

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
 Data File : VW028795.D
 Acq On : 25 May 2024 17:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:15:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 27 01:09:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291688	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	272194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140758	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	123119	22.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.920%
7) Chloroethane-d5	2.899	69	97762	23.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	4.021	65	52897	22.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.440%
21) 2-Butanone-d5	7.075	46	58455	40.451	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.900%
24) Chloroform-d	7.648	84	249445	27.369	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.480%
26) 1,2-Dichloroethane-d4	8.307	65	132503	25.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.560%
32) Benzene-d6	8.276	84	488085	26.876	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.270	67	149388	27.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.360%
41) Toluene-d8	10.325	98	443459	27.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.280%
43) trans-1,3-Dichloroprop...	10.575	79	56259	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.922	63	42005	44.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106444	23.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	136971	25.531	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	75336	17.773	ug/L	90
3) Chloromethane	2.223	50	108203	20.605	ug/L	95
5) Vinyl chloride	2.375	62	117413	19.860	ug/L	96
6) Bromomethane	2.789	94	74131	21.675	ug/L	94
8) Chloroethane	2.936	64	74650	22.140	ug/L	94
9) Trichlorofluoromethane	3.265	101	90559	18.657	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95826	21.413	ug/L	94
12) 1,1-Dichloroethene	4.051	96	92159	22.957	ug/L	92
13) Acetone	4.119	43	41434	31.518	ug/L	94
14) Carbon disulfide	4.393	76	274619	20.241	ug/L	100
15) Methyl Acetate	4.673	43	46250	20.222	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	102570	24.542	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	150773	24.446	ug/L	99
19) 1,1-Dichloroethane	6.216	63	216219	26.089	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	116875	26.720	ug/L	94
22) 2-Butanone	7.167	43	62340	36.945	ug/L	97
23) Bromochloromethane	7.514	128	51400	26.940	ug/L	92
25) Chloroform	7.679	83	215448	26.877	ug/L	96
27) 1,2-Dichloroethane	8.398	62	142893	24.522	ug/L	99

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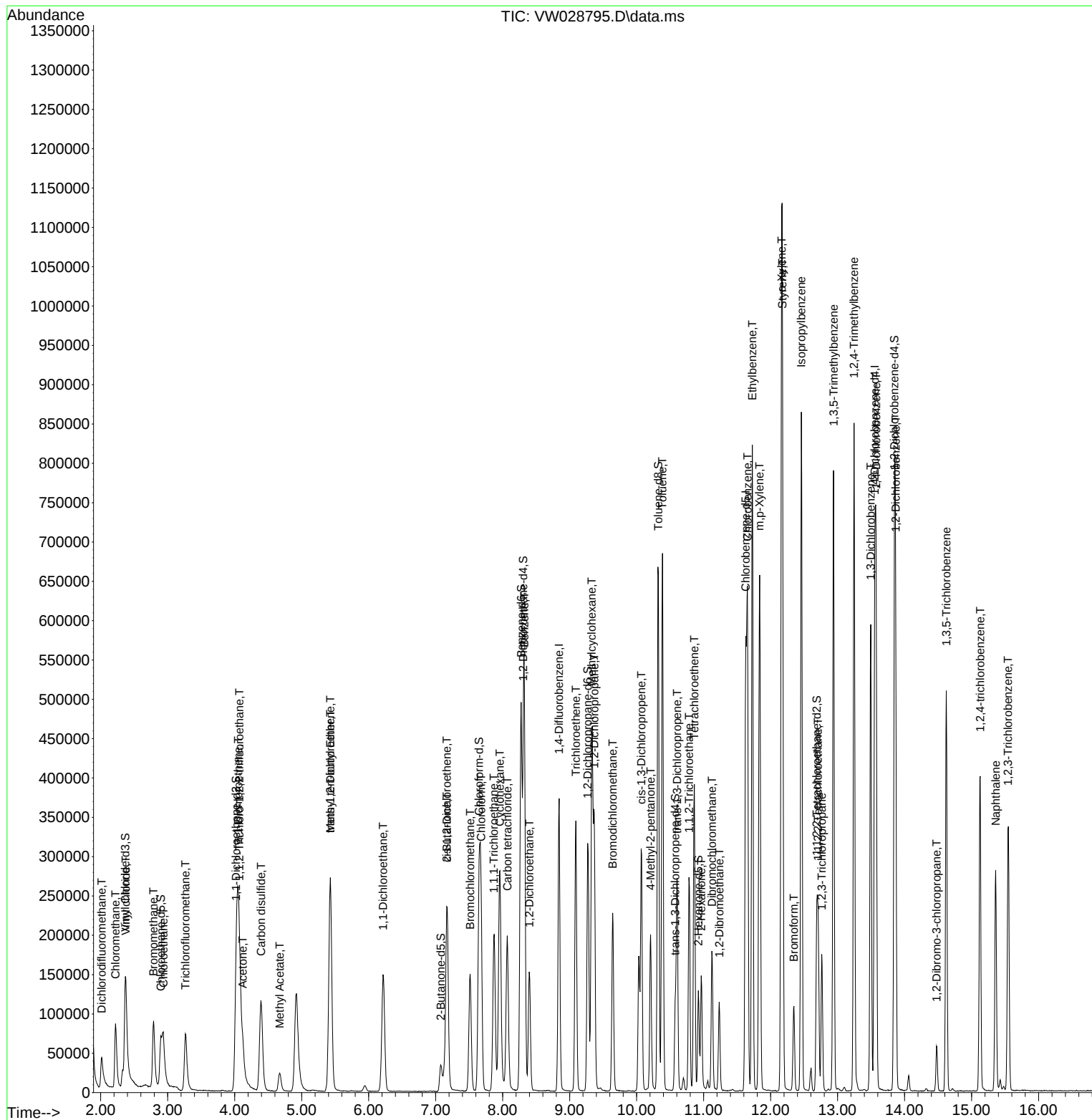
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	159834	20.595	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	160702	23.560	ug/L	98
31) Carbon tetrachloride	8.069	117	147567	23.728	ug/L	100
33) Benzene	8.325	78	458369	25.969	ug/L	100
34) Trichloroethene	9.093	95	117785	24.889	ug/L	89
35) Methylcyclohexane	9.331	83	178157	21.542	ug/L	99
37) 1,2-Dichloropropane	9.368	63	122561	26.648	ug/L	99
38) Bromodichloromethane	9.642	83	149227	26.617	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	176328	26.748	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	134930	43.105	ug/L	99
42) Toluene	10.386	91	486063	26.662	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	142596	25.655	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83323	25.009	ug/L	96
46) Tetrachloroethene	10.861	164	85272	25.010	ug/L	96
48) 2-Hexanone	10.965	43	94675	42.840	ug/L	99
49) Dibromochloromethane	11.123	129	90961	27.219	ug/L	92
50) 1,2-Dibromoethane	11.233	107	74967	24.020	ug/L	91
51) Chlorobenzene	11.654	112	308404	27.349	ug/L	96
52) Ethylbenzene	11.727	91	541899	26.267	ug/L	99
53) m,p-Xylene	11.837	106	202253	26.744	ug/L	99
54) o-Xylene	12.166	106	196852	28.137	ug/L	91
55) Styrene	12.178	104	338962	28.593	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	97421	23.306	ug/L	99
59) Bromoform	12.349	173	47607	23.183	ug/L	99
60) Isopropylbenzene	12.458	105	531115	24.871	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71422	20.996	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	400537	26.510	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	428846	26.342	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	224849	25.310	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	235885	25.972	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	204672	25.741	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14468	18.191	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	150677	25.276	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	123352	25.609	ug/L	96
71) Naphthalene	15.360	128	228365	22.253	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	107608	24.758	ug/L	97

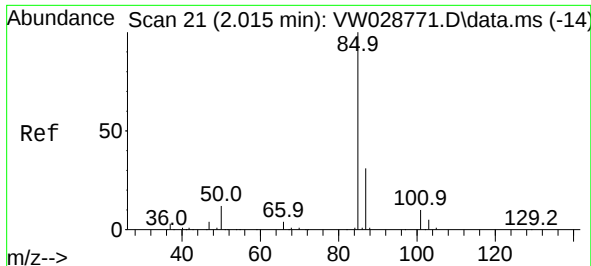
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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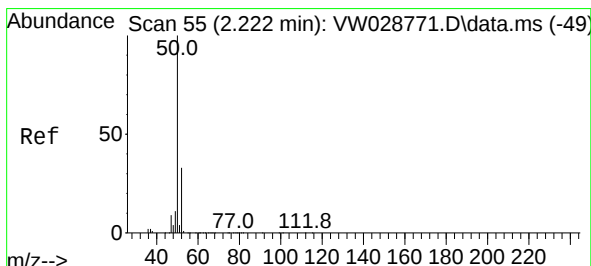
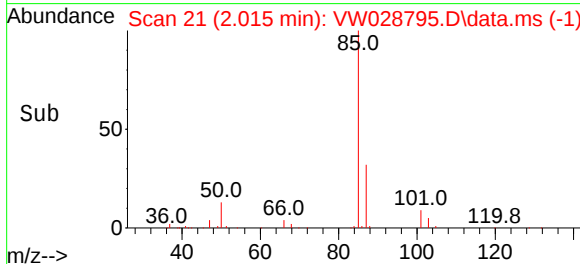
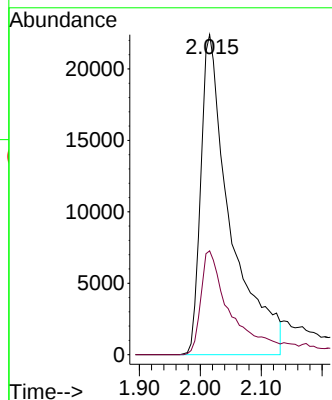
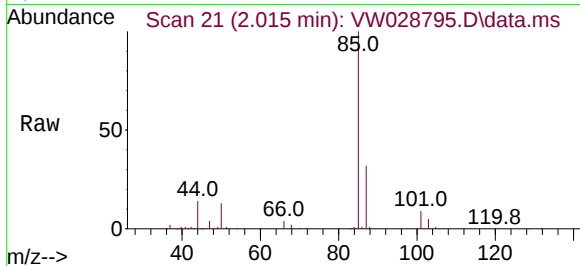




#2
 Dichlorodifluoromethane
 Concen: 17.773 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028795.D
 Acq: 25 May 2024 17:40

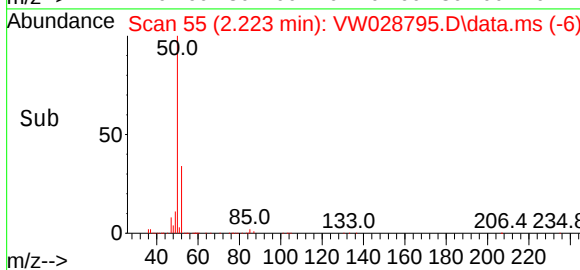
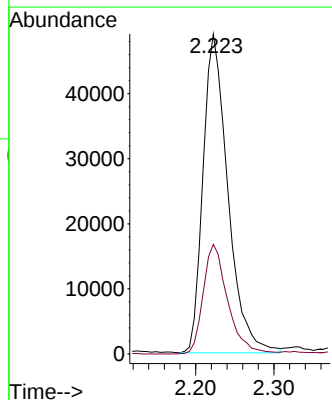
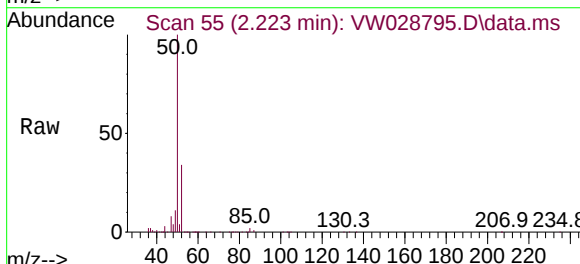
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 MSVOA_W
 ClientSampleId :

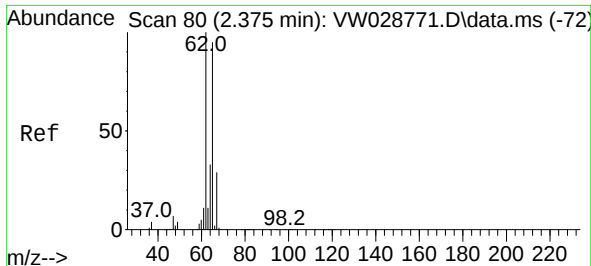
Tgt Ion: 85 Resp: 75336
 Ion Ratio Lower Upper
 85 100
 87 32.8 21.9 32.9



#3
 Chloromethane
 Concen: 20.605 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028795.D
 Acq: 25 May 2024 17:40

Tgt Ion: 50 Resp: 108203
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 41.0





#5

Vinyl chloride

Concen: 19.860 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

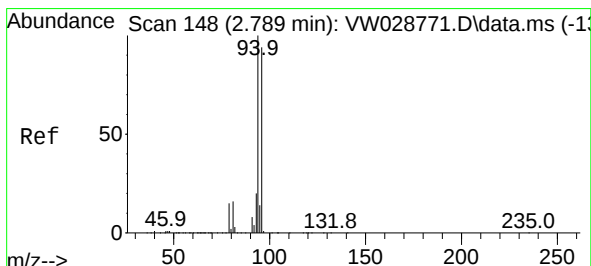
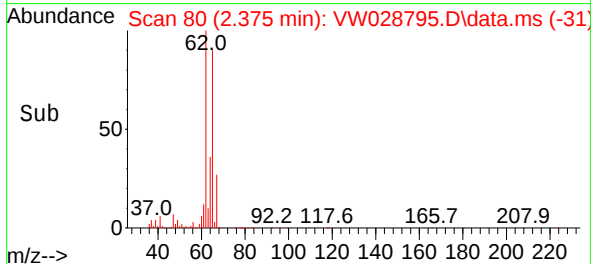
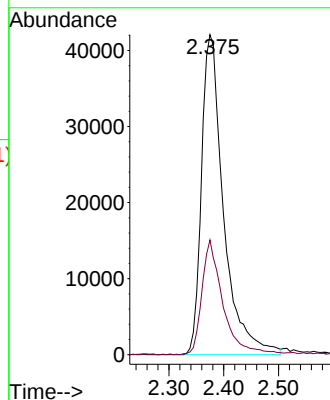
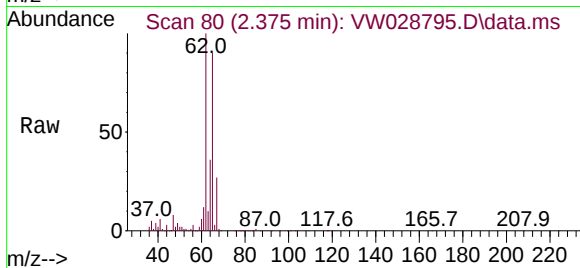
ClientSampleId :

Tgt Ion: 62 Resp: 117413

Ion Ratio Lower Upper

62 100

64 35.8 23.3 43.3



#6

Bromomethane

Concen: 21.675 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028795.D

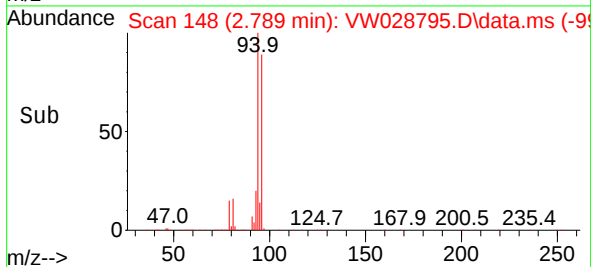
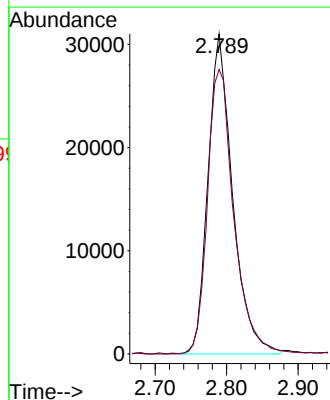
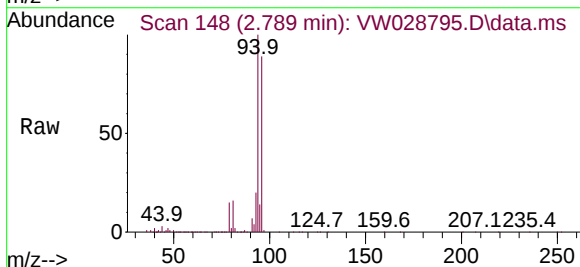
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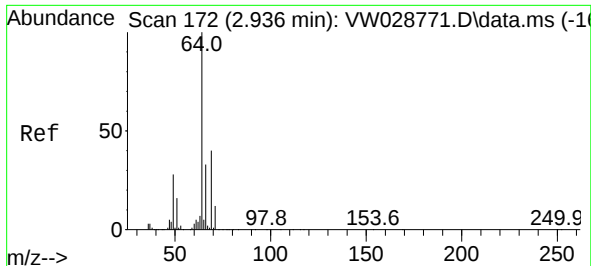
Tgt Ion: 94 Resp: 74131

