

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029886.D
 Acq On : 12 Aug 2024 12:08
 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 13 01:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 23:13:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	221440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	209784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48814	15.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.120%
7) Chloroethane-d5	2.893	69	48472	21.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.021	65	23887	16.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.600%
21) 2-Butanone-d5	7.081	46	34220	39.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.420%
24) Chloroform-d	7.648	84	149574	26.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.307	65	79601	24.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.520%
32) Benzene-d6	8.276	84	250319	22.084	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	9.270	67	82467	22.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.319	98	234072	23.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	10.575	79	33212	22.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.922	63	27479	46.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73374	27.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	80850	24.834	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71437	23.933	ug/L	91
3) Chloromethane	2.223	50	78899	21.361	ug/L	94
5) Vinyl chloride	2.375	62	104804	25.324	ug/L	95
6) Bromomethane	2.789	94	71167	31.316	ug/L	97
8) Chloroethane	2.936	64	68749	29.201	ug/L	95
9) Trichlorofluoromethane	3.265	101	87670	26.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77660	23.587	ug/L	89
12) 1,1-Dichloroethene	4.039	96	79036	26.126	ug/L	88
13) Acetone	4.143	43	39813	37.180	ug/L	97
14) Carbon disulfide	4.387	76	234293	23.273	ug/L	99
15) Methyl Acetate	4.679	43	33384	18.718	ug/L #	86
16) Methylene chloride	4.917	84	93564	20.211	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	88317	27.091	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	140366	26.125	ug/L	99
19) 1,1-Dichloroethane	6.216	63	171467	24.939	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	99667	28.185	ug/L	93
22) 2-Butanone	7.173	43	49242	35.890	ug/L	88
23) Bromochloromethane	7.514	128	42667	28.422	ug/L #	77
25) Chloroform	7.673	83	183221	28.284	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 23:13:22 2024
 Response via : Initial Calibration

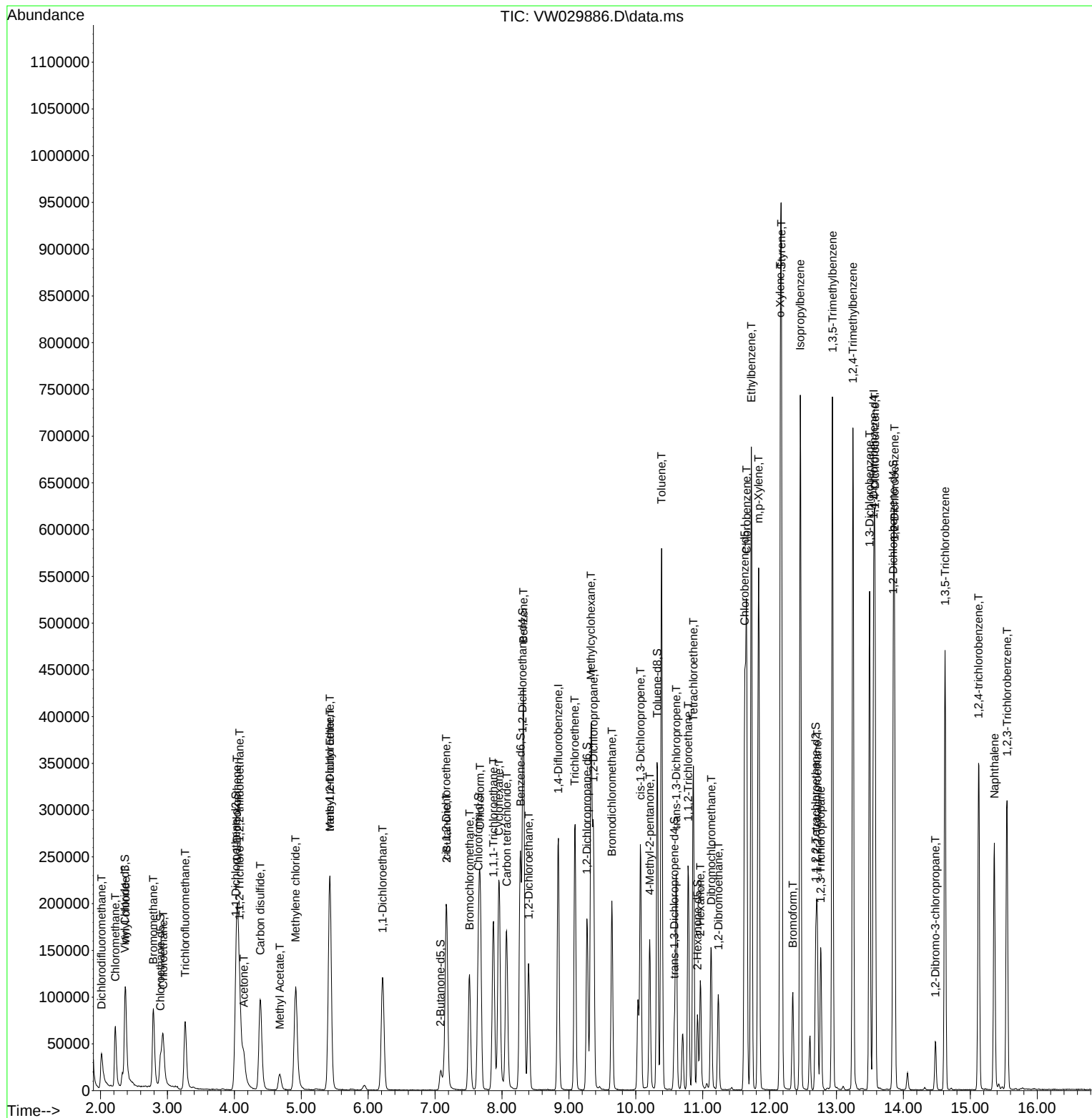
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123523	26.165	ug/L	98
29) Cyclohexane	7.953	56	128213	21.506	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	146979	27.667	ug/L	95
31) Carbon tetrachloride	8.069	117	130010	27.159	ug/L	100
33) Benzene	8.319	78	376202	26.173	ug/L	100
34) Trichloroethene	9.087	95	99203	26.327	ug/L	93
35) Methylcyclohexane	9.331	83	154378	24.587	ug/L	94
37) 1,2-Dichloropropane	9.368	63	96948	24.612	ug/L	99
38) Bromodichloromethane	9.642	83	130314	27.782	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146184	25.483	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	99978	39.960	ug/L #	92
42) Toluene	10.386	91	411128	28.022	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	122647	25.754	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	73792	27.886	ug/L	96
46) Tetrachloroethene	10.861	164	74734	27.288	ug/L	94
48) 2-Hexanone	10.965	43	70900	37.836	ug/L #	94
49) Dibromochloromethane	11.129	129	77399	28.175	ug/L	96
50) 1,2-Dibromoethane	11.233	107	65932	26.928	ug/L	96
51) Chlorobenzene	11.654	112	250332	27.430	ug/L	96
52) Ethylbenzene	11.727	91	466585	28.192	ug/L	97
53) m,p-Xylene	11.837	106	172391	28.323	ug/L	96
54) o-Xylene	12.160	106	162461	28.985	ug/L	99
55) Styrene	12.178	104	284654	29.298	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	86894	26.754	ug/L	96
59) Bromoform	12.349	173	42217	26.760	ug/L #	94
60) Isopropylbenzene	12.458	105	456775	28.154	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61393	24.075	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	382788	31.742	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	373498	28.960	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	202201	29.211	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	195545	27.501	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	178470	28.319	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13208	22.812	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	135079	28.521	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	103230	25.872	ug/L	99
71) Naphthalene	15.360	128	209592	27.530	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	95736	26.510	ug/L	98

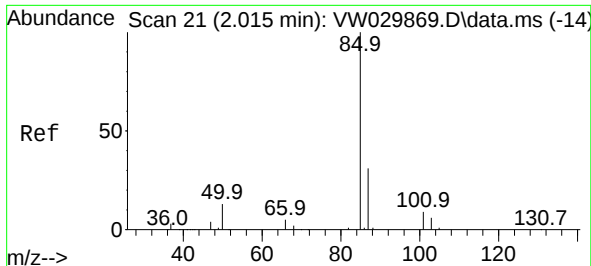
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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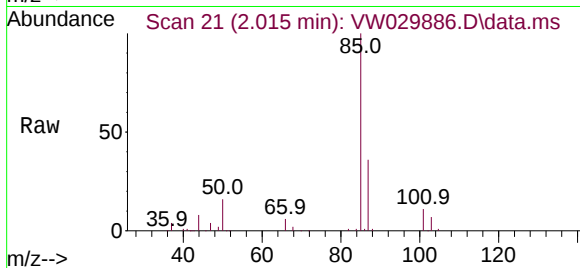
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 09 23:13:22 2024
Response via : Initial Calibration



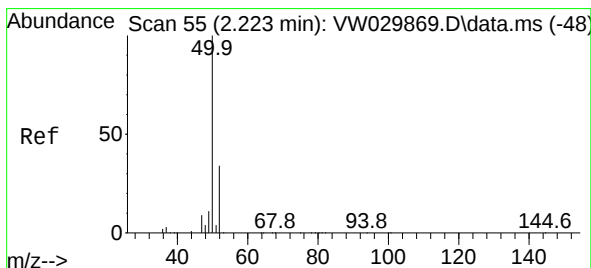
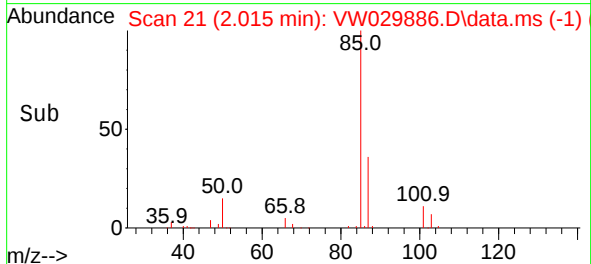
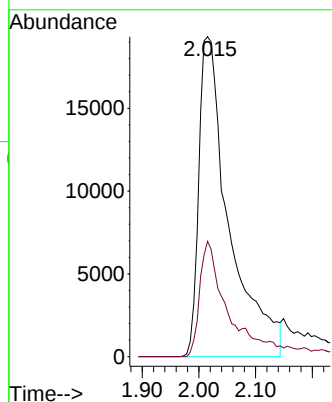


#2
 Dichlorodifluoromethane
 Concen: 23.933 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029886.D
 Acq: 12 Aug 2024 12:08

Instrument :
 MSVOA_W
 ClientSampleId :

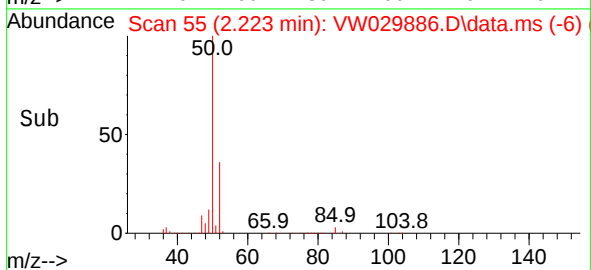
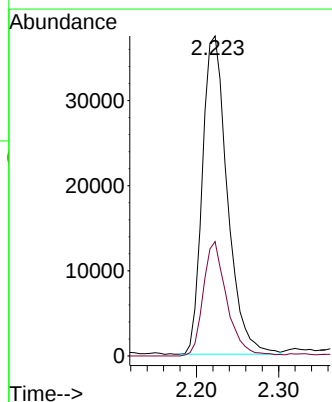
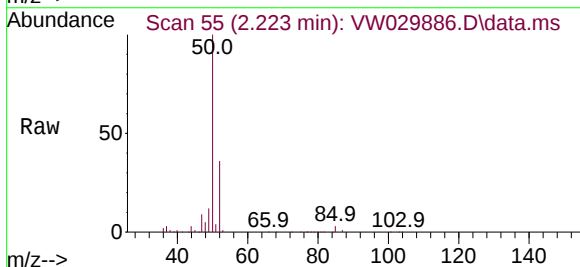


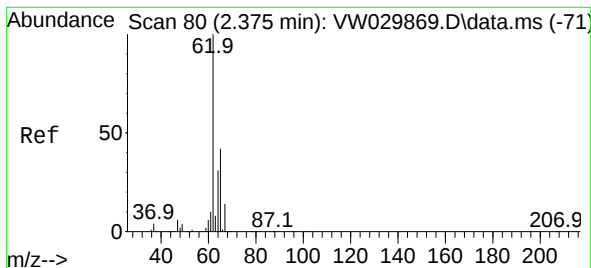
Tgt Ion: 85 Resp: 71437
 Ion Ratio Lower Upper
 85 100
 87 26.7 25.5 38.3



#3
 Chloromethane
 Concen: 21.361 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029886.D
 Acq: 12 Aug 2024 12:08

Tgt Ion: 50 Resp: 78899
 Ion Ratio Lower Upper
 50 100
 52 35.7 22.5 41.9





#5

Vinyl chloride

Concen: 25.324 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

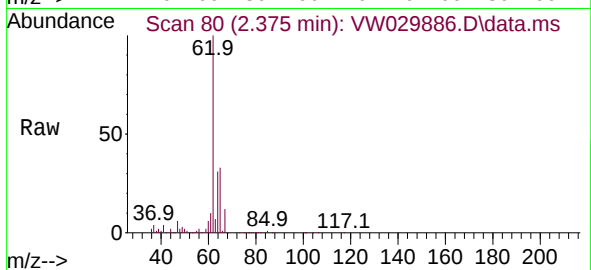
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Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

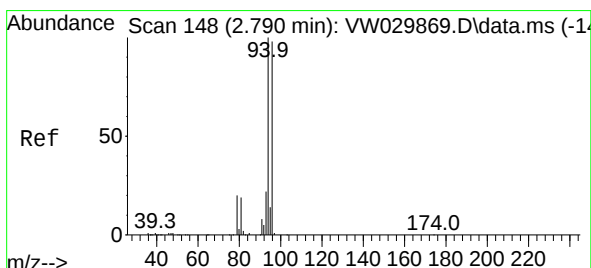
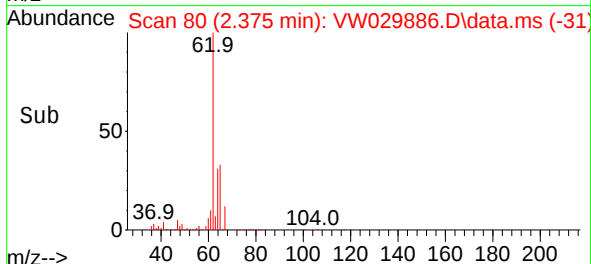
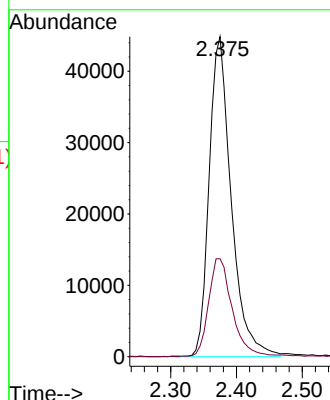


Tgt Ion: 62 Resp: 104804

Ion Ratio Lower Upper

62 100

64 30.6 23.2 43.2



#6

Bromomethane

Concen: 31.316 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029886.D

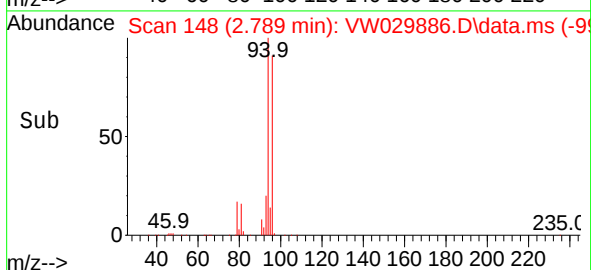
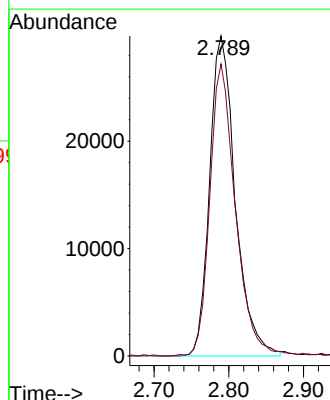
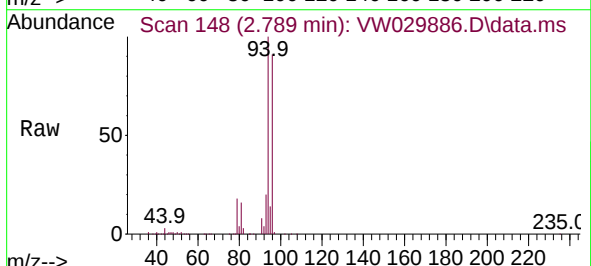
Acq: 12 Aug 2024 12:08

