

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
 Data File : VW028748.D
 Acq On : 24 May 2024 21:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 25 00:07:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 25 00:01:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	304255	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	121945	21.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
7) Chloroethane-d5	2.899	69	96627	21.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	4.027	65	51302	21.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.000%
21) 2-Butanone-d5	7.075	46	66754	44.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.580%
24) Chloroform-d	7.648	84	239819	25.226	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.307	65	136937	25.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.640%
32) Benzene-d6	8.270	84	479148	24.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.960%
36) 1,2-Dichloropropane-d6	9.276	67	147723	25.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.319	98	433812	25.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.160%
43) trans-1,3-Dichloroprop...	10.575	79	57882	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.922	63	48441	48.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117271	23.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	138809	24.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80413	18.187	ug/L	92
3) Chloromethane	2.223	50	110583	20.188	ug/L	98
5) Vinyl chloride	2.375	62	126534	20.518	ug/L	98
6) Bromomethane	2.790	94	74685	20.935	ug/L	100
8) Chloroethane	2.936	64	76300	21.695	ug/L	97
9) Trichlorofluoromethane	3.265	101	92791	18.327	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100957	21.628	ug/L	95
12) 1,1-Dichloroethene	4.052	96	95908	22.904	ug/L	89
13) Acetone	4.119	43	50832	37.069	ug/L	97
14) Carbon disulfide	4.393	76	283294	20.018	ug/L	98
15) Methyl Acetate	4.673	43	57726	24.197	ug/L	97
16) Methylene chloride	4.923	84	127967	27.195	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	106446	24.417	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	166053	25.811	ug/L	98
19) 1,1-Dichloroethane	6.216	63	219082	25.343	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	120083	26.320	ug/L	93
22) 2-Butanone	7.167	43	73386	41.695	ug/L	97
23) Bromochloromethane	7.514	128	53416	26.840	ug/L	95
25) Chloroform	7.673	83	217514	26.014	ug/L	99

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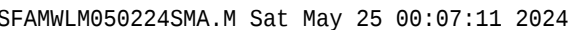
Instrument :
 MSVOA_W
 ClientSampleId :

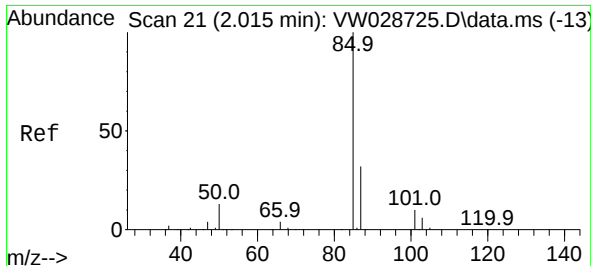
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 Quant Title : SFAM01.0
 QLast Update : Sat May 25 00:01:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	154538	25.425	ug/L	99
29) Cyclohexane	7.959	56	169666	20.499	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	164166	22.568	ug/L	98
31) Carbon tetrachloride	8.075	117	146334	22.063	ug/L	100
33) Benzene	8.325	78	465989	24.755	ug/L	100
34) Trichloroethene	9.093	95	119811	23.739	ug/L	95
35) Methylcyclohexane	9.337	83	183814	20.841	ug/L	99
37) 1,2-Dichloropropane	9.368	63	126224	25.733	ug/L	99
38) Bromodichloromethane	9.642	83	156578	26.187	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	186801	26.570	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	163169	48.877	ug/L	99
42) Toluene	10.386	91	489080	25.155	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151217	25.510	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	92292	25.974	ug/L	96
46) Tetrachloroethene	10.861	164	85010	23.379	ug/L	95
48) 2-Hexanone	10.965	43	114378	48.530	ug/L	99
49) Dibromochloromethane	11.123	129	95928	26.915	ug/L	95
50) 1,2-Dibromoethane	11.233	107	84477	25.380	ug/L	96
51) Chlorobenzene	11.654	112	319168	26.539	ug/L	96
52) Ethylbenzene	11.727	91	550215	25.007	ug/L	95
53) m,p-Xylene	11.837	106	212556	26.355	ug/L	93
54) o-Xylene	12.166	106	199653	26.758	ug/L	91
55) Styrene	12.178	104	350284	27.706	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	113104	25.371	ug/L	98
59) Bromoform	12.349	173	55222	25.740	ug/L	98
60) Isopropylbenzene	12.459	105	537850	24.108	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83849	23.594	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	409305	25.931	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	436555	25.669	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	235529	25.378	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	239382	25.229	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	227014	27.329	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	17520	21.085	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	160648	25.795	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	129551	25.745	ug/L	98
71) Naphthalene	15.360	128	268675	25.060	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	123390	27.174	ug/L	99

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

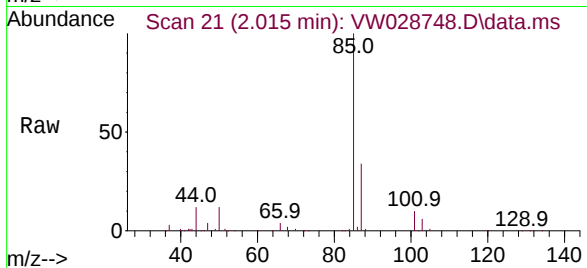
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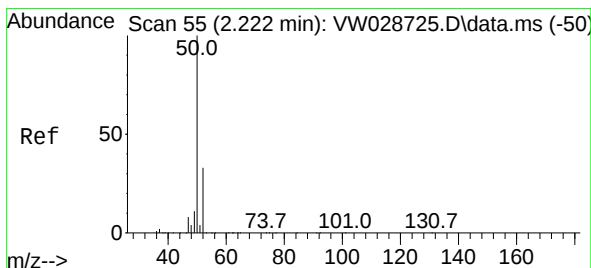
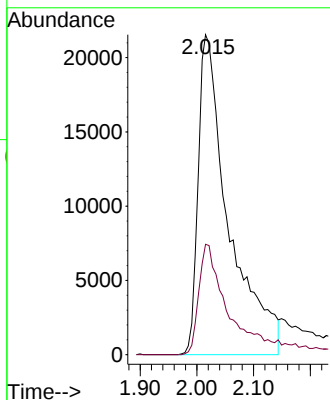
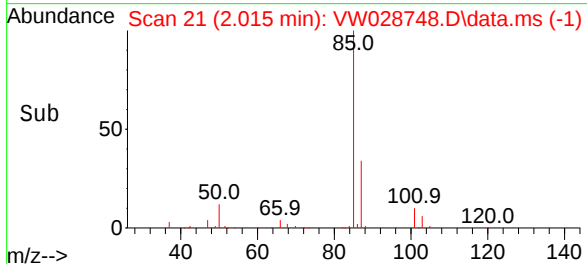


#2
 Dichlorodifluoromethane
 Concen: 18.187 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028748.D
 Acq: 24 May 2024 21:00

Instrument :
 MSVOA_W
 ClientSampleId :

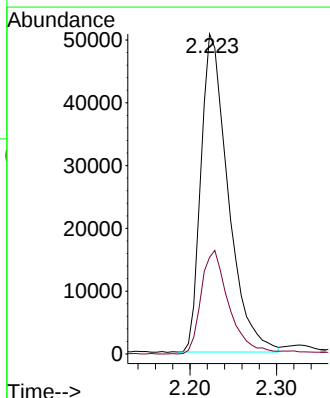
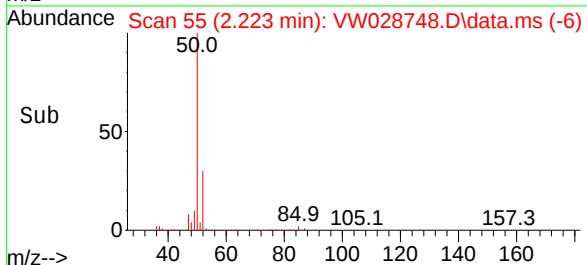
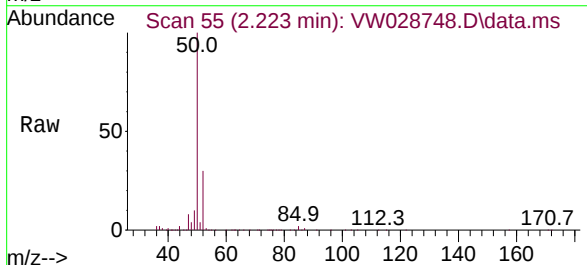


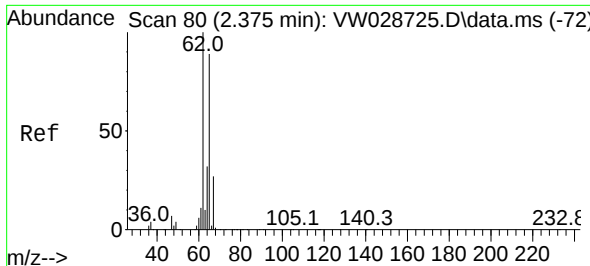
Tgt Ion: 85 Resp: 80413
 Ion Ratio Lower Upper
 85 100
 87 31.4 21.9 32.9



#3
 Chloromethane
 Concen: 20.188 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028748.D
 Acq: 24 May 2024 21:00

Tgt Ion: 50 Resp: 110583
 Ion Ratio Lower Upper
 50 100
 52 30.2 22.0 41.0

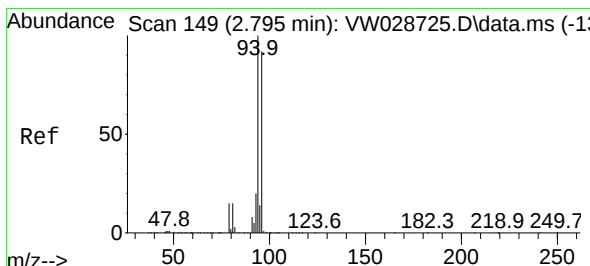
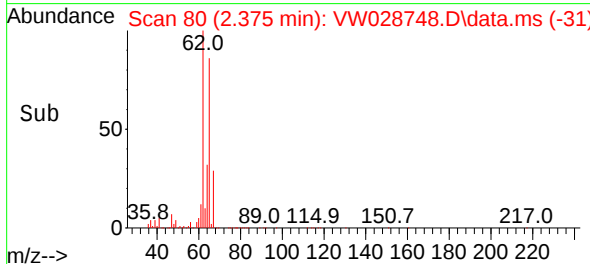
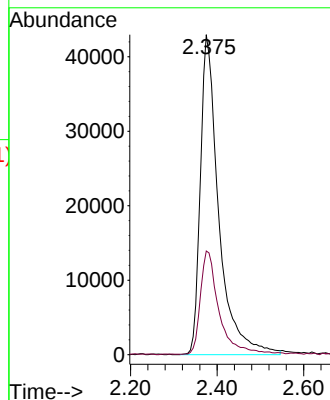
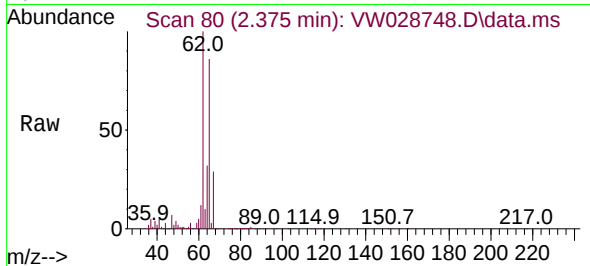




#5
 Vinyl chloride
 Concen: 20.518 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028748.D
 Acq: 24 May 2024 21:00

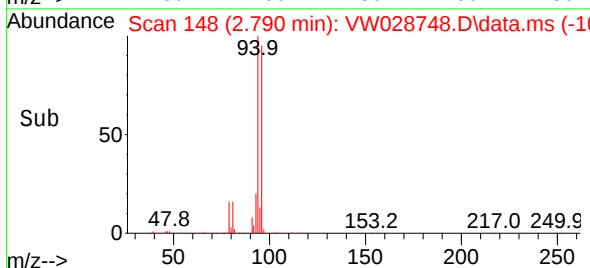
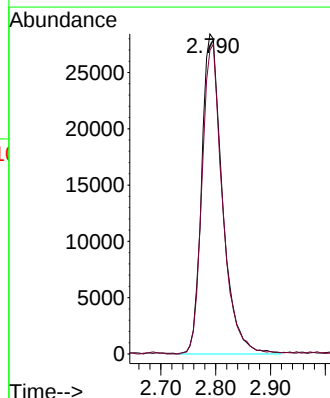
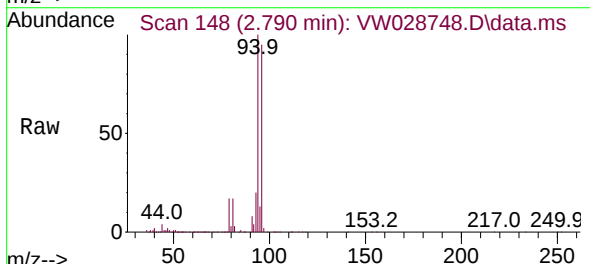
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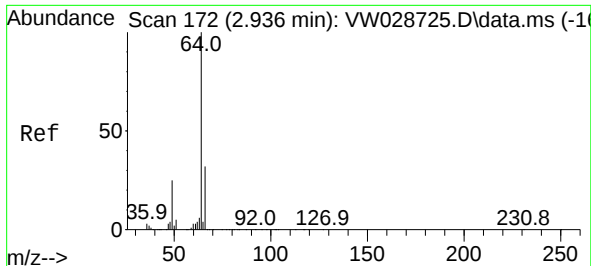
Tgt Ion: 62 Resp: 126534
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#6
 Bromomethane
 Concen: 20.935 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028748.D
 Acq: 24 May 2024 21:00

Tgt Ion: 94 Resp: 74685
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.3 123.1

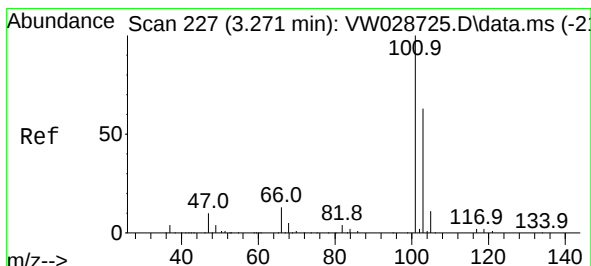
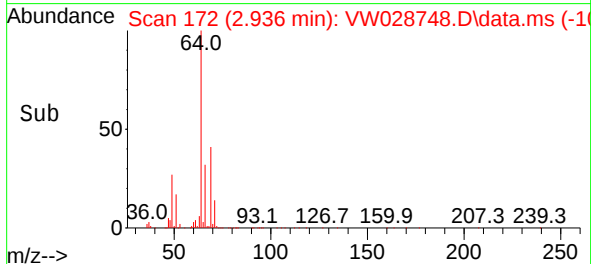
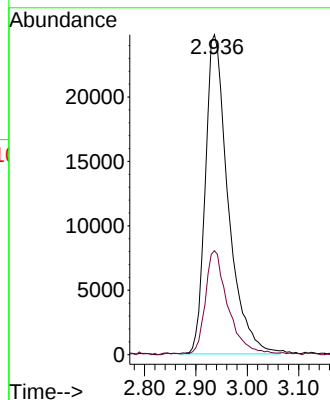
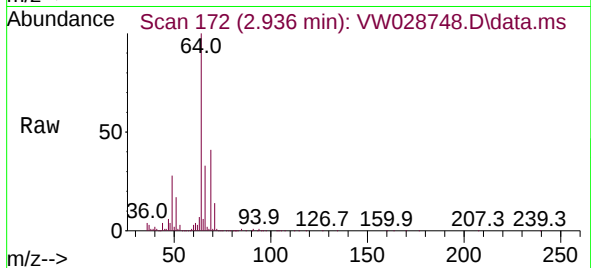




#8
Chloroethane
Concen: 21.695 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

