

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051524\
 Data File : VW028598.D
 Acq On : 15 May 2024 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:13:35 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	8.837	114	293588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134780	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114413	20.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.899	69	94456	22.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.021	65	51102	21.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.075	46	62556	43.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.020%
24) Chloroform-d	7.648	84	230265	25.101	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	8.307	65	125310	23.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.440%
32) Benzene-d6	8.270	84	431803	23.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.270	67	131385	23.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.319	98	382042	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	10.575	79	52786	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.922	63	42348	44.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105128	22.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	122547	23.856	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	99085	23.224	ug/L	100
3) Chloromethane	2.223	50	119634	22.634	ug/L	96
5) Vinyl chloride	2.375	62	137622	23.127	ug/L	99
6) Bromomethane	2.789	94	80387	23.352	ug/L	99
8) Chloroethane	2.936	64	81914	24.137	ug/L	100
9) Trichlorofluoromethane	3.271	101	113443	23.221	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	100701	22.357	ug/L	93
12) 1,1-Dichloroethene	4.045	96	96458	23.873	ug/L	95
13) Acetone	4.119	43	68182	51.529	ug/L	99
14) Carbon disulfide	4.393	76	314967	23.065	ug/L	99
15) Methyl Acetate	4.667	43	48401	21.025	ug/L	100
16) Methylene chloride	4.923	84	103438	22.781	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	101339	24.090	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	145431	23.427	ug/L	98
19) 1,1-Dichloroethane	6.216	63	206181	24.717	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	111996	25.439	ug/L	92
22) 2-Butanone	7.167	43	77860	45.844	ug/L	100
23) Bromochloromethane	7.514	128	46804	24.372	ug/L	93
25) Chloroform	7.679	83	201061	24.920	ug/L	95

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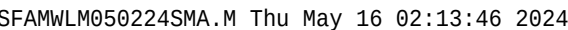
Instrument :
 MSVOA_W
 ClientSampleId :

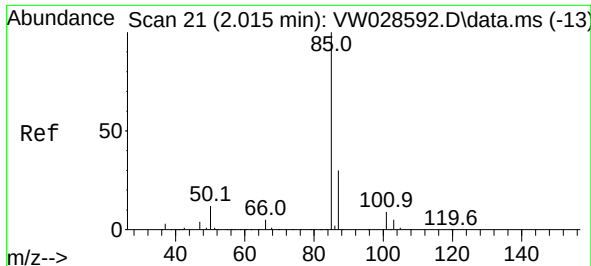
Quant Time: May 16 02:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144959	24.716	ug/L	98
29) Cyclohexane	7.959	56	184383	23.615	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	170565	24.856	ug/L	99
31) Carbon tetrachloride	8.069	117	153808	24.583	ug/L	99
33) Benzene	8.325	78	437500	24.638	ug/L	100
34) Trichloroethene	9.093	95	114946	24.144	ug/L	97
35) Methylcyclohexane	9.337	83	202304	24.315	ug/L	99
37) 1,2-Dichloropropane	9.368	63	115807	25.028	ug/L	100
38) Bromodichloromethane	9.642	83	142789	25.316	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	172599	26.025	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	140318	44.557	ug/L	99
42) Toluene	10.386	91	456418	24.886	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	143594	25.680	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	80816	24.111	ug/L	98
46) Tetrachloroethene	10.861	164	80868	23.576	ug/L	97
48) 2-Hexanone	10.965	43	112494	50.598	ug/L	98
49) Dibromochloromethane	11.129	129	83608	24.868	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74064	23.588	ug/L	97
51) Chlorobenzene	11.654	112	286825	25.283	ug/L	99
52) Ethylbenzene	11.727	91	533463	25.702	ug/L	96
53) m,p-Xylene	11.837	106	193917	25.488	ug/L	96
54) o-Xylene	12.160	106	184317	26.187	ug/L	100
55) Styrene	12.178	104	325598	27.301	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	94829	22.550	ug/L	95
59) Bromoform	12.349	173	45314	23.045	ug/L	99
60) Isopropylbenzene	12.458	105	523313	25.592	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71313	21.894	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	385723	26.661	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	404308	25.937	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	216360	25.435	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	218630	25.139	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	191815	25.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15636	20.531	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	142097	24.894	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	114773	24.885	ug/L	94
71) Naphthalene	15.360	128	227181	23.119	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	102204	24.558	ug/L	97

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

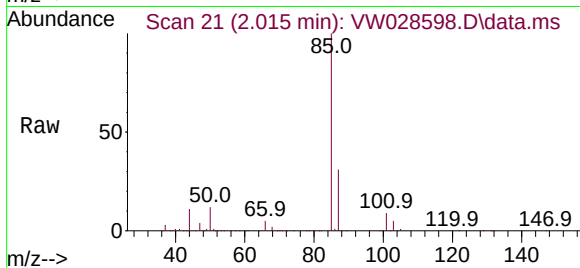
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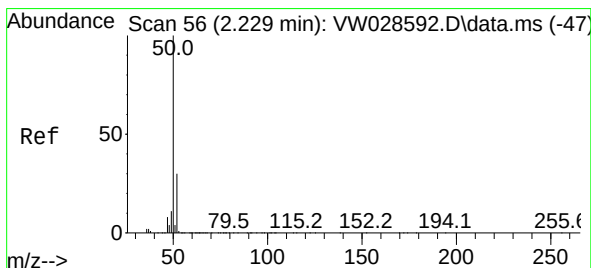
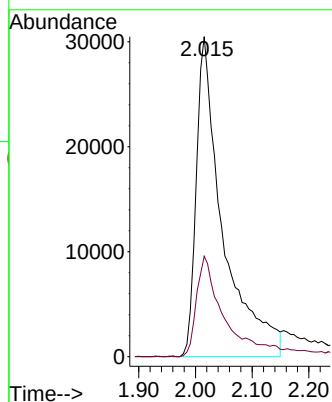
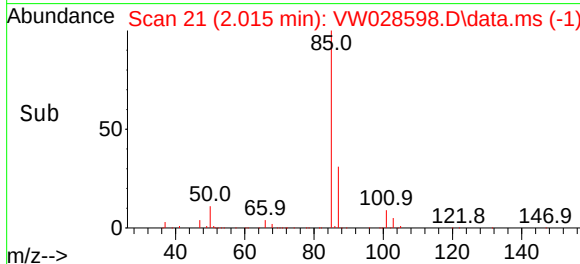


#2
 Dichlorodifluoromethane
 Concen: 23.224 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028598.D
 Acq: 15 May 2024 09:22

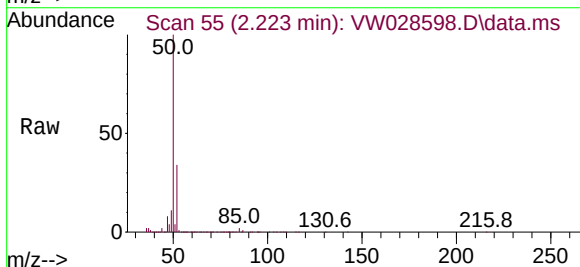
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 MSVOA_W
 ClientSampleId :



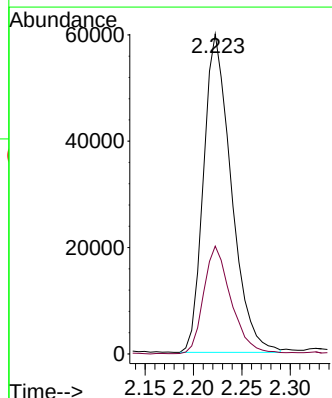
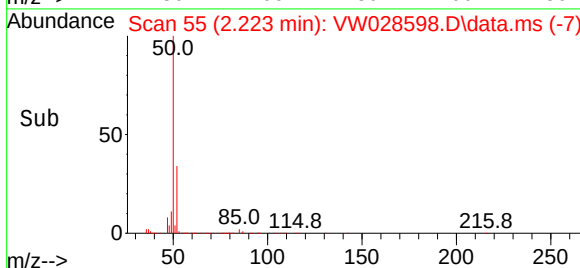
Tgt Ion: 85 Resp: 99085
 Ion Ratio Lower Upper
 85 100
 87 27.6 21.9 32.9

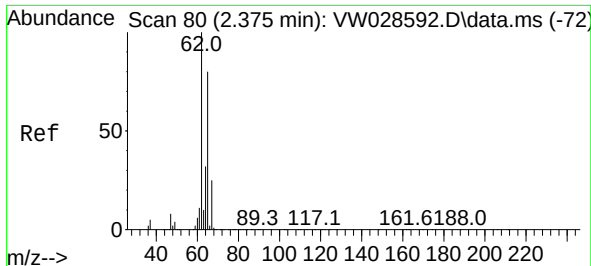


#3
 Chloromethane
 Concen: 22.634 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028598.D
 Acq: 15 May 2024 09:22



Tgt Ion: 50 Resp: 119634
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.0 41.0





#5

Vinyl chloride

Concen: 23.127 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

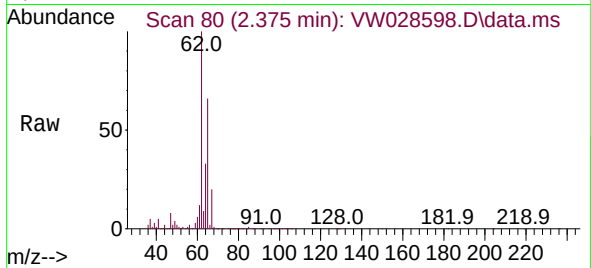
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Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

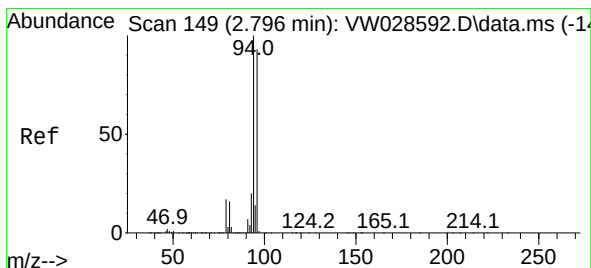
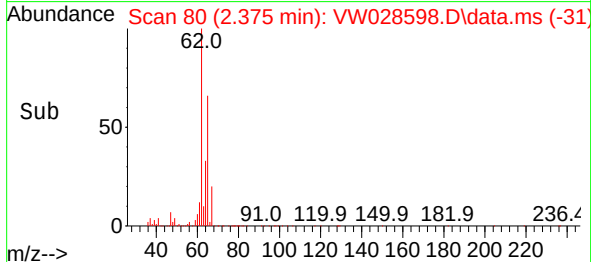
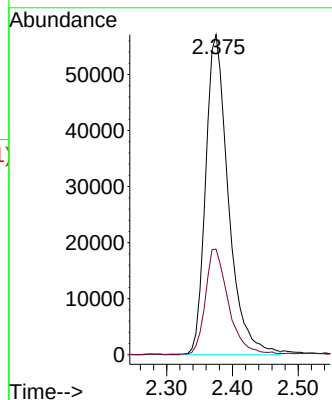


Tgt Ion: 62 Resp: 137622

Ion Ratio Lower Upper

62 100

64 33.0 23.3 43.3



#6

Bromomethane

Concen: 23.352 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028598.D

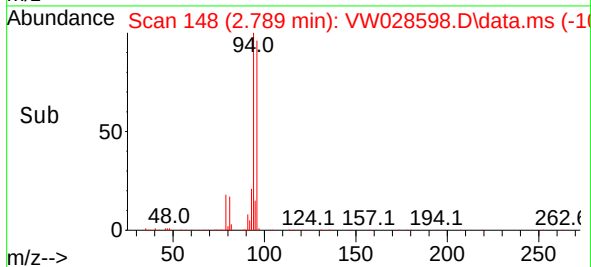
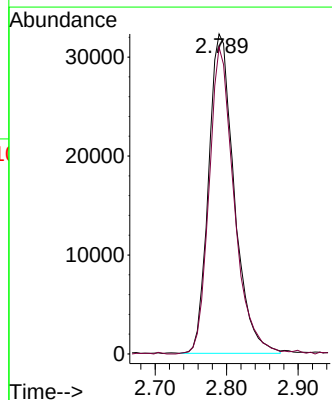
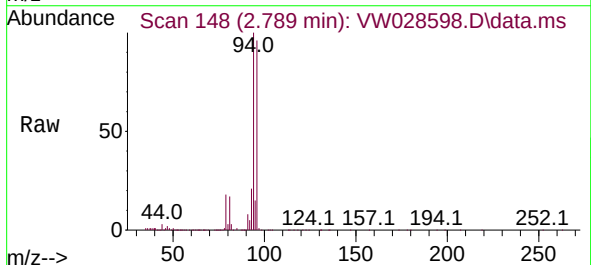
Acq: 15 May 2024 09:22

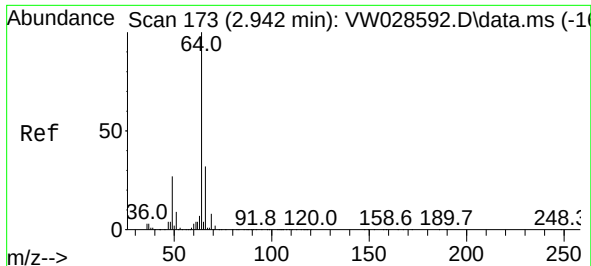
Tgt Ion: 94 Resp: 80387

Ion Ratio Lower Upper

94 100

96 95.8 66.3 123.1

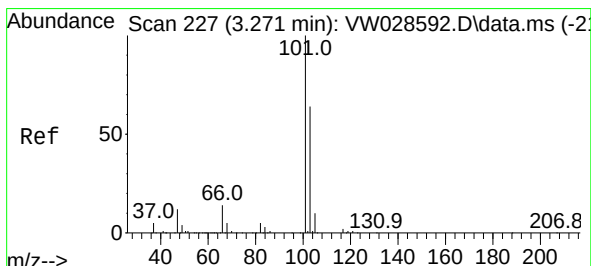
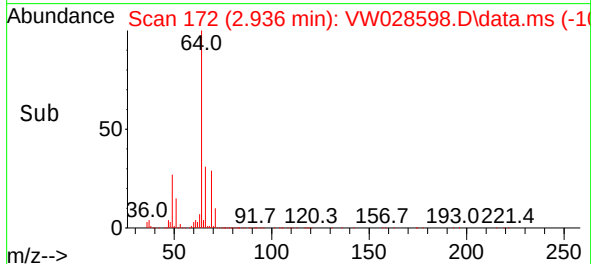
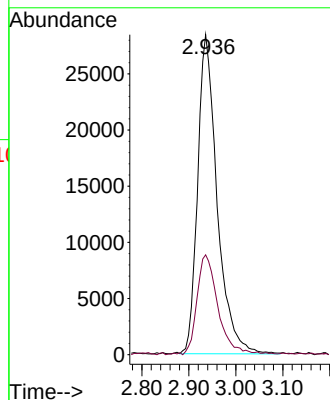
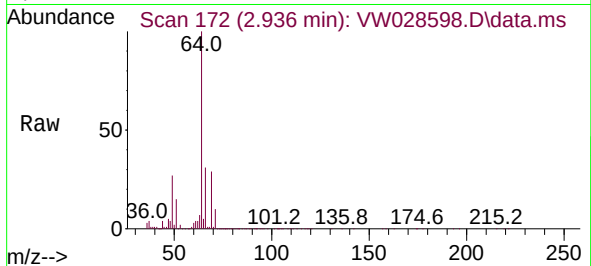




#8
Chloroethane
Concen: 24.137 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

