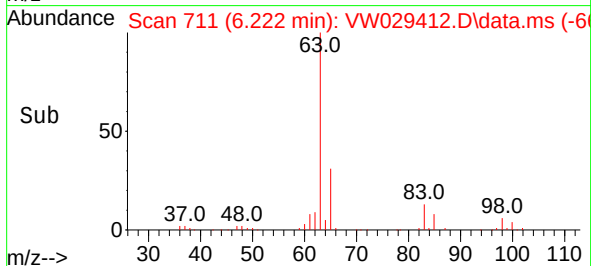
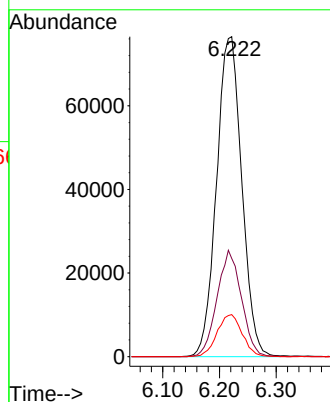
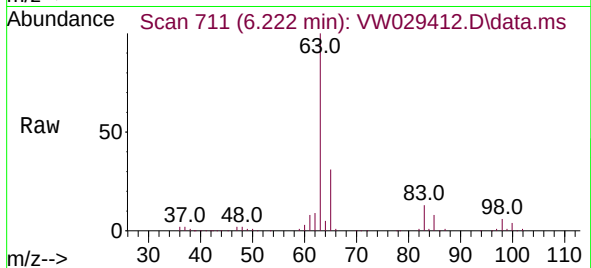
Tgt Ion: 63 Resp: 236312

Ion Ratio Lower Upper

63 100

65 30.7 23.4 43.4

83 13.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.043 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

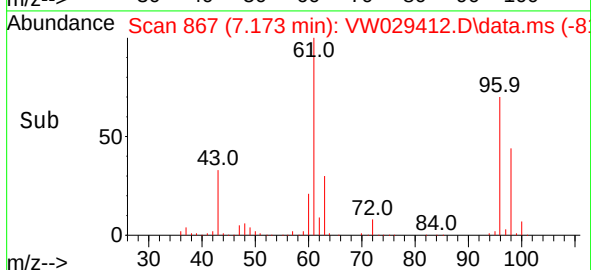
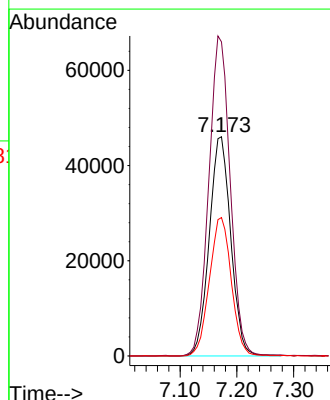
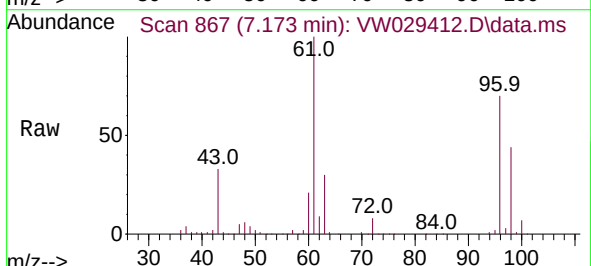
Tgt Ion: 96 Resp: 121492

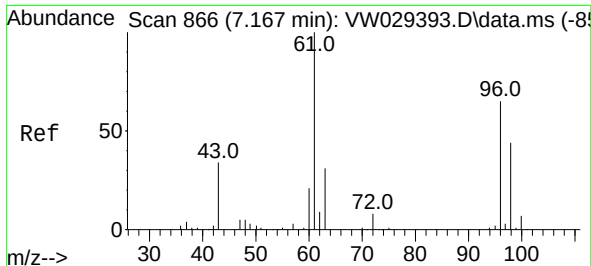
Ion Ratio Lower Upper

96 100

61 143.3 97.8 181.6

98 63.2 43.0 79.8





#22

2-Butanone

Concen: 32.725 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

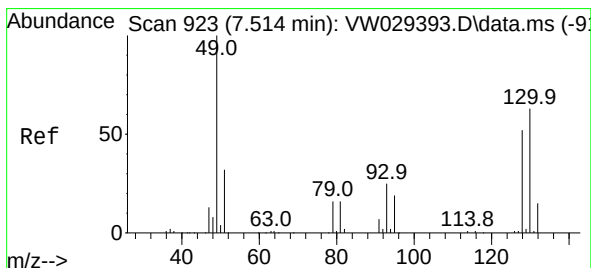
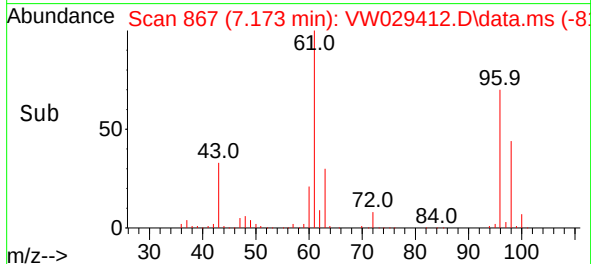
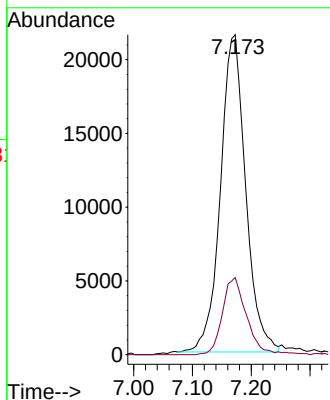
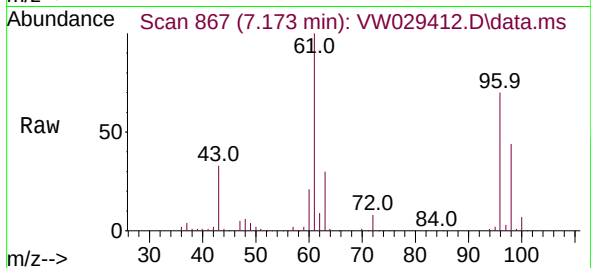
ClientSampleId :

Tgt Ion: 43 Resp: 64235

Ion Ratio Lower Upper

43 100

72 22.7 11.9 35.7



#23

Bromochloromethane

Concen: 19.871 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Tgt Ion: 128 Resp: 51072

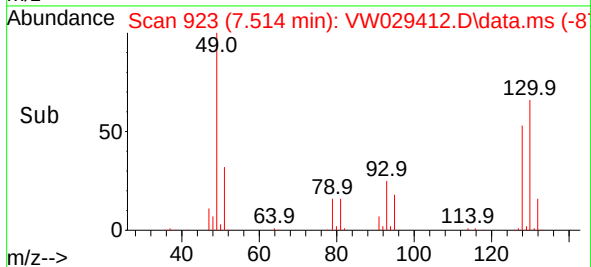
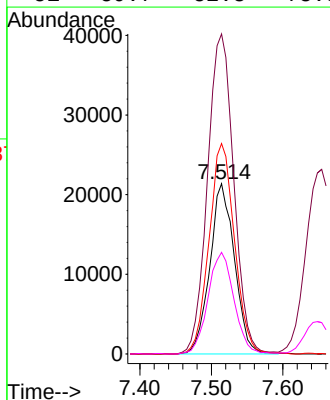
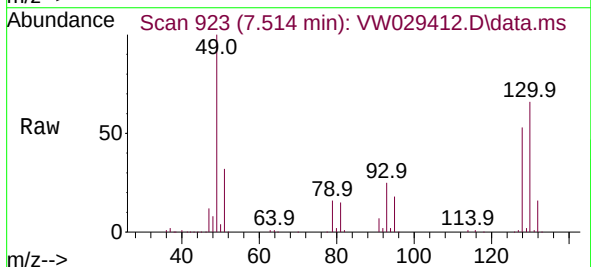
Ion Ratio Lower Upper

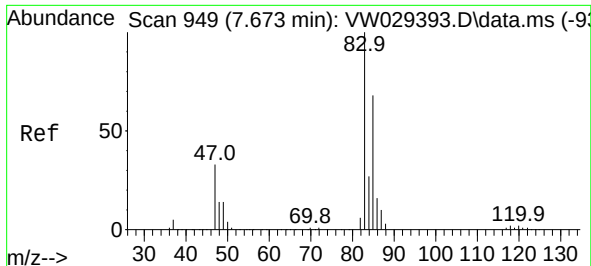
128 100

49 188.0 142.6 264.8

130 123.6 79.7 148.1

51 59.7 52.3 78.5





#25

Chloroform

Concen: 21.223 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

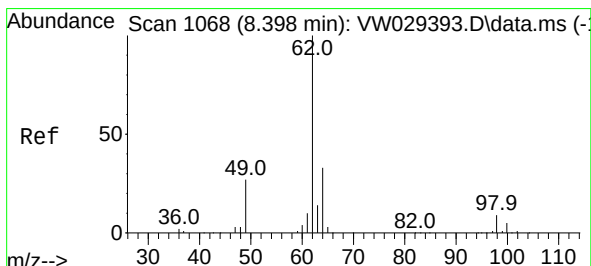
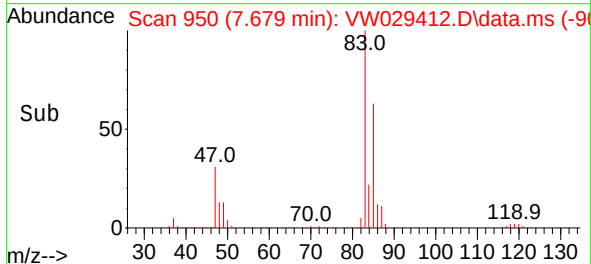
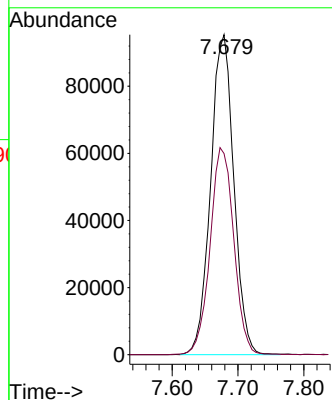
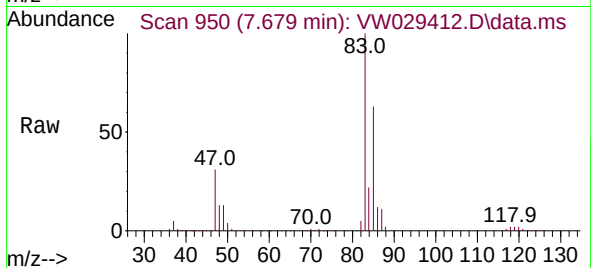
ClientSampleId :

Tgt Ion: 83 Resp: 234344

Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 19.077 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029412.D