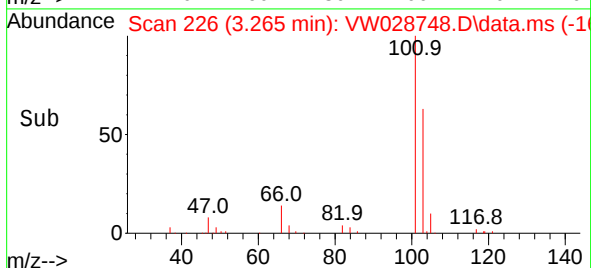
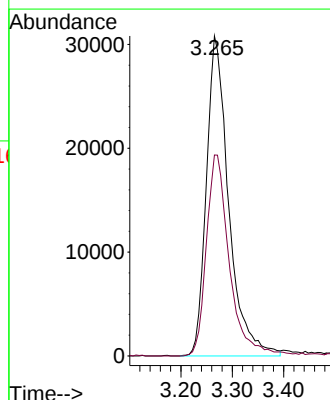
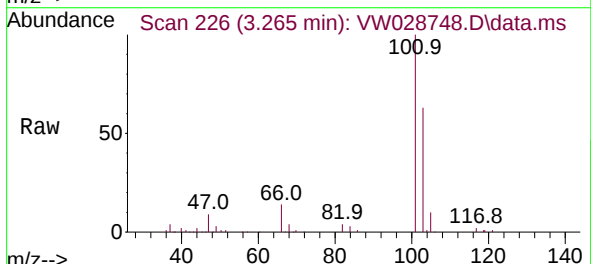
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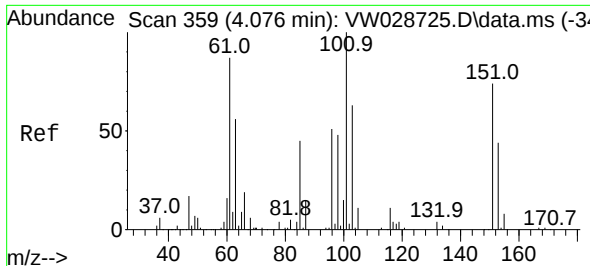
Tgt Ion: 64 Resp: 76300
Ion Ratio Lower Upper
64 100
66 32.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 18.327 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion:101 Resp: 92791
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6





#10

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

Concen: 21.628 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

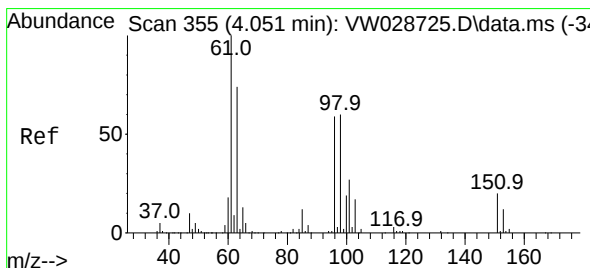
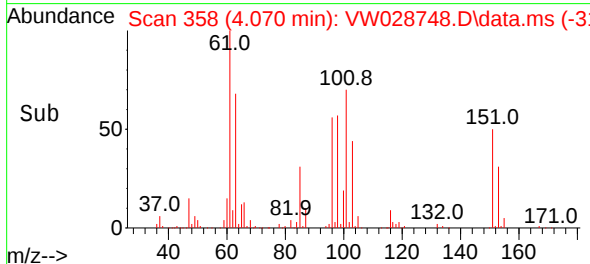
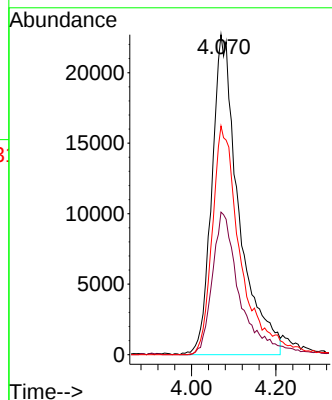
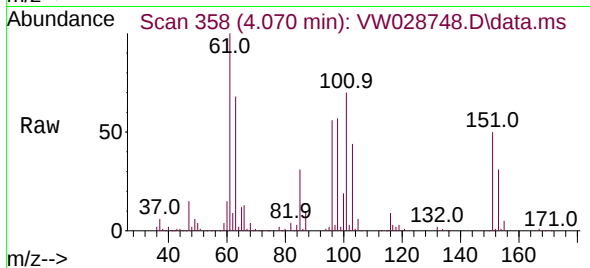
Tgt Ion:101 Resp: 100957

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.8

151 68.8 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.904 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

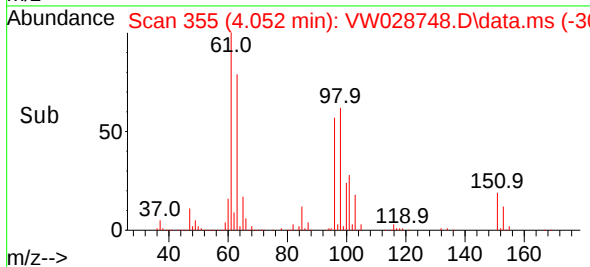
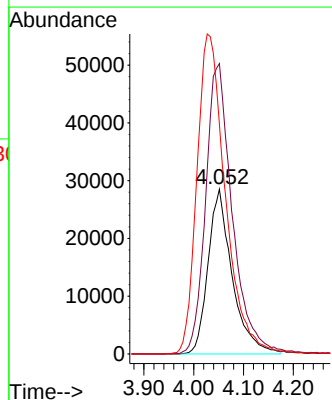
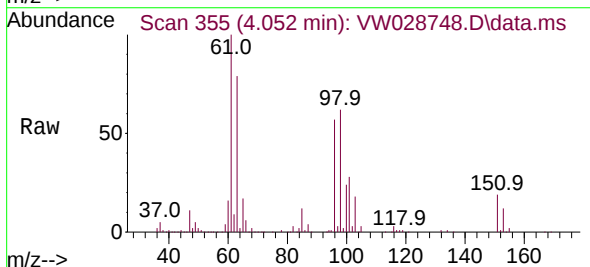
Tgt Ion: 96 Resp: 95908

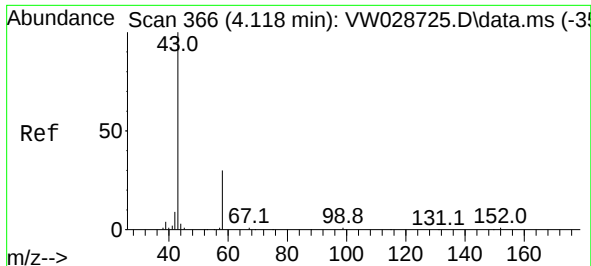
Ion Ratio Lower Upper

96 100

61 176.2 131.6 244.4

63 139.5 111.4 206.8

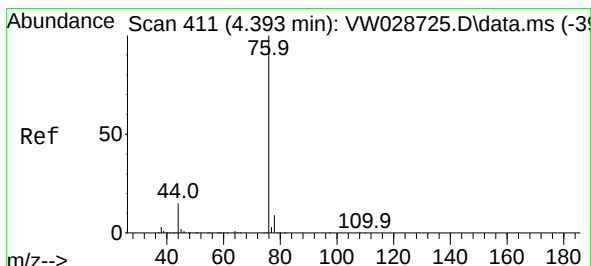
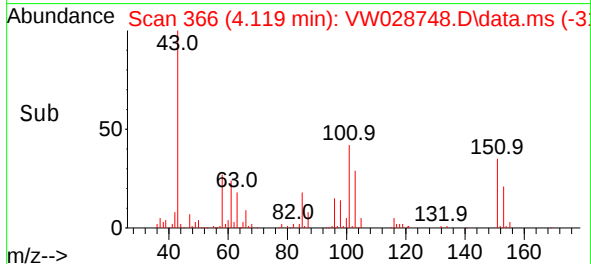
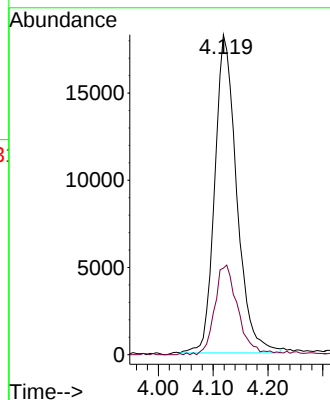
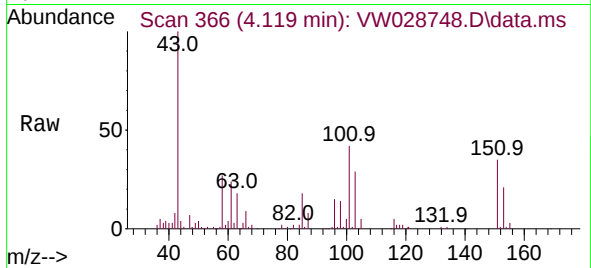




#13
Acetone
Concen: 37.069 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

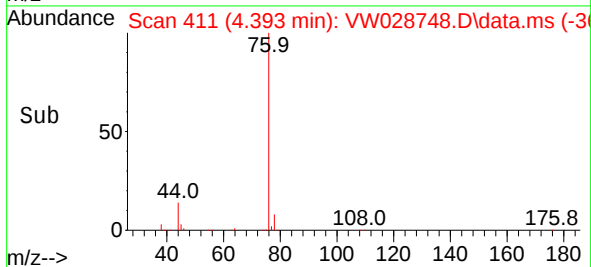
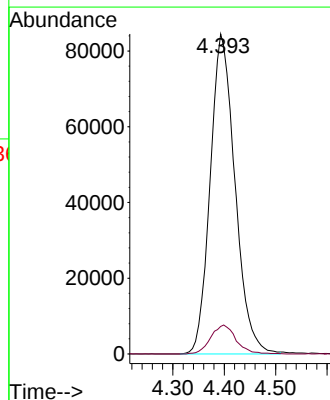
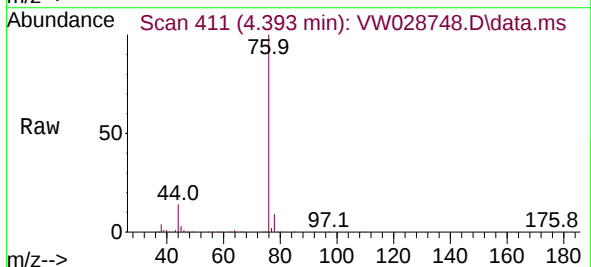
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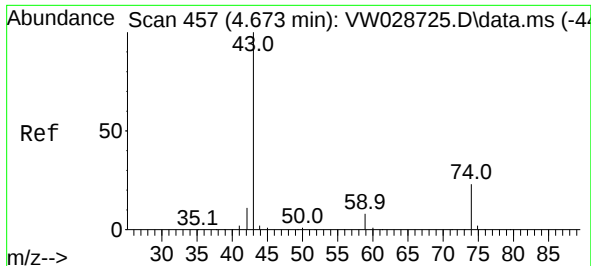
Tgt Ion: 43 Resp: 50832
Ion Ratio Lower Upper
43 100
58 28.9 0.0 54.4



#14
Carbon disulfide
Concen: 20.018 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion: 76 Resp: 283294
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#15

Methyl Acetate

Concen: 24.197 ug/L

RT: 4.673 min Scan# 457

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

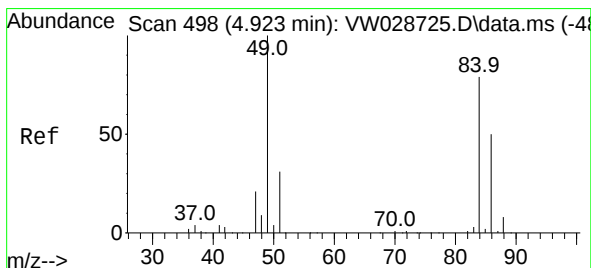
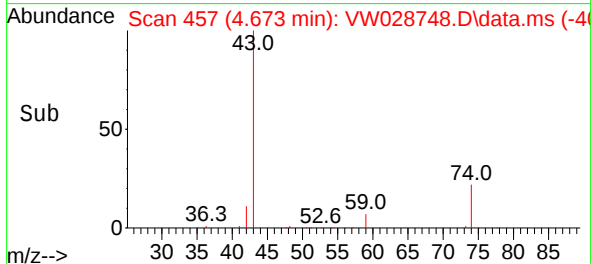
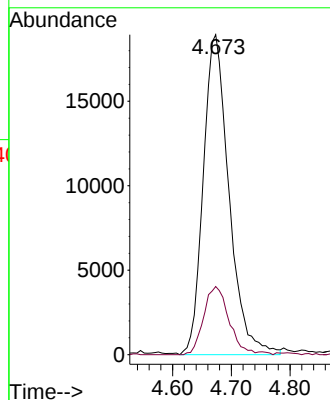
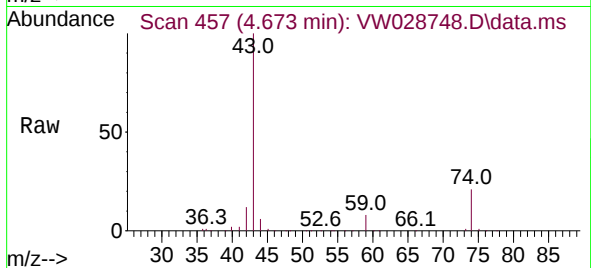
ClientSampleId :

Tgt Ion: 43 Resp: 57726

Ion Ratio Lower Upper

43 100

74 20.7 17.6 26.4



#16

Methylene chloride

Concen: 27.195 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

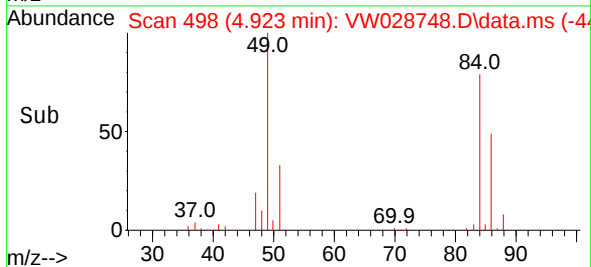
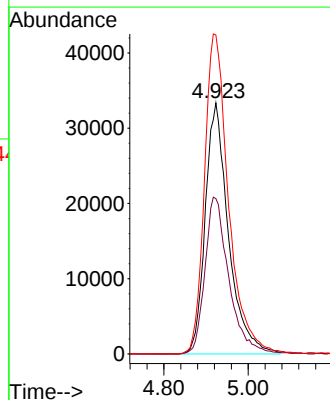
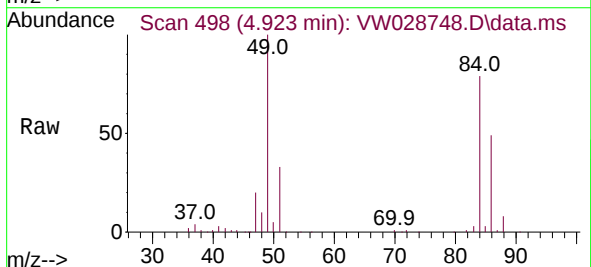
Tgt Ion: 84 Resp: 127967

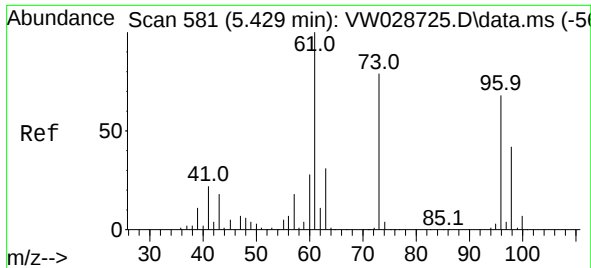
Ion Ratio Lower Upper

84 100

86 61.9 44.4 82.4

49 127.1 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.417 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