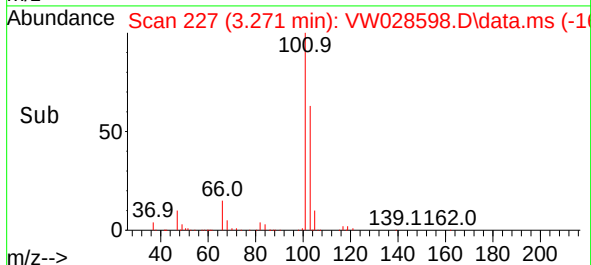
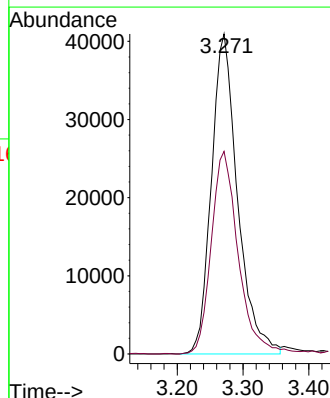
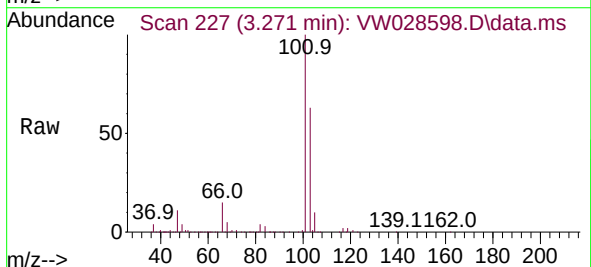
Instrument :
MSVOA_W
ClientSampleId :

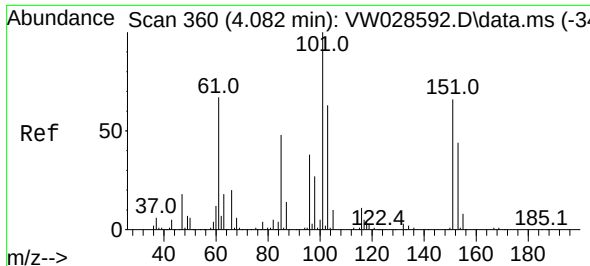
Tgt Ion: 64 Resp: 81914
Ion Ratio Lower Upper
64 100
66 31.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.221 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion:101 Resp: 113443
Ion Ratio Lower Upper
101 100
103 65.3 50.4 75.6





#10

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

Concen: 22.357 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

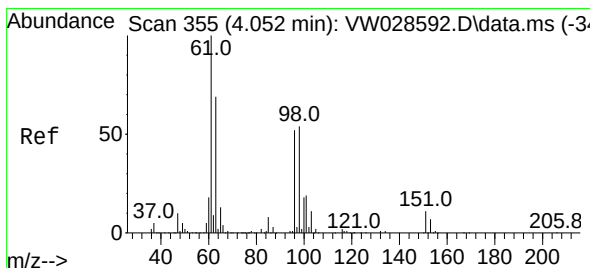
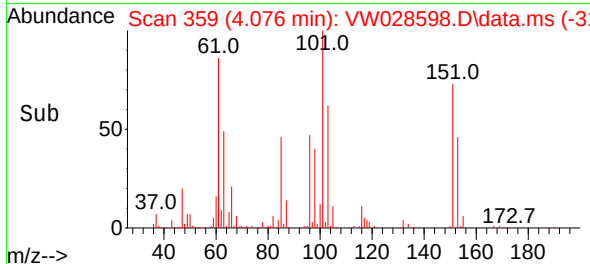
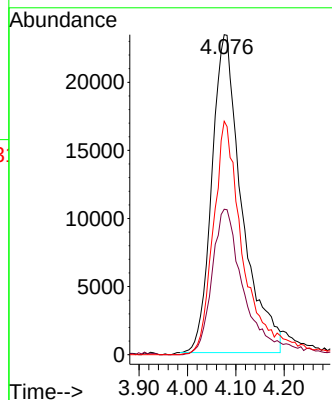
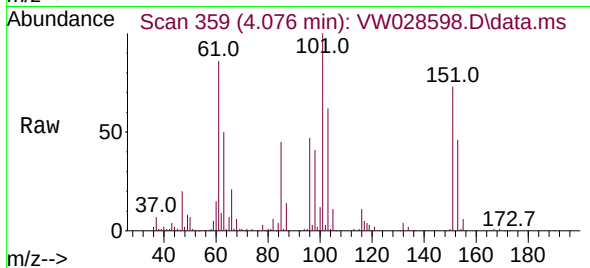
Tgt Ion:101 Resp: 100701

Ion Ratio Lower Upper

101 100

85 47.2 35.8 53.8

151 69.3 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.873 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

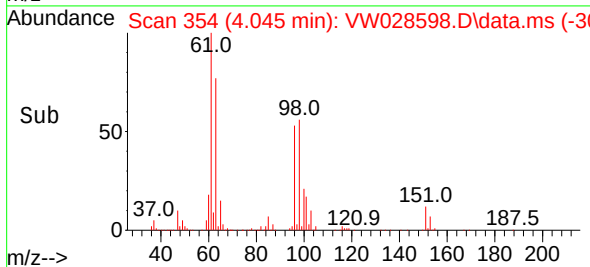
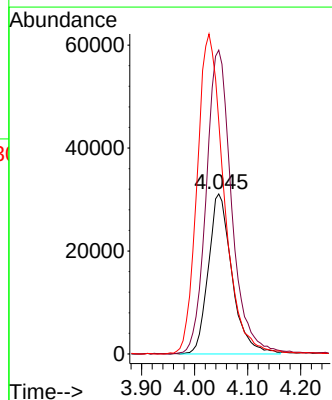
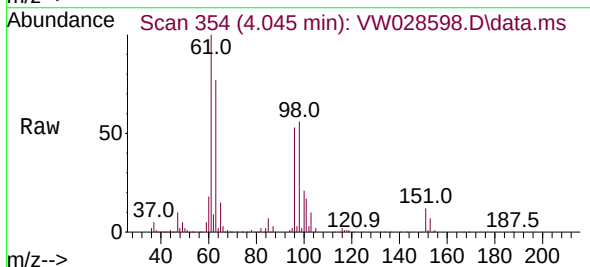
Tgt Ion: 96 Resp: 96458

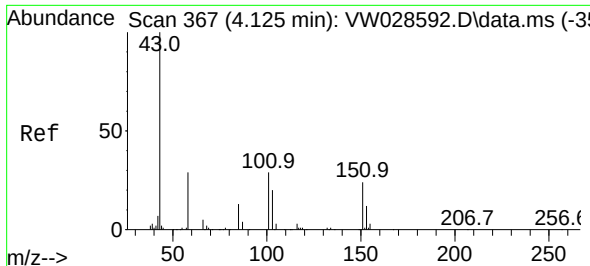
Ion Ratio Lower Upper

96 100

61 189.9 131.6 244.4

63 145.4 111.4 206.8

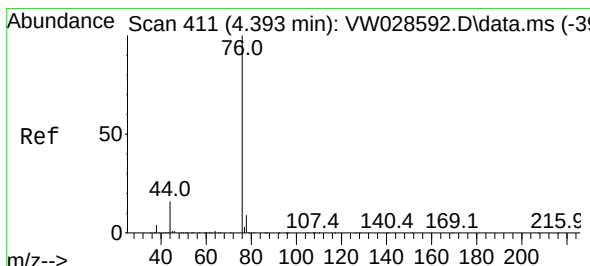
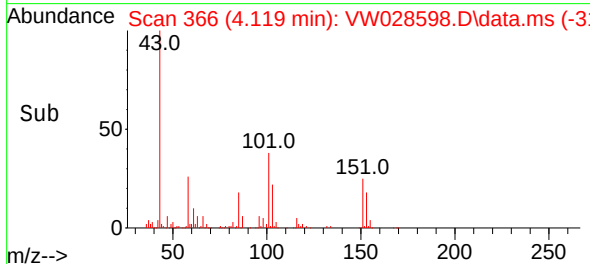
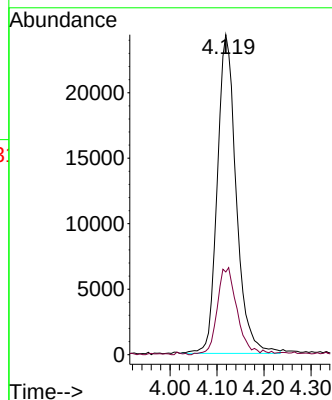
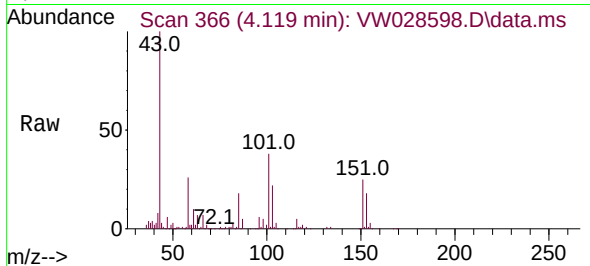




#13
Acetone
Concen: 51.529 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

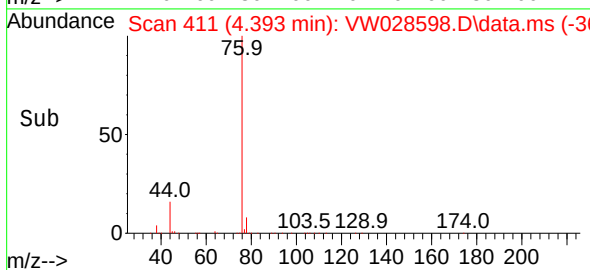
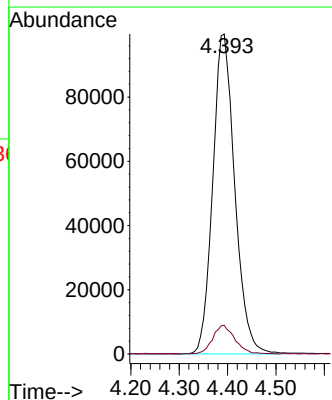
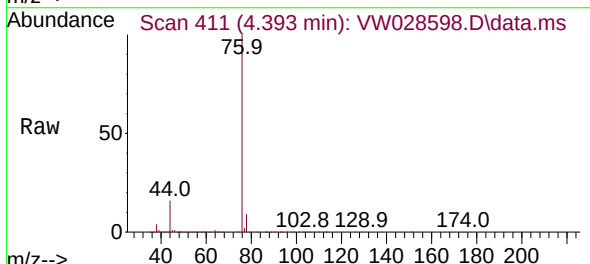
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MSVOA_W
ClientSampleId :

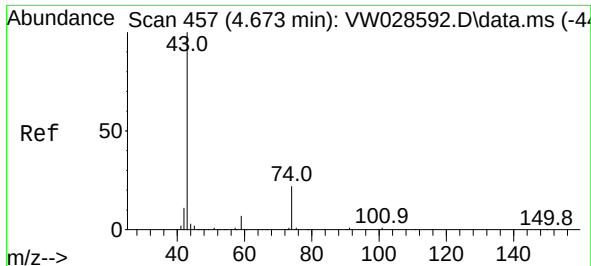
Tgt Ion: 43 Resp: 68182
Ion Ratio Lower Upper
43 100
58 27.9 0.0 54.4



#14
Carbon disulfide
Concen: 23.065 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion: 76 Resp: 314967
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

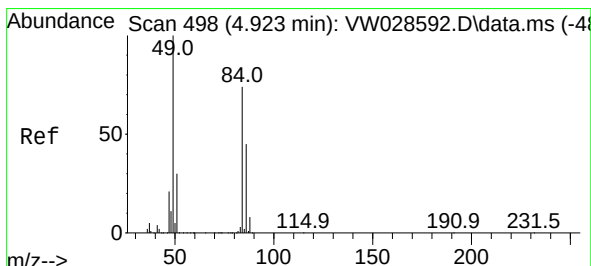
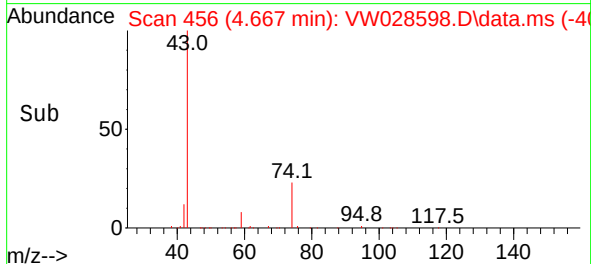
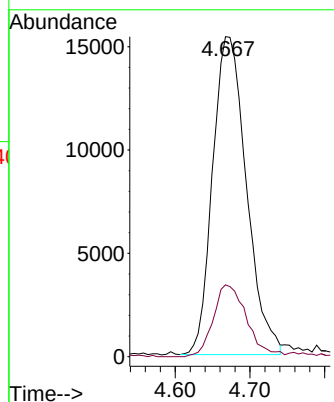
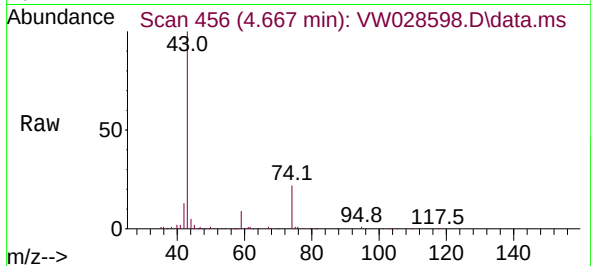




#15
Methyl Acetate
Concen: 21.025 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

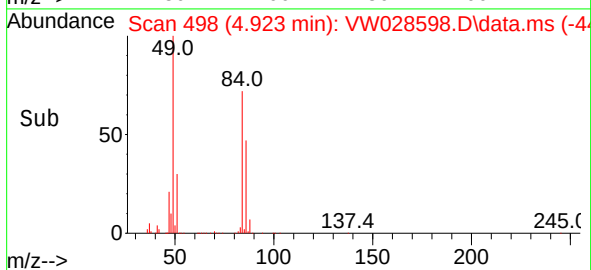
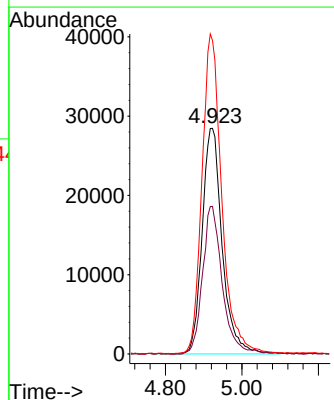
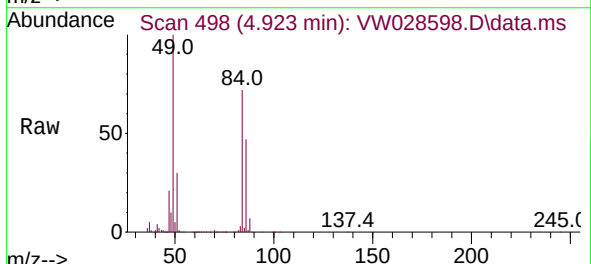
Instrument :
MSVOA_W
ClientSampleId :

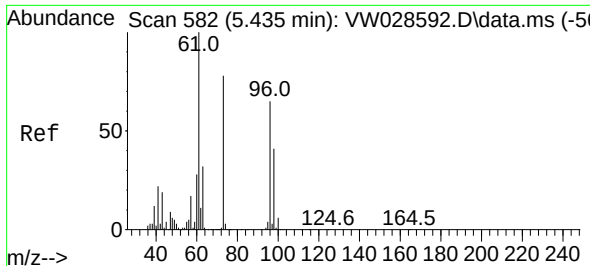
Tgt Ion: 43 Resp: 48401
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4



#16
Methylene chloride
Concen: 22.781 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

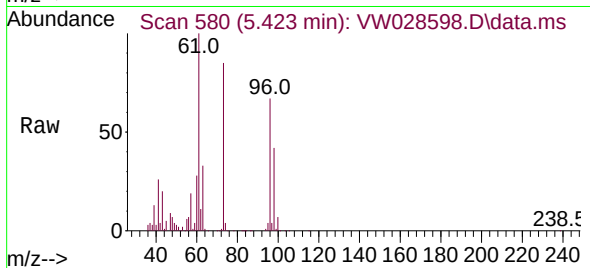
Tgt Ion: 84 Resp: 103438
Ion Ratio Lower Upper
84 100
86 65.4 44.4 82.4
49 138.9 100.2 186.2



