

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055520.D
 Acq On : 26 Sep 2023 16:39
 Operator : MD/SY
 Sample : 04610-02 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:50:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

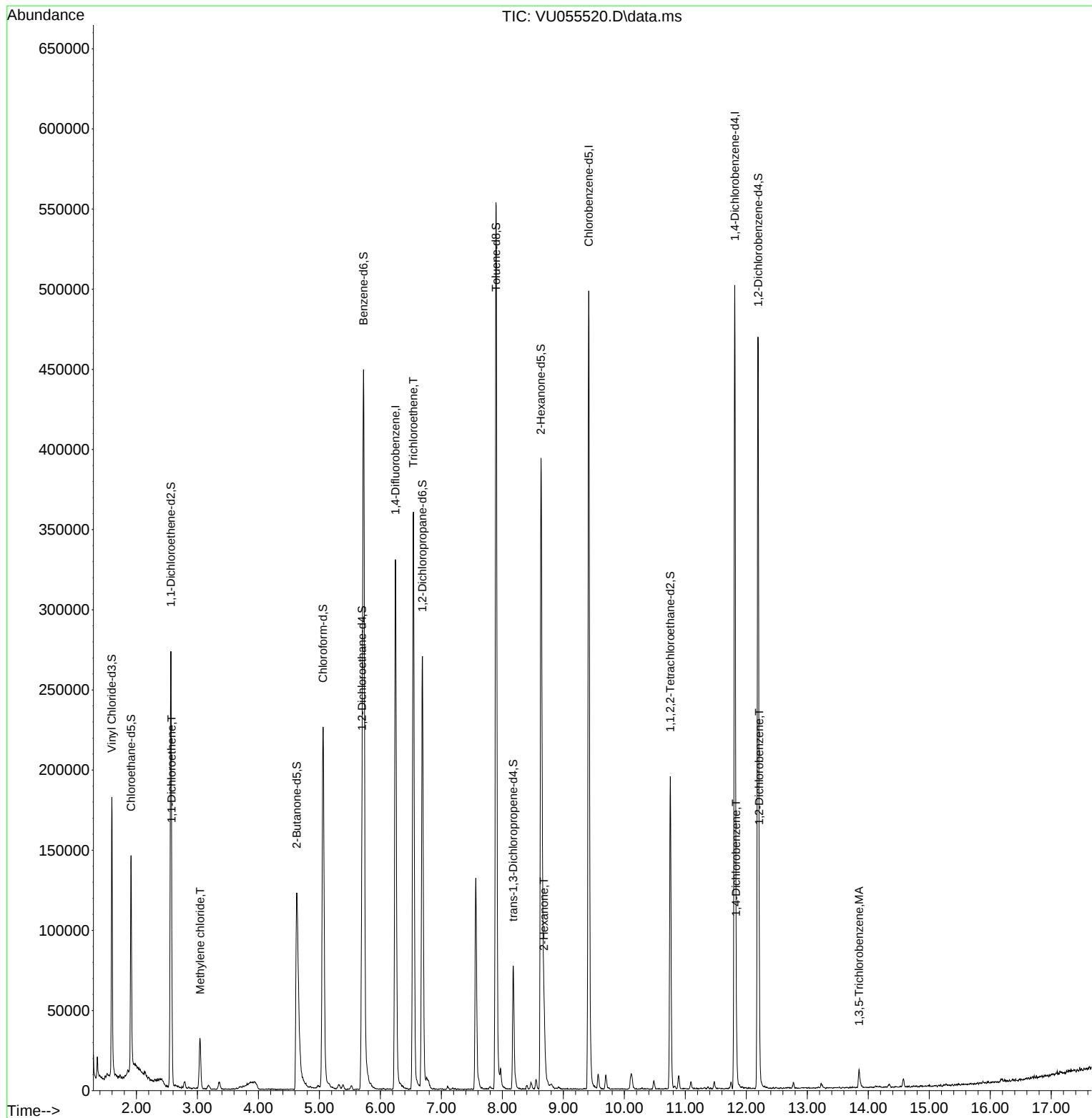
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	277764	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	290277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	138770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	124299	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	96112	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.563	65	49919	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	223877	44.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.300%
24) Chloroform-d	5.058	84	220625	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	105357	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.724	84	444985	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	134605	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.898	98	388686	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.177	79	48333	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	129074	39.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97076	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	129405	4.620	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2532	0.130	ug/L #	1
16) Methylene chloride	3.042	84	16015	0.688	ug/L	89
34) Trichloroethene	6.541	95	132939	5.625	ug/L	94
48) 2-Hexanone	8.682	43	22840	2.973	ug/L #	89
65) 1,4-Dichlorobenzene	11.833	146	6066	0.159	ug/L	84
67) 1,2-Dichlorobenzene	12.209	146	5839	0.166	ug/L	89
69) 1,3,5-Trichlorobenzene	13.849	180	5086	0.193	ug/L	91