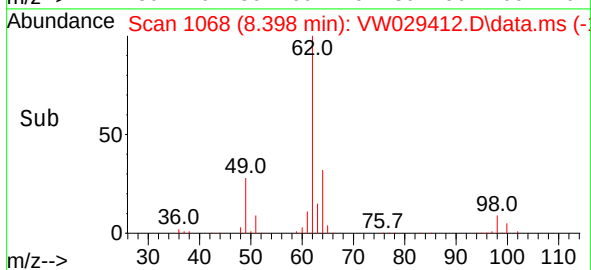
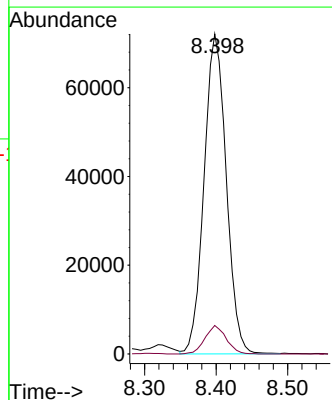
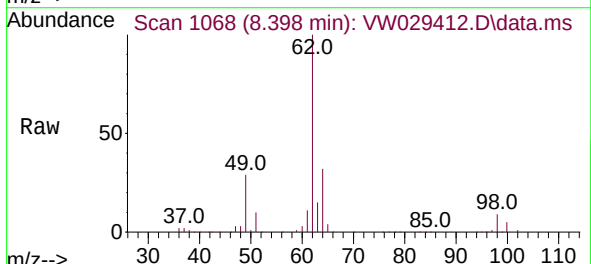
Acq: 28 Jun 2024 20:46

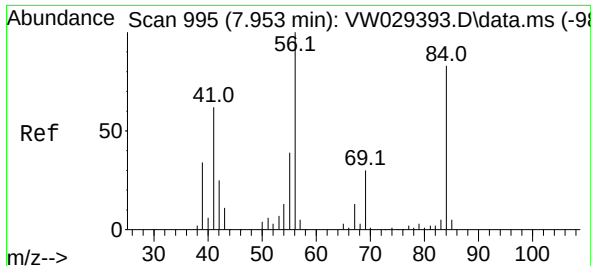
Tgt Ion: 62 Resp: 155358

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 21.790 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

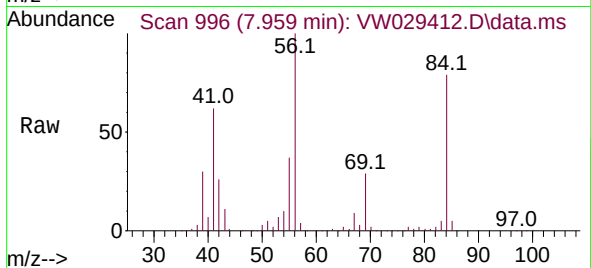
Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

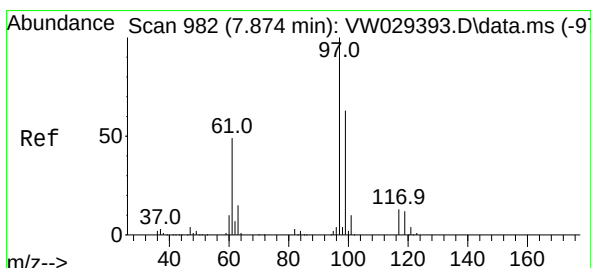
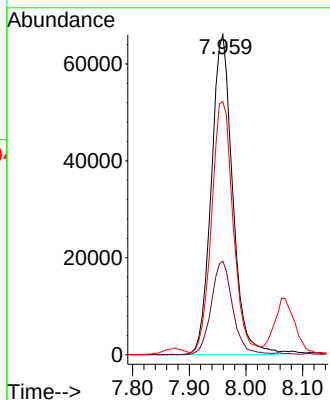
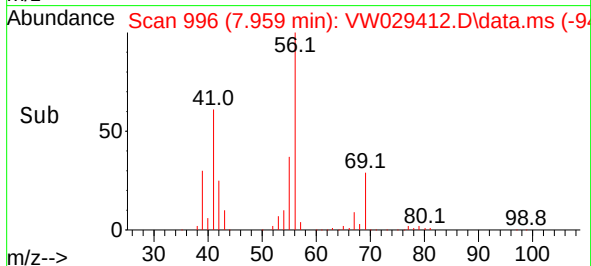
ClientSampleId :



Tgt Ion: 56 Resp: 172725

Ion Ratio Lower Upper

56	100		
69	29.3	23.4	35.0
84	80.5	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 24.132 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

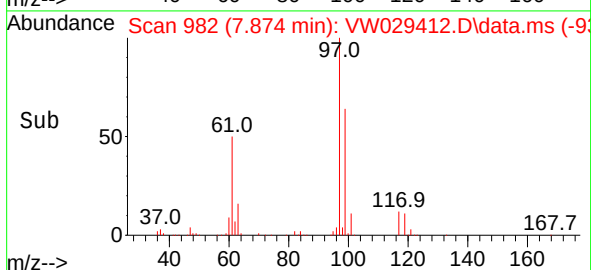
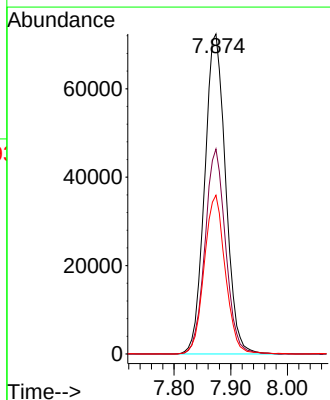
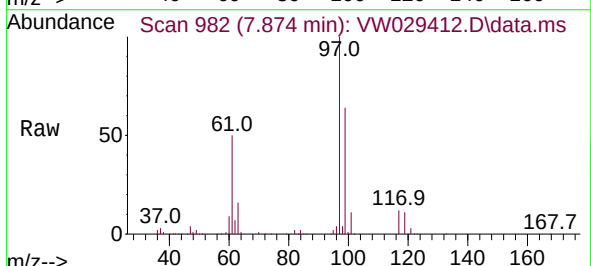
Lab File: VW029412.D

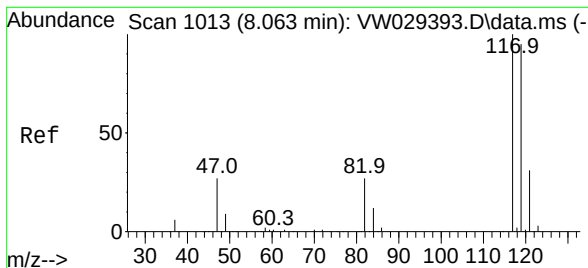
Acq: 28 Jun 2024 20:46

Tgt Ion: 97 Resp: 186065

Ion Ratio Lower Upper

97	100		
99	62.8	53.0	79.4
61	49.9	43.0	64.4





#31

Carbon tetrachloride

Concen: 22.887 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

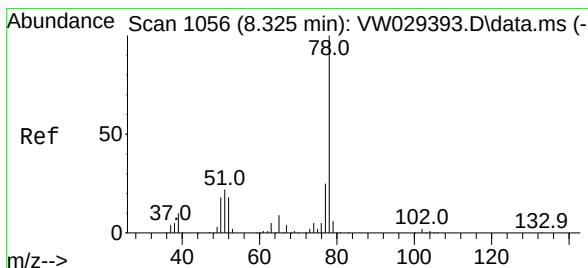
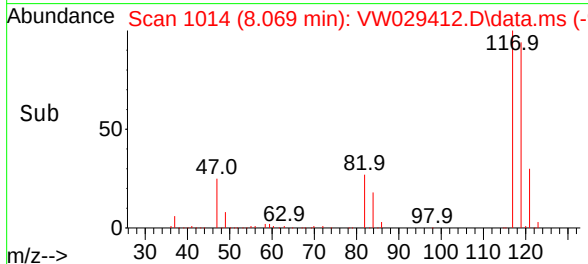
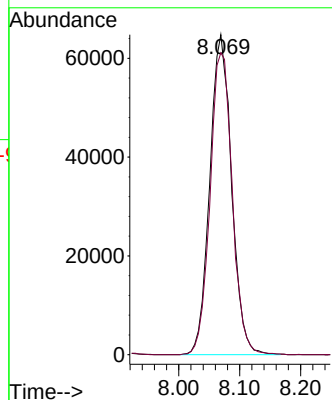
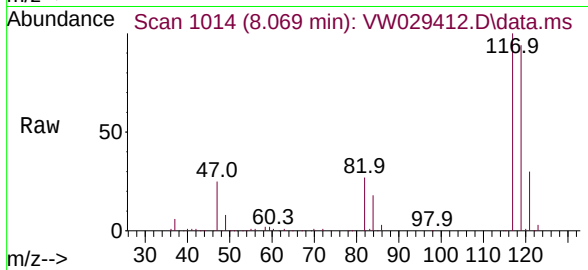
ClientSampleId :

Tgt Ion:117 Resp: 161202

Ion Ratio Lower Upper

117 100

119 95.8 79.0 118.4



#33

Benzene

Concen: 23.216 ug/L

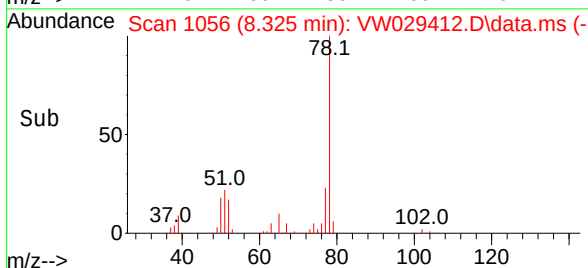
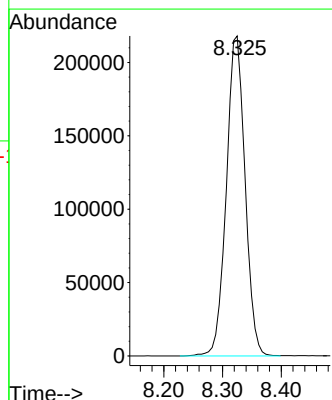
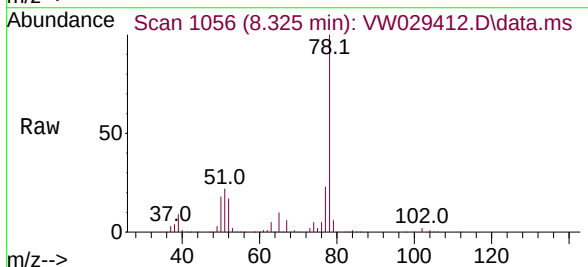
RT: 8.325 min Scan# 1056

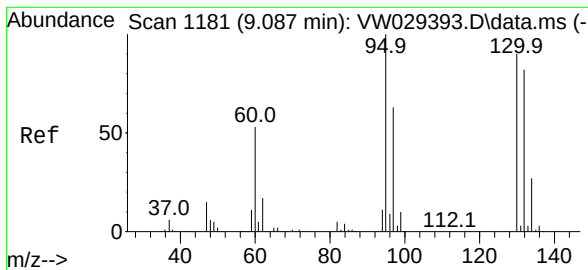
Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Tgt Ion: 78 Resp: 483684





#34

Trichloroethene

Concen: 22.659 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 125946

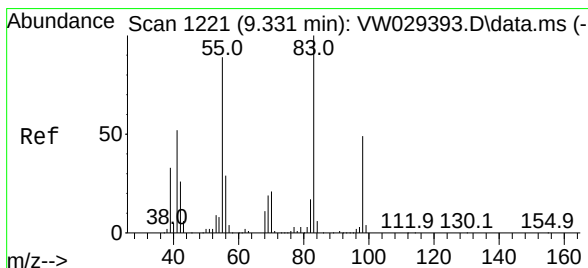
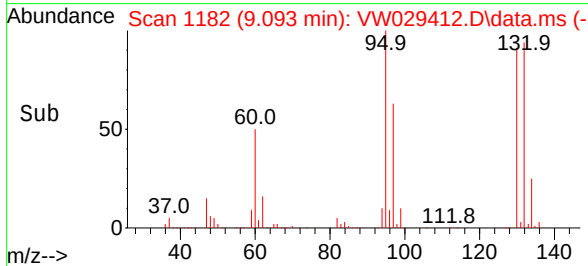
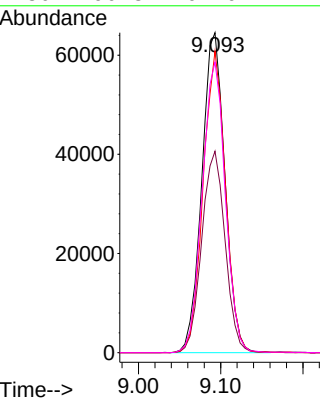
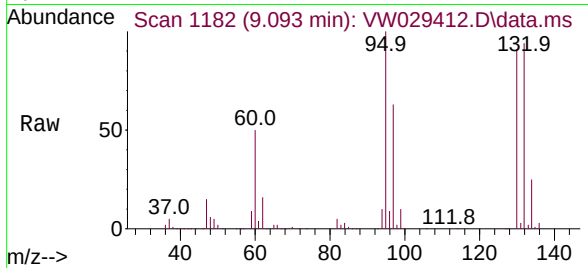
Ion Ratio Lower Upper

