

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081324\
 Data File : VW029895.D
 Acq On : 13 Aug 2024 11:12
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 14 01:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	245646	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226424	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112982	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	91431	26.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.880%
7) Chloroethane-d5	2.893	69	72781	29.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.920%
11) 1,1-Dichloroethene-d2	4.015	65	39763	24.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.920%
21) 2-Butanone-d5	7.075	46	38125	39.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.780%
24) Chloroform-d	7.648	84	181886	28.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	8.301	65	96152	26.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.270	84	345797	28.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.040%
36) 1,2-Dichloropropane-d6	9.270	67	100295	25.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.680%
41) Toluene-d8	10.319	98	319195	29.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.360%
43) trans-1,3-Dichloroprop...	10.575	79	43673	27.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.520%
47) 2-Hexanone-d5	10.922	63	30087	46.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78540	27.077	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	100511	28.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	73591	22.225	ug/L	94
3) Chloromethane	2.217	50	69423	16.944	ug/L	95
5) Vinyl chloride	2.369	62	102951	22.425	ug/L	98
6) Bromomethane	2.790	94	65509	25.986	ug/L	95
8) Chloroethane	2.936	64	64272	24.609	ug/L	97
9) Trichlorofluoromethane	3.265	101	87062	23.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87018	23.825	ug/L	97
12) 1,1-Dichloroethene	4.045	96	82175	24.487	ug/L	85
13) Acetone	4.119	43	51669	43.498	ug/L	96
14) Carbon disulfide	4.387	76	228700	20.479	ug/L	99
15) Methyl Acetate	4.673	43	33676	17.021	ug/L #	87
16) Methylene chloride	4.917	84	91624	17.842	ug/L	86
17) trans-1,2-Dichloroethene	5.429	96	87221	24.119	ug/L	88
18) Methyl tert-butyl Ether	5.423	73	140838	23.630	ug/L	99
19) 1,1-Dichloroethane	6.216	63	169204	22.185	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	98582	25.131	ug/L	89
22) 2-Butanone	7.167	43	54875	36.054	ug/L	87
23) Bromochloromethane	7.514	128	41632	24.999	ug/L #	78
25) Chloroform	7.673	83	182302	25.369	ug/L	99

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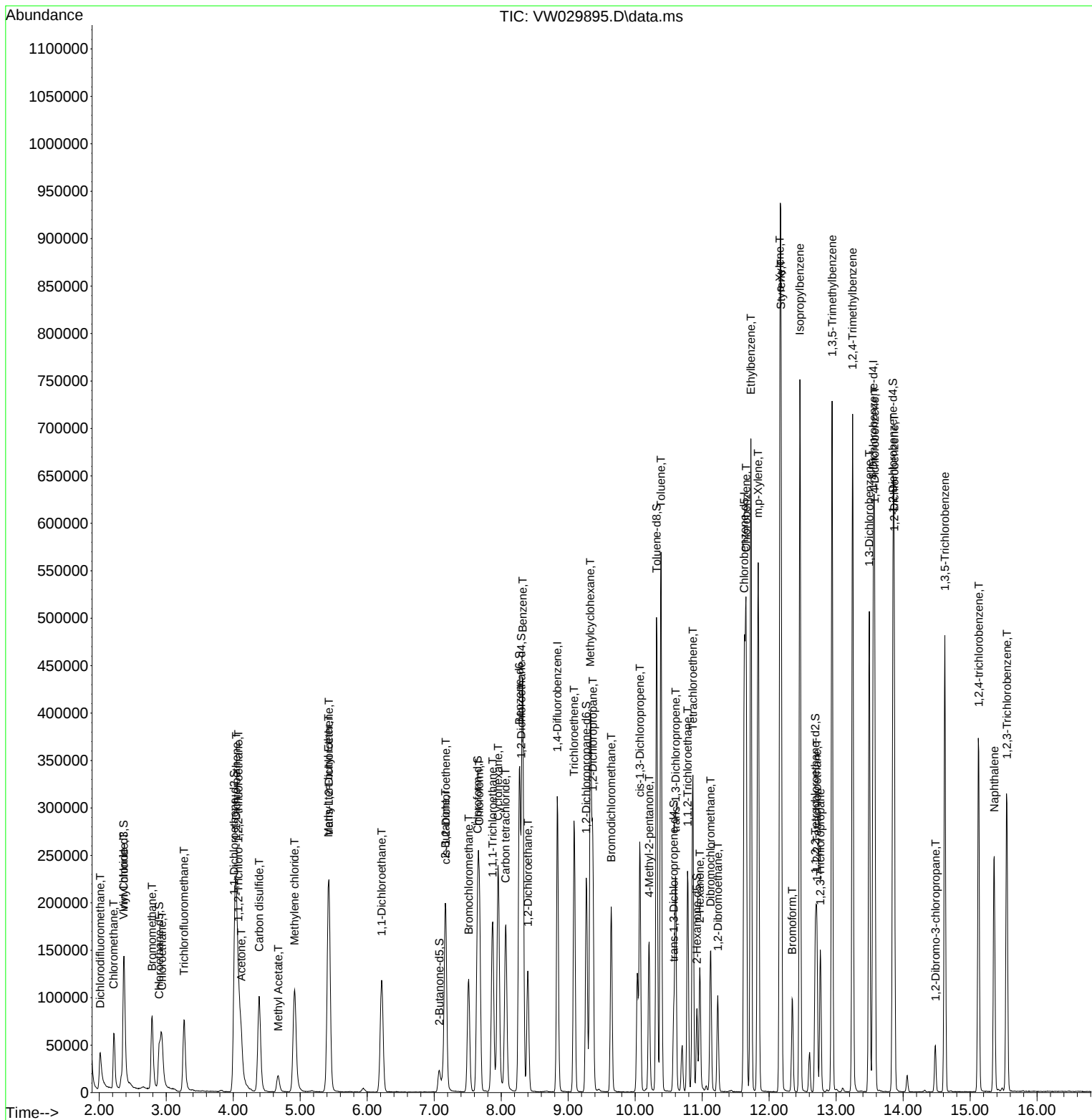
Instrument :
 MSVOA_W
 ClientSampleId :

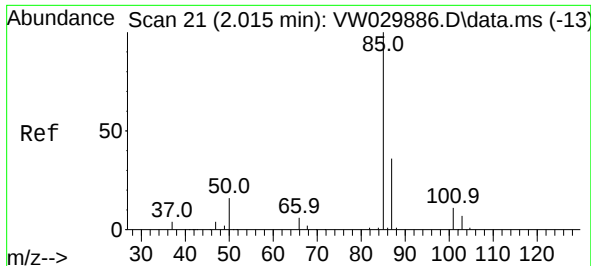
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 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117772	22.489	ug/L	96
29) Cyclohexane	7.953	56	130175	20.231	ug/L	88
30) 1,1,1-Trichloroethane	7.874	97	146945	25.628	ug/L	97
31) Carbon tetrachloride	8.063	117	130239	25.208	ug/L	97
33) Benzene	8.319	78	373886	24.100	ug/L	100
34) Trichloroethene	9.087	95	101149	24.871	ug/L	95
35) Methylcyclohexane	9.331	83	159307	23.508	ug/L	92
37) 1,2-Dichloropropane	9.368	63	93950	22.098	ug/L	99
38) Bromodichloromethane	9.642	83	128503	25.382	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	149608	24.163	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	98519	36.483	ug/L #	91
42) Toluene	10.386	91	408044	25.767	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	123392	24.007	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70495	24.682	ug/L	97
46) Tetrachloroethene	10.861	164	73027	24.705	ug/L	84
48) 2-Hexanone	10.965	43	80201	39.654	ug/L #	91
49) Dibromochloromethane	11.123	129	76929	25.946	ug/L	99
50) 1,2-Dibromoethane	11.233	107	65018	24.603	ug/L	94
51) Chlorobenzene	11.654	112	248924	25.271	ug/L	98
52) Ethylbenzene	11.727	91	465077	26.036	ug/L	98
53) m,p-Xylene	11.837	106	171246	26.067	ug/L	94
54) o-Xylene	12.160	106	159293	26.331	ug/L	96
55) Styrene	12.178	104	279045	26.610	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	83373	23.783	ug/L	99
59) Bromoform	12.343	173	41737	24.550	ug/L	98
60) Isopropylbenzene	12.459	105	459696	26.294	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60240	21.922	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	376784	28.994	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	372796	26.824	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	195497	26.209	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	195938	25.572	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	170397	25.091	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	12796	20.509	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	128945	25.266	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	108609	25.260	ug/L	98
71) Naphthalene	15.361	128	204069	24.875	ug/L	100
72) 1,2,3-Trichlorobenzene	15.550	180	99098	25.465	ug/L	97

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

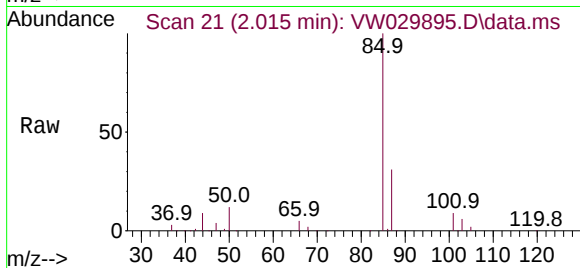
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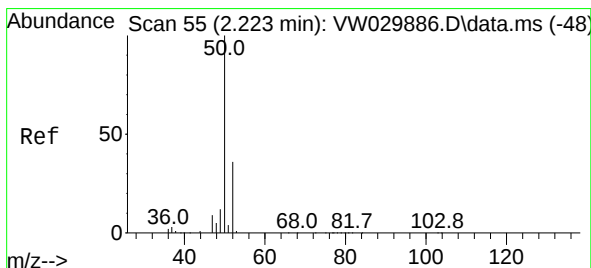
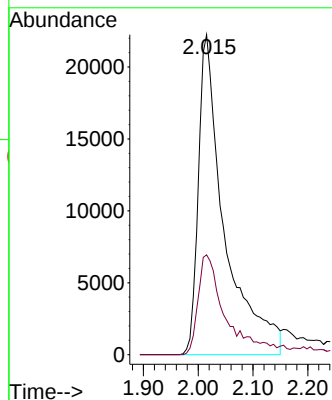
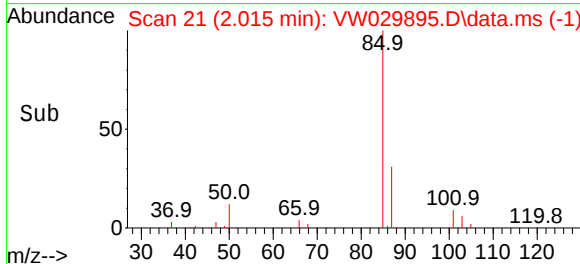


#2
Dichlorodifluoromethane
Concen: 22.225 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Instrument :
MSVOA_W
ClientSampleId :

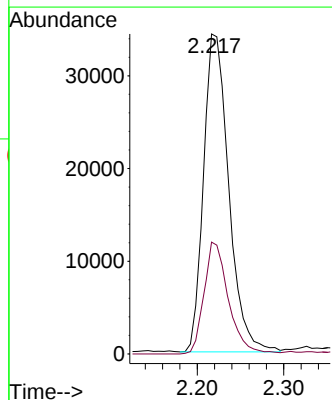
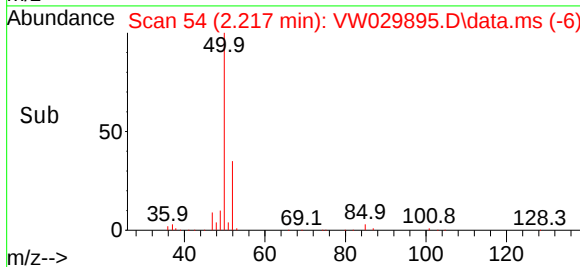
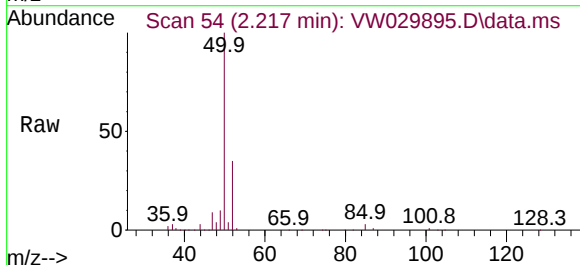


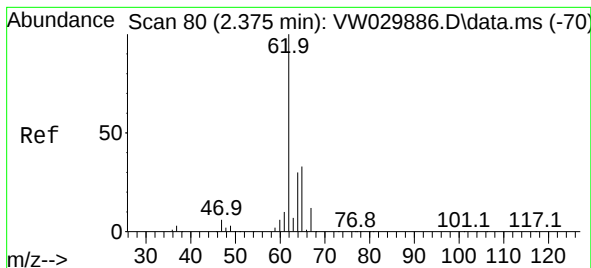
Tgt Ion: 85 Resp: 73591
Ion Ratio Lower Upper
85 100
87 28.4 25.5 38.3



#3
Chloromethane
Concen: 16.944 ug/L
RT: 2.217 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 50 Resp: 69423
Ion Ratio Lower Upper
50 100
52 34.9 22.5 41.9





#5

Vinyl chloride

Concen: 22.425 ug/L

RT: 2.369 min Scan# 70

Delta R.T. -0.006 min MSVOA_W

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

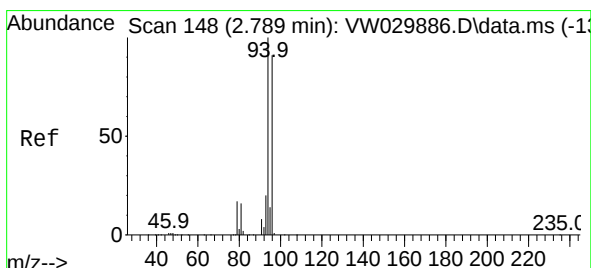
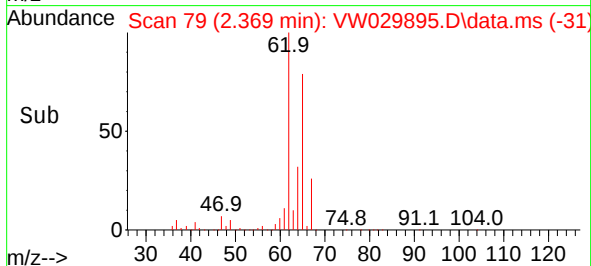
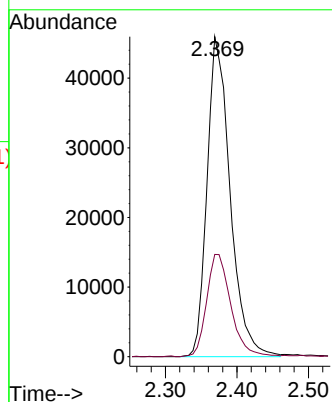
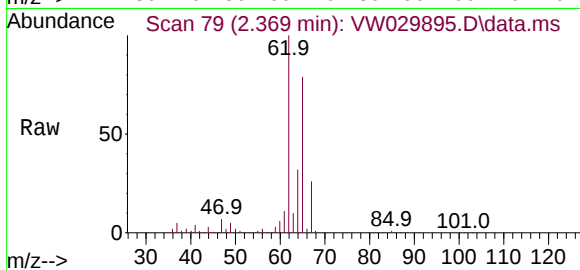
ClientSampleId :

Tgt Ion: 62 Resp: 102951

Ion Ratio Lower Upper

62 100

64 31.9 23.2 43.2



#6

Bromomethane

Concen: 25.986 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029895.D

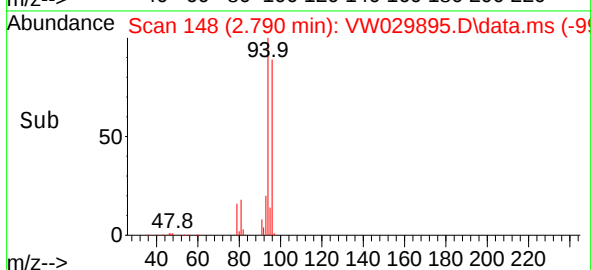
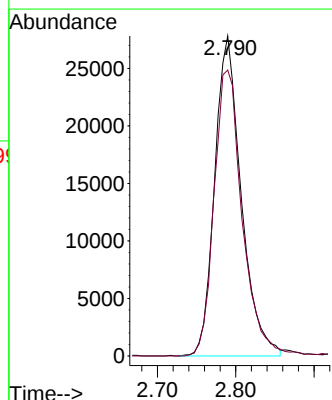
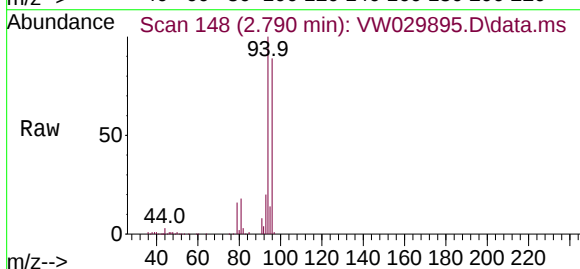
Acq: 13 Aug 2024 11:12