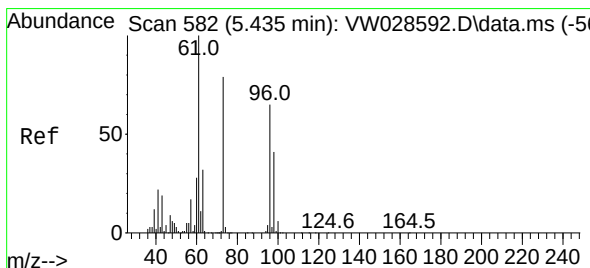
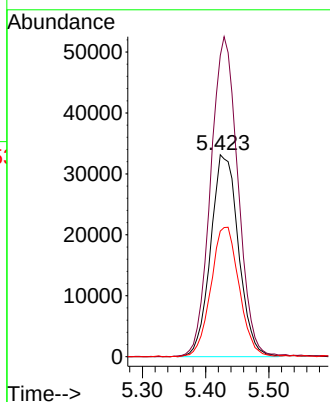
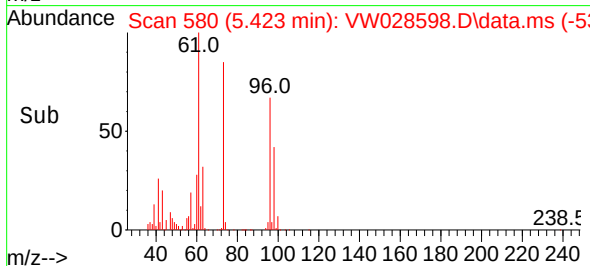


#17
trans-1,2-Dichloroethene
Concen: 24.090 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

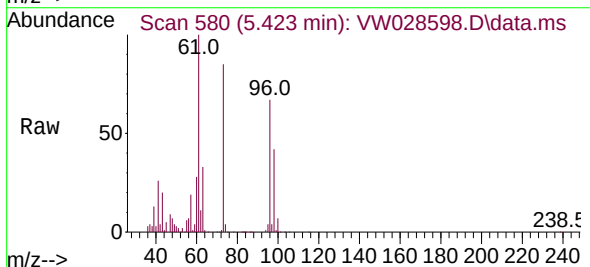
Instrument :
MSVOA_W
ClientSampleId :



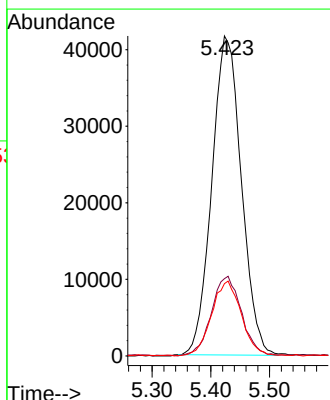
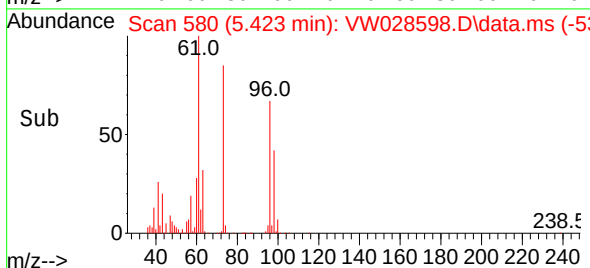
Tgt Ion: 96 Resp: 101339
Ion Ratio Lower Upper
96 100
61 149.2 109.0 202.4
98 62.2 44.2 82.0

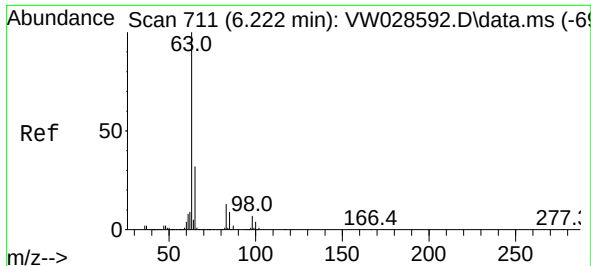


#18
Methyl tert-butyl Ether
Concen: 23.427 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22



Tgt Ion: 73 Resp: 145431
Ion Ratio Lower Upper
73 100
43 25.5 19.2 28.8
57 23.8 18.5 27.7





#19

1,1-Dichloroethane

Concen: 24.717 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

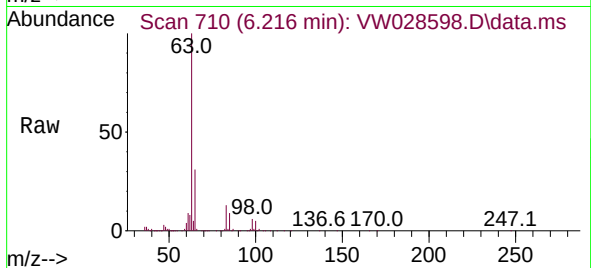
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



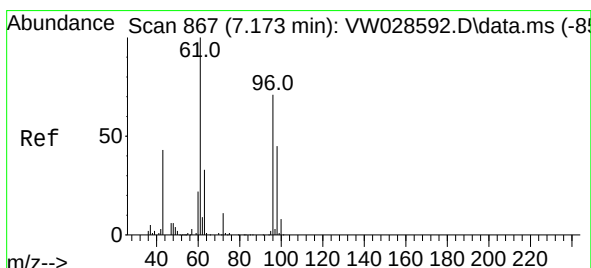
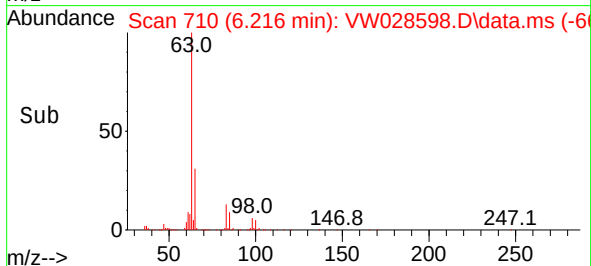
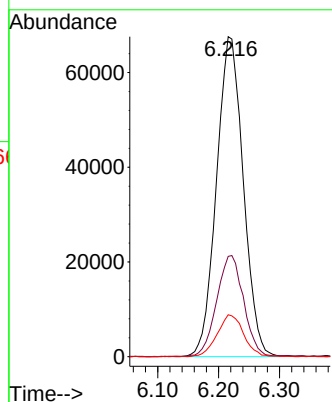
Tgt Ion: 63 Resp: 206181

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.439 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

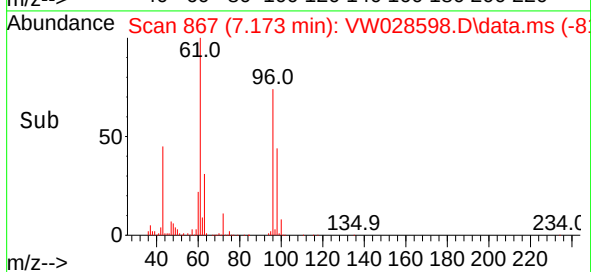
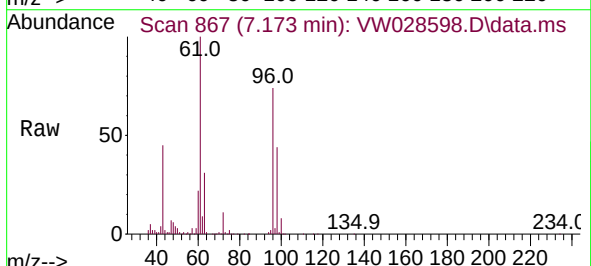
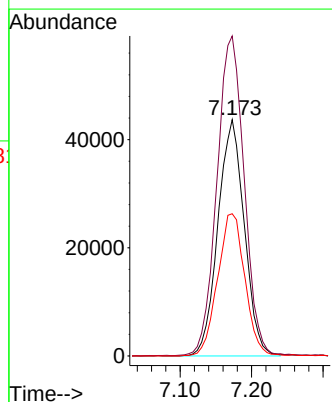
Tgt Ion: 96 Resp: 111996

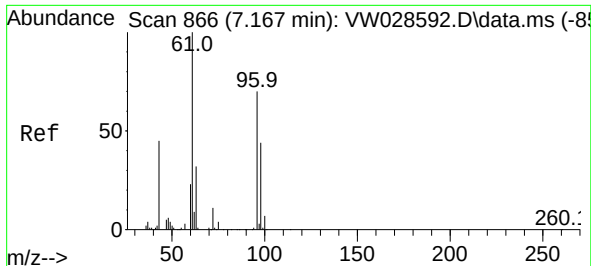
Ion Ratio Lower Upper

96 100

61 135.4 102.8 191.0

98 60.2 44.3 82.3

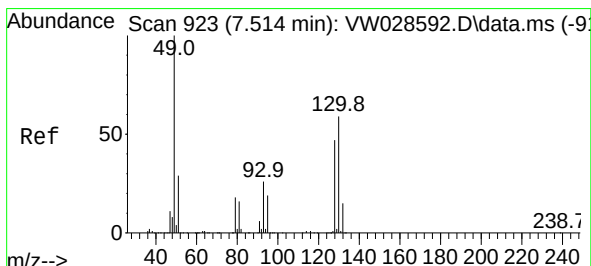
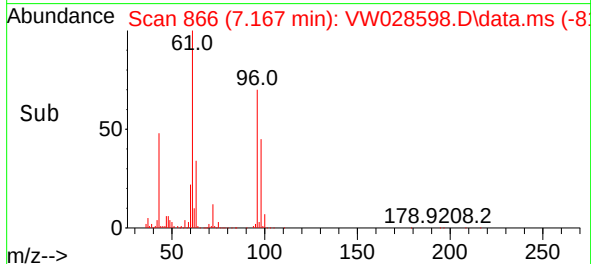
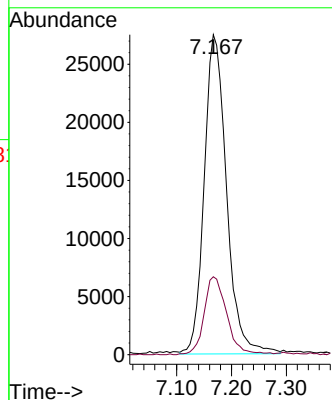
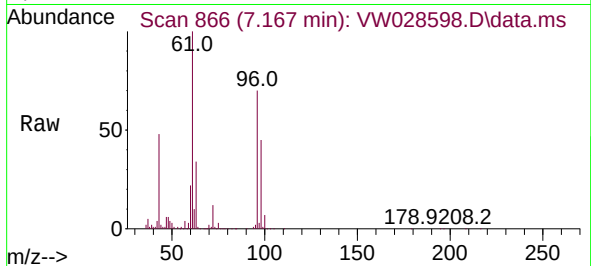




#22
2-Butanone
Concen: 45.844 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

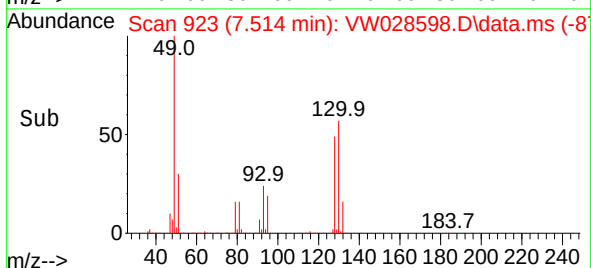
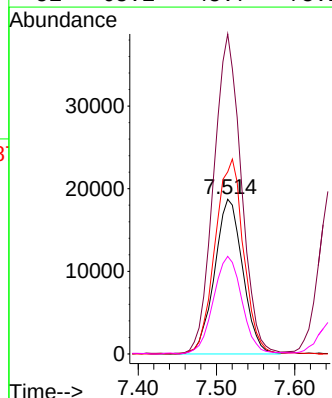
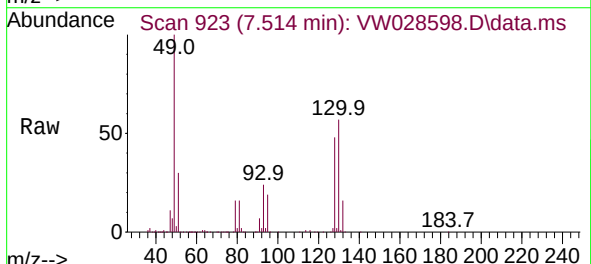
Instrument :
MSVOA_W
ClientSampleId :

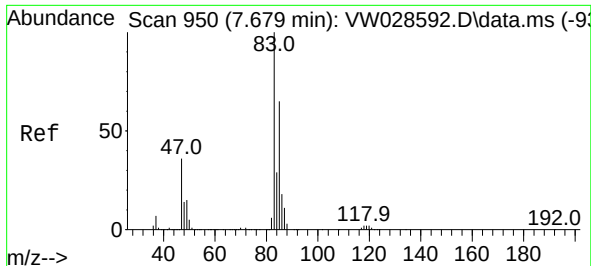
Tgt Ion: 43 Resp: 77860
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 24.372 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion: 128 Resp: 46804
Ion Ratio Lower Upper
128 100
49 206.9 139.6 259.2
130 117.7 91.2 169.4
51 63.1 48.7 73.1





#25

Chloroform

Concen: 24.920 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

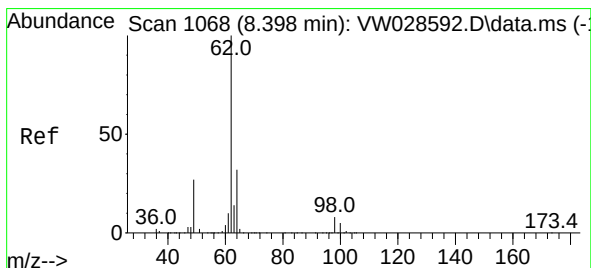
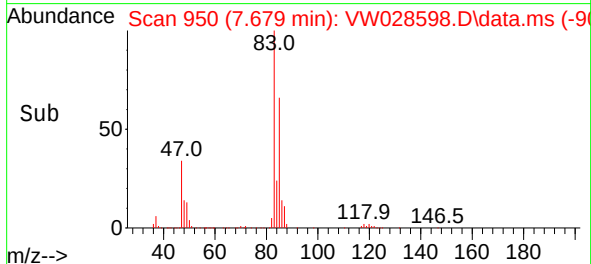
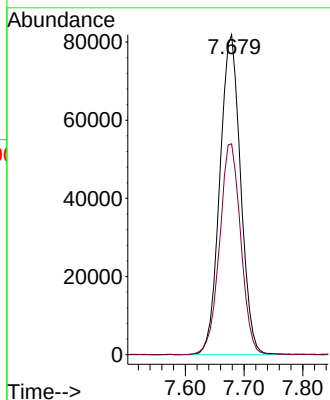
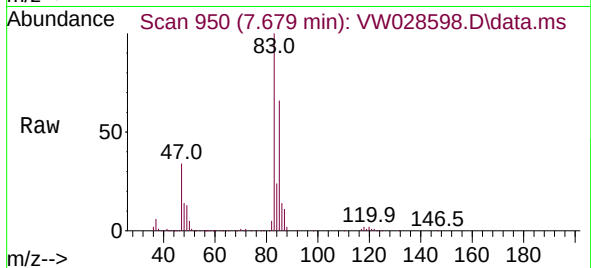
ClientSampleId :

Tgt Ion: 83 Resp: 201061

Ion Ratio Lower Upper

83 100

85 65.9 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.716 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028598.D

