

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030008.D
 Acq On : 23 Aug 2024 14:19
 Operator : SY/MD
 Sample : P3696-01
 Misc : 5.30g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:03:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	63545	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	47120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	10954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19050	21.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
7) Chloroethane-d5	2.893	69	16485	25.595	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	4.021	65	7851	19.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.240%
21) 2-Butanone-d5	7.094	46	10663	43.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.240%
24) Chloroform-d	7.648	84	45525	27.675	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.720%
26) 1,2-Dichloroethane-d4	8.307	65	24988	26.670	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.680%
32) Benzene-d6	8.270	84	74083	29.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.400%
36) 1,2-Dichloropropane-d6	9.276	67	24236	29.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.240%
41) Toluene-d8	10.325	98	47283	20.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.560%
43) trans-1,3-Dichloroprop...	10.575	79	7851	23.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.922	63	6769	50.497	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15550	25.761	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	8024	23.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						Qvalue
8) Chloroethane	2.930	64	374	0.554	ug/L	90
13) Acetone	4.149	43	27427	89.257	ug/L	96
15) Methyl Acetate	4.686	43	3932	7.682	ug/L #	91
16) Methylene chloride	4.917	84	19193	14.448	ug/L	86
22) 2-Butanone	7.191	43	3136	7.965	ug/L	83
37) 1,2-Dichloropropane	9.270	63	2821	3.188	ug/L #	88
39) cis-1,3-Dichloropropene	10.038	75	591	0.459	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	639	1.137	ug/L #	96
42) Toluene	10.386	91	4192	1.272	ug/L	94
48) 2-Hexanone	10.971	43	1046	2.485	ug/L #	96
53) m,p-Xylene	11.837	106	720	0.527	ug/L	90
62) 1,3,5-Trimethylbenzene	13.586	105	950	0.754	ug/L	94
63) 1,2,4-Trimethylbenzene	13.586	105	950	0.705	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	156	0.374	ug/L #	77
71) Naphthalene	15.354	128	3413	4.291	ug/L #	73
72) 1,2,3-Trichlorobenzene	15.556	180	487	1.291	ug/L #	49

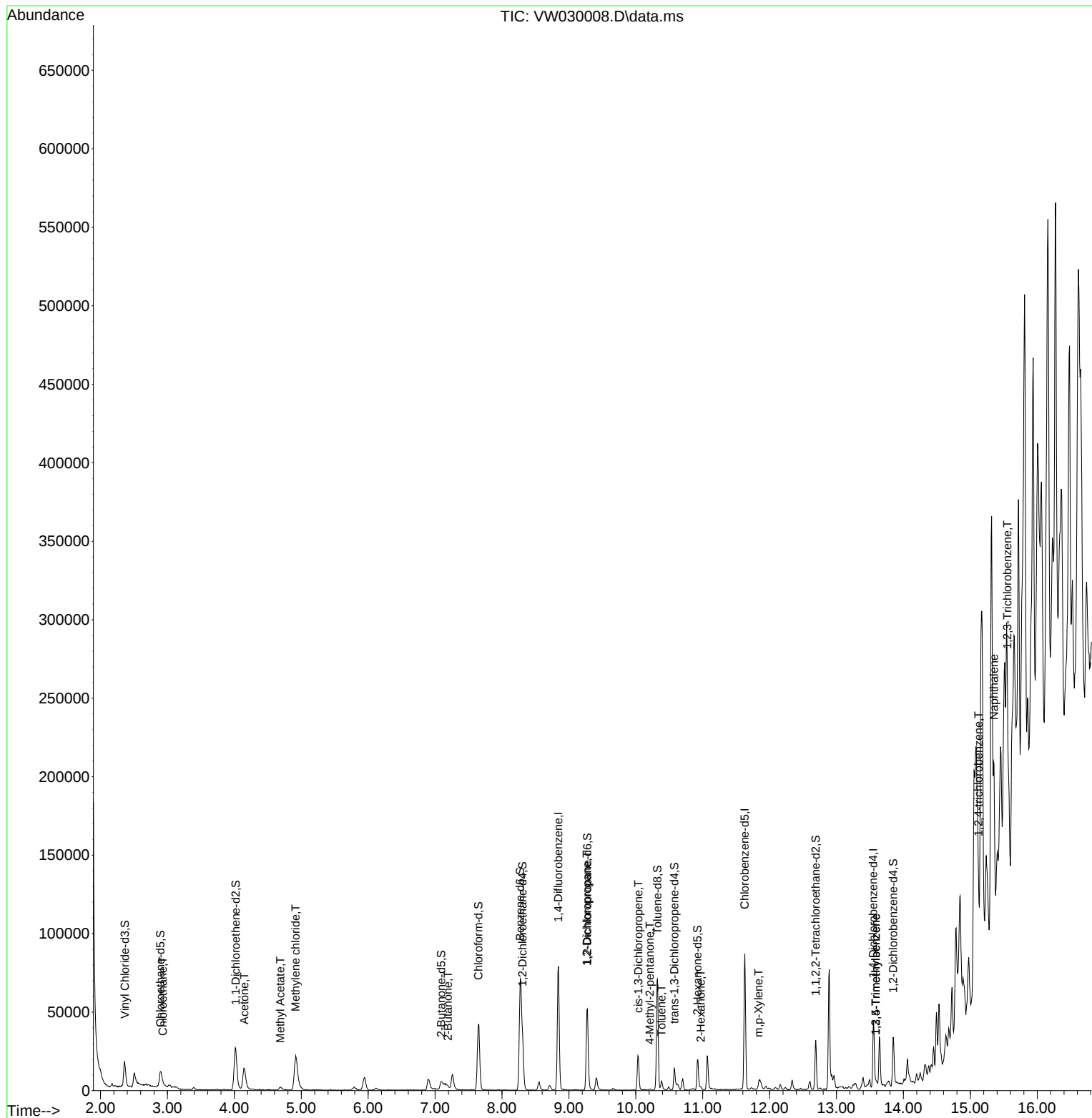
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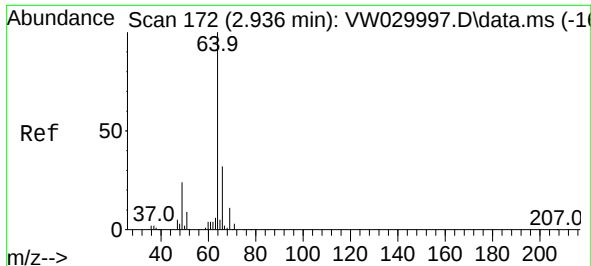
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
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MSVOA_W
ClientSampleId :