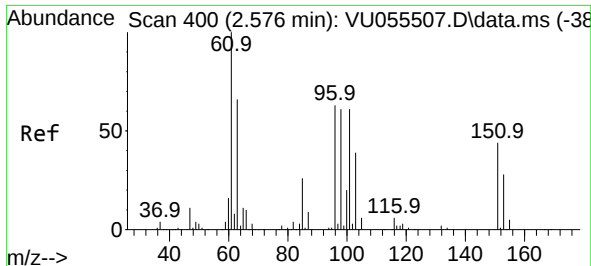
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 27 04:44:22 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.130 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :

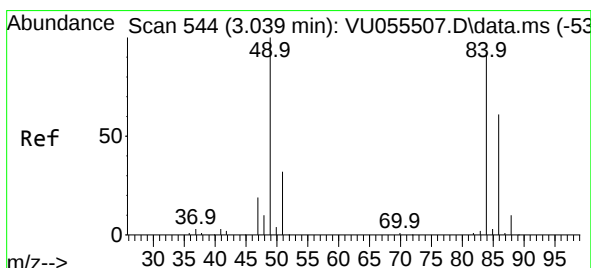
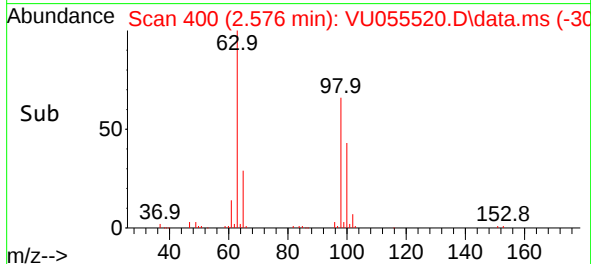
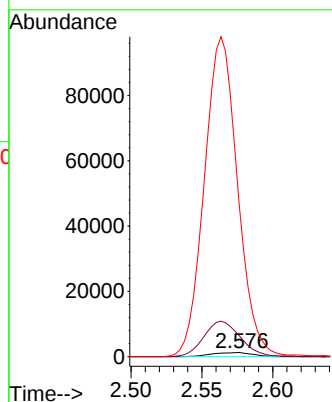
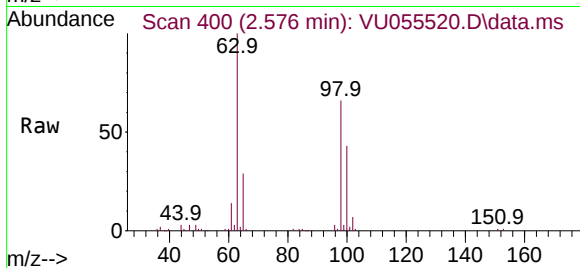
Tgt Ion: 96 Resp: 2532