95 100

97 63.0 45.7 84.9

132 94.1 66.4 123.4

130 90.8 61.6 114.4



#35

Methylcyclohexane

Concen: 18.998 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

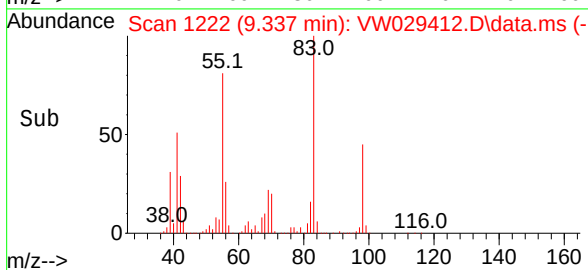
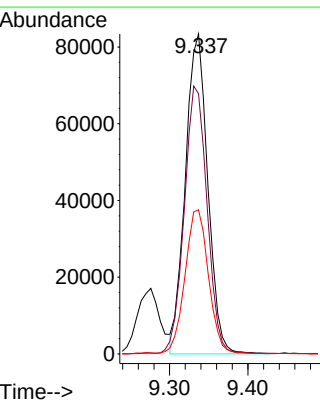
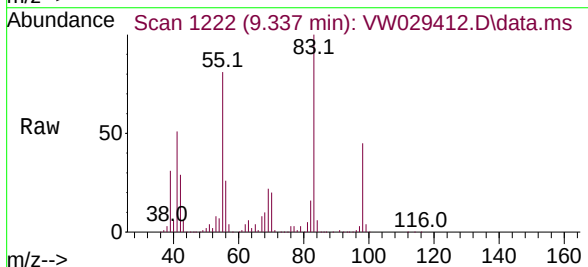
Tgt Ion: 83 Resp: 166070

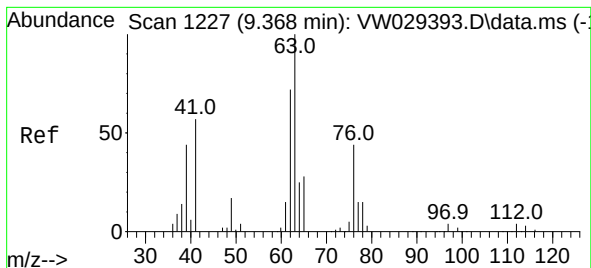
Ion Ratio Lower Upper

83 100

55 85.6 69.5 104.3

98 46.7 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.169 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

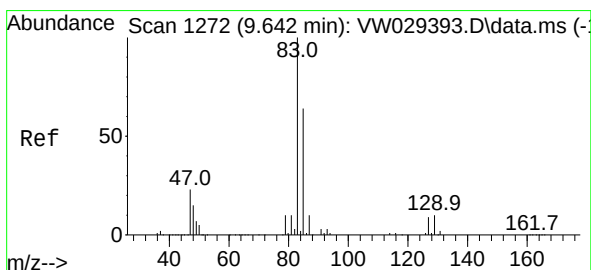
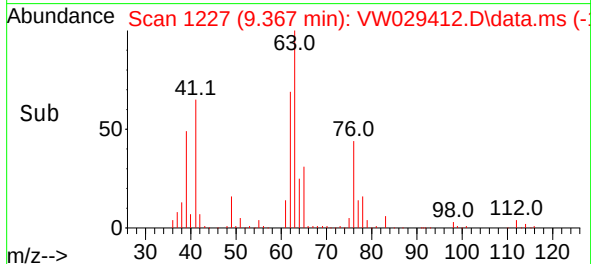
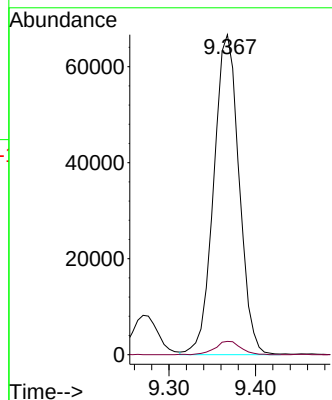
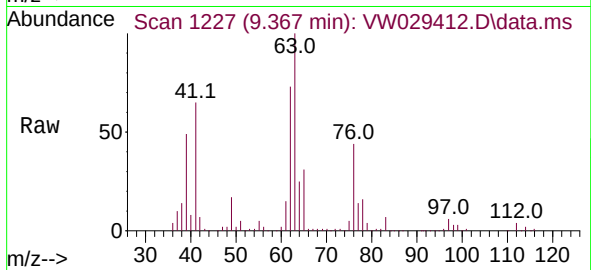
ClientSampleId :

Tgt Ion: 63 Resp: 135634

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 22.796 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

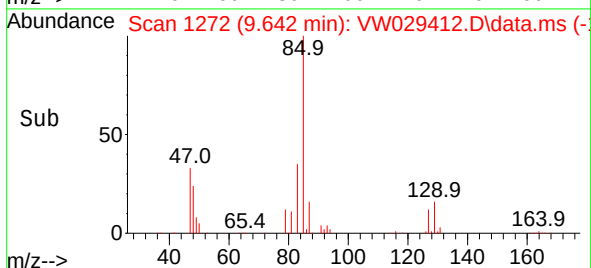
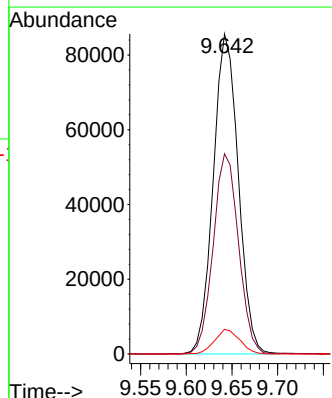
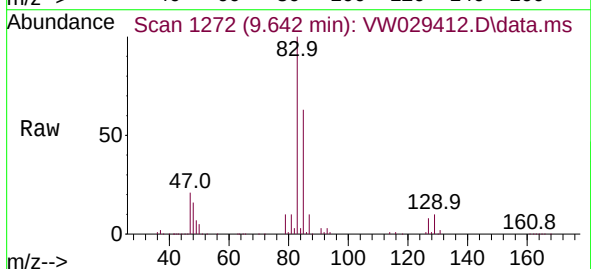
Tgt Ion: 83 Resp: 163171

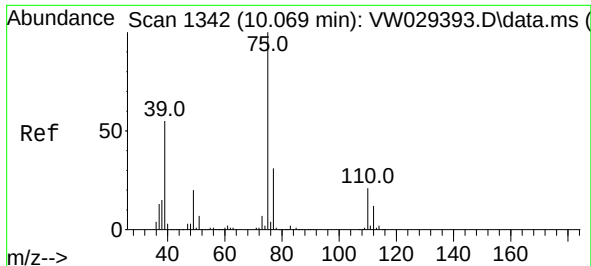
Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.9

127 7.7 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 20.638 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

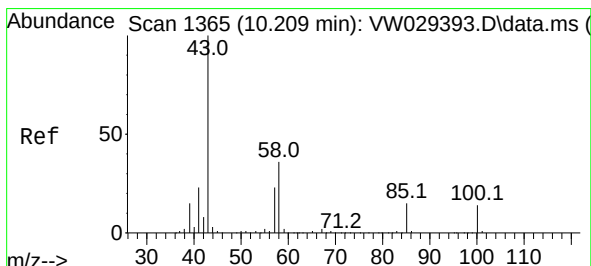
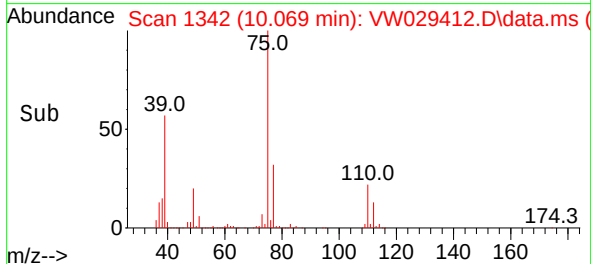
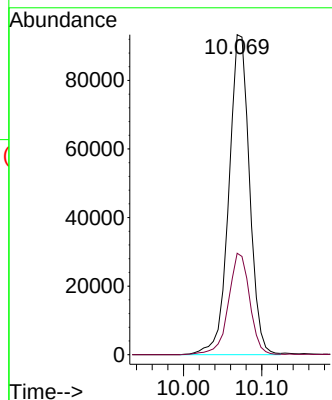
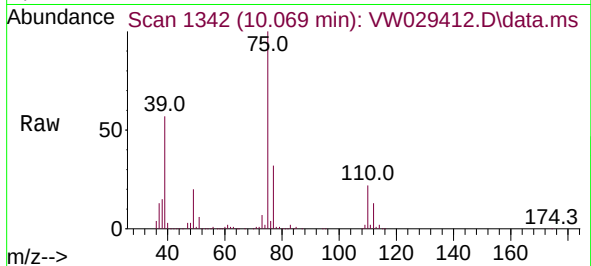
ClientSampleId :

Tgt Ion: 75 Resp: 170787

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 40.068 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

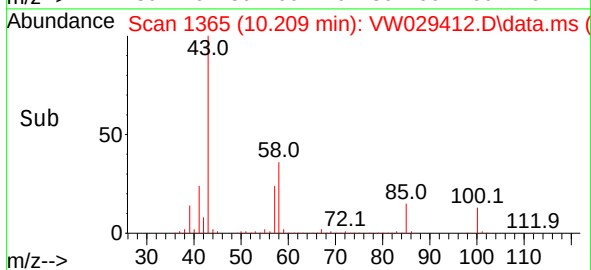
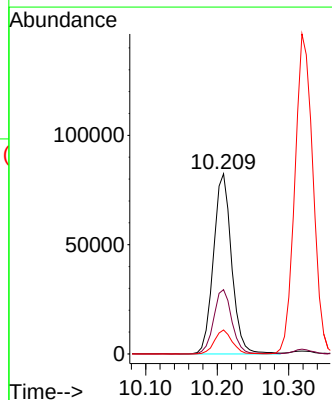
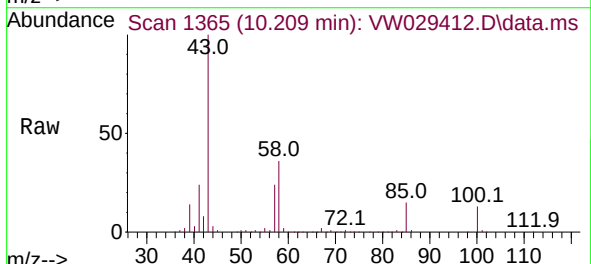
Tgt Ion: 43 Resp: 145387

