

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055298.D
 Acq On : 13 Sep 2023 20:45
 Operator : MD/SY
 Sample : 04306-13 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

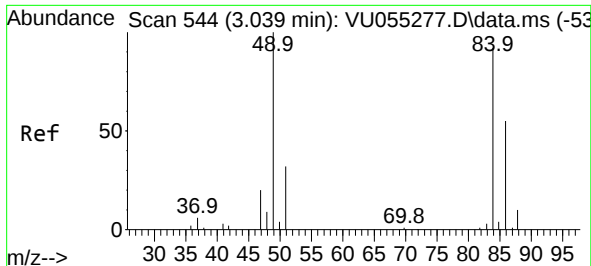
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	183281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	84187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24883	3.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	44447	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.560	65	14102	3.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	4.627	46	161537	67.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.840%#
24) Chloroform-d	5.058	84	109936	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.698	65	58778	5.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.727	84	190069	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.688	67	69381	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.897	98	153477	3.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.180	79	15992	4.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.634	63	88210	54.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.660%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55505	5.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	63164	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	6500	0.526	ug/L	89
17) Methyl tert-butyl Ether	3.361	73	3854	0.182	ug/L #	69
22) cis-1,2-Dichloroethene	4.663	96	7360	0.733	ug/L #	71
34) Trichloroethene	6.541	95	102418	9.447	ug/L	99
35) Methylcyclohexane	6.688	83	16240	1.068	ug/L #	22
37) 1,2-Dichloropropane	6.688	63	7658	0.721	ug/L #	88
48) 2-Hexanone	8.685	43	32746	6.901	ug/L #	89
61) 1,2,3-Trichloropropane	11.810	75	12661	2.266	ug/L #	71
64) 1,3-Dichlorobenzene	11.836	146	2723	0.144	ug/L	84

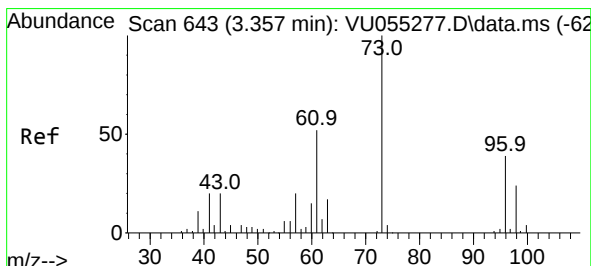
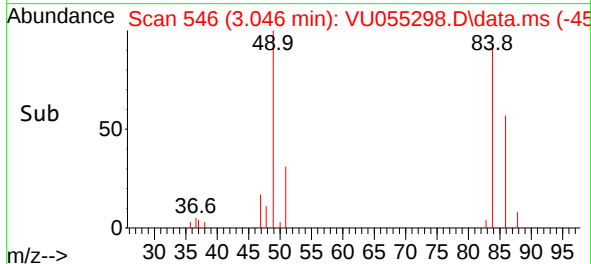
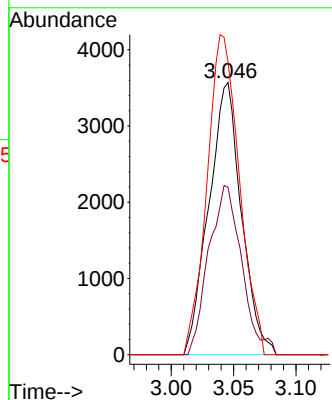
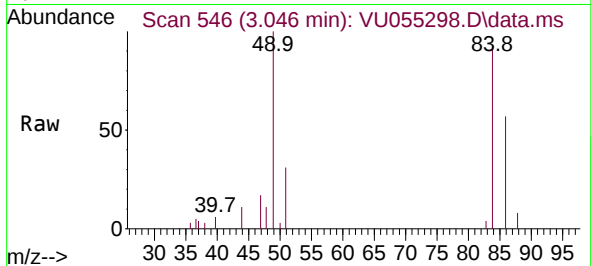
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.526 ug/L
RT: 3.046 min Scan# 544
Delta R.T. 0.006 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