Ion Ratio Lower Upper

96 100

61 512.9 114.5 212.7#

63 3728.9 98.3 182.5#



#16

Methylene chloride

Concen: 0.688 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

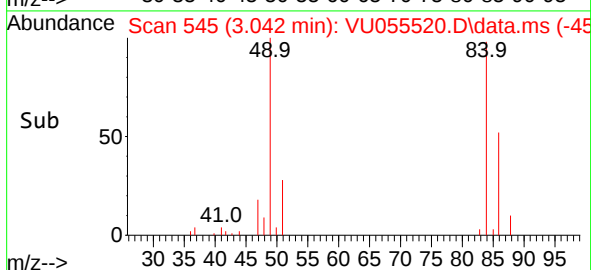
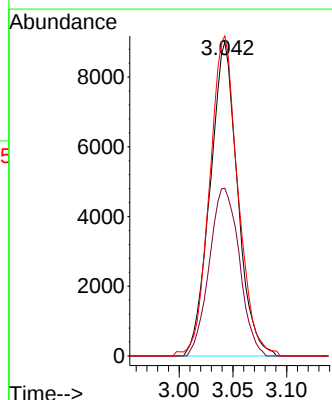
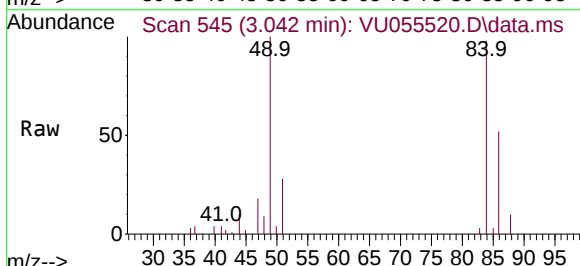
Tgt Ion: 84 Resp: 16015

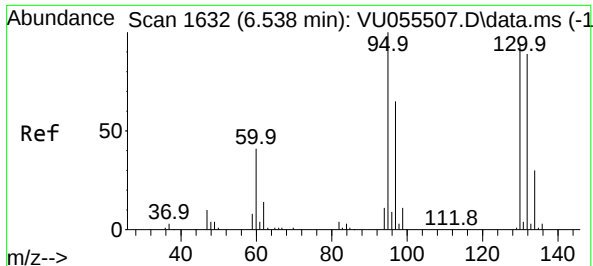
Ion Ratio Lower Upper

84 100

86 53.4 44.9 83.3

49 101.9 78.8 146.3





#34

Trichloroethene

Concen: 5.625 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 132939

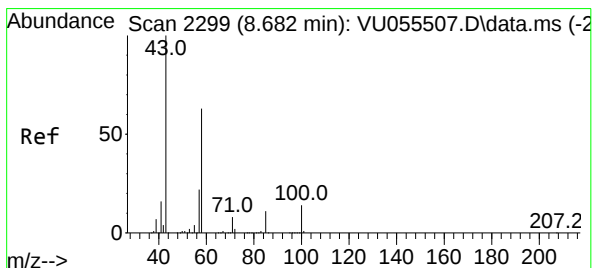
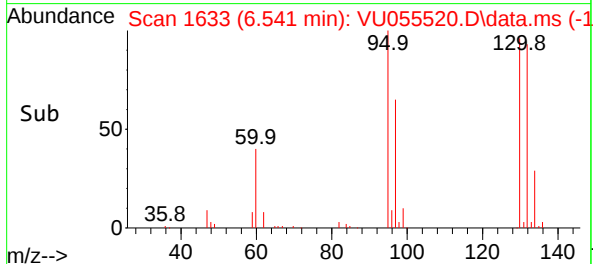
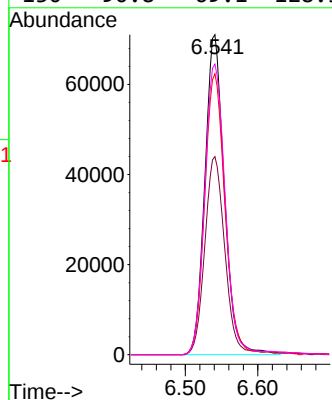
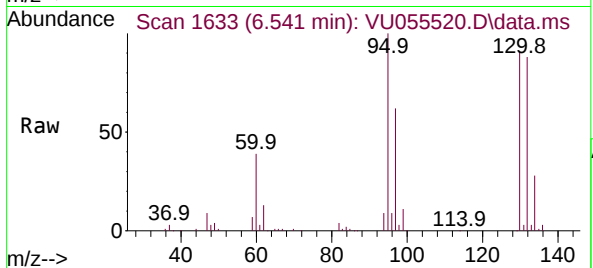
Ion Ratio Lower Upper