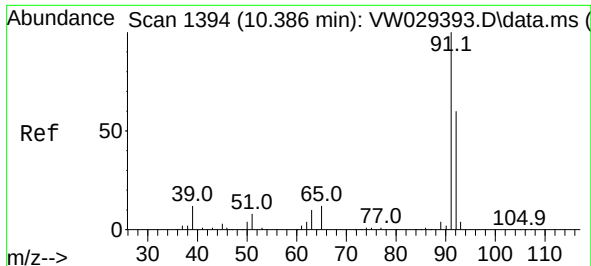
Ion Ratio Lower Upper

43 100

58 35.8 28.2 42.4

100 13.0 11.0 16.4





#42

Toluene

Concen: 23.001 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

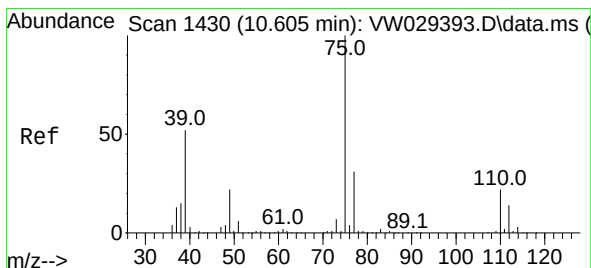
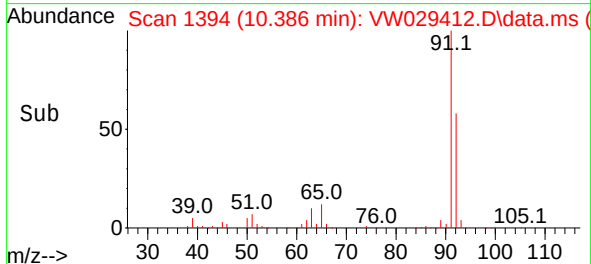
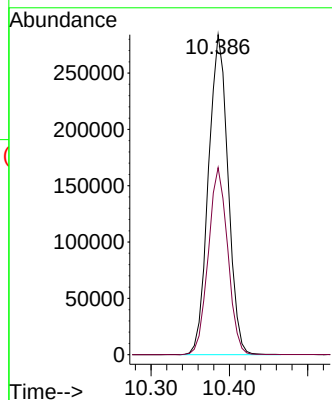
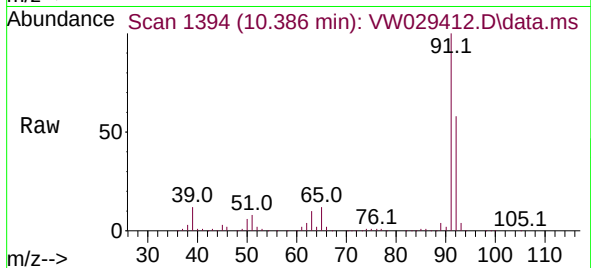
ClientSampleId :

Tgt Ion: 91 Resp: 492638

Ion Ratio Lower Upper

91 100

92 58.4 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 20.522 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029412.D

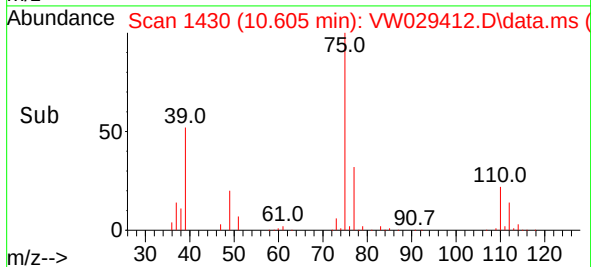
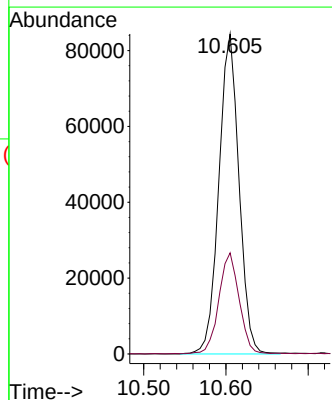
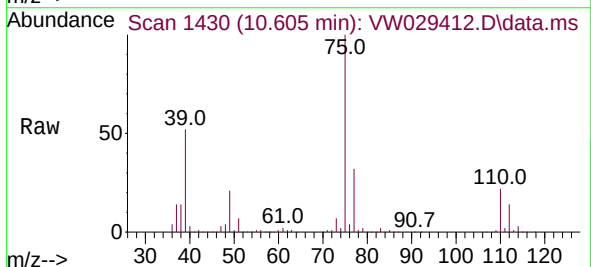
Acq: 28 Jun 2024 20:46

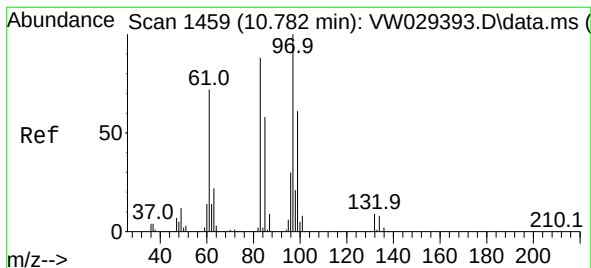
Tgt Ion: 75 Resp: 143400

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 21.475 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 87560

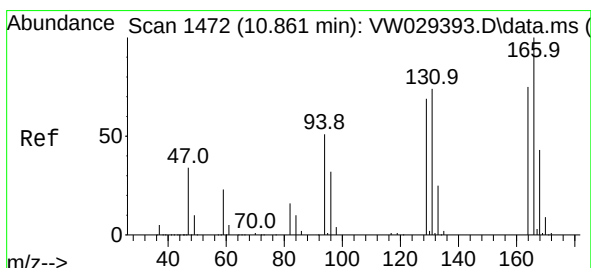
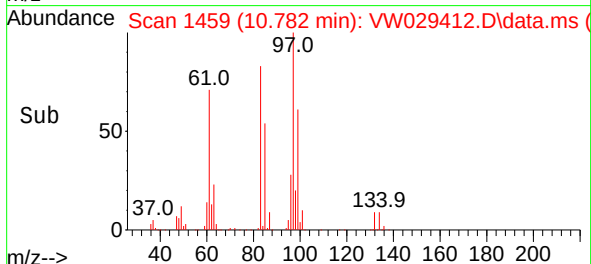
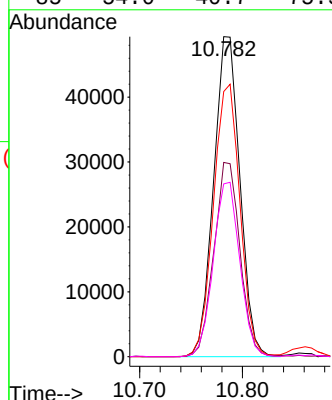
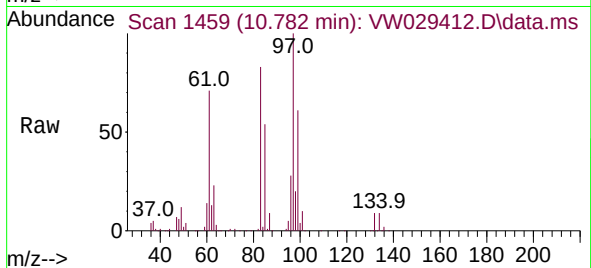
Ion Ratio Lower Upper

97 100

99 60.7 42.3 78.5

83 82.9 57.7 107.1

85 54.0 40.7 75.5



#46

Tetrachloroethene

Concen: 20.761 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Tgt Ion:164 Resp: 80666

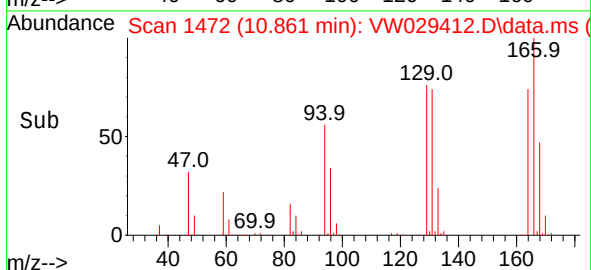
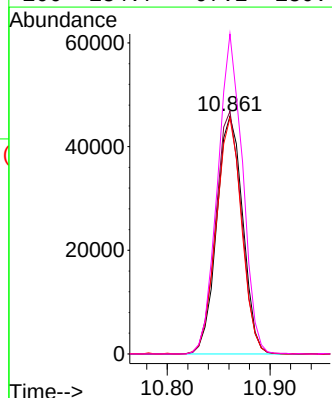
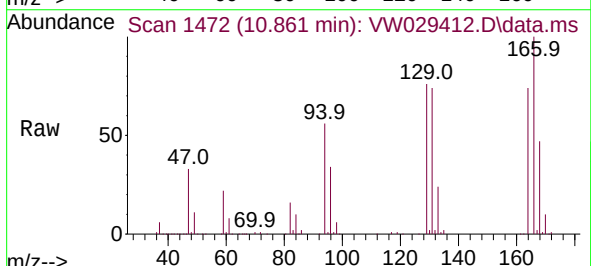
Ion Ratio Lower Upper

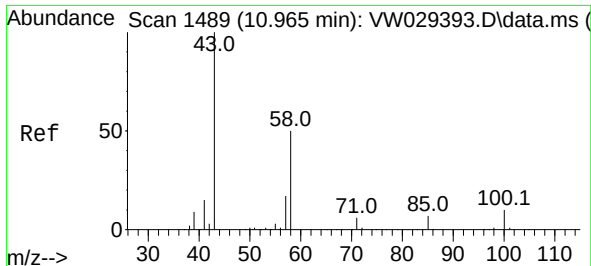
164 100

129 102.2 68.5 127.3

131 99.4 71.8 133.4

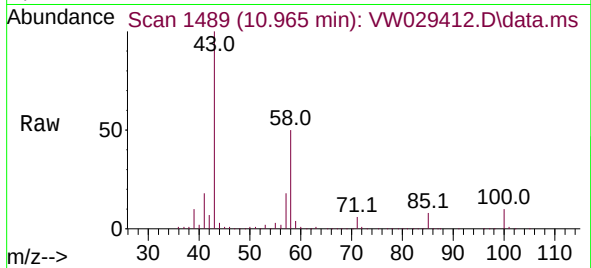
166 134.7 97.2 180.4



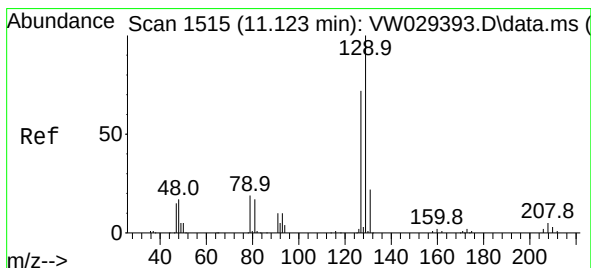
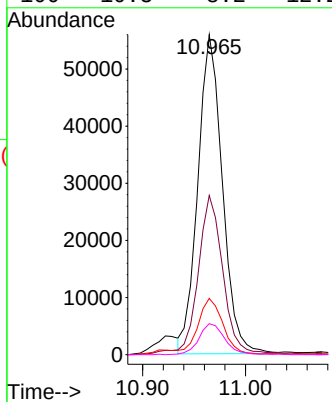
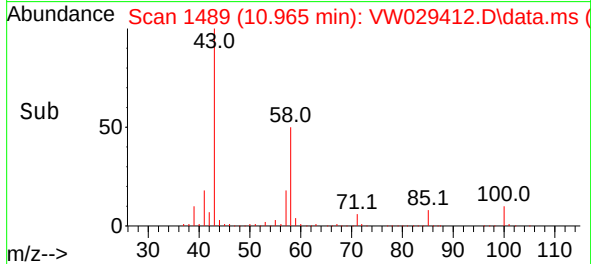