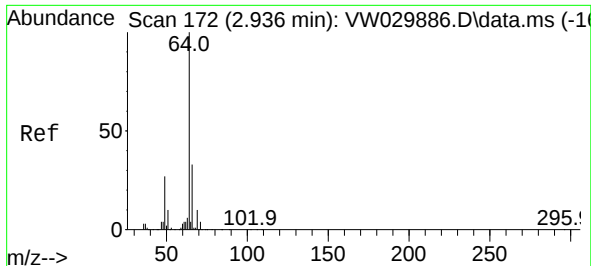
Tgt Ion: 94 Resp: 65509

Ion Ratio Lower Upper

94 100

96 89.3 66.2 123.0

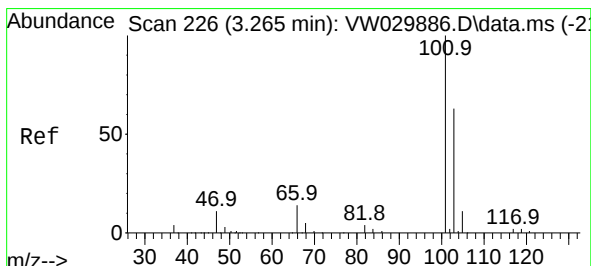
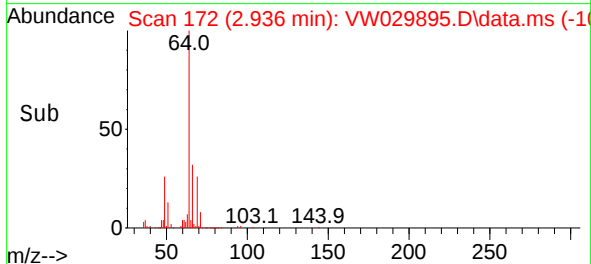
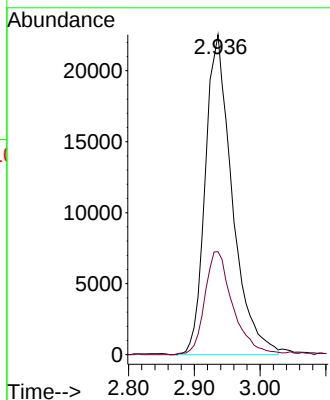
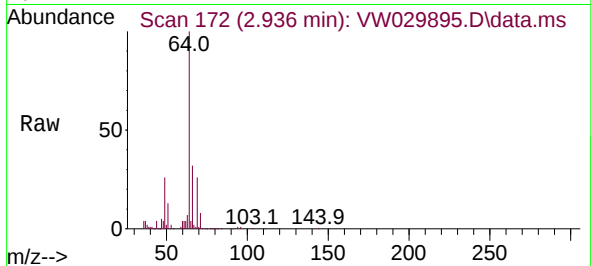




#8
Chloroethane
Concen: 24.609 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

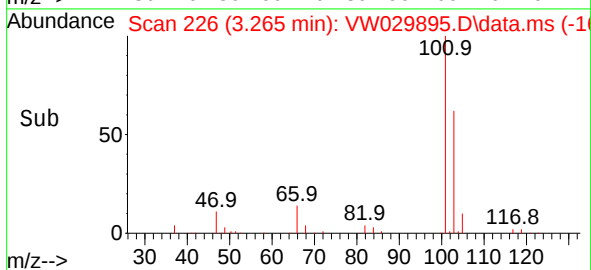
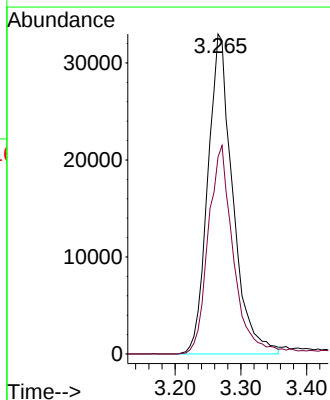
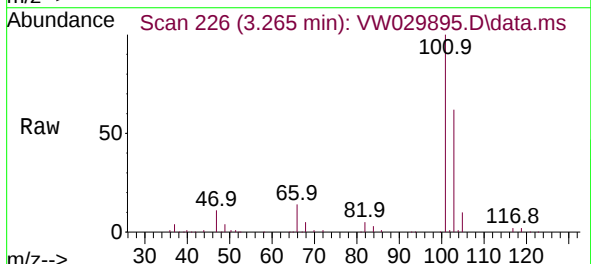
Instrument :
MSVOA_W
ClientSampleId :

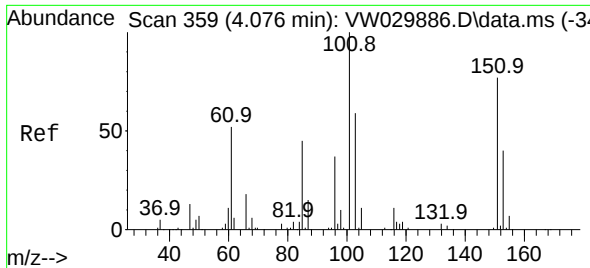
Tgt Ion: 64 Resp: 64272
Ion Ratio Lower Upper
64 100
66 32.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.741 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 101 Resp: 87062
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4





#10

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

Concen: 23.825 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :

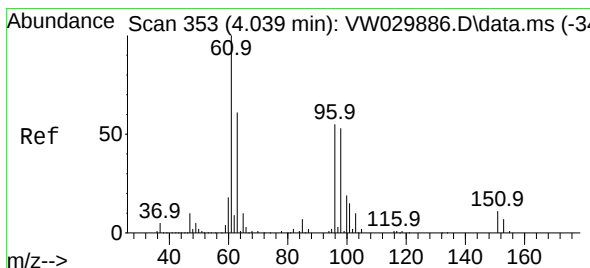
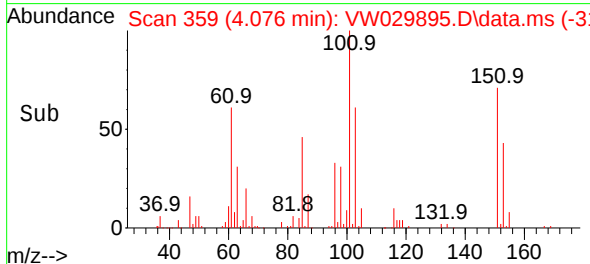
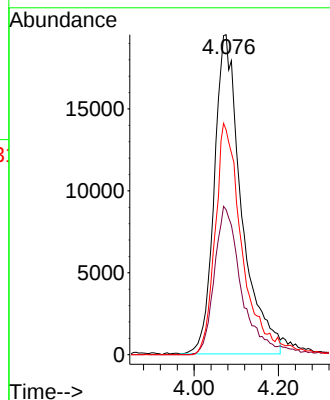
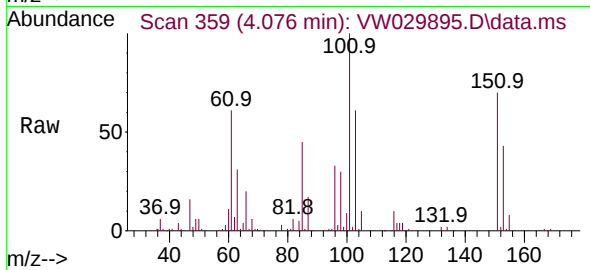
Tgt Ion:101 Resp: 87018

Ion Ratio Lower Upper

101 100

85 45.3 34.2 51.4

151 65.9 54.2 81.2



#12

1,1-Dichloroethene

Concen: 24.487 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

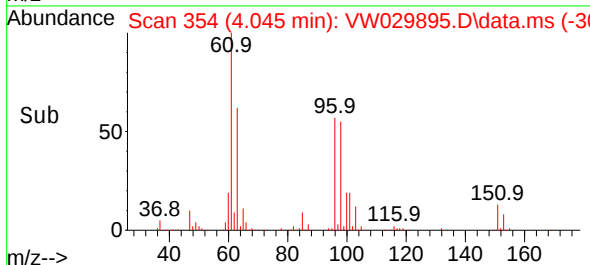
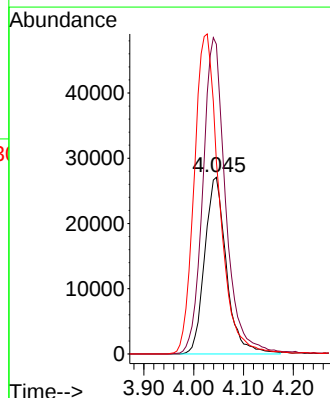
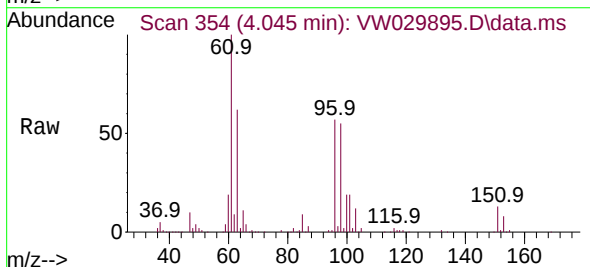
Tgt Ion: 96 Resp: 82175

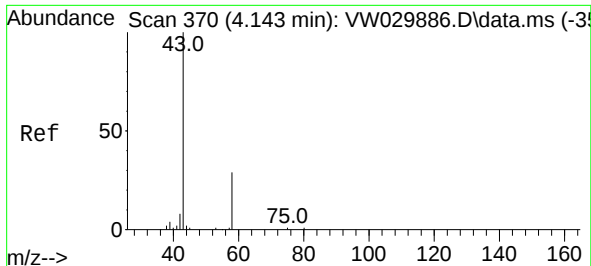
Ion Ratio Lower Upper

96 100

61 175.3 138.3 256.9

63 109.1 89.0 165.4

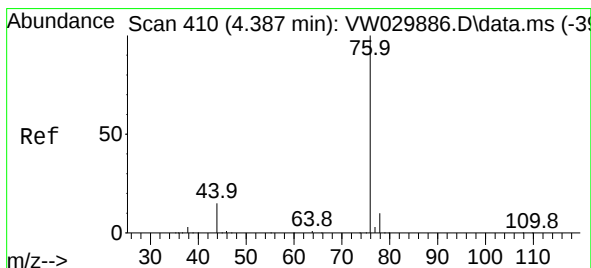
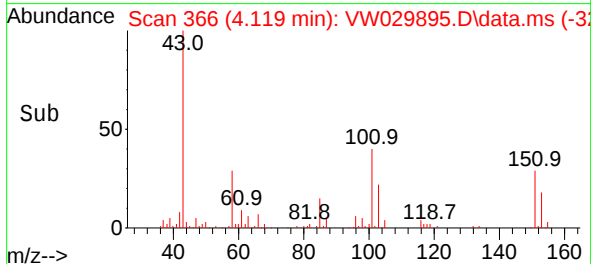
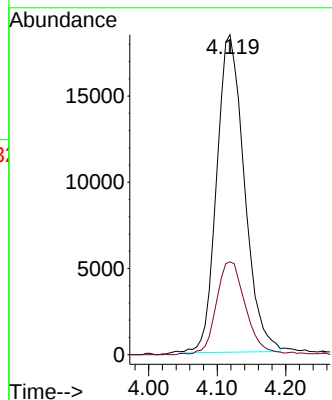
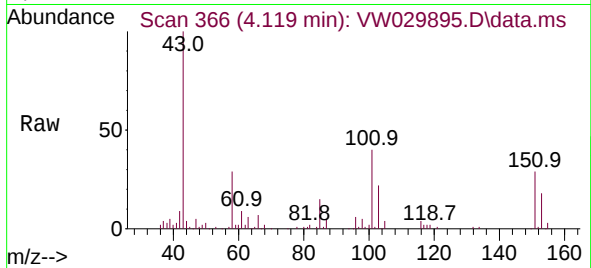




#13
Acetone
Concen: 43.498 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.024 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

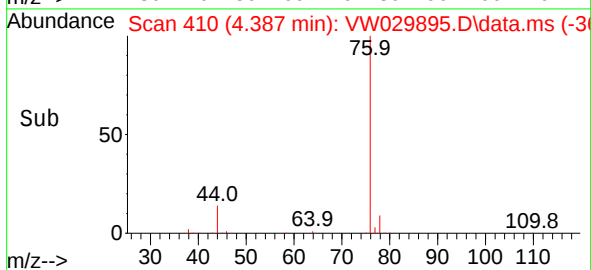
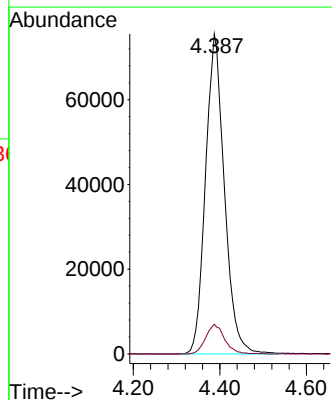
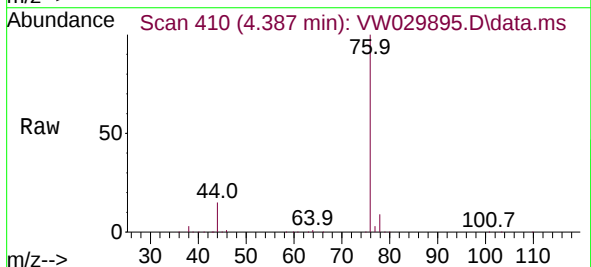
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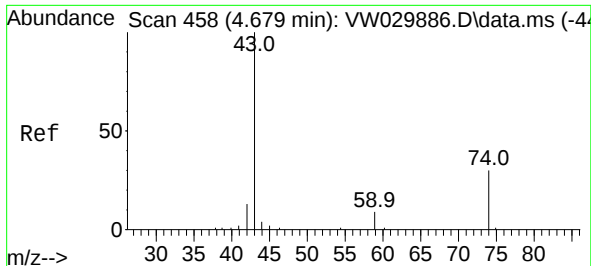
Tgt Ion: 43 Resp: 51669
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.6



#14
Carbon disulfide
Concen: 20.479 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 76 Resp: 228700
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

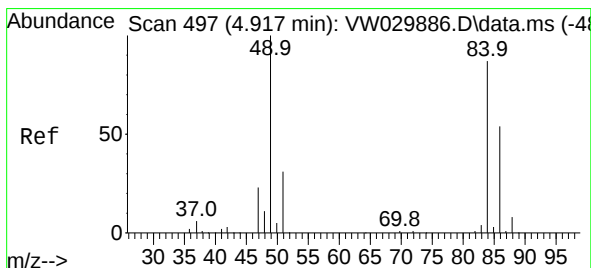
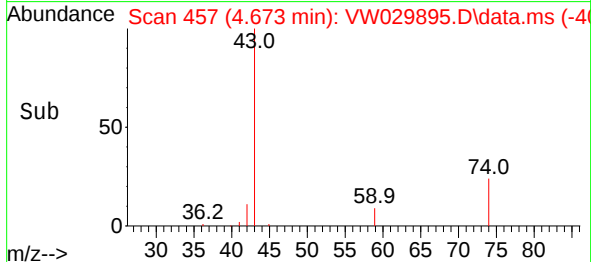
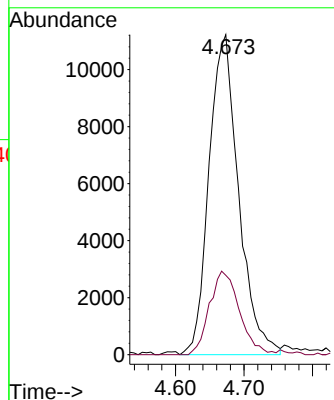
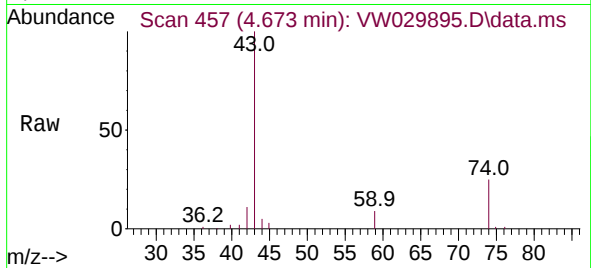