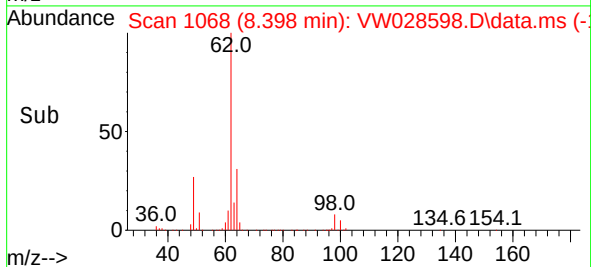
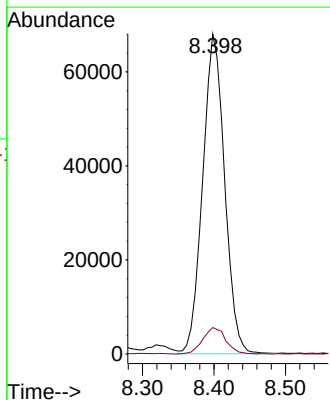
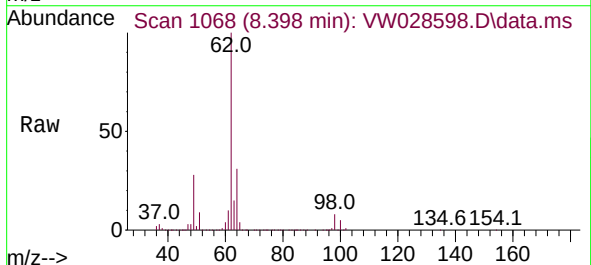
Acq: 15 May 2024 09:22

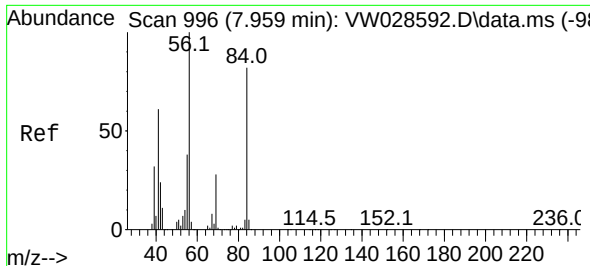
Tgt Ion: 62 Resp: 144959

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 23.615 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

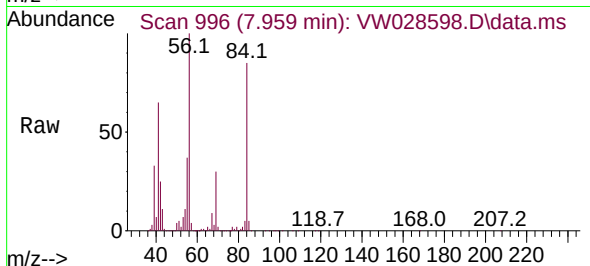
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



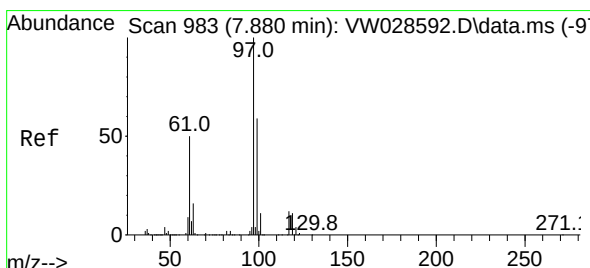
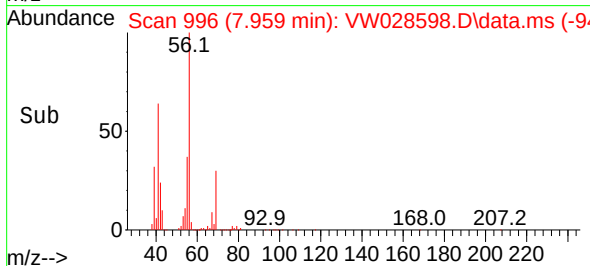
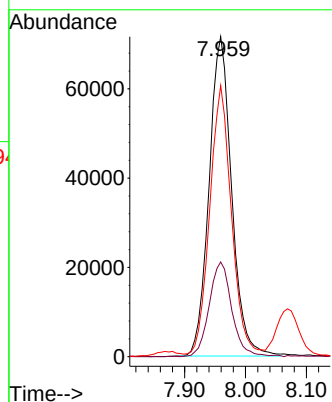
Tgt Ion: 56 Resp: 184383

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 82.2 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.856 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

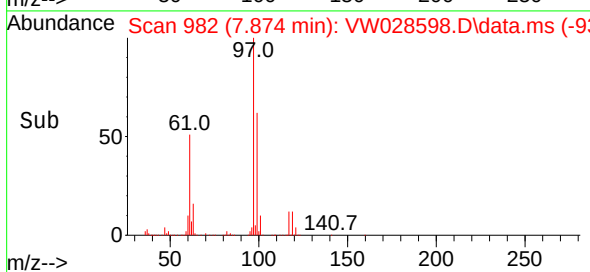
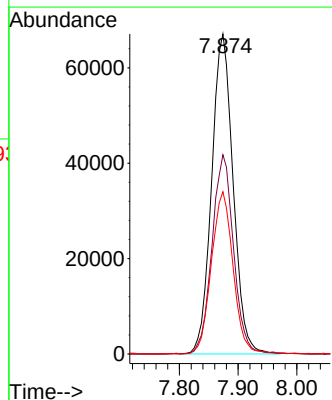
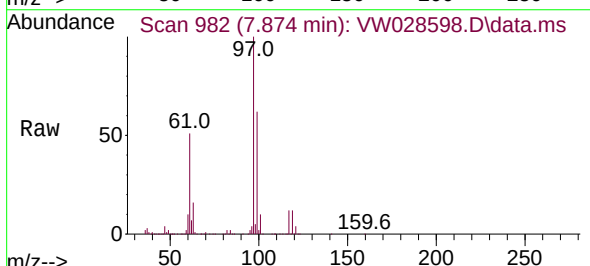
Tgt Ion: 97 Resp: 170565

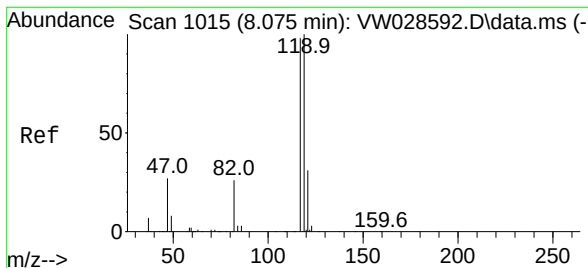
Ion Ratio Lower Upper

97 100

99 62.4 50.9 76.3

61 51.1 41.0 61.6





#31

Carbon tetrachloride

Concen: 24.583 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

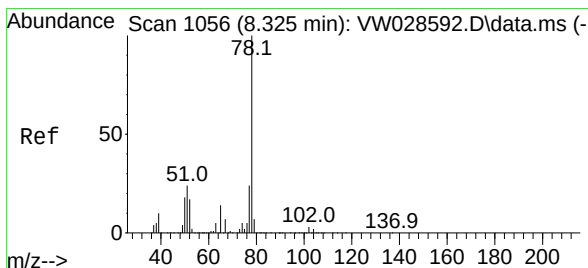
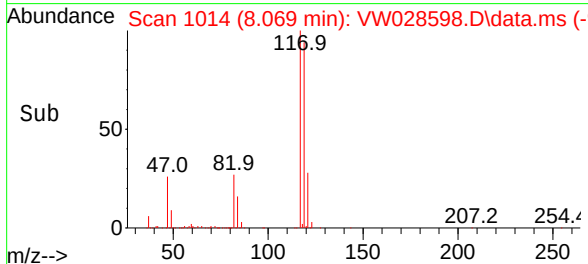
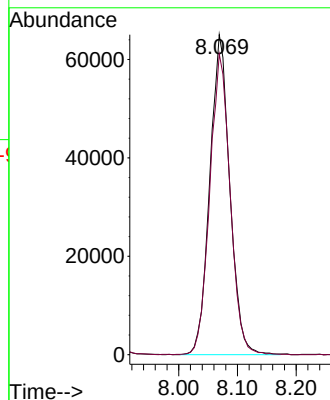
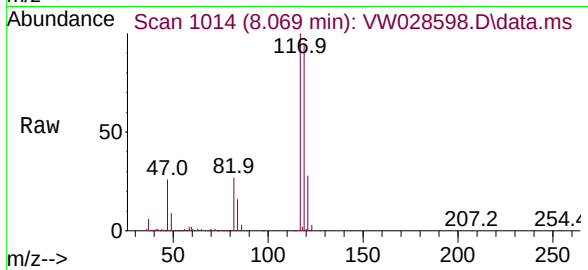
ClientSampleId :

Tgt Ion:117 Resp: 153808

Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8



#33

Benzene

Concen: 24.638 ug/L

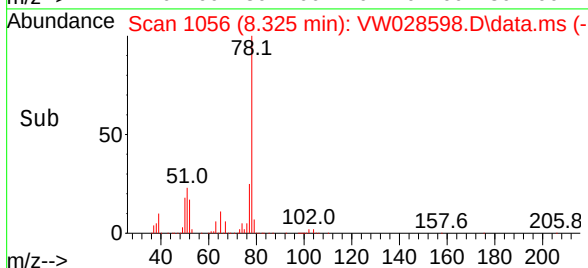
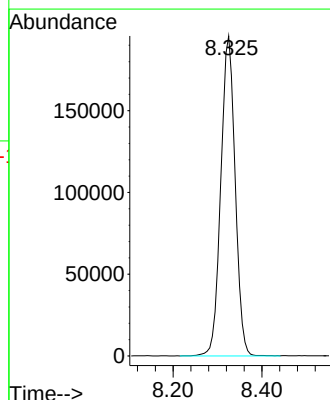
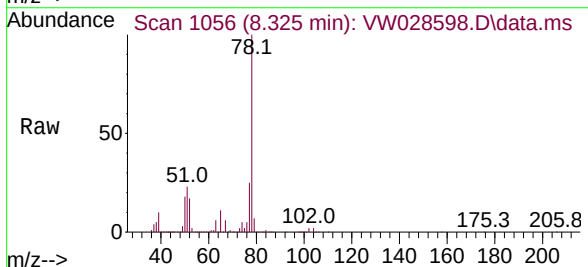
RT: 8.325 min Scan# 1056

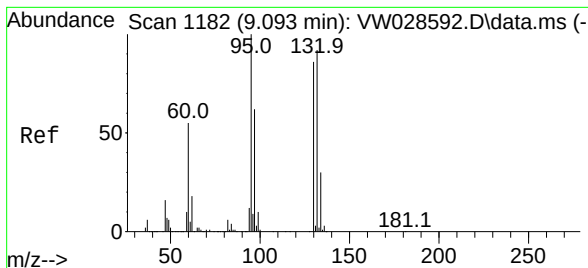
Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Tgt Ion: 78 Resp: 437500





#34

Trichloroethene

Concen: 24.144 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

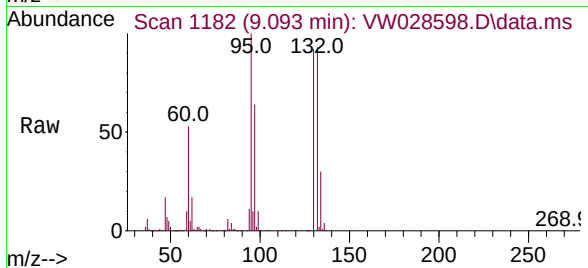
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 114946

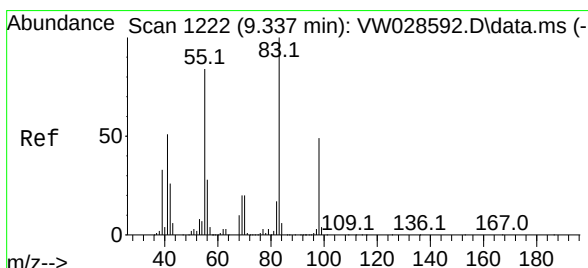
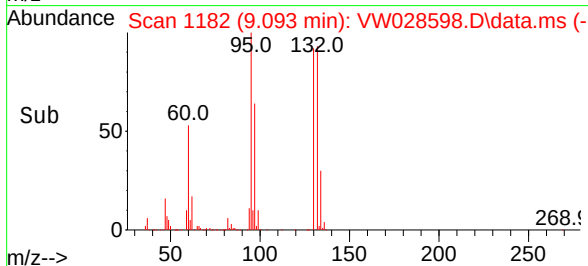
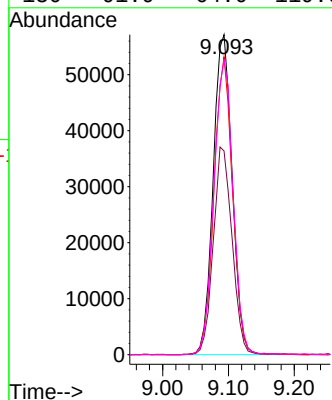
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.3

132 93.1 59.7 110.9

130 91.9 64.0 119.0



#35

Methylcyclohexane

Concen: 24.315 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

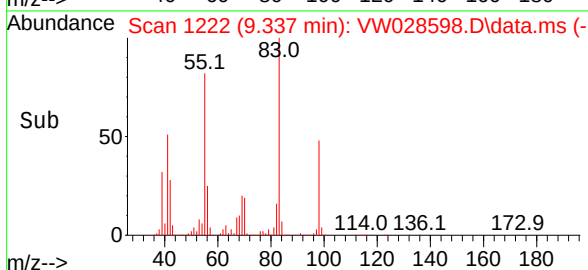
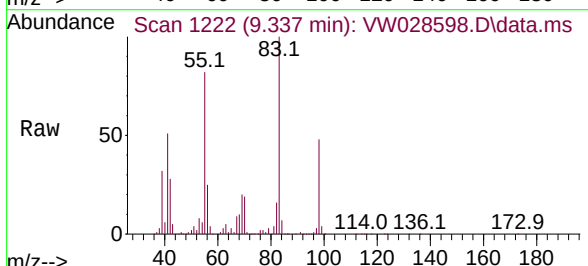
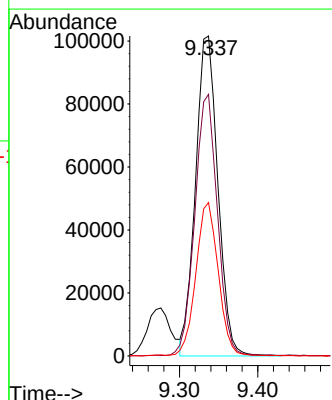
Tgt Ion: 83 Resp: 202304

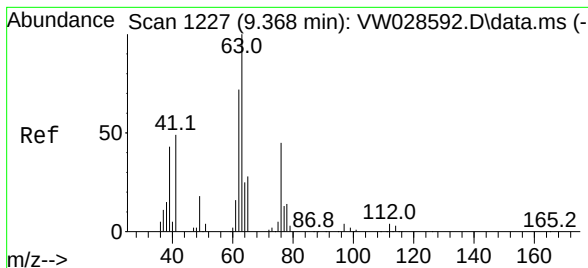
Ion Ratio Lower Upper

83 100

55 82.8 66.9 100.3

98 47.8 37.9 56.9





#37

1,2-Dichloropropane

Concen: 25.028 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

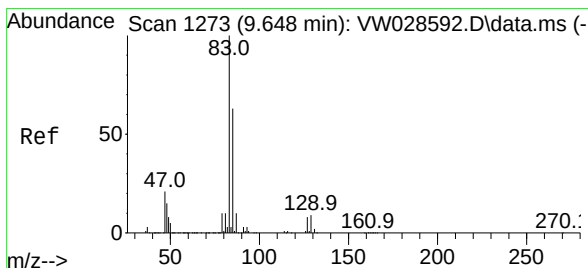
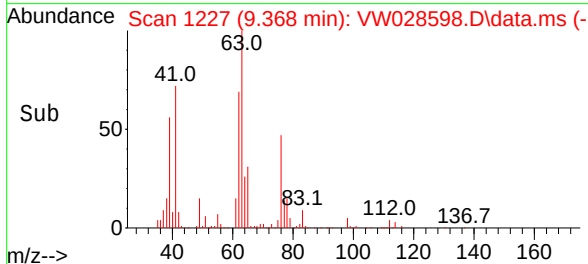
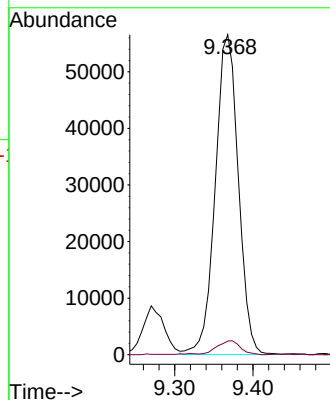
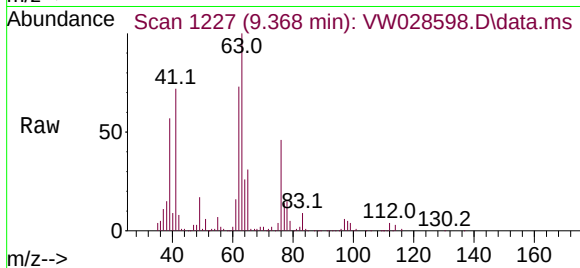
ClientSampleId :