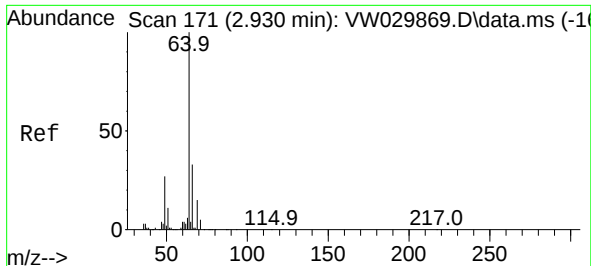
Tgt Ion: 94 Resp: 71167

Ion Ratio Lower Upper

94 100

96 91.2 66.2 123.0

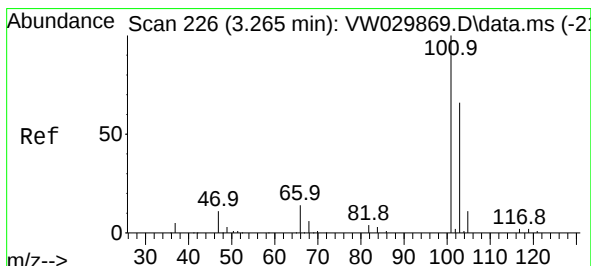
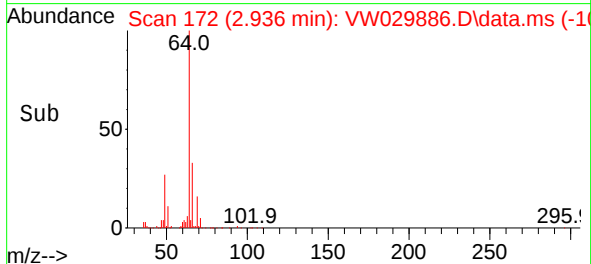
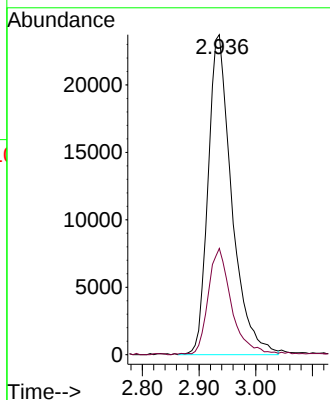
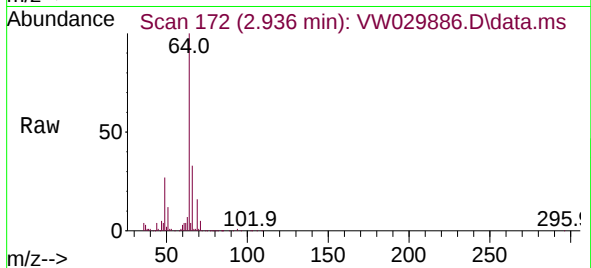




#8
Chloroethane
Concen: 29.201 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

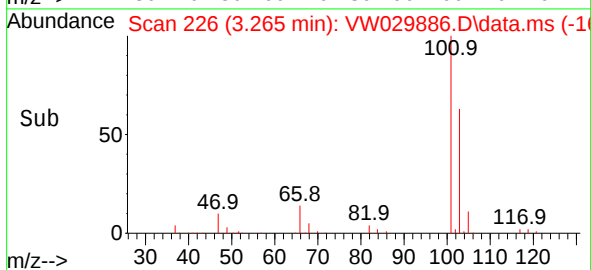
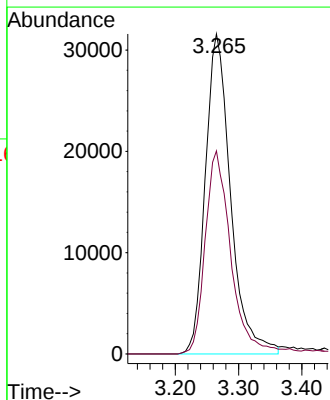
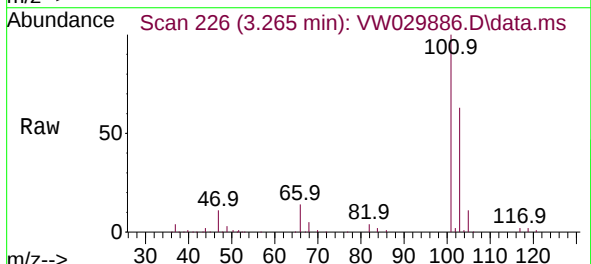
Instrument :
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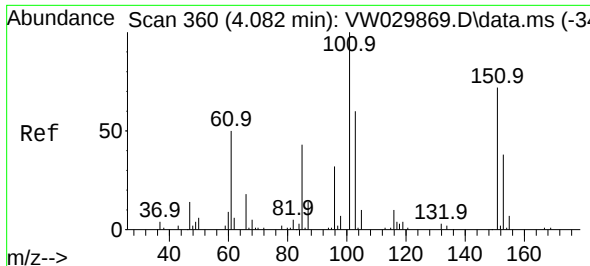
Tgt Ion: 64 Resp: 68749
Ion Ratio Lower Upper
64 100
66 33.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 26.520 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion:101 Resp: 87670
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4





#10

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

Concen: 23.587 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

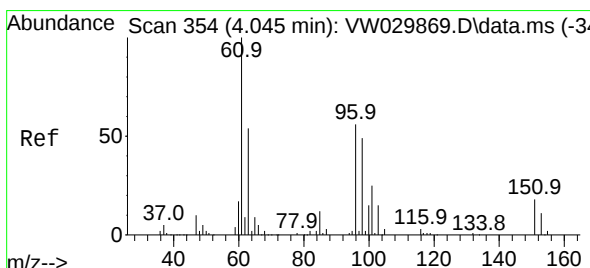
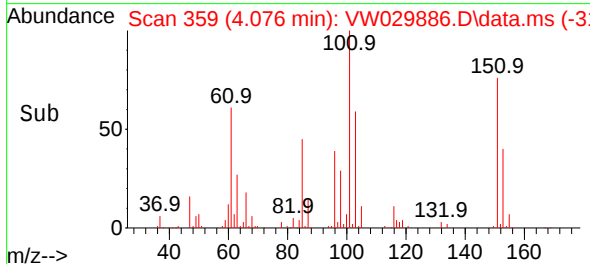
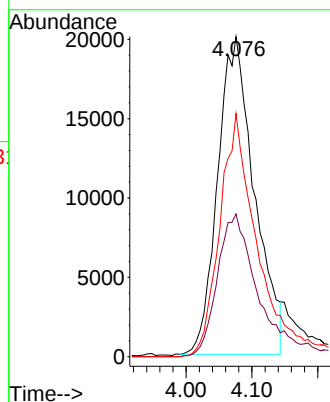
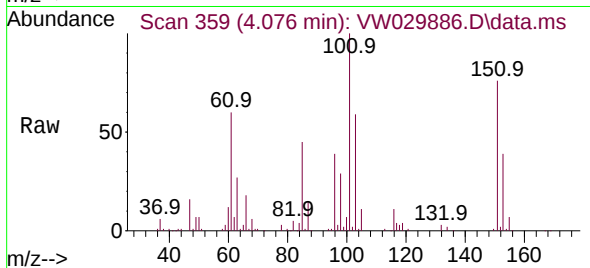
Tgt Ion:101 Resp: 77660

Ion Ratio Lower Upper

101 100

85 48.5 34.2 51.4

151 77.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 26.126 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

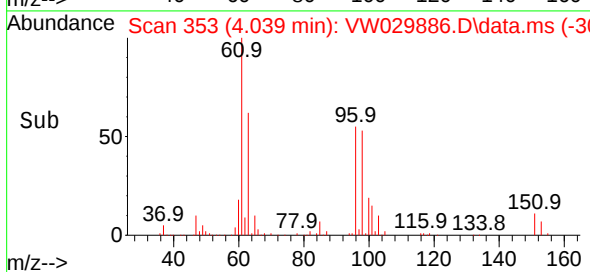
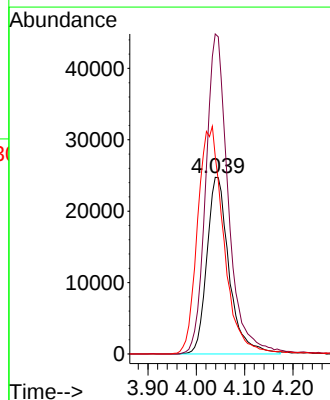
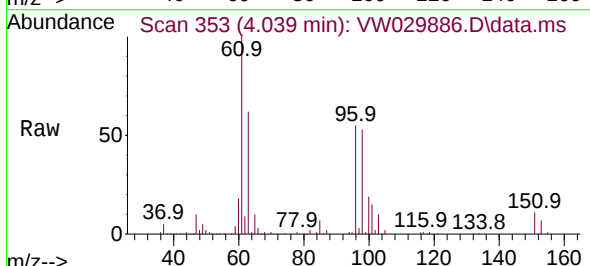
Tgt Ion: 96 Resp: 79036

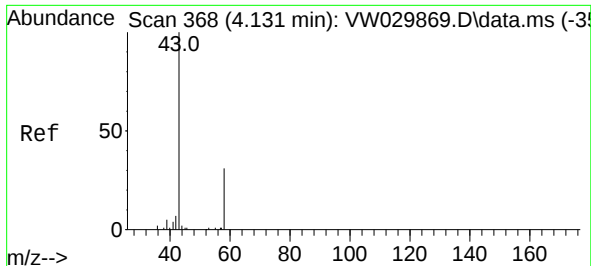
Ion Ratio Lower Upper

96 100

61 181.2 138.3 256.9

63 111.9 89.0 165.4





#13

Acetone

Concen: 37.180 ug/L

RT: 4.143 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

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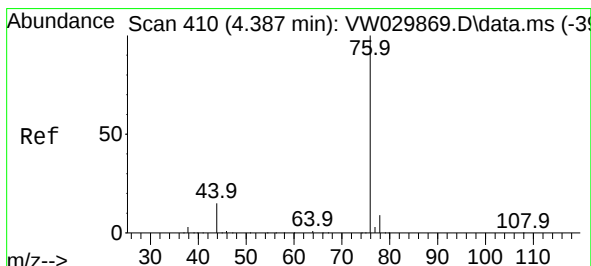
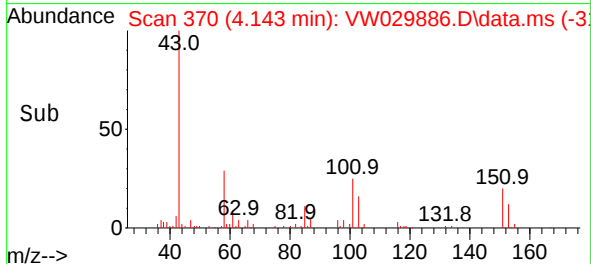
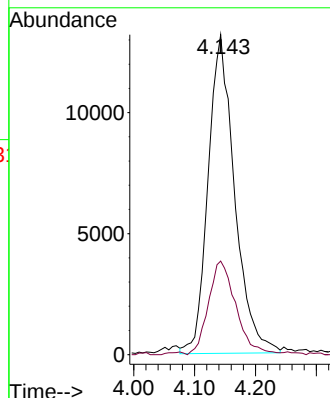
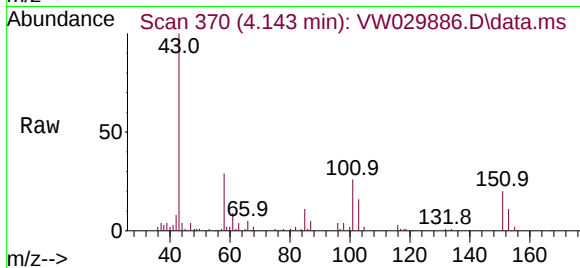
ClientSampleId :

Tgt Ion: 43 Resp: 39813

Ion Ratio Lower Upper

43 100

58 30.4 0.0 57.6



#14

Carbon disulfide

Concen: 23.273 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW029886.D

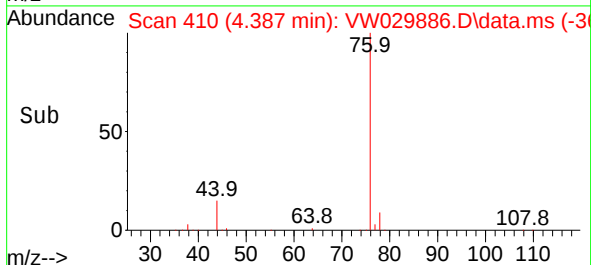
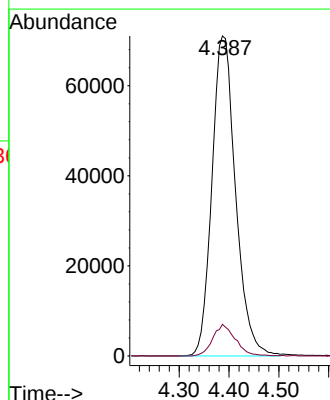
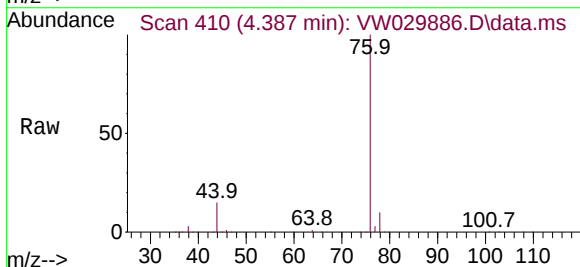
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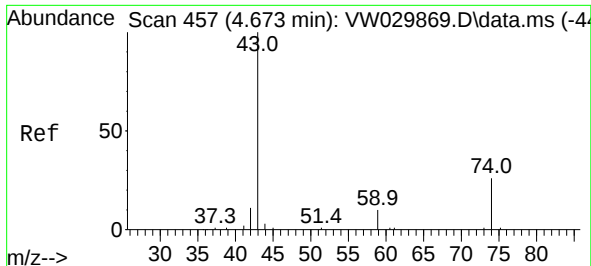
Tgt Ion: 76 Resp: 234293

Ion Ratio Lower Upper

76 100

78 9.9 7.6 11.4





#15

Methyl Acetate

Concen: 18.718 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

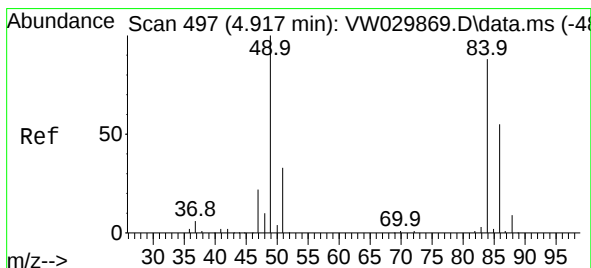
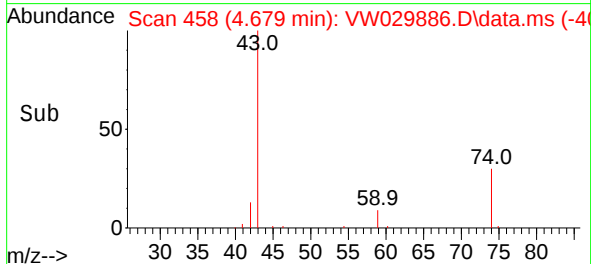
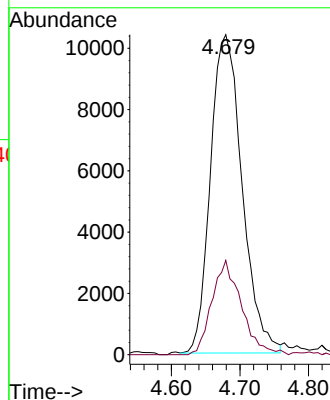
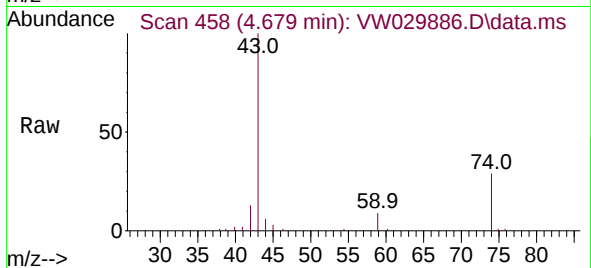
ClientSampleId :

