

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056882.D
 Acq On : 15 Dec 2023 16:23
 Operator : MD/SY
 Sample : 05799-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 22:26:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

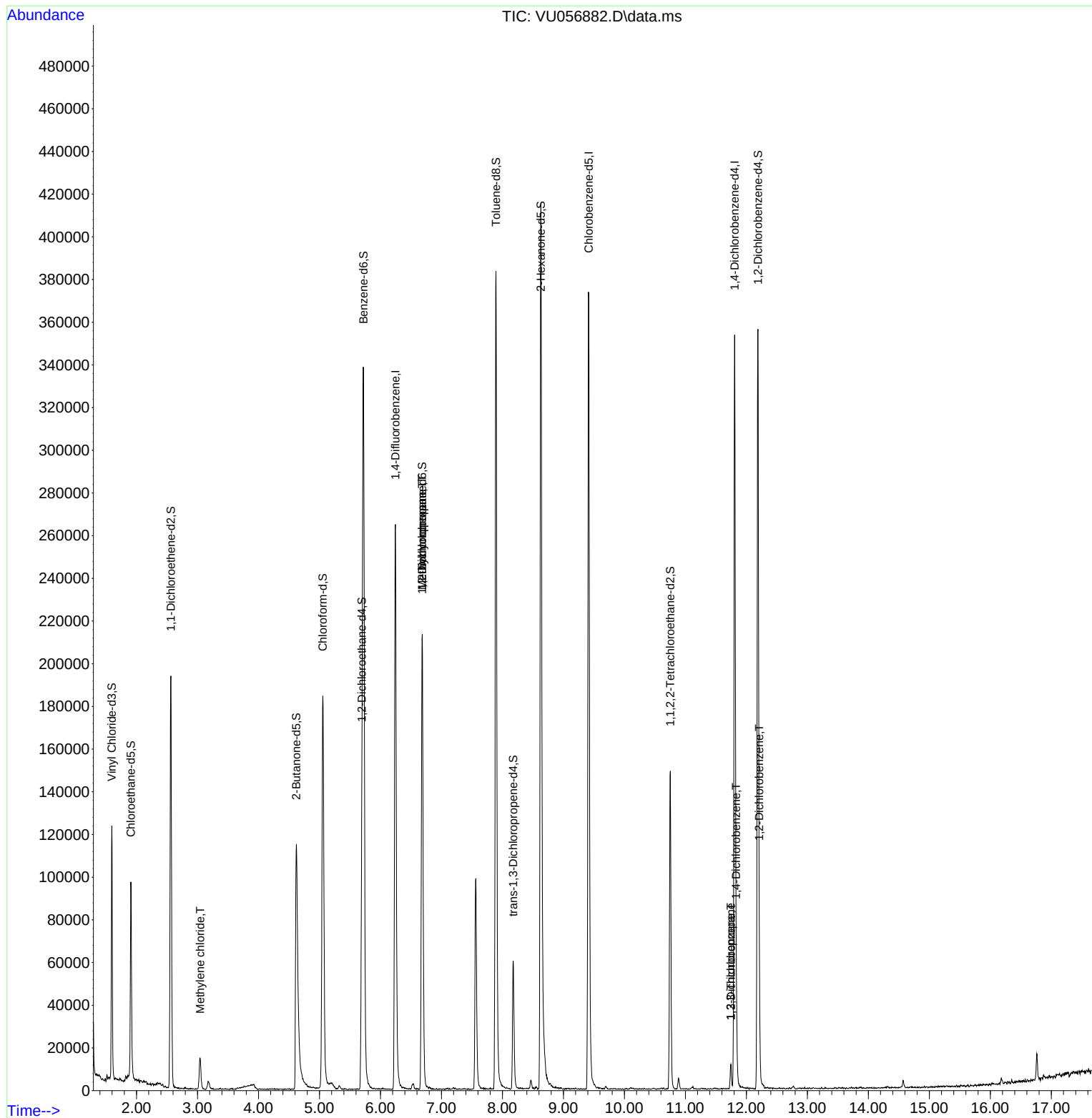
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	217435	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	221858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84123	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.907	69	68414	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.563	65	37067	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.621	46	191143	51.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.860%
24) Chloroform-d	5.055	84	177048	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	84502	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	329579	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	106616	4.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	268359	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	36096	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.631	63	146393	46.469	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	76721	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	92917	5.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	8105	0.421	ug/L	96
35) Methylcyclohexane	6.685	83	25620	0.812	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11514	0.577	ug/L #	88
61) 1,2,3-Trichloropropane	11.746	75	1563	0.156	ug/L #	43
64) 1,3-Dichlorobenzene	11.746	146	4998	0.143	ug/L	89
65) 1,4-Dichlorobenzene	11.833	146	14219	0.414	ug/L	89
67) 1,2-Dichlorobenzene	12.209	146	14548	0.458	ug/L	92