Tgt Ion: 63 Resp: 115807

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 25.316 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

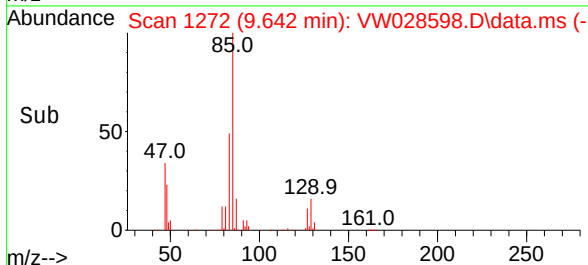
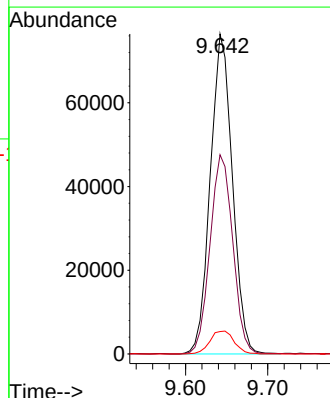
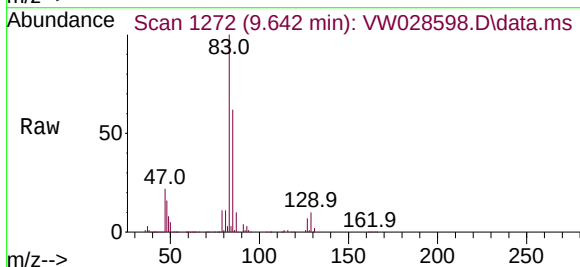
Tgt Ion: 83 Resp: 142789

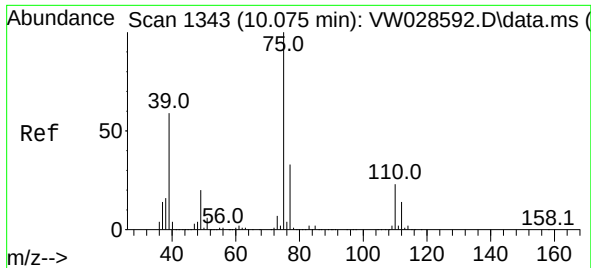
Ion Ratio Lower Upper

83 100

85 62.2 43.0 80.0

127 7.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.025 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

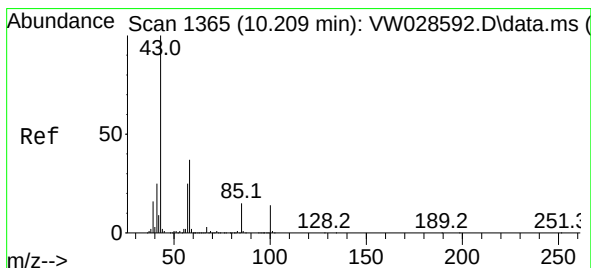
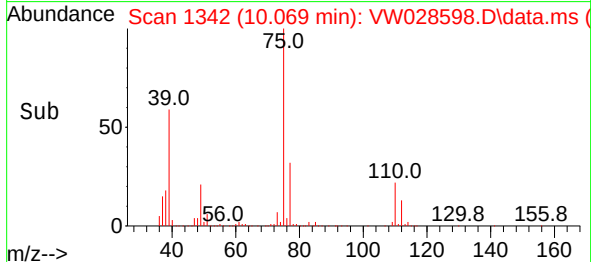
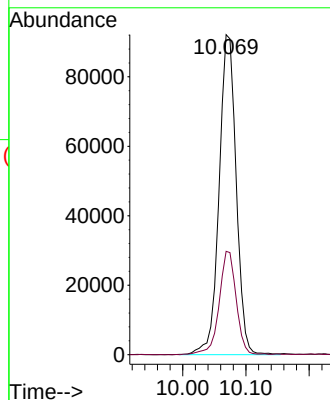
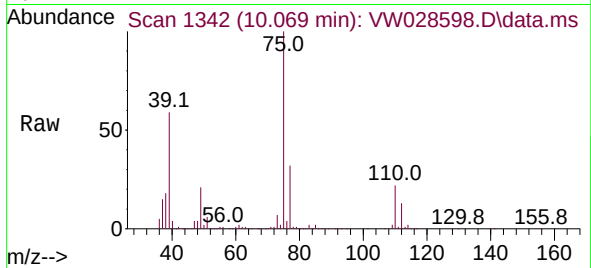
ClientSampleId :

Tgt Ion: 75 Resp: 172599

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.557 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

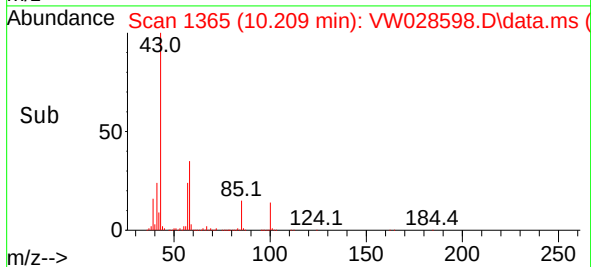
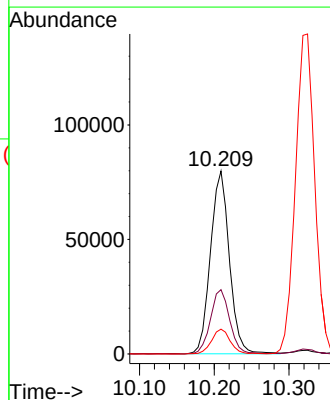
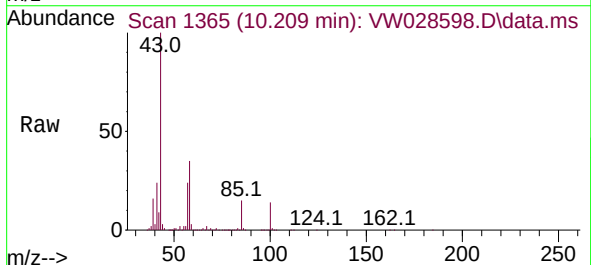
Tgt Ion: 43 Resp: 140318

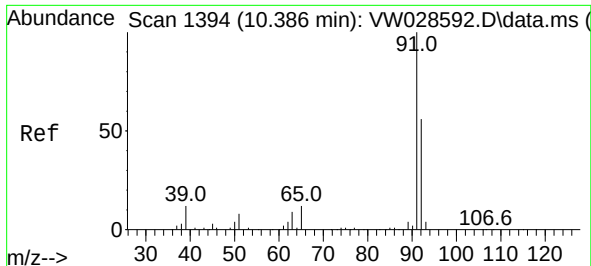
Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8

100 13.3 11.0 16.4





#42

Toluene

Concen: 24.886 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

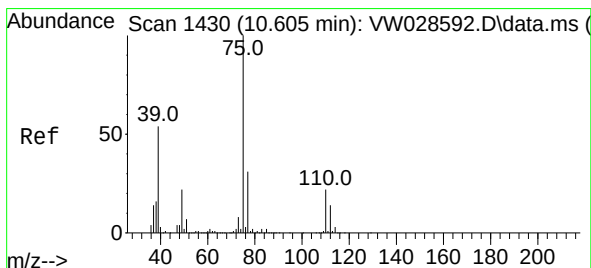
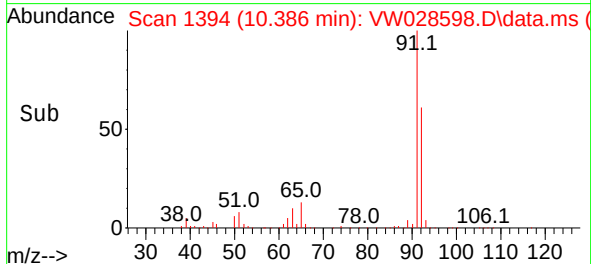
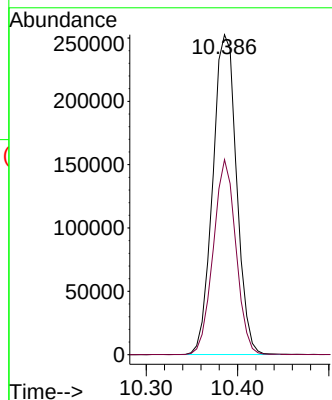
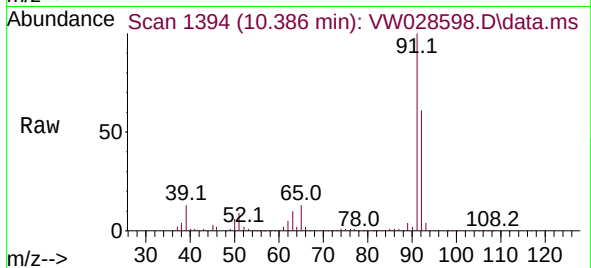
ClientSampleId :

Tgt Ion: 91 Resp: 456418

Ion Ratio Lower Upper

91 100

92 61.0 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.680 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028598.D

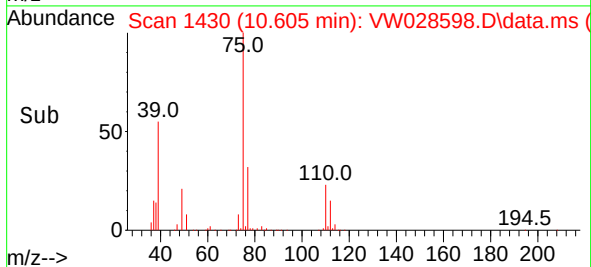
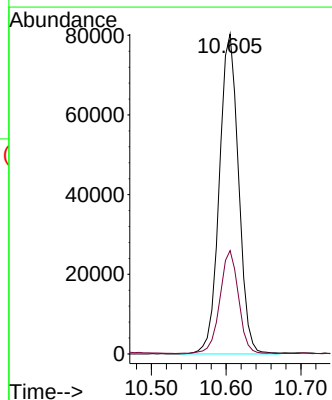
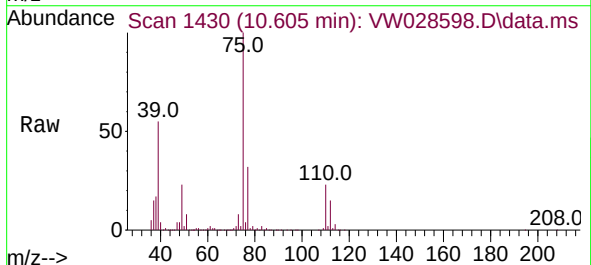
Acq: 15 May 2024 09:22

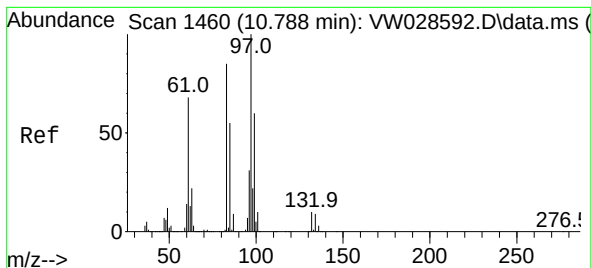
Tgt Ion: 75 Resp: 143594

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.111 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

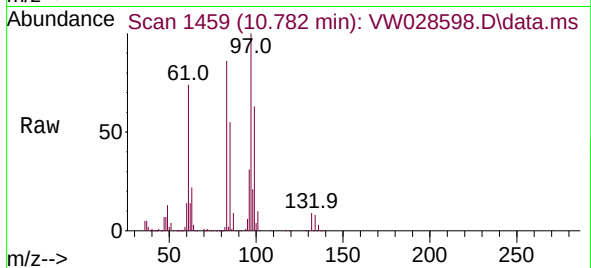
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 80816

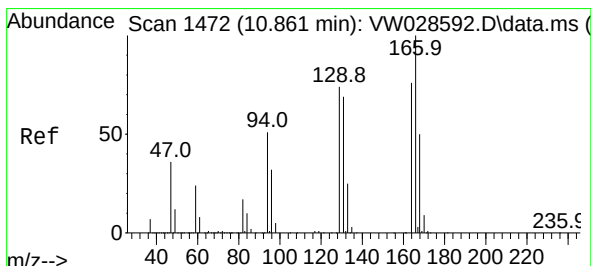
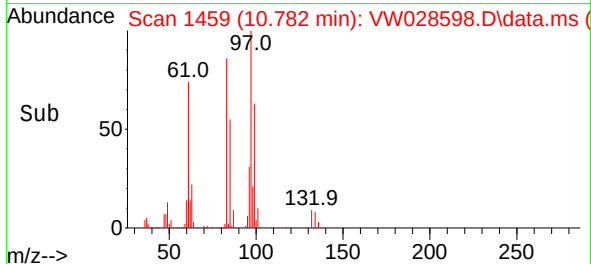
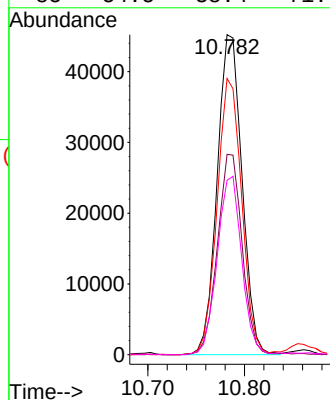
Ion Ratio Lower Upper

97 100

99 62.6 41.9 77.9

83 86.3 62.1 115.3

85 54.5 38.4 71.4



#46

Tetrachloroethene

Concen: 23.576 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Tgt Ion:164 Resp: 80868

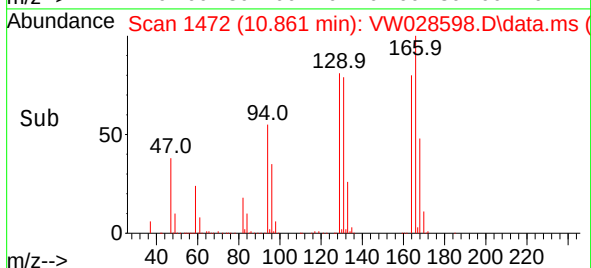
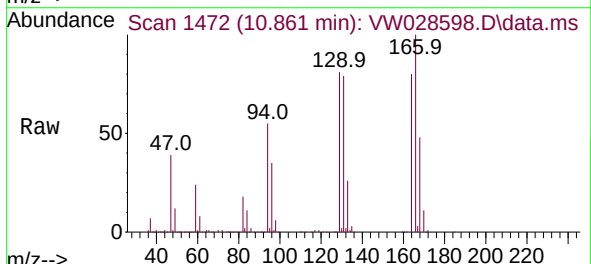
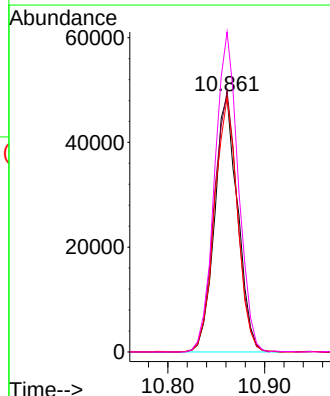
Ion Ratio Lower Upper

