

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027783.D
 Acq On : 19 Dec 2023 16:46
 Operator : SY/MD
 Sample : 05835-21
 Misc : 3.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 22:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

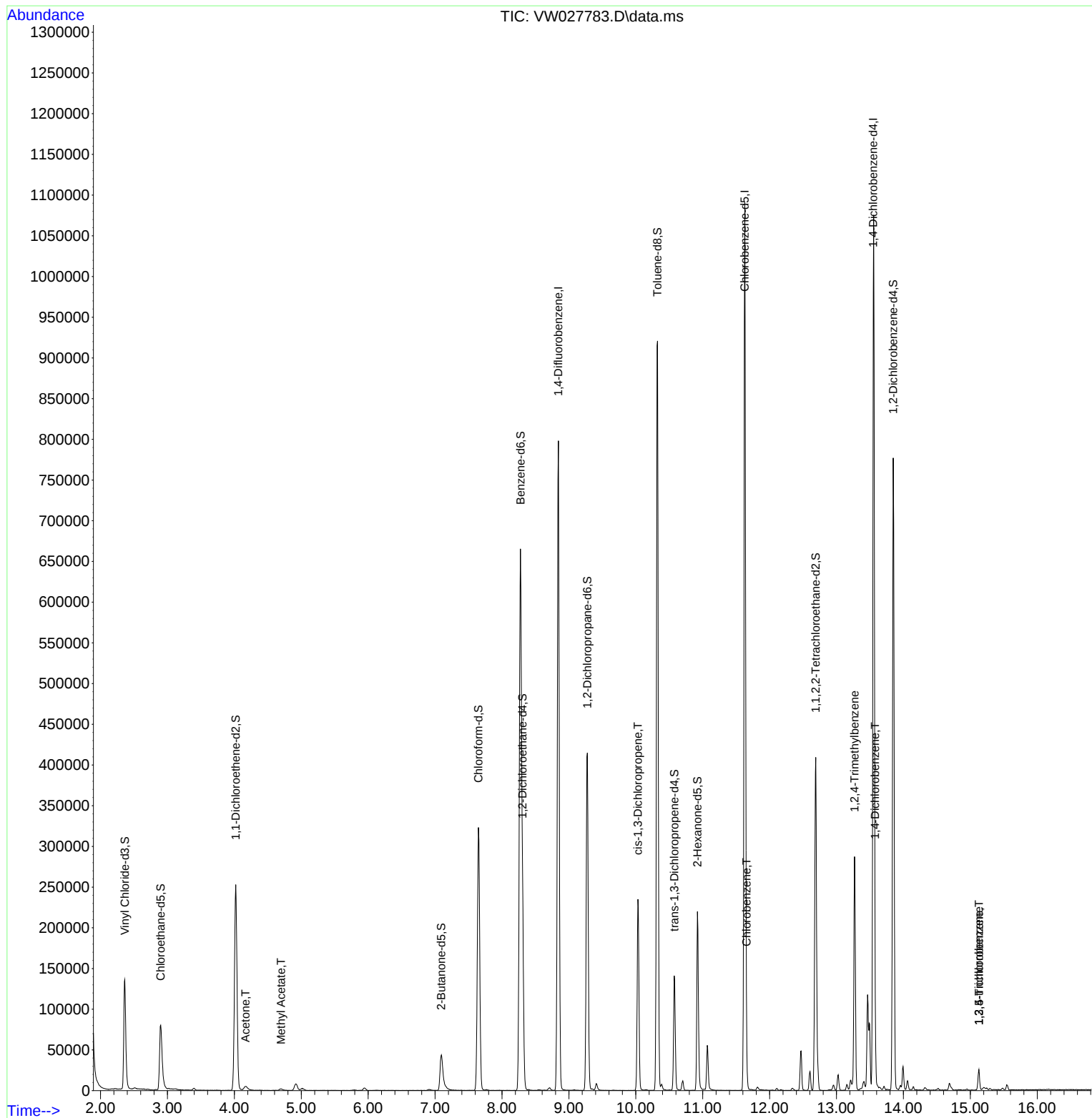
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	718755	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	649521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	296065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	176948	17.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
7) Chloroethane-d5	2.899	69	126991	16.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
11) 1,1-Dichloroethene-d2	4.021	65	75038	18.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.640%
21) 2-Butanone-d5	7.093	46	79038	45.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.200%
24) Chloroform-d	7.648	84	345705	20.213	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.306	65	170899	21.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.120%
32) Benzene-d6	8.276	84	747366	19.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.760%
36) 1,2-Dichloropropane-d6	9.276	67	213059	19.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.240%
41) Toluene-d8	10.324	98	658616	18.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	10.574	79	82944	19.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.680%
47) 2-Hexanone-d5	10.922	63	82651	52.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	178252	21.917	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	211852	19.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.960%
Target Compounds						Qvalue
13) Acetone	4.167	43	11596	7.370	ug/L	91
15) Methyl Acetate	4.697	43	3988	1.403	ug/L	93
39) cis-1,3-Dichloropropene	10.032	75	5468	0.395	ug/L #	79
51) Chlorobenzene	11.653	112	13847	0.535	ug/L	95
63) 1,2,4-Trimethylbenzene	13.269	105	13472	0.410	ug/L #	47
65) 1,4-Dichlorobenzene	13.574	146	27886	1.538	ug/L	94
69) 1,3,5-Trichlorobenzene	15.128	180	8019	0.638	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	8019	0.777	ug/L	93