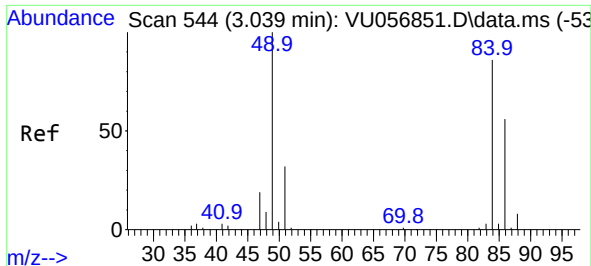
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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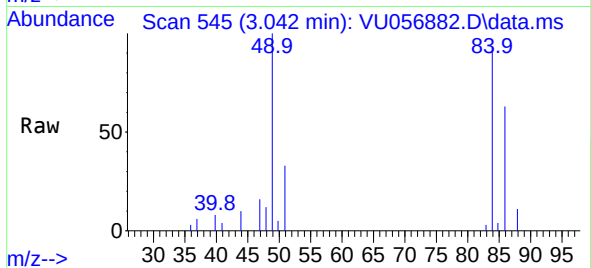
Quant Time: Dec 15 22:26:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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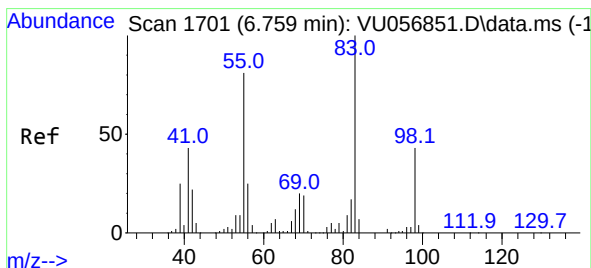
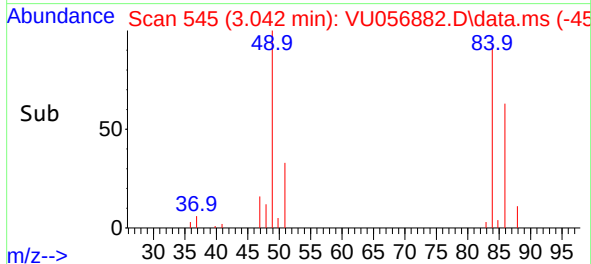
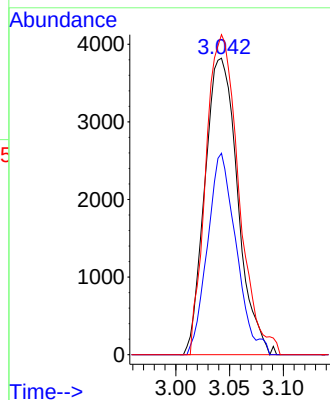


#16
Methylene chloride
Concen: 0.421 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