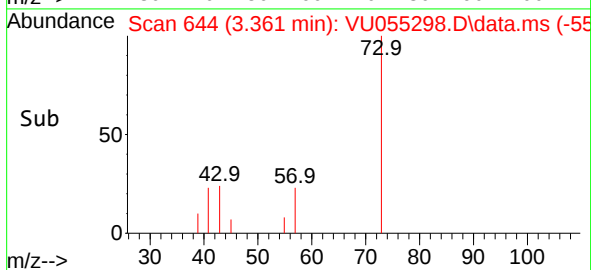
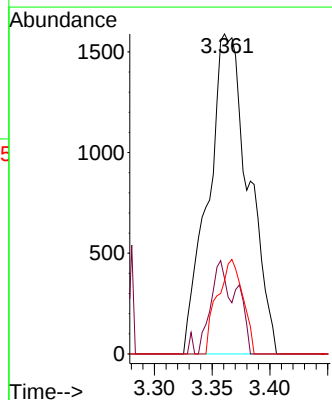
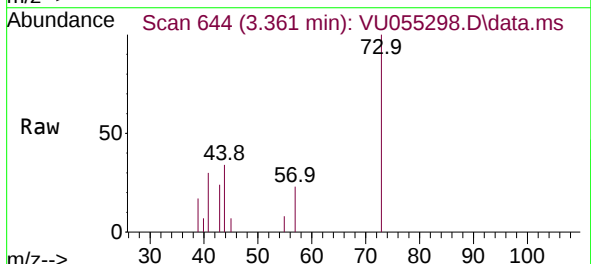
Instrument :
MSVOA_U
ClientSampleId :

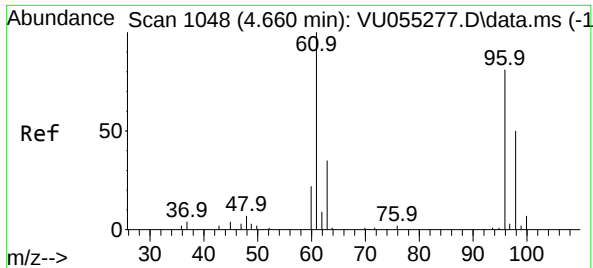
Tgt Ion: 84 Resp: 6500
Ion Ratio Lower Upper
84 100
86 61.5 43.4 80.6
49 107.5 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

Tgt Ion: 73 Resp: 3854
Ion Ratio Lower Upper
73 100
43 12.9 16.2 24.2#
57 0.0 17.4 26.2#





#22

cis-1,2-Dichloroethene

Concen: 0.733 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055298.D

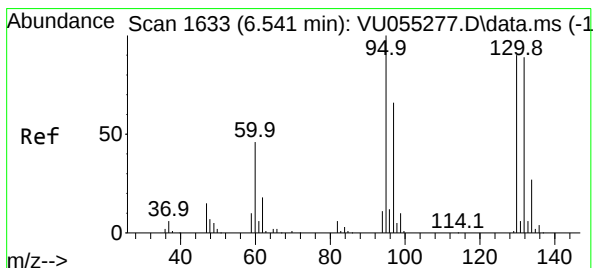
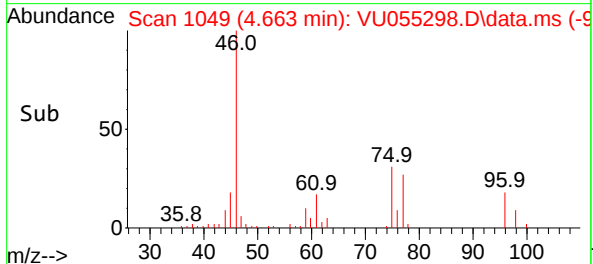
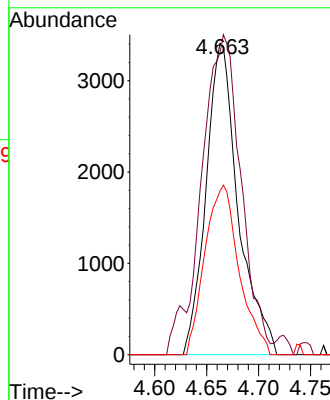
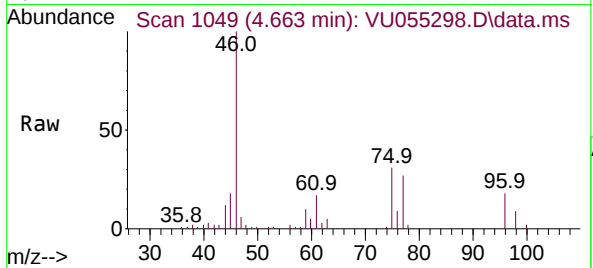
Acq: 13 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	7360
Ion	Ratio	Lower	Upper
96	100		
61	97.0	97.2	180.4#
98	52.6	46.1	85.7