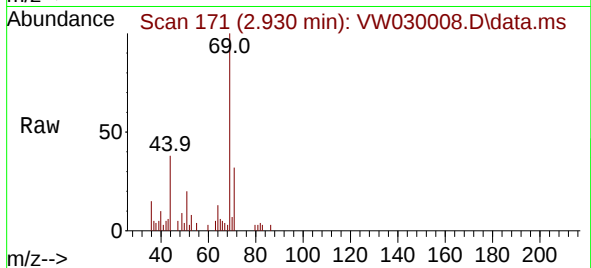
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Quant Title : SFAM01.0
QLast Update : Sat Aug 24 05:00:17 2024
Response via : Initial Calibration



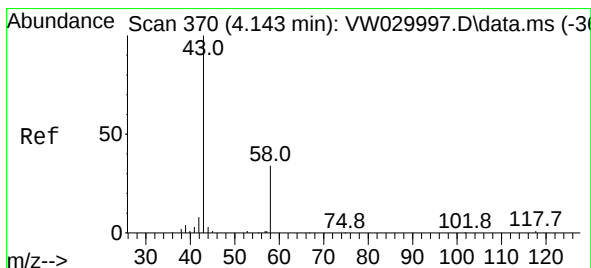
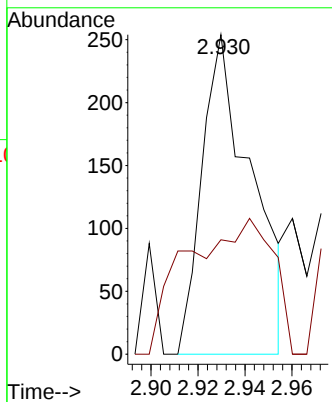
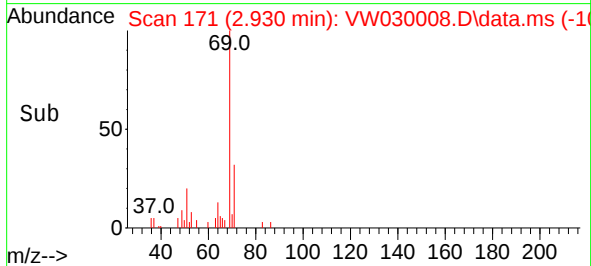


#8
Chloroethane
Concen: 0.554 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030008.D
Acq: 23 Aug 2024 14:19

Instrument :
MSVOA_W
ClientSampleId :

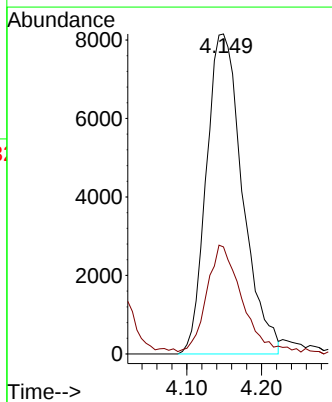
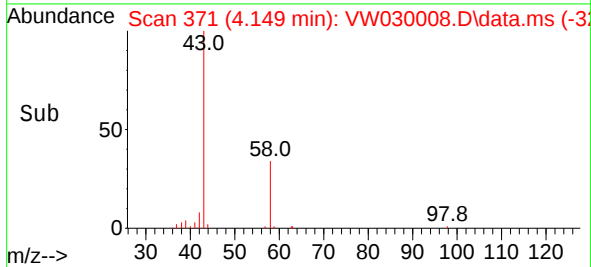
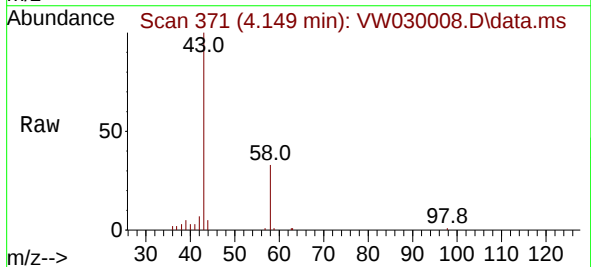