#15
Methyl Acetate
Concen: 17.021 ug/L
RT: 4.673 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

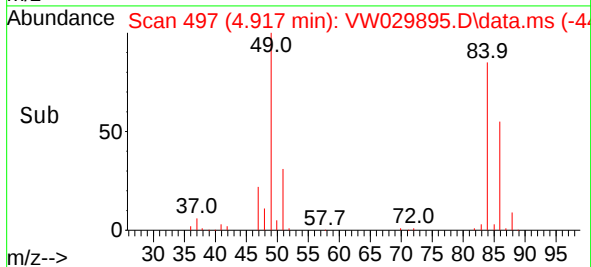
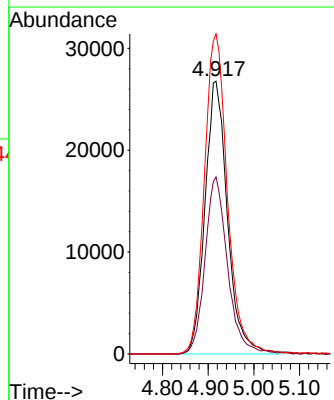
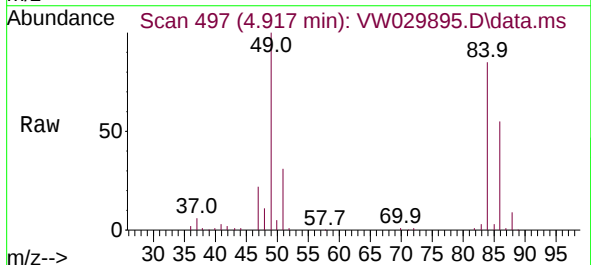
Instrument :
MSVOA_W
ClientSampleId :

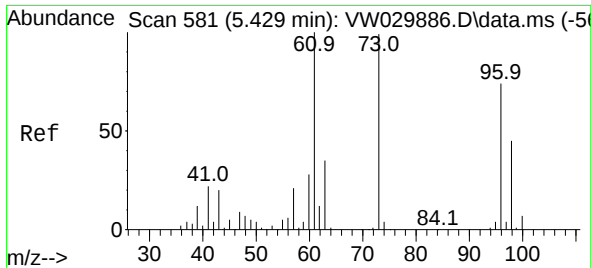
Tgt Ion: 43 Resp: 33676
Ion Ratio Lower Upper
43 100
74 26.4 16.5 24.7#



#16
Methylene chloride
Concen: 17.842 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 84 Resp: 91624
Ion Ratio Lower Upper
84 100
86 64.9 44.7 82.9
49 117.3 99.0 184.0

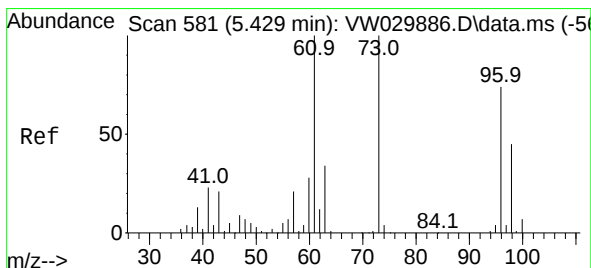
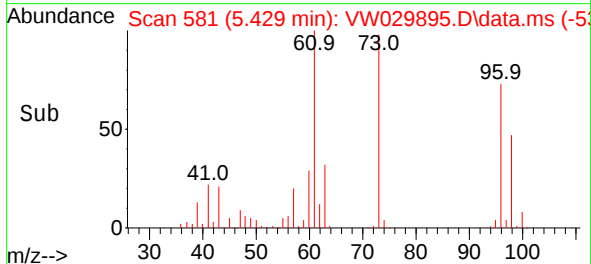
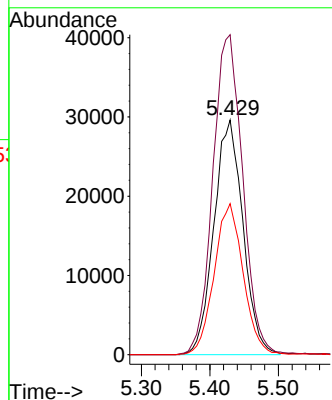
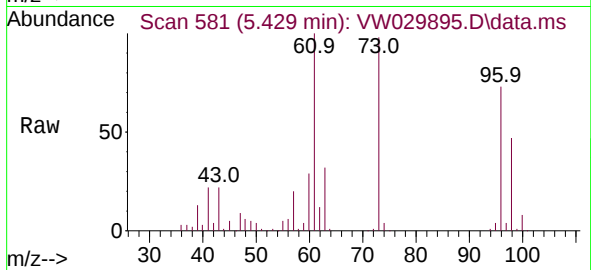




#17
trans-1,2-Dichloroethene
Concen: 24.119 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

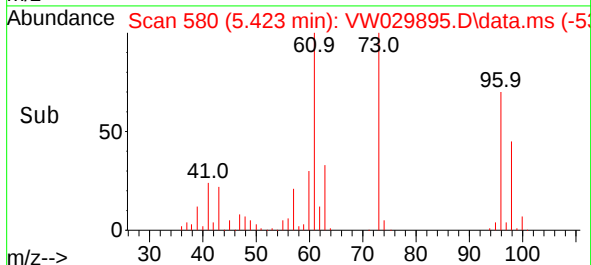
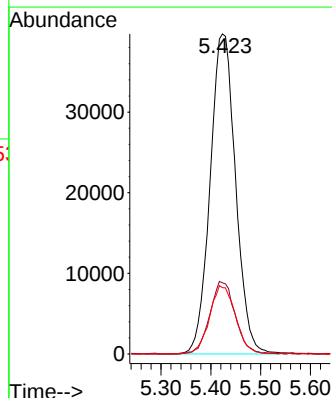
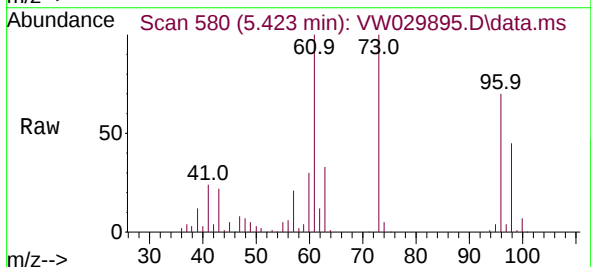
Instrument :
MSVOA_W
ClientSampleId :

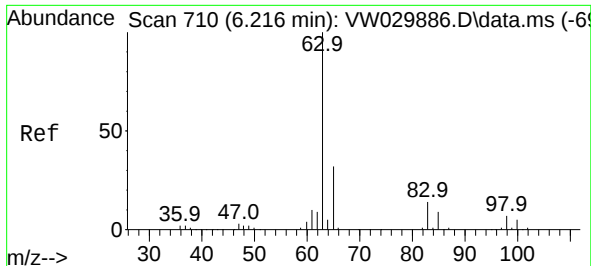
Tgt Ion: 96 Resp: 87221
Ion Ratio Lower Upper
96 100
61 136.4 111.2 206.6
98 64.4 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 23.630 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 73 Resp: 140838
Ion Ratio Lower Upper
73 100
43 22.4 18.3 27.5
57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 22.185 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :

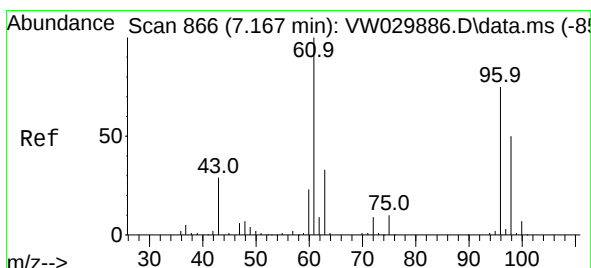
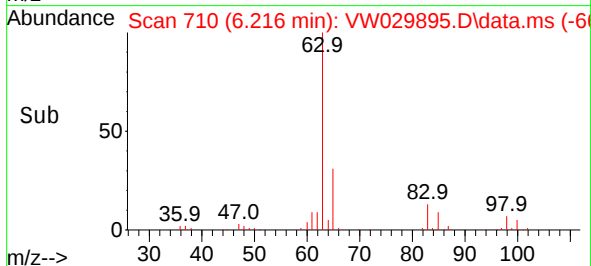
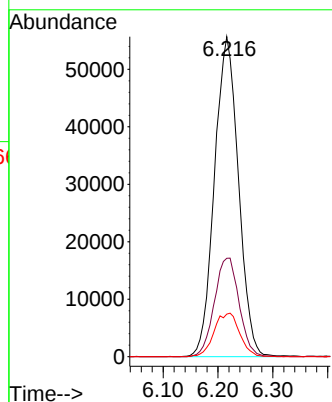
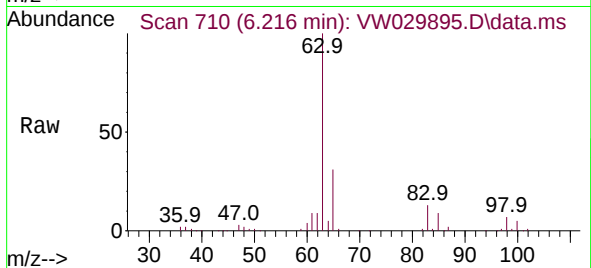
Tgt Ion: 63 Resp: 169204

Ion Ratio Lower Upper

63 100

65 30.8 22.3 41.3

83 13.3 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 25.131 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

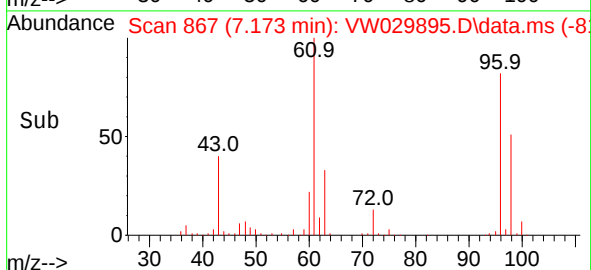
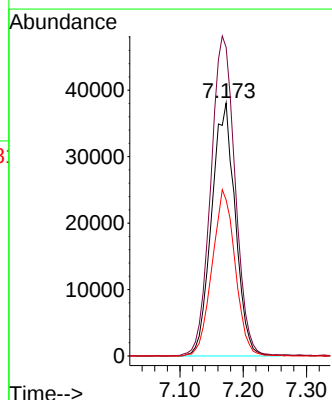
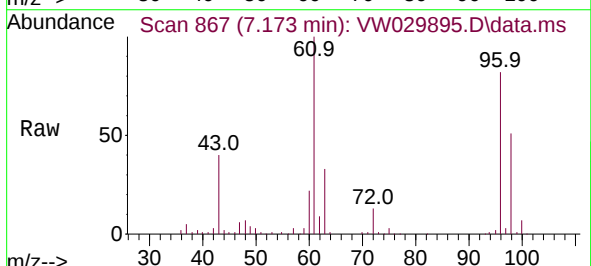
Tgt Ion: 96 Resp: 98582

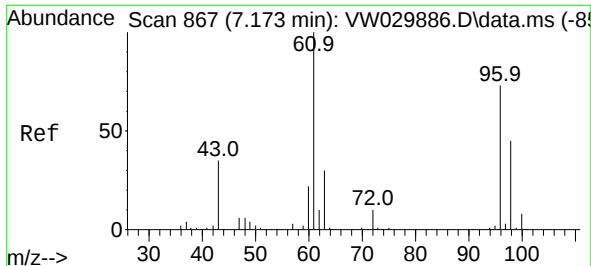
Ion Ratio Lower Upper

96 100

61 122.0 98.2 182.4

98 61.7 41.9 77.9





#22

2-Butanone

Concen: 36.054 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

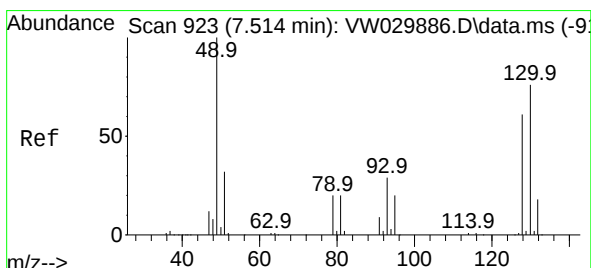
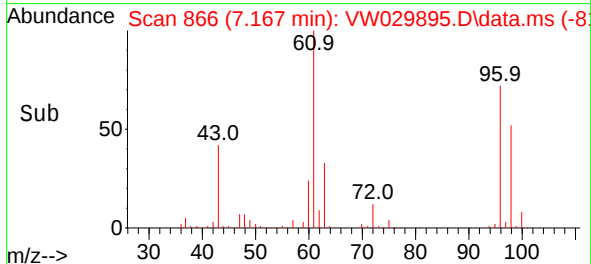
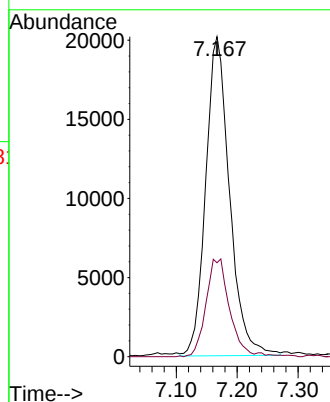
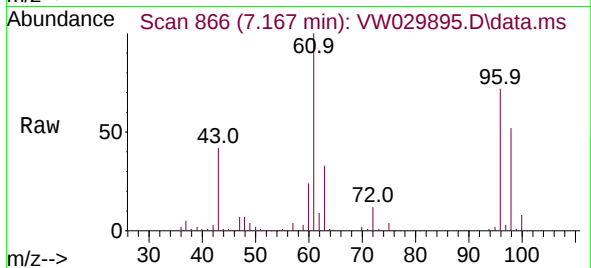
ClientSampleId :

Tgt Ion: 43 Resp: 54875

Ion Ratio Lower Upper

43 100

72 29.8 11.7 35.1



#23

Bromochloromethane

Concen: 24.999 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Tgt Ion: 128 Resp: 41632

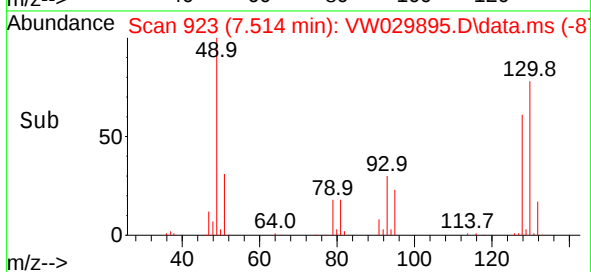
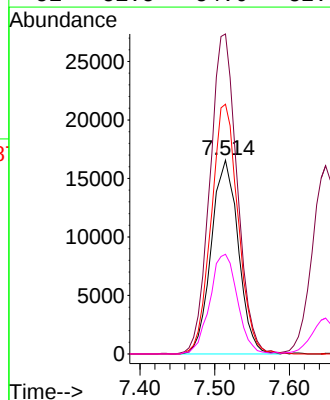
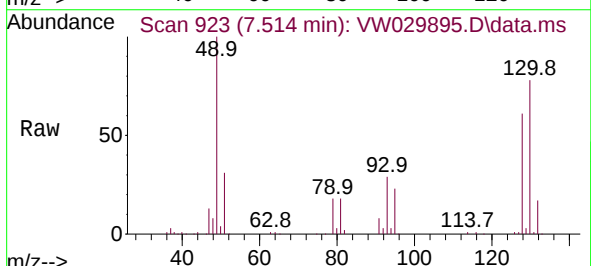
Ion Ratio Lower Upper