Tgt Ion: 43 Resp: 33384

Ion Ratio Lower Upper

43 100

74 27.2 16.5 24.7#



#16

Methylene chloride

Concen: 20.211 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

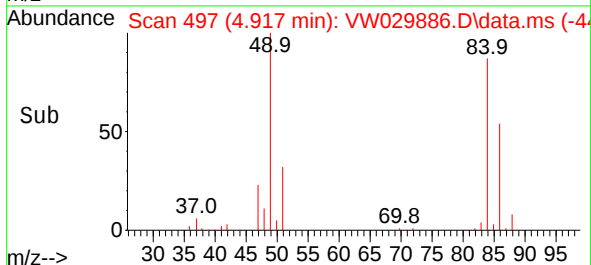
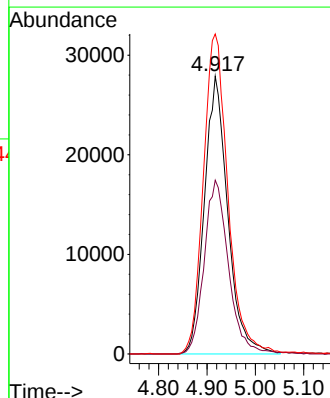
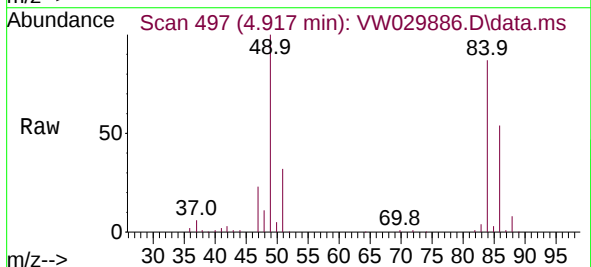
Tgt Ion: 84 Resp: 93564

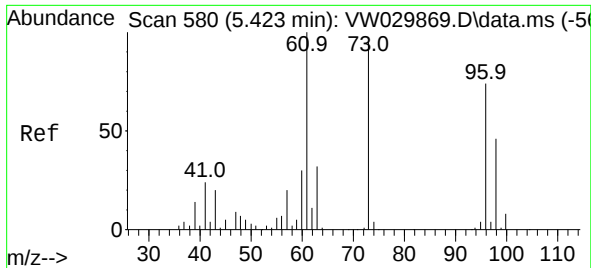
Ion Ratio Lower Upper

84 100

86 62.5 44.7 82.9

49 115.2 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 27.091 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

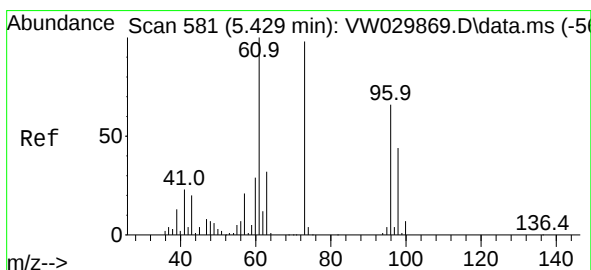
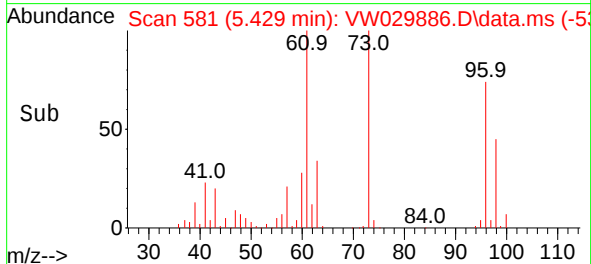
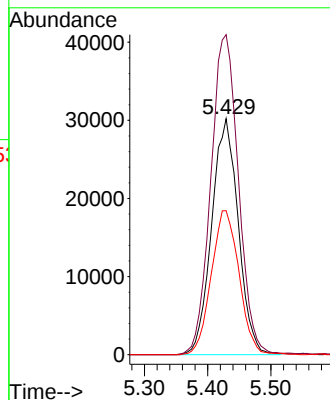
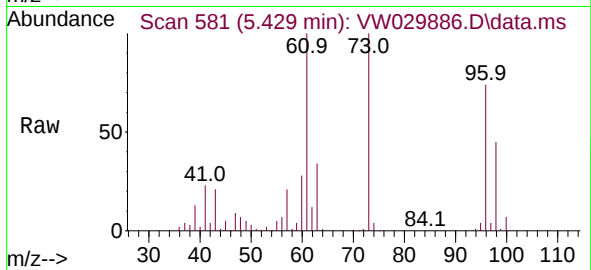
Tgt Ion: 96 Resp: 88317

Ion Ratio Lower Upper

96 100

61 135.6 111.2 206.6

98 61.0 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 26.125 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

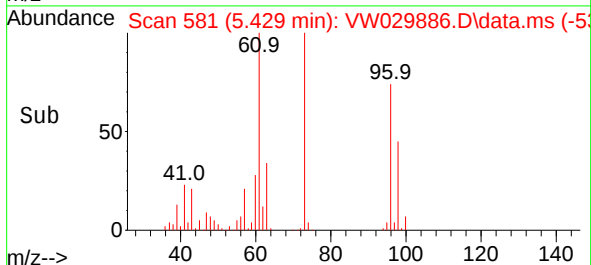
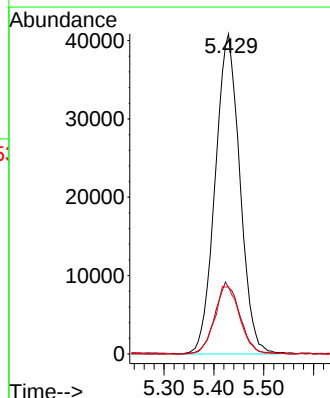
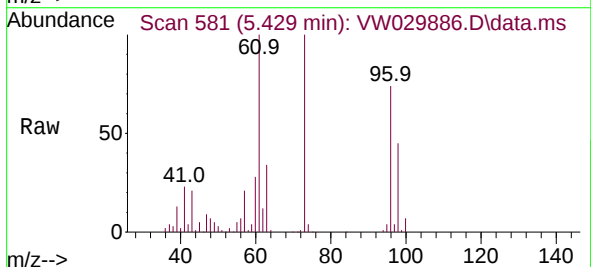
Tgt Ion: 73 Resp: 140366

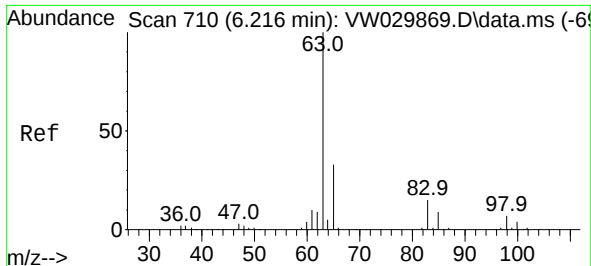
Ion Ratio Lower Upper

73 100

43 22.5 18.3 27.5

57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.939 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

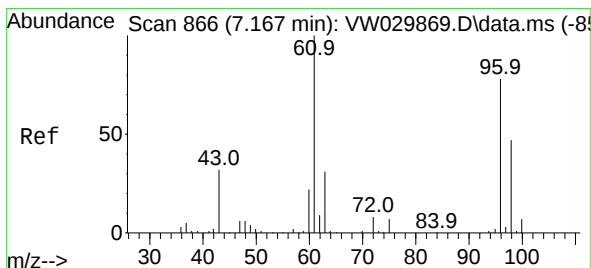
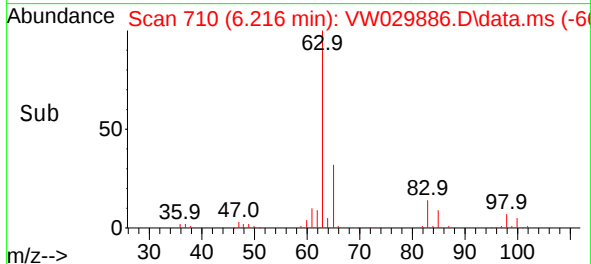
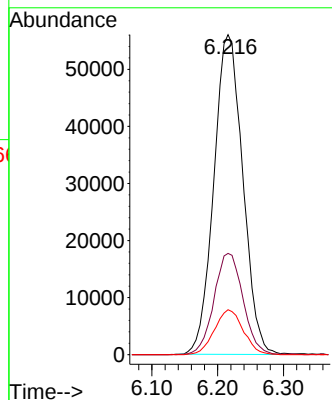
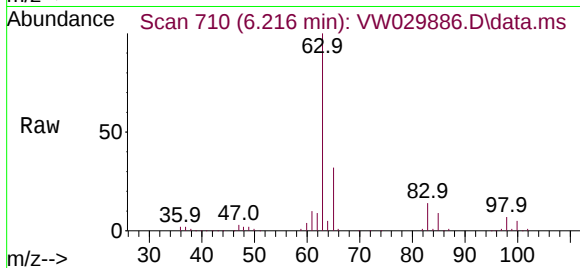
Tgt Ion: 63 Resp: 171467

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 14.0 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 28.185 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

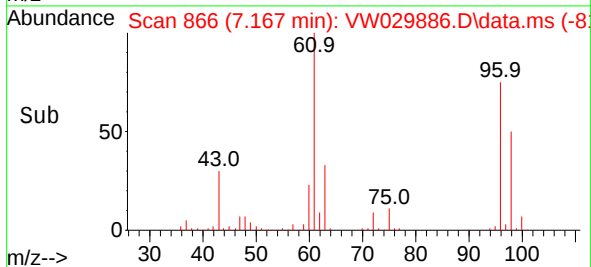
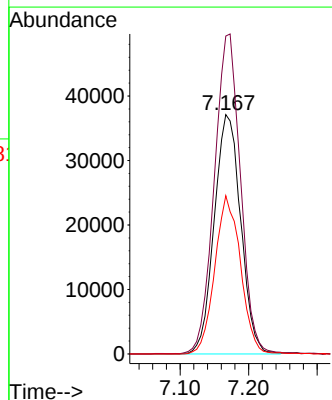
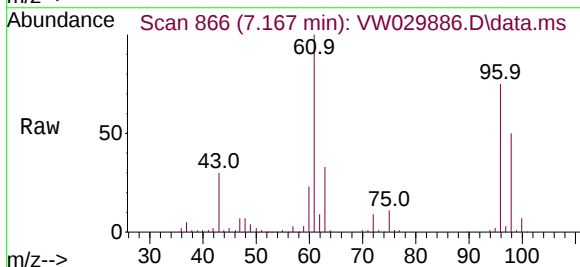
Tgt Ion: 96 Resp: 99667

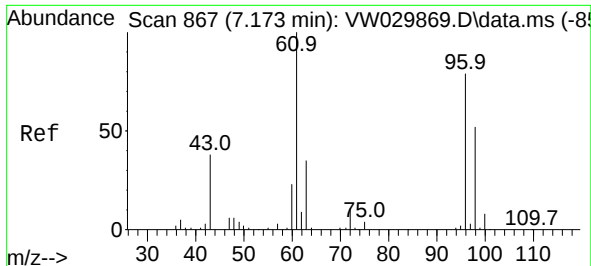
Ion Ratio Lower Upper

96 100

61 132.8 98.2 182.4

98 66.1 41.9 77.9

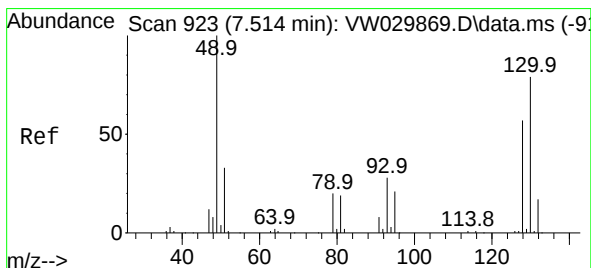
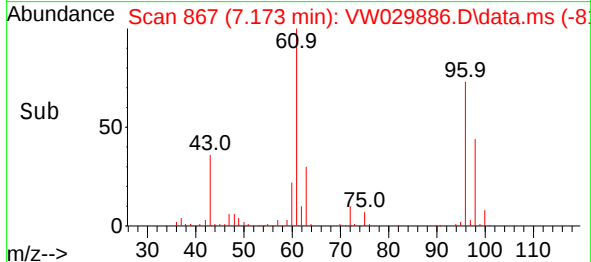
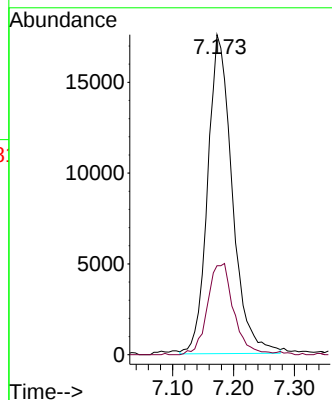
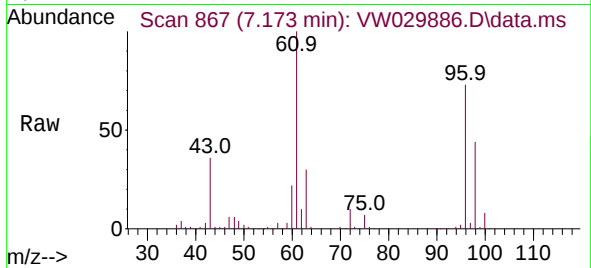




#22
2-Butanone
Concen: 35.890 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

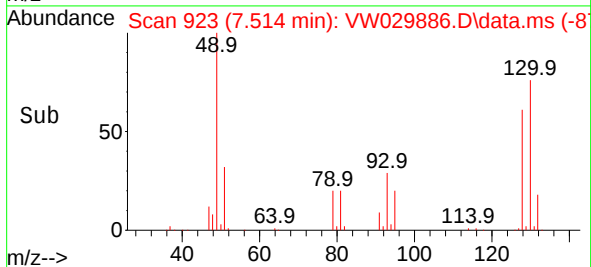
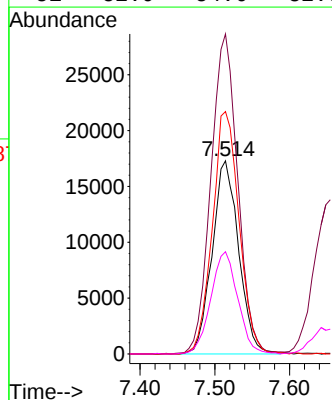
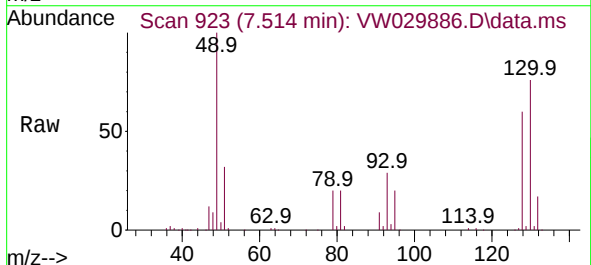
Instrument :
MSVOA_W
ClientSampleId :

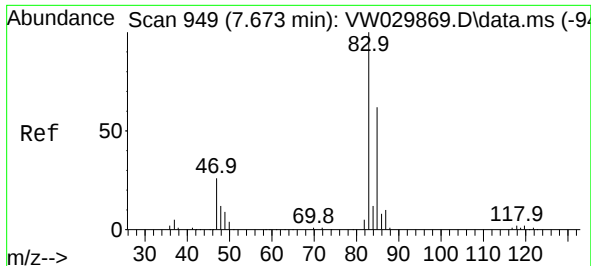
Tgt Ion: 43 Resp: 49242
Ion Ratio Lower Upper
43 100
72 29.3 11.7 35.1



#23
Bromochloromethane
Concen: 28.422 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion:128 Resp: 42667
Ion Ratio Lower Upper
128 100
49 165.8 151.1 280.7
130 125.6 96.8 179.8
51 52.9 54.6 82.0#