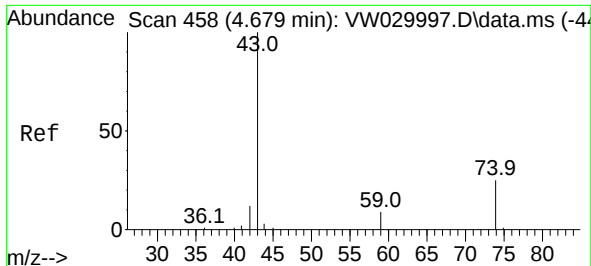
Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 35.8 21.2 39.4



#13
Acetone
Concen: 89.257 ug/L
RT: 4.149 min Scan# 371
Delta R.T. 0.006 min
Lab File: VW030008.D
Acq: 23 Aug 2024 14:19

Tgt Ion: 43 Resp: 27427
Ion Ratio Lower Upper
43 100
58 31.1 0.0 57.6





#15

Methyl Acetate

Concen: 7.682 ug/L

RT: 4.686 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

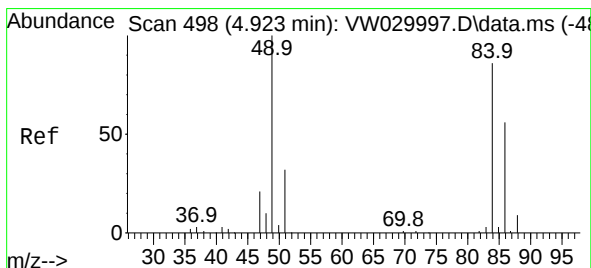
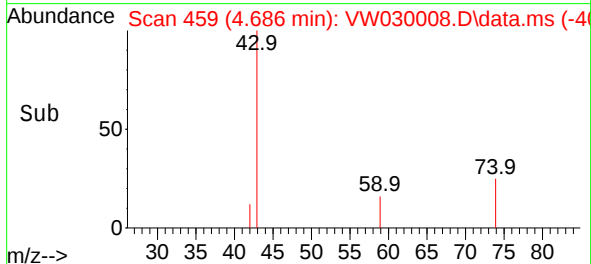
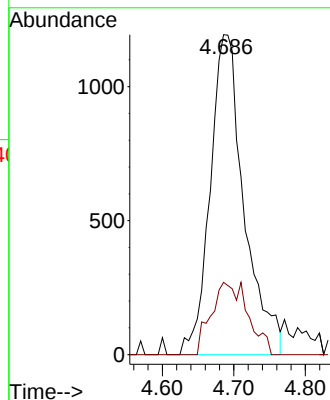
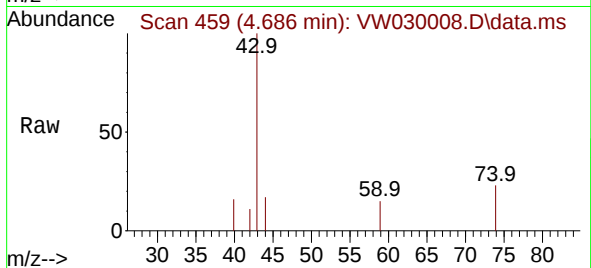
ClientSampleId :

Tgt Ion: 43 Resp: 3932

Ion Ratio Lower Upper

43 100

74 16.4 16.5 24.7#



#16

Methylene chloride

Concen: 14.448 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

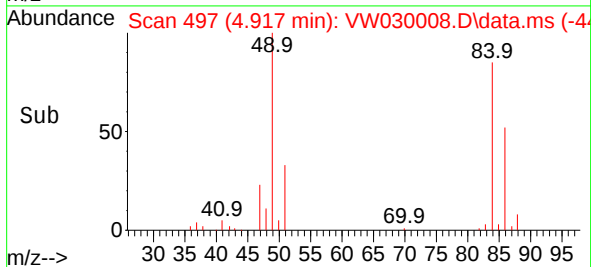
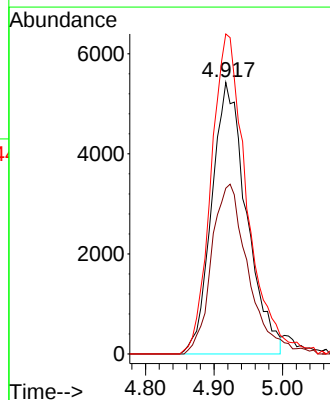
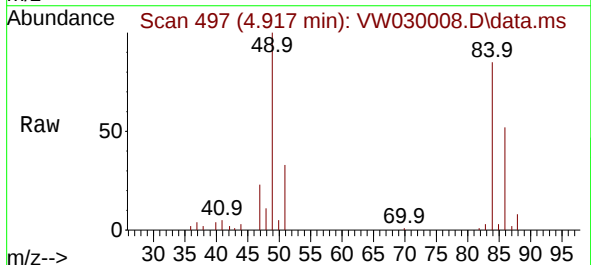
Tgt Ion: 84 Resp: 19193