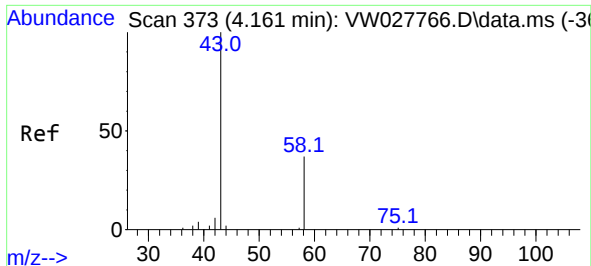
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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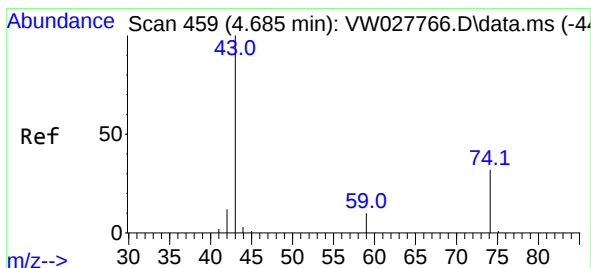
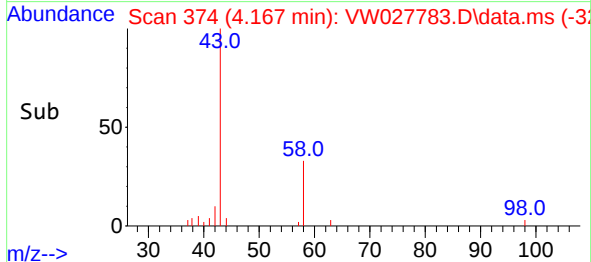
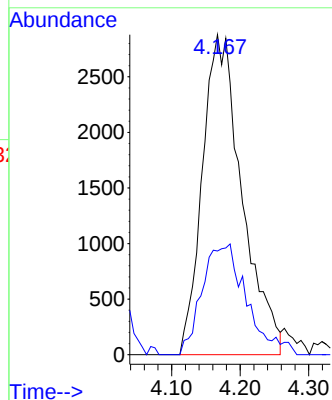
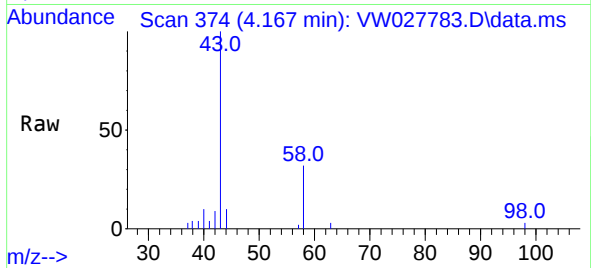