#25

Chloroform

Concen: 28.284 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

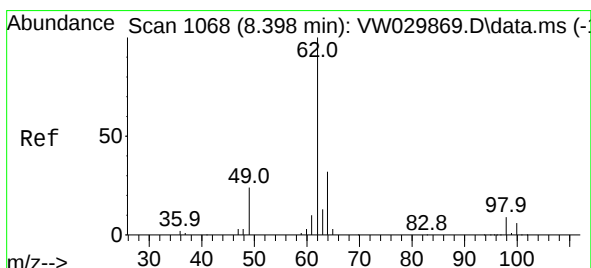
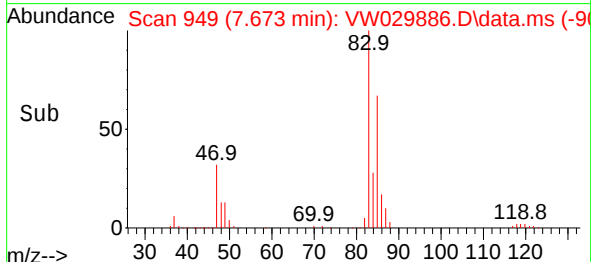
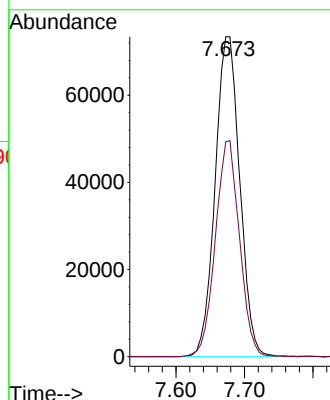
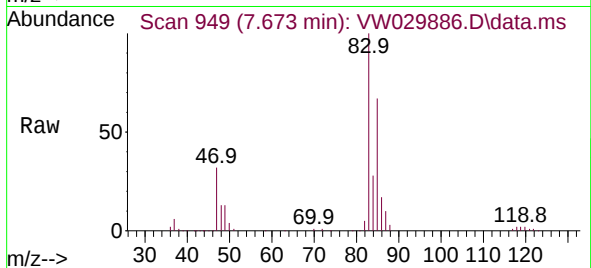
ClientSampleId :

Tgt Ion: 83 Resp: 183221

Ion Ratio Lower Upper

83 100

85 67.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.165 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029886.D

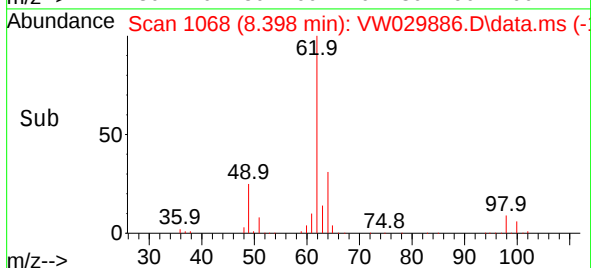
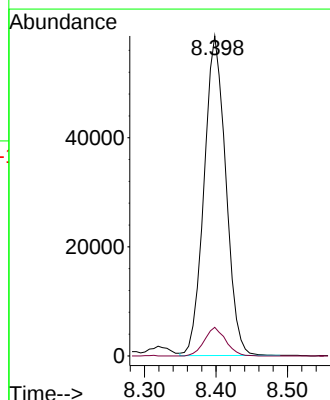
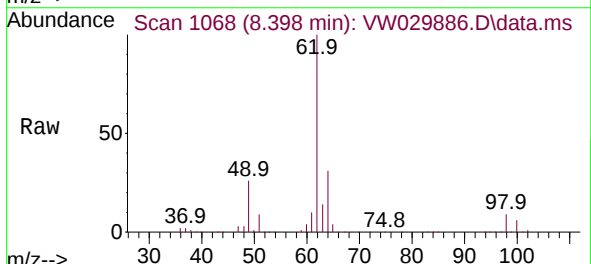
Acq: 12 Aug 2024 12:08

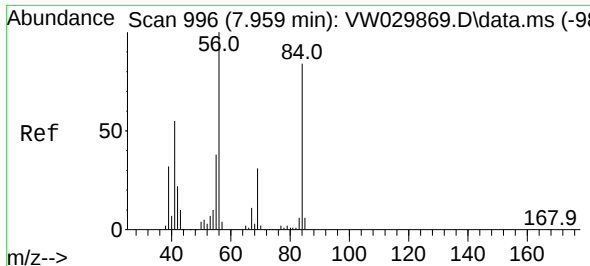
Tgt Ion: 62 Resp: 123523

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 21.506 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

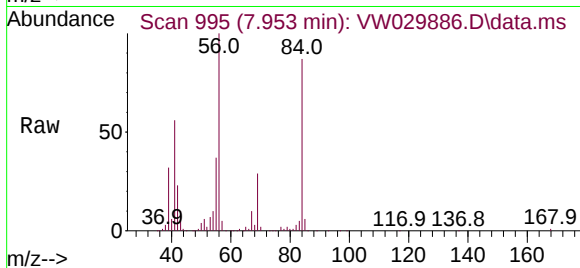
Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



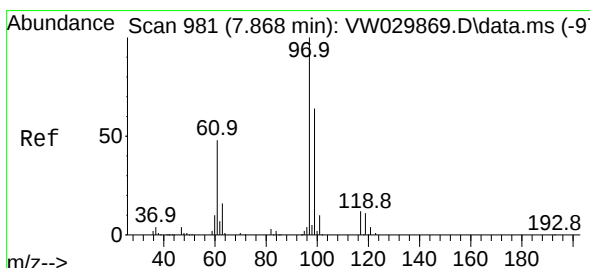
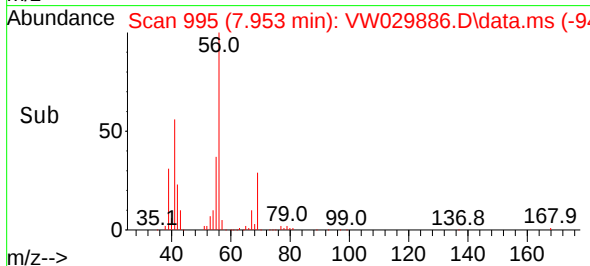
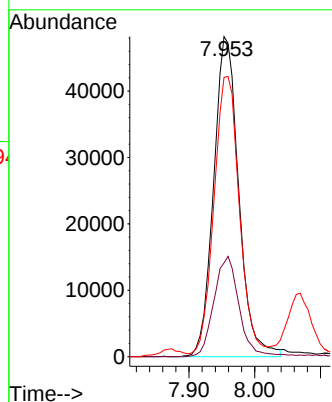
Tgt Ion: 56 Resp: 128213

Ion Ratio Lower Upper

56 100

69 30.9 23.0 34.4

84 88.9 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 27.667 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

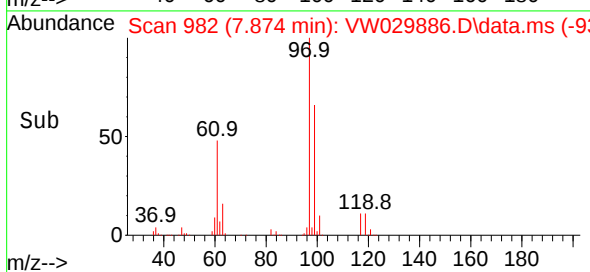
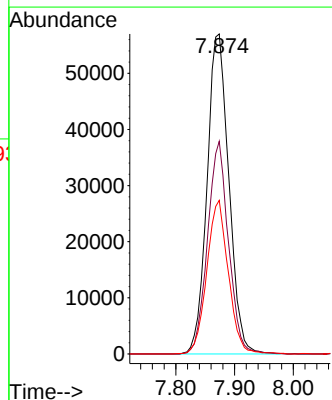
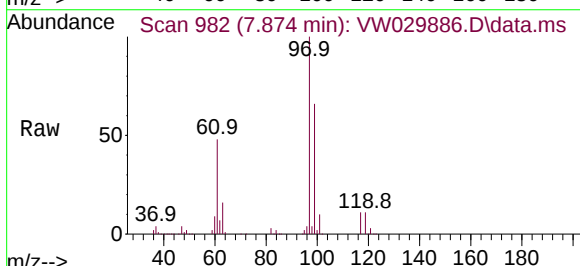
Tgt Ion: 97 Resp: 146979

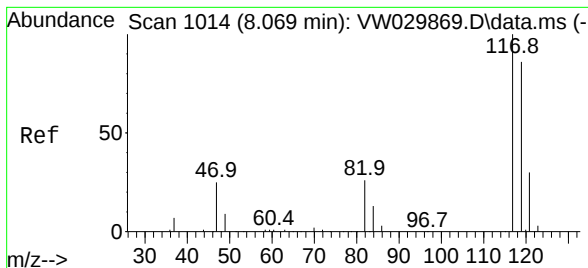
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 47.4 42.6 63.8

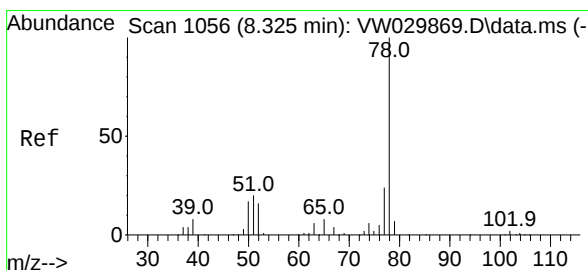
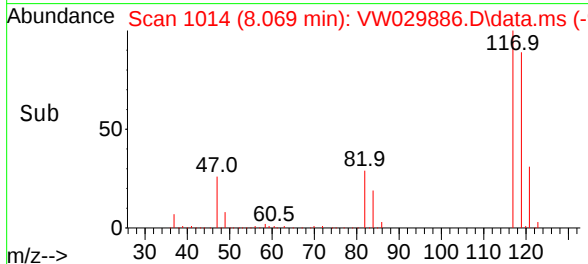
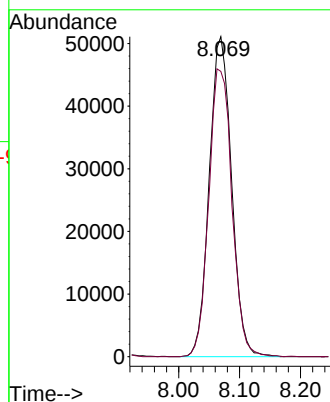
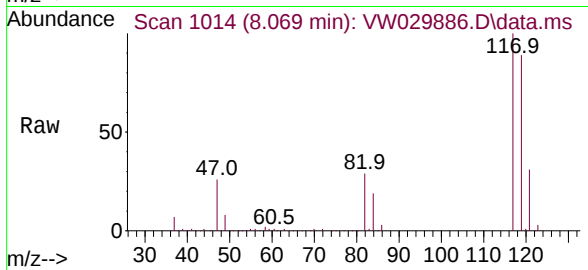




#31
Carbon tetrachloride
Concen: 27.159 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

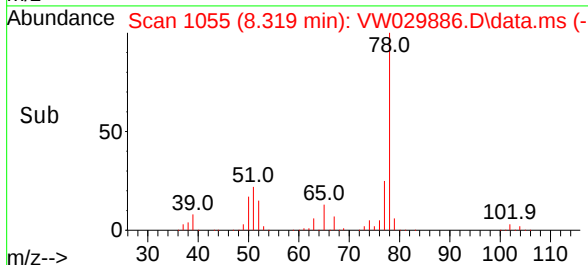
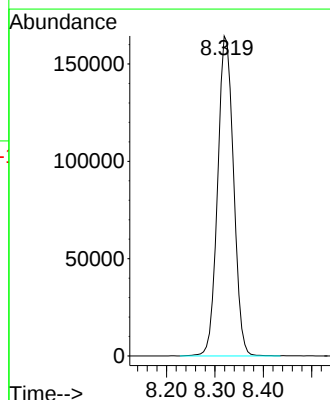
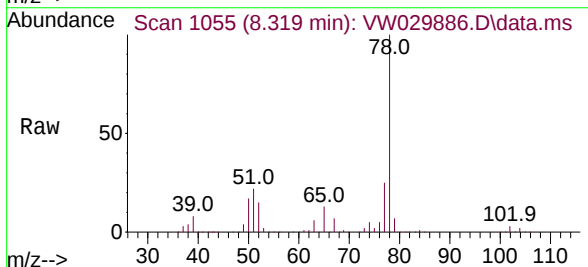
Instrument :
MSVOA_W
ClientSampleId :

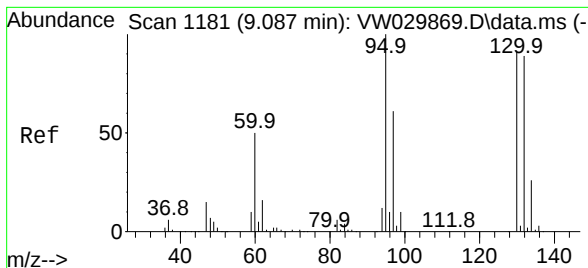
Tgt Ion:117 Resp: 130010
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2



#33
Benzene
Concen: 26.173 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion: 78 Resp: 376202





#34

Trichloroethene

Concen: 26.327 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 99203

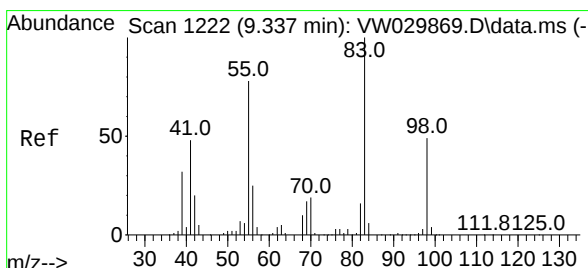
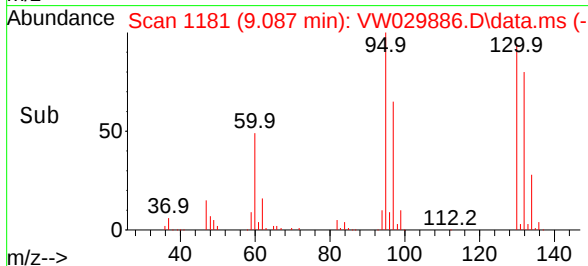
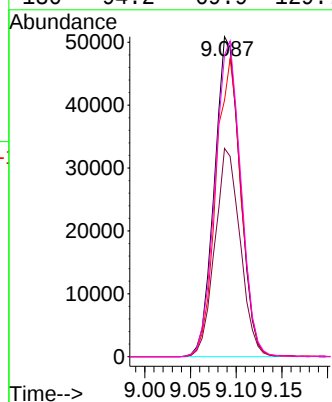
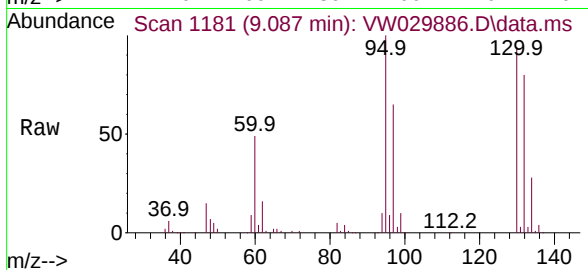
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.8

132 80.1 65.2 121.0

130 94.2 69.9 129.7



#35

Methylcyclohexane

Concen: 24.587 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

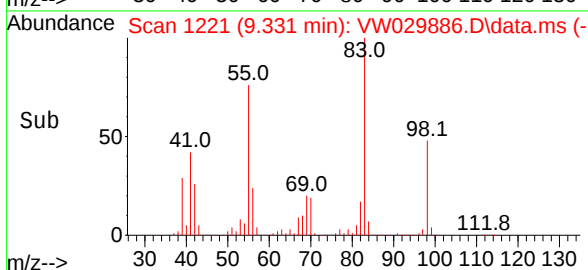
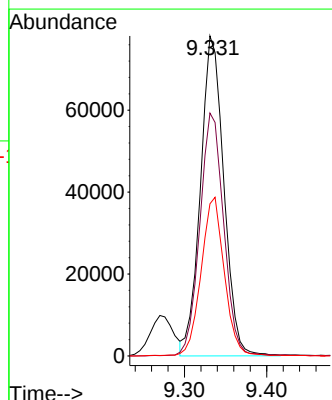
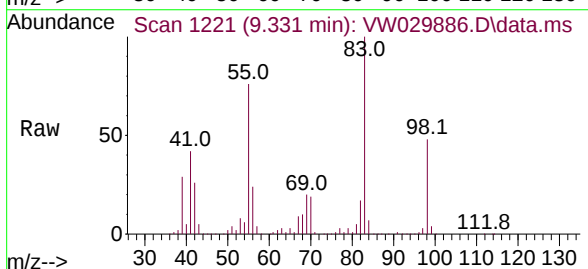
Tgt Ion: 83 Resp: 154378

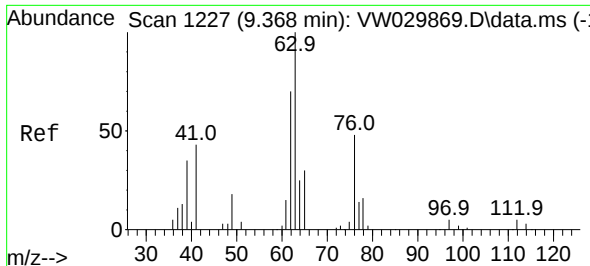
Ion Ratio Lower Upper

83 100

55 77.6 67.4 101.2

98 49.2 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.612 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