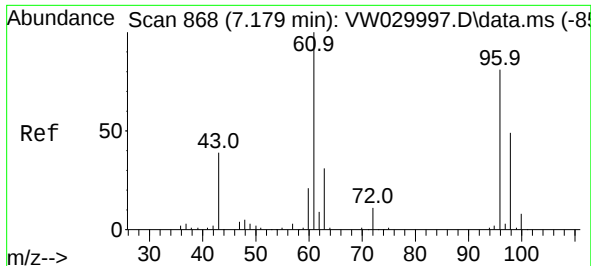
Ion Ratio Lower Upper

84 100

86 61.0 44.7 82.9

49 117.9 99.0 184.0





#22

2-Butanone

Concen: 7.965 ug/L

RT: 7.191 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

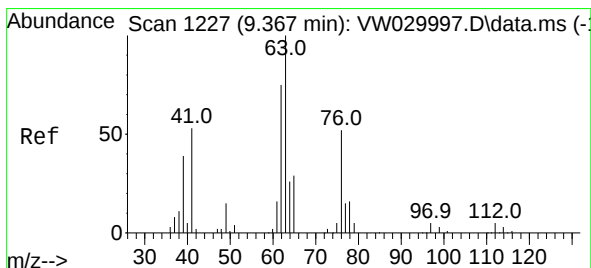
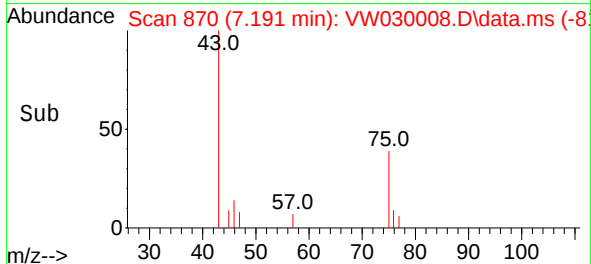
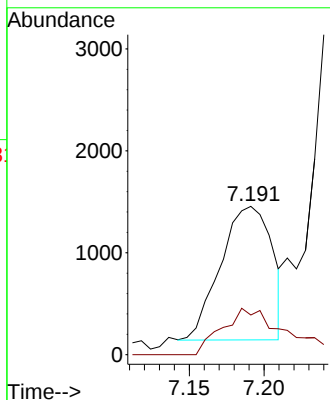
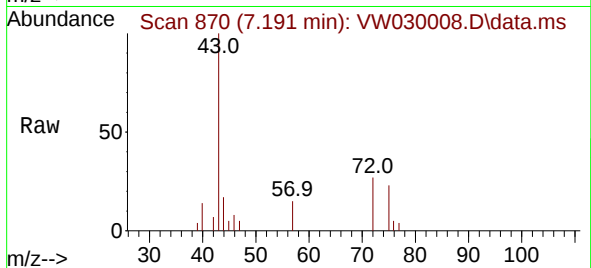
ClientSampleId :

Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

72 31.8 11.7 35.1



#37

1,2-Dichloropropane

Concen: 3.188 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.097 min

Lab File: VW030008.D

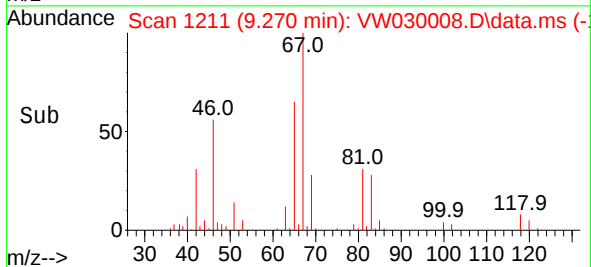
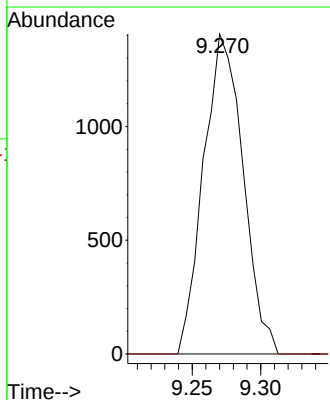
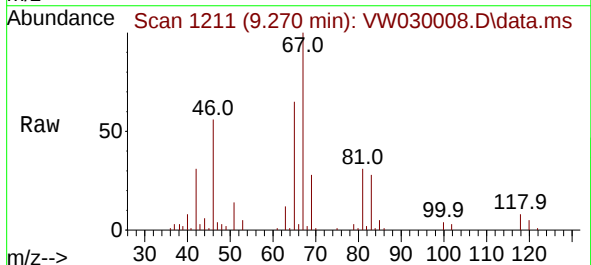
Acq: 23 Aug 2024 14:19

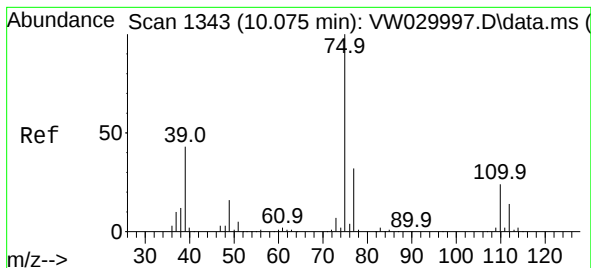
Tgt Ion: 63 Resp: 2821

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.036 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