95 100

97 61.9 45.4 84.2

132 87.8 65.2 121.2

130 90.8 69.1 128.3



#48

2-Hexanone

Concen: 2.973 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

Tgt Ion: 43 Resp: 22840

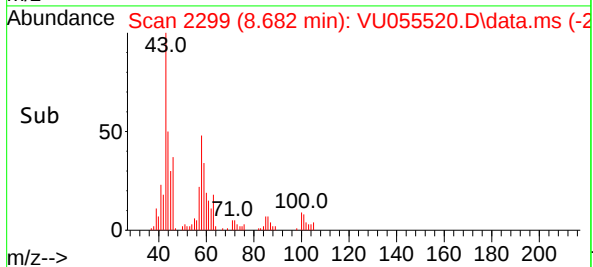
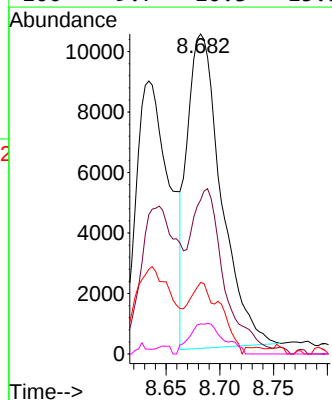
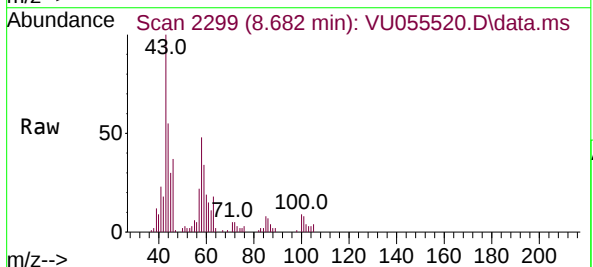
Ion Ratio Lower Upper

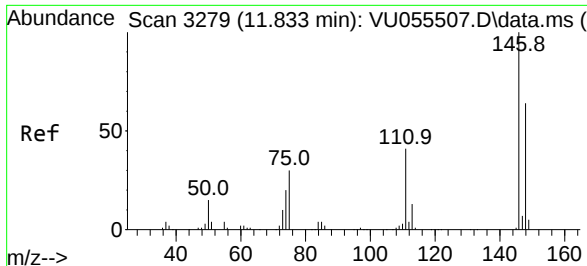
43 100

58 49.0 48.5 72.7

57 21.1 17.0 25.4

100 9.7 10.3 15.5#





#65

1,4-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :

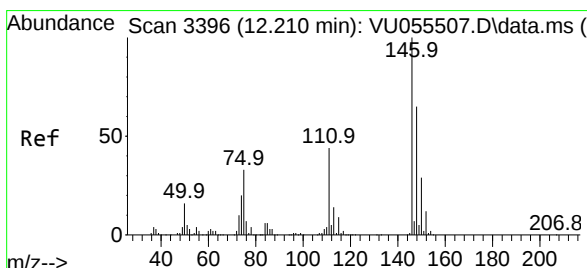
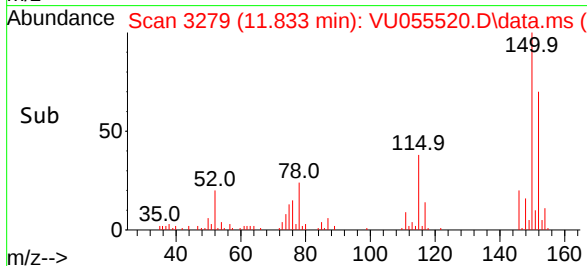
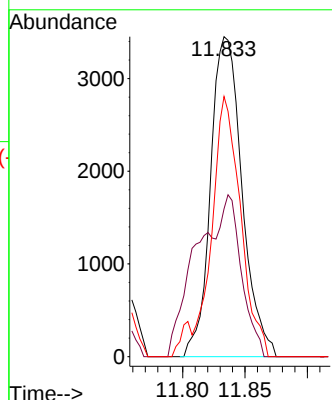
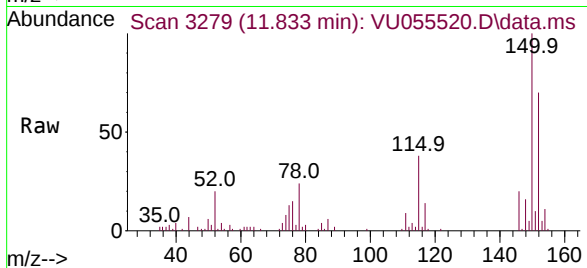
Tgt Ion:146 Resp: 6066