#13
Acetone
Concen: 7.370 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW027783.D
Acq: 19 Dec 2023 16:46

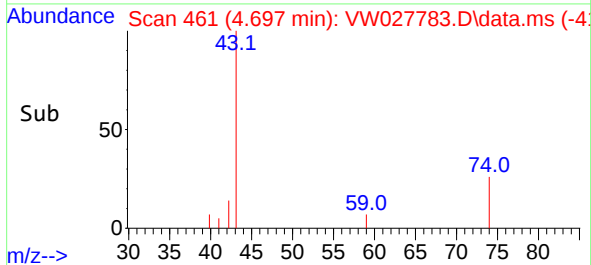
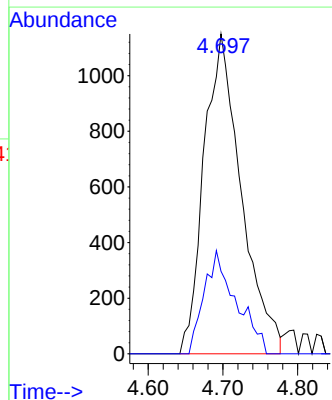
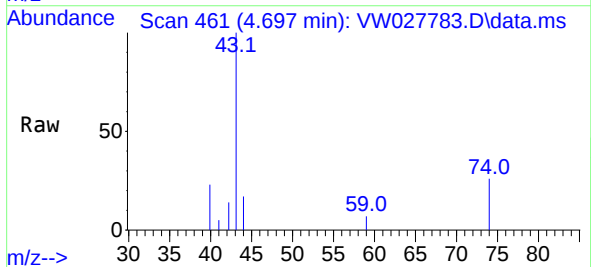
Instrument :
MSVOA_W
ClientSampleId :

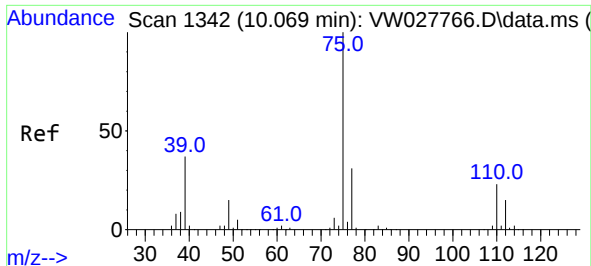
Tgt Ion: 43 Resp: 11596
Ion Ratio Lower Upper
43 100
58 28.9 0.0 68.6



#15
Methyl Acetate
Concen: 1.403 ug/L
RT: 4.697 min Scan# 461
Delta R.T. -0.000 min
Lab File: VW027783.D
Acq: 19 Dec 2023 16:46

Tgt Ion: 43 Resp: 3988
Ion Ratio Lower Upper
43 100
74 23.9 22.1 33.1





#39

cis-1,3-Dichloropropene

Concen: 0.395 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

Instrument :