#48
2-Hexanone
Concen: 36.061 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Instrument :
MSVOA_W
ClientSampleId :

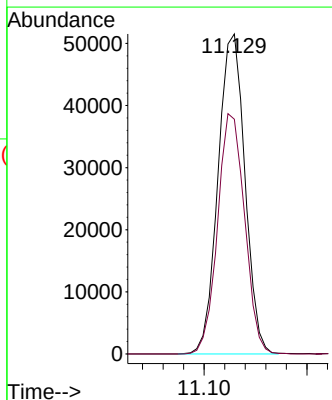
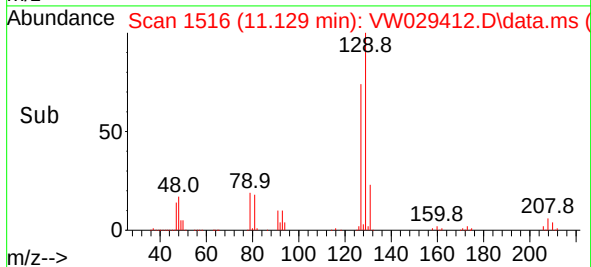
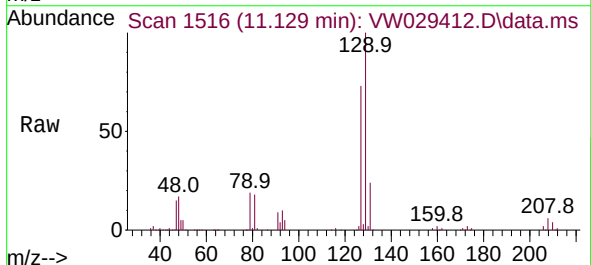


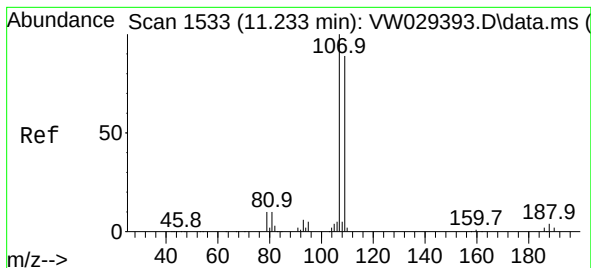
Tgt Ion:	43	Resp:	92845
Ion	Ratio	Lower	Upper
43	100		
58	49.6	39.6	59.4
57	17.9	14.6	21.8
100	10.3	8.2	12.2



#49
Dibromochloromethane
Concen: 21.939 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion:	129	Resp:	93505
Ion	Ratio	Lower	Upper
129	100		
127	73.4	54.8	101.8

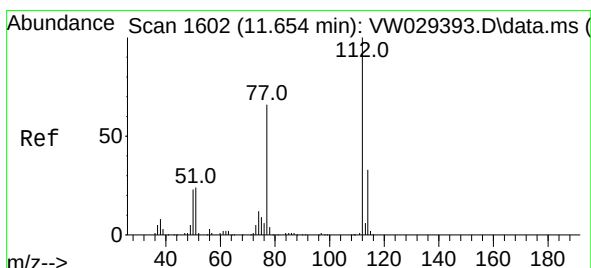
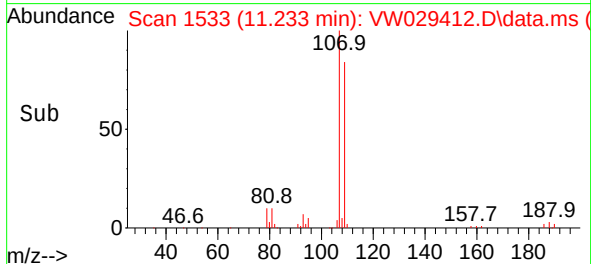
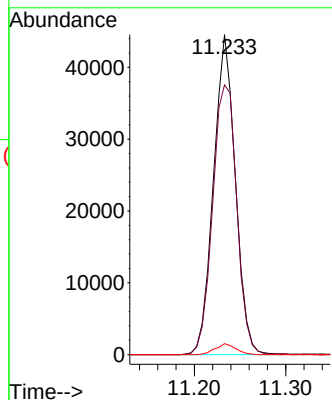
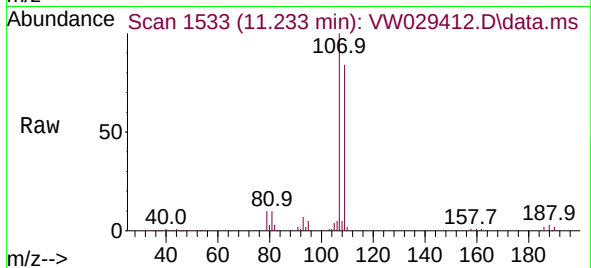




#50
1,2-Dibromoethane
Concen: 20.204 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

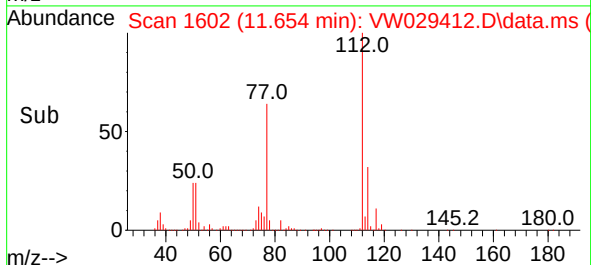
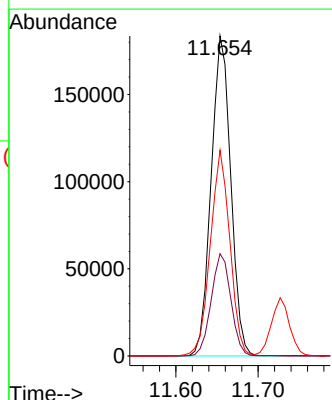
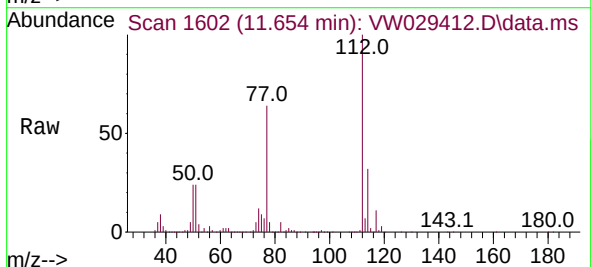
Instrument :
MSVOA_W
ClientSampleId :

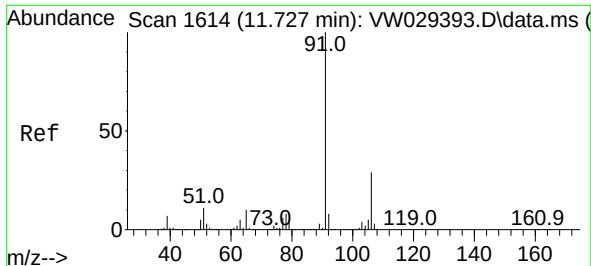
Tgt Ion:107 Resp: 73948
Ion Ratio Lower Upper
107 100
109 84.3 65.5 121.6
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 21.940 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion:112 Resp: 305145
Ion Ratio Lower Upper
112 100
114 32.0 22.6 42.0
77 64.3 51.0 76.6





#52

Ethylbenzene

Concen: 22.961 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

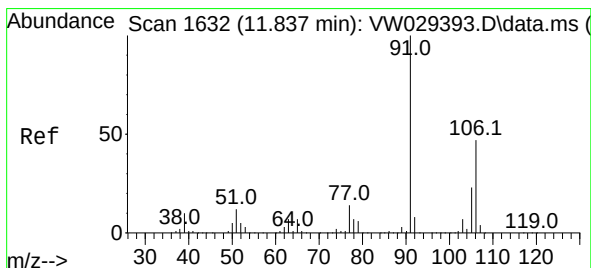
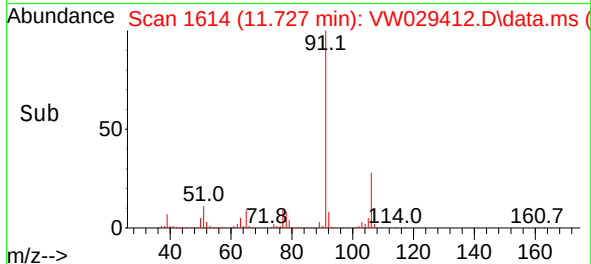
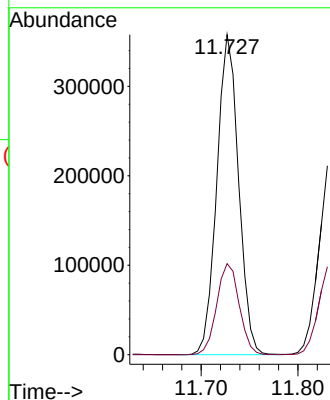
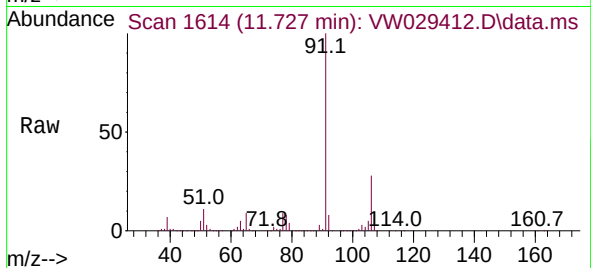
ClientSampleId :

Tgt Ion: 91 Resp: 558224

Ion Ratio Lower Upper

91 100

106 28.5 19.9 37.0



#53

m,p-Xylene

Concen: 22.860 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029412.D

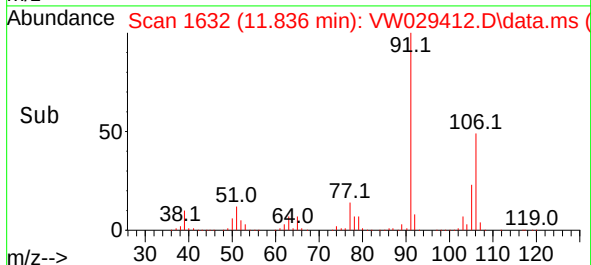
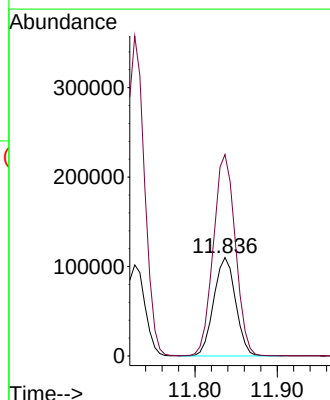
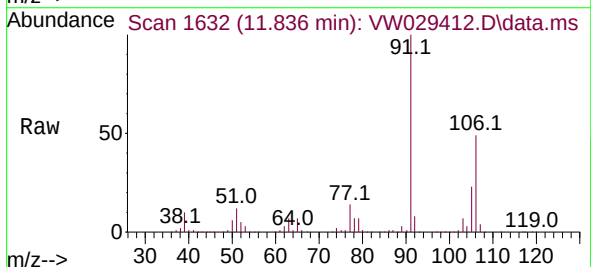
Acq: 28 Jun 2024 20:46