Ion Ratio Lower Upper

94 100

96 88.9 66.3 123.1

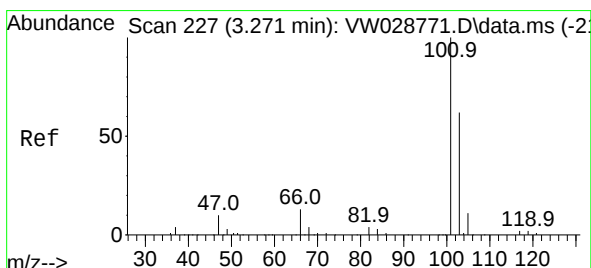
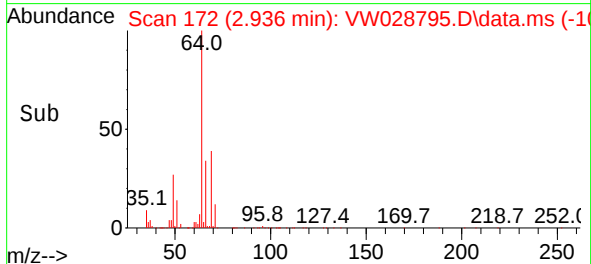
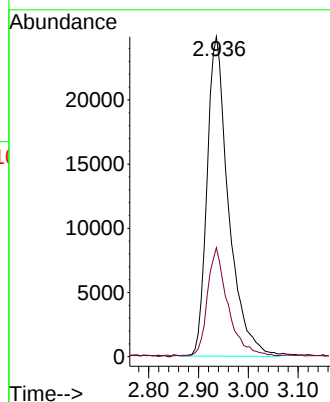
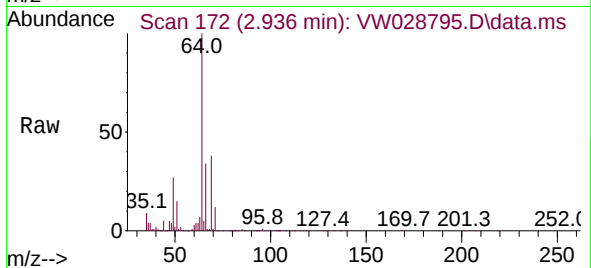




#8
Chloroethane
Concen: 22.140 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

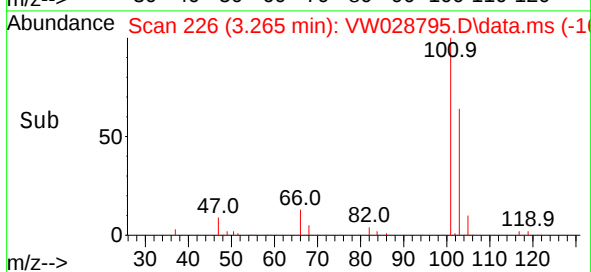
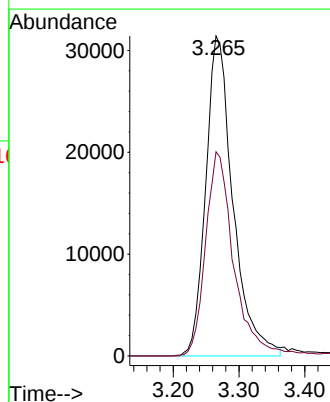
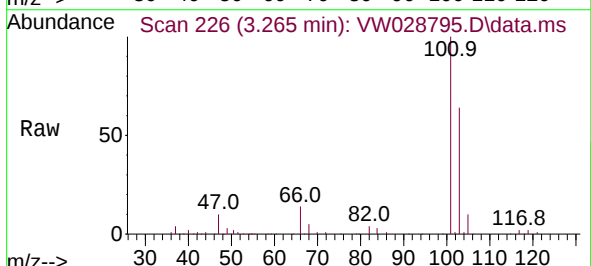
Instrument :
MSVOA_W
ClientSampleId :

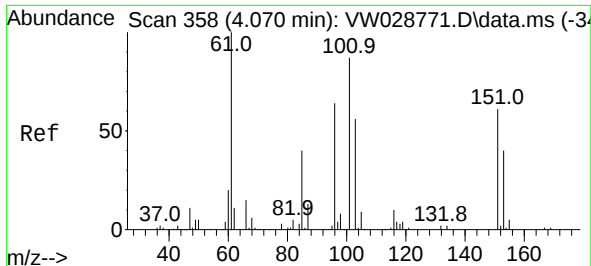
Tgt Ion: 64 Resp: 74650
Ion Ratio Lower Upper
64 100
66 34.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 18.657 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

Tgt Ion:101 Resp: 90559
Ion Ratio Lower Upper
101 100
103 65.4 50.4 75.6





#10

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

Concen: 21.413 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

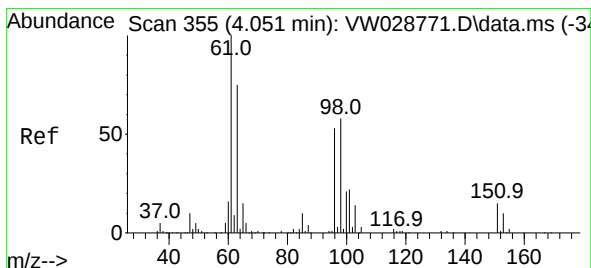
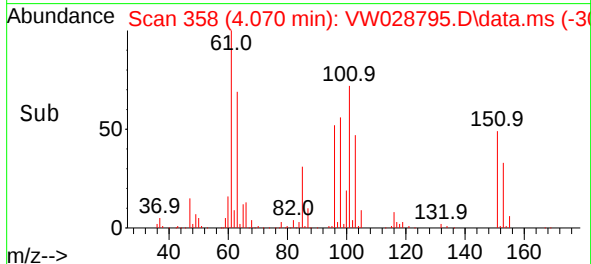
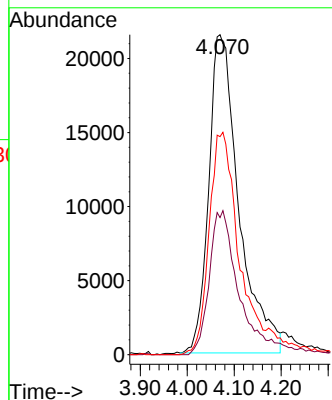
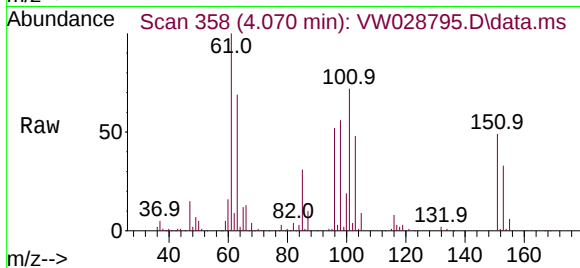
Tgt Ion:101 Resp: 95826

Ion Ratio Lower Upper

101 100

85 42.6 35.8 53.8

151 67.7 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.957 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

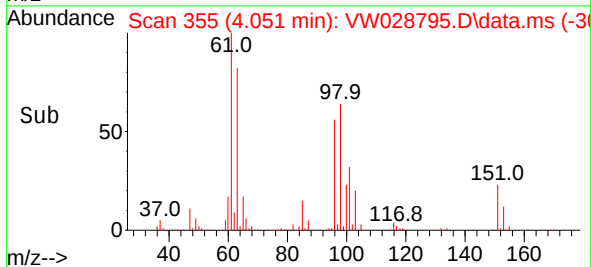
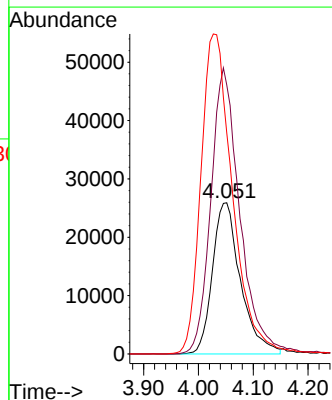
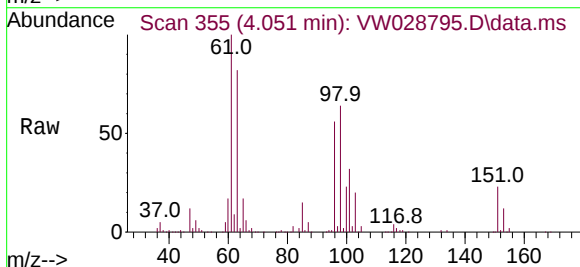
Tgt Ion: 96 Resp: 92159

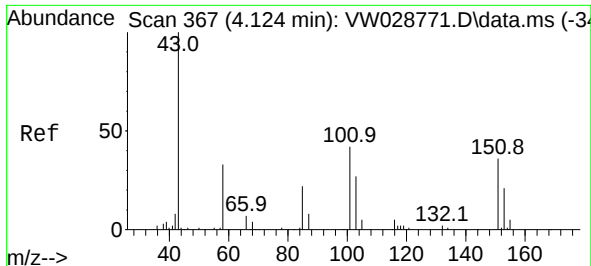
Ion Ratio Lower Upper

96 100

61 177.9 131.6 244.4

63 146.3 111.4 206.8

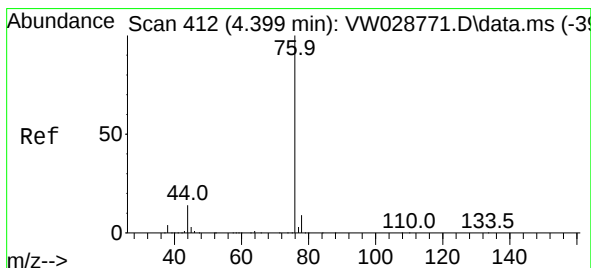
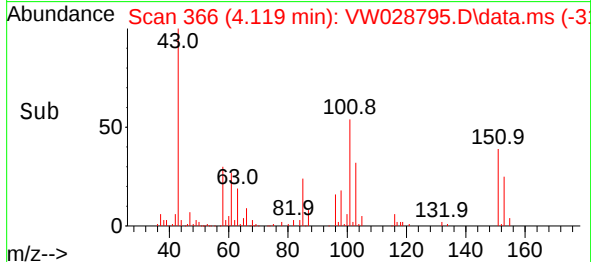
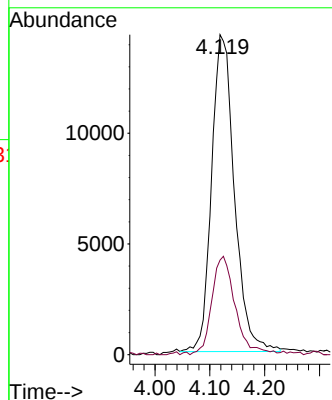
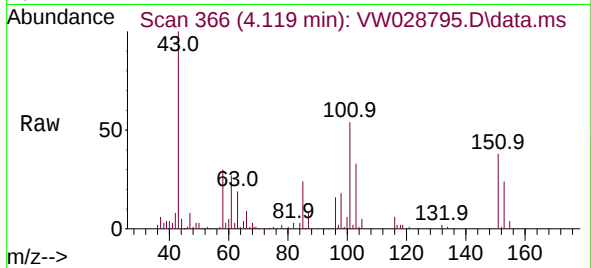




#13
Acetone
Concen: 31.518 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

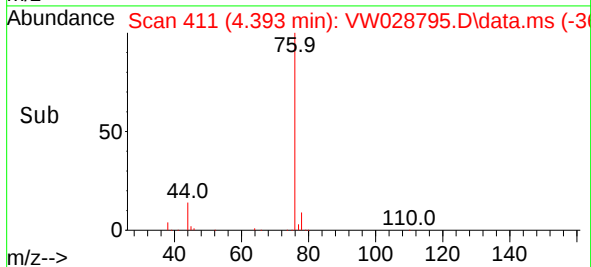
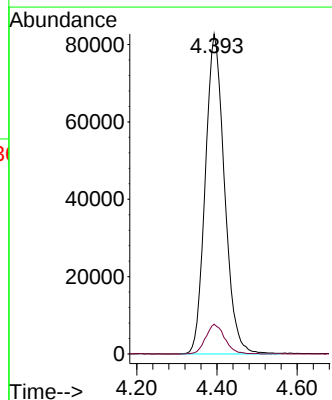
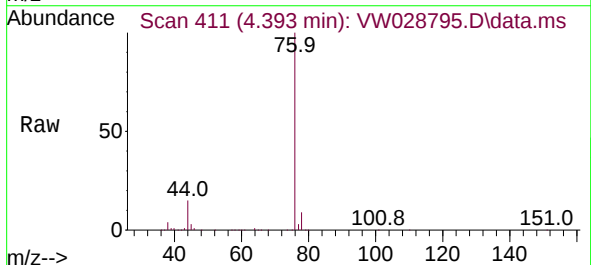
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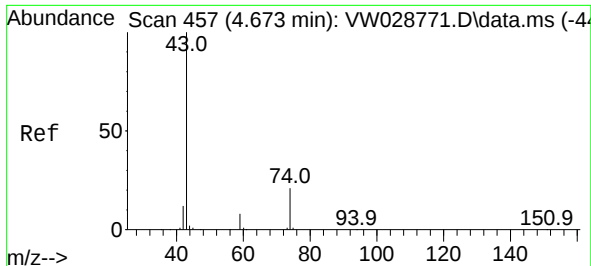
Tgt Ion: 43 Resp: 41434
Ion Ratio Lower Upper
43 100
58 30.3 0.0 54.4



#14
Carbon disulfide
Concen: 20.241 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

Tgt Ion: 76 Resp: 274619
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 20.222 ug/L

RT: 4.673 min Scan# 457

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

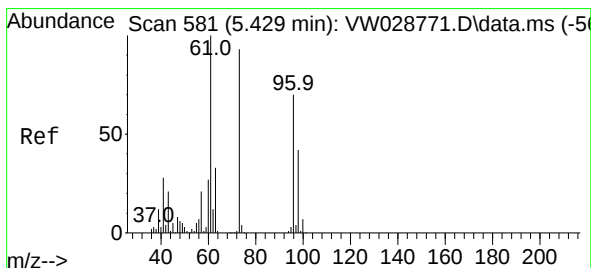
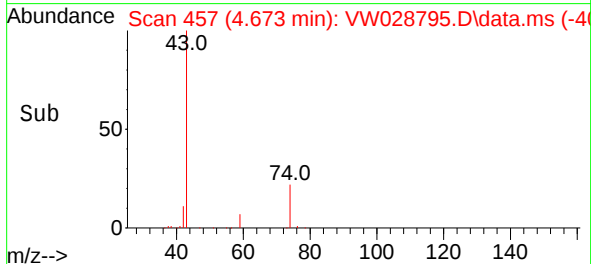
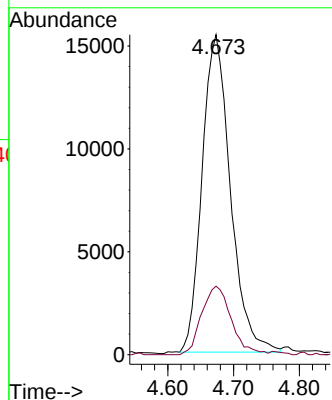
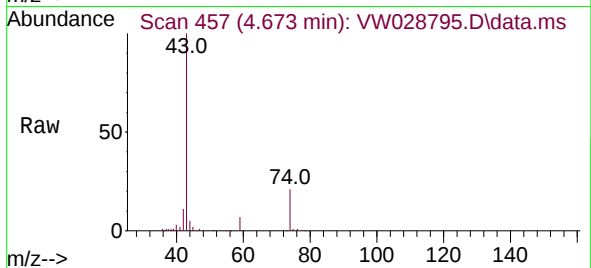
ClientSampleId :