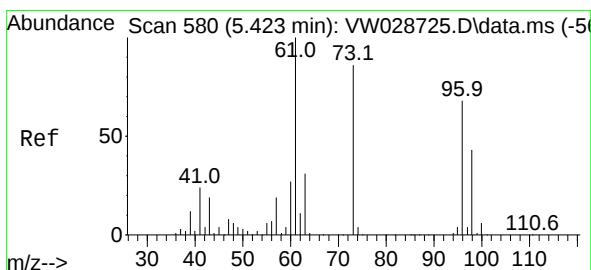
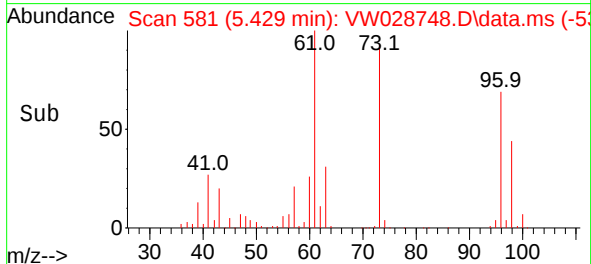
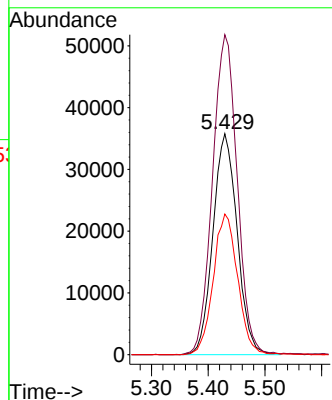
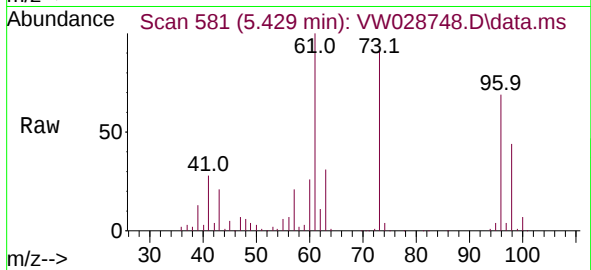
Tgt Ion: 96 Resp: 106446

Ion Ratio Lower Upper

96 100

61 144.8 109.0 202.4

98 63.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.811 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

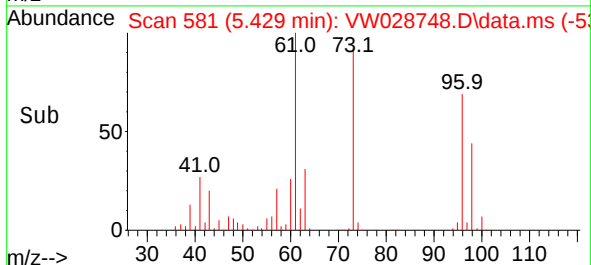
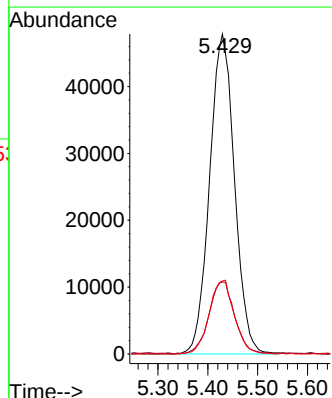
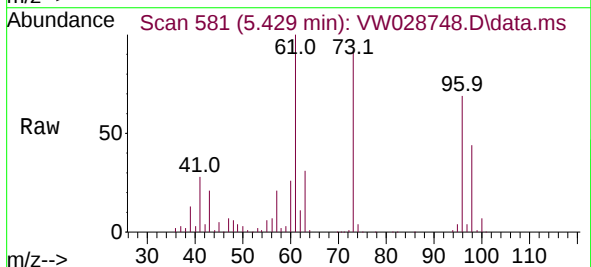
Tgt Ion: 73 Resp: 166053

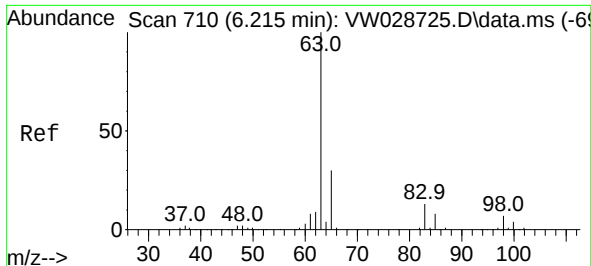
Ion Ratio Lower Upper

73 100

43 22.7 19.2 28.8

57 23.3 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.343 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

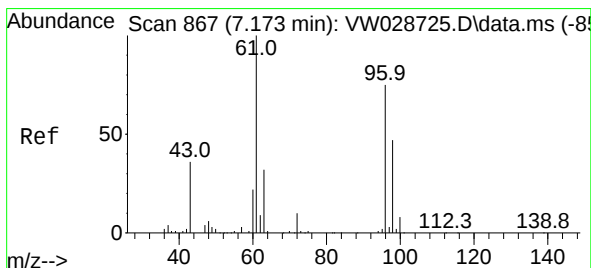
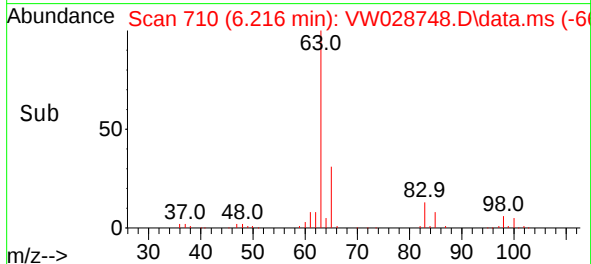
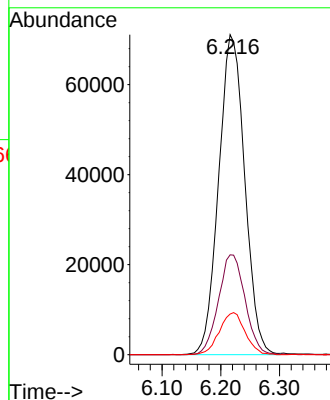
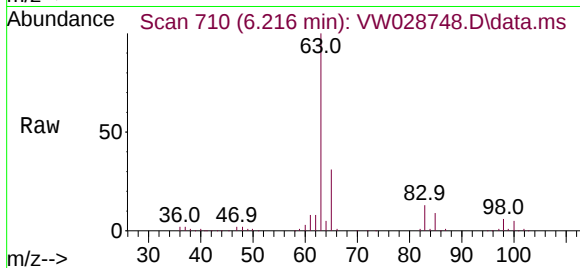
Tgt Ion: 63 Resp: 219082

Ion Ratio Lower Upper

63 100

65 31.2 22.9 42.5

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.320 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

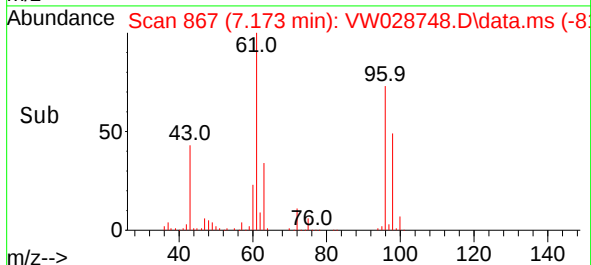
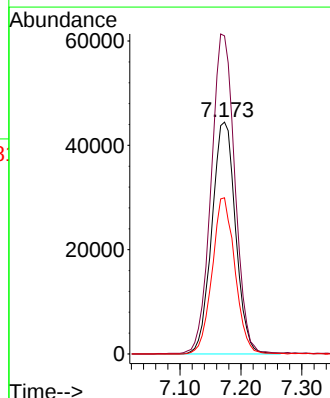
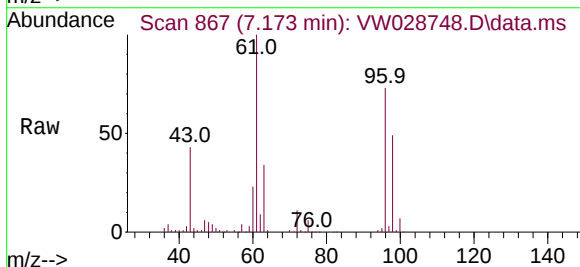
Tgt Ion: 96 Resp: 120083

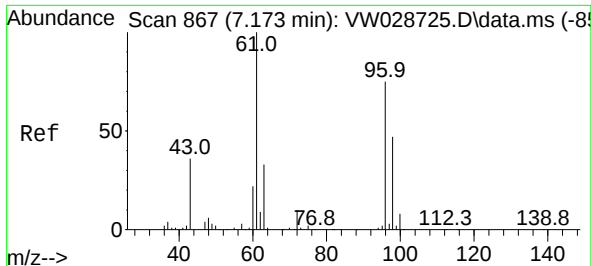
Ion Ratio Lower Upper

96 100

61 137.2 102.8 191.0

98 67.4 44.3 82.3

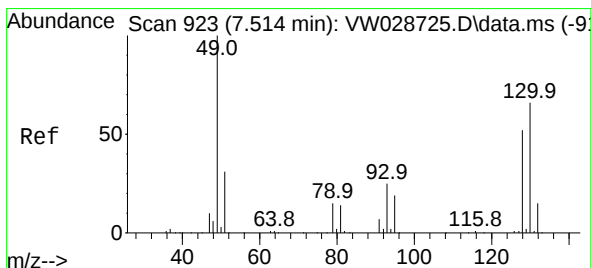
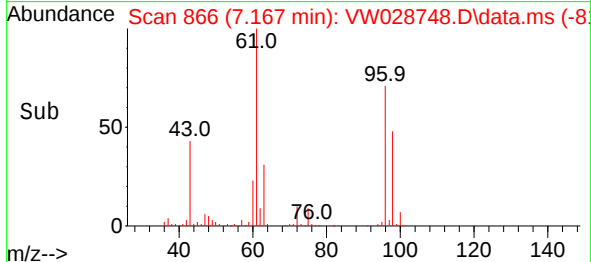
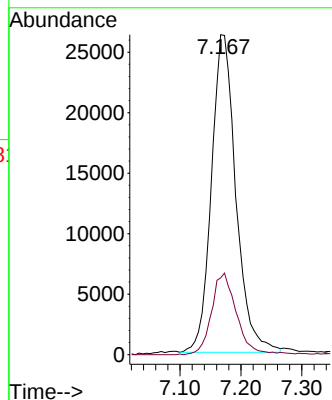
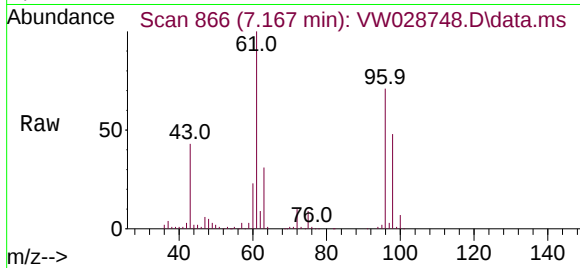




#22
2-Butanone
Concen: 41.695 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

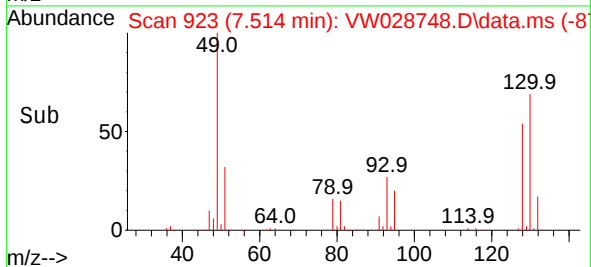
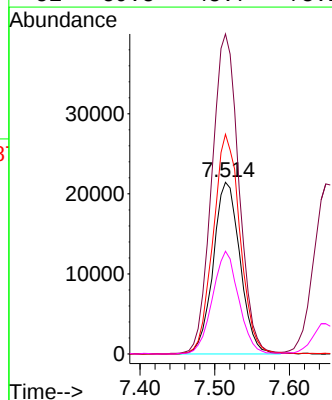
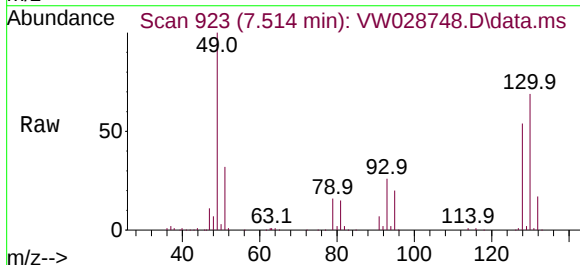
Instrument :
MSVOA_W
ClientSampleId :

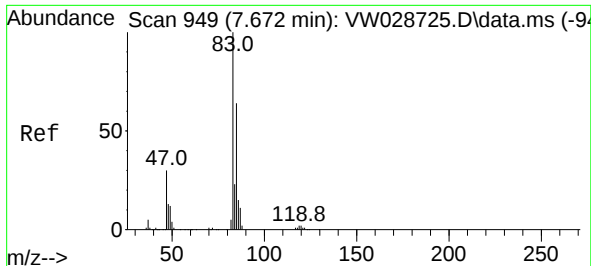
Tgt Ion: 43 Resp: 73386
Ion Ratio Lower Upper
43 100
72 25.9 12.2 36.6



#23
Bromochloromethane
Concen: 26.840 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion: 128 Resp: 53416
Ion Ratio Lower Upper
128 100
49 186.5 139.6 259.2
130 128.0 91.2 169.4
51 59.8 48.7 73.1





#25

Chloroform

Concen: 26.014 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

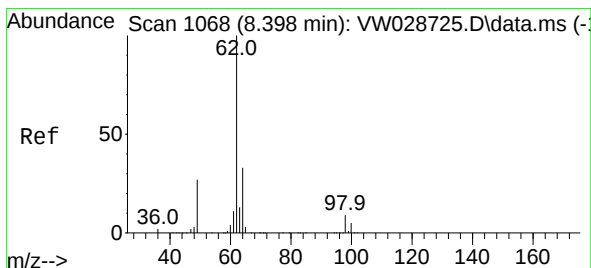
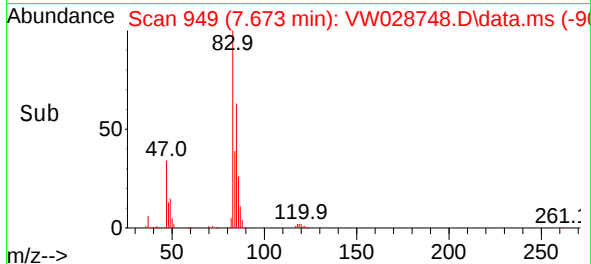
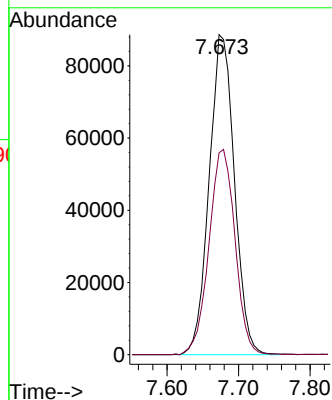
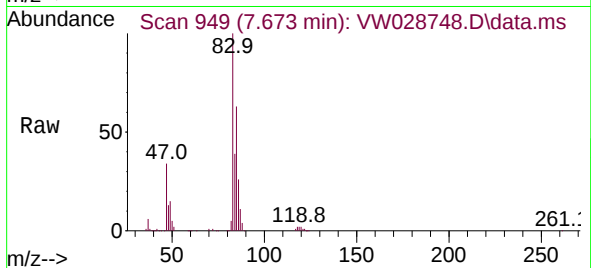
ClientSampleId :

Tgt Ion: 83 Resp: 217514

Ion Ratio Lower Upper

83 100

85 63.1 43.4 80.6



#27

1,2-Dichloroethane

Concen: 25.425 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028748.D

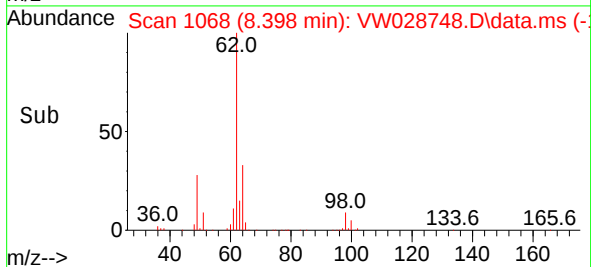
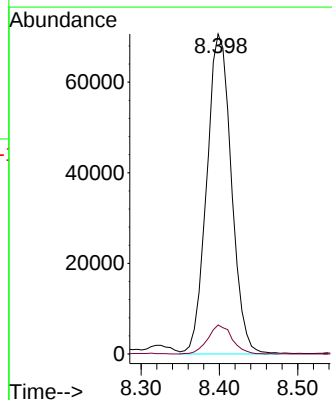
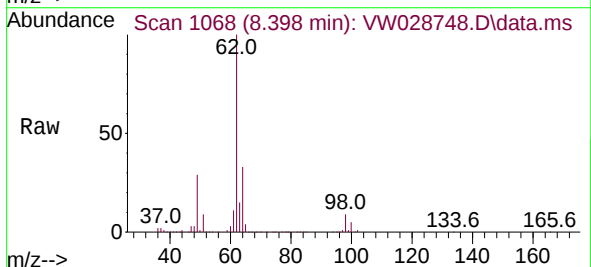
Acq: 24 May 2024 21:00