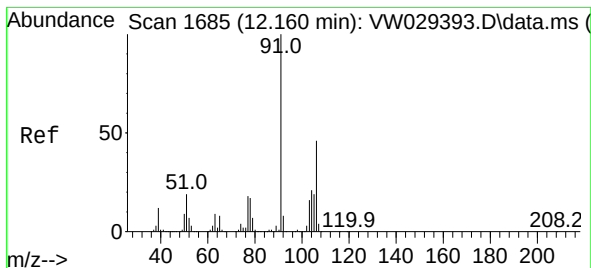
Tgt Ion:106 Resp: 203007

Ion Ratio Lower Upper

106 100

91 204.6 140.5 260.9





#54

o-Xylene

Concen: 23.360 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

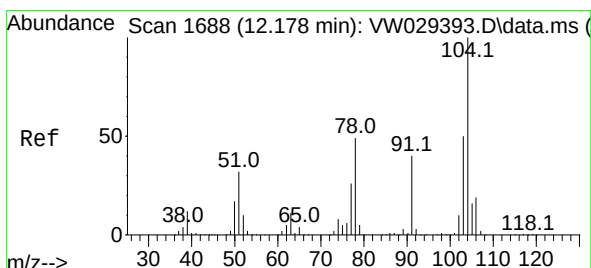
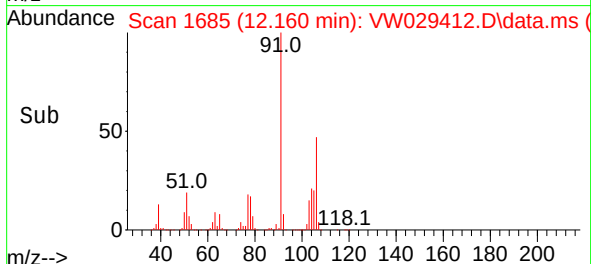
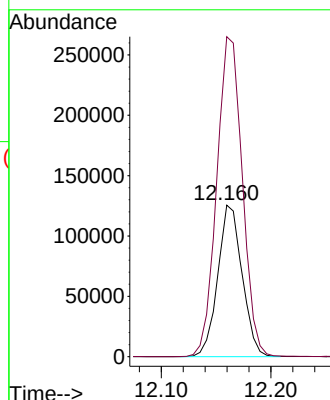
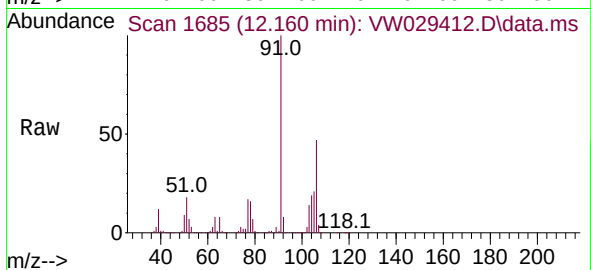
ClientSampleId :

Tgt Ion:106 Resp: 193877

Ion Ratio Lower Upper

106 100

91 211.1 149.9 278.5



#55

Styrene

Concen: 21.633 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029412.D

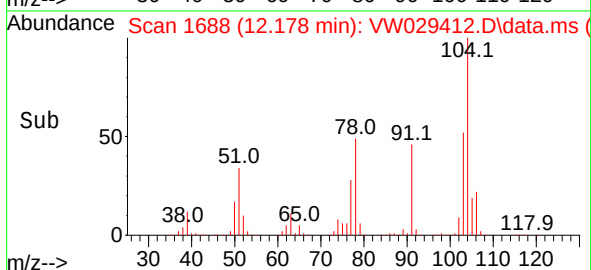
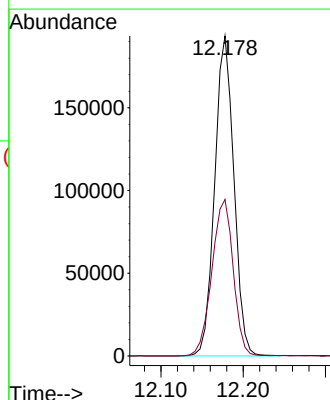
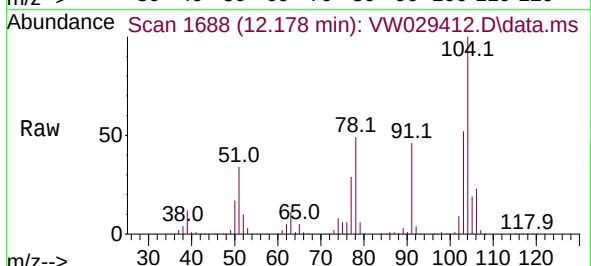
Acq: 28 Jun 2024 20:46

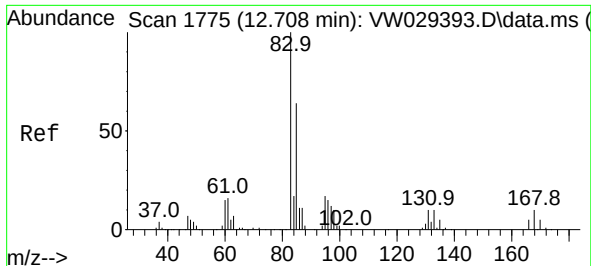
Tgt Ion:104 Resp: 313051

Ion Ratio Lower Upper

104 100

78 48.9 35.4 65.7

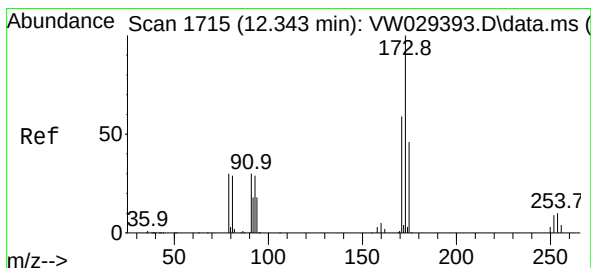
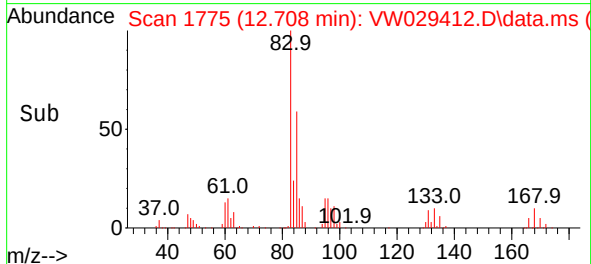
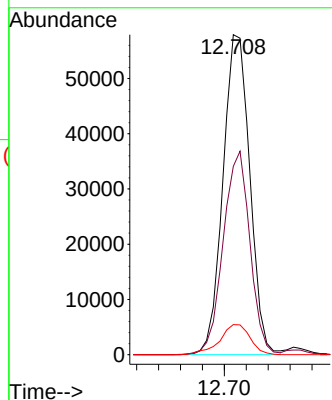
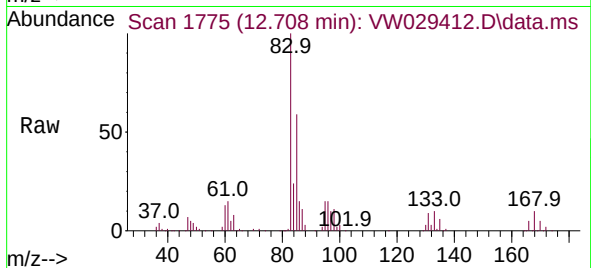




#57
1,1,2,2-Tetrachloroethane
Concen: 19.571 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

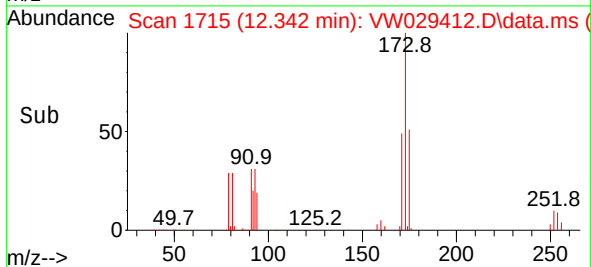
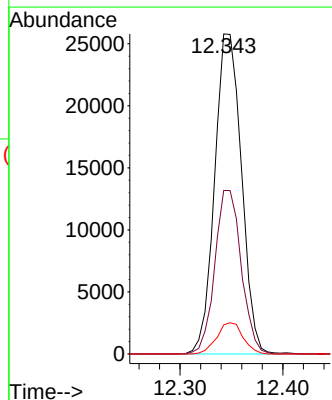
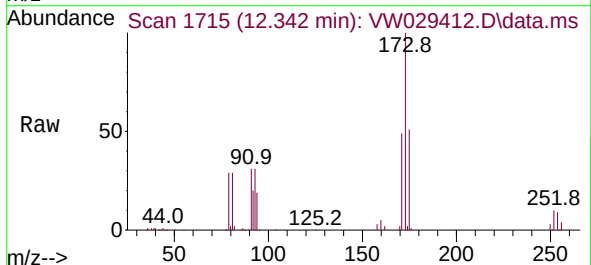
Instrument :
MSVOA_W
ClientSampleId :

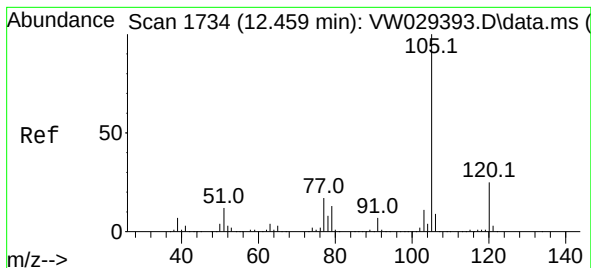
Tgt Ion: 83 Resp: 98707
Ion Ratio Lower Upper
83 100
85 58.9 45.8 85.0
131 9.4 7.8 11.6



#59
Bromoform
Concen: 23.894 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW029412.D
Acq: 28 Jun 2024 20:46

Tgt Ion:173 Resp: 46674
Ion Ratio Lower Upper
173 100
175 50.3 37.8 56.8
254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 27.257 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

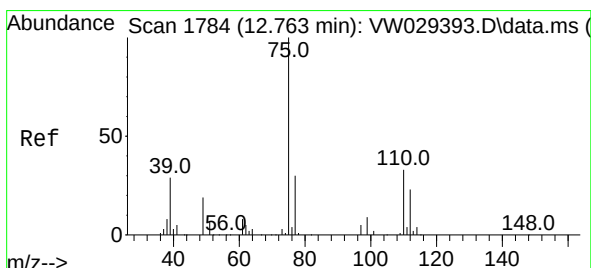
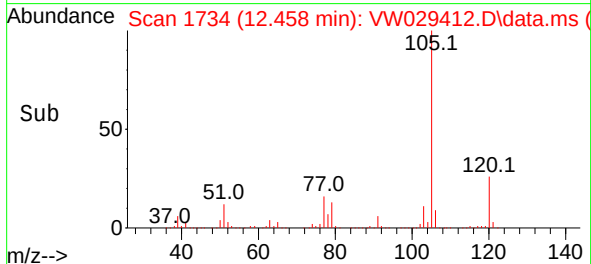
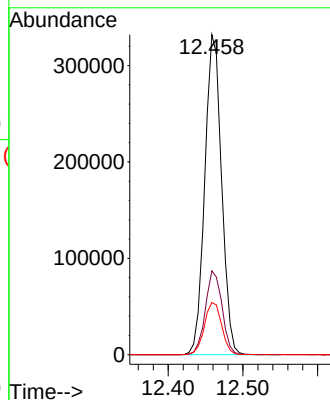
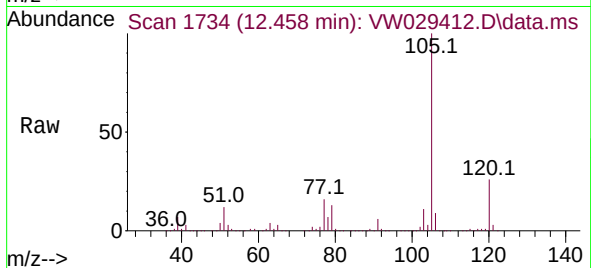
Tgt Ion:105 Resp: 517637