Tgt Ion: 43 Resp: 46250

Ion Ratio Lower Upper

43 100

74 22.5 17.6 26.4



#17

trans-1,2-Dichloroethene

Concen: 24.542 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

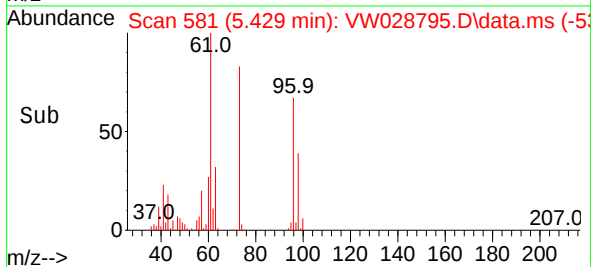
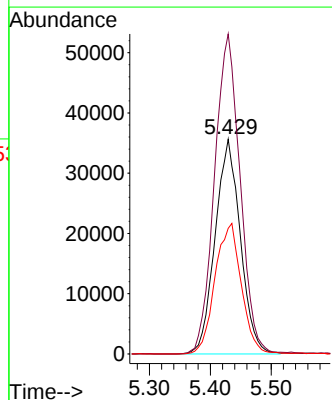
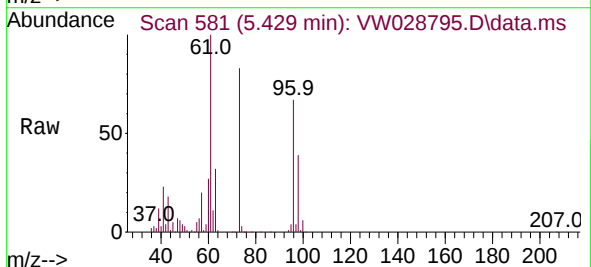
Tgt Ion: 96 Resp: 102570

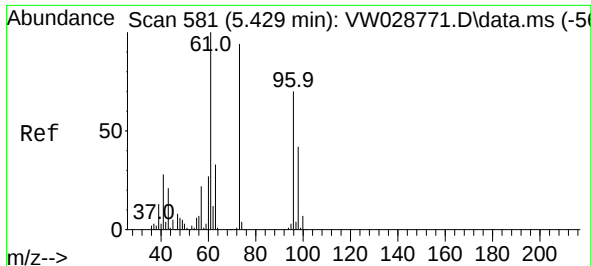
Ion Ratio Lower Upper

96 100

61 149.0 109.0 202.4

98 58.5 44.2 82.0





#18

Methyl tert-butyl Ether

Concen: 24.446 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

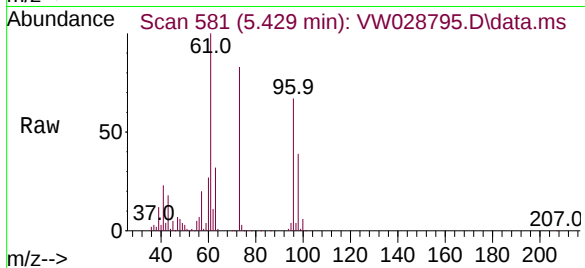
Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :



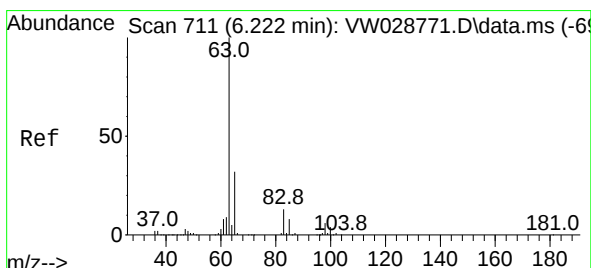
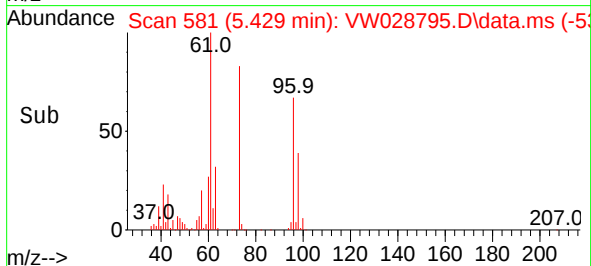
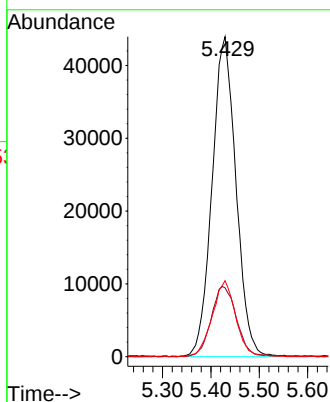
Tgt Ion: 73 Resp: 150773

Ion Ratio Lower Upper

73 100

43 22.8 19.2 28.8

57 23.2 18.5 27.7



#19

1,1-Dichloroethane

Concen: 26.089 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

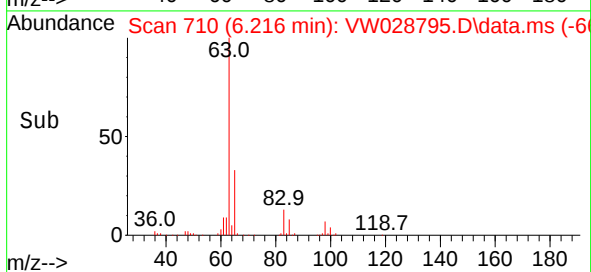
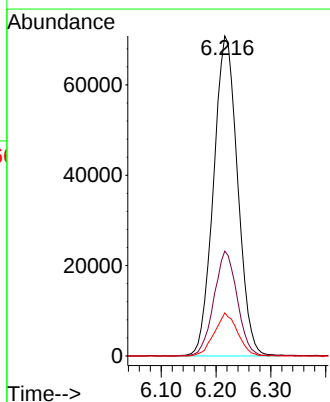
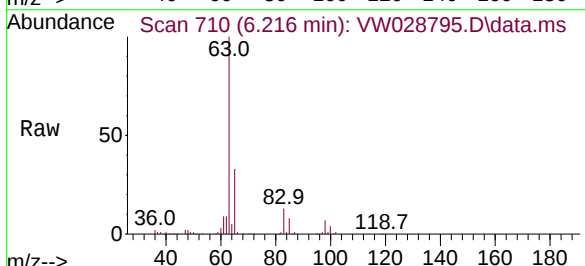
Tgt Ion: 63 Resp: 216219

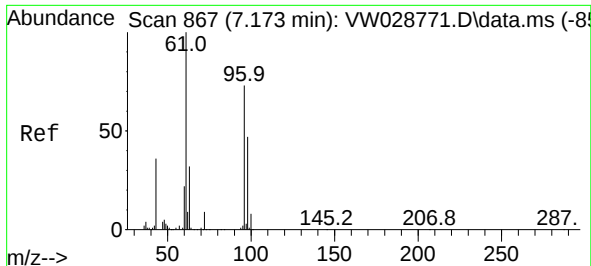
Ion Ratio Lower Upper

63 100

65 32.8 22.9 42.5

83 13.5 9.0 16.8





#20

cis-1,2-Dichloroethene

Concen: 26.720 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

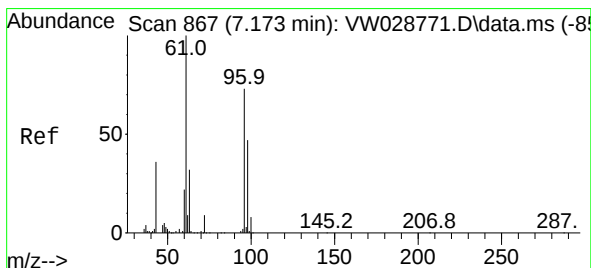
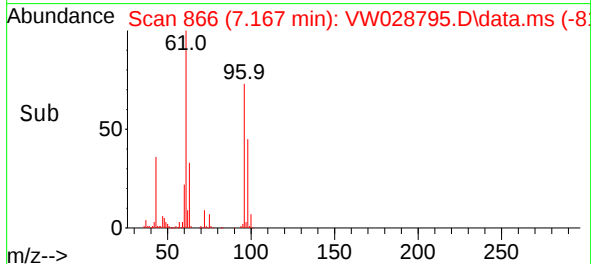
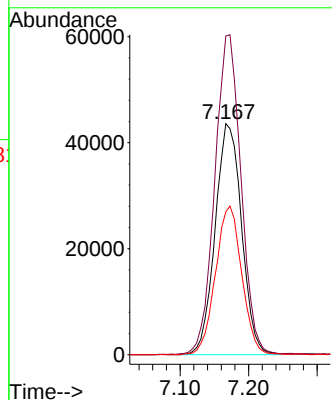
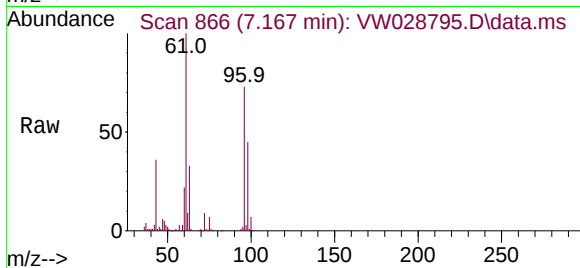
Tgt Ion: 96 Resp: 116875

Ion Ratio Lower Upper

96 100

61 137.9 102.8 191.0

98 61.8 44.3 82.3



#22

2-Butanone

Concen: 36.945 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028795.D

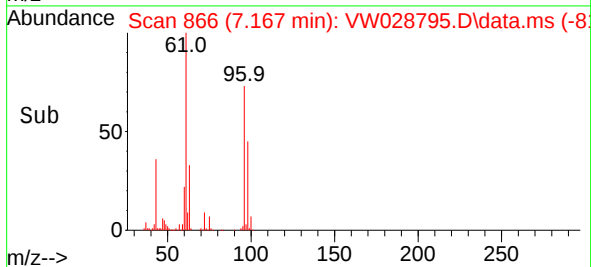
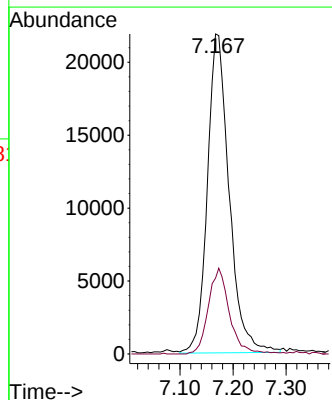
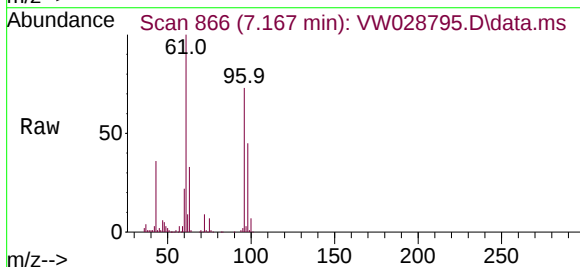
Acq: 25 May 2024 17:40

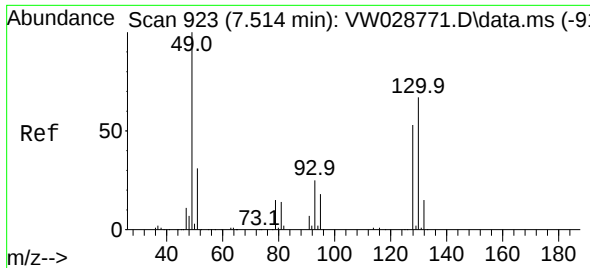
Tgt Ion: 43 Resp: 62340

Ion Ratio Lower Upper

43 100

72 25.9 12.2 36.6

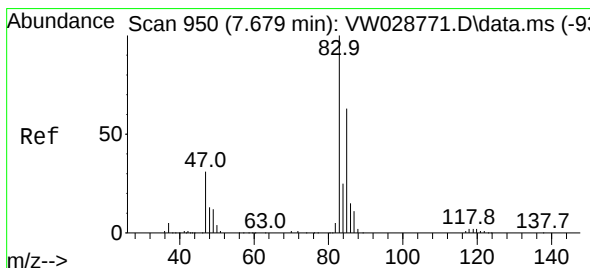
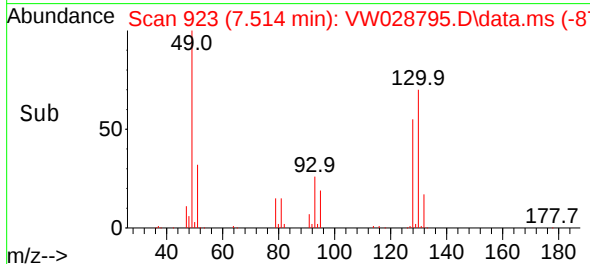
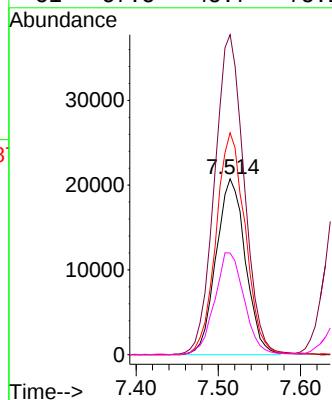
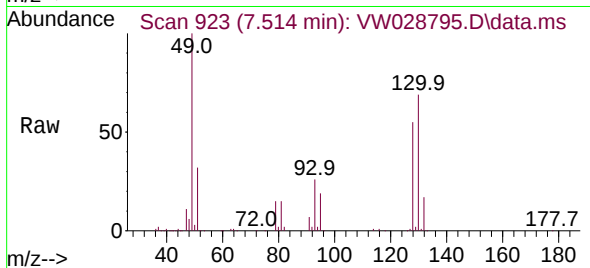




#23
Bromochloromethane
Concen: 26.940 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

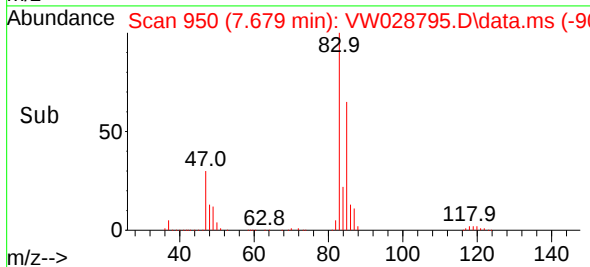
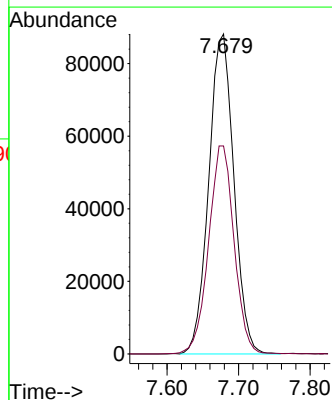
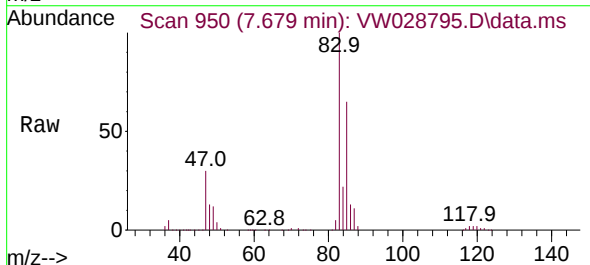
Instrument :
MSVOA_W
ClientSampleId :

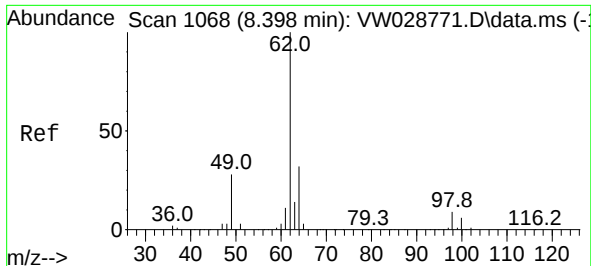
Tgt Ion:128 Resp: 51400
Ion Ratio Lower Upper
128 100
49 182.0 139.6 259.2
130 126.2 91.2 169.4
51 57.8 48.7 73.1



#25
Chloroform
Concen: 26.877 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