MSVOA_W

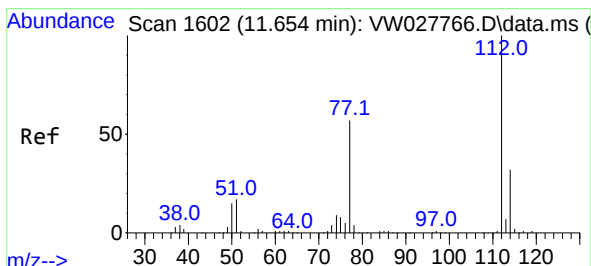
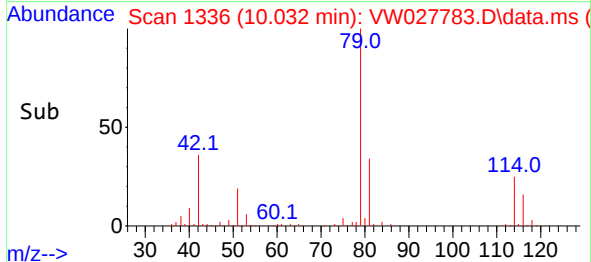
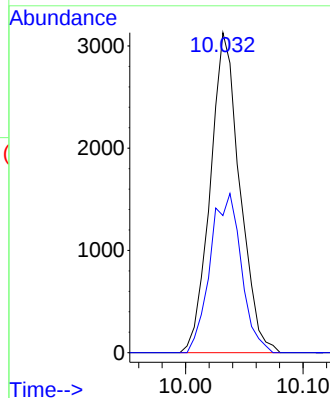
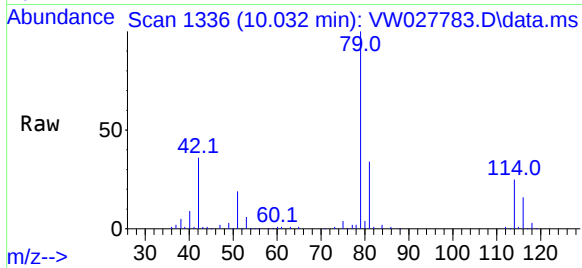
ClientSampleId :

Tgt Ion: 75 Resp: 5468

Ion Ratio Lower Upper

75 100

77 42.8 21.8 40.6#



#51

Chlorobenzene

Concen: 0.535 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

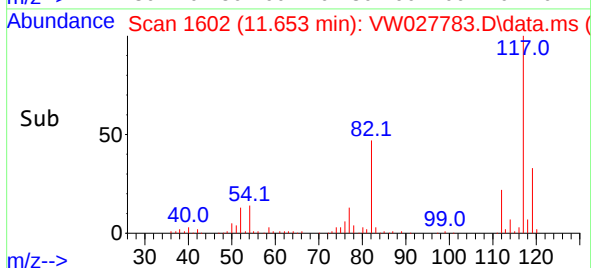
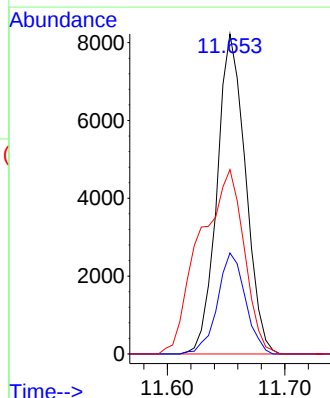
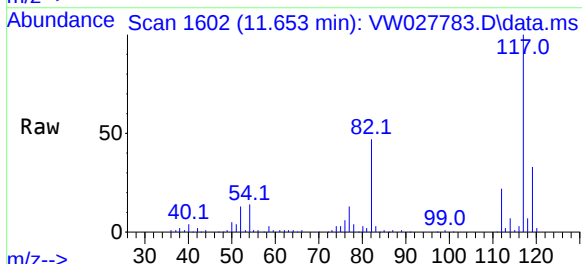
Tgt Ion: 112 Resp: 13847

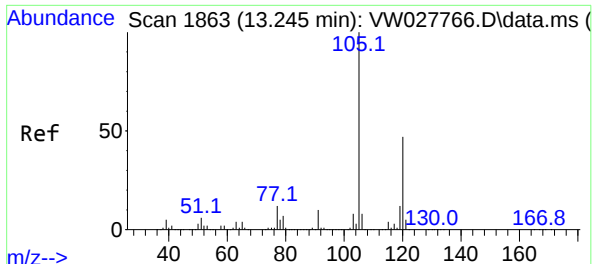
Ion Ratio Lower Upper

112 100

114 31.6 25.0 46.4

77 57.6 48.1 72.1





#63

1,2,4-Trimethylbenzene

Concen: 0.410 ug/L

RT: 13.269 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

Instrument :