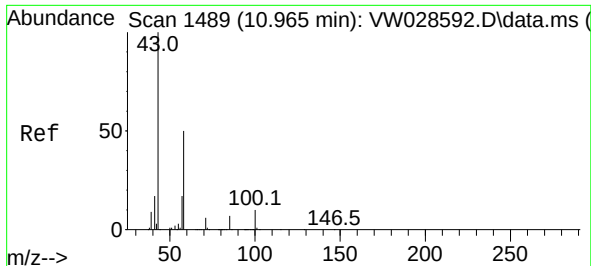
164 100

129 101.8 69.2 128.6

131 99.2 67.7 125.7

166 124.9 89.7 166.7





#48

2-Hexanone

Concen: 50.598 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

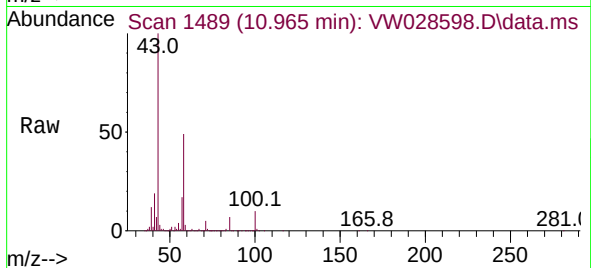
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

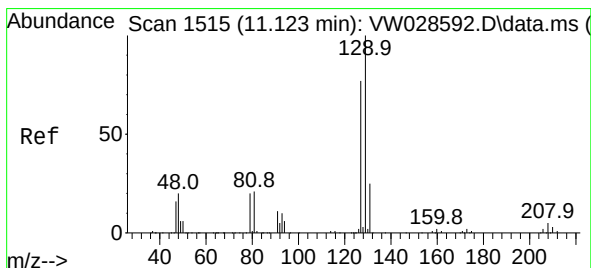
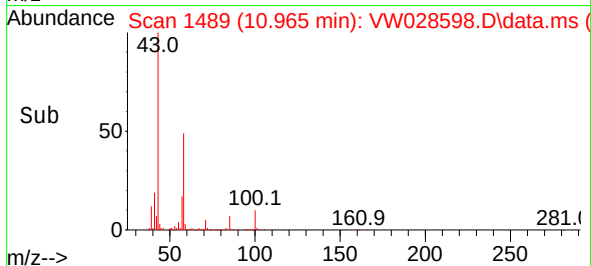
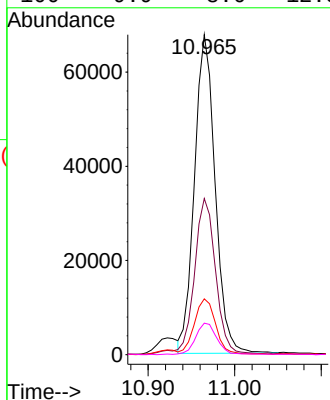
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 112494

Ion	Ratio	Lower	Upper
43	100		
58	49.2	41.0	61.4
57	18.0	14.8	22.2
100	9.9	8.6	12.8



#49

Dibromochloromethane

Concen: 24.868 ug/L

RT: 11.129 min Scan# 1516

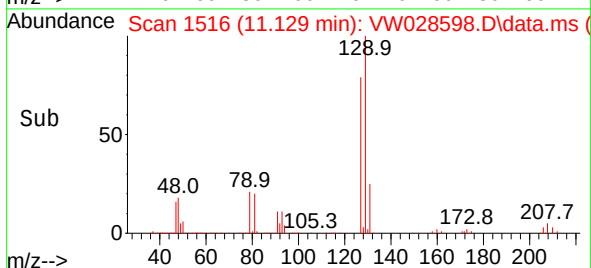
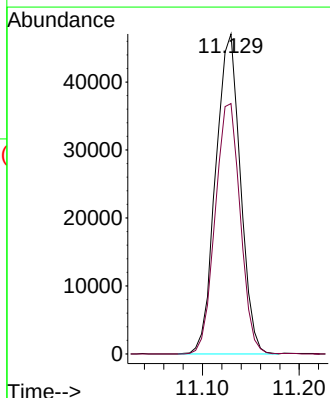
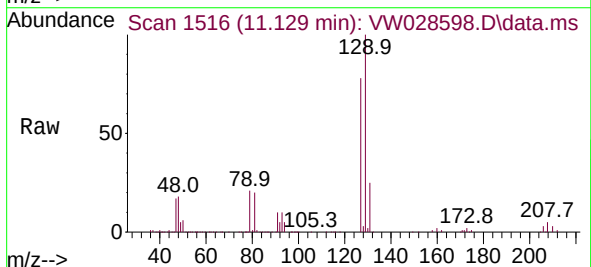
Delta R.T. 0.006 min

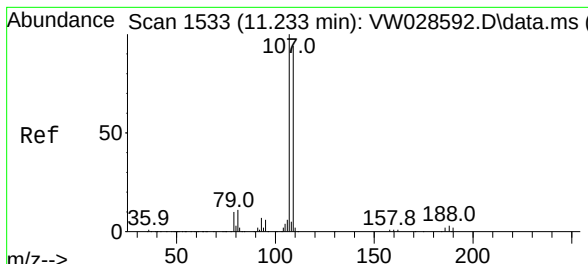
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Tgt Ion:129 Resp: 83608

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.3	100.8

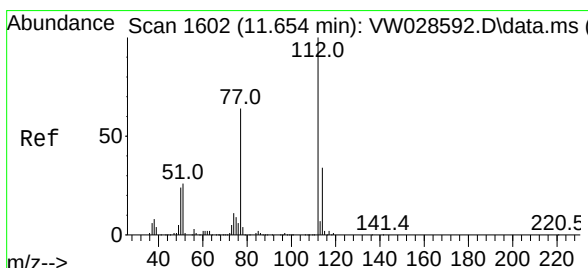
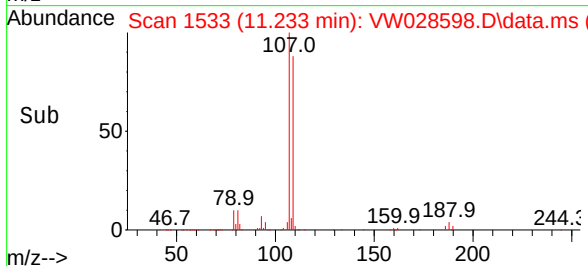
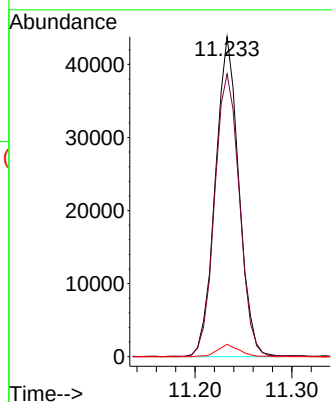
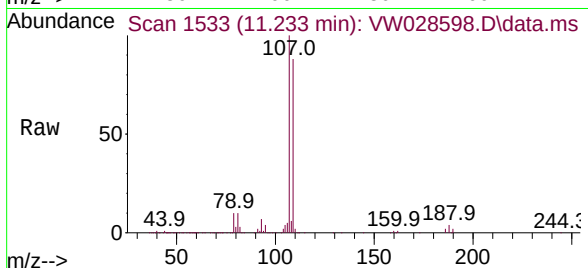




#50
1,2-Dibromoethane
Concen: 23.588 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

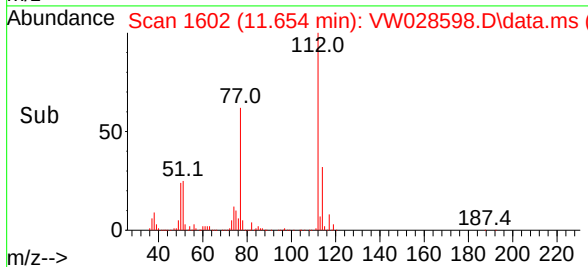
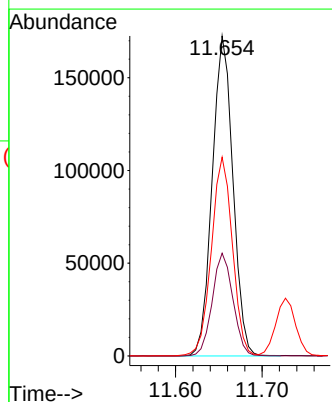
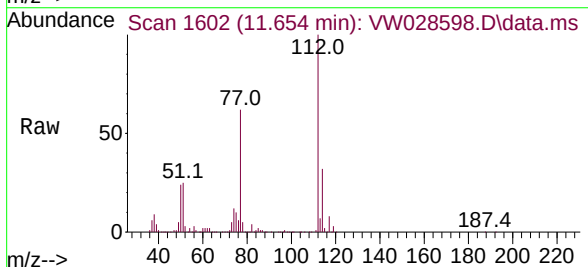
Instrument :
MSVOA_W
ClientSampleId :

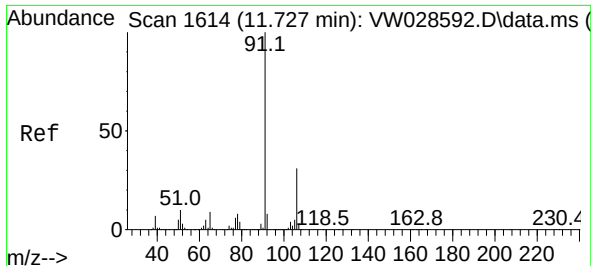
Tgt Ion:107 Resp: 74064
Ion Ratio Lower Upper
107 100
109 88.4 64.2 119.2
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 25.283 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion:112 Resp: 286825
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 62.1 50.8 76.2





#52

Ethylbenzene

Concen: 25.702 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

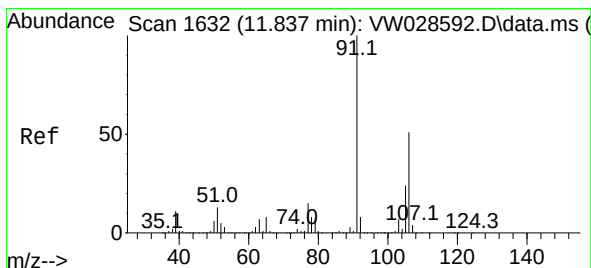
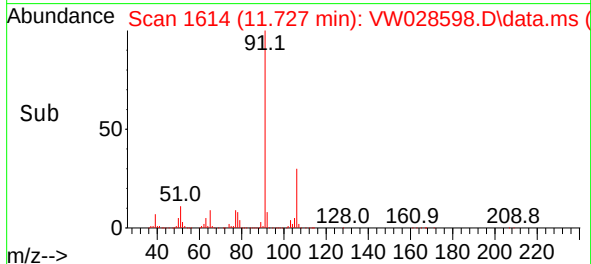
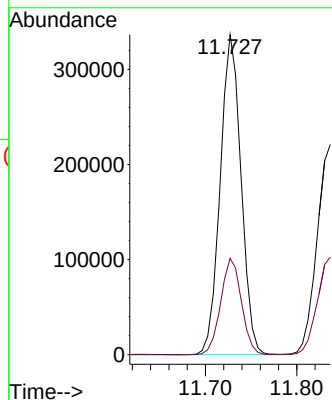
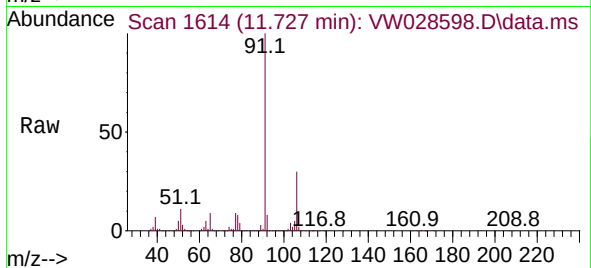
ClientSampleId :

Tgt Ion: 91 Resp: 533463

Ion Ratio Lower Upper

91 100

106 30.1 22.7 42.1



#53

m,p-Xylene

Concen: 25.488 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028598.D

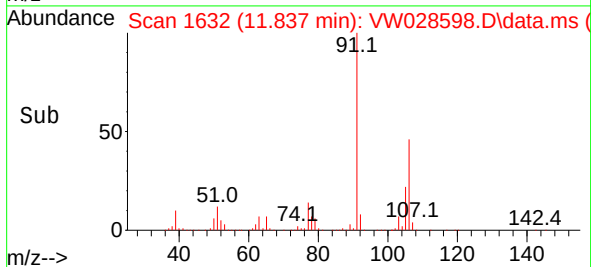
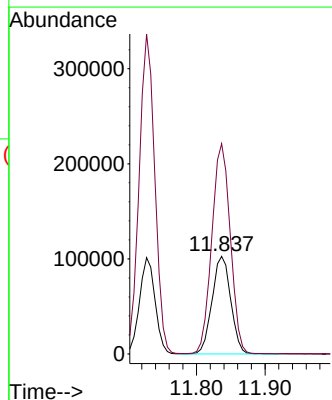
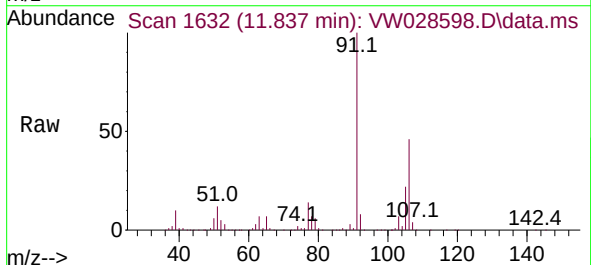
Acq: 15 May 2024 09:22

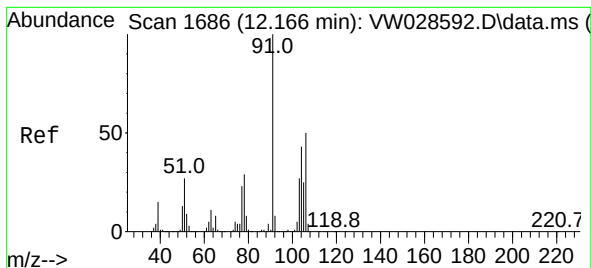
Tgt Ion:106 Resp: 193917

Ion Ratio Lower Upper

106 100

91 215.2 146.6 272.2

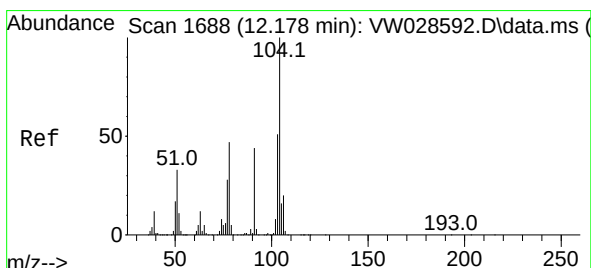
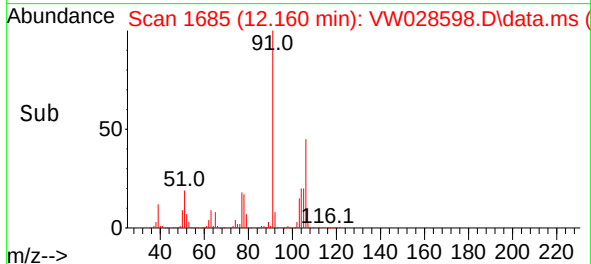
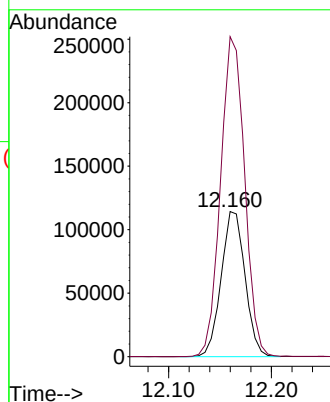
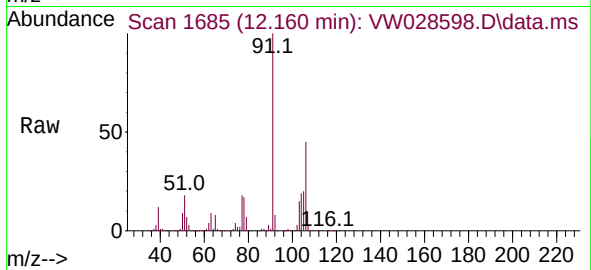