Tgt Ion: 83 Resp: 215448
Ion Ratio Lower Upper
83 100
85 65.0 43.4 80.6





#27

1,2-Dichloroethane

Concen: 24.522 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

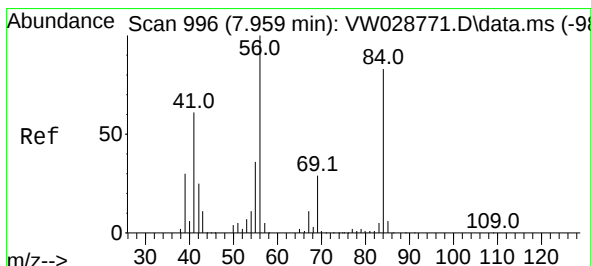
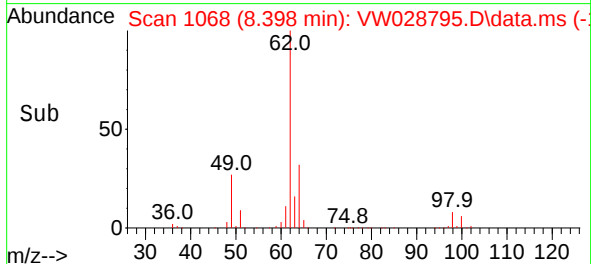
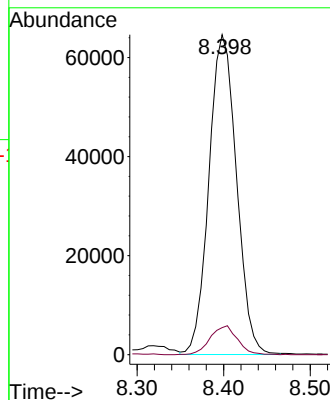
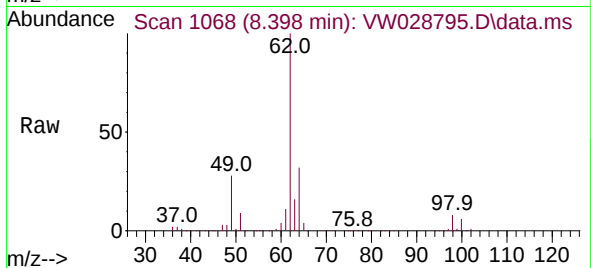
ClientSampleId :

Tgt Ion: 62 Resp: 142893

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6



#29

Cyclohexane

Concen: 20.595 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

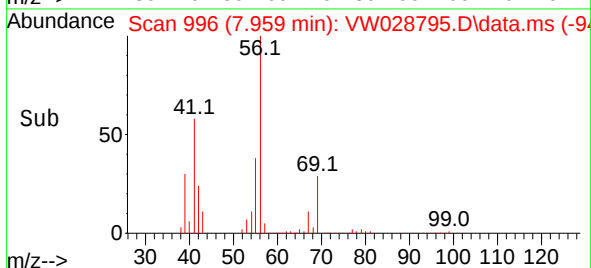
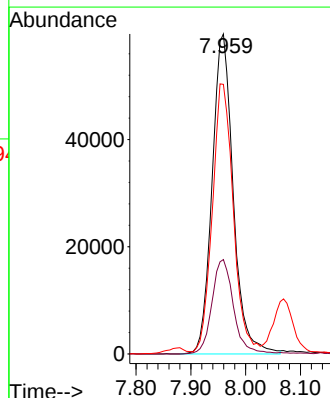
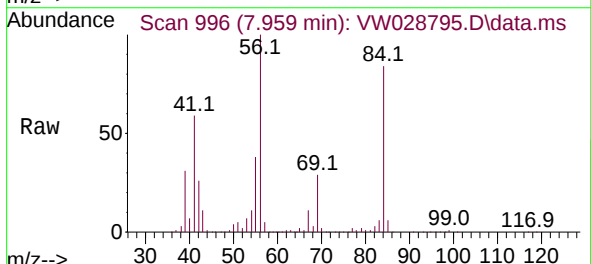
Tgt Ion: 56 Resp: 159834

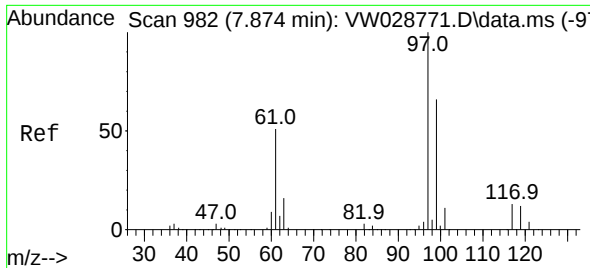
Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 83.8 65.8 98.8





#30

1,1,1-Trichloroethane

Concen: 23.560 ug/L

RT: 7.868 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

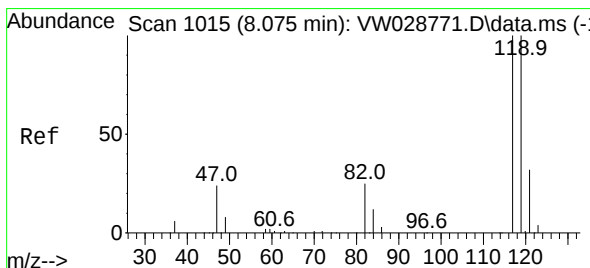
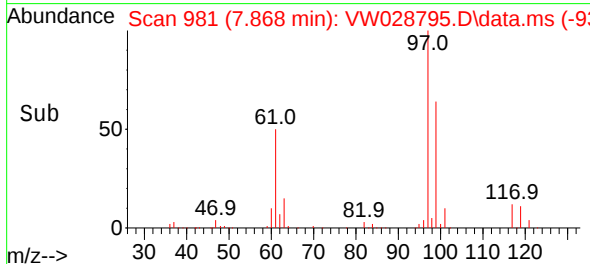
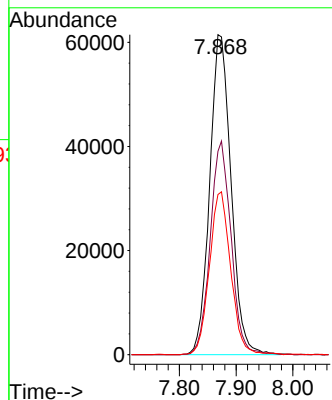
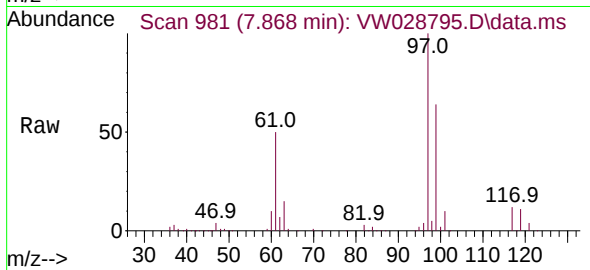
Tgt Ion: 97 Resp: 160702

Ion Ratio Lower Upper

97 100

99 65.1 50.9 76.3

61 50.6 41.0 61.6



#31

Carbon tetrachloride

Concen: 23.728 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW028795.D

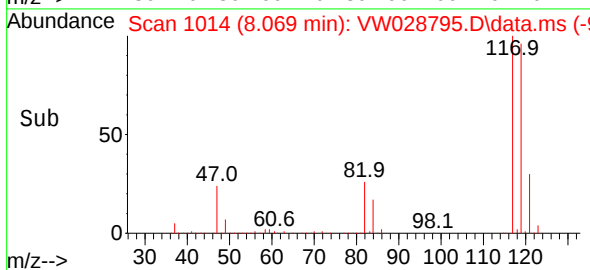
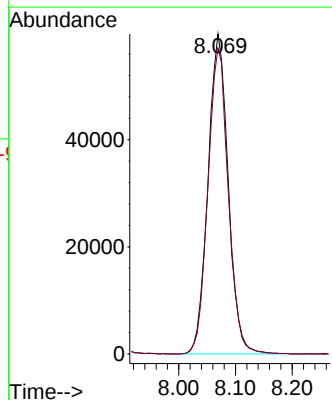
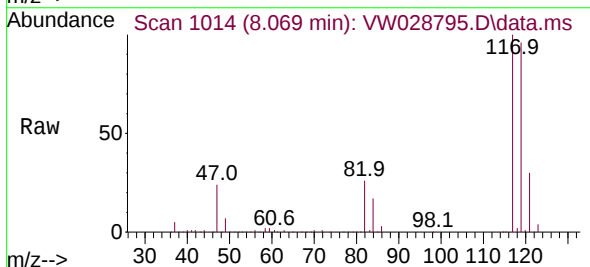
Acq: 25 May 2024 17:40

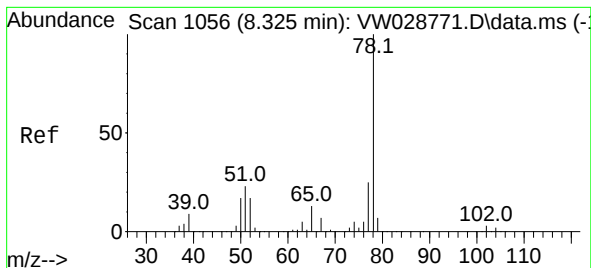
Tgt Ion: 117 Resp: 147567

Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8





#33

Benzene

Concen: 25.969 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW028795.D

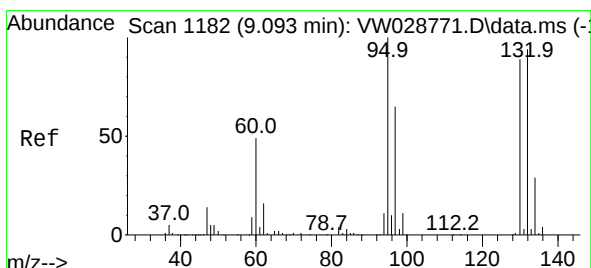
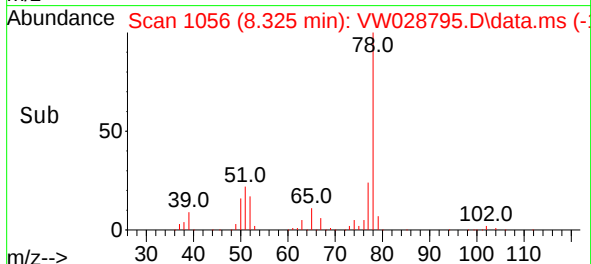
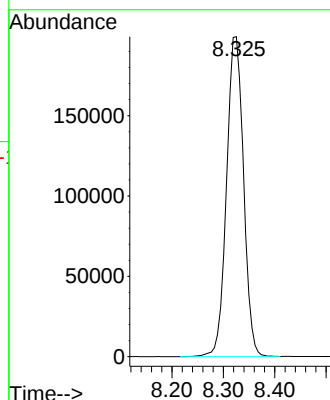
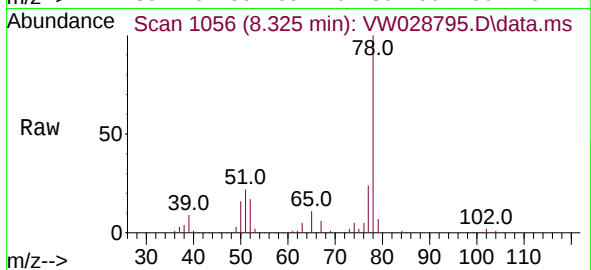
Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 458369



#34

Trichloroethene

Concen: 24.889 ug/L

RT: 9.093 min Scan# 1182

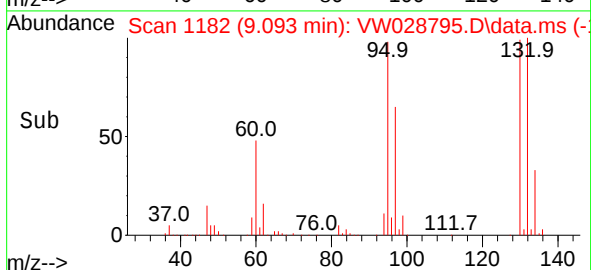
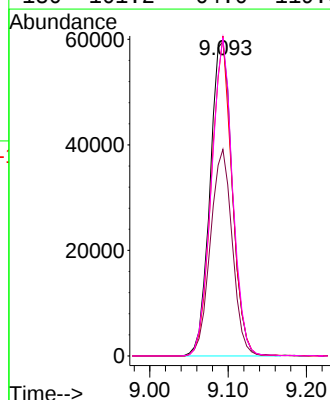
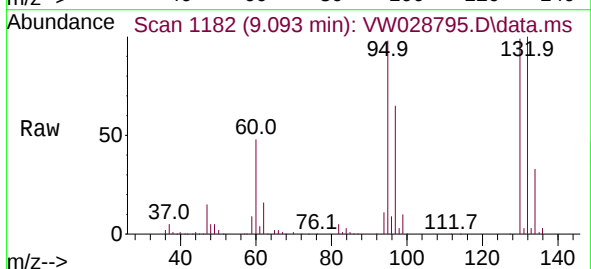
Delta R.T. 0.000 min

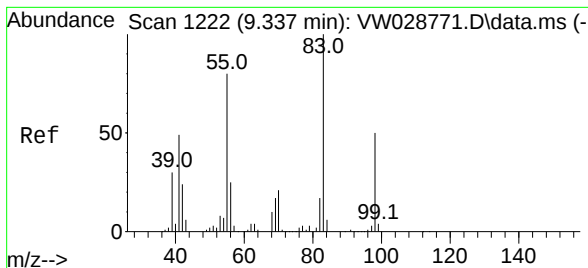
Lab File: VW028795.D

Acq: 25 May 2024 17:40

Tgt Ion: 95 Resp: 117785

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.3
132	101.8	59.7	110.9
130	101.2	64.0	119.0





#35

Methylcyclohexane

Concen: 21.542 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

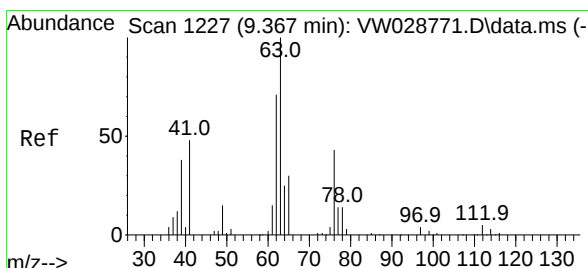
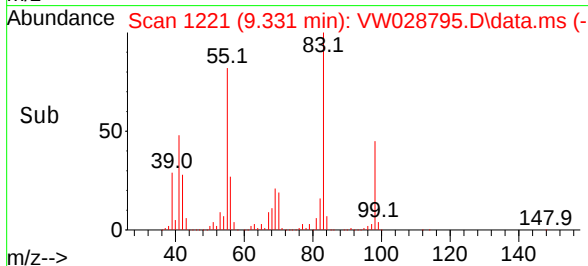
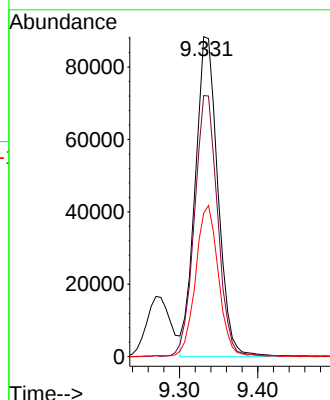
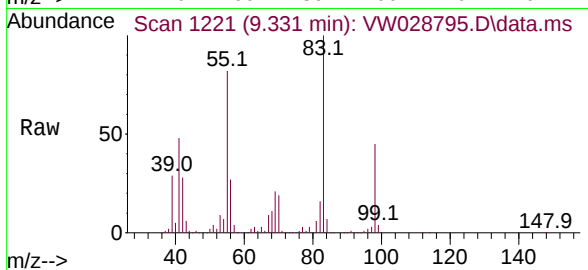
Tgt Ion: 83 Resp: 178157

Ion Ratio Lower Upper

83 100

55 82.8 66.9 100.3

98 47.3 37.9 56.9



#37

1,2-Dichloropropane

Concen: 26.648 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028795.D

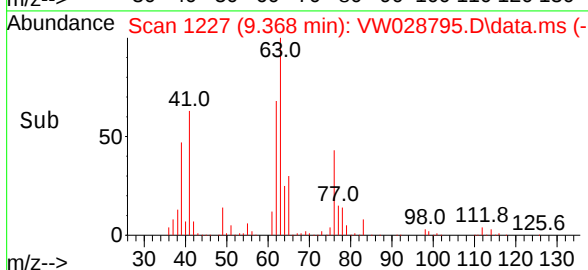
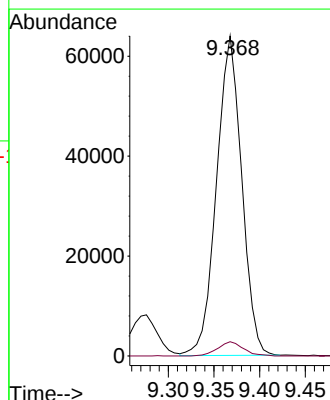
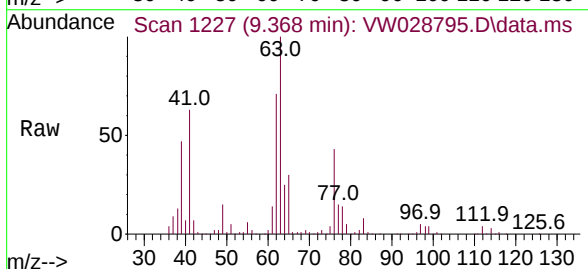
Acq: 25 May 2024 17:40