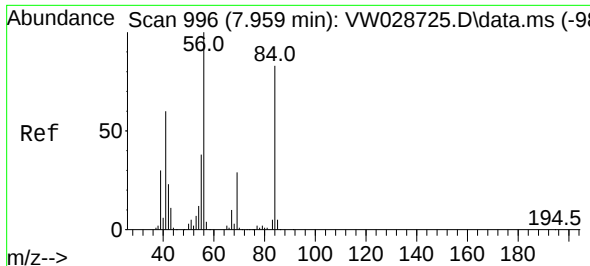
Tgt Ion: 62 Resp: 154538

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.6





#29

Cyclohexane

Concen: 20.499 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

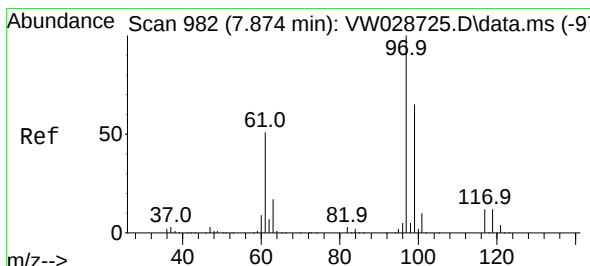
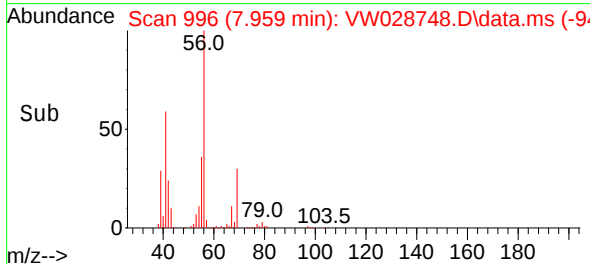
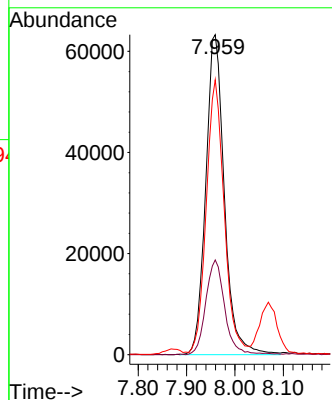
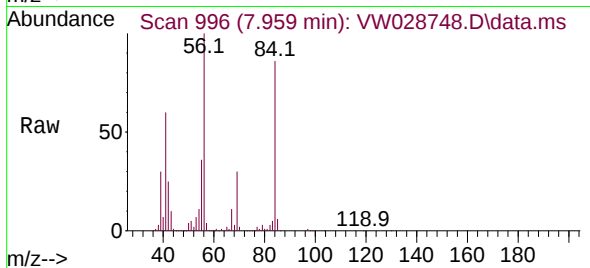
Tgt Ion: 56 Resp: 169666

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 82.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 22.568 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

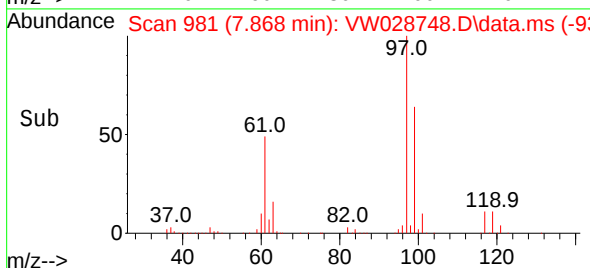
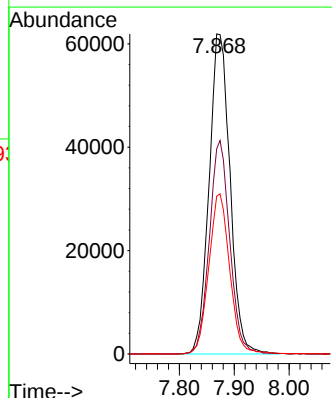
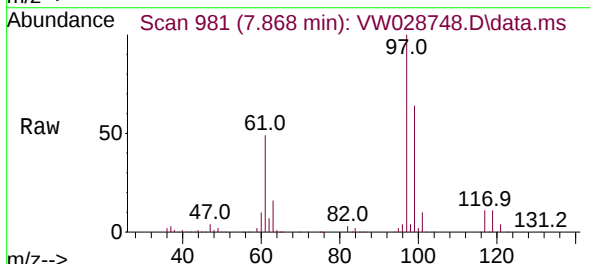
Tgt Ion: 97 Resp: 164166

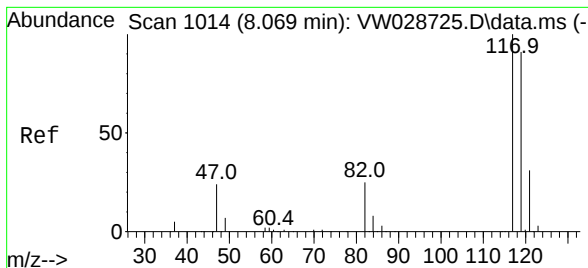
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 49.9 41.0 61.6





#31

Carbon tetrachloride

Concen: 22.063 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

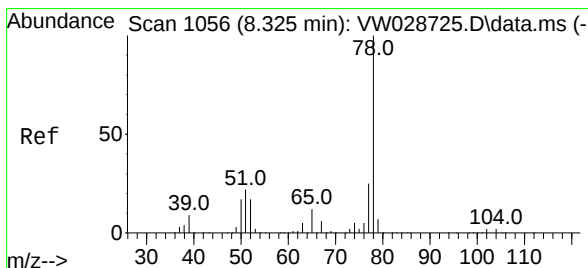
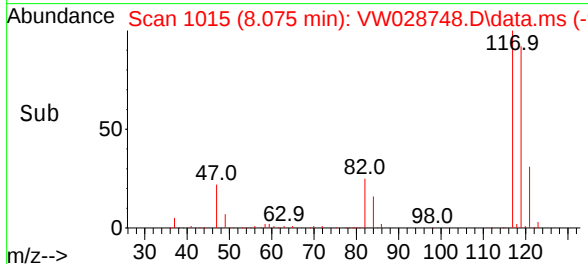
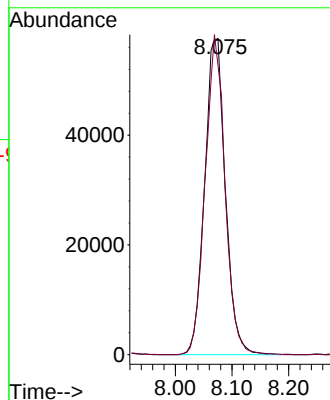
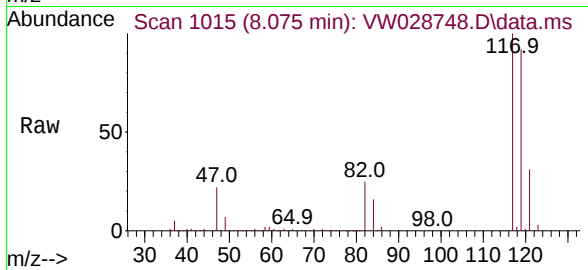
ClientSampleId :

Tgt Ion:117 Resp: 146334

Ion Ratio Lower Upper

117 100

119 96.9 77.2 115.8



#33

Benzene

Concen: 24.755 ug/L

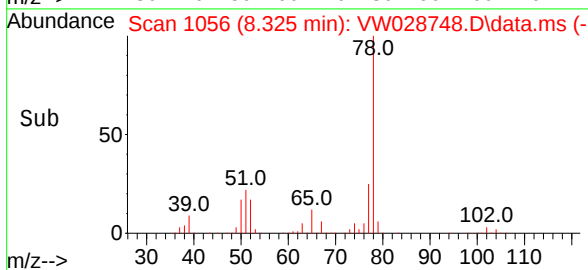
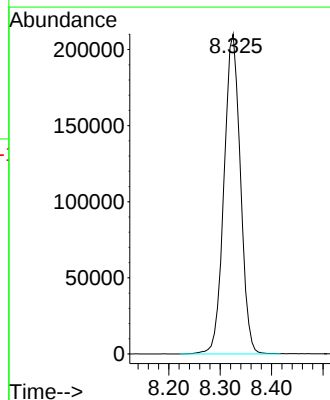
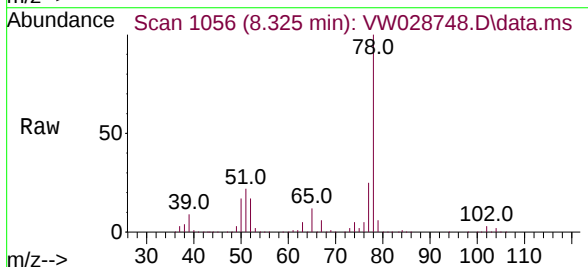
RT: 8.325 min Scan# 1056

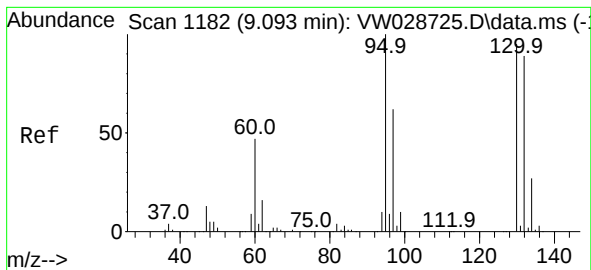
Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Tgt Ion: 78 Resp: 465989





#34

Trichloroethene

Concen: 23.739 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 119811

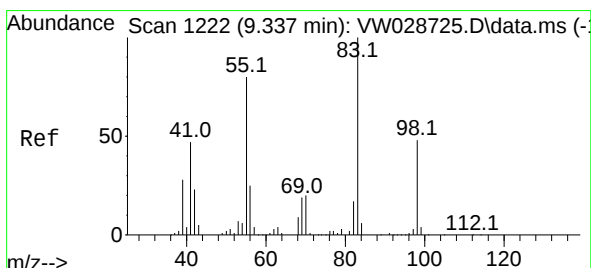
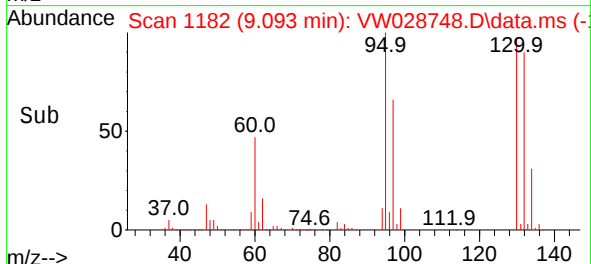
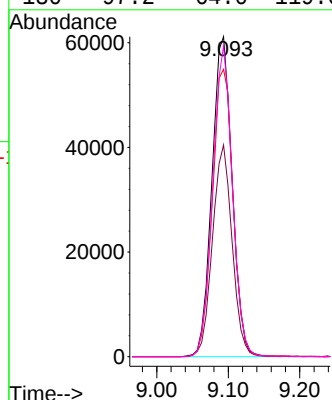
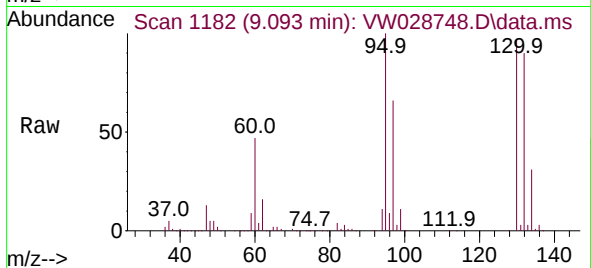
Ion Ratio Lower Upper

95 100

97 66.2 44.9 83.3

132 89.8 59.7 110.9

130 97.2 64.0 119.0



#35

Methylcyclohexane

Concen: 20.841 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

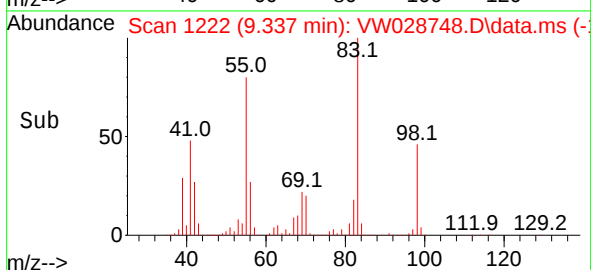
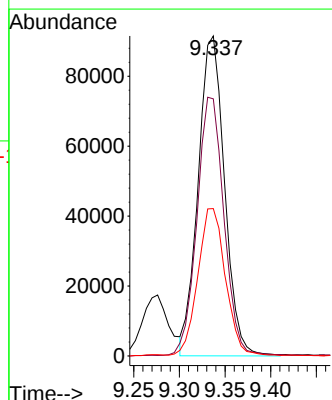
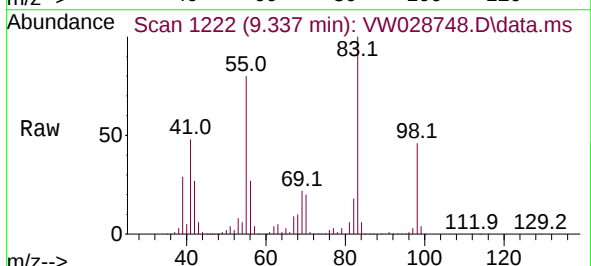
Tgt Ion: 83 Resp: 183814

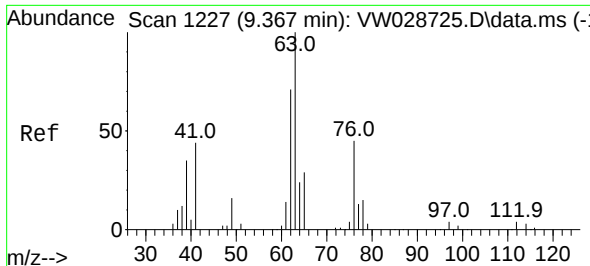
Ion Ratio Lower Upper

83 100

55 82.6 66.9 100.3

98 48.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 25.733 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

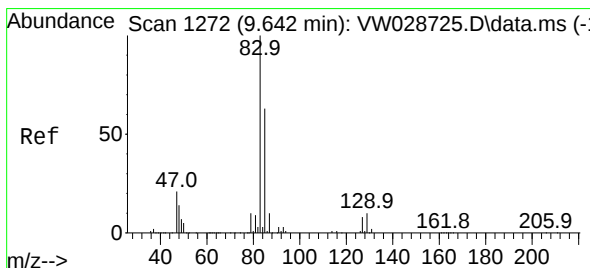
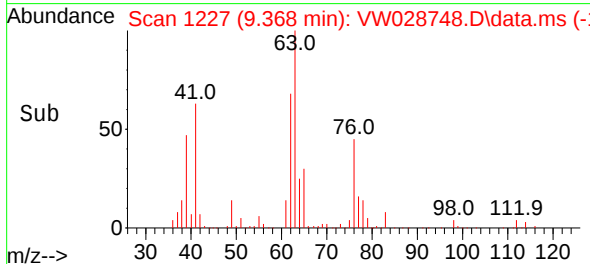
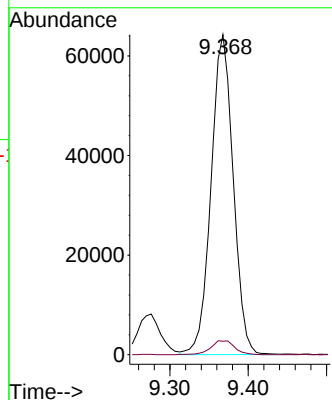
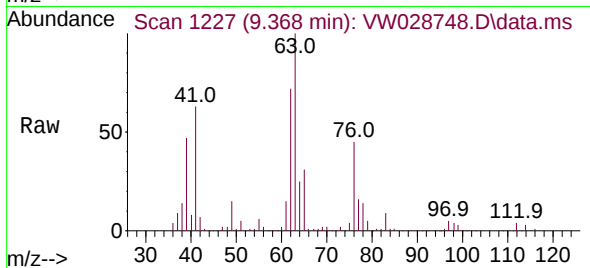
ClientSampleId :