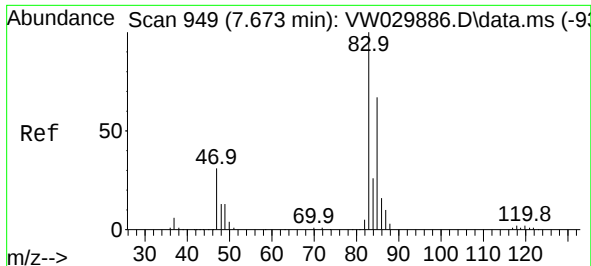
128 100

49 165.1 151.1 280.7

130 128.9 96.8 179.8

51 51.5 54.6 82.0#





#25

Chloroform

Concen: 25.369 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

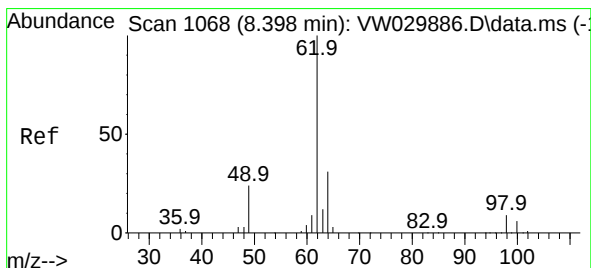
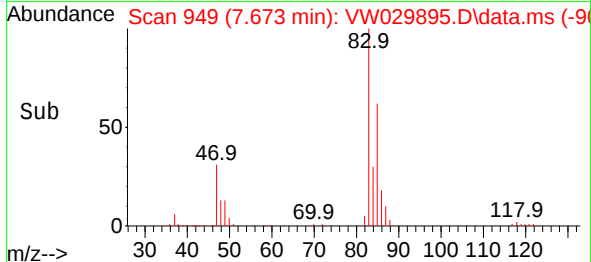
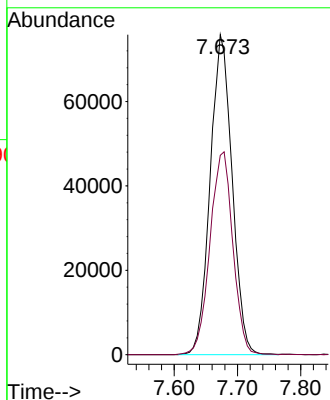
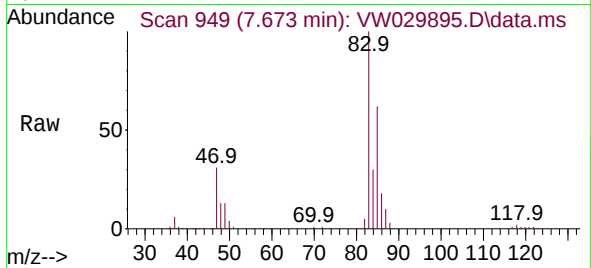
ClientSampleId :

Tgt Ion: 83 Resp: 182302

Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 22.489 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029895.D

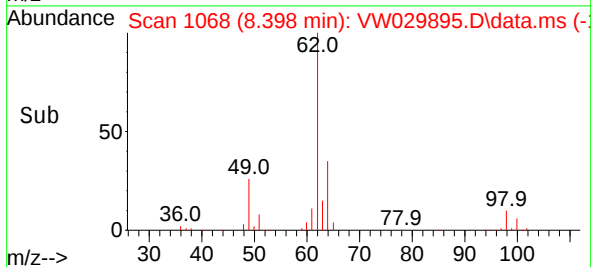
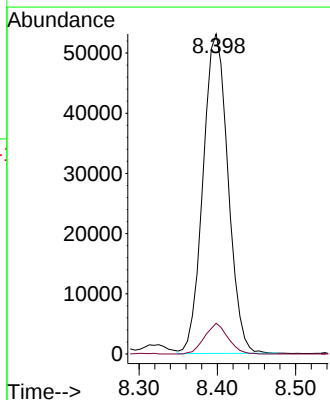
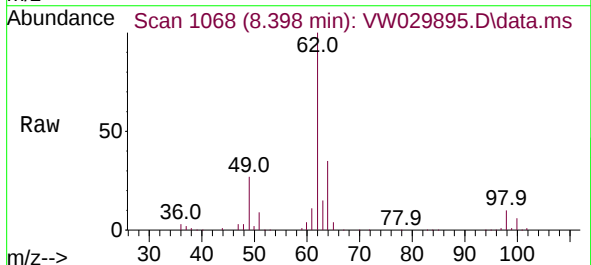
Acq: 13 Aug 2024 11:12

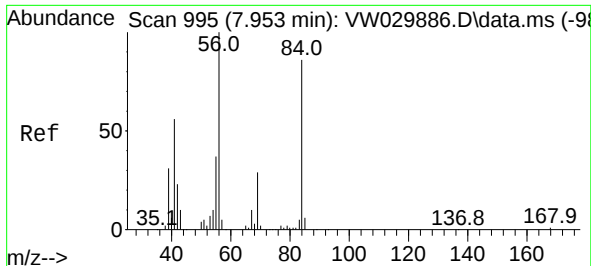
Tgt Ion: 62 Resp: 117772

Ion Ratio Lower Upper

62 100

98 9.6 6.6 10.0





#29

Cyclohexane

Concen: 20.231 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

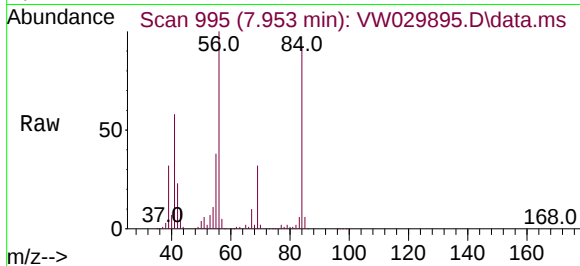
Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

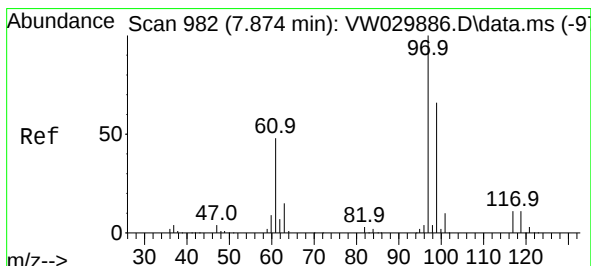
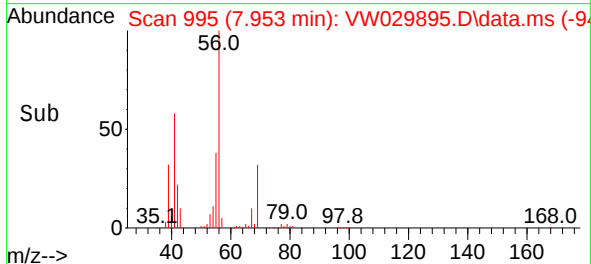
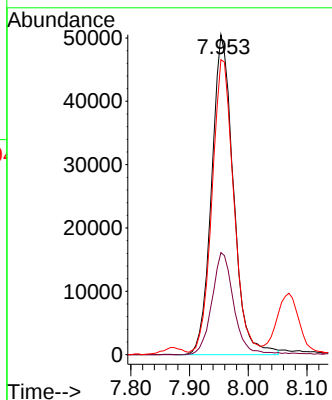
ClientSampleId :



Tgt Ion: 56 Resp: 130175

Ion Ratio Lower Upper

56	100		
69	31.4	23.0	34.4
84	92.0	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 25.628 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

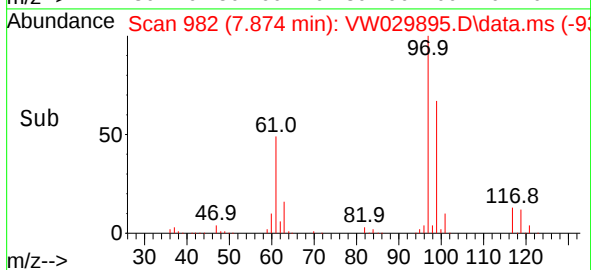
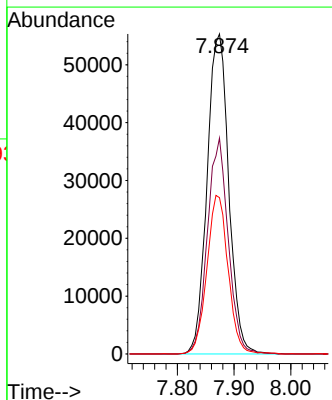
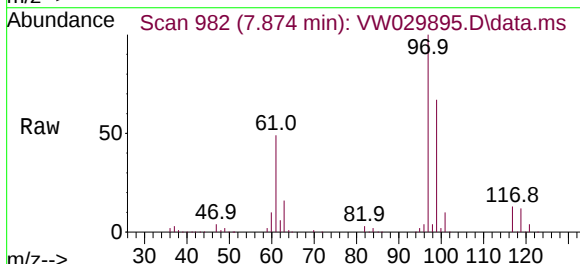
Lab File: VW029895.D

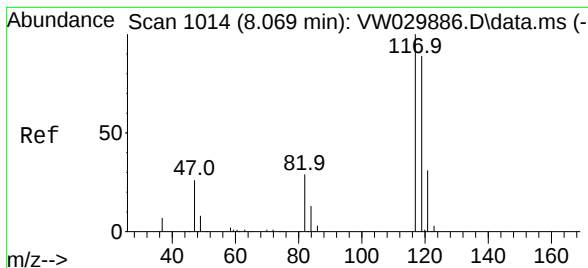
Acq: 13 Aug 2024 11:12

Tgt Ion: 97 Resp: 146945

Ion Ratio Lower Upper

97	100		
99	64.7	52.1	78.1
61	48.5	42.6	63.8





#31

Carbon tetrachloride

Concen: 25.208 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

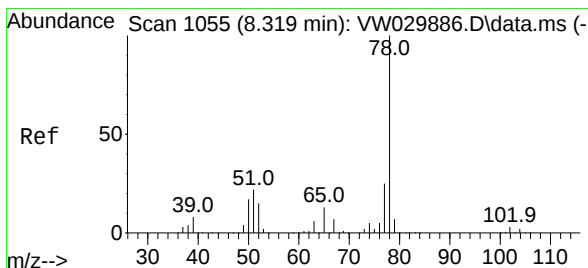
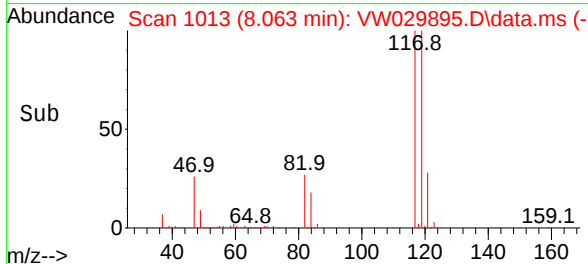
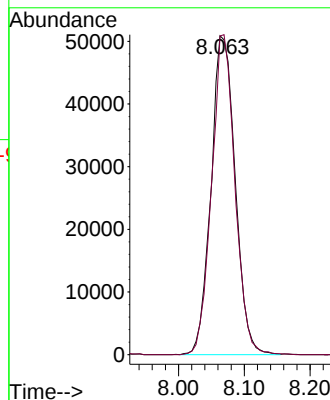
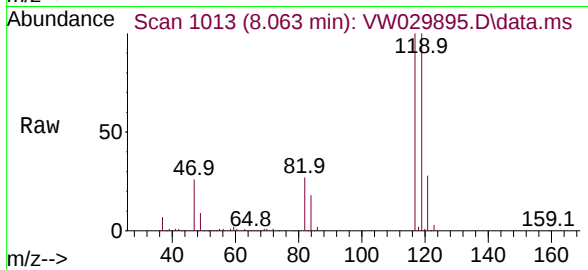
ClientSampleId :

Tgt Ion:117 Resp: 130239

Ion Ratio Lower Upper

117 100

119 96.7 74.8 112.2



#33

Benzene

Concen: 24.100 ug/L

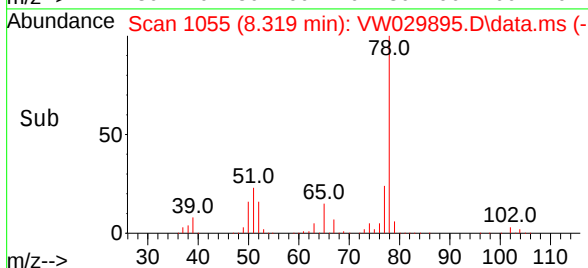
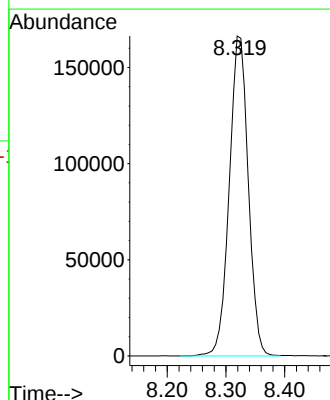
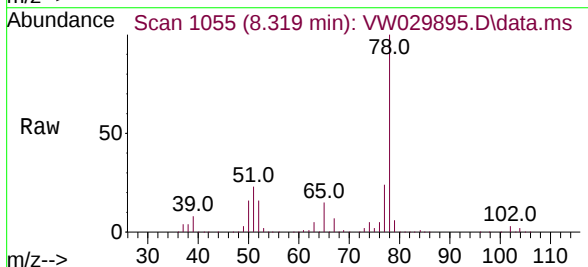
RT: 8.319 min Scan# 1055

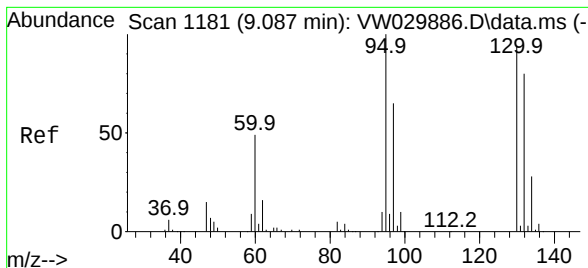
Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Tgt Ion: 78 Resp: 373886





#34

Trichloroethene

Concen: 24.871 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 101149

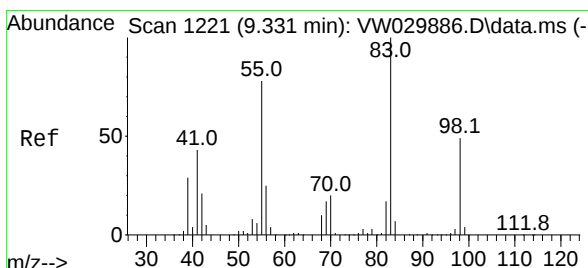
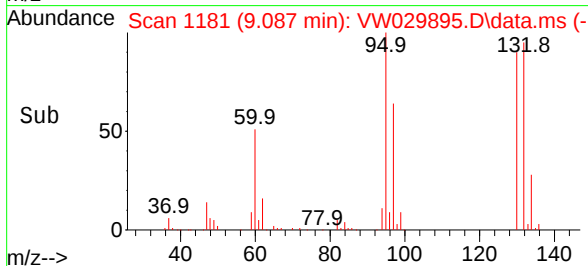
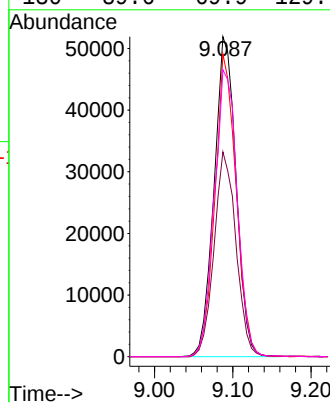
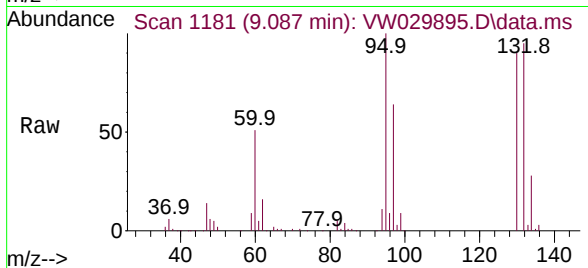
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.8

132 94.5 65.2 121.0

130 89.6 69.9 129.7



#35

Methylcyclohexane

Concen: 23.508 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

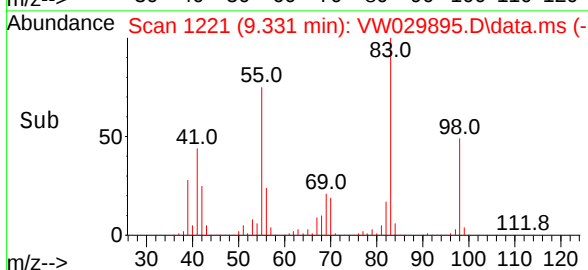
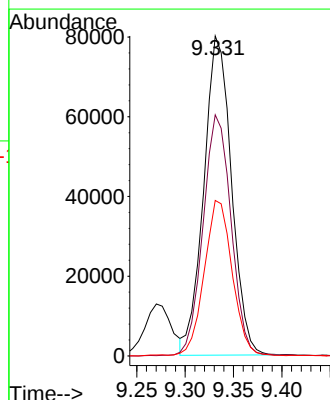
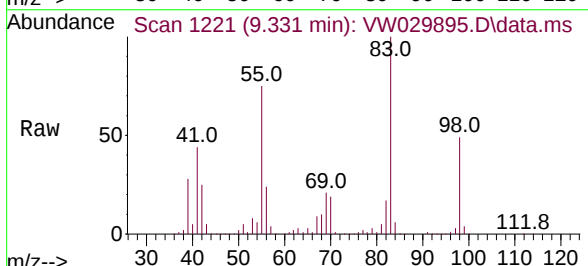
Tgt Ion: 83 Resp: 159307