Ion Ratio Lower Upper

105 100

120 26.0 20.5 30.7

77 16.8 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 23.255 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

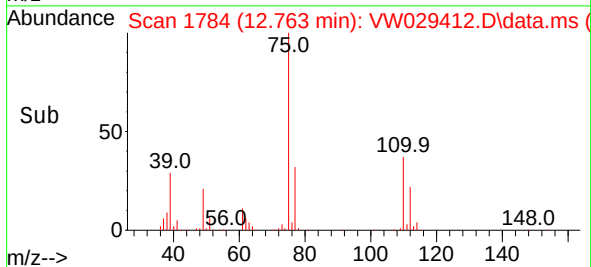
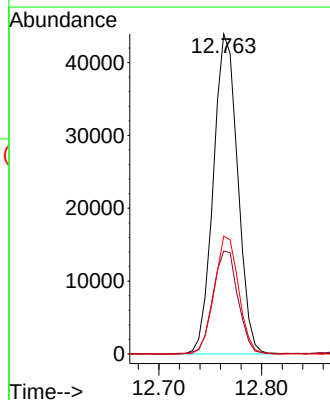
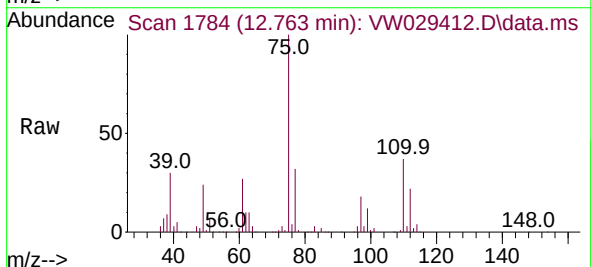
Tgt Ion: 75 Resp: 72294

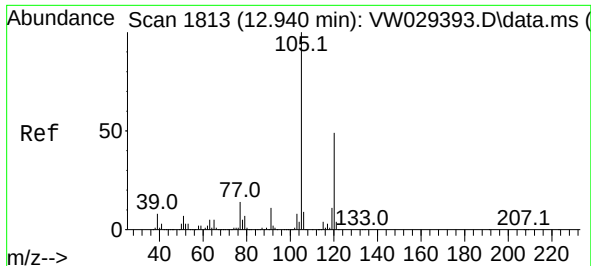
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 36.7 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.858 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

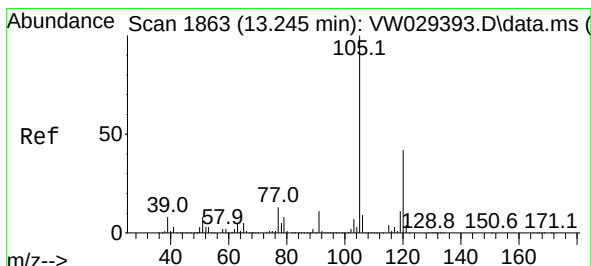
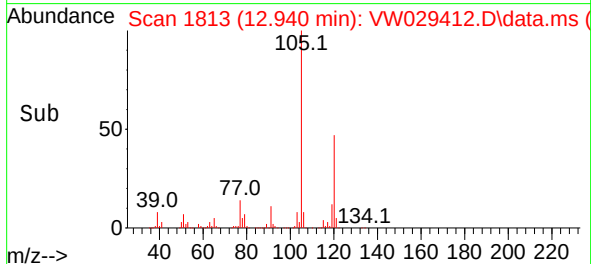
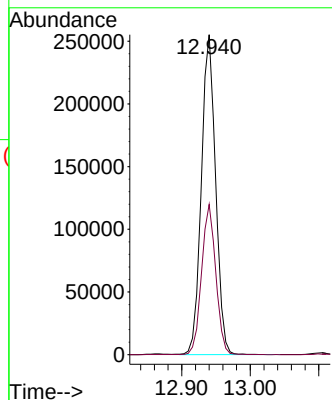
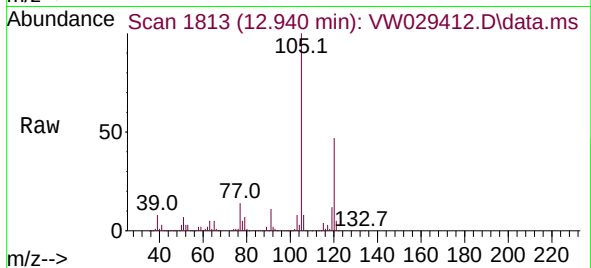
ClientSampleId :

Tgt Ion:105 Resp: 369397

Ion Ratio Lower Upper

105 100

120 46.6 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.582 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029412.D

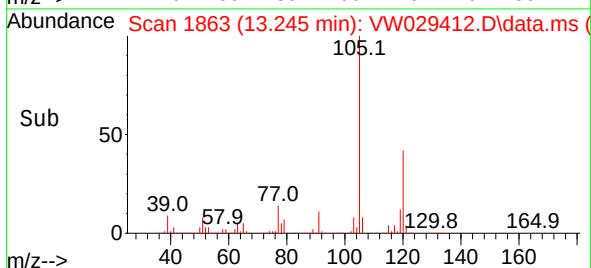
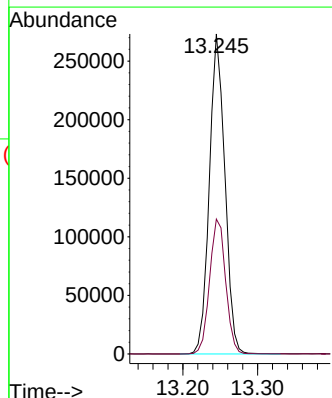
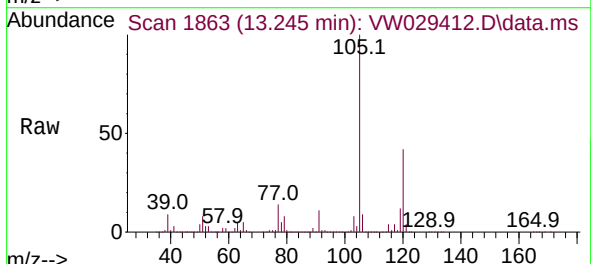
Acq: 28 Jun 2024 20:46

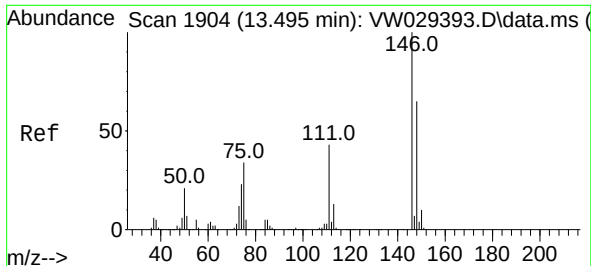
Tgt Ion:105 Resp: 393369

Ion Ratio Lower Upper

105 100

120 43.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 24.138 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

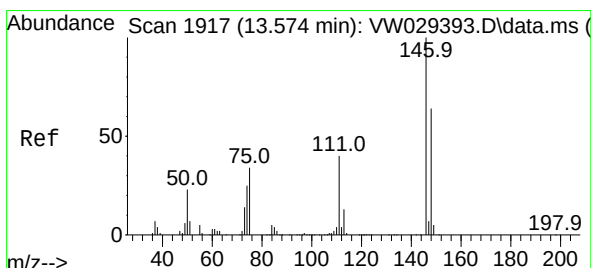
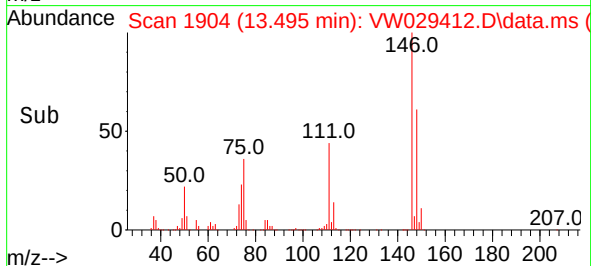
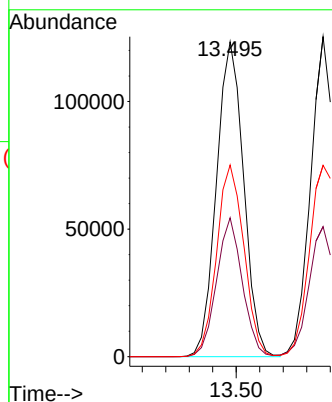
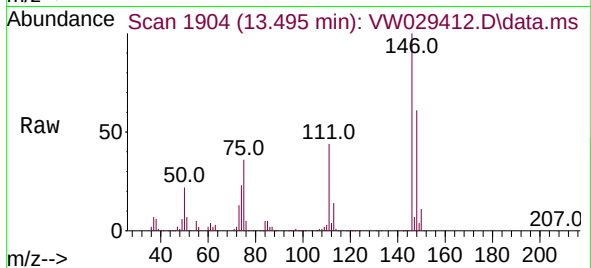
Tgt Ion:146 Resp: 198375

Ion Ratio Lower Upper

146 100

111 44.1 33.0 61.2

148 60.9 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 21.989 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

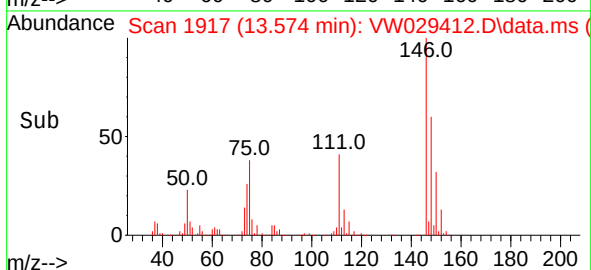
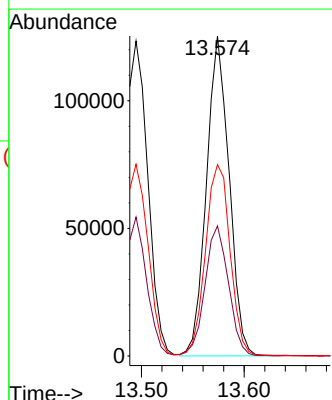
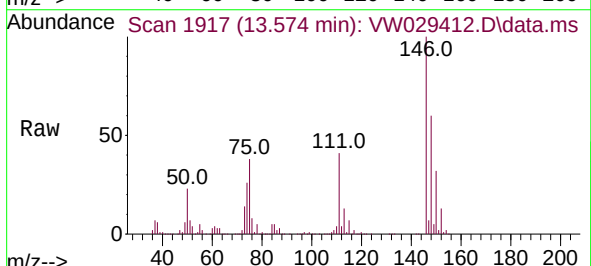
Tgt Ion:146 Resp: 192272

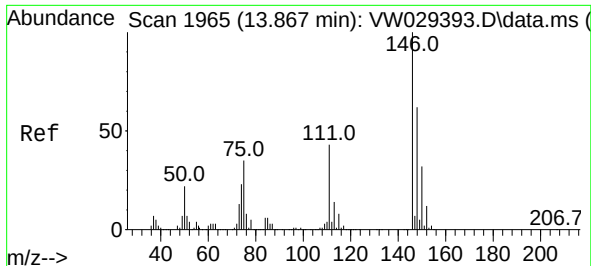
Ion Ratio Lower Upper

146 100

111 40.7 28.9 53.7

148 59.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 21.975 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