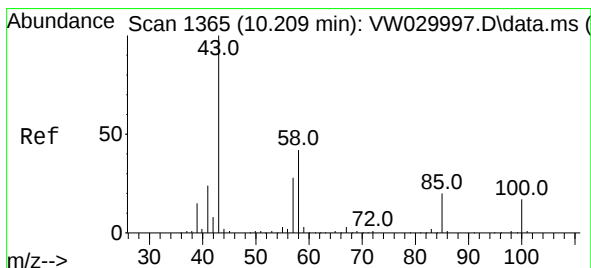
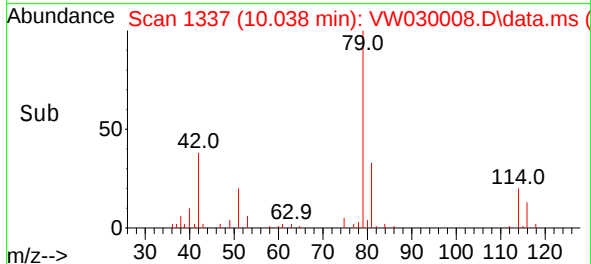
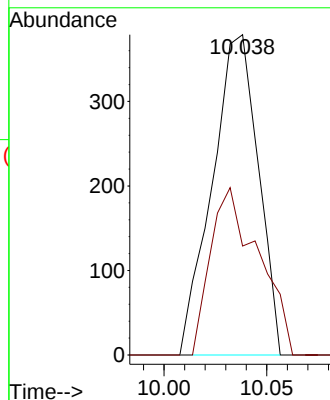
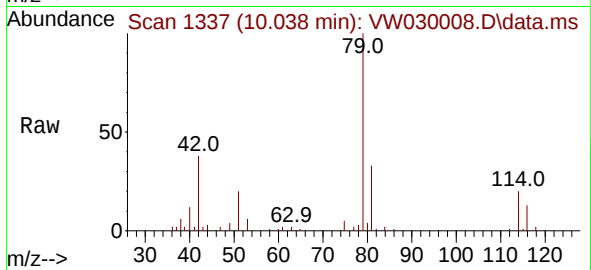
ClientSampleId :

Tgt Ion: 75 Resp: 591

Ion Ratio Lower Upper

75 100

77 34.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 1.137 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

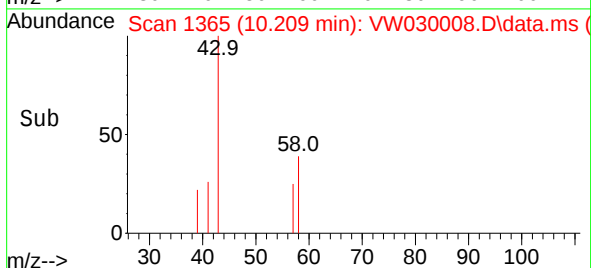
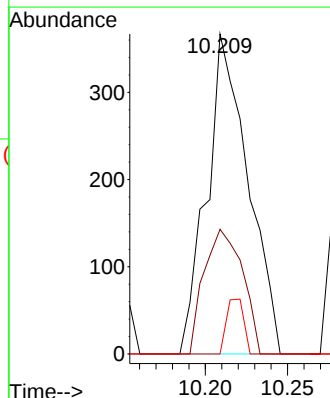
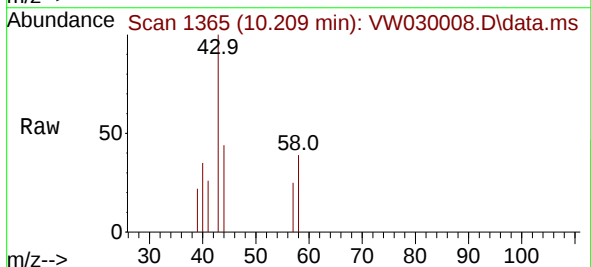
Tgt Ion: 43 Resp: 639