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MSVOA_U
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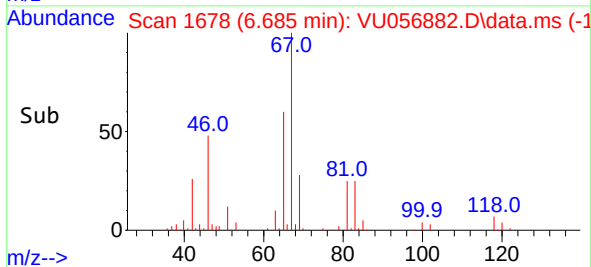
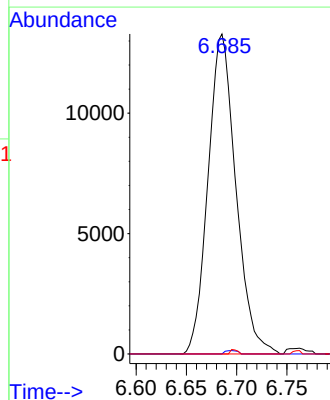
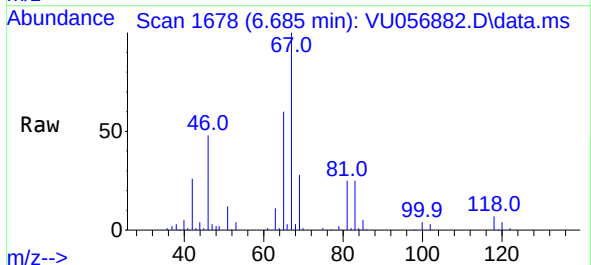


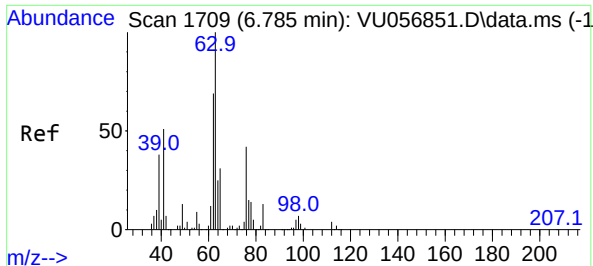
Tgt Ion: 84 Resp: 8105
Ion Ratio Lower Upper
84 100
86 67.9 43.6 81.0
49 113.5 80.6 149.6



#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

Tgt Ion: 83 Resp: 25620
Ion Ratio Lower Upper
83 100
55 0.5 64.6 97.0#
98 0.4 36.1 54.1#

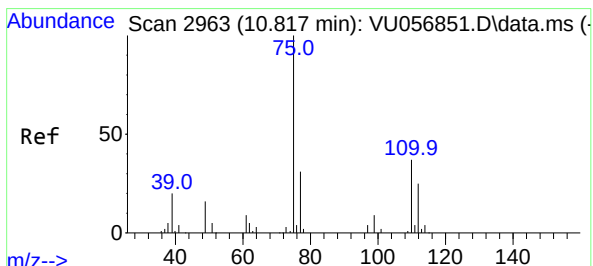
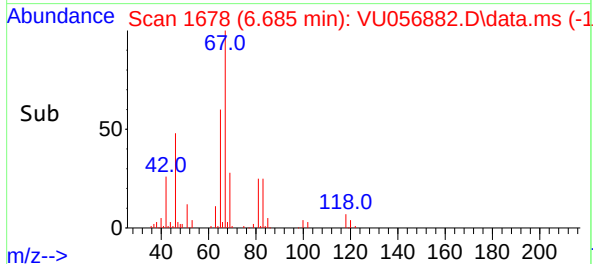
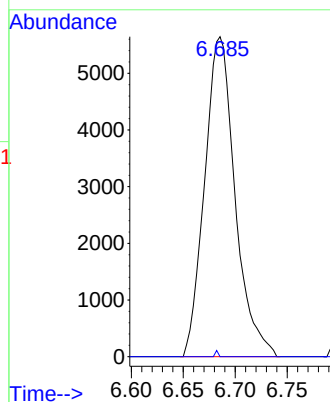
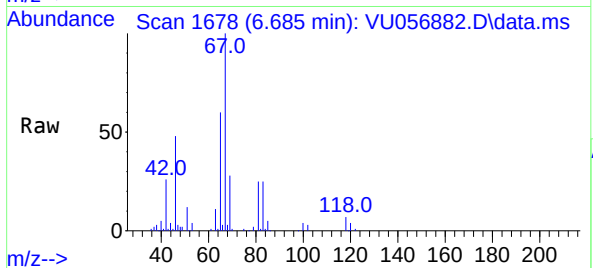