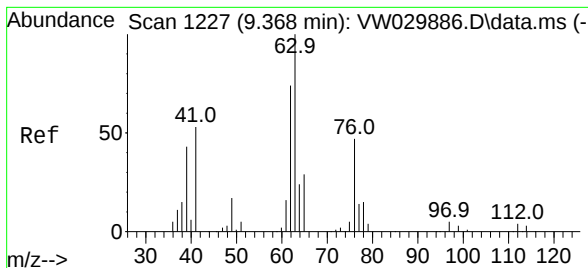
Ion Ratio Lower Upper

83 100

55 76.3 67.4 101.2

98 49.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 22.098 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

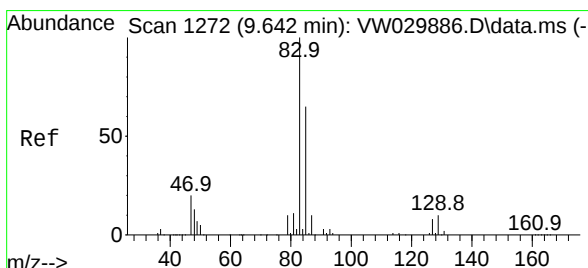
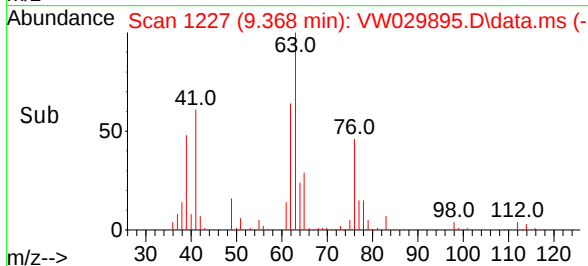
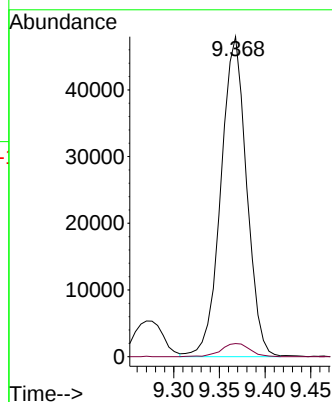
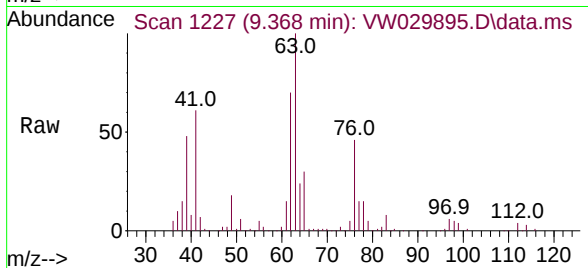
ClientSampleId :

Tgt Ion: 63 Resp: 93950

Ion Ratio Lower Upper

63 100

112 4.5 3.3 4.9



#38

Bromodichloromethane

Concen: 25.382 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

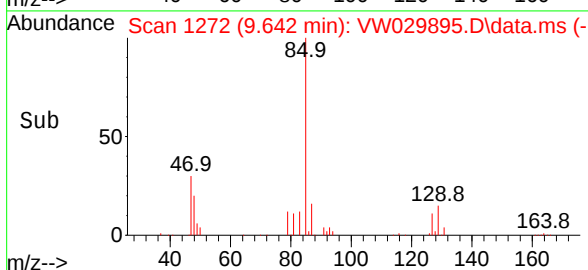
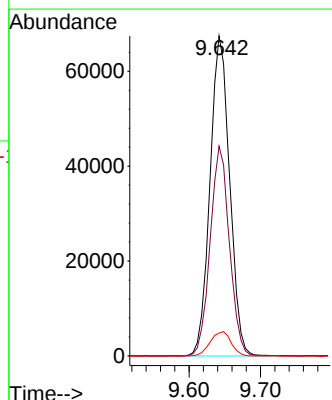
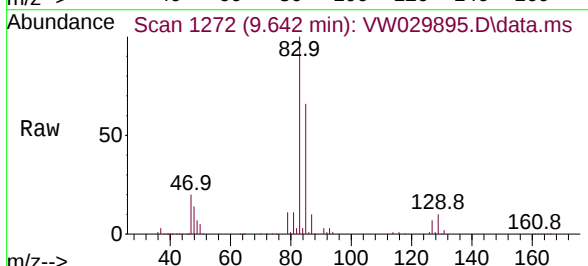
Tgt Ion: 83 Resp: 128503

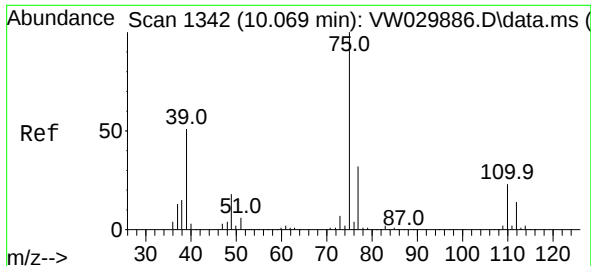
Ion Ratio Lower Upper

83 100

85 65.6 46.6 86.6

127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.163 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

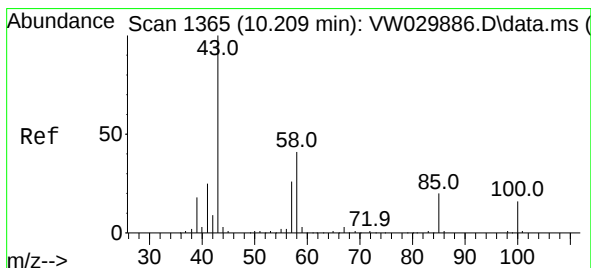
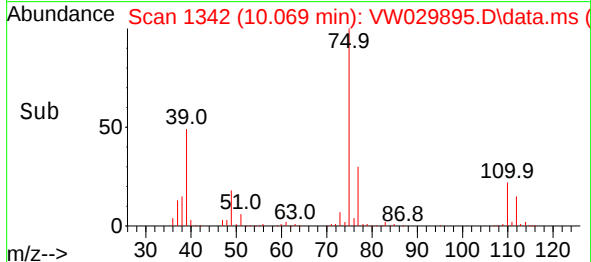
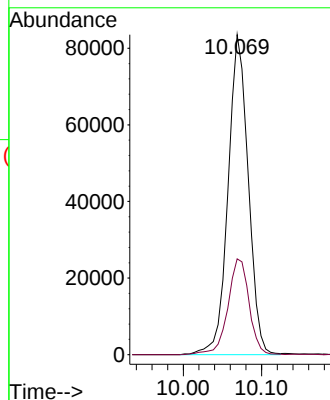
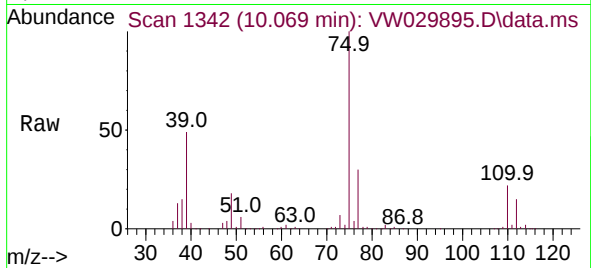
ClientSampleId :

Tgt Ion: 75 Resp: 149608

Ion Ratio Lower Upper

75 100

77 30.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 36.483 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

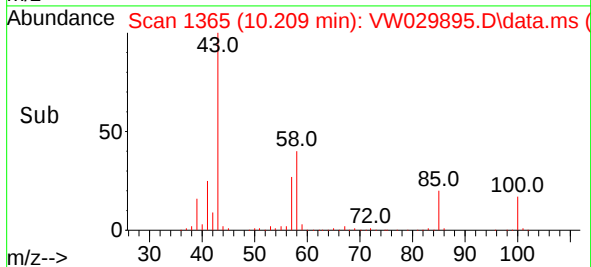
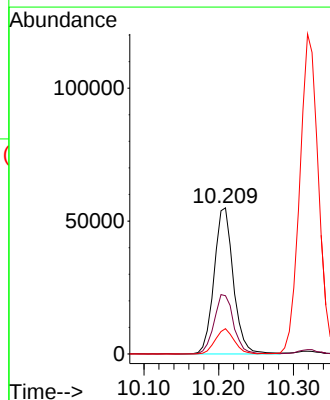
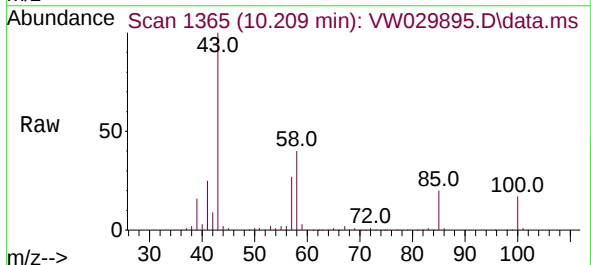
Tgt Ion: 43 Resp: 98519

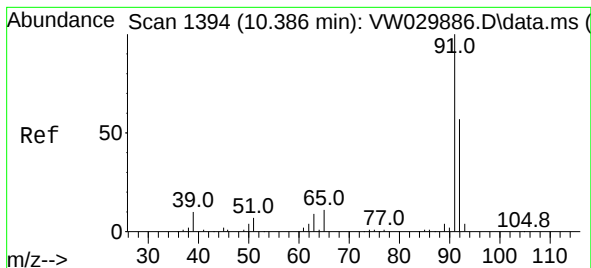
Ion Ratio Lower Upper

43 100

58 41.1 28.7 43.1

100 16.9 10.0 15.0#





#42

Toluene

Concen: 25.767 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

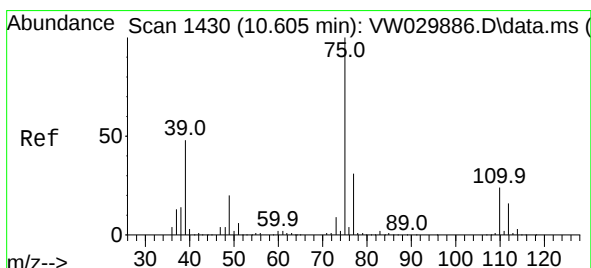
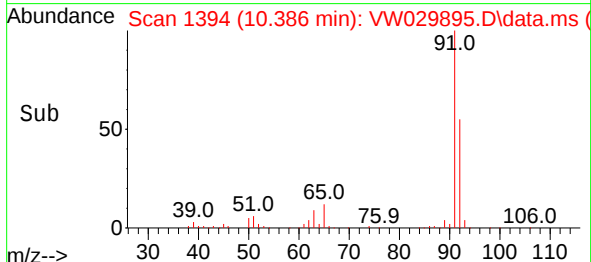
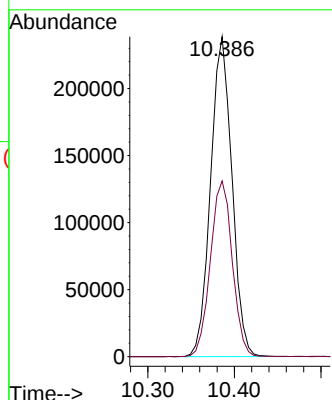
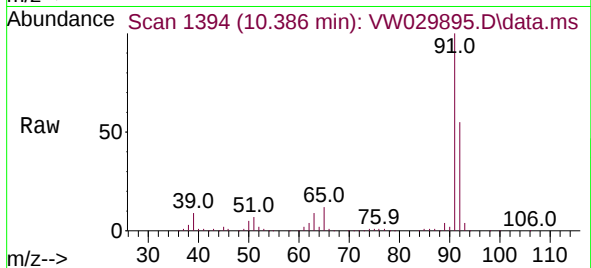
ClientSampleId :

Tgt Ion: 91 Resp: 408044

Ion Ratio Lower Upper

91 100

92 54.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 24.007 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029895.D

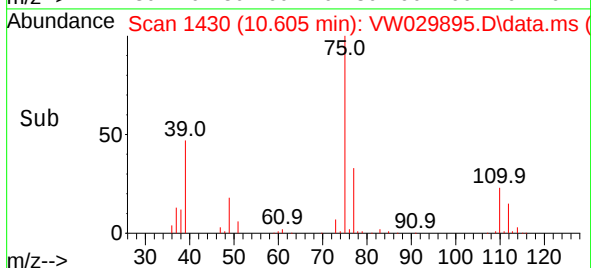
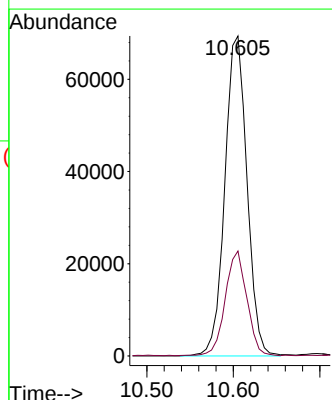
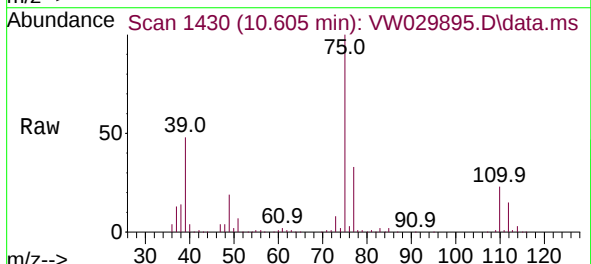
Acq: 13 Aug 2024 11:12

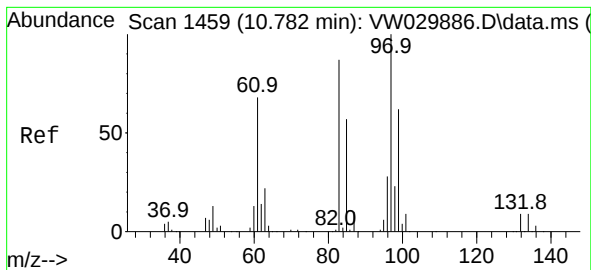
Tgt Ion: 75 Resp: 123392

Ion Ratio Lower Upper

75 100

77 32.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.682 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

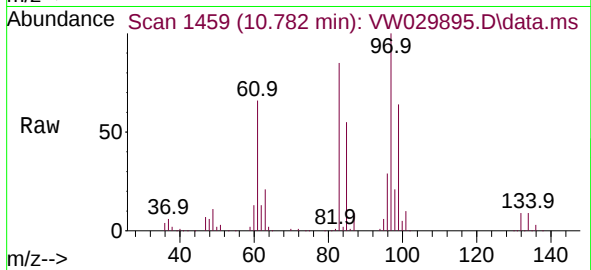
Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 70495

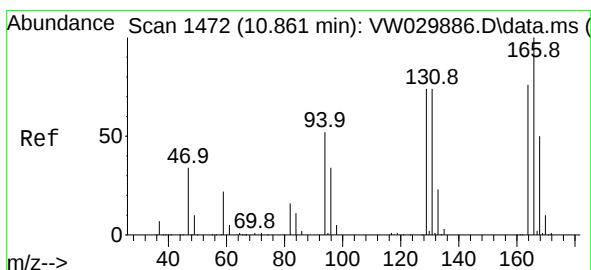
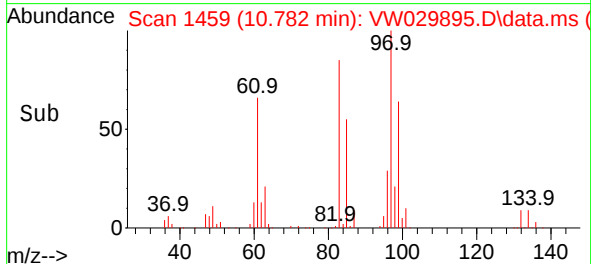
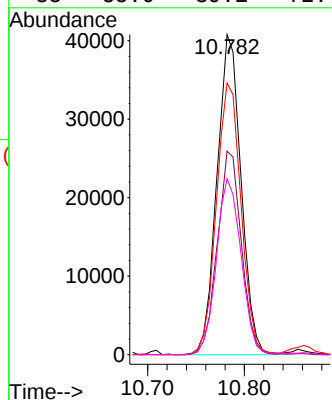
Ion Ratio Lower Upper

97 100

99 63.6 40.1 74.5

83 84.9 58.5 108.7

85 55.0 39.1 72.7



#46

Tetrachloroethene

Concen: 24.705 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Tgt Ion:164 Resp: 73027