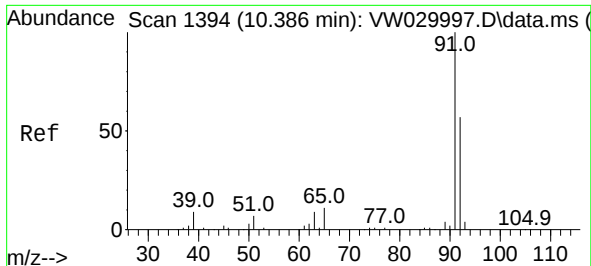
Ion Ratio Lower Upper

43 100

58 36.3 28.7 43.1

100 7.2 10.0 15.0#





#42

Toluene

Concen: 1.272 ug/L

RT: 10.386 min Scan# 1492

Delta R.T. 0.000 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

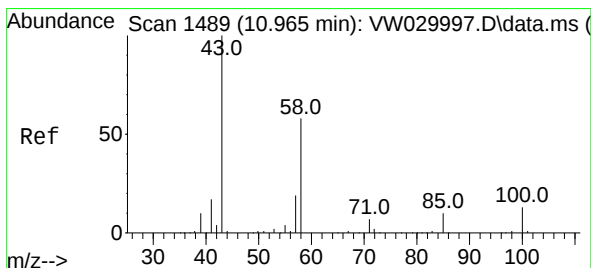
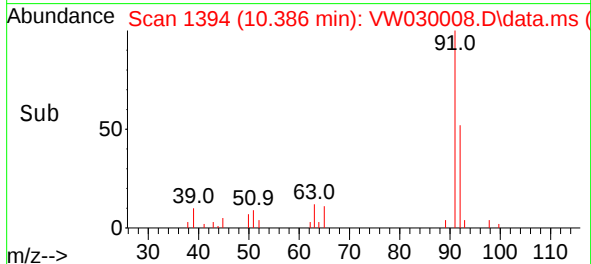
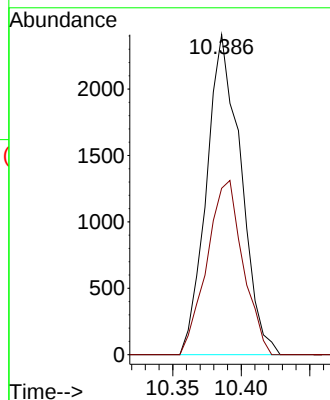
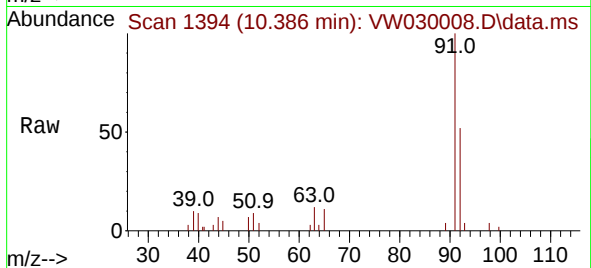
ClientSampleId :

Tgt Ion: 91 Resp: 4192

Ion Ratio Lower Upper

91 100

92 52.0 39.5 73.4



#48

2-Hexanone

Concen: 2.485 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Tgt Ion: 43 Resp: 1046

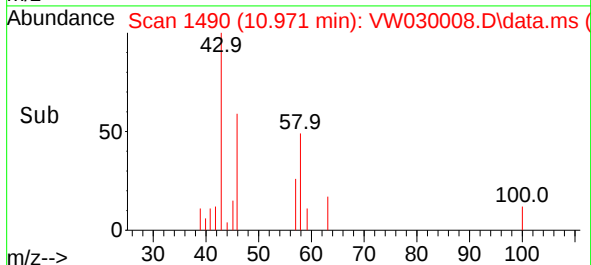
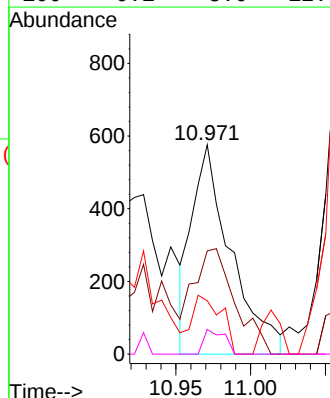
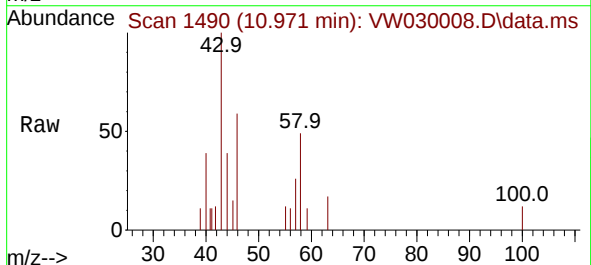
Ion Ratio Lower Upper

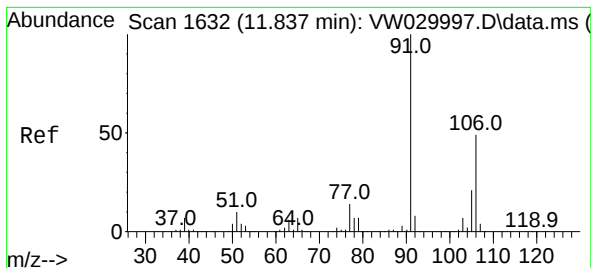
43 100

58 54.1 41.0 61.4

57 16.9 14.1 21.1

100 6.1 8.0 12.0#





#53

m,p-Xylene

Concen: 0.527 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

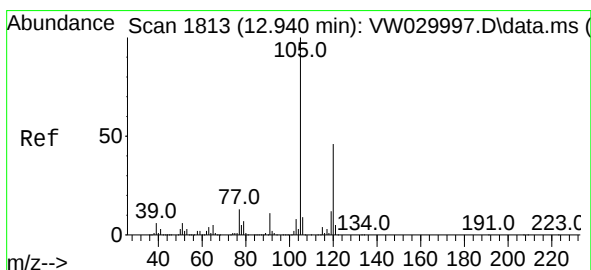
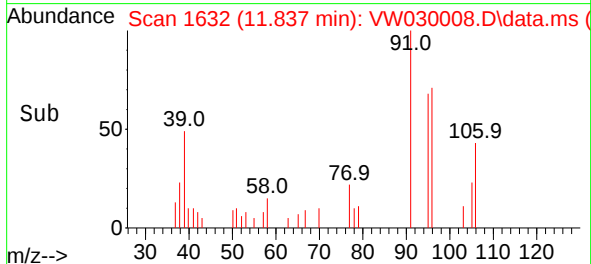
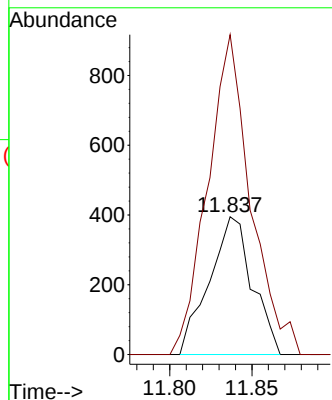
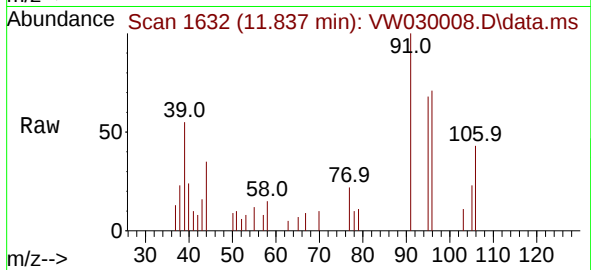
ClientSampleId :