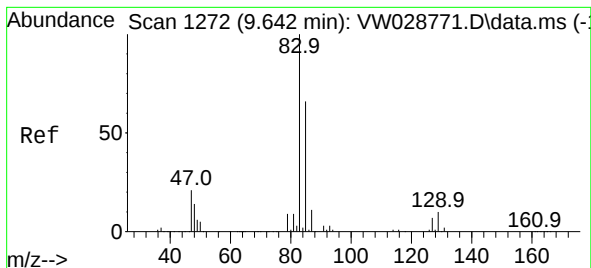
Tgt Ion: 63 Resp: 122561

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3





#38

Bromodichloromethane

Concen: 26.617 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

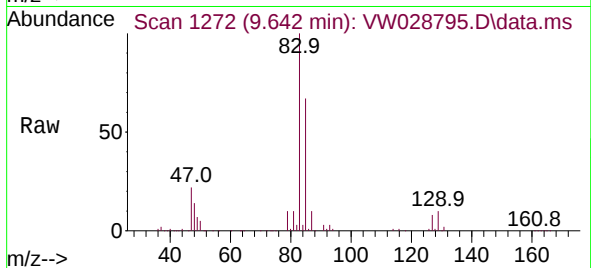
Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :



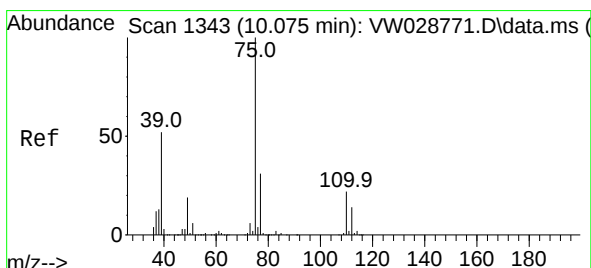
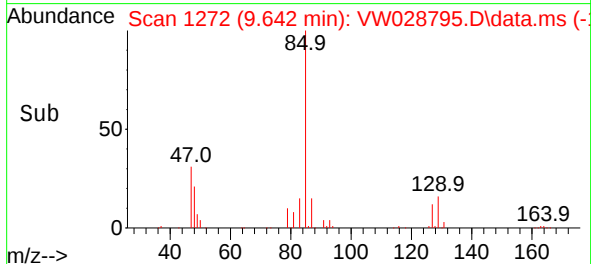
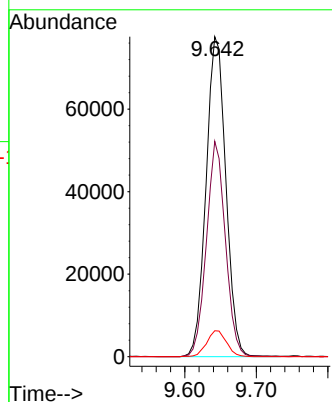
Tgt Ion: 83 Resp: 149227

Ion Ratio Lower Upper

83 100

85 67.3 43.0 80.0

127 8.1 5.9 8.9



#39

cis-1,3-Dichloropropene

Concen: 26.748 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028795.D

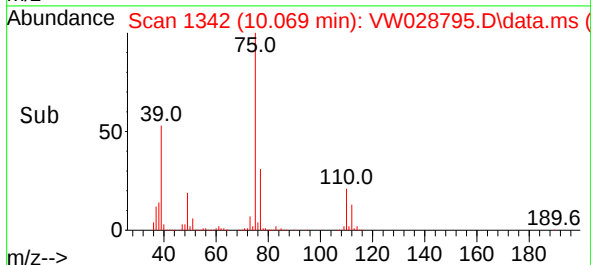
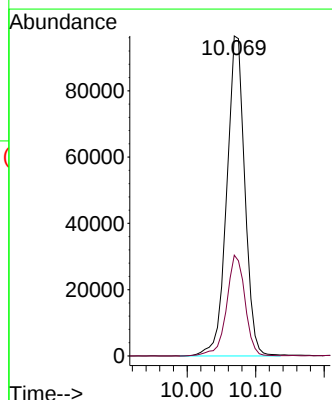
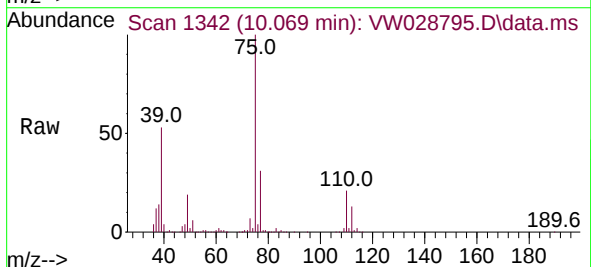
Acq: 25 May 2024 17:40

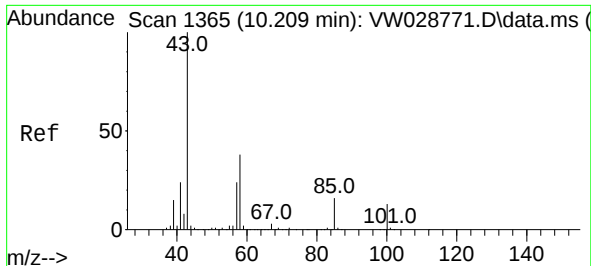
Tgt Ion: 75 Resp: 176328

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 43.105 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

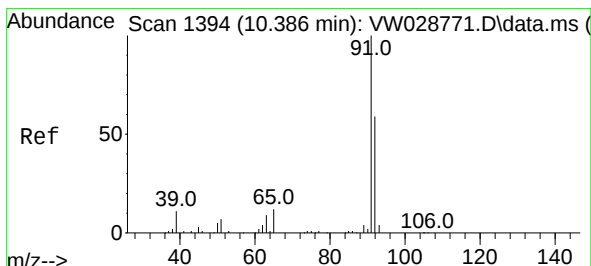
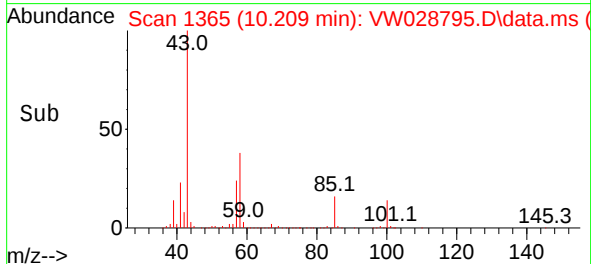
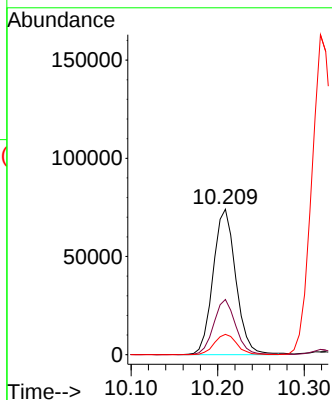
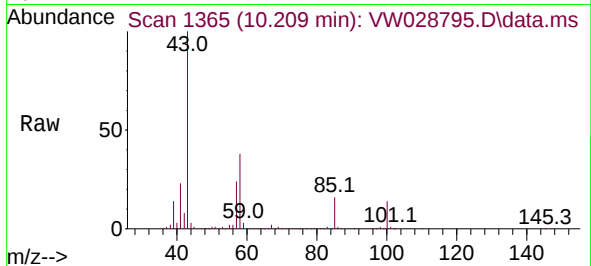
Tgt Ion: 43 Resp: 134930

Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 13.9 11.0 16.4



#42

Toluene

Concen: 26.662 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028795.D

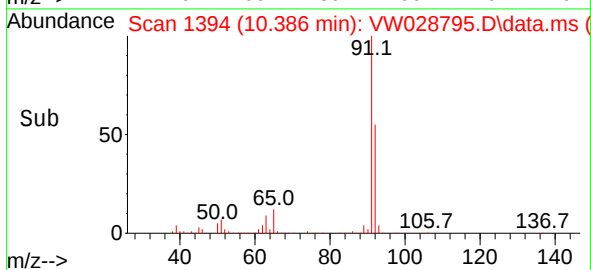
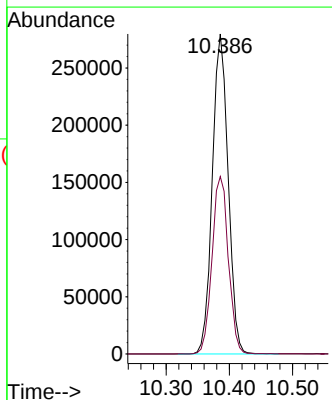
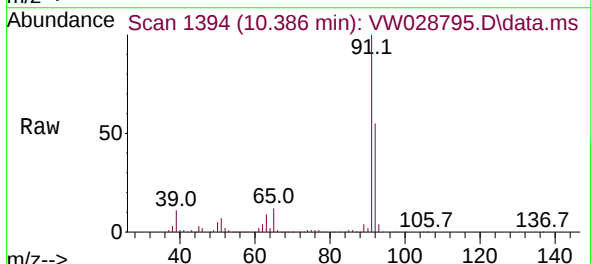
Acq: 25 May 2024 17:40

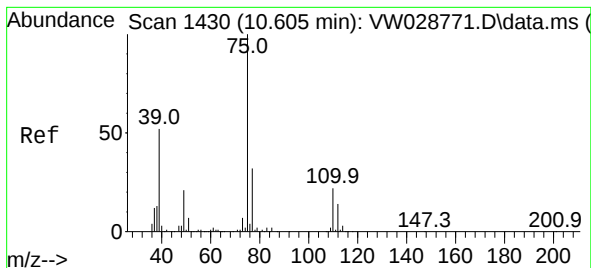
Tgt Ion: 91 Resp: 486063

Ion Ratio Lower Upper

91 100

92 55.4 42.5 78.9





#44

trans-1,3-Dichloropropene

Concen: 25.655 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

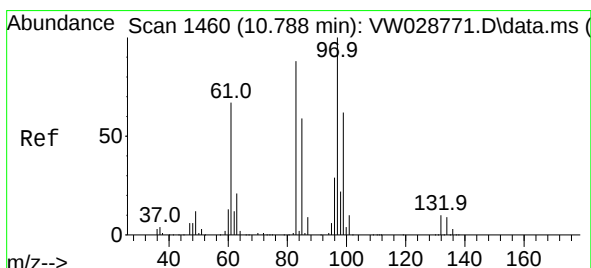
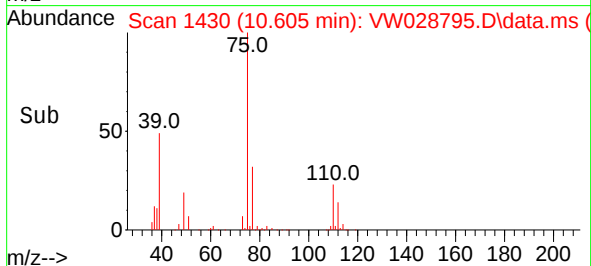
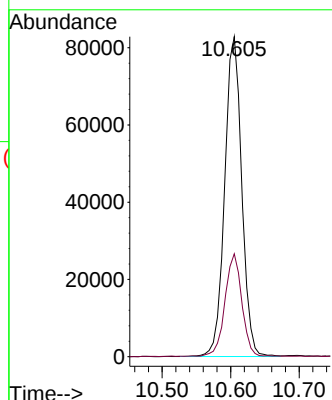
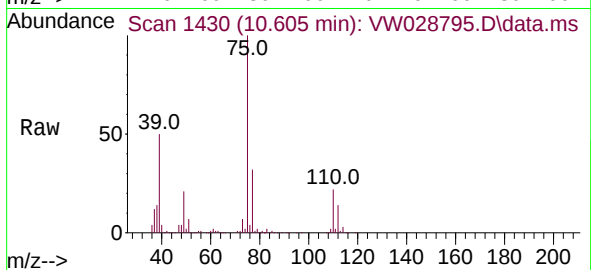
ClientSampleId :

Tgt Ion: 75 Resp: 142596

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 25.009 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Tgt Ion: 97 Resp: 83323

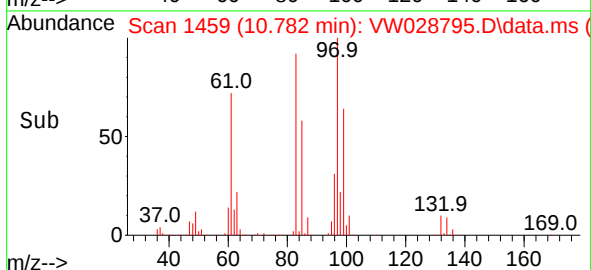
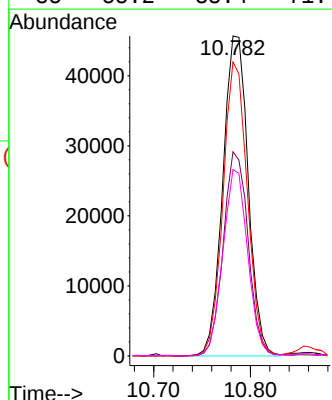
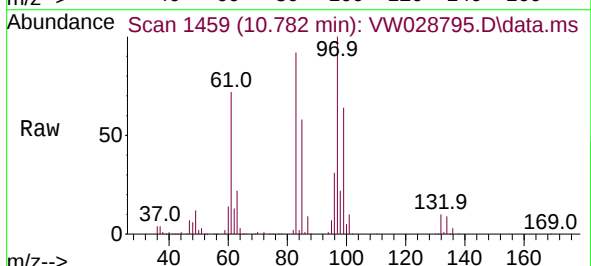
Ion Ratio Lower Upper

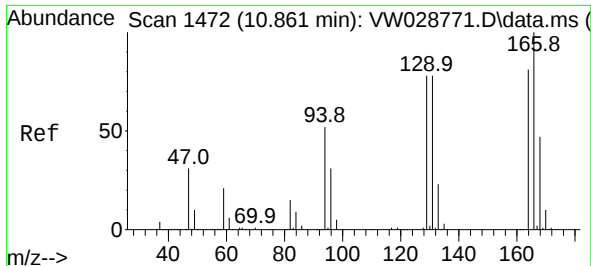
97 100

99 63.8 41.9 77.9

83 91.9 62.1 115.3

85 58.2 38.4 71.4





#46

Tetrachloroethene

Concen: 25.010 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

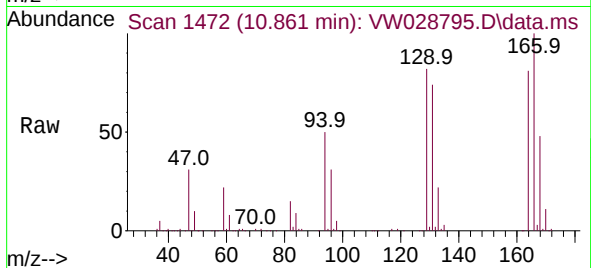
Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 85272

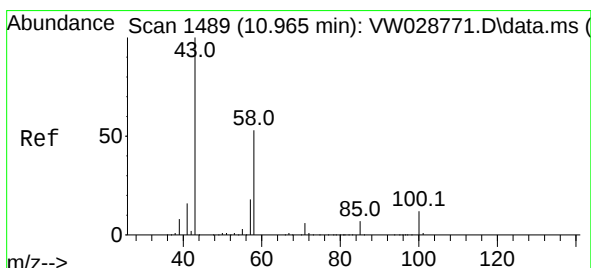
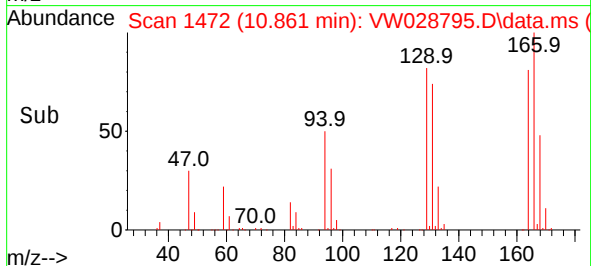
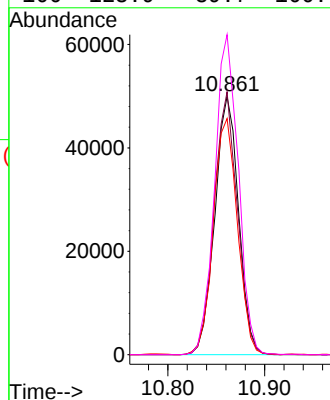
Ion Ratio Lower Upper