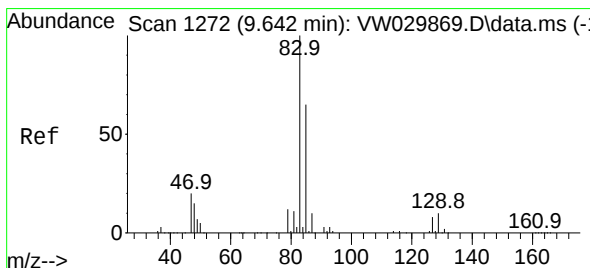
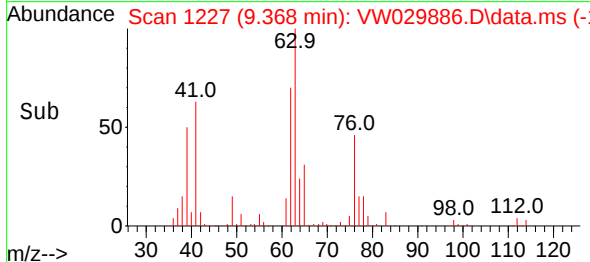
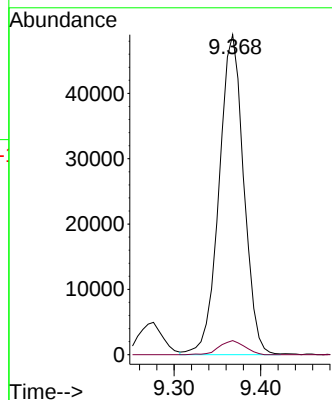
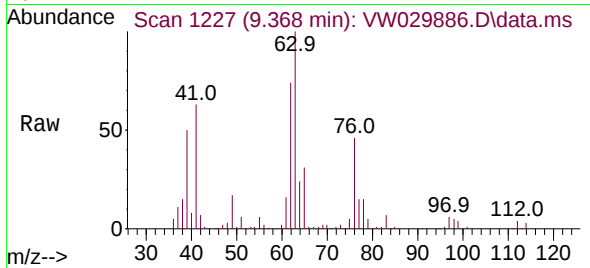
ClientSampleId :

Tgt Ion: 63 Resp: 96948

Ion Ratio Lower Upper

63 100

112 4.5 3.3 4.9



#38

Bromodichloromethane

Concen: 27.782 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

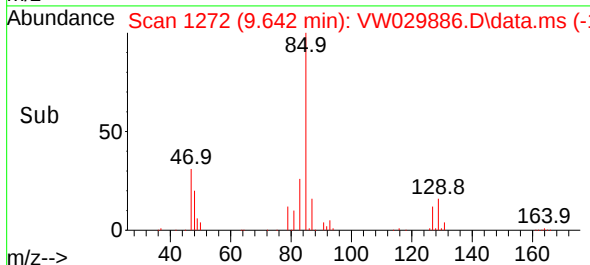
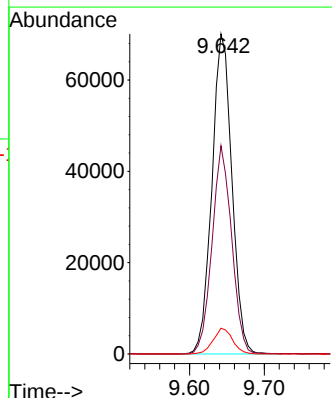
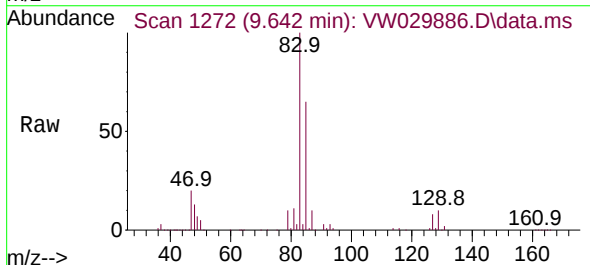
Tgt Ion: 83 Resp: 130314

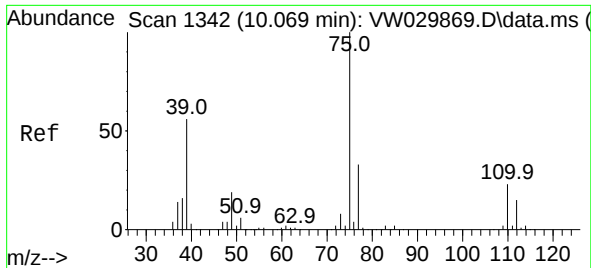
Ion Ratio Lower Upper

83 100

85 65.1 46.6 86.6

127 8.1 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.483 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

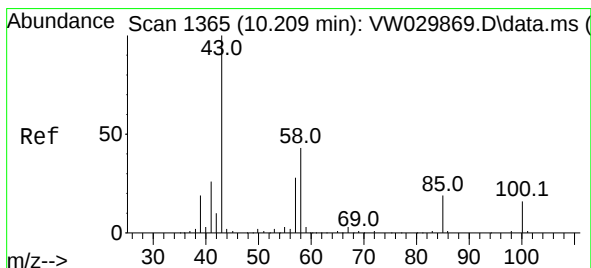
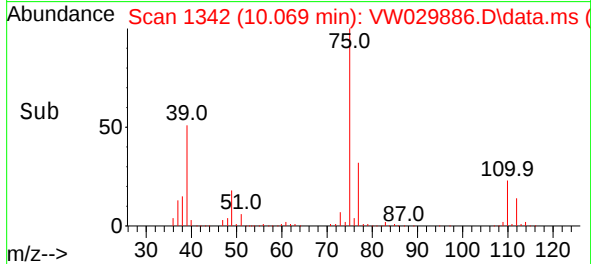
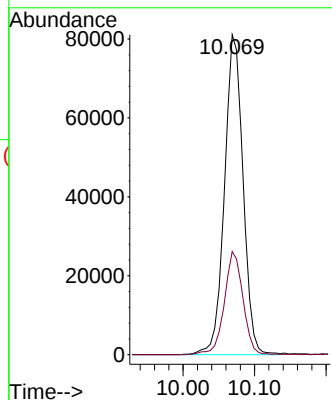
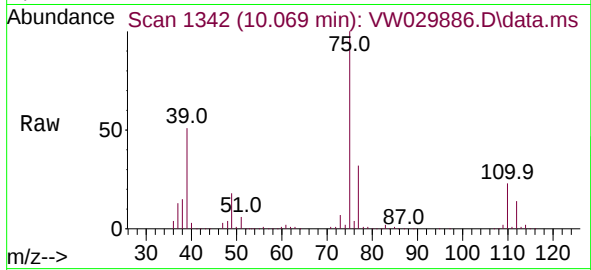
ClientSampleId :

Tgt Ion: 75 Resp: 146184

Ion Ratio Lower Upper

75 100

77 32.2 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 39.960 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

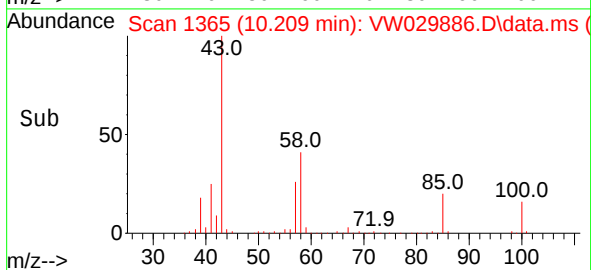
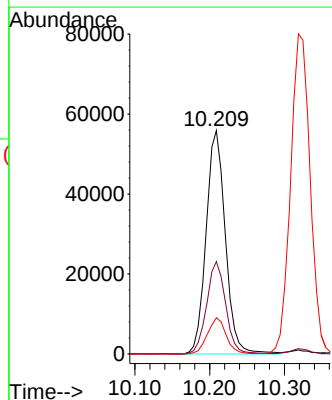
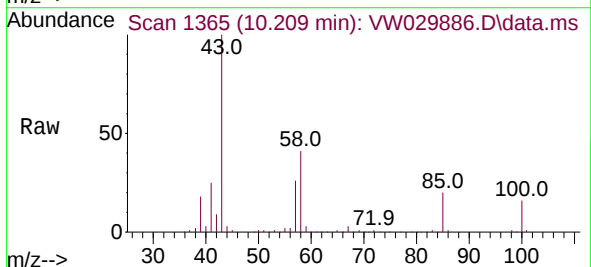
Tgt Ion: 43 Resp: 99978

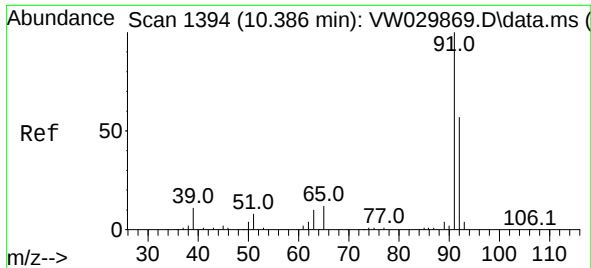
Ion Ratio Lower Upper

43 100

58 40.9 28.7 43.1

100 15.8 10.0 15.0#

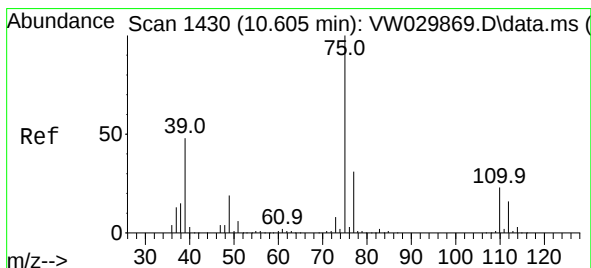
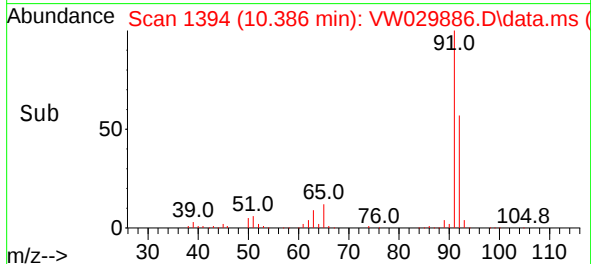
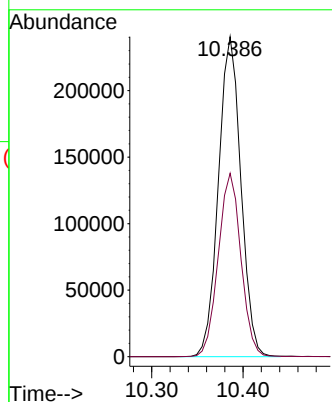
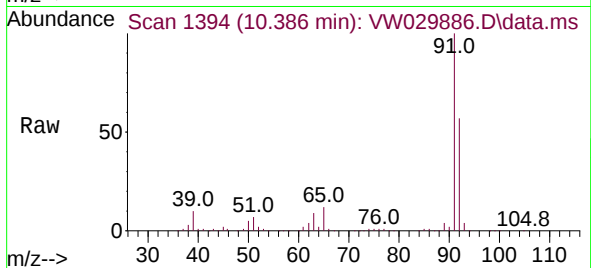




#42
Toluene
Concen: 28.022 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

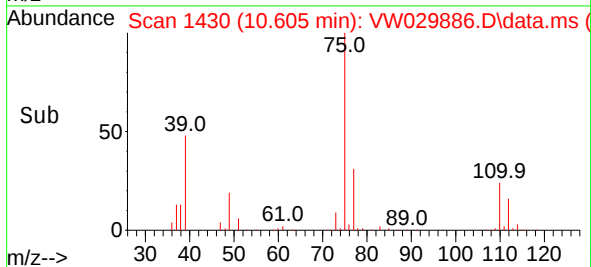
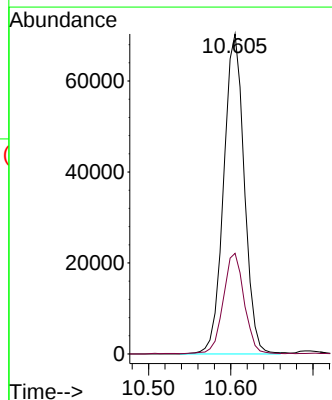
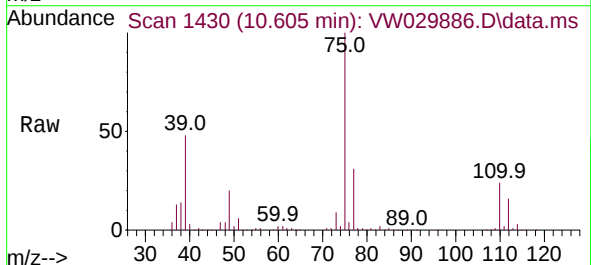
Instrument :
MSVOA_W
ClientSampleId :

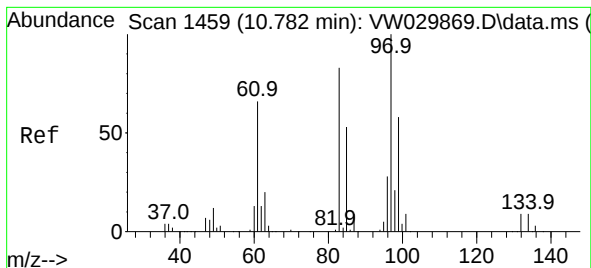
Tgt Ion: 91 Resp: 411128
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.754 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion: 75 Resp: 122647
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.886 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 73792

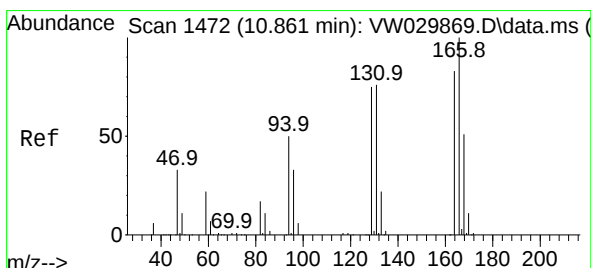
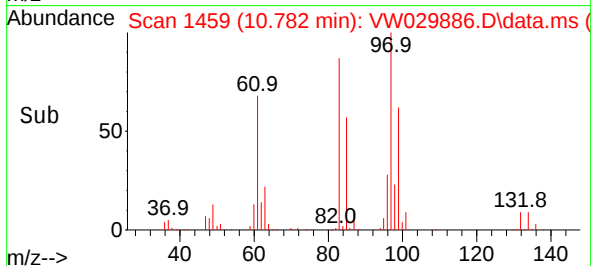
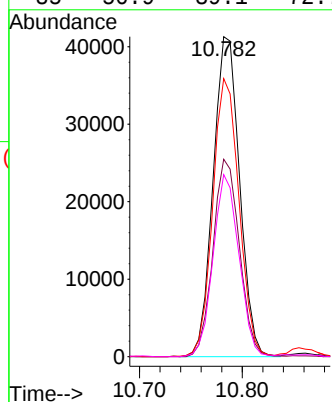
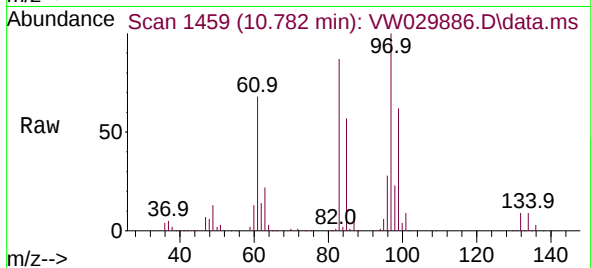
Ion Ratio Lower Upper

97 100

99 61.7 40.1 74.5

83 86.9 58.5 108.7

85 56.9 39.1 72.7



#46

Tetrachloroethene

Concen: 27.288 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Tgt Ion:164 Resp: 74734