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

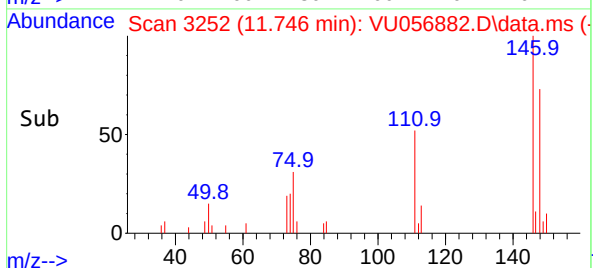
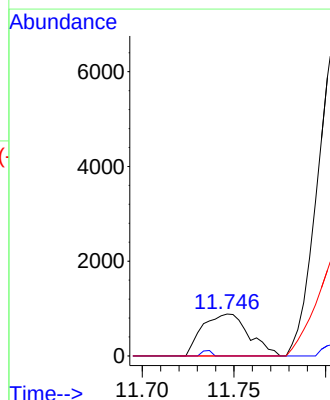
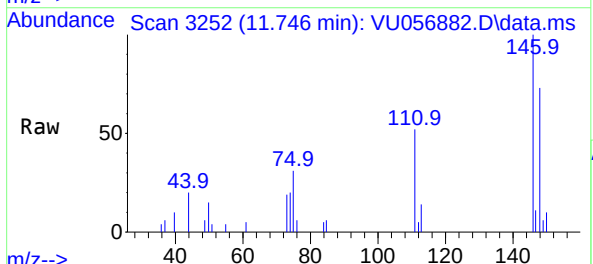
Instrument :
MSVOA_U
ClientSampleId :

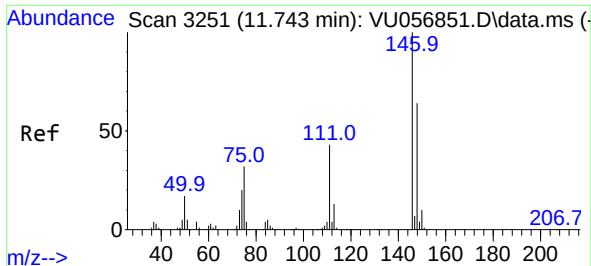
Tgt Ion: 63 Resp: 11514
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 0.156 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.929 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

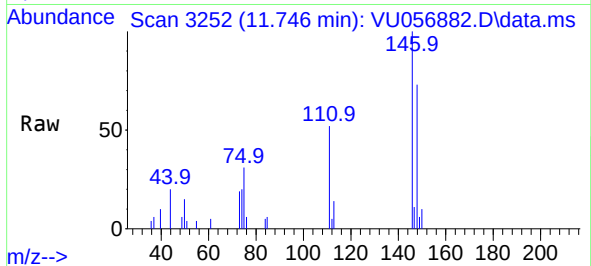
Tgt Ion: 75 Resp: 1563
Ion Ratio Lower Upper
75 100
110 2.7 28.4 42.6#
77 0.0 26.3 39.5#



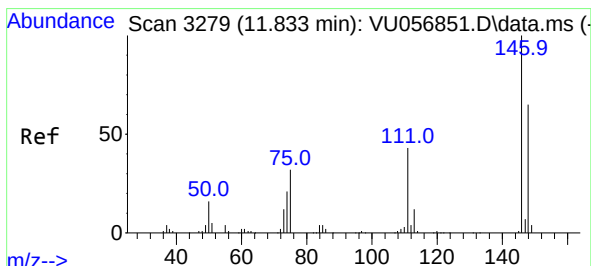
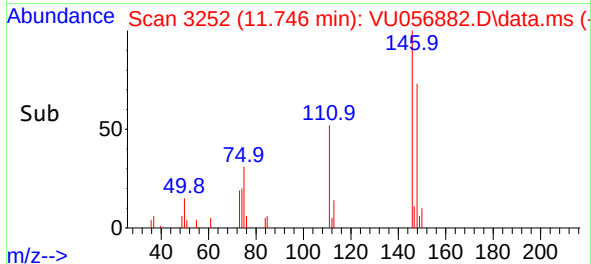
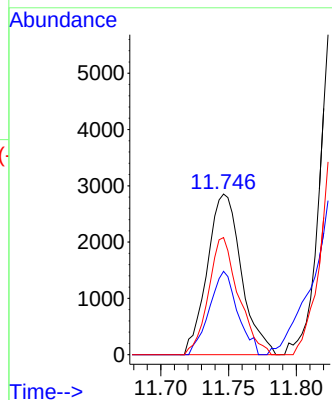