164 100

129 101.8 69.2 128.6

131 91.4 67.7 125.7

166 123.9 89.7 166.7



#48

2-Hexanone

Concen: 42.840 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Tgt Ion: 43 Resp: 94675

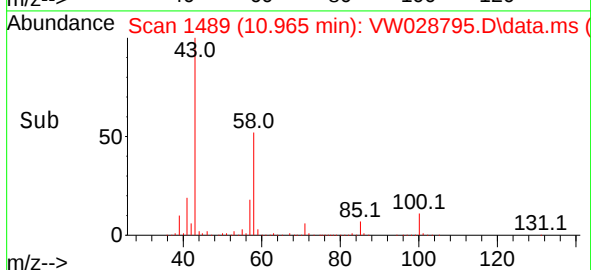
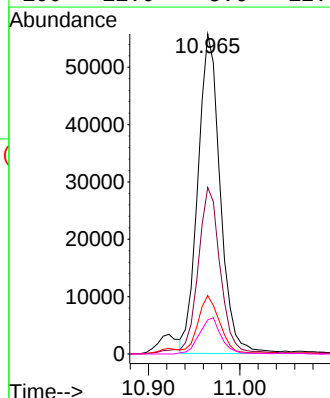
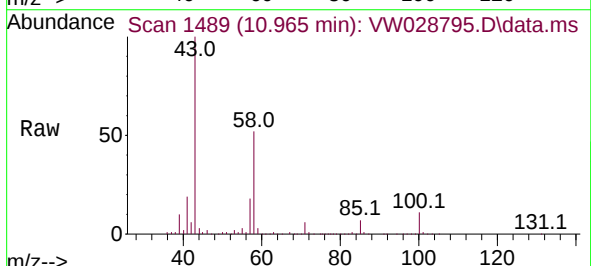
Ion Ratio Lower Upper

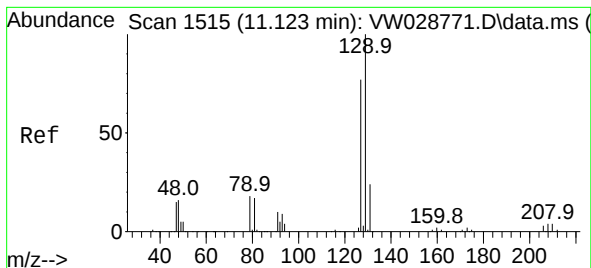
43 100

58 51.6 41.0 61.4

57 17.9 14.8 22.2

100 11.0 8.6 12.8





#49

Dibromochloromethane

Concen: 27.219 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

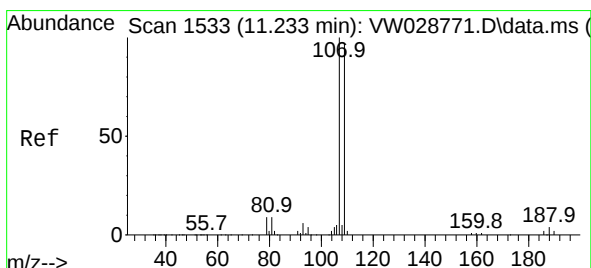
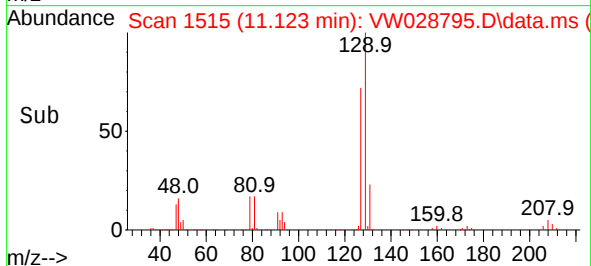
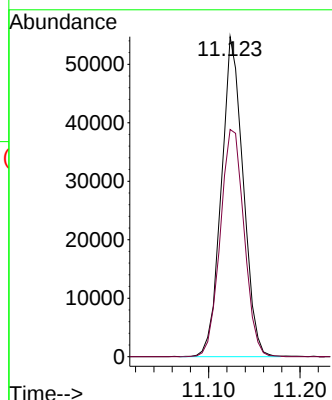
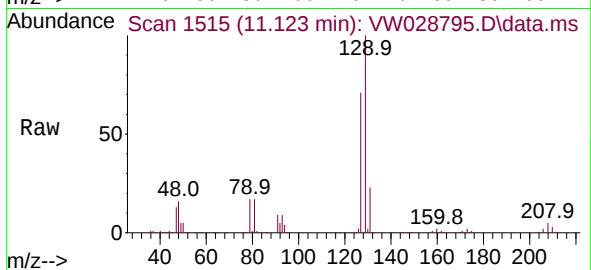
ClientSampleId :

Tgt Ion:129 Resp: 90961

Ion Ratio Lower Upper

129 100

127 71.0 54.3 100.8



#50

1,2-Dibromoethane

Concen: 24.020 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

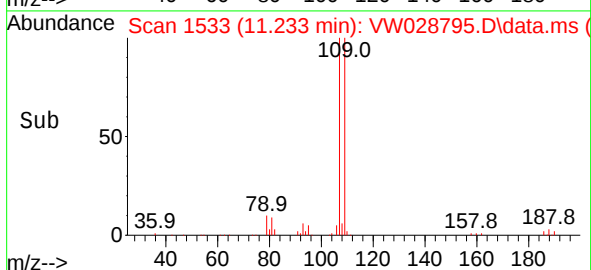
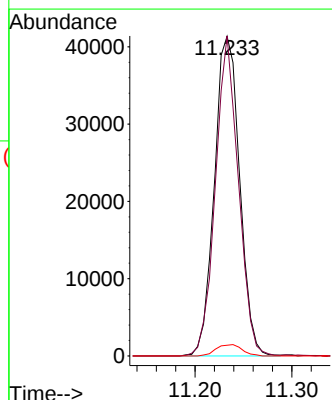
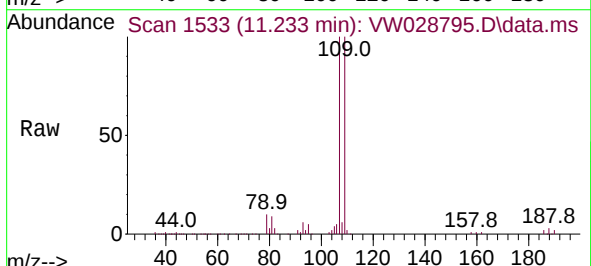
Tgt Ion:107 Resp: 74967

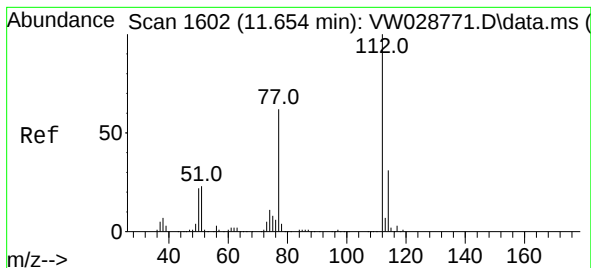
Ion Ratio Lower Upper

107 100

109 100.1 64.2 119.2

188 3.4 3.1 4.7





#51

Chlorobenzene

Concen: 27.349 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

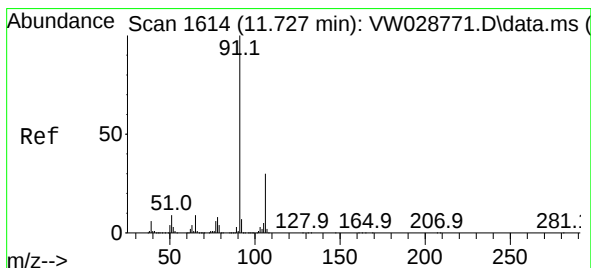
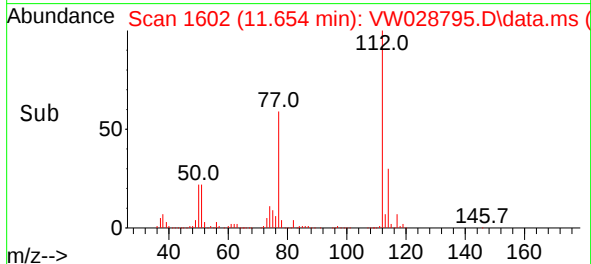
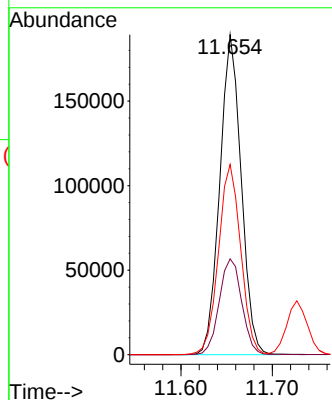
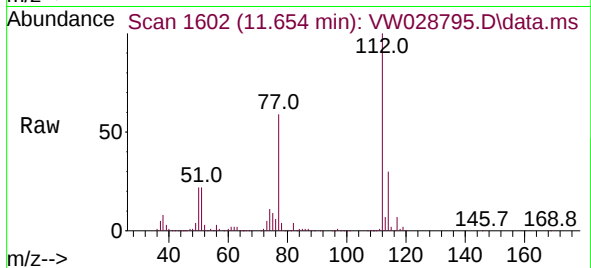
Tgt Ion:112 Resp: 308404

Ion Ratio Lower Upper

112 100

114 30.0 22.2 41.2

77 59.5 50.8 76.2



#52

Ethylbenzene

Concen: 26.267 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW028795.D

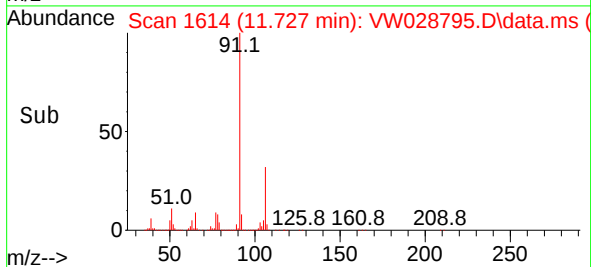
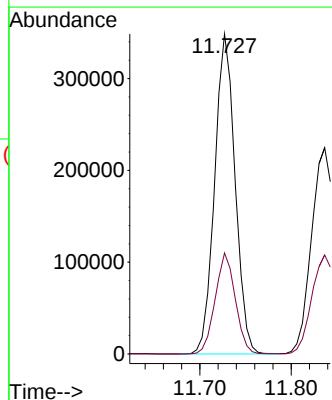
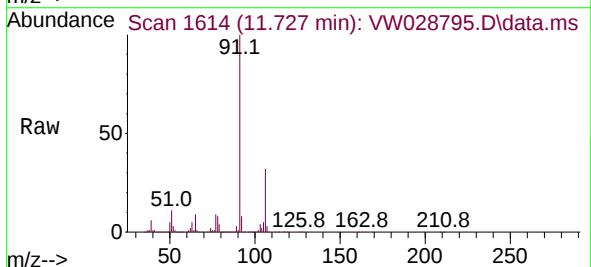
Acq: 25 May 2024 17:40

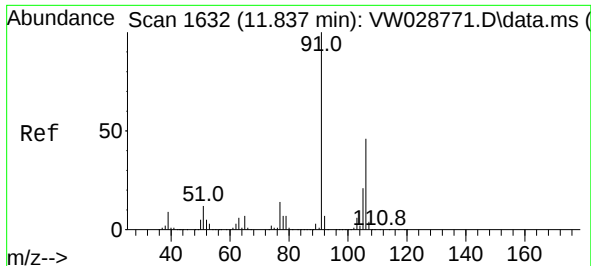
Tgt Ion: 91 Resp: 541899

Ion Ratio Lower Upper

91 100

106 31.6 22.7 42.1

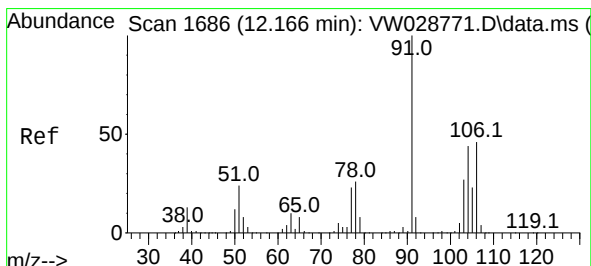
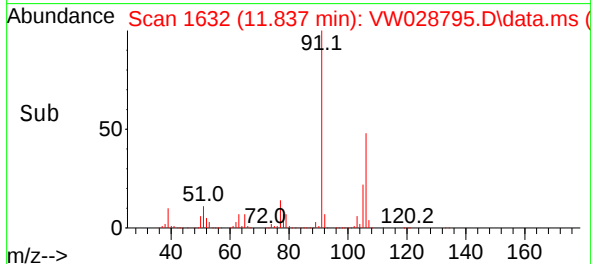
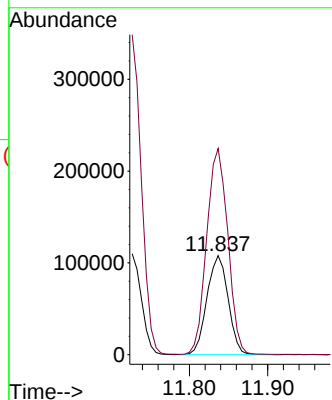
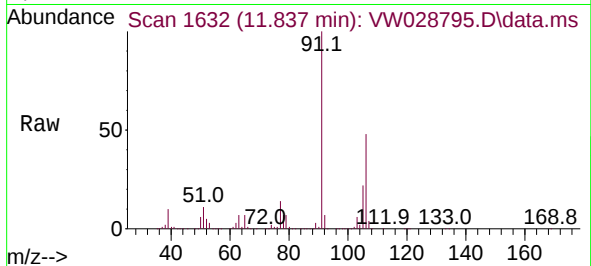




#53
m,p-Xylene
Concen: 26.744 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

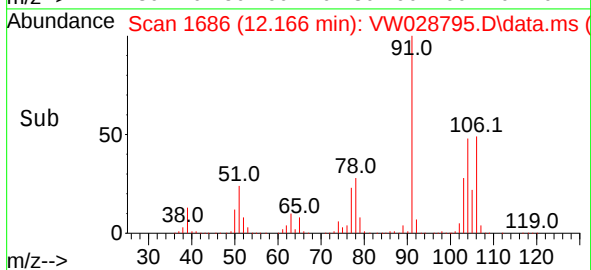
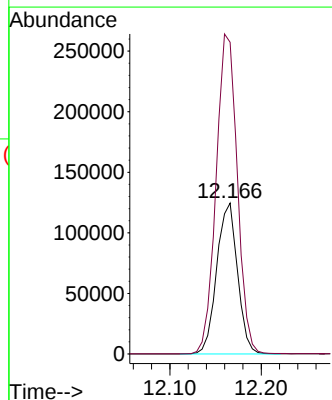
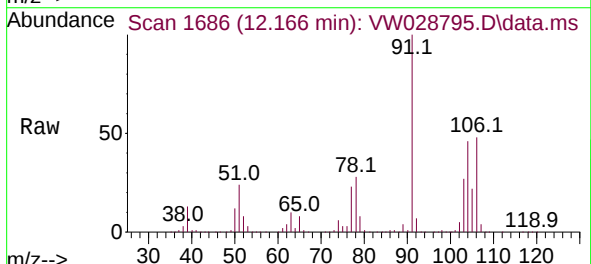
Instrument :
MSVOA_W
ClientSampleId :