Tgt Ion: 63 Resp: 126224

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 26.187 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

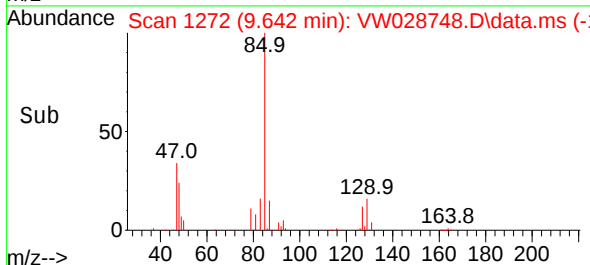
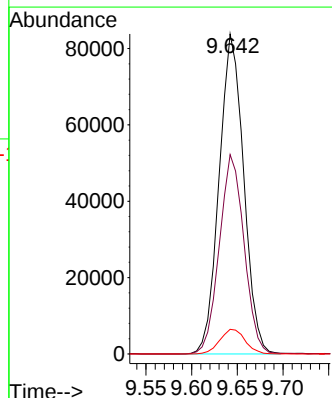
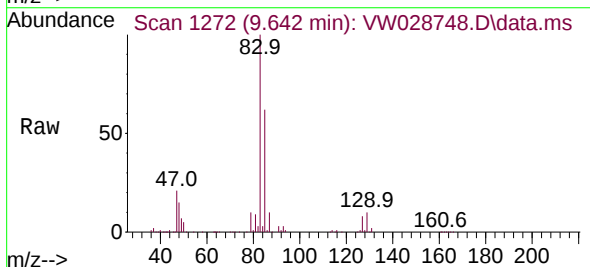
Tgt Ion: 83 Resp: 156578

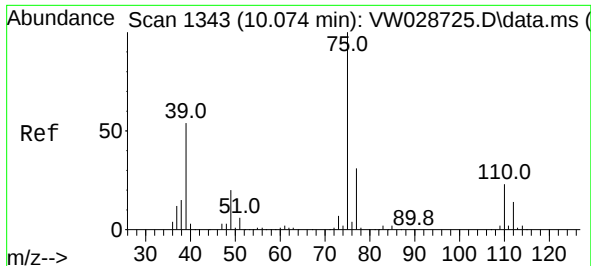
Ion Ratio Lower Upper

83 100

85 62.3 43.0 80.0

127 7.7 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.570 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

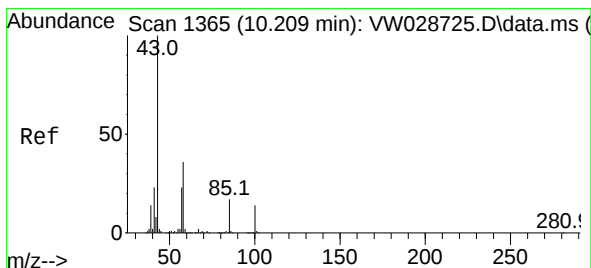
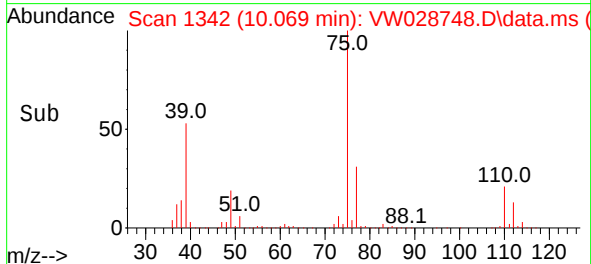
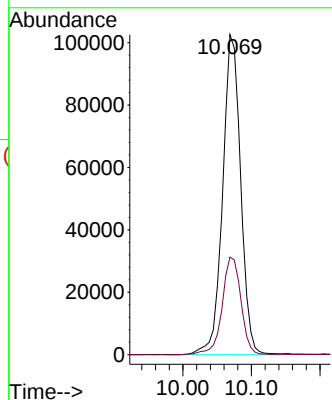
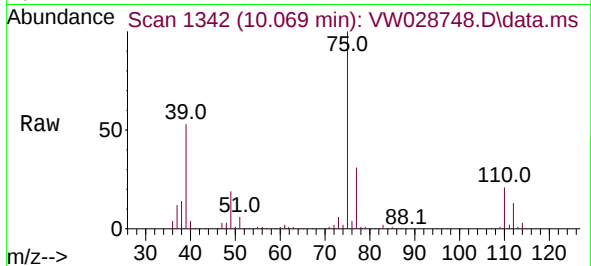
ClientSampleId :

Tgt Ion: 75 Resp: 186801

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.877 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

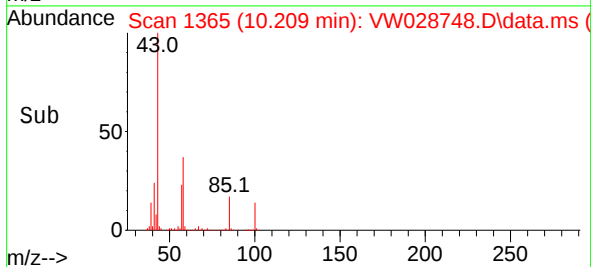
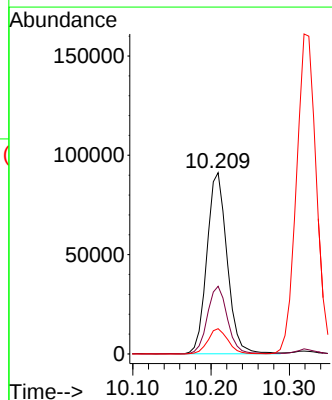
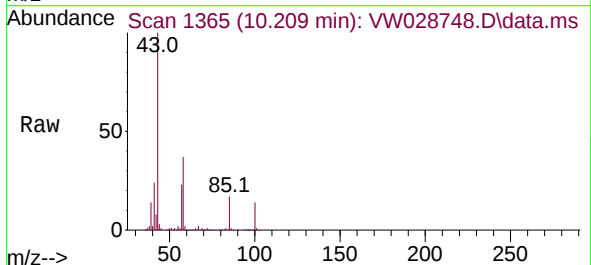
Tgt Ion: 43 Resp: 163169

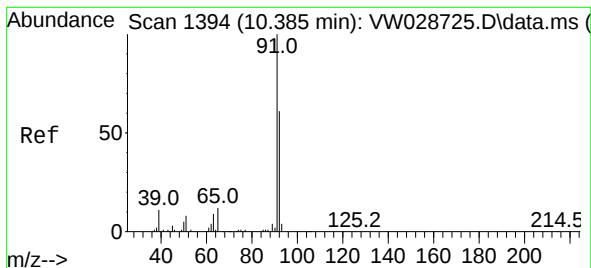
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 14.0 11.0 16.4





#42

Toluene

Concen: 25.155 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

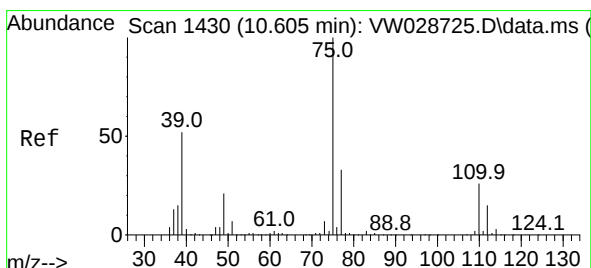
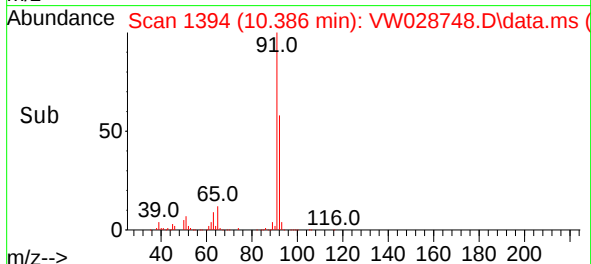
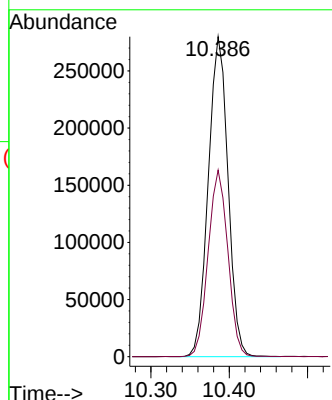
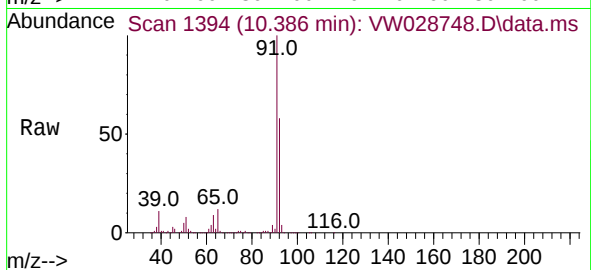
ClientSampleId :

Tgt Ion: 91 Resp: 489080

Ion Ratio Lower Upper

91 100

92 58.3 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.510 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028748.D

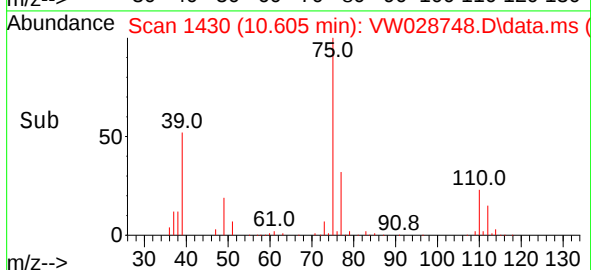
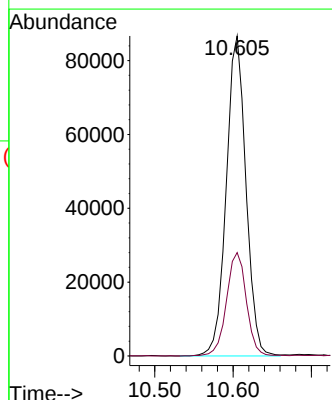
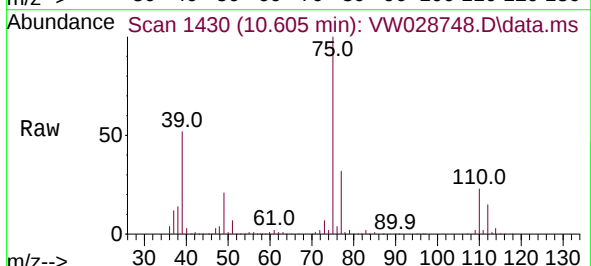
Acq: 24 May 2024 21:00

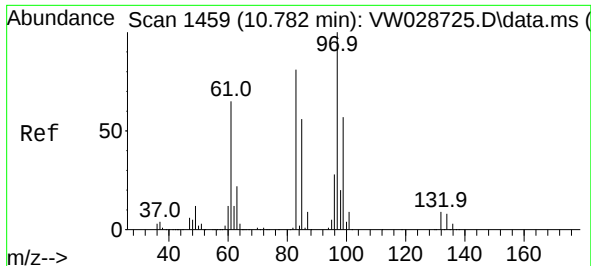
Tgt Ion: 75 Resp: 151217

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 25.974 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 92292

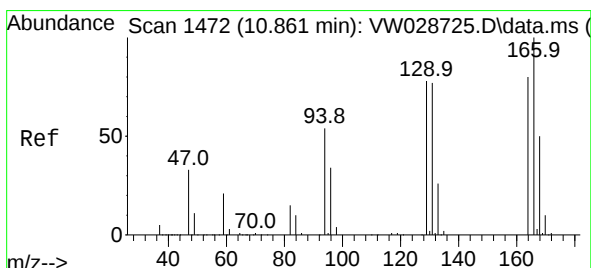
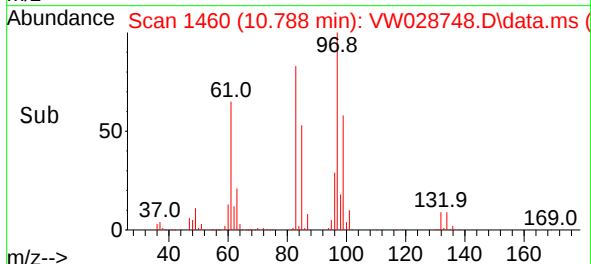
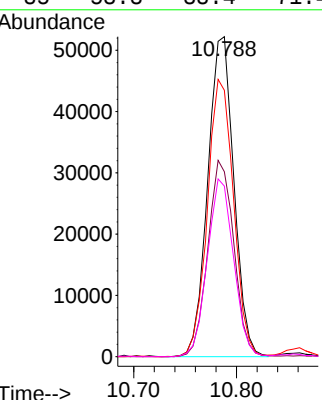
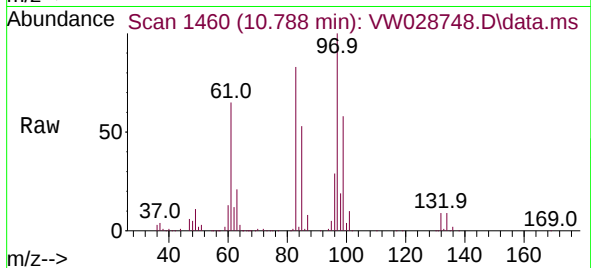
Ion Ratio Lower Upper

97 100

99 57.8 41.9 77.9

83 83.3 62.1 115.3

85 53.3 38.4 71.4



#46

Tetrachloroethene

Concen: 23.379 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Tgt Ion:164 Resp: 85010

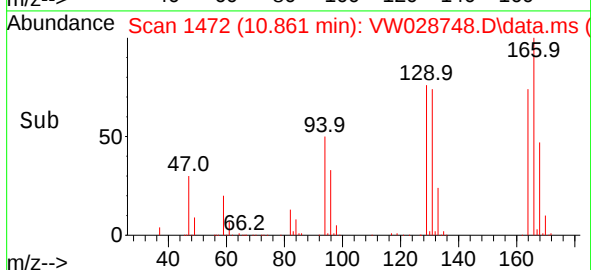
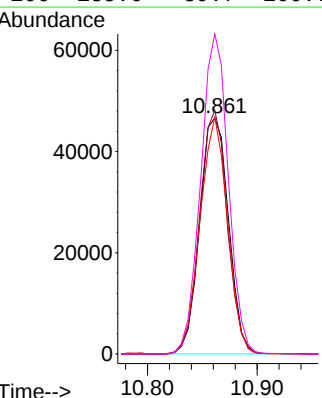
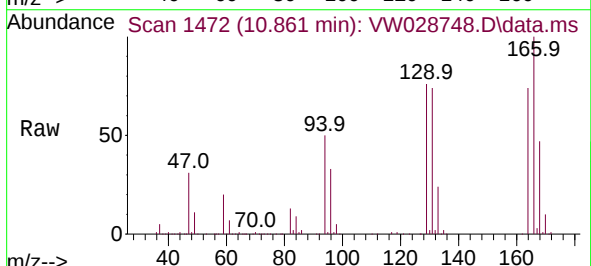
Ion Ratio Lower Upper