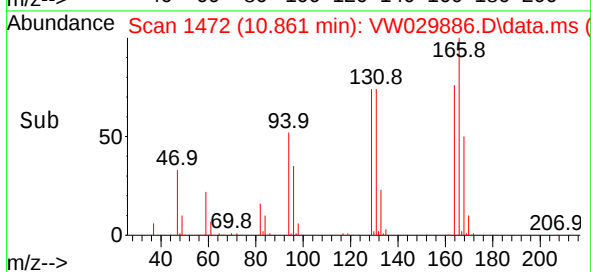
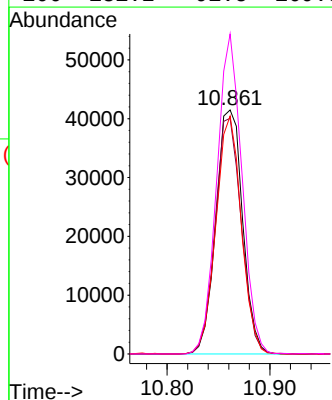
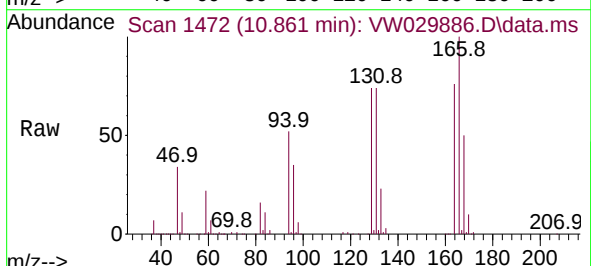
Ion Ratio Lower Upper

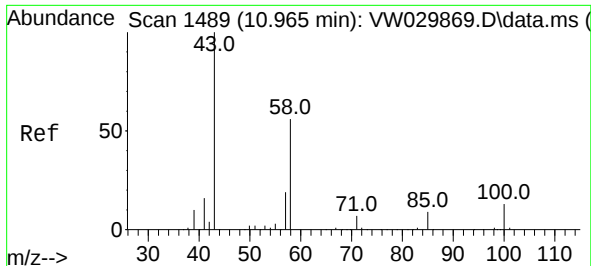
164 100

129 96.6 77.8 144.6

131 97.6 70.9 131.7

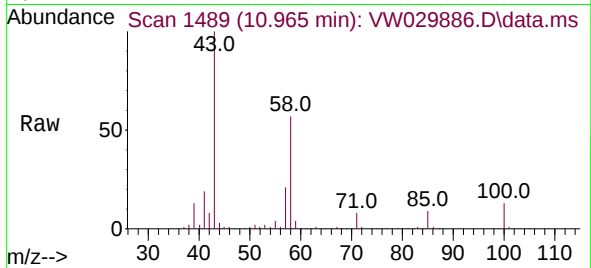
166 131.2 91.5 169.9



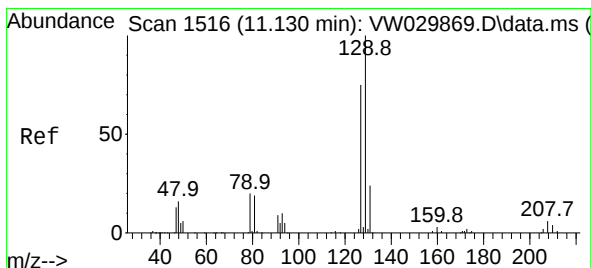
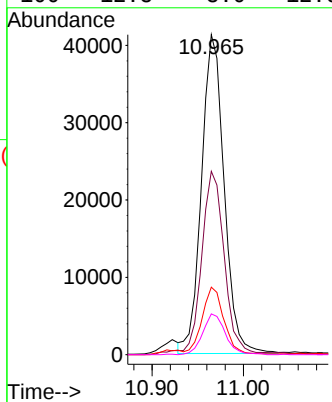
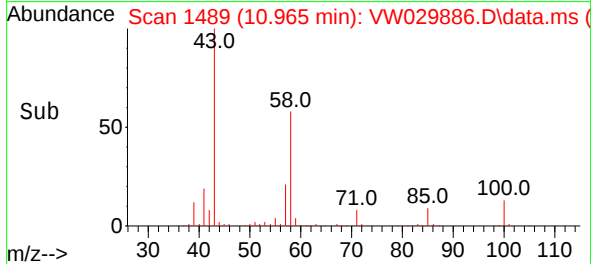


#48
2-Hexanone
Concen: 37.836 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Instrument :
MSVOA_W
ClientSampleId :

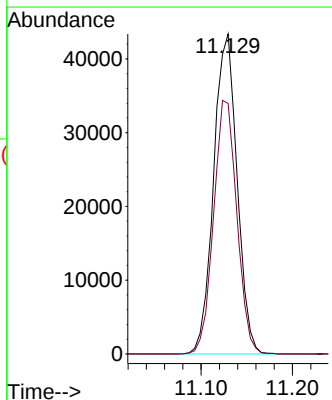
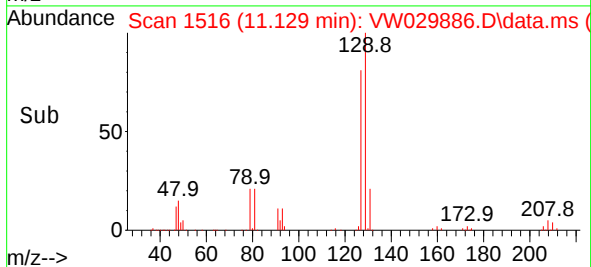
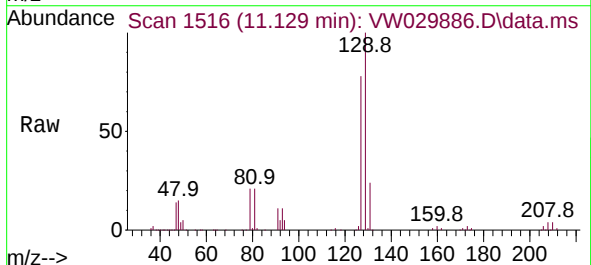


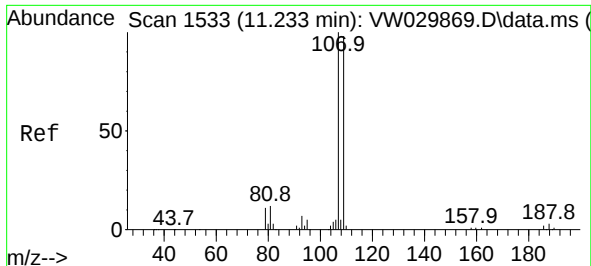
Tgt Ion: 43 Resp: 70900
Ion Ratio Lower Upper
43 100
58 55.3 41.0 61.4
57 20.7 14.1 21.1
100 12.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 28.175 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion:129 Resp: 77399
Ion Ratio Lower Upper
129 100
127 78.3 52.4 97.2





#50

1,2-Dibromoethane

Concen: 26.928 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

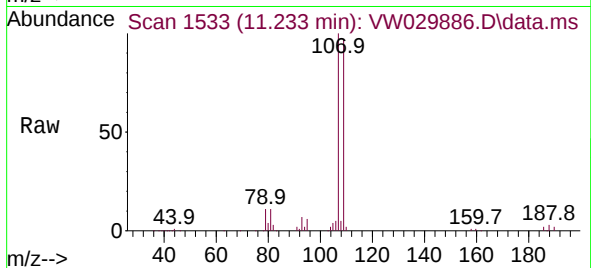
Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

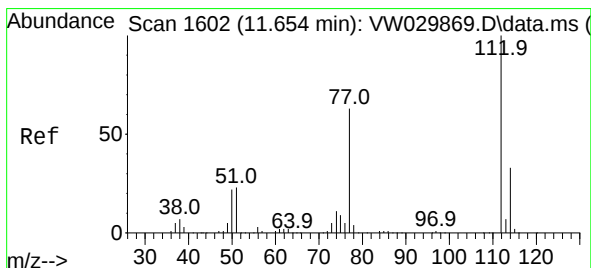
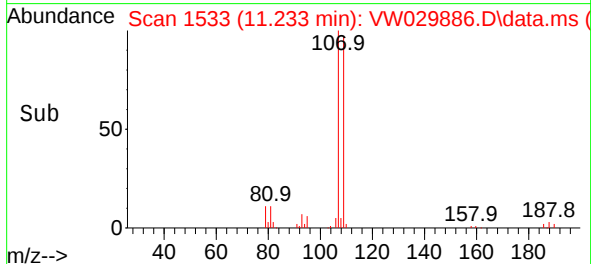
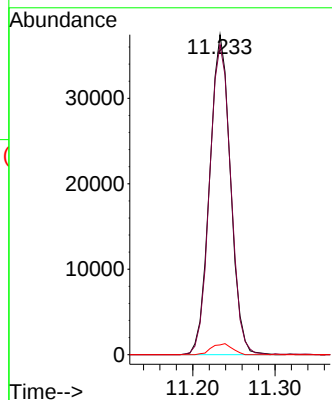
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	65932
Ion	Ratio	Lower	Upper
107	100		
109	96.9	64.8	120.3
188	3.1	2.7	4.1



#51

Chlorobenzene

Concen: 27.430 ug/L

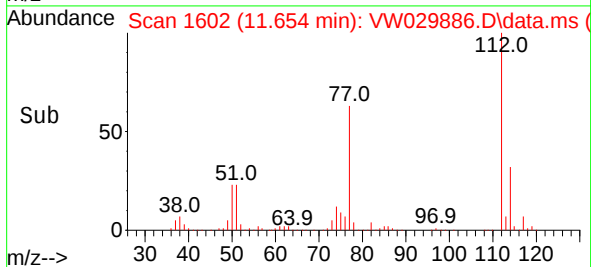
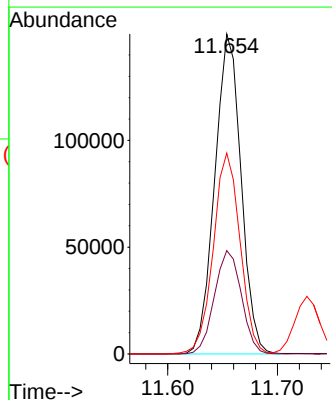
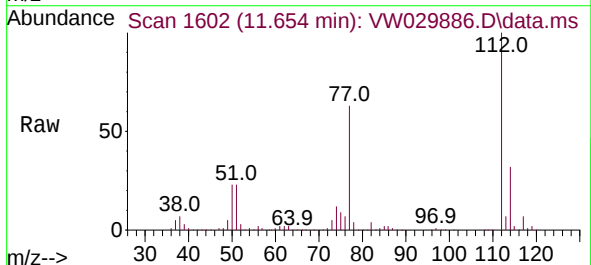
RT: 11.654 min Scan# 1602

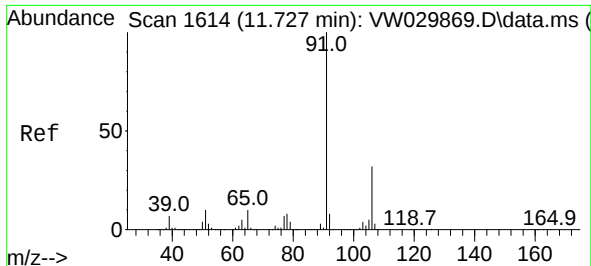
Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Tgt Ion:	112	Resp:	250332
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	62.7	53.8	80.8





#52

Ethylbenzene

Concen: 28.192 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

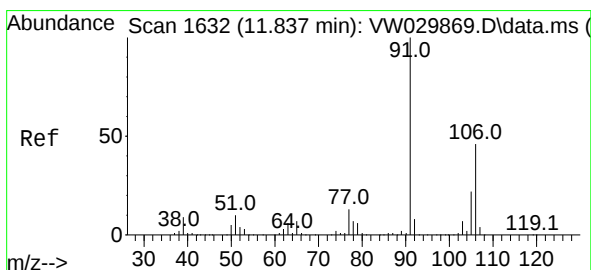
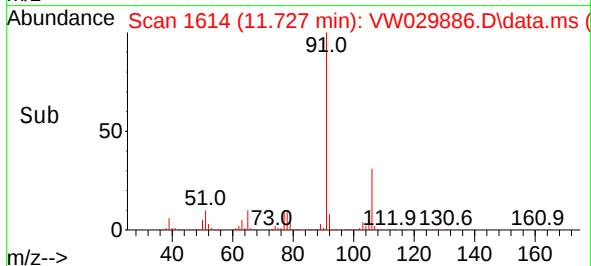
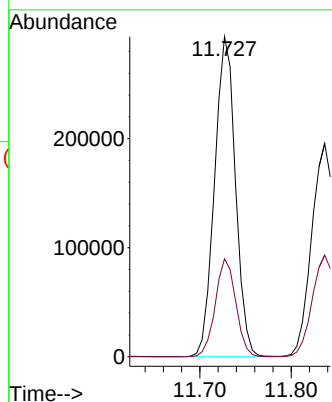
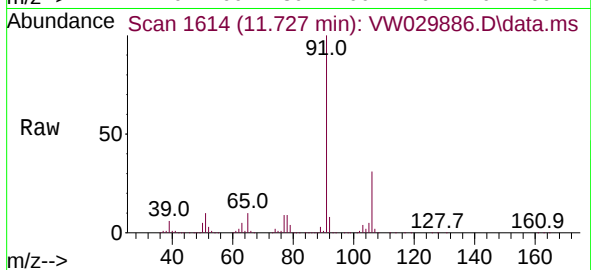
ClientSampleId :

Tgt Ion: 91 Resp: 466585

Ion Ratio Lower Upper

91 100

106 30.6 20.4 38.0



#53

m,p-Xylene

Concen: 28.323 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029886.D

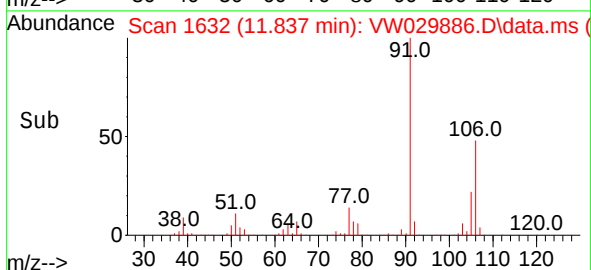
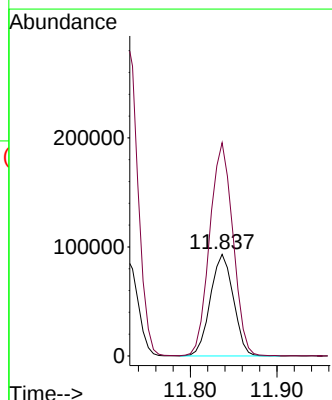
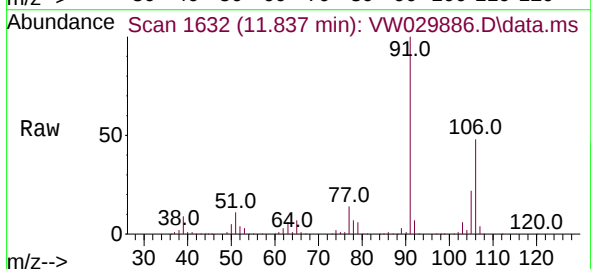
Acq: 12 Aug 2024 12:08

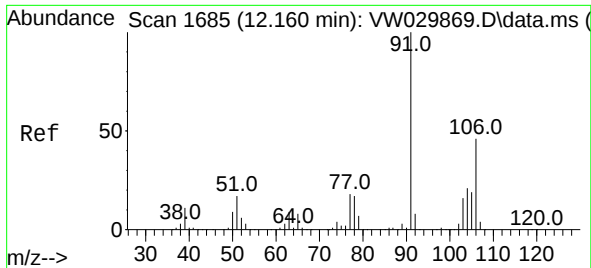
Tgt Ion:106 Resp: 172391

Ion Ratio Lower Upper

106 100

91 209.8 151.4 281.2

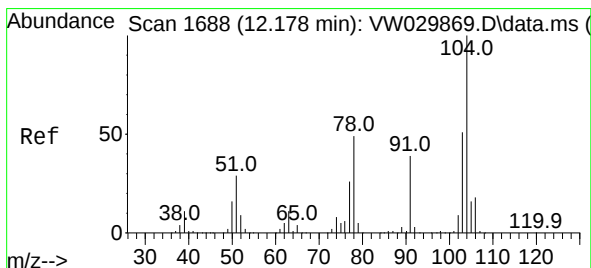
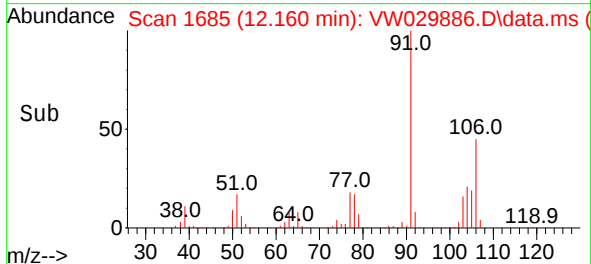
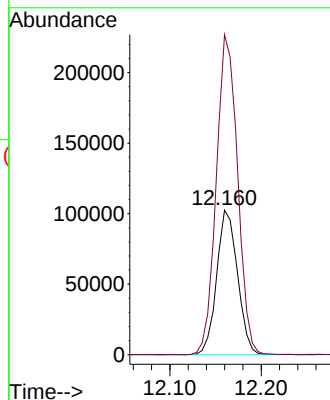
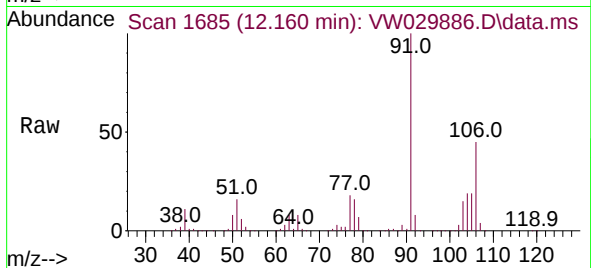