MSVOA_W

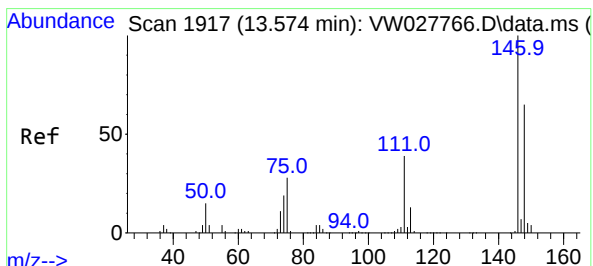
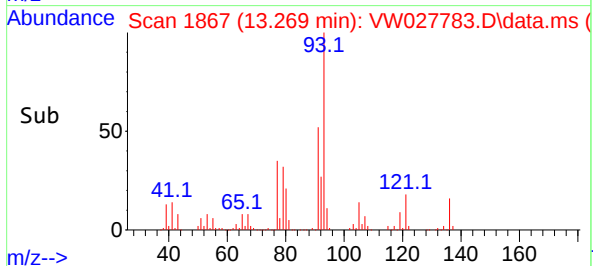
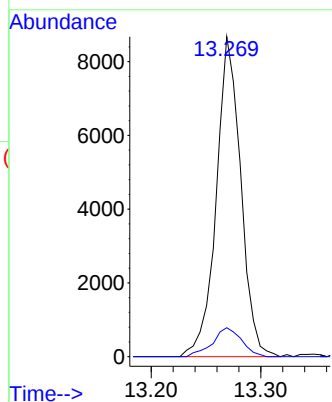
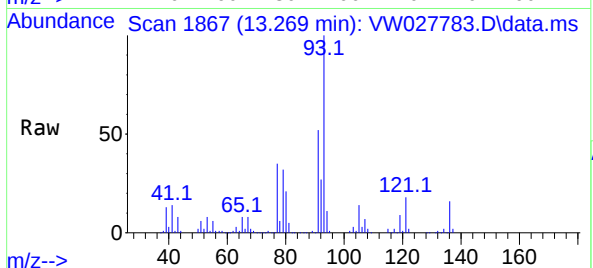
ClientSampleId :

Tgt Ion:105 Resp: 13472

Ion Ratio Lower Upper

105 100

120 10.7 36.4 54.6#



#65

1,4-Dichlorobenzene

Concen: 1.538 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

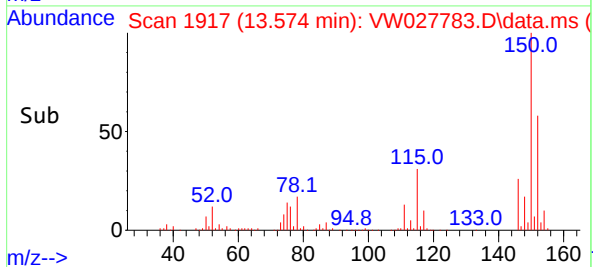
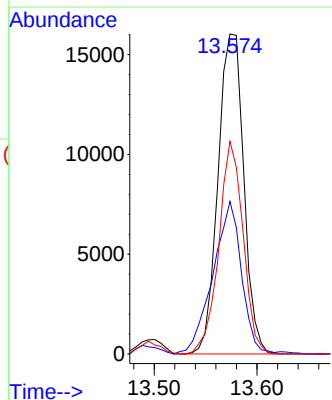
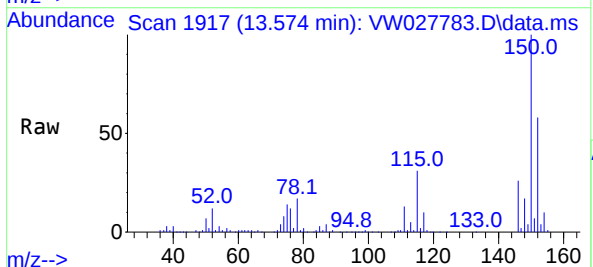
Tgt Ion:146 Resp: 27886