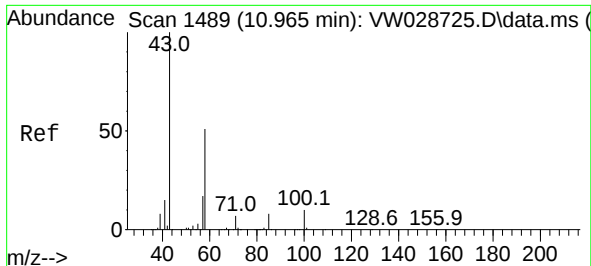
164 100

129 103.3 69.2 128.6

131 100.4 67.7 125.7

166 135.6 89.7 166.7





#48

2-Hexanone

Concen: 48.530 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 114378

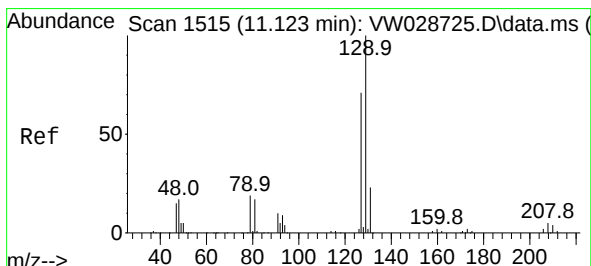
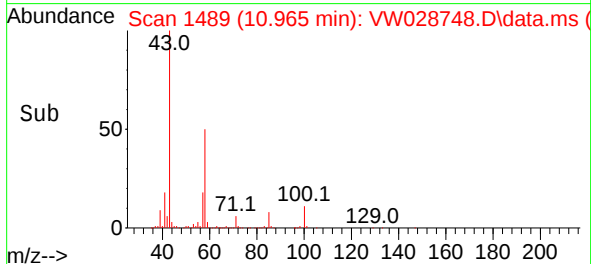
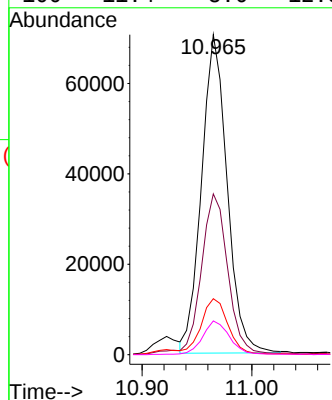
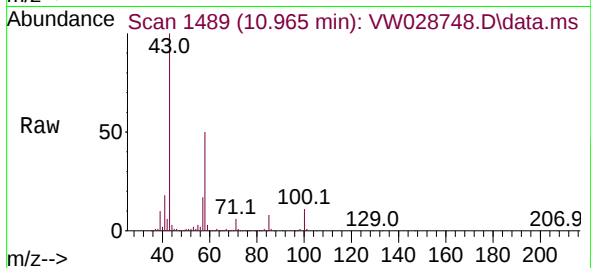
Ion Ratio Lower Upper

43 100

58 50.3 41.0 61.4

57 18.3 14.8 22.2

100 11.4 8.6 12.8



#49

Dibromochloromethane

Concen: 26.915 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028748.D

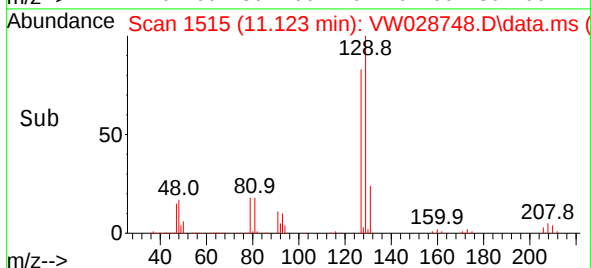
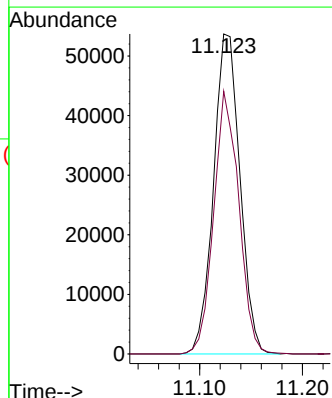
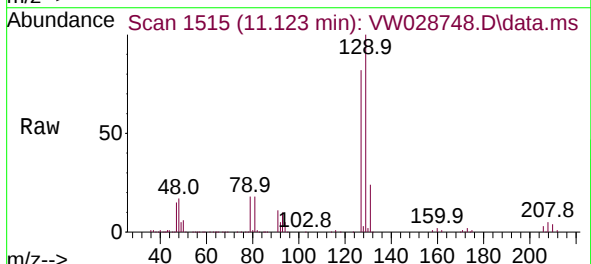
Acq: 24 May 2024 21:00

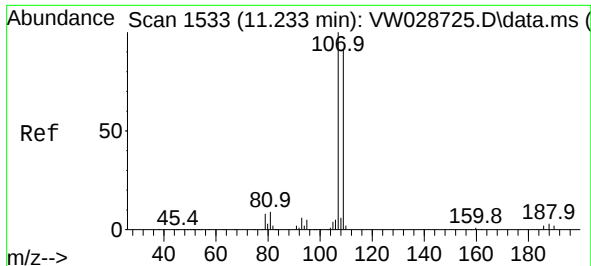
Tgt Ion:129 Resp: 95928

Ion Ratio Lower Upper

129 100

127 82.1 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.380 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

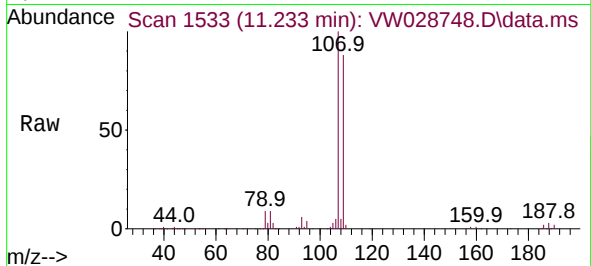
Lab File: VW028748.D

Acq: 24 May 2024 21:00

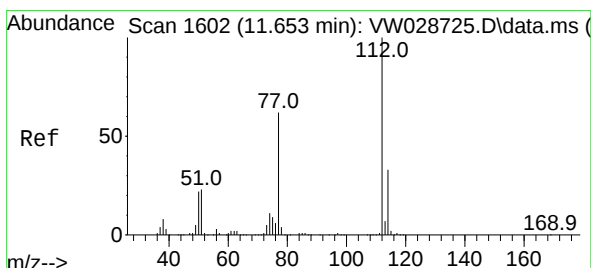
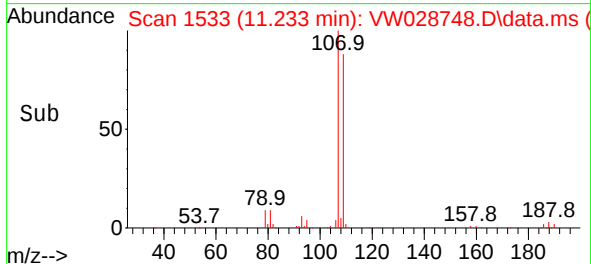
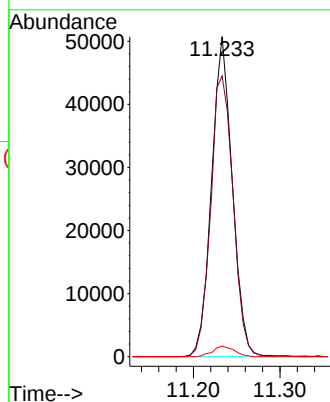
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	84477
Ion Ratio	Lower	Upper	
107	100		
109	87.7	64.2	119.2
188	3.5	3.1	4.7



#51

Chlorobenzene

Concen: 26.539 ug/L

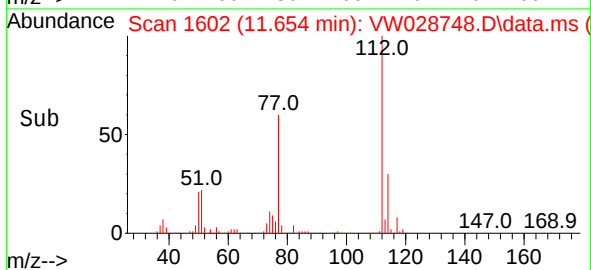
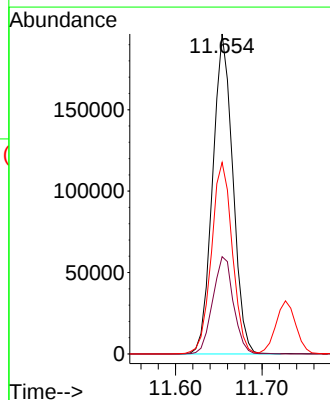
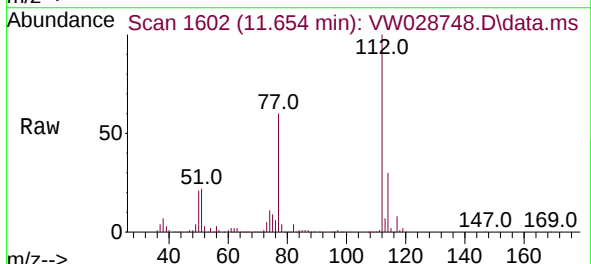
RT: 11.654 min Scan# 1602

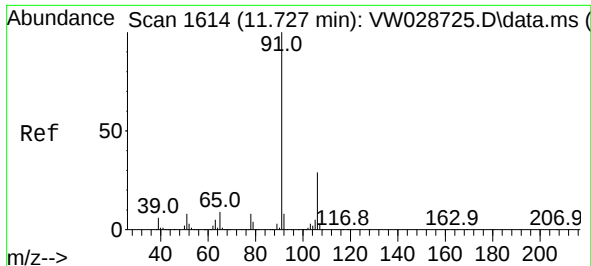
Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Tgt Ion:	112	Resp:	319168
Ion Ratio	Lower	Upper	
112	100		
114	30.4	22.2	41.2
77	59.8	50.8	76.2

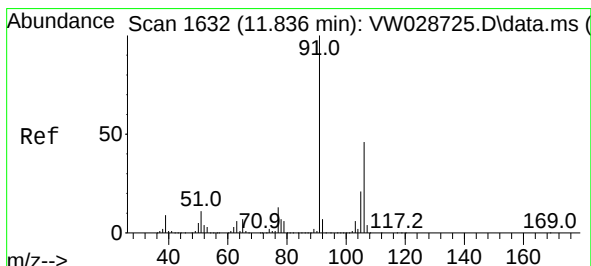
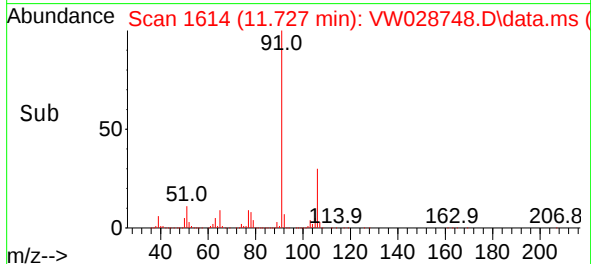
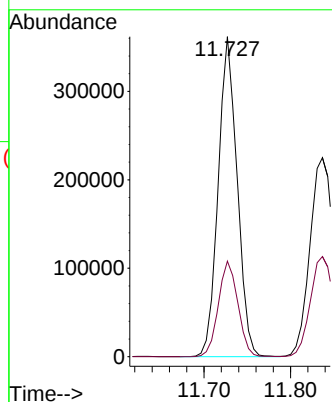
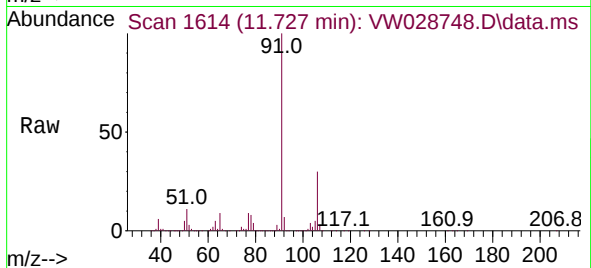




#52
Ethylbenzene
Concen: 25.007 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

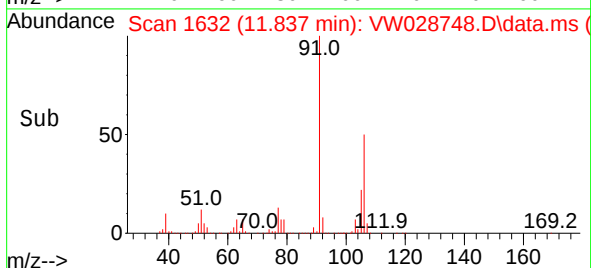
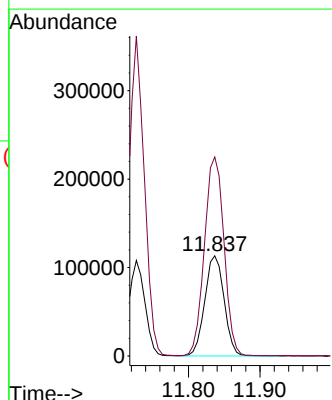
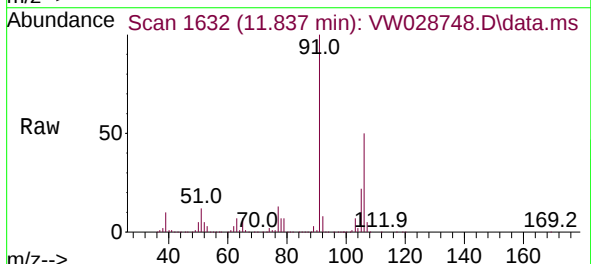
Instrument :
MSVOA_W
ClientSampleId :

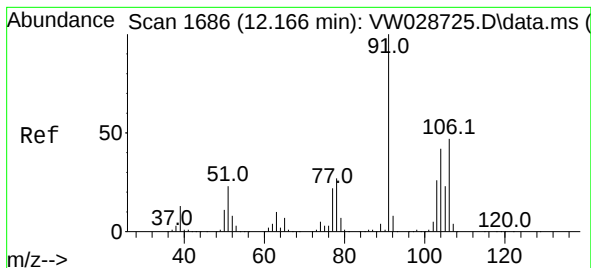
Tgt Ion: 91 Resp: 550215
Ion Ratio Lower Upper
91 100
106 29.8 22.7 42.1



#53
m,p-Xylene
Concen: 26.355 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion:106 Resp: 212556
Ion Ratio Lower Upper
106 100
91 198.6 146.6 272.2





#54

o-Xylene

Concen: 26.758 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

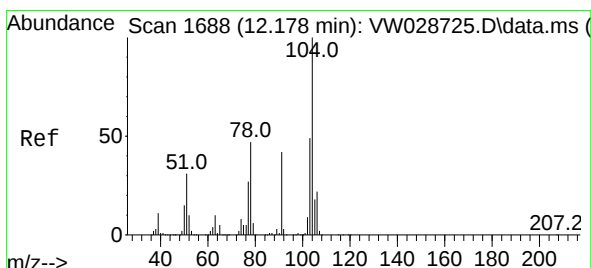
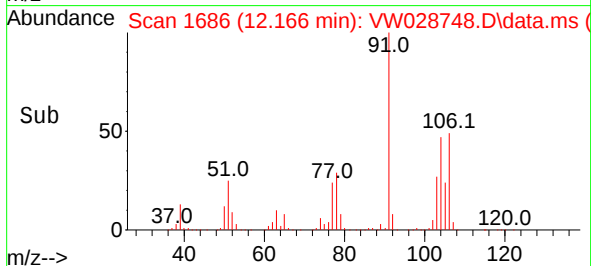
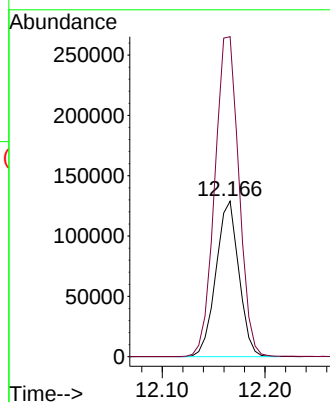
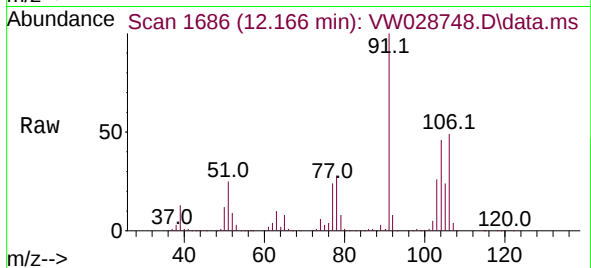
ClientSampleId :