Tgt Ion:106 Resp: 720

Ion Ratio Lower Upper

106 100

91 232.2 151.4 281.2



#62

1,3,5-Trimethylbenzene

Concen: 0.754 ug/L

RT: 13.586 min Scan# 1919

Delta R.T. 0.646 min

Lab File: VW030008.D

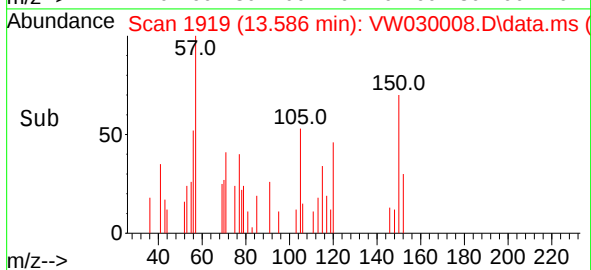
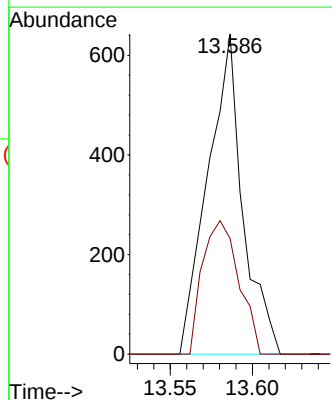
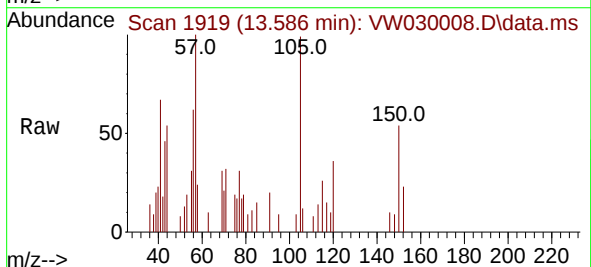
Acq: 23 Aug 2024 14:19

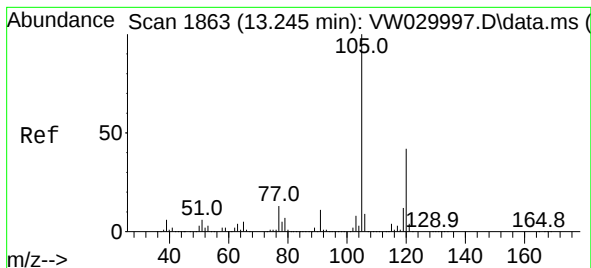
Tgt Ion:105 Resp: 950

Ion Ratio Lower Upper

105 100

120 43.4 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 0.705 ug/L

RT: 13.586 min Scan# 1919

Delta R.T. 0.342 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

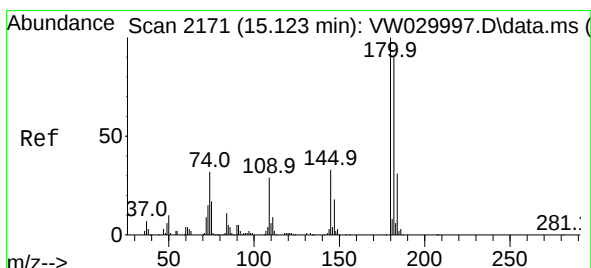
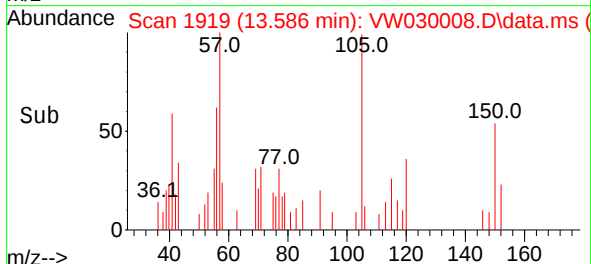
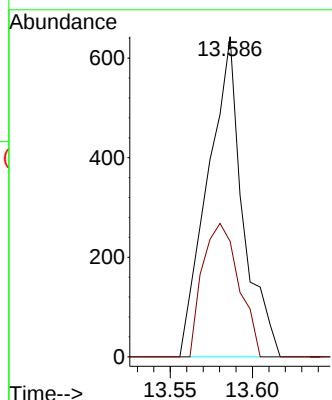
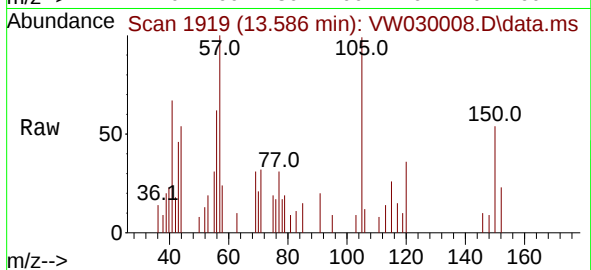
ClientSampleId :