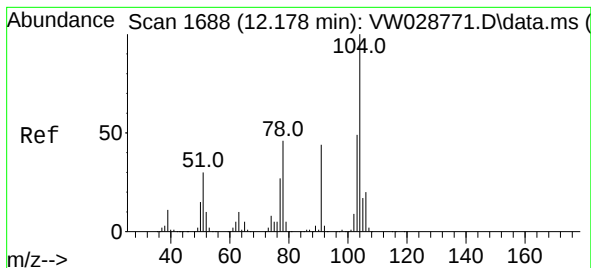
Tgt Ion:106 Resp: 202253
Ion Ratio Lower Upper
106 100
91 208.0 146.6 272.2



#54
o-Xylene
Concen: 28.137 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

Tgt Ion:106 Resp: 196852
Ion Ratio Lower Upper
106 100
91 206.4 154.3 286.5





#55

Styrene

Concen: 28.593 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

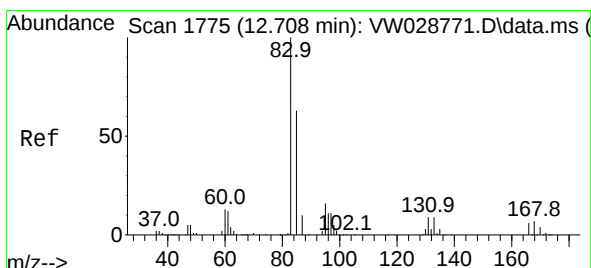
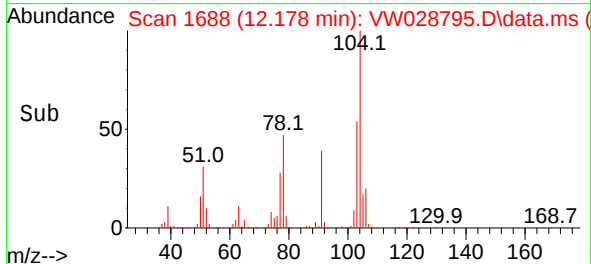
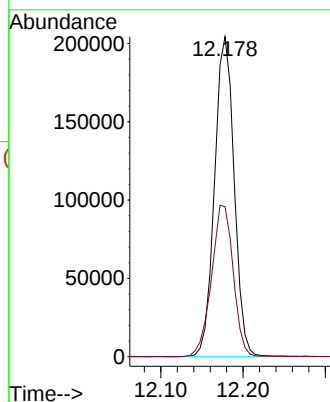
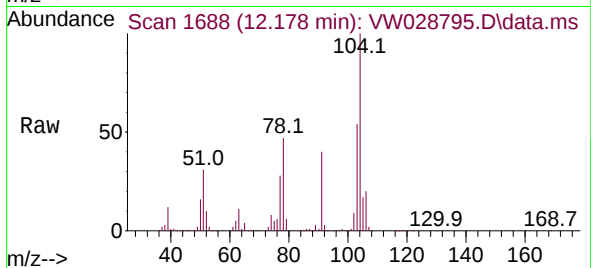
ClientSampleId :

Tgt Ion:104 Resp: 338962

Ion Ratio Lower Upper

104 100

78 46.9 34.1 63.3



#57

1,1,2,2-Tetrachloroethane

Concen: 23.306 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

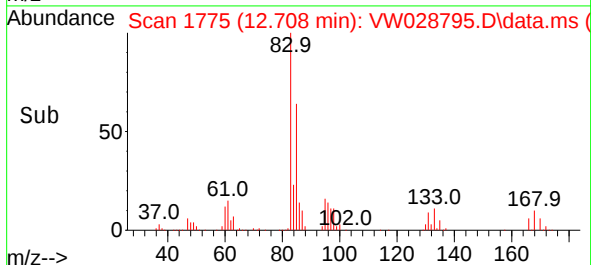
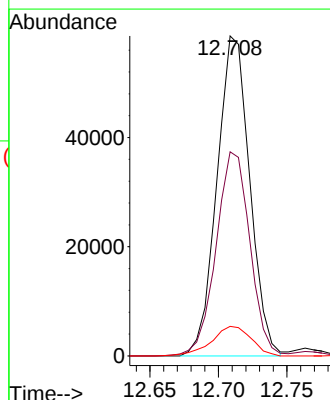
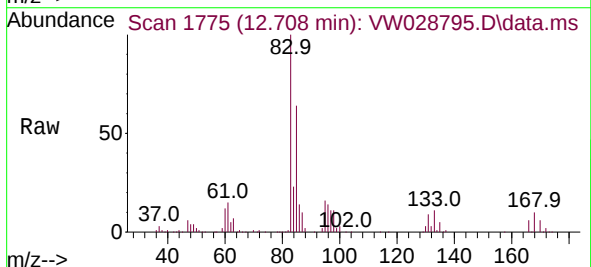
Tgt Ion: 83 Resp: 97421

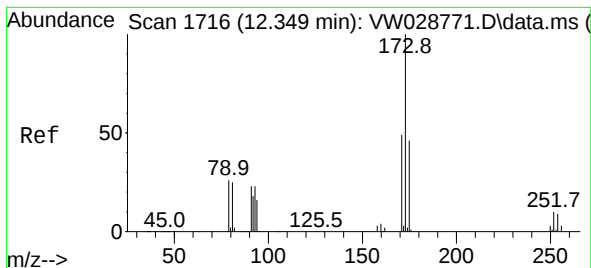
Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.6

131 9.3 7.3 10.9





#59

Bromoform

Concen: 23.183 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028795.D

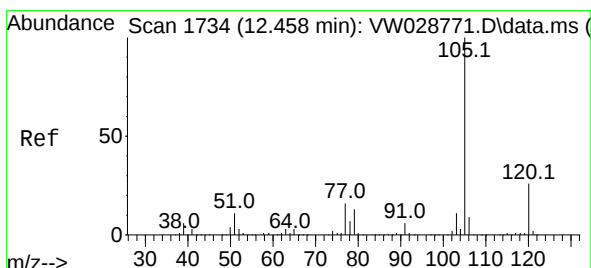
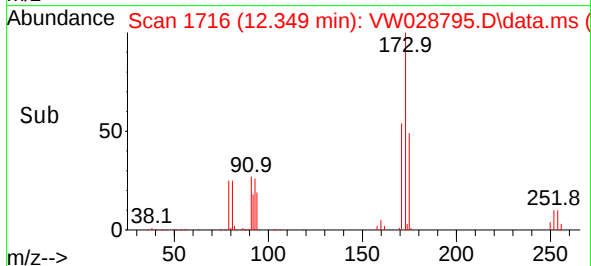
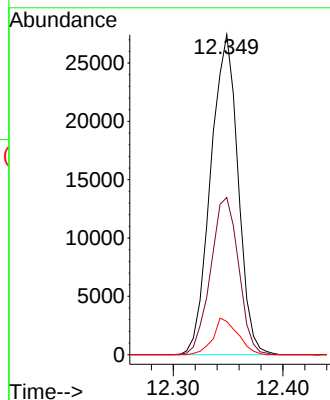
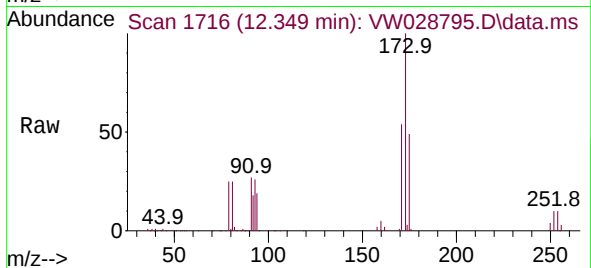
Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	47607
Ion Ratio	Lower	Upper
173	100	
175	50.1	39.8 59.8
254	10.3	7.1 10.7



#60

Isopropylbenzene

Concen: 24.871 ug/L

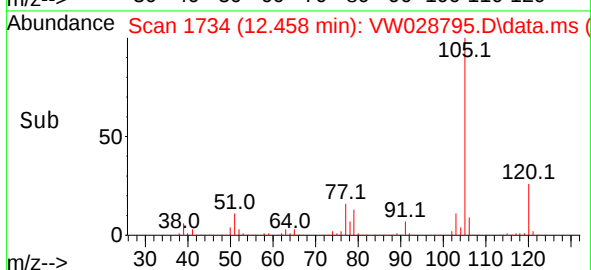
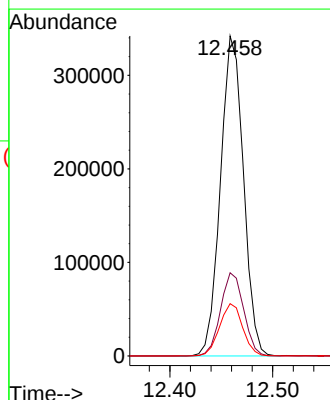
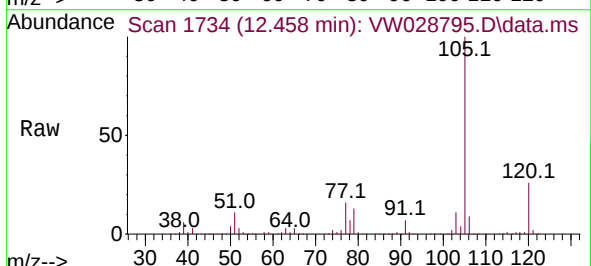
RT: 12.458 min Scan# 1734

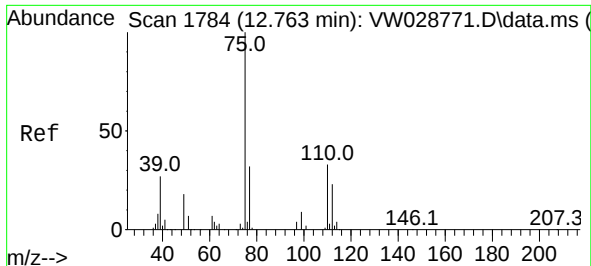
Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Tgt Ion:105	Resp:	531115
Ion Ratio	Lower	Upper
105	100	
120	26.1	20.5 30.7
77	16.4	13.4 20.2





#61

1,2,3-Trichloropropane

Concen: 20.996 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028795.D

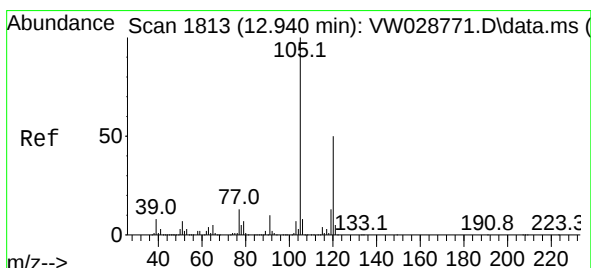
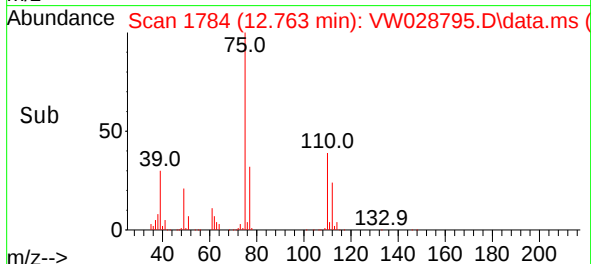
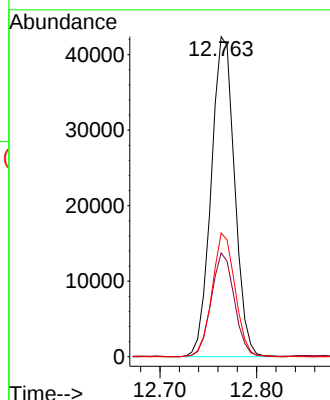
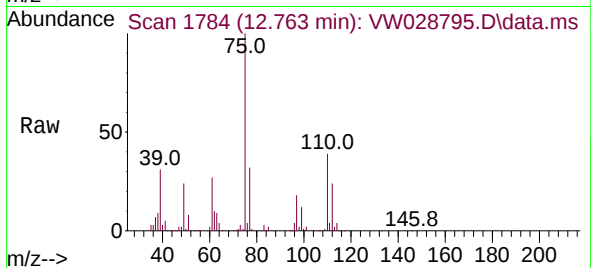
Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 71422
Ion Ratio	Lower Upper
75	100
77	31.9 25.9 38.9
110	37.7 30.6 45.8



#62

1,3,5-Trimethylbenzene

Concen: 26.510 ug/L

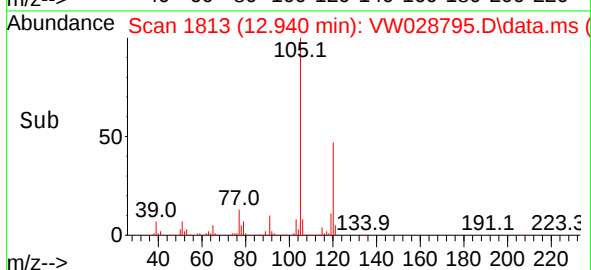
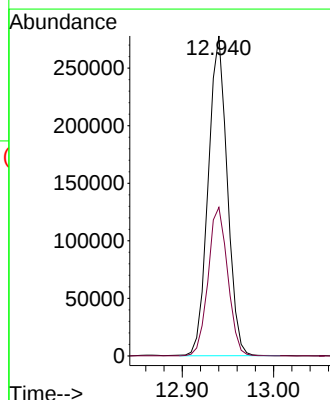
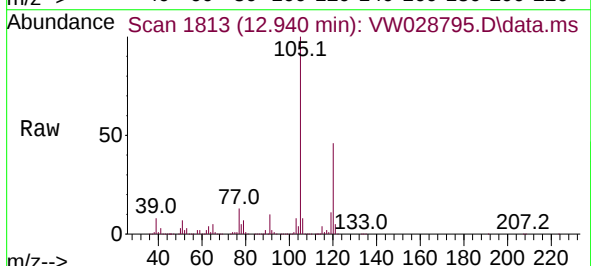
RT: 12.940 min Scan# 1813

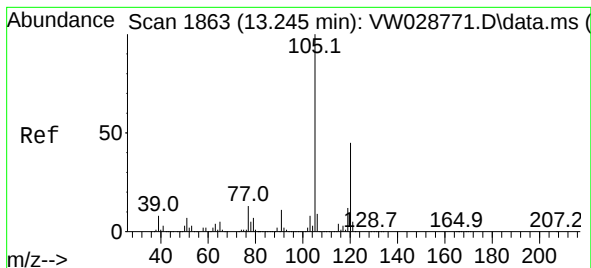
Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Tgt Ion: 105	Resp: 400537
Ion Ratio	Lower Upper
105	100
120	48.0 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 26.342 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

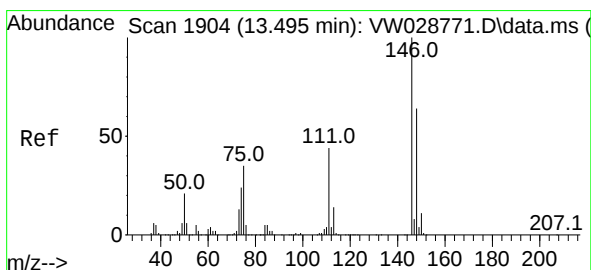
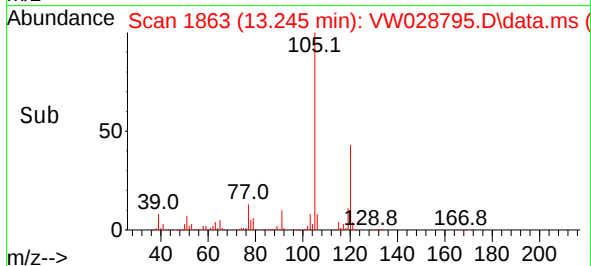
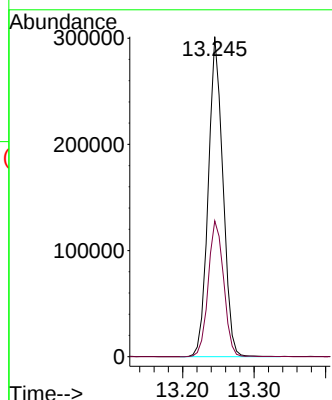
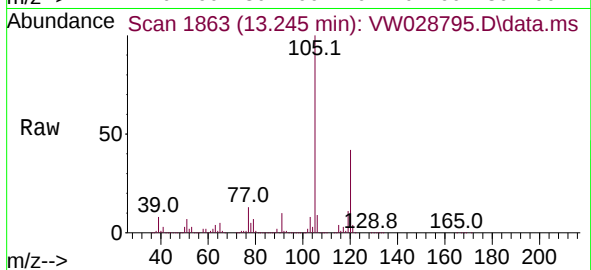
ClientSampleId :