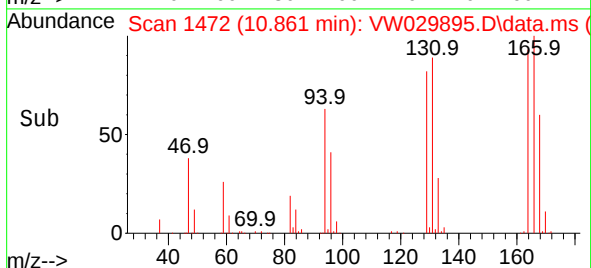
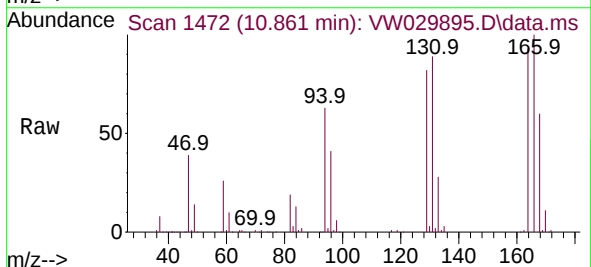
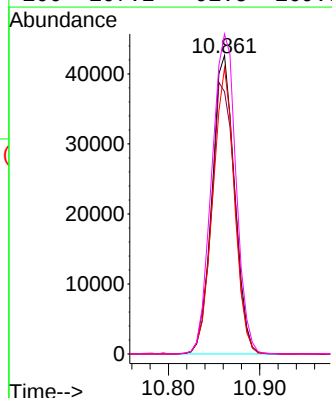
Ion Ratio Lower Upper

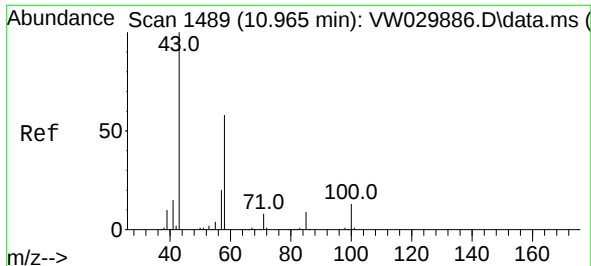
164 100

129 87.8 77.8 144.6

131 95.8 70.9 131.7

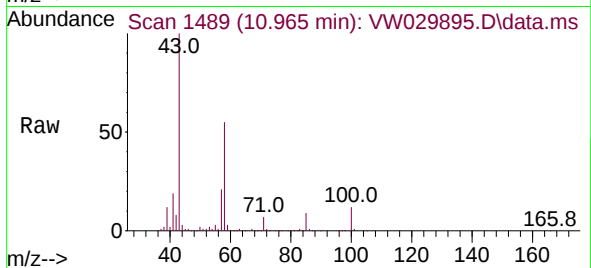
166 107.2 91.5 169.9



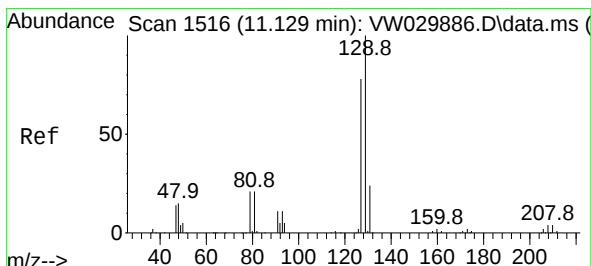
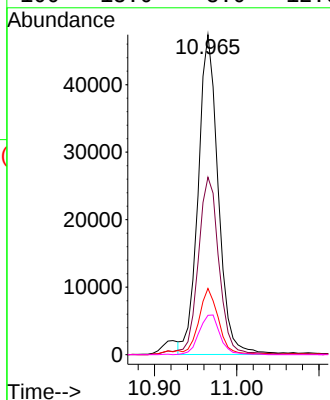
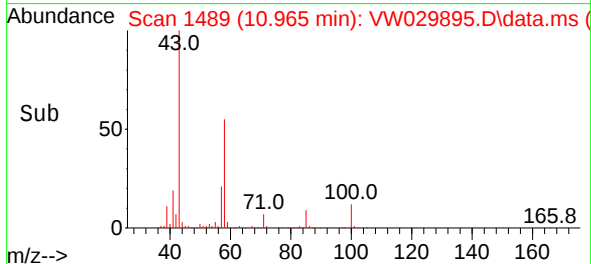


#48
2-Hexanone
Concen: 39.654 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Instrument :
MSVOA_W
ClientSampleId :

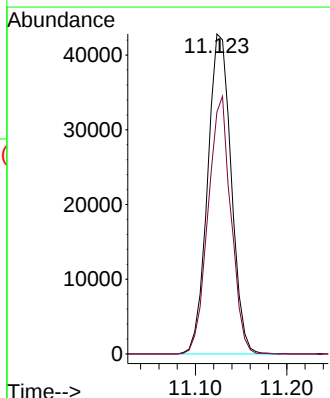
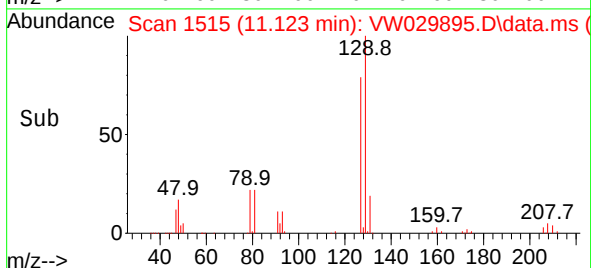
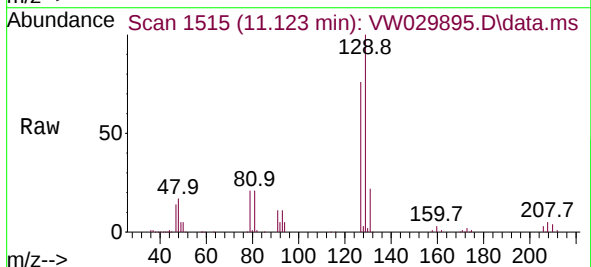


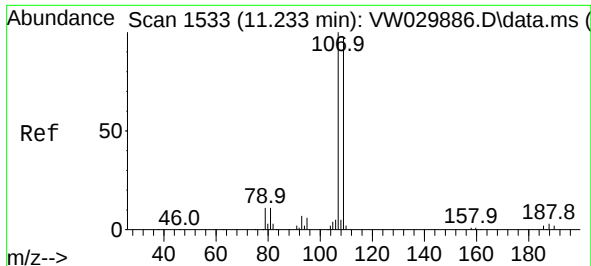
Tgt Ion: 43 Resp: 80201
Ion Ratio Lower Upper
43 100
58 58.3 41.0 61.4
57 20.2 14.1 21.1
100 13.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.946 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 129 Resp: 76929
Ion Ratio Lower Upper
129 100
127 75.6 52.4 97.2





#50

1,2-Dibromoethane

Concen: 24.603 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

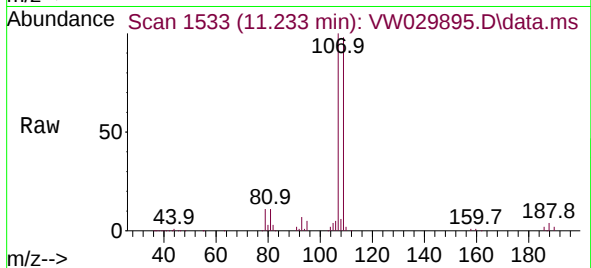
Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :



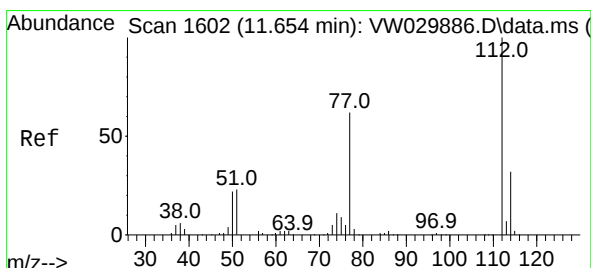
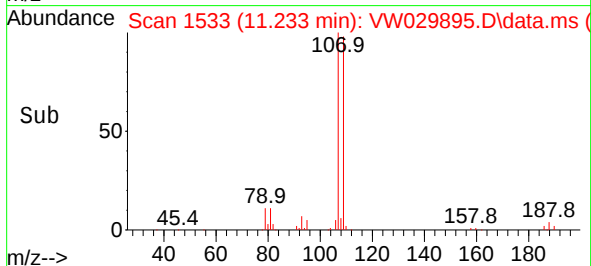
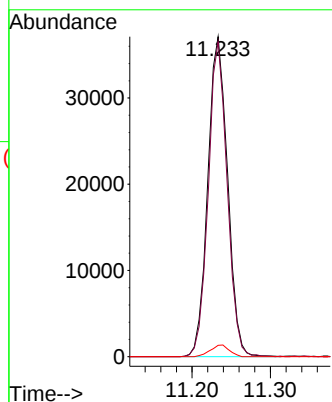
Tgt Ion:107 Resp: 65018

Ion Ratio Lower Upper

107 100

109 98.4 64.8 120.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 25.271 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

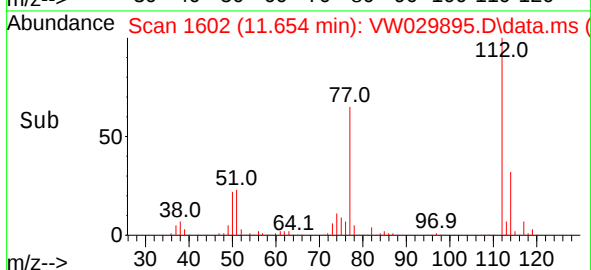
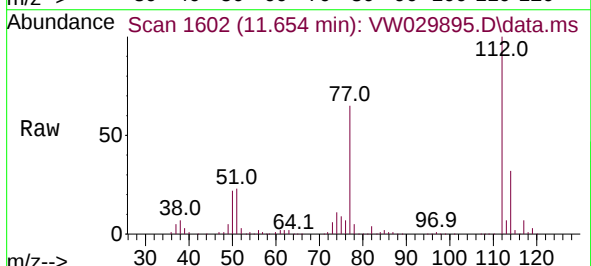
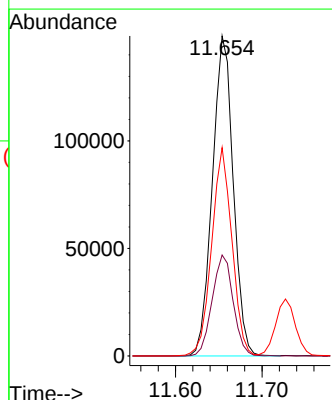
Tgt Ion:112 Resp: 248924

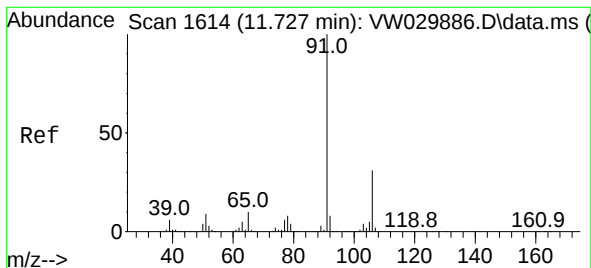
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 65.1 53.8 80.8

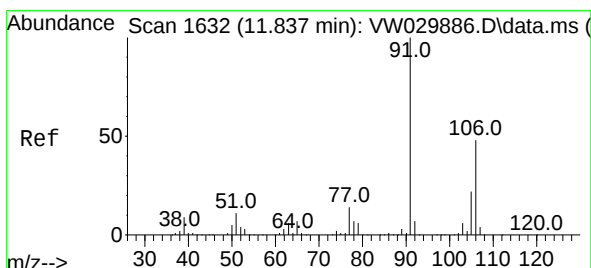
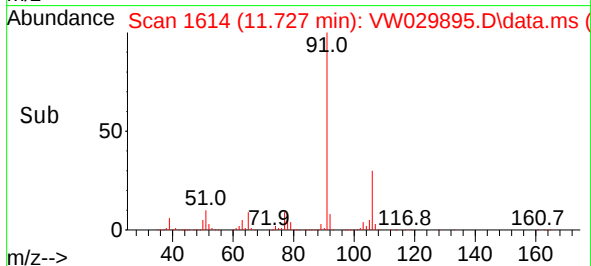
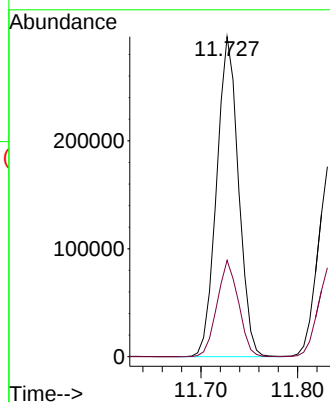
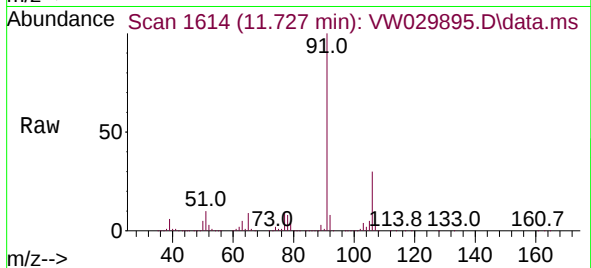




#52
Ethylbenzene
Concen: 26.036 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

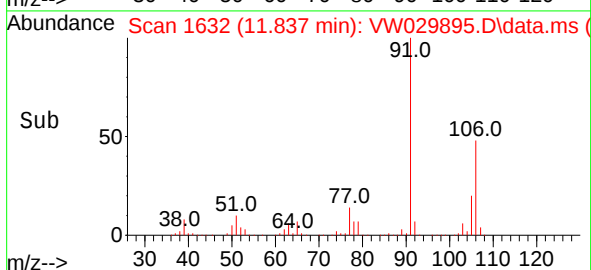
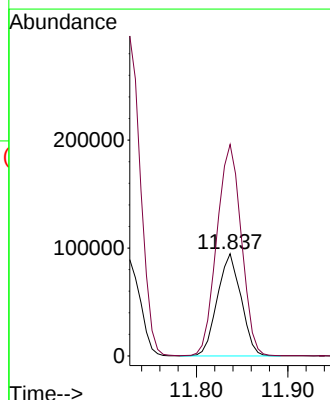
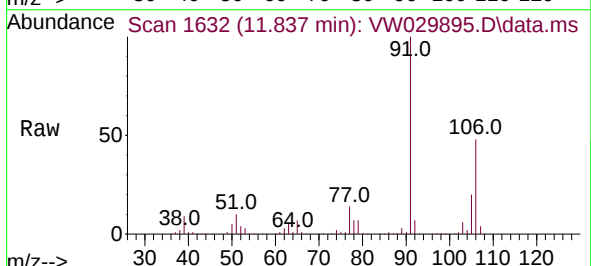
Instrument :
MSVOA_W
ClientSampleId :

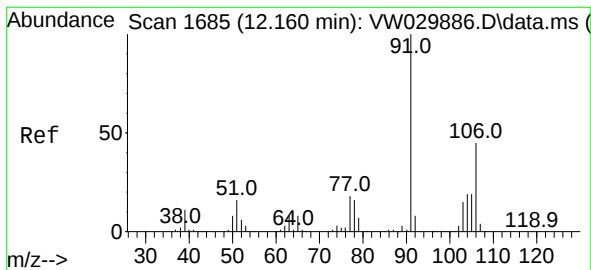
Tgt Ion: 91 Resp: 465077
Ion Ratio Lower Upper
91 100
106 30.1 20.4 38.0



#53
m,p-Xylene
Concen: 26.067 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion:106 Resp: 171246
Ion Ratio Lower Upper
106 100
91 206.8 151.4 281.2