Ion Ratio Lower Upper

146 100

111 46.2 29.0 53.8

148 81.3 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 0.166 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

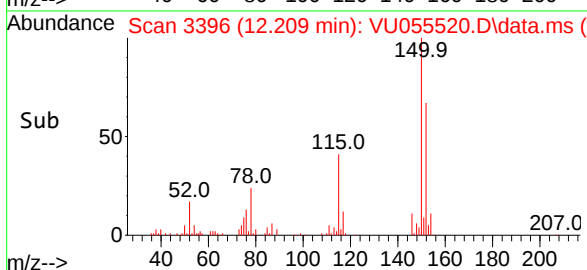
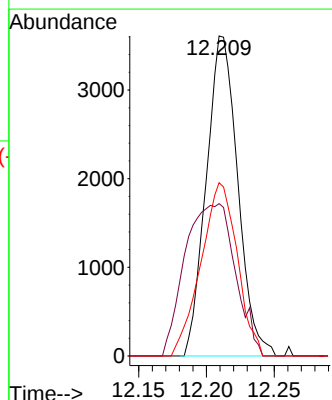
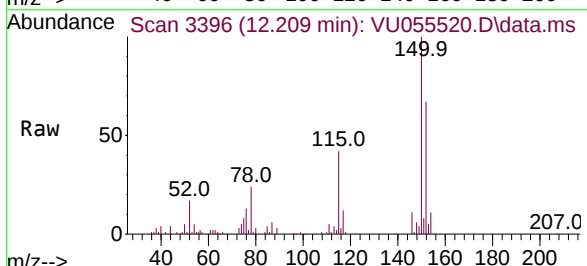
Tgt Ion:146 Resp: 5839

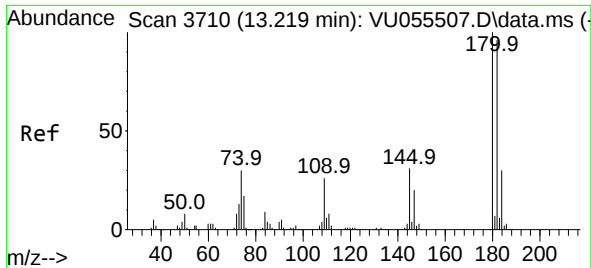
Ion Ratio Lower Upper

146 100

111 47.6 34.6 52.0

148 54.2 51.8 77.8





#69

1,3,5-Trichlorobenzene

Concen: 0.193 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.630 min

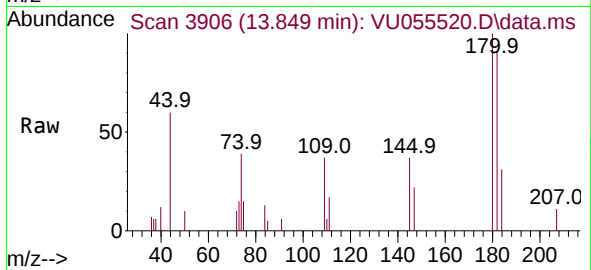
Lab File: VU055520.D

Acq: 26 Sep 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5086

Ion Ratio Lower Upper

180 100

182 83.5 77.1 115.7

184 30.9 24.0 36.0

145 30.6 25.2 37.8