#54
o-Xylene
Concen: 26.187 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

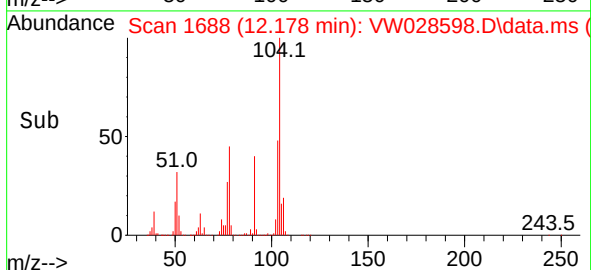
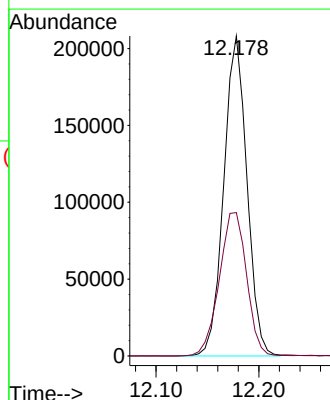
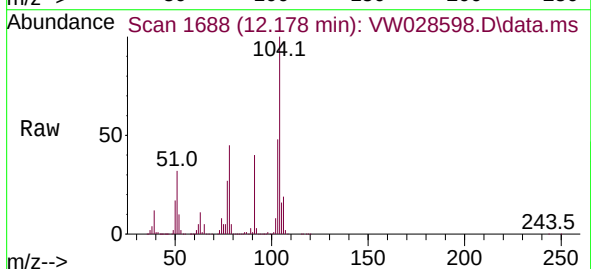
Instrument :
MSVOA_W
ClientSampleId :

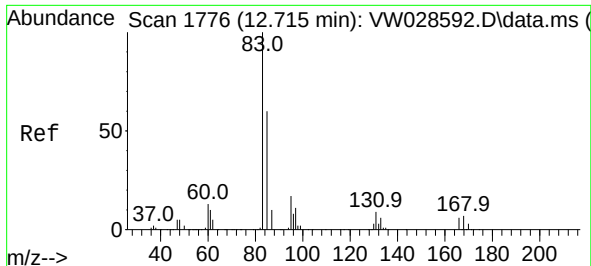
Tgt Ion:106 Resp: 184317
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5



#55
Styrene
Concen: 27.301 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion:104 Resp: 325598
Ion Ratio Lower Upper
104 100
78 44.8 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 22.550 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

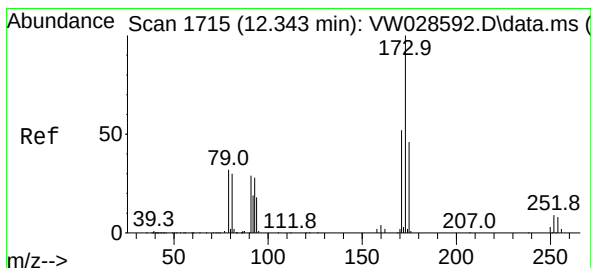
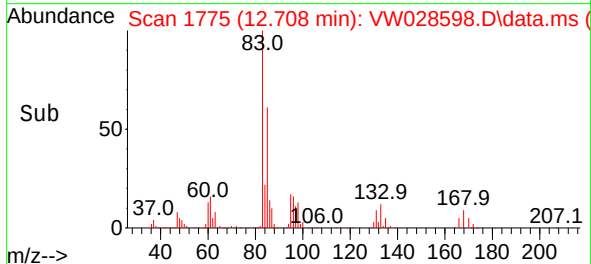
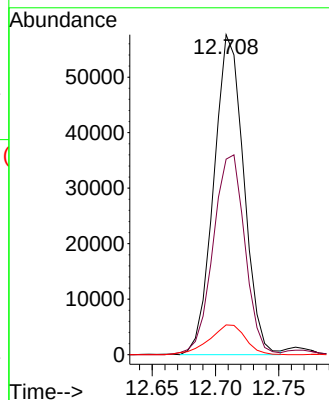
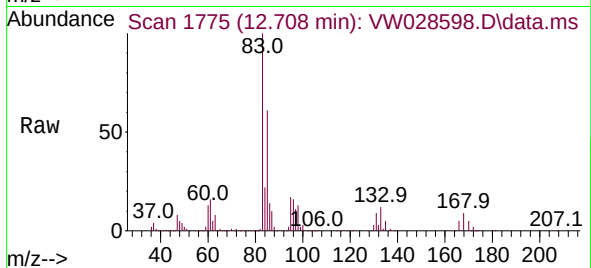
Tgt Ion: 83 Resp: 94829

Ion Ratio Lower Upper

83 100

85 61.1 45.6 84.6

131 9.3 7.3 10.9



#59

Bromoform

Concen: 23.045 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

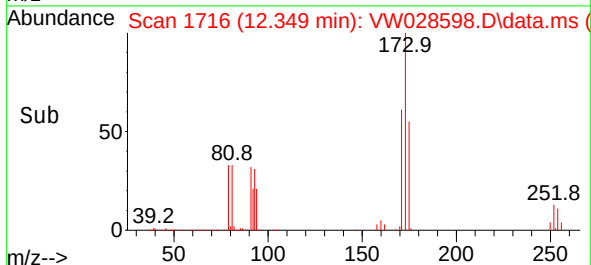
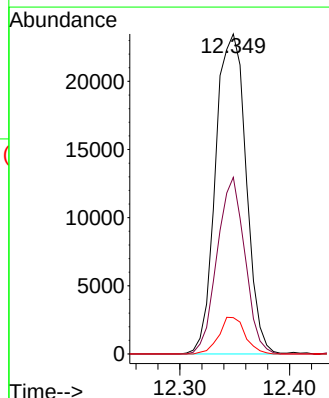
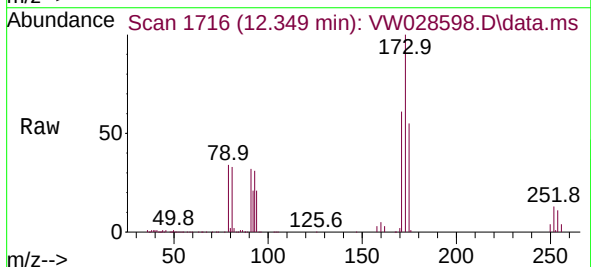
Tgt Ion:173 Resp: 45314

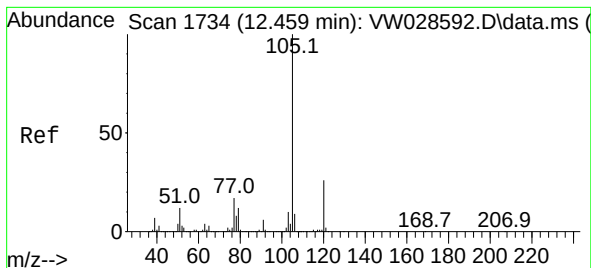
Ion Ratio Lower Upper

173 100

175 50.2 39.8 59.8

254 9.9 7.1 10.7





#60

Isopropylbenzene

Concen: 25.592 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

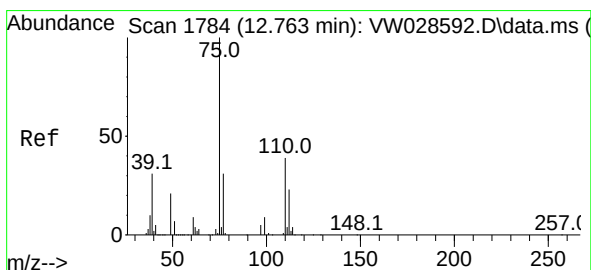
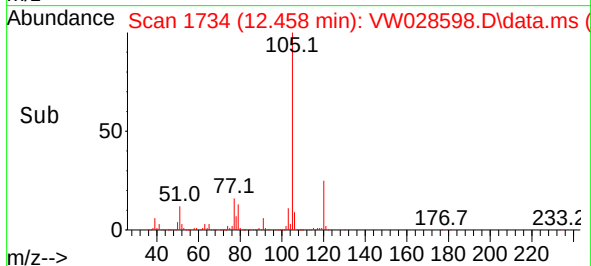
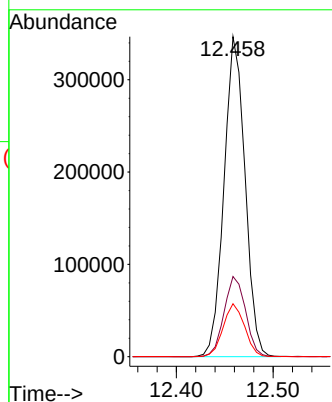
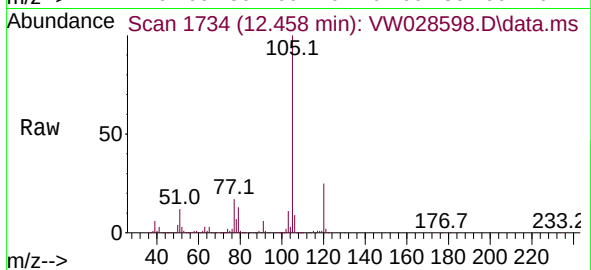
Tgt Ion:105 Resp: 523313

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.894 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

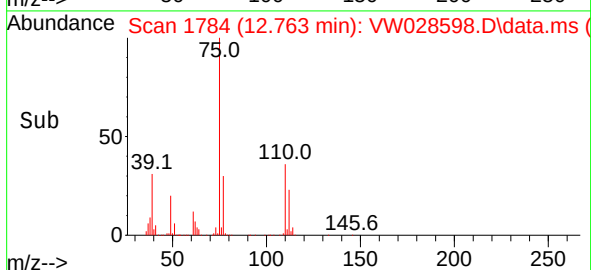
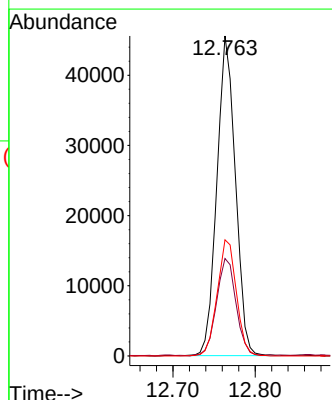
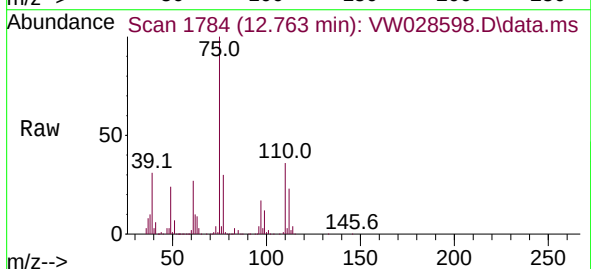
Tgt Ion: 75 Resp: 71313

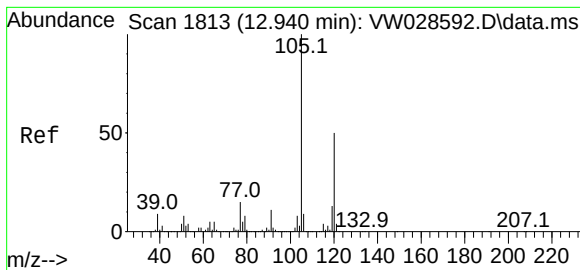
Ion Ratio Lower Upper

75 100

77 32.3 25.9 38.9

110 37.6 30.6 45.8

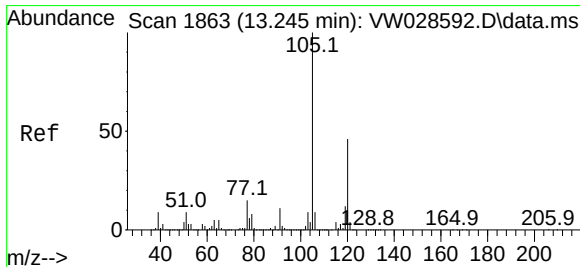
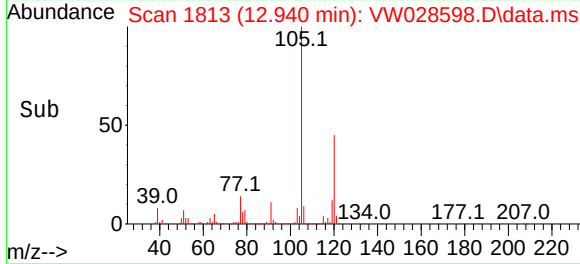
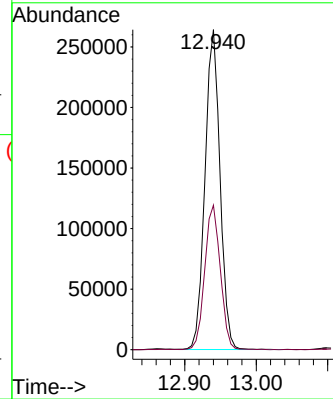
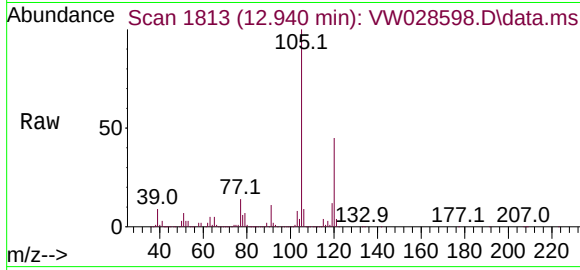




#62
1,3,5-Trimethylbenzene
Concen: 26.661 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

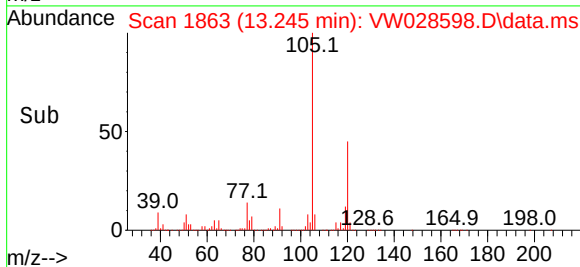
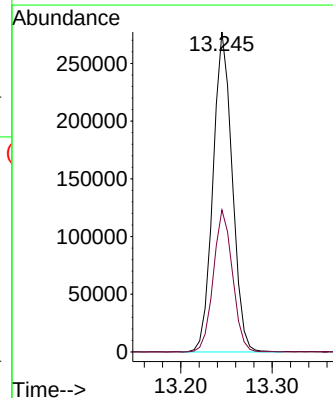
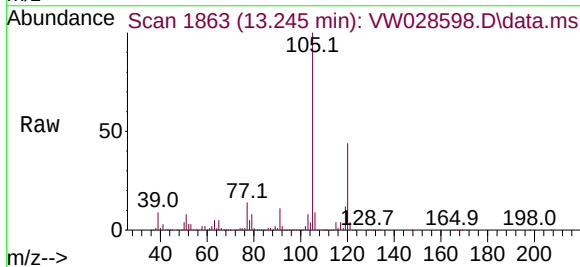
Instrument :
MSVOA_W
ClientSampleId :

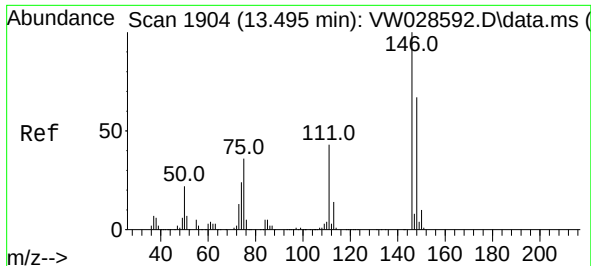
Tgt Ion:105 Resp: 385723
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.937 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion:105 Resp: 404308
Ion Ratio Lower Upper
105 100
120 44.1 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 25.435 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