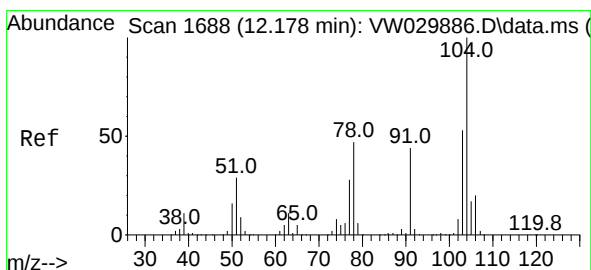
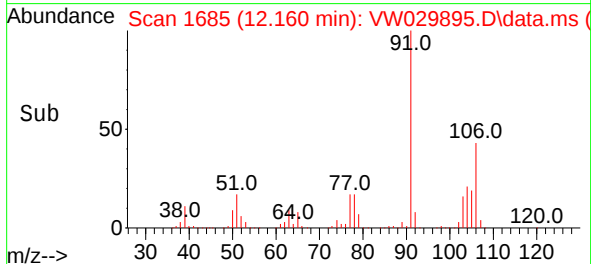
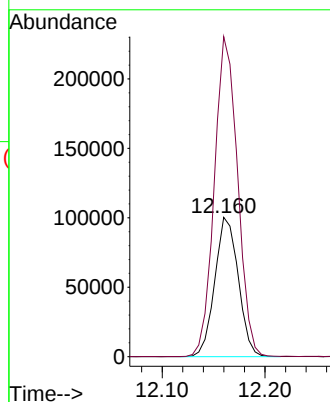
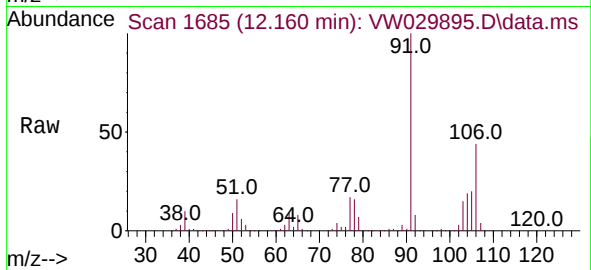




#54
o-Xylene
Concen: 26.331 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

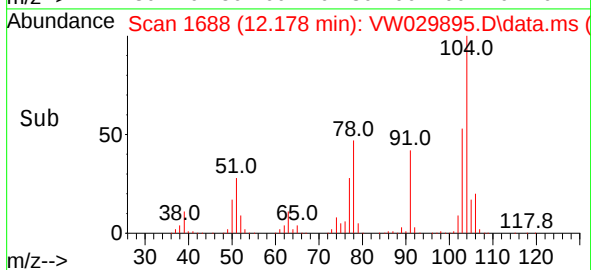
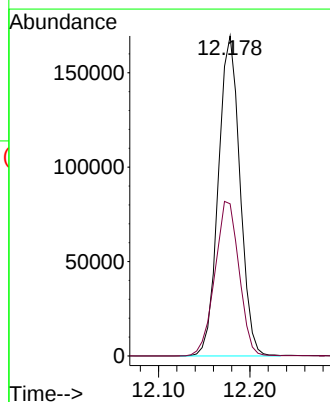
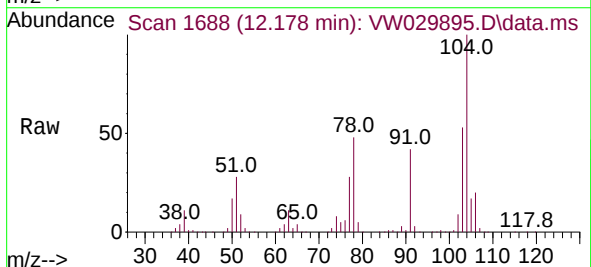
Instrument :
MSVOA_W
ClientSampleId :

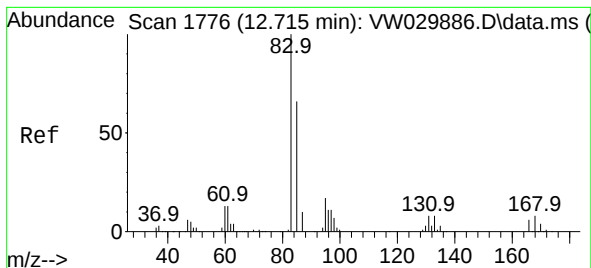
Tgt Ion:106 Resp: 159293
Ion Ratio Lower Upper
106 100
91 229.6 155.8 289.4



#55
Styrene
Concen: 26.610 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion:104 Resp: 279045
Ion Ratio Lower Upper
104 100
78 47.5 33.3 61.9

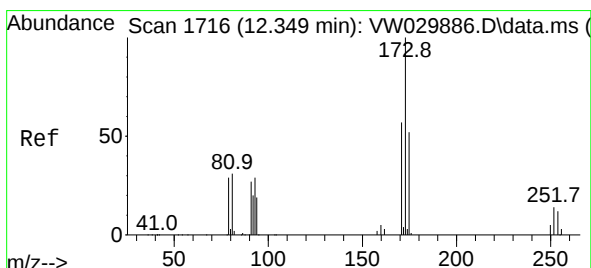
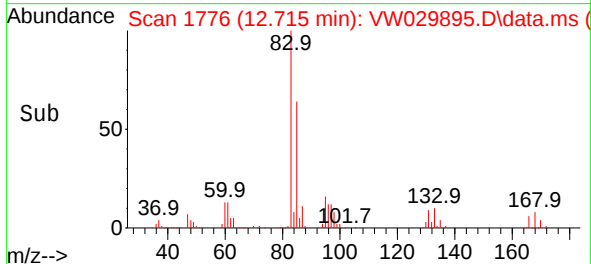
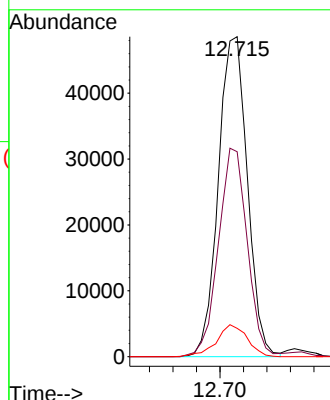
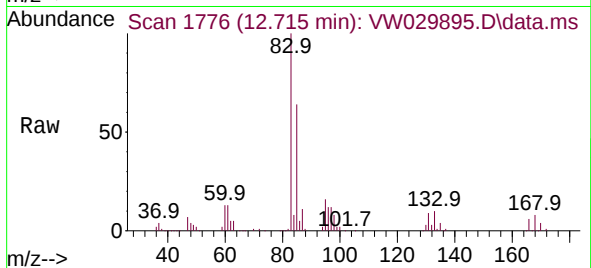




#57
1,1,2,2-Tetrachloroethane
Concen: 23.783 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

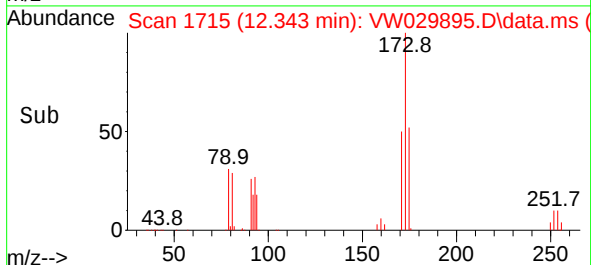
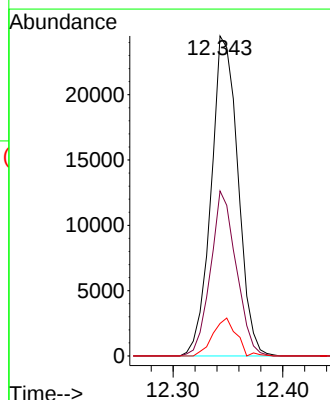
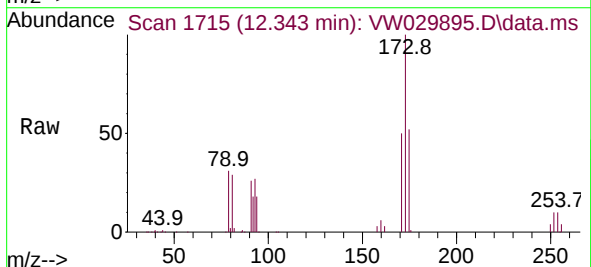
Instrument :
MSVOA_W
ClientSampleId :

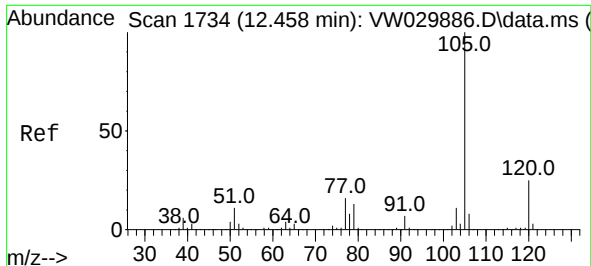
Tgt Ion: 83 Resp: 83373
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.0
131 8.9 6.2 9.2



#59
Bromoform
Concen: 24.550 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion:173 Resp: 41737
Ion Ratio Lower Upper
173 100
175 49.1 38.1 57.1
254 10.1 7.8 11.6





#60

Isopropylbenzene

Concen: 26.294 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :

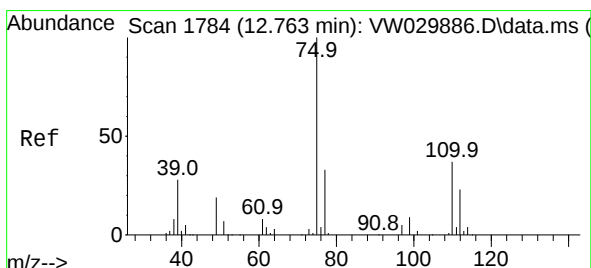
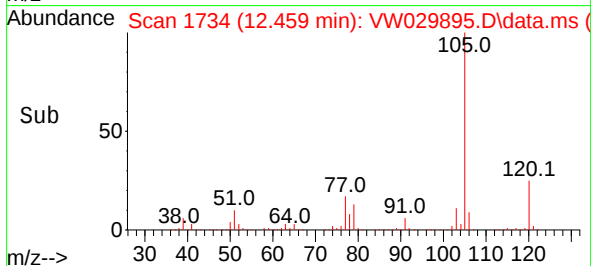
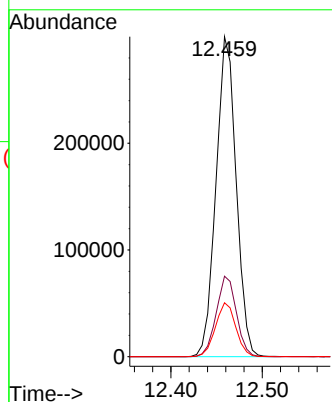
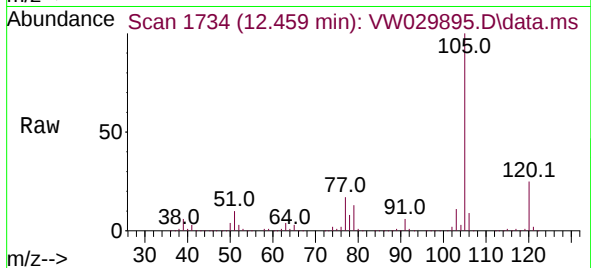
Tgt Ion:105 Resp: 459696

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

77 17.0 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 21.922 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

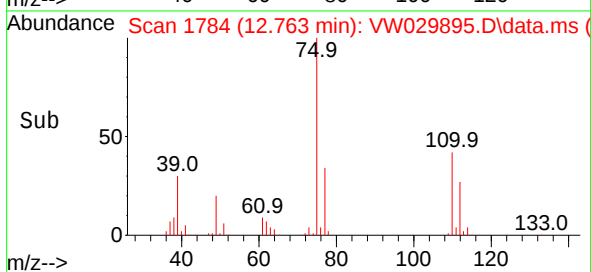
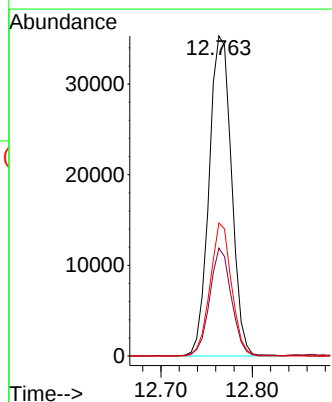
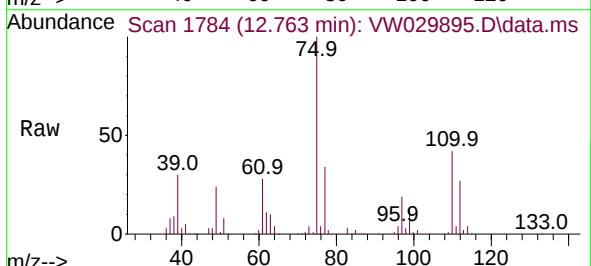
Tgt Ion: 75 Resp: 60240

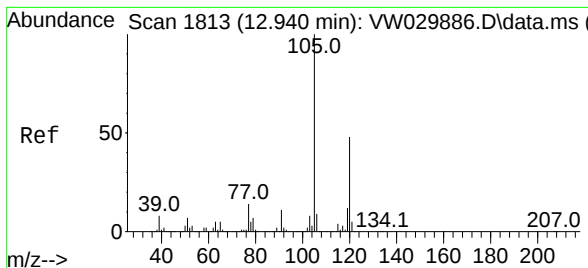
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

110 39.5 28.6 43.0

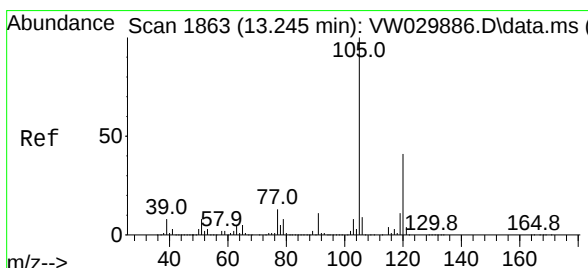
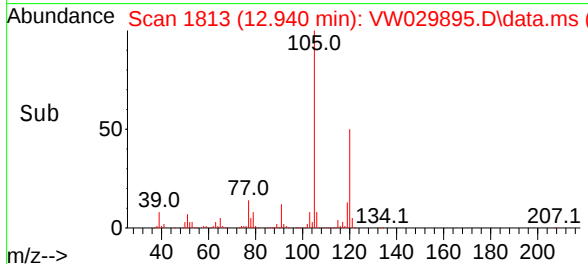
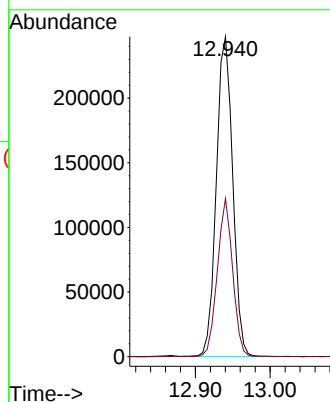
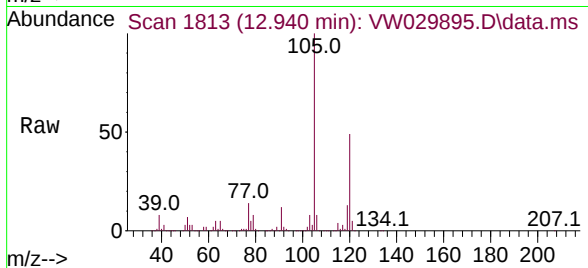




#62
1,3,5-Trimethylbenzene
Concen: 28.994 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

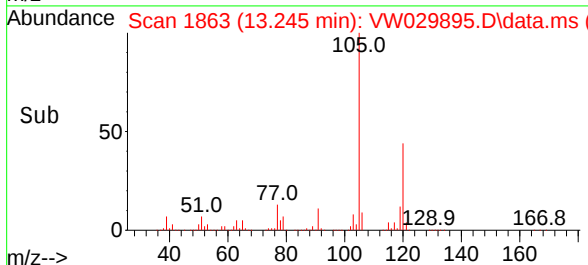
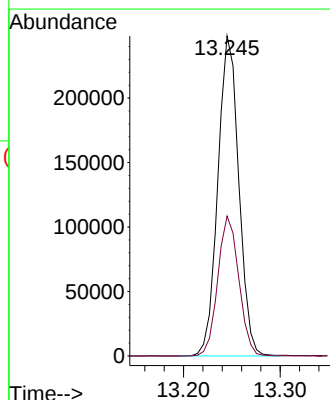
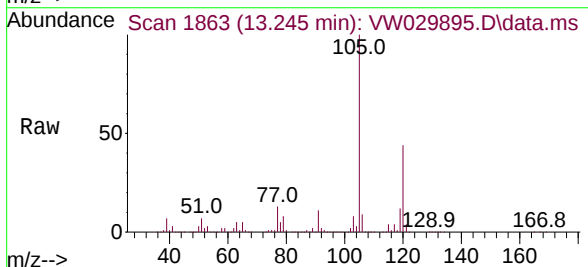
Instrument :
MSVOA_W
ClientSampleId :