#54
o-Xylene
Concen: 28.985 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

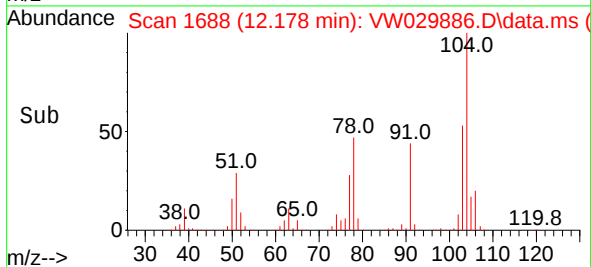
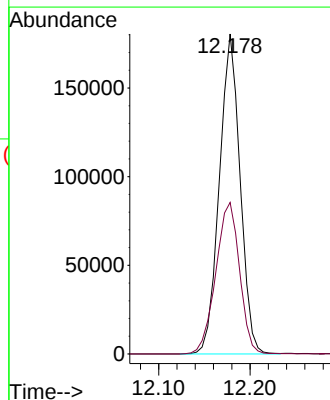
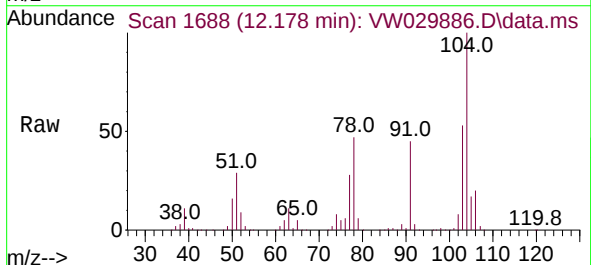
Instrument :
MSVOA_W
ClientSampleId :

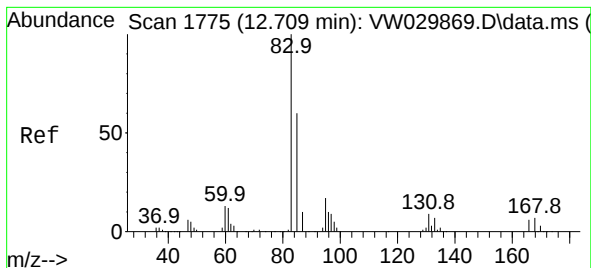
Tgt Ion:106 Resp: 162461
Ion Ratio Lower Upper
106 100
91 221.4 155.8 289.4



#55
Styrene
Concen: 29.298 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion:104 Resp: 284654
Ion Ratio Lower Upper
104 100
78 47.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.754 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029886.D

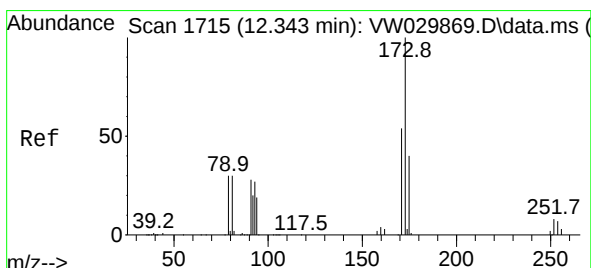
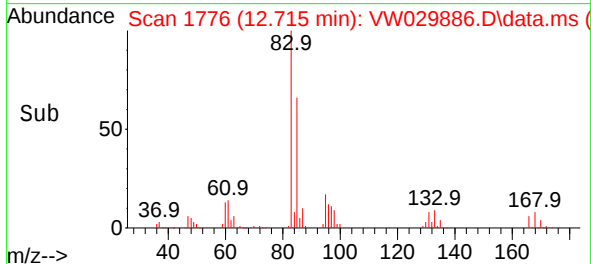
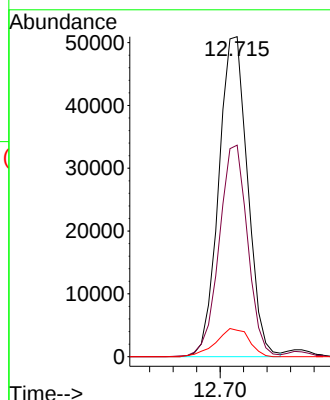
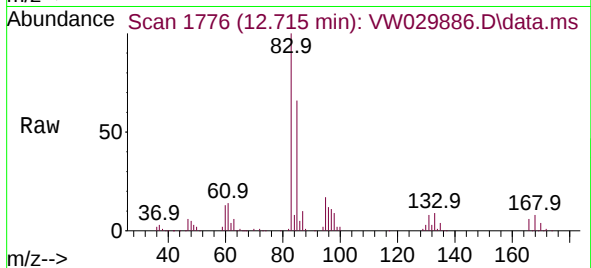
Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	86894
Ion Ratio	Lower	Upper	
83	100		
85	66.1	44.2	82.0
131	8.3	6.2	9.2



#59

Bromoform

Concen: 26.760 ug/L

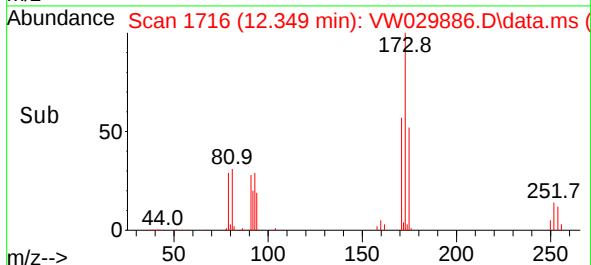
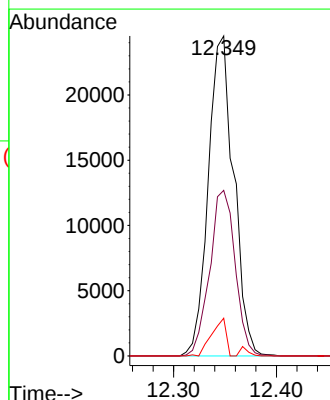
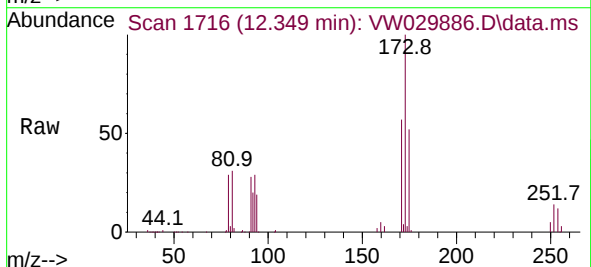
RT: 12.349 min Scan# 1716

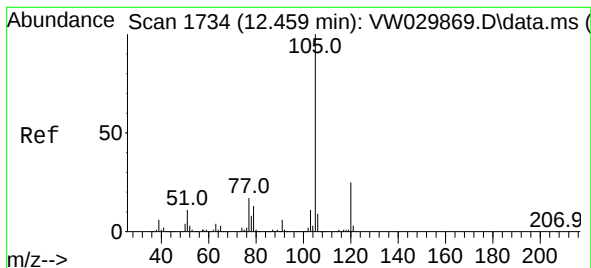
Delta R.T. 0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Tgt Ion:	173	Resp:	42217
Ion Ratio	Lower	Upper	
173	100		
175	51.7	38.1	57.1
254	6.7	7.8	11.6#





#60

Isopropylbenzene

Concen: 28.154 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

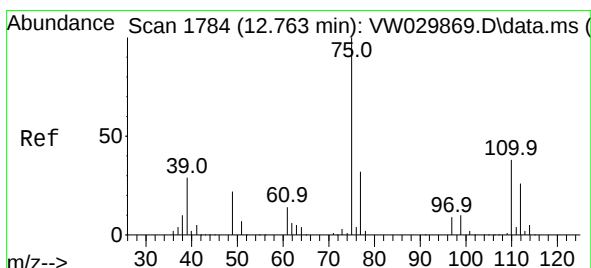
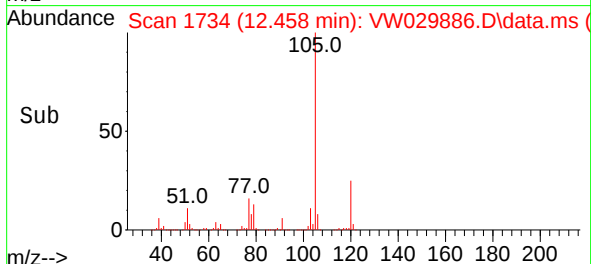
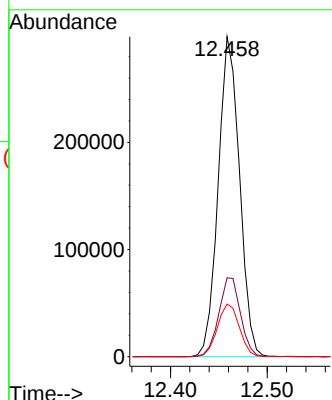
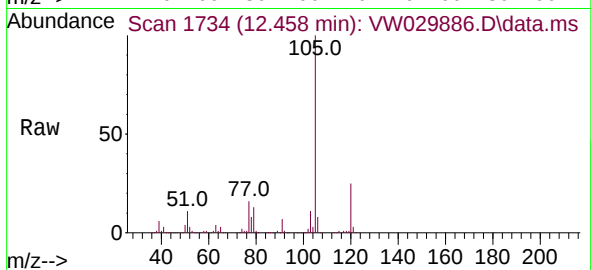
Tgt Ion:105 Resp: 456775

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: 24.075 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

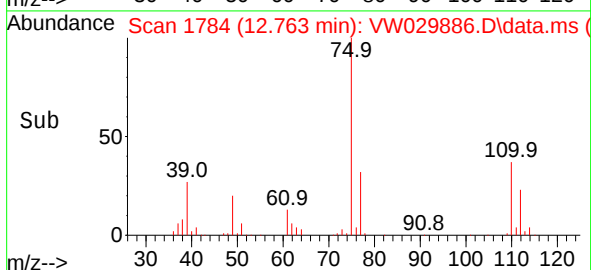
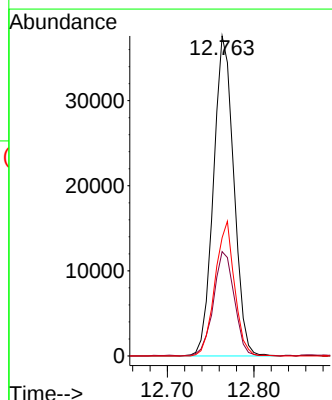
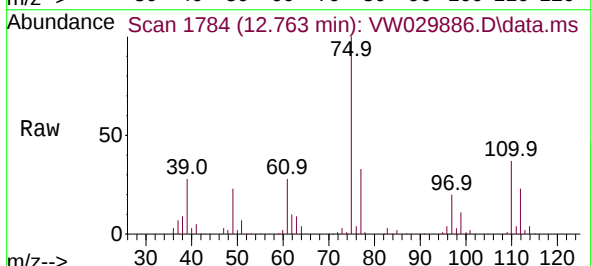
Tgt Ion: 75 Resp: 61393

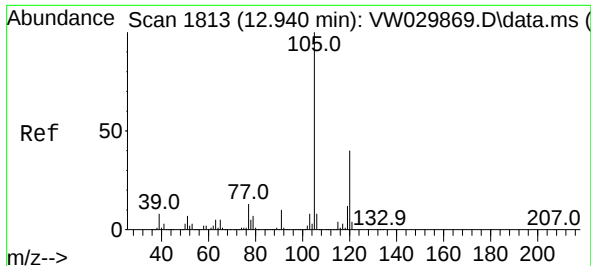
Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.0

110 40.1 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 31.742 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

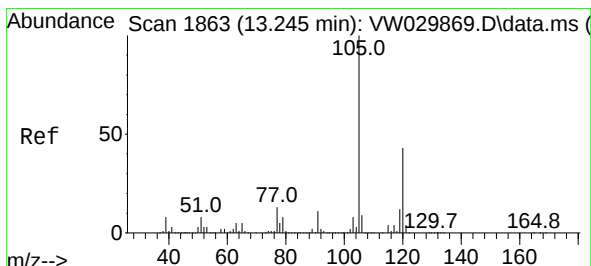
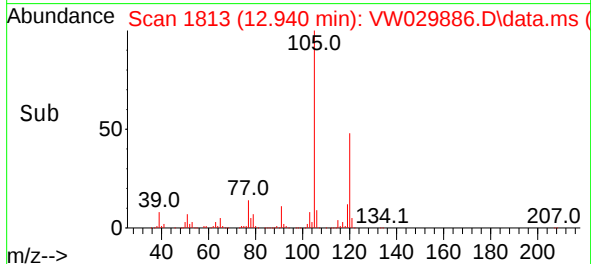
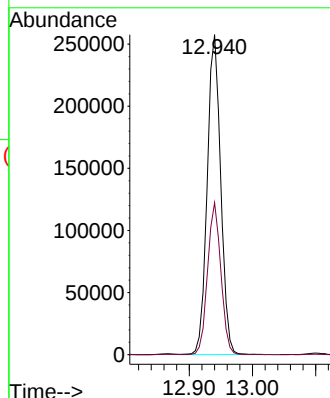
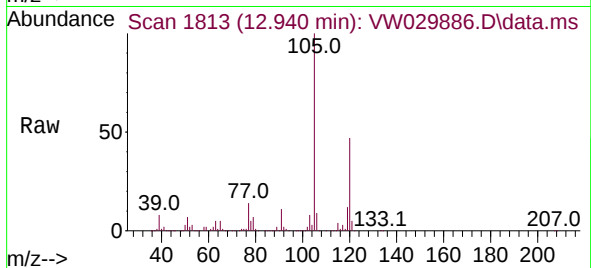
ClientSampleId :

Tgt Ion:105 Resp: 382788

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.960 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029886.D

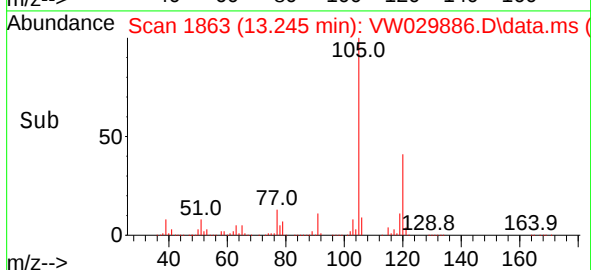
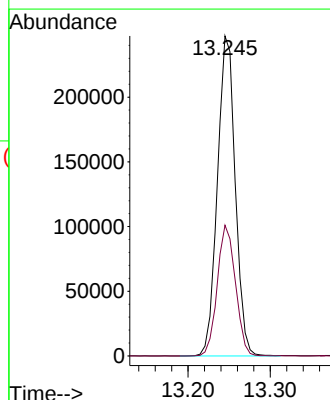
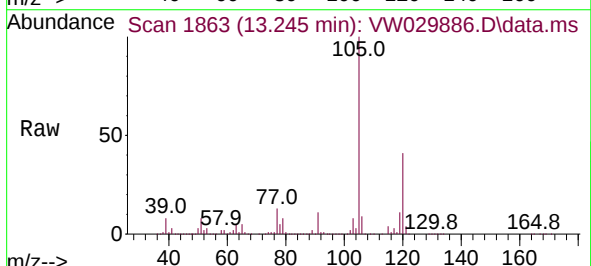
Acq: 12 Aug 2024 12:08