Tgt Ion:105 Resp: 428846

Ion Ratio Lower Upper

105 100

120 44.6 34.1 51.1



#64

1,3-Dichlorobenzene

Concen: 25.310 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

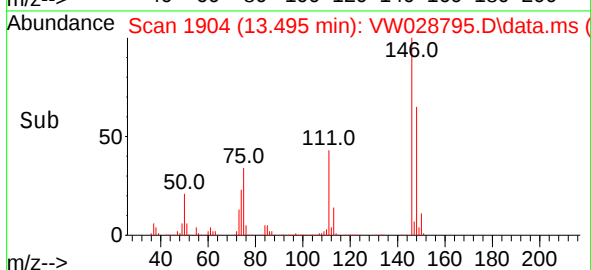
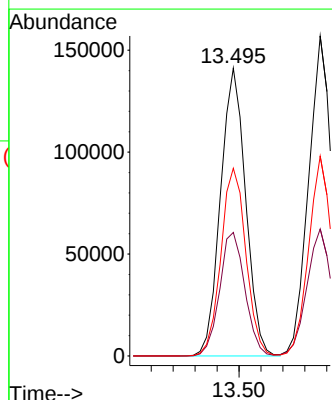
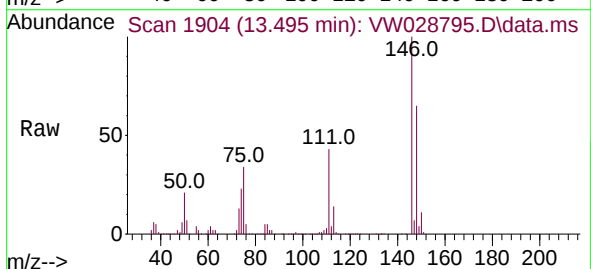
Tgt Ion:146 Resp: 224849

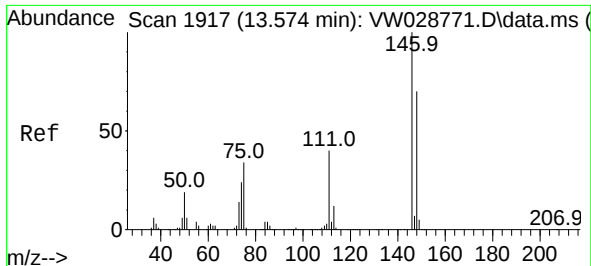
Ion Ratio Lower Upper

146 100

111 42.9 30.7 57.1

148 65.2 47.0 87.2





#65

1,4-Dichlorobenzene

Concen: 25.972 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

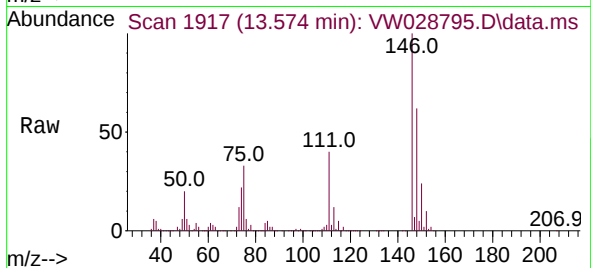
Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :



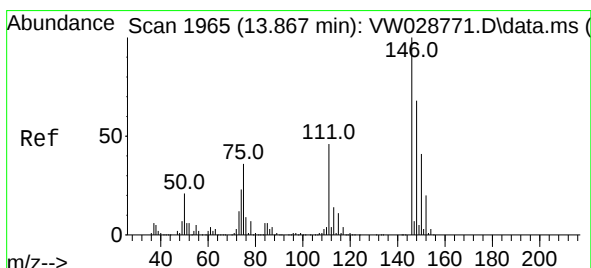
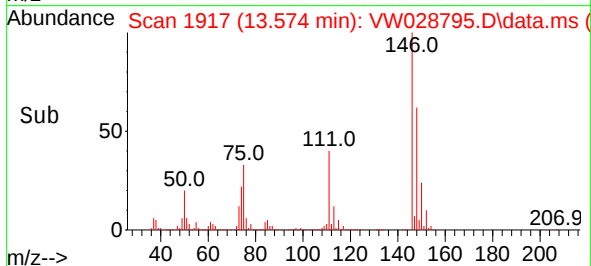
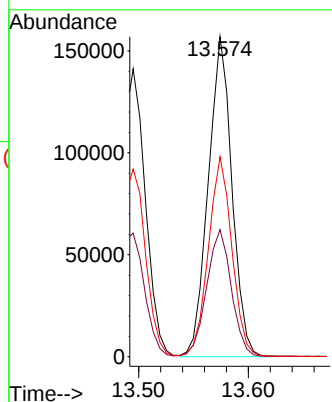
Tgt Ion:146 Resp: 235885

Ion Ratio Lower Upper

146 100

111 39.7 29.1 54.1

148 62.5 41.2 76.6



#67

1,2-Dichlorobenzene

Concen: 25.741 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

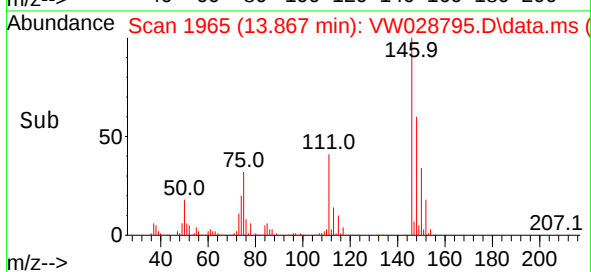
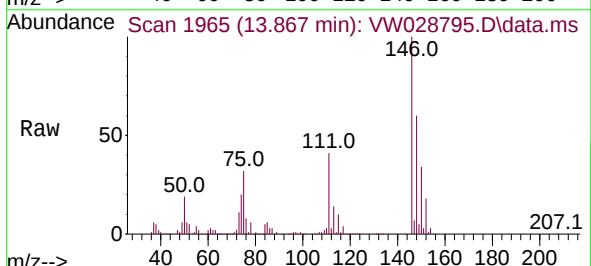
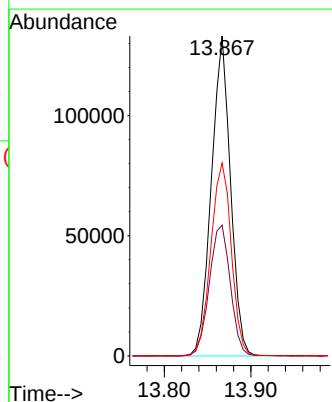
Tgt Ion:146 Resp: 204672

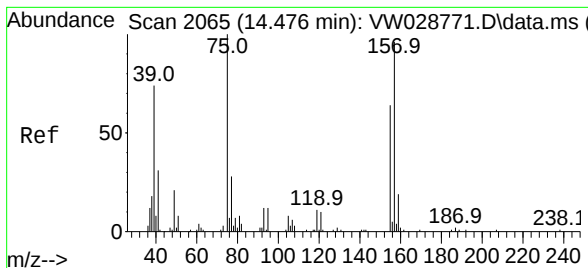
Ion Ratio Lower Upper

146 100

111 40.9 34.7 52.1

148 60.3 51.8 77.8

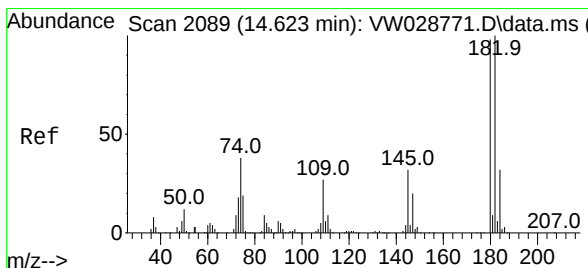
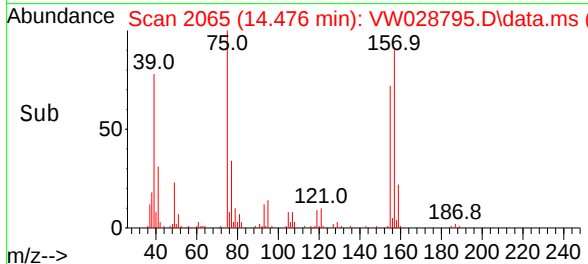
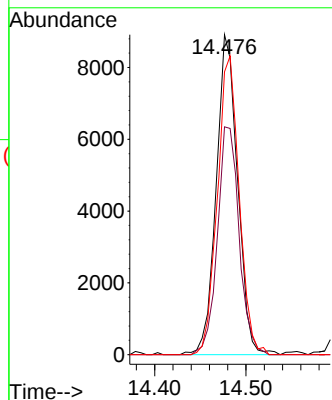
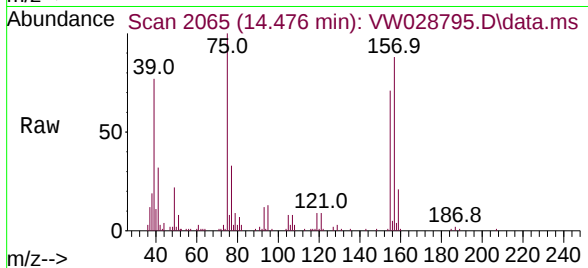




#68
1,2-Dibromo-3-chloropropane
Concen: 18.191 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

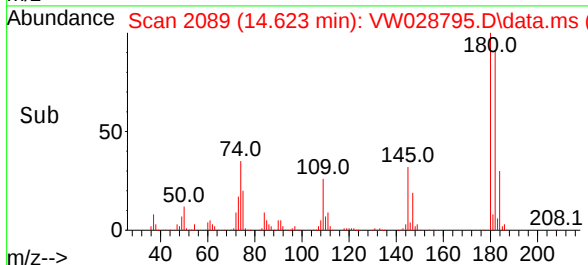
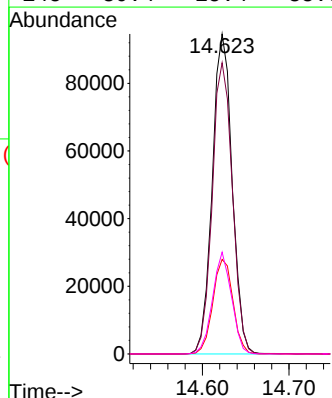
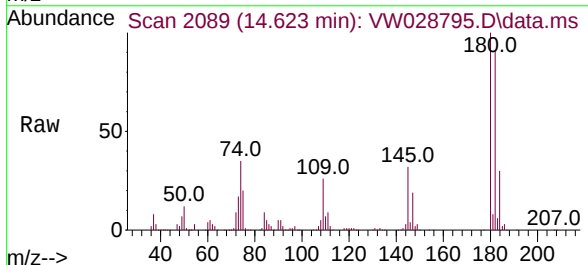
Instrument :
MSVOA_W
ClientSampleId :

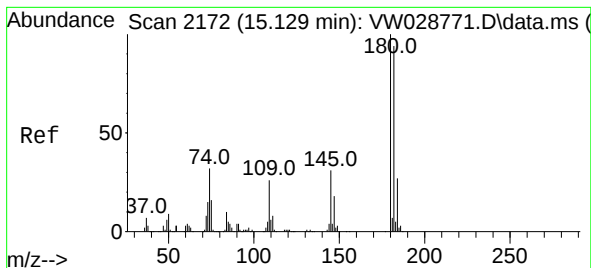
Tgt Ion: 75 Resp: 14468
Ion Ratio Lower Upper
75 100
155 71.2 55.1 82.7
157 88.4 68.6 102.8



#69
1,3,5-Trichlorobenzene
Concen: 25.276 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW028795.D
Acq: 25 May 2024 17:40

Tgt Ion:180 Resp: 150677
Ion Ratio Lower Upper
180 100
182 92.3 75.4 113.2
184 29.9 24.0 36.0
145 30.4 25.4 38.0





#70

1,2,4-trichlorobenzene

Concen: 25.609 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

Instrument :

MSVOA_W

ClientSampleId :

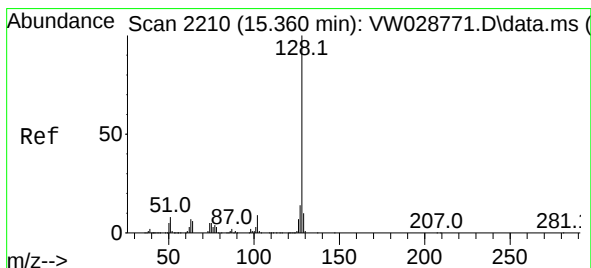
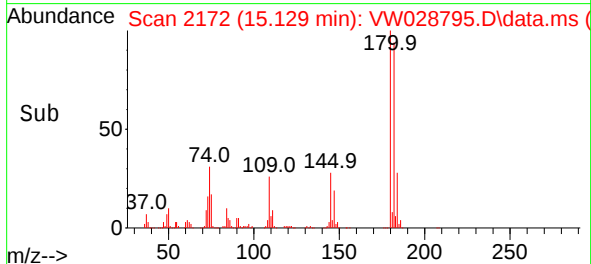
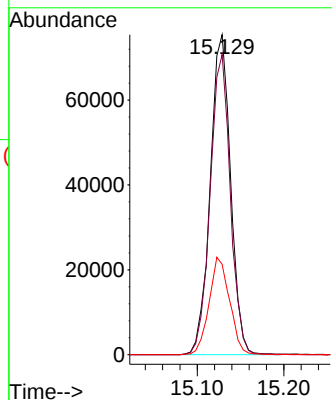
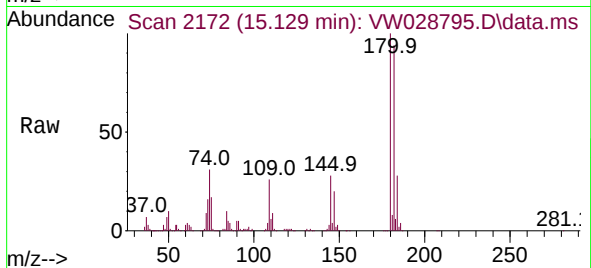
Tgt Ion:180 Resp: 123352

Ion Ratio Lower Upper

180 100

182 92.7 77.2 115.8

145 30.7 26.6 39.8



#71

Naphthalene

Concen: 22.253 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028795.D

Acq: 25 May 2024 17:40

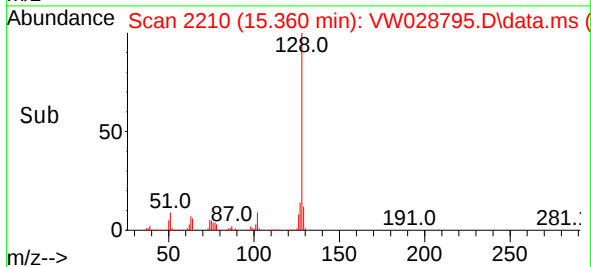
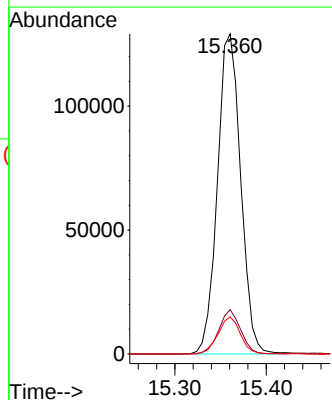
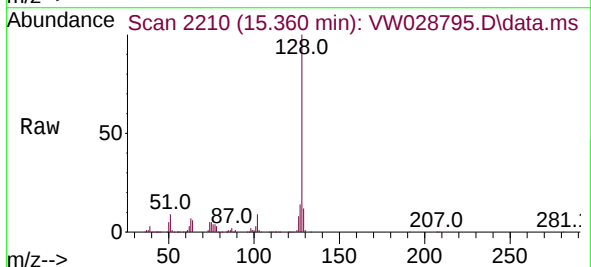
Tgt Ion:128 Resp: 228365

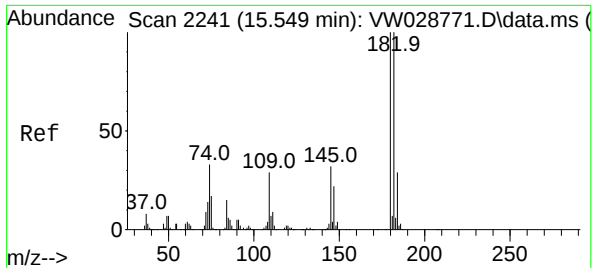
Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 24.758 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028795.D
 Acq: 25 May 2024 17:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 107608
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.1 114.1
 145 34.8 28.3 42.5