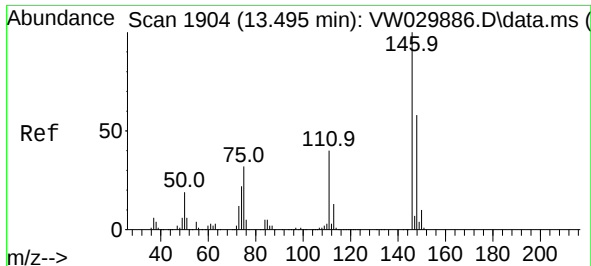
Tgt Ion:105 Resp: 376784
Ion Ratio Lower Upper
105 100
120 46.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.824 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion:105 Resp: 372796
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.0

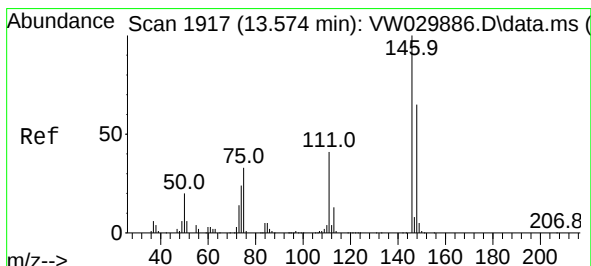
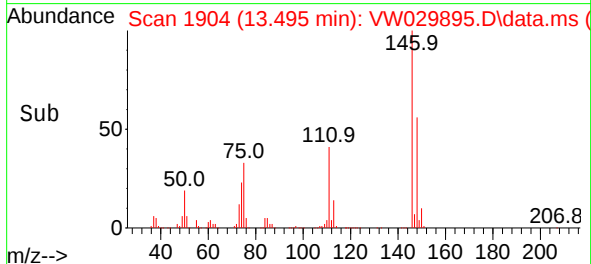
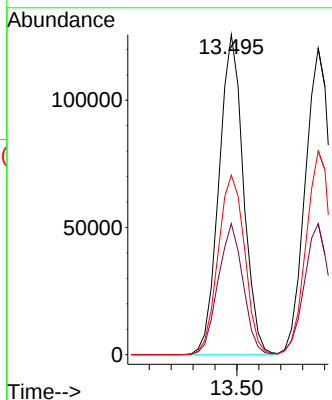
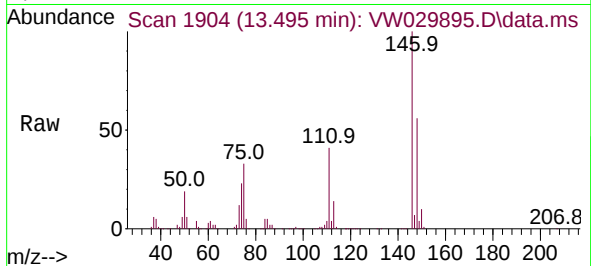




#64
1,3-Dichlorobenzene
Concen: 26.209 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

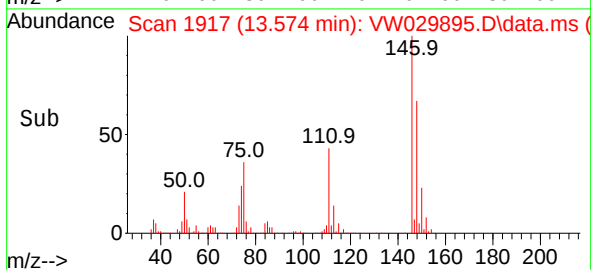
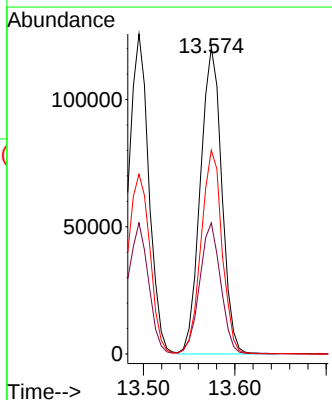
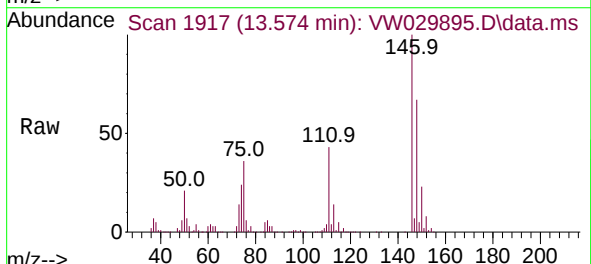
Instrument :
MSVOA_W
ClientSampleId :

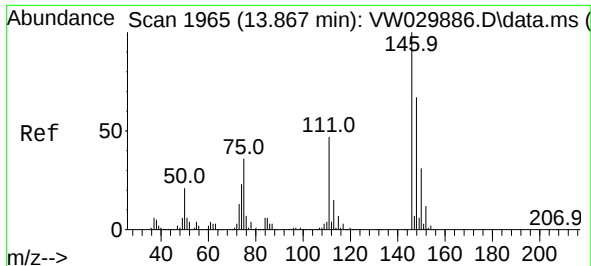
Tgt Ion:146 Resp: 195497
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 56.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 25.572 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion:146 Resp: 195938
Ion Ratio Lower Upper
146 100
111 42.8 30.1 55.9
148 66.5 45.4 84.4

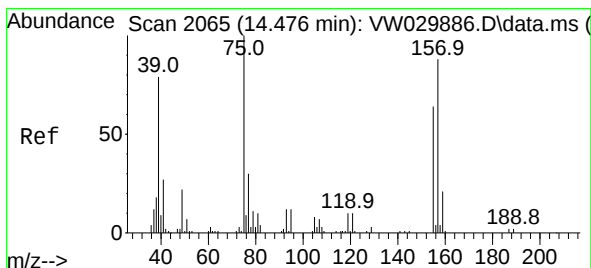
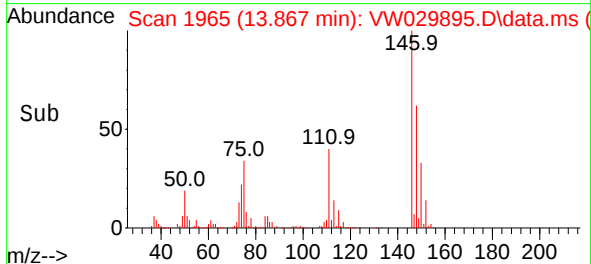
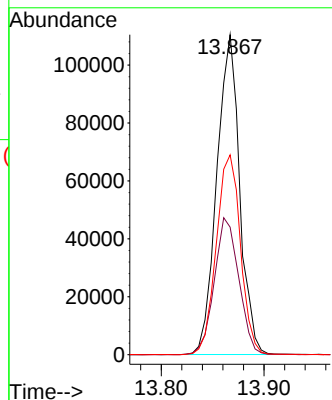
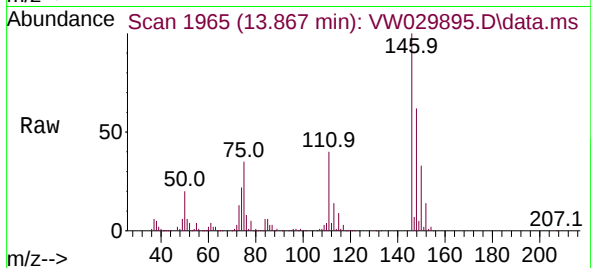




#67
1,2-Dichlorobenzene
Concen: 25.091 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

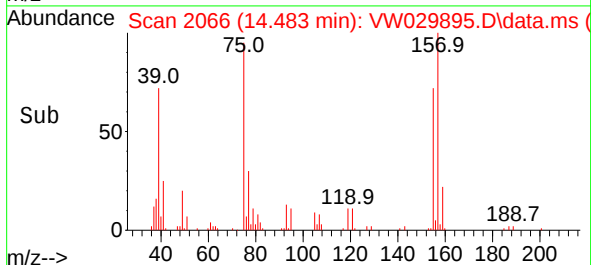
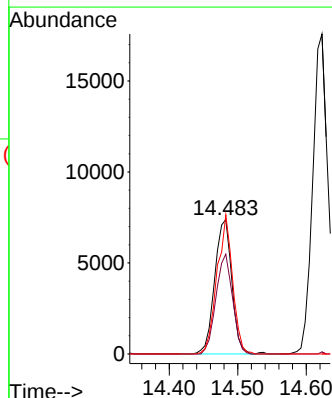
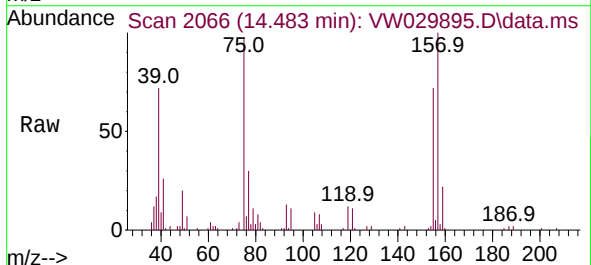
Instrument :
MSVOA_W
ClientSampleId :

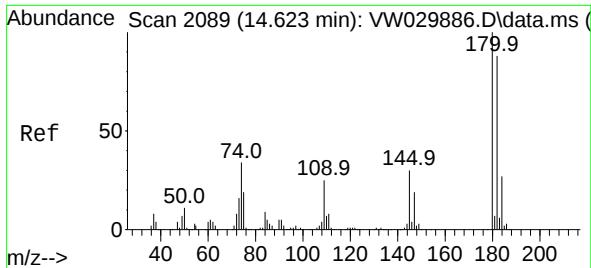
Tgt Ion:146 Resp: 170397
Ion Ratio Lower Upper
146 100
111 39.8 35.8 53.8
148 62.4 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 20.509 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029895.D
Acq: 13 Aug 2024 11:12

Tgt Ion: 75 Resp: 12796
Ion Ratio Lower Upper
75 100
155 74.4 47.8 71.6#
157 103.5 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 25.266 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

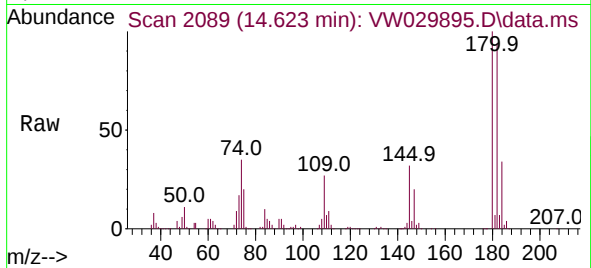
Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128945

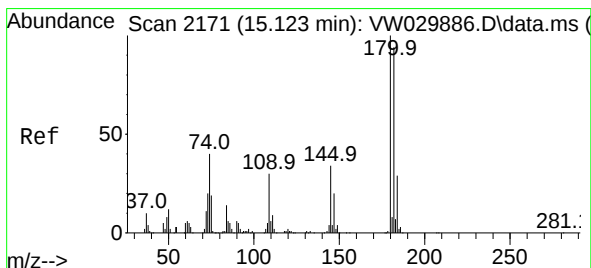
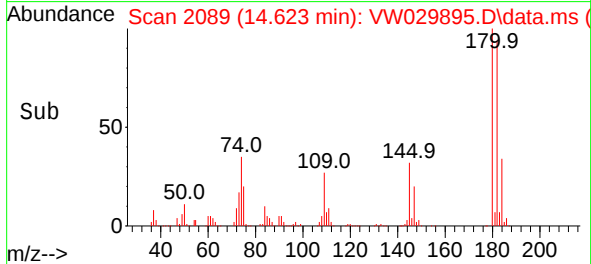
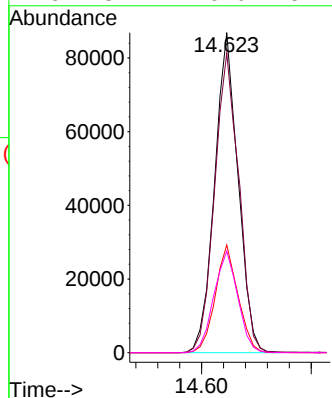
Ion Ratio Lower Upper

180 100

182 96.7 72.7 109.1

184 32.7 23.3 34.9

145 32.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.260 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

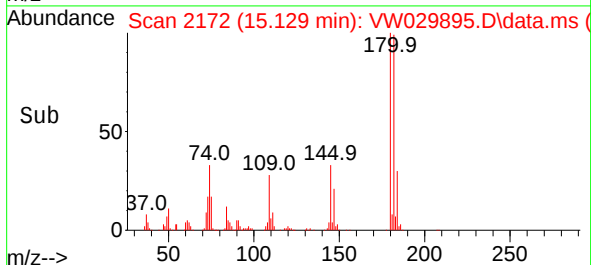
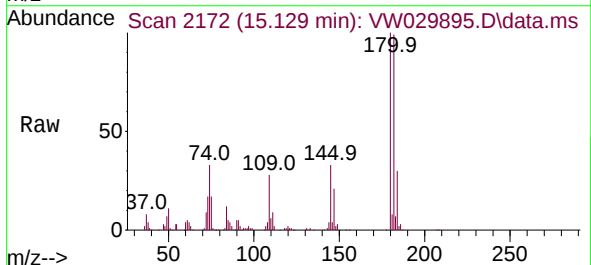
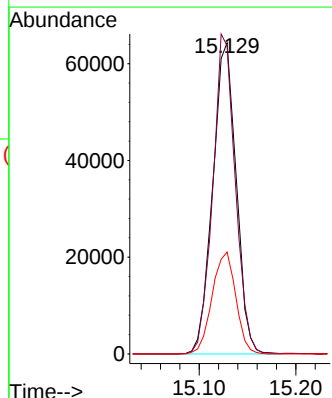
Tgt Ion:180 Resp: 108609

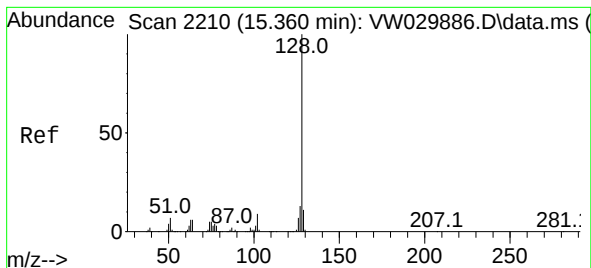
Ion Ratio Lower Upper

180 100

182 98.3 80.2 120.4

145 33.0 26.3 39.5





#71

Naphthalene

Concen: 24.875 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Instrument :

MSVOA_W

ClientSampleId :

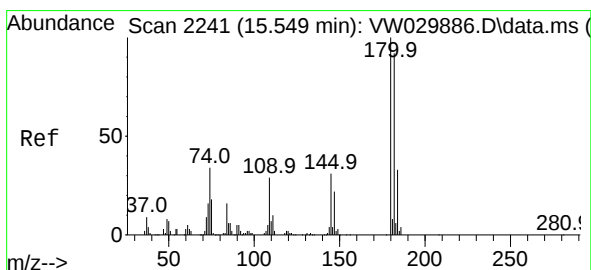
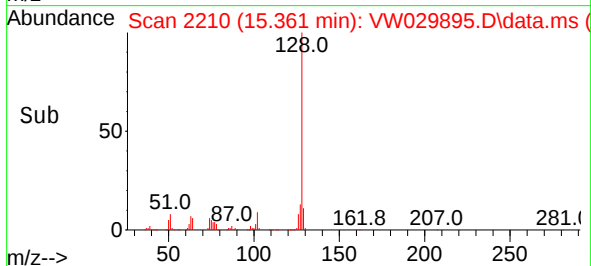
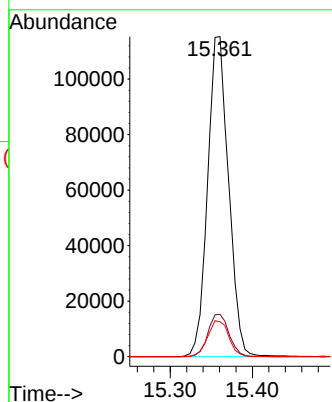
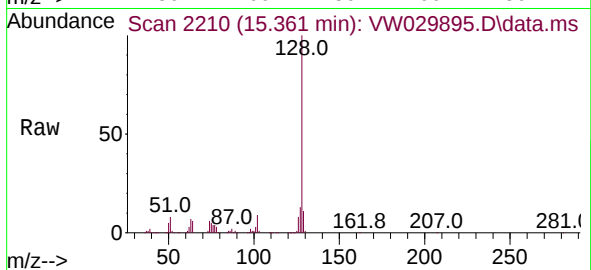
Tgt Ion:128 Resp: 204069

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.4 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.465 ug/L

RT: 15.550 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029895.D

Acq: 13 Aug 2024 11:12

Tgt Ion:180 Resp: 99098

Ion Ratio Lower Upper

180 100

182 96.7 74.0 111.0

145 34.0 27.5 41.3