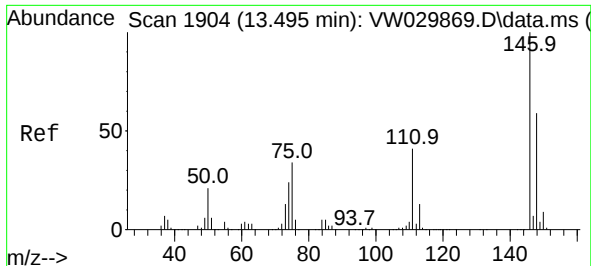
Tgt Ion:105 Resp: 373498

Ion Ratio Lower Upper

105 100

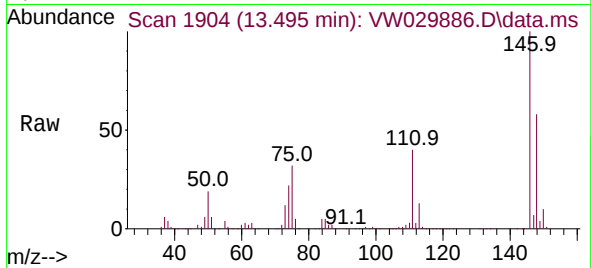
120 41.6 35.4 53.0



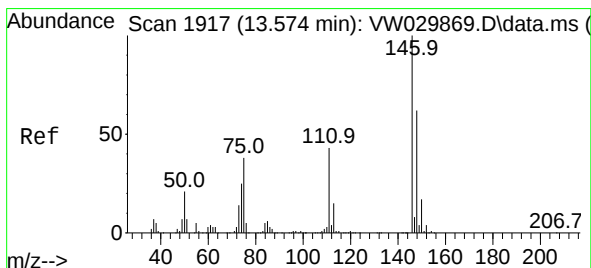
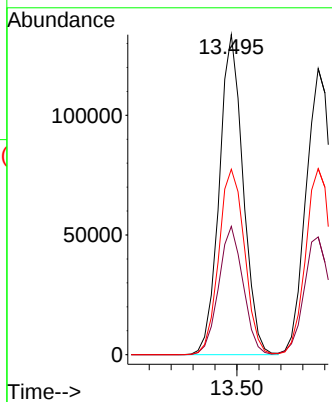
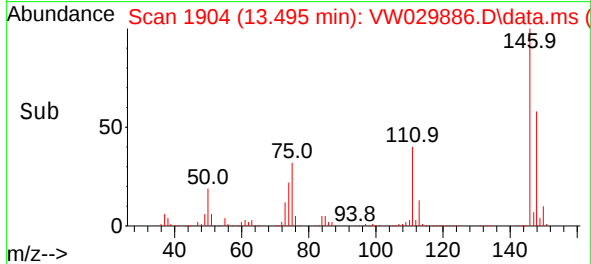


#64
1,3-Dichlorobenzene
Concen: 29.211 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

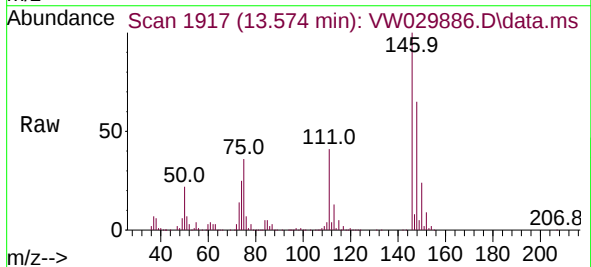
Instrument :
MSVOA_W
ClientSampleId :



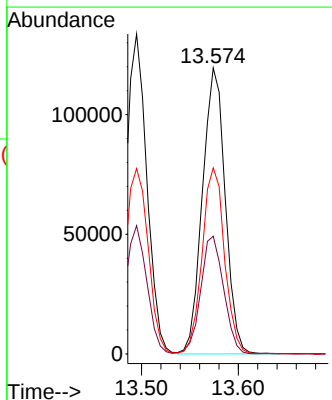
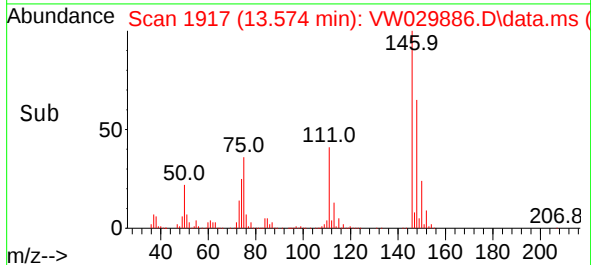
Tgt Ion:146 Resp: 202201
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 58.0 43.4 80.6

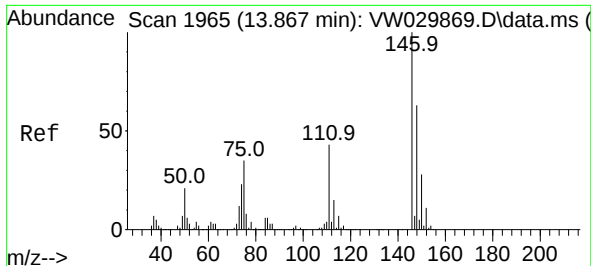


#65
1,4-Dichlorobenzene
Concen: 27.501 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08



Tgt Ion:146 Resp: 195545
Ion Ratio Lower Upper
146 100
111 41.2 30.1 55.9
148 65.0 45.4 84.4

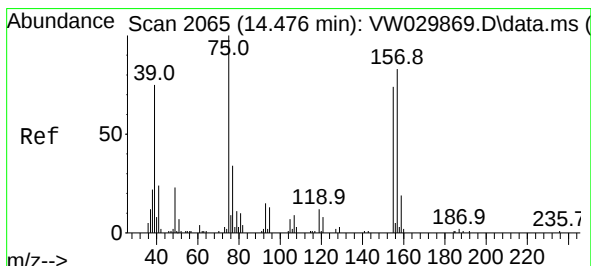
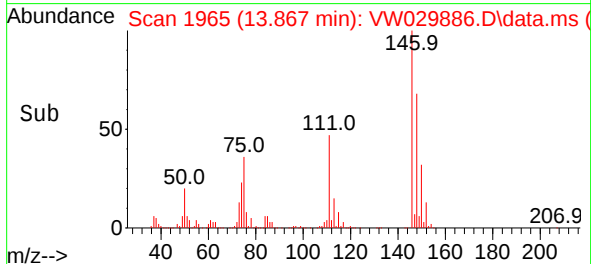
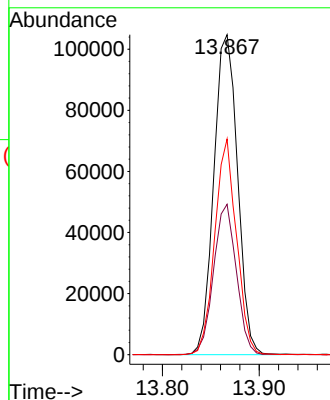
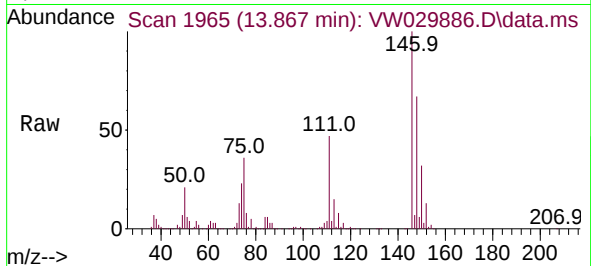




#67
1,2-Dichlorobenzene
Concen: 28.319 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

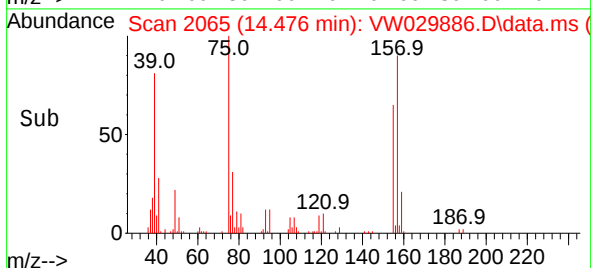
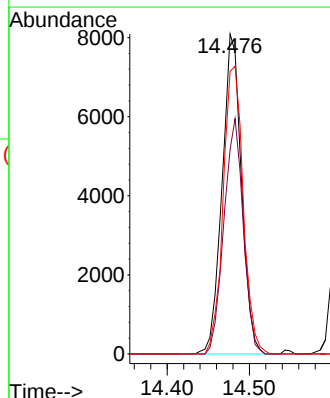
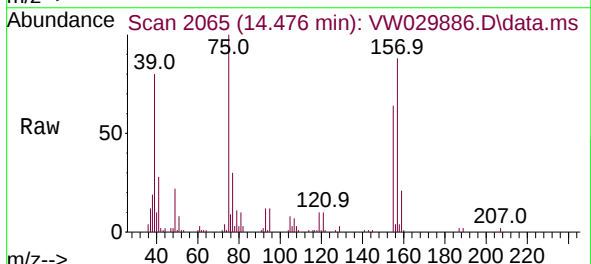
Instrument :
MSVOA_W
ClientSampleId :

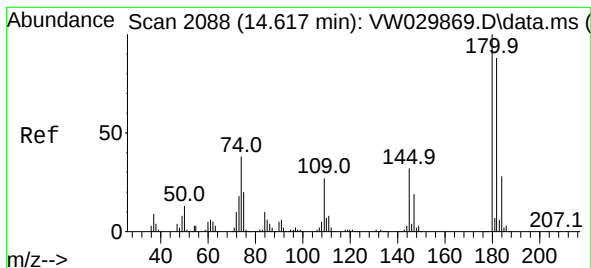
Tgt Ion:146 Resp: 178470
Ion Ratio Lower Upper
146 100
111 47.0 35.8 53.8
148 67.4 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.812 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029886.D
Acq: 12 Aug 2024 12:08

Tgt Ion: 75 Resp: 13208
Ion Ratio Lower Upper
75 100
155 64.0 47.8 71.6
157 88.3 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 28.521 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

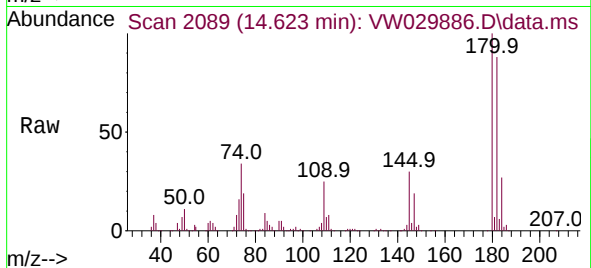
Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 135079

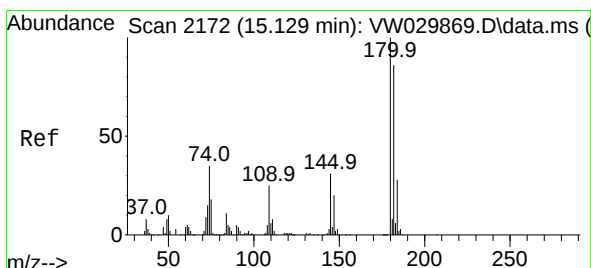
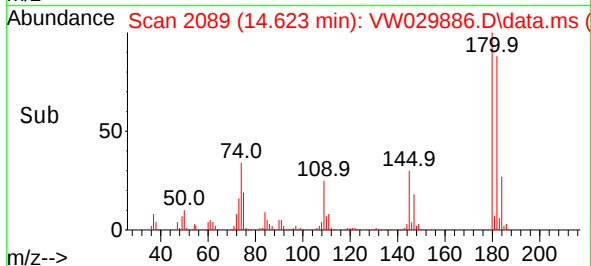
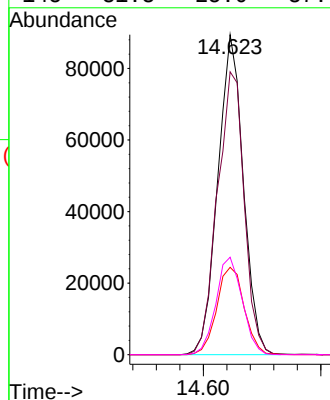
Ion Ratio Lower Upper

180 100

182 92.7 72.7 109.1

184 29.4 23.3 34.9

145 31.3 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.872 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

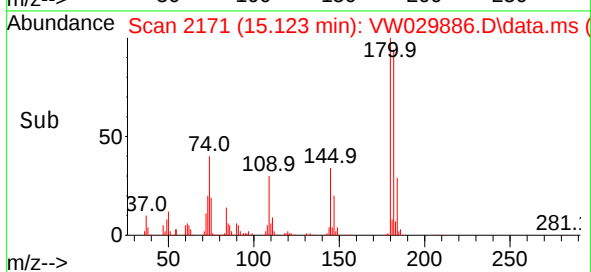
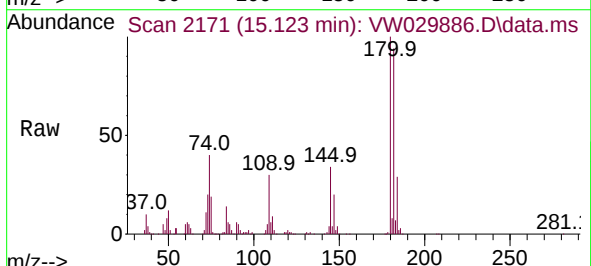
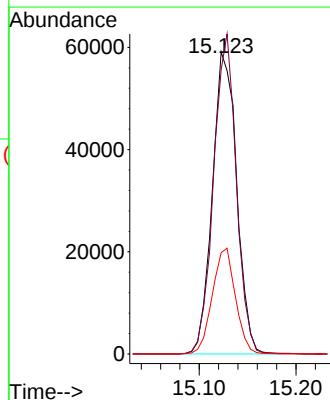
Tgt Ion:180 Resp: 103230

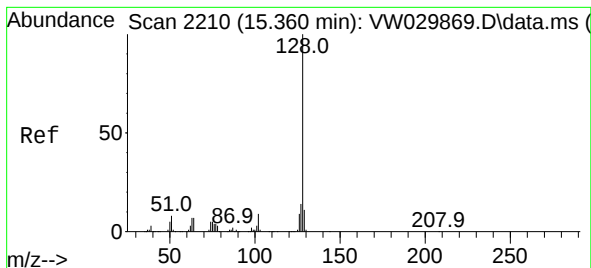
Ion Ratio Lower Upper

180 100

182 98.9 80.2 120.4

145 33.3 26.3 39.5





#71

Naphthalene

Concen: 27.530 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

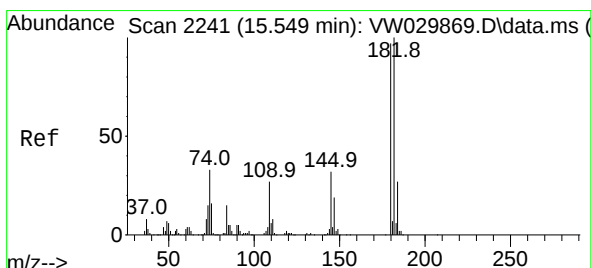
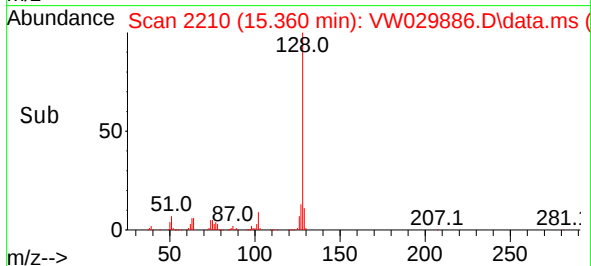
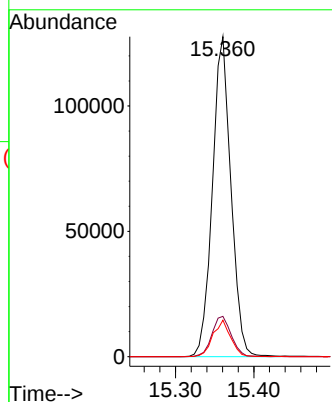
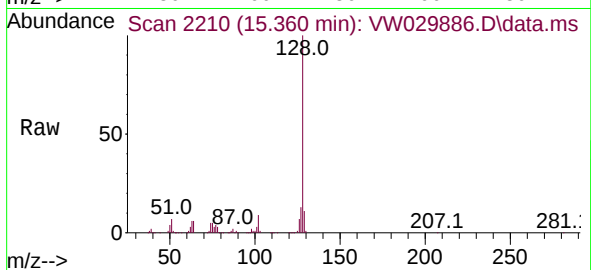
Tgt Ion:128 Resp: 209592

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.510 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029886.D

Acq: 12 Aug 2024 12:08

Tgt Ion:180 Resp: 95736

Ion Ratio Lower Upper

180 100

182 95.1 74.0 111.0

145 34.1 27.5 41.3