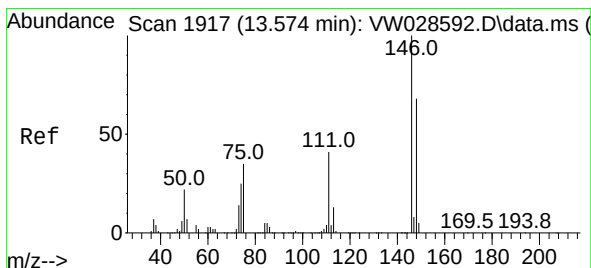
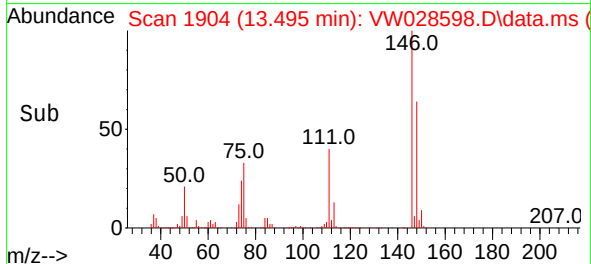
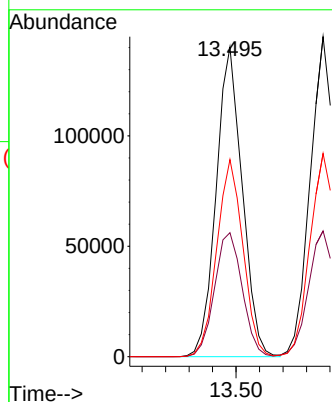
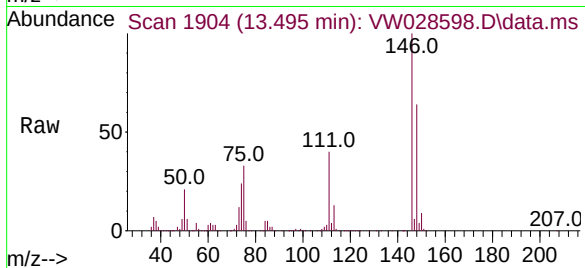
Tgt Ion:146 Resp: 216360

Ion Ratio Lower Upper

146 100

111 40.0 30.7 57.1

148 63.7 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 25.139 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

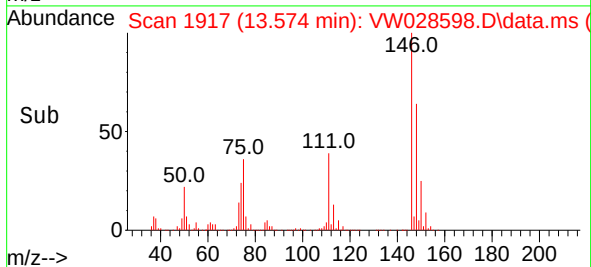
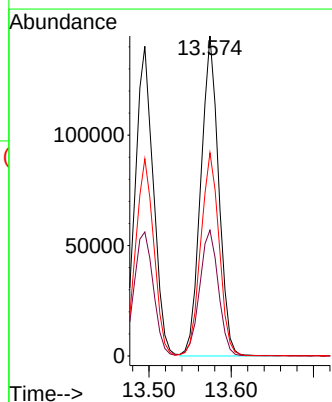
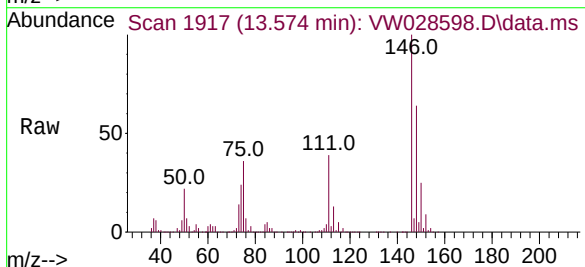
Tgt Ion:146 Resp: 218630

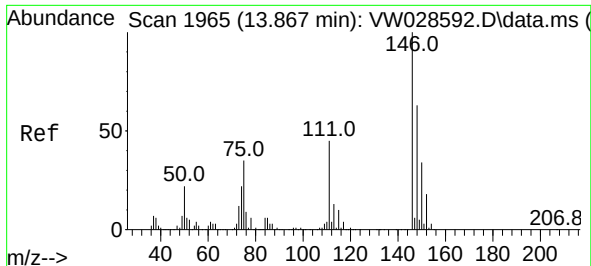
Ion Ratio Lower Upper

146 100

111 39.3 29.1 54.1

148 63.5 41.2 76.6

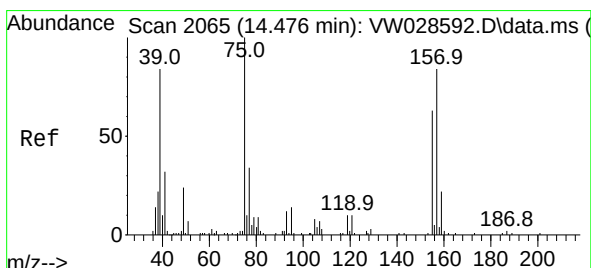
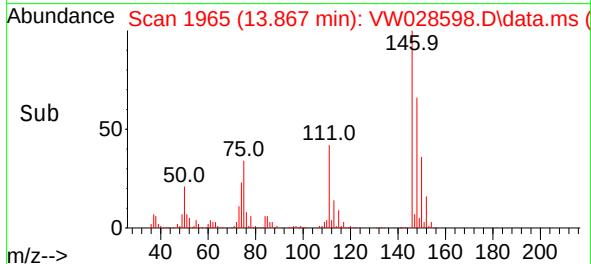
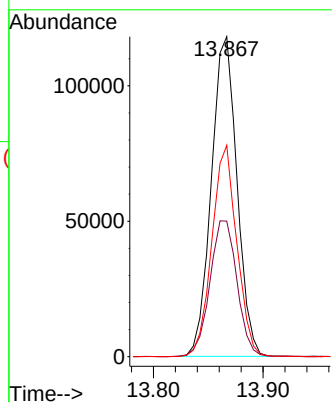
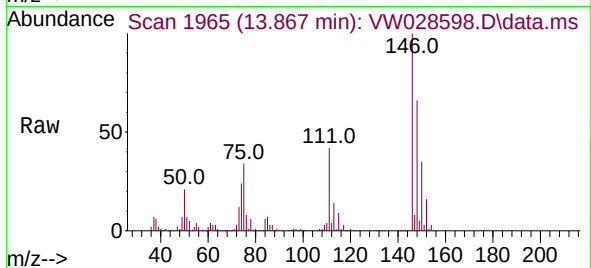




#67
1,2-Dichlorobenzene
Concen: 25.194 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

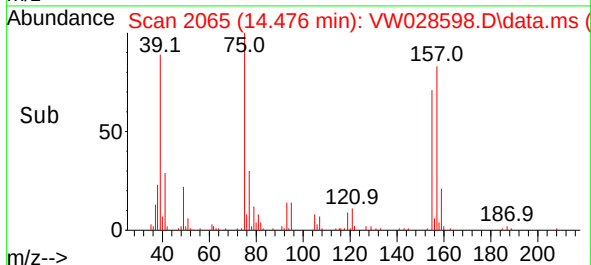
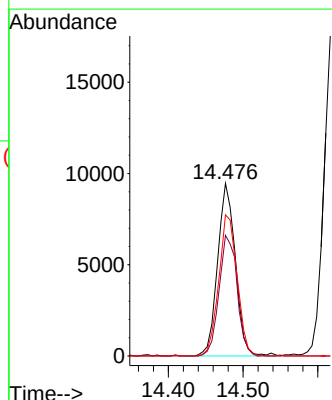
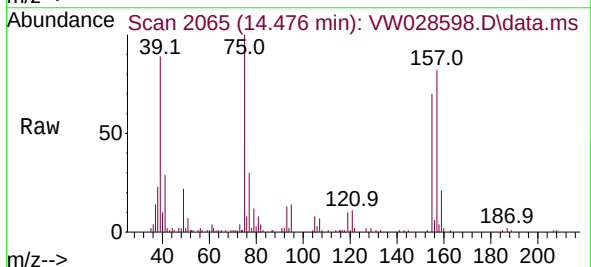
Instrument :
MSVOA_W
ClientSampleId :

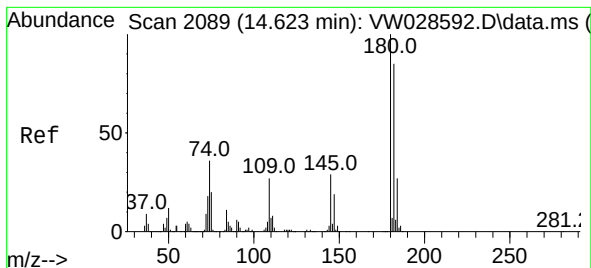
Tgt Ion:146 Resp: 191815
Ion Ratio Lower Upper
146 100
111 42.4 34.7 52.1
148 66.1 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 20.531 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028598.D
Acq: 15 May 2024 09:22

Tgt Ion: 75 Resp: 15636
Ion Ratio Lower Upper
75 100
155 69.9 55.1 82.7
157 81.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.894 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

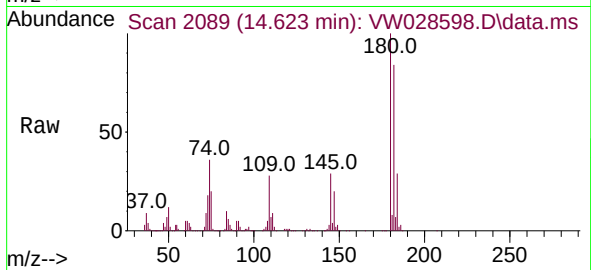
Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 142097

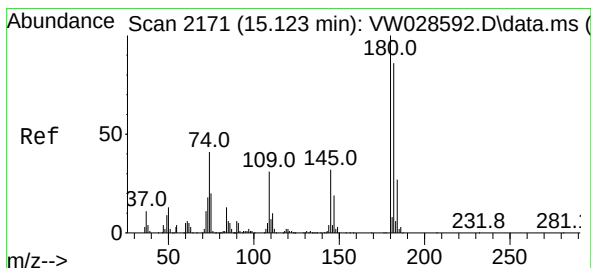
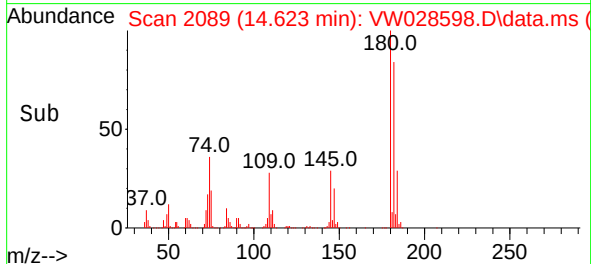
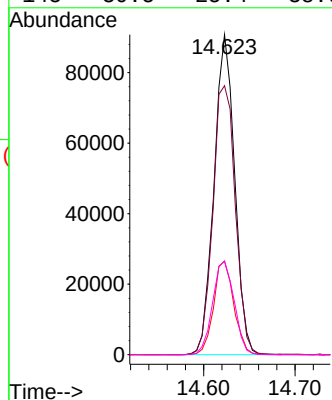
Ion Ratio Lower Upper

180 100

182 91.6 75.4 113.2

184 28.8 24.0 36.0

145 30.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.885 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

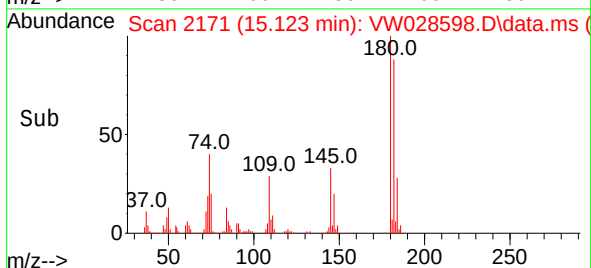
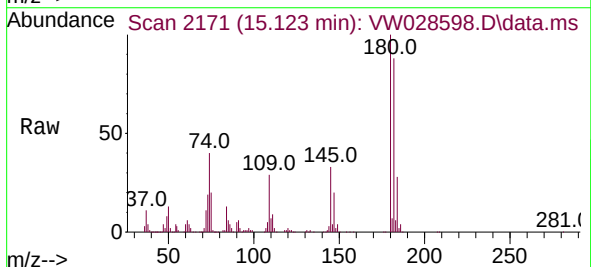
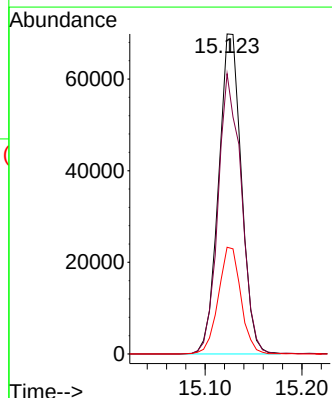
Tgt Ion:180 Resp: 114773

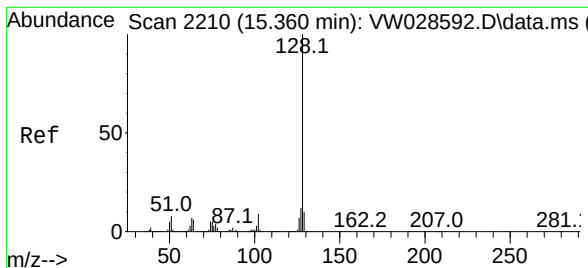
Ion Ratio Lower Upper

180 100

182 88.8 77.2 115.8

145 32.8 26.6 39.8





#71

Naphthalene

Concen: 23.119 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Instrument :

MSVOA_W

ClientSampleId :

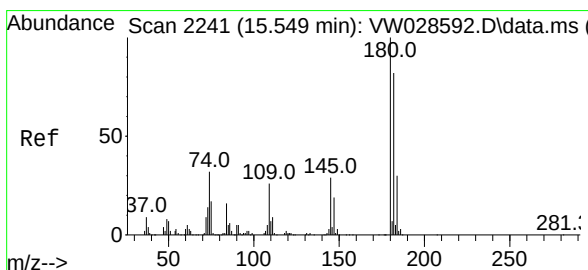
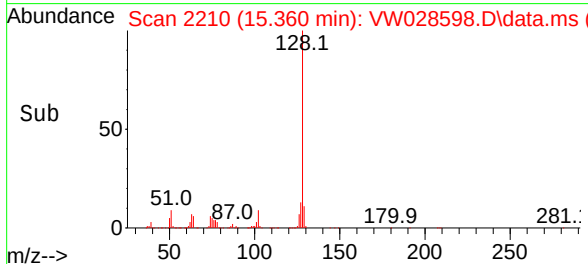
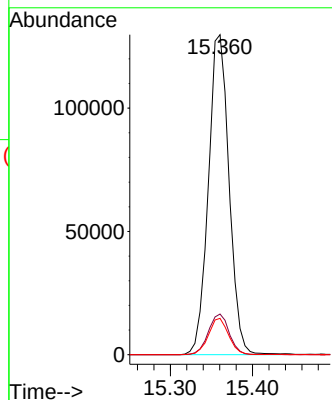
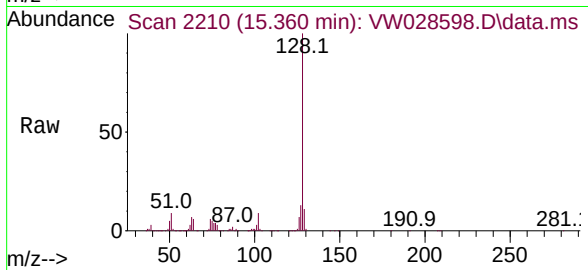
Tgt Ion:128 Resp: 227181

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.558 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028598.D

Acq: 15 May 2024 09:22

Tgt Ion:180 Resp: 102204

Ion Ratio Lower Upper

180 100

182 91.9 76.1 114.1

145 33.3 28.3 42.5