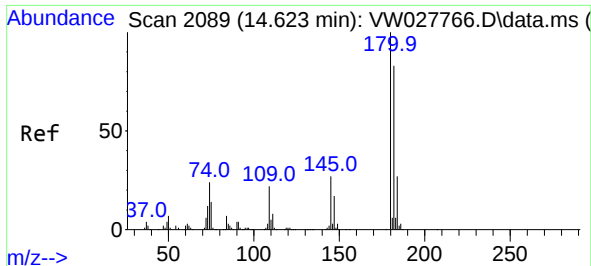
Ion Ratio Lower Upper

146 100

111 47.7 26.2 48.6

148 66.4 46.3 85.9





#69

1,3,5-Trichlorobenzene

Concen: 0.638 ug/L

RT: 15.128 min Scan# 2112

Delta R.T. 0.512 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 8019

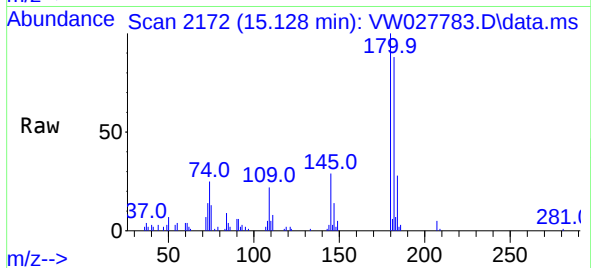
Ion Ratio Lower Upper

180 100

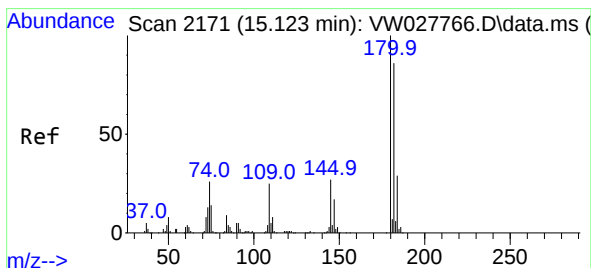
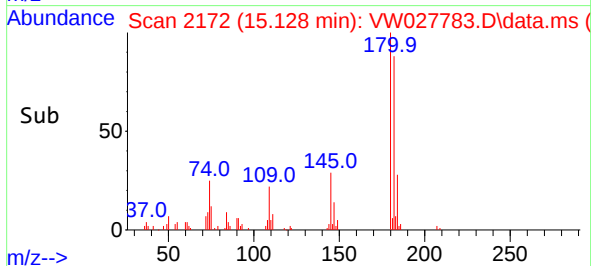
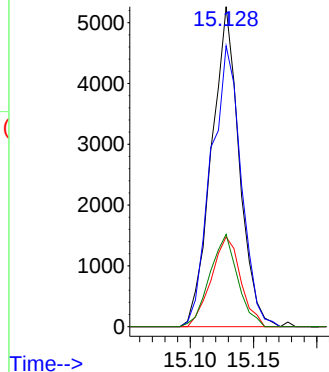
182 95.1 72.6 109.0

184 29.7 23.0 34.6

145 29.0 23.0 34.6



Abundance



#70

1,2,4-trichlorobenzene

Concen: 0.777 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027783.D

Acq: 19 Dec 2023 16:46

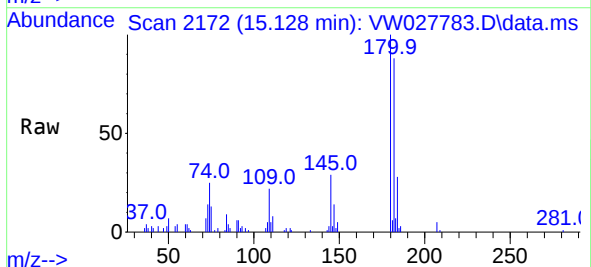
Tgt Ion:180 Resp: 8019

Ion Ratio Lower Upper

180 100

182 95.1 69.7 104.5

145 29.0 24.1 36.1



Abundance