Tgt Ion:105 Resp: 950

Ion Ratio Lower Upper

105 100

120 43.4 35.4 53.0



#70

1,2,4-trichlorobenzene

Concen: 0.374 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

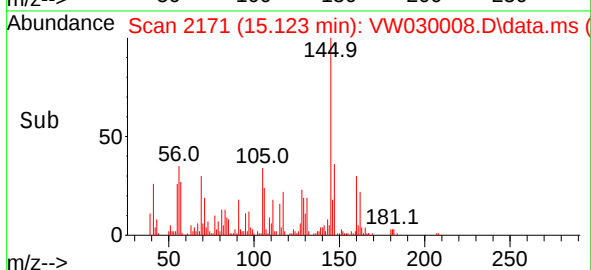
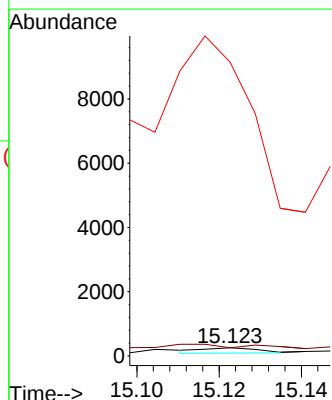
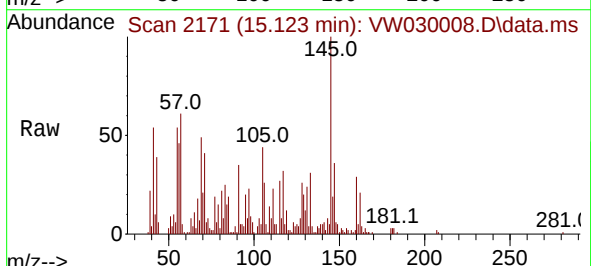
Tgt Ion:180 Resp: 156

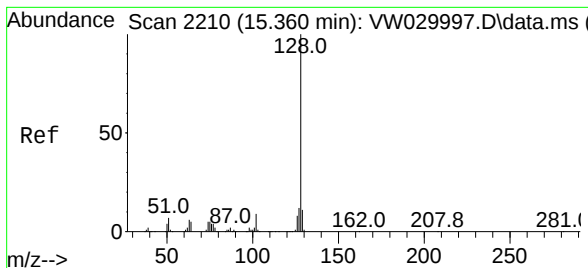
Ion Ratio Lower Upper

180 100

182 89.1 80.2 120.4

145 0.0 26.3 39.5#





#71

Naphthalene

Concen: 4.291 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Instrument :

MSVOA_W

ClientSampleId :

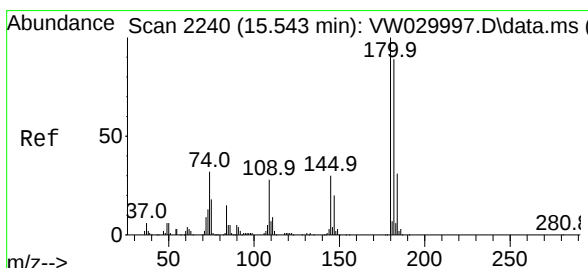
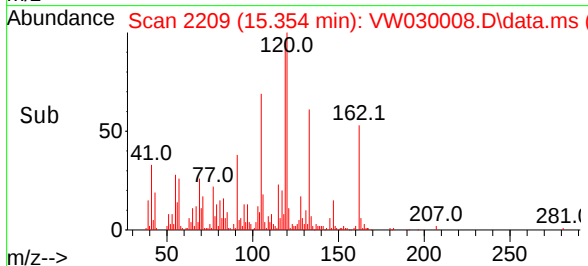
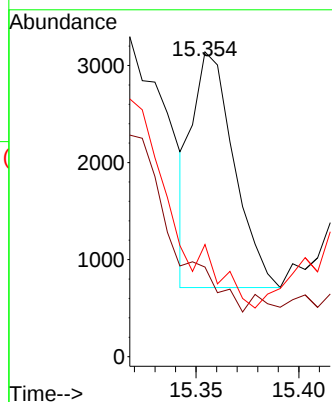
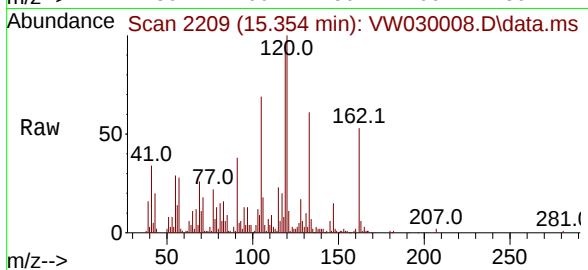
Tgt Ion:128 Resp: 3413

Ion Ratio Lower Upper

128 100

127 3.4 10.7 16.1#

129 0.0 8.9 13.3#



#72

1,2,3-Trichlorobenzene

Concen: 1.291 ug/L

RT: 15.556 min Scan# 2242

Delta R.T. 0.012 min

Lab File: VW030008.D

Acq: 23 Aug 2024 14:19

Tgt Ion:180 Resp: 487

Ion Ratio Lower Upper

180 100

182 47.4 74.0 111.0#

145 0.0 27.5 41.3#