Tgt Ion:106 Resp: 199653

Ion Ratio Lower Upper

106 100

91 205.8 154.3 286.5



#55

Styrene

Concen: 27.706 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028748.D

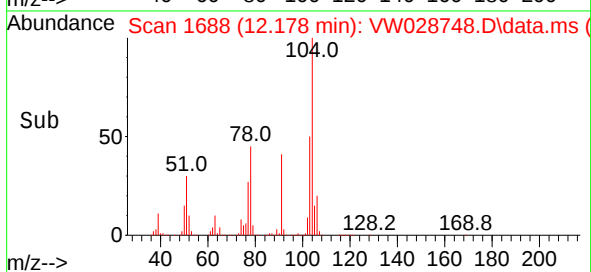
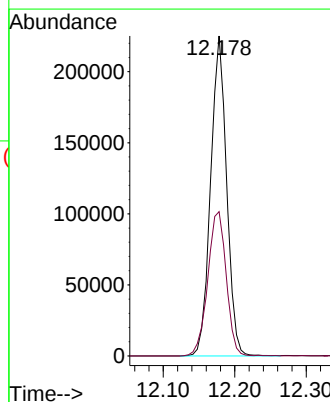
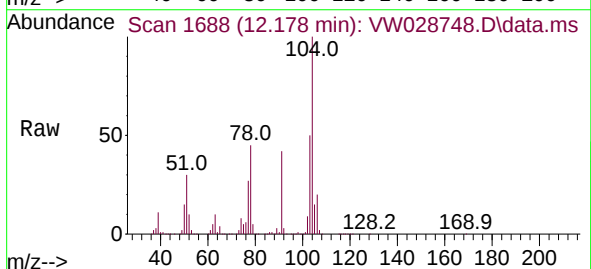
Acq: 24 May 2024 21:00

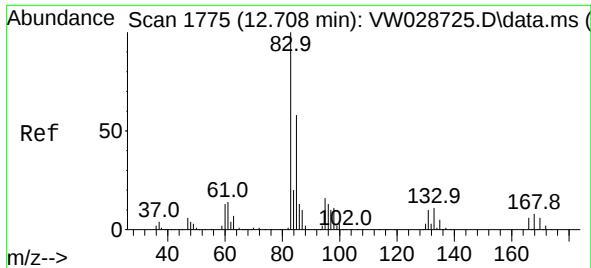
Tgt Ion:104 Resp: 350284

Ion Ratio Lower Upper

104 100

78 45.1 34.1 63.3

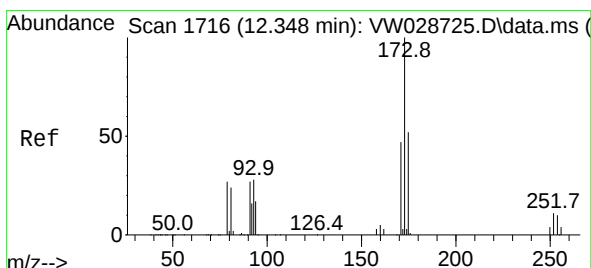
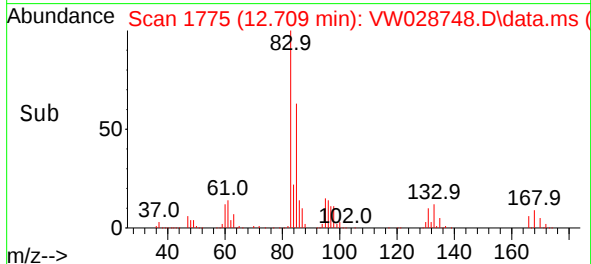
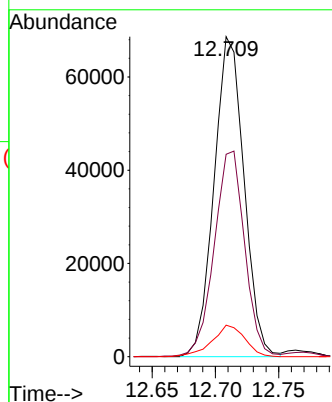
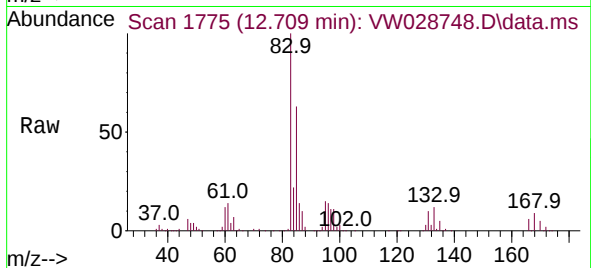




#57
1,1,2,2-Tetrachloroethane
Concen: 25.371 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

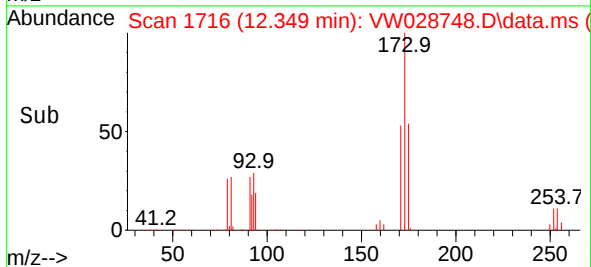
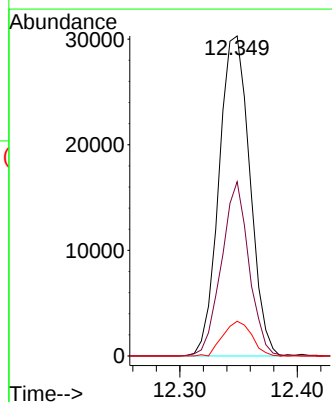
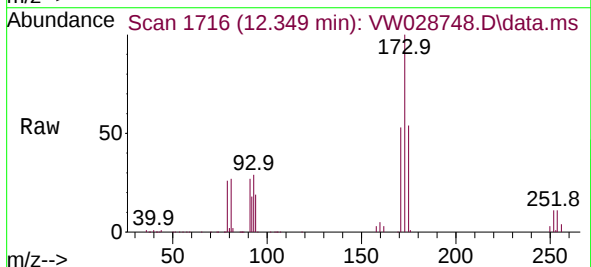
Instrument :
MSVOA_W
ClientSampleId :

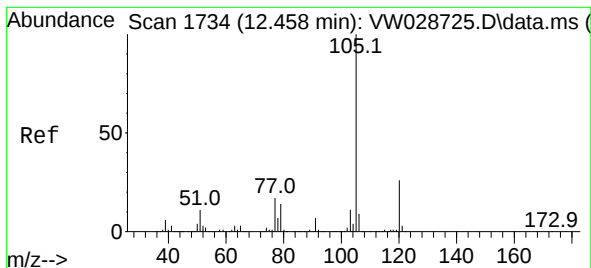
Tgt Ion: 83 Resp: 113104
Ion Ratio Lower Upper
83 100
85 63.2 45.6 84.6
131 9.8 7.3 10.9



#59
Bromoform
Concen: 25.740 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion:173 Resp: 55222
Ion Ratio Lower Upper
173 100
175 48.5 39.8 59.8
254 10.1 7.1 10.7





#60

Isopropylbenzene

Concen: 24.108 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

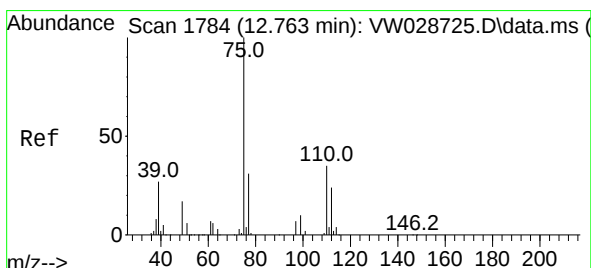
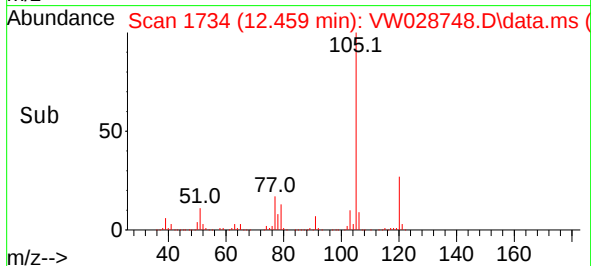
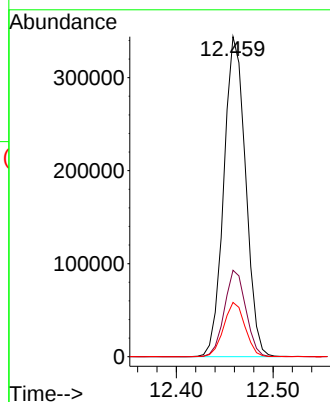
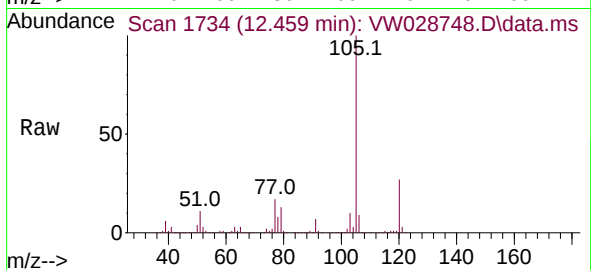
Tgt Ion:105 Resp: 537850

Ion Ratio Lower Upper

105 100

120 26.5 20.5 30.7

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.594 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

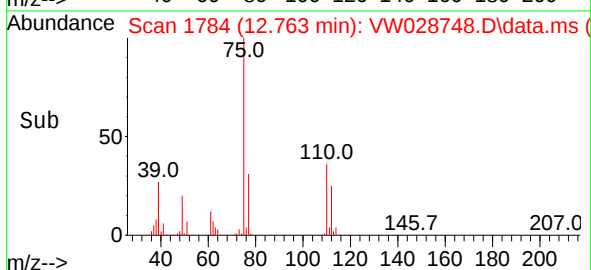
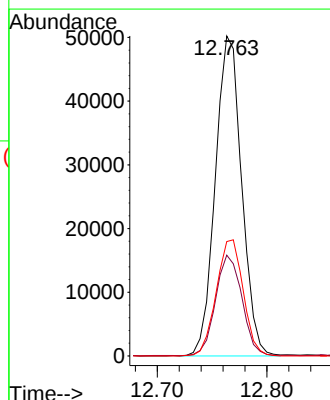
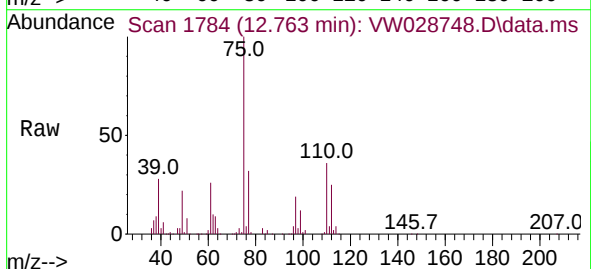
Tgt Ion: 75 Resp: 83849

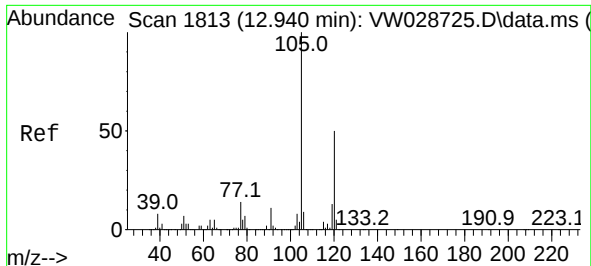
Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9

110 37.1 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 25.931 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

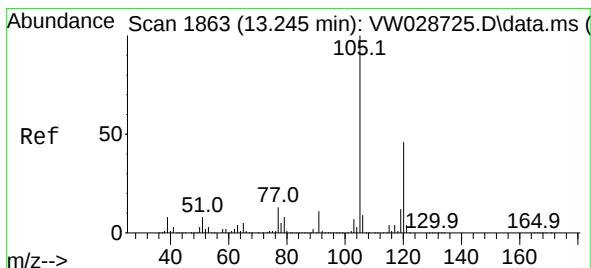
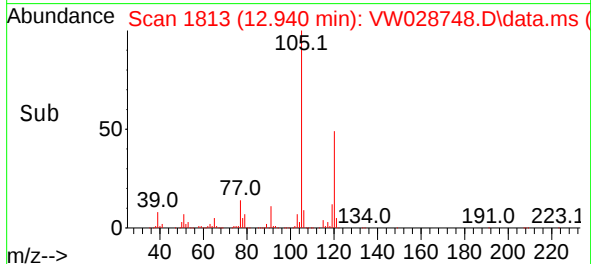
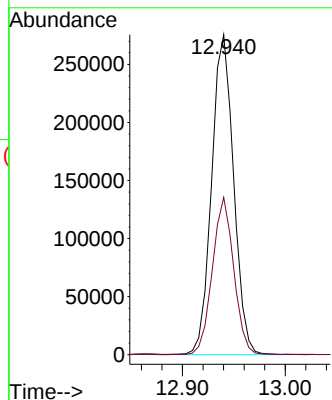
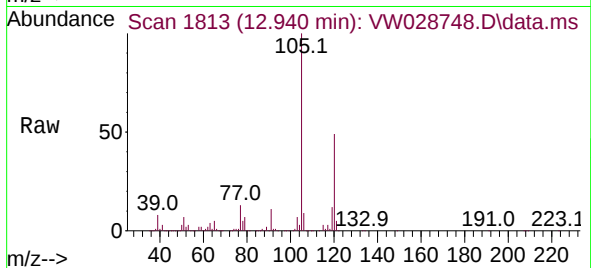
ClientSampleId :

Tgt Ion:105 Resp: 409305

Ion Ratio Lower Upper

105 100

120 47.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.669 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028748.D

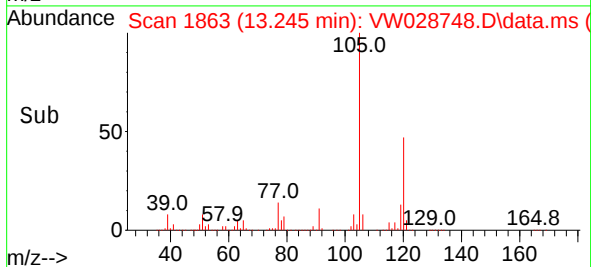
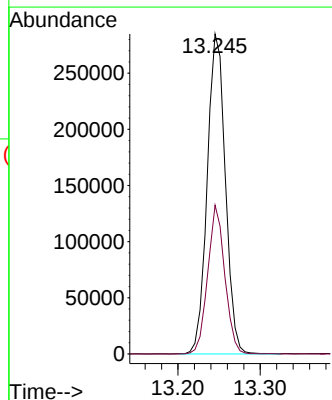
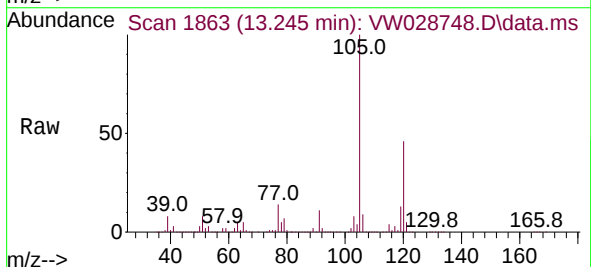
Acq: 24 May 2024 21:00