#64
1,3-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :

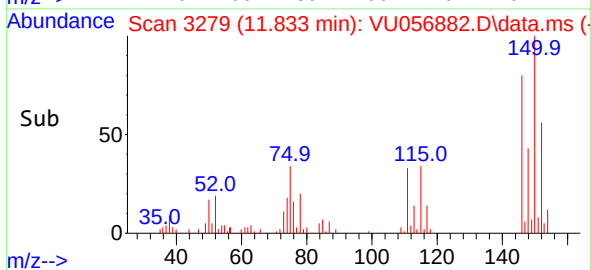
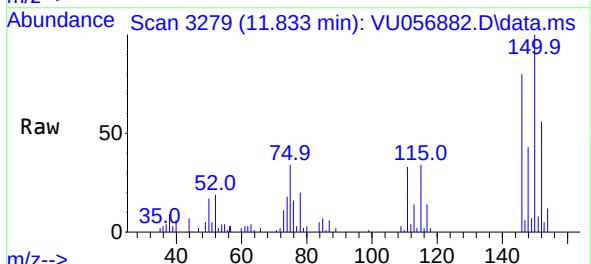
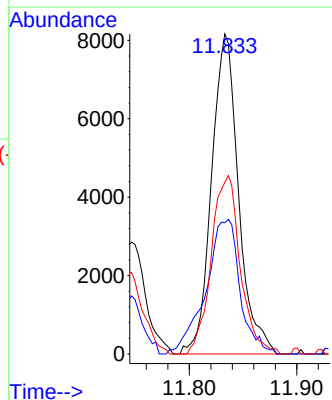


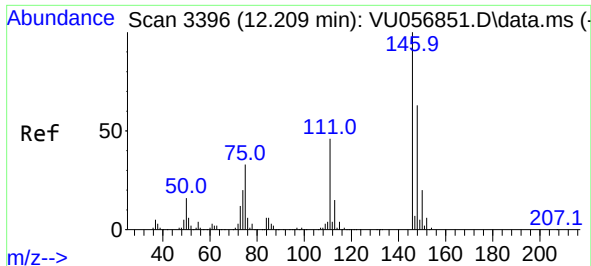
Tgt Ion:146 Resp: 4998
Ion Ratio Lower Upper
146 100
111 51.9 31.7 58.9
148 72.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.414 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056882.D
Acq: 15 Dec 2023 16:23

Tgt Ion:146 Resp: 14219
Ion Ratio Lower Upper
146 100
111 41.0 31.2 58.0
148 53.7 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.458 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

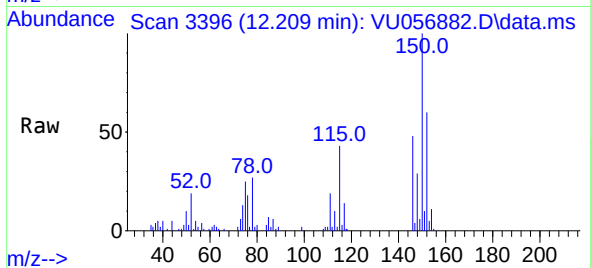
Lab File: VU056882.D

Acq: 15 Dec 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 14548

Ion Ratio Lower Upper

146 100

111 39.7 36.9 55.3

148 61.4 53.0 79.4