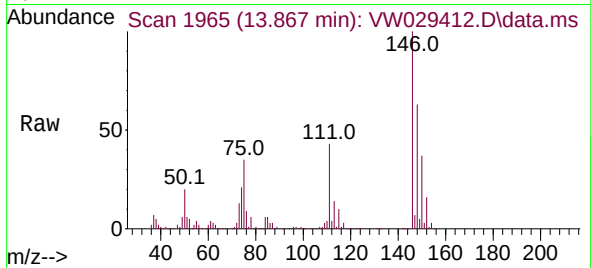
Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :



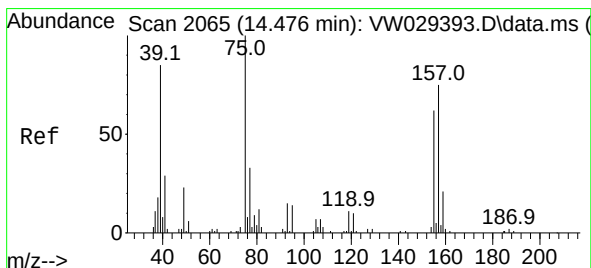
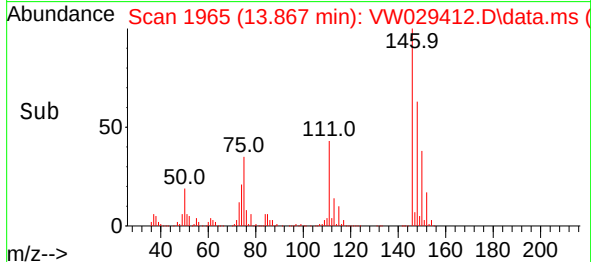
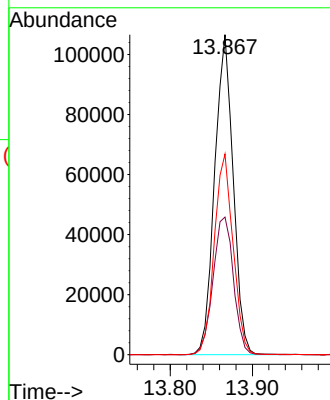
Tgt Ion:146 Resp: 166960

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.4

148 62.7 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.514 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

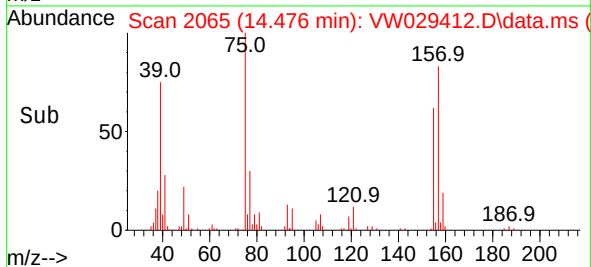
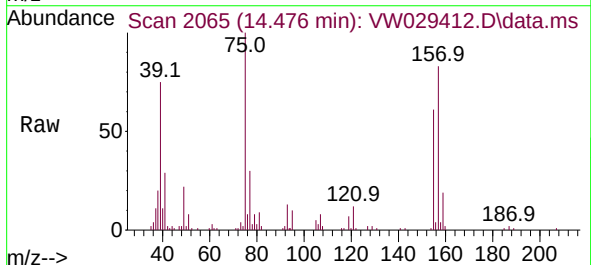
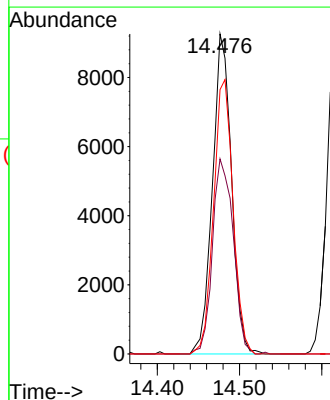
Tgt Ion: 75 Resp: 14882

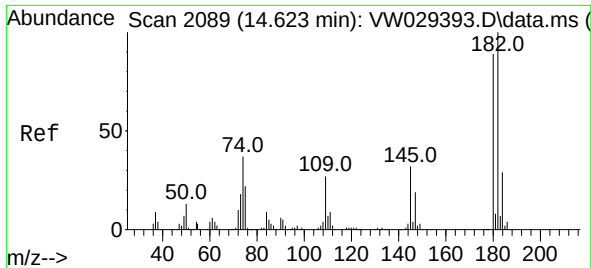
Ion Ratio Lower Upper

75 100

155 61.0 51.0 76.6

157 82.6 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 16.721 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

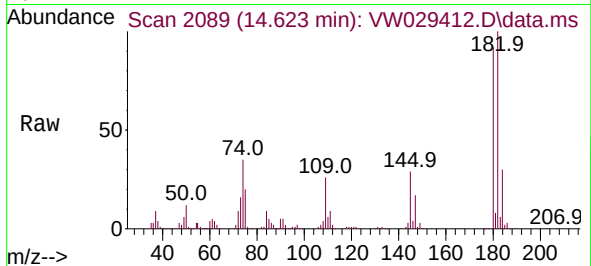
Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 92747

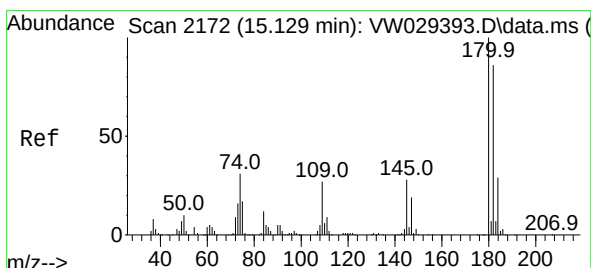
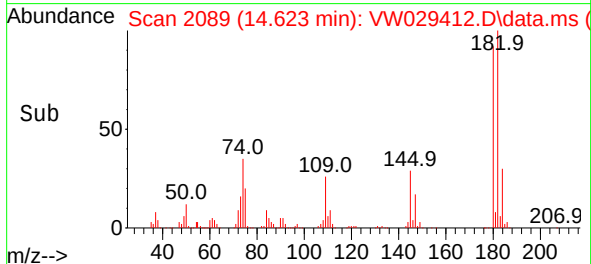
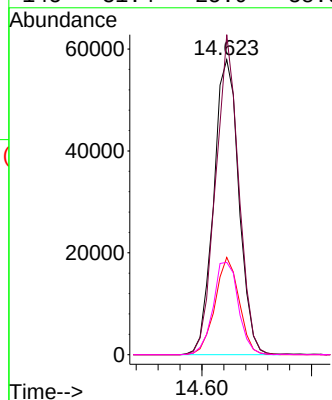
Ion Ratio Lower Upper

180 100

182 99.0 72.9 109.3

184 31.4 23.8 35.6

145 31.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 14.991 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

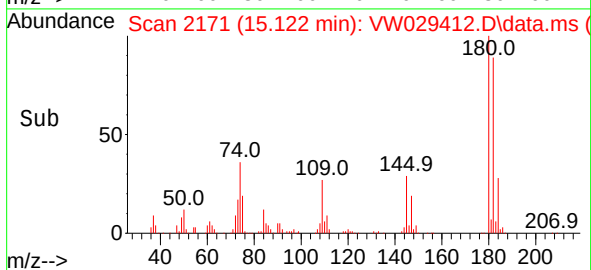
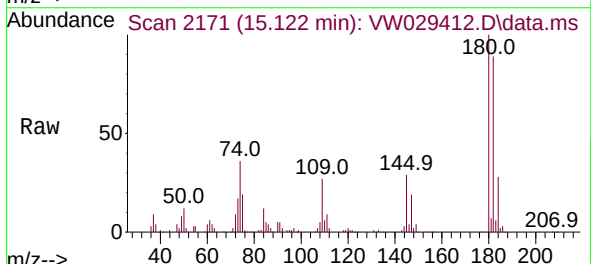
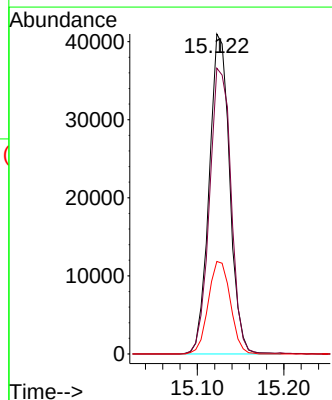
Tgt Ion:180 Resp: 67405

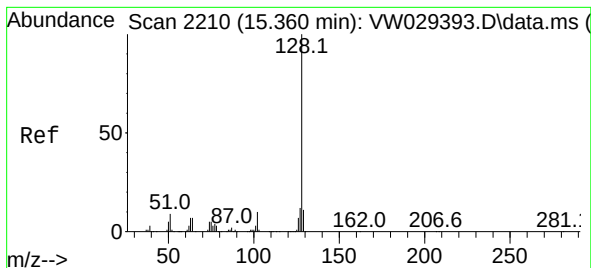
Ion Ratio Lower Upper

180 100

182 93.9 77.7 116.5

145 31.1 25.7 38.5





#71

Naphthalene

Concen: 16.223 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Instrument :

MSVOA_W

ClientSampleId :

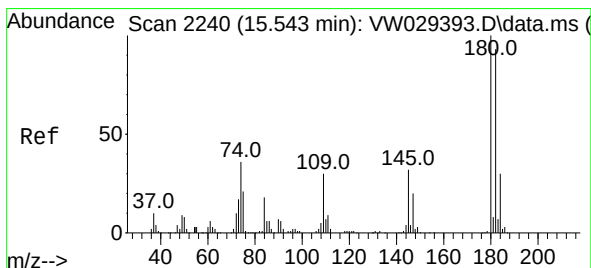
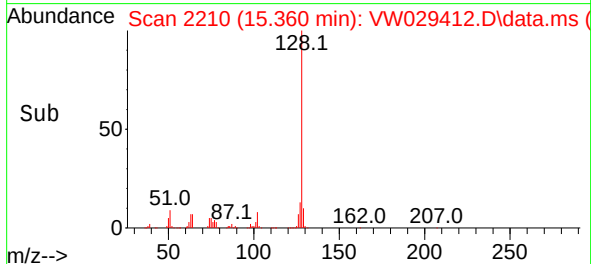
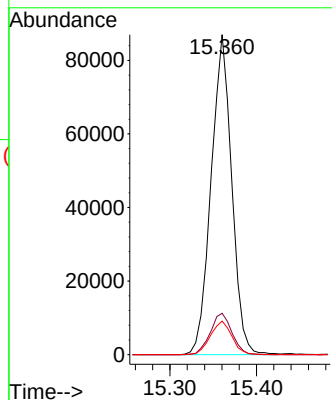
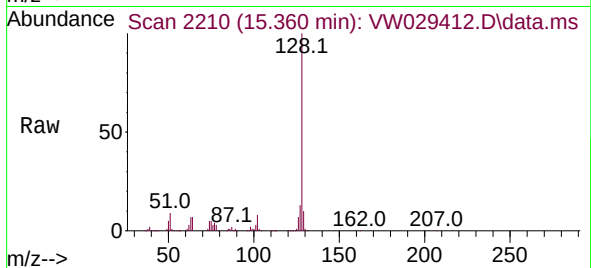
Tgt Ion:128 Resp: 143965

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 13.115 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029412.D

Acq: 28 Jun 2024 20:46

Tgt Ion:180 Resp: 53730

Ion Ratio Lower Upper

180 100

182 95.6 73.0 109.6

145 33.5 28.1 42.1