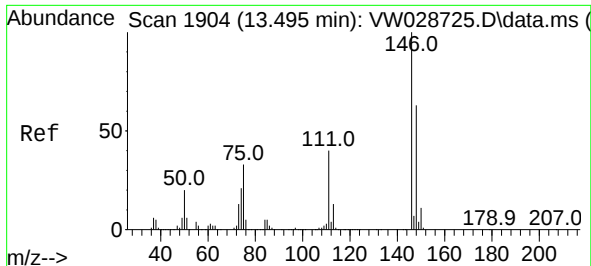
Tgt Ion:105 Resp: 436555

Ion Ratio Lower Upper

105 100

120 43.7 34.1 51.1

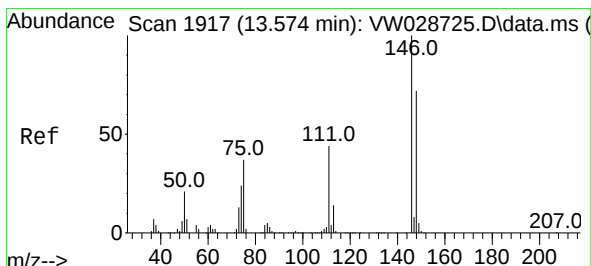
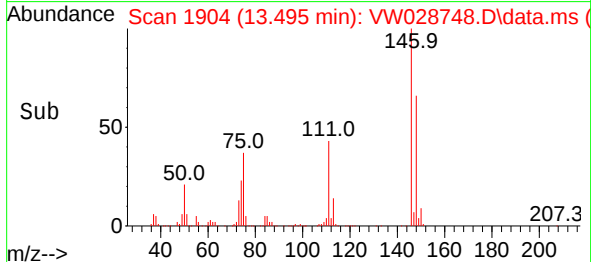
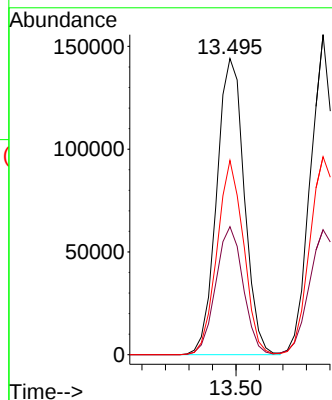
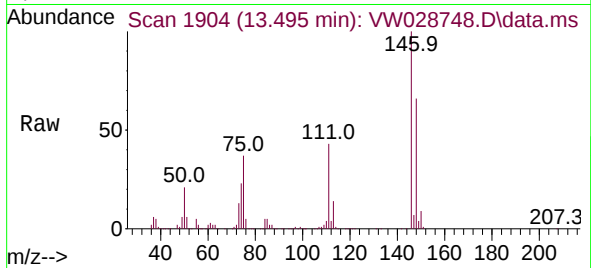




#64
1,3-Dichlorobenzene
Concen: 25.378 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

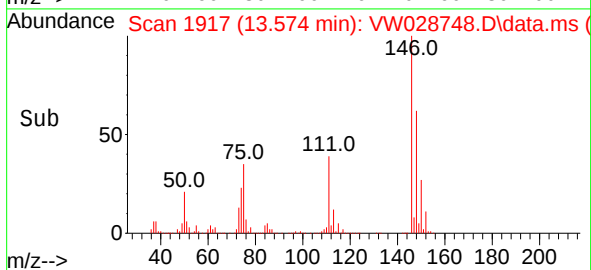
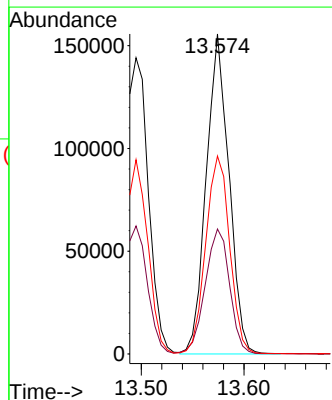
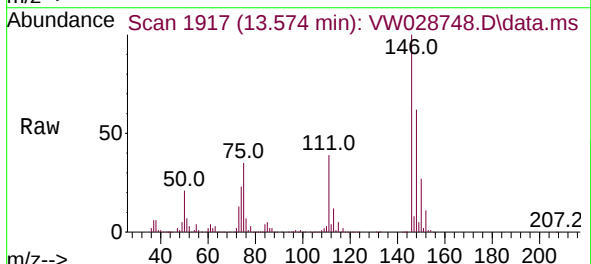
Instrument :
MSVOA_W
ClientSampleId :

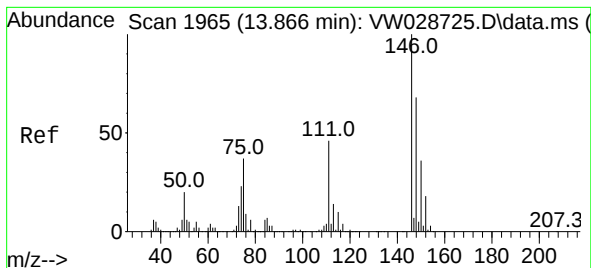
Tgt Ion:146 Resp: 235529
Ion Ratio Lower Upper
146 100
111 43.2 30.7 57.1
148 65.6 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 25.229 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

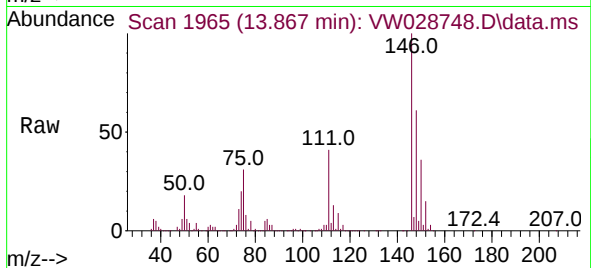
Tgt Ion:146 Resp: 239382
Ion Ratio Lower Upper
146 100
111 39.0 29.1 54.1
148 61.9 41.2 76.6



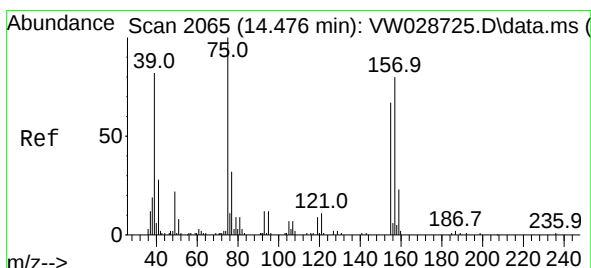
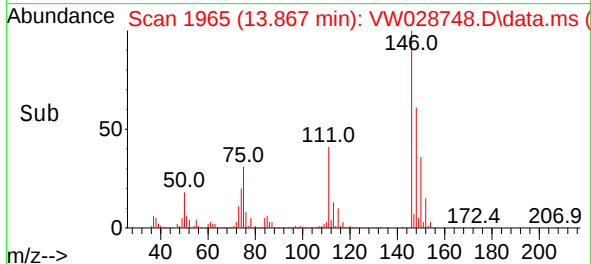
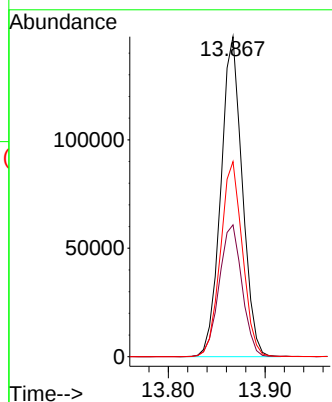


#67
1,2-Dichlorobenzene
Concen: 27.329 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Instrument :
MSVOA_W
ClientSampleId :

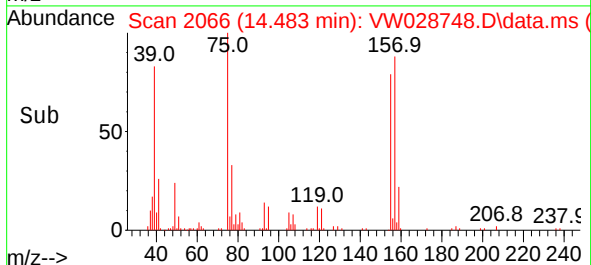
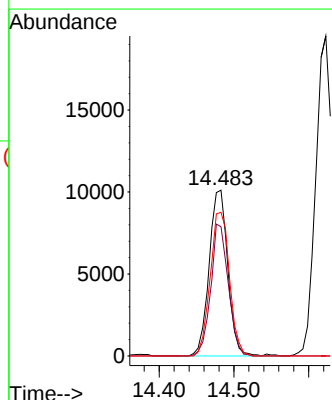
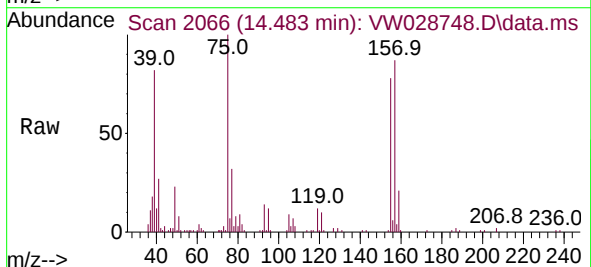


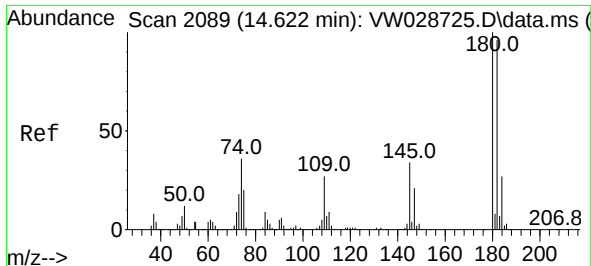
Tgt Ion:146 Resp: 227014
Ion Ratio Lower Upper
146 100
111 41.2 34.7 52.1
148 60.9 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 21.085 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028748.D
Acq: 24 May 2024 21:00

Tgt Ion: 75 Resp: 17520
Ion Ratio Lower Upper
75 100
155 78.0 55.1 82.7
157 86.7 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 25.795 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 160648

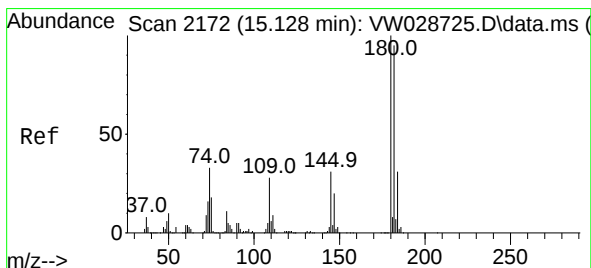
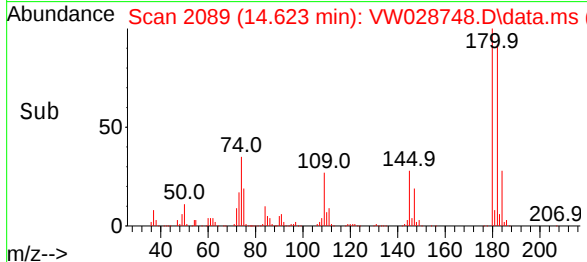
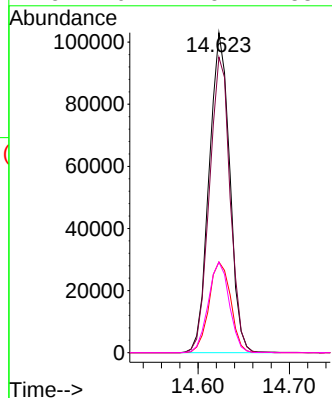
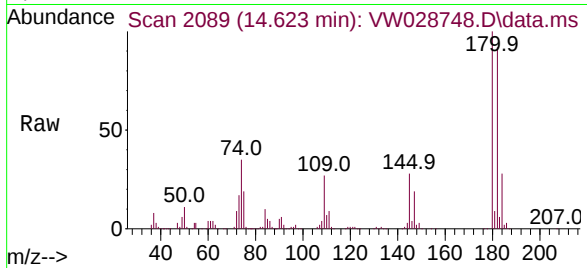
Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.2

184 29.9 24.0 36.0

145 29.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.745 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

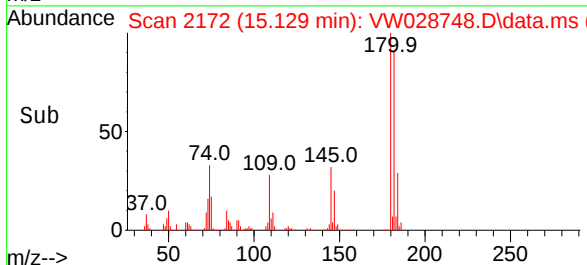
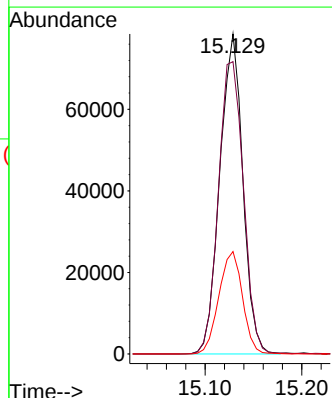
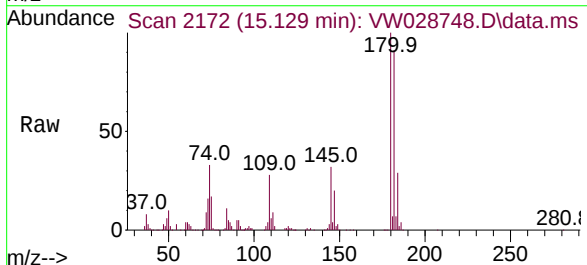
Tgt Ion:180 Resp: 129551

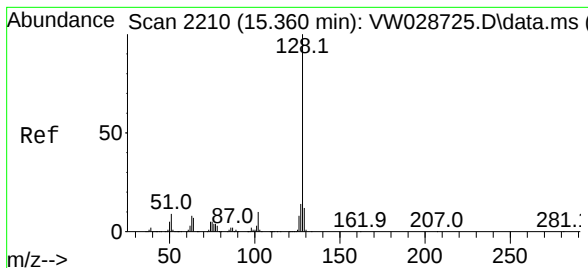
Ion Ratio Lower Upper

180 100

182 99.2 77.2 115.8

145 32.9 26.6 39.8





#71

Naphthalene

Concen: 25.060 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Instrument :

MSVOA_W

ClientSampleId :

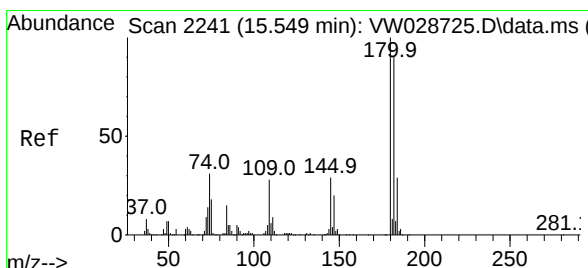
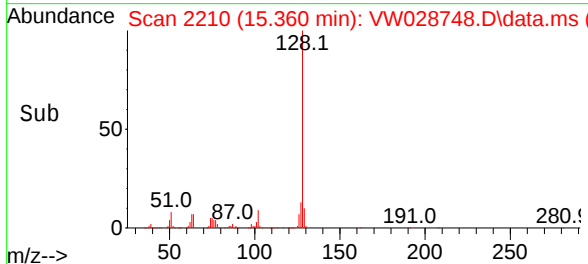
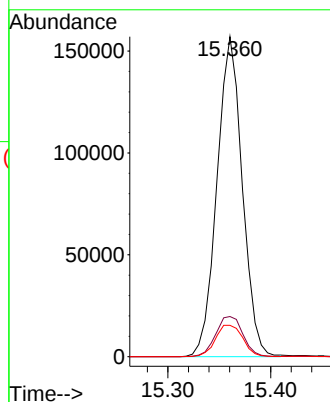
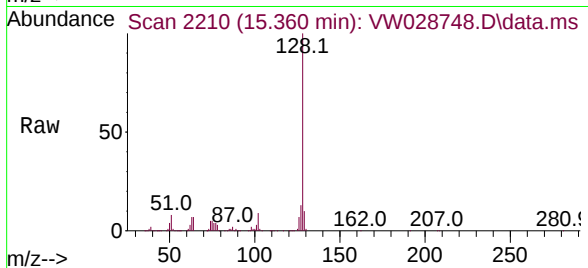
Tgt Ion:128 Resp: 268675

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.174 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028748.D

Acq: 24 May 2024 21:00

Tgt Ion:180 Resp: 123390

Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 33.9 28.3 42.5