#34

Trichloroethene

Concen: 9.447 ug/L

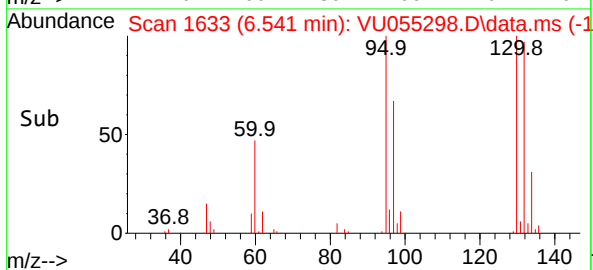
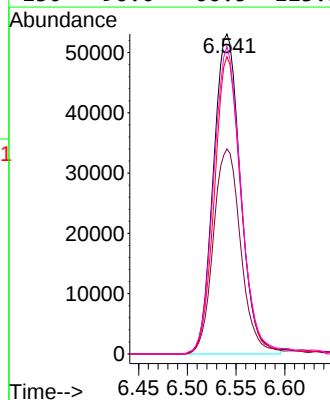
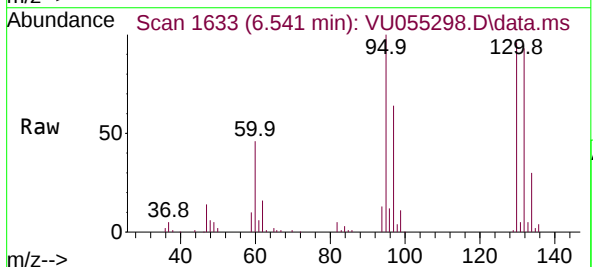
RT: 6.541 min Scan# 1633

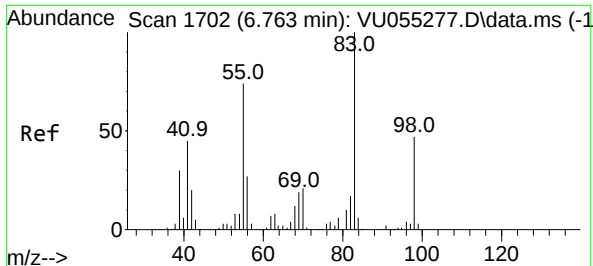
Delta R.T. -0.000 min

Lab File: VU055298.D

Acq: 13 Sep 2023 20:45

Tgt Ion:	95	Resp:	102418
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	83.1
132	92.9	66.6	123.6
130	96.0	66.5	123.5

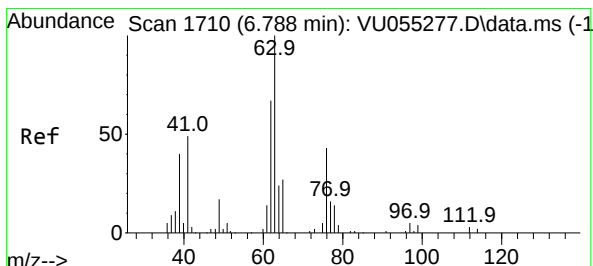
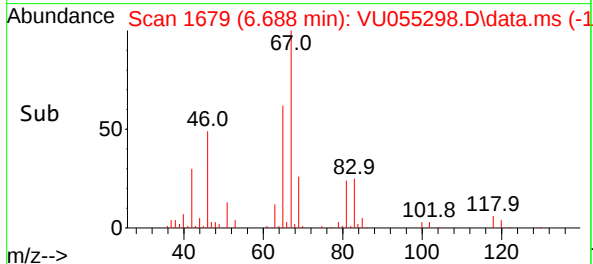
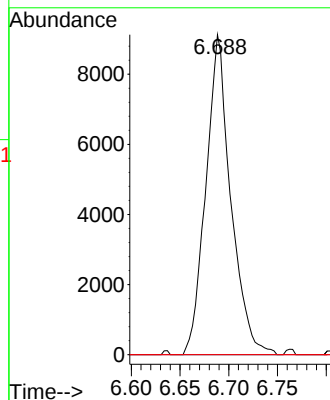
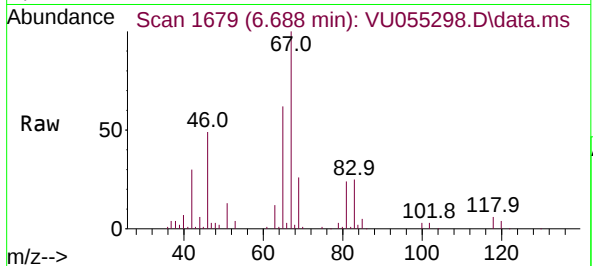




#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

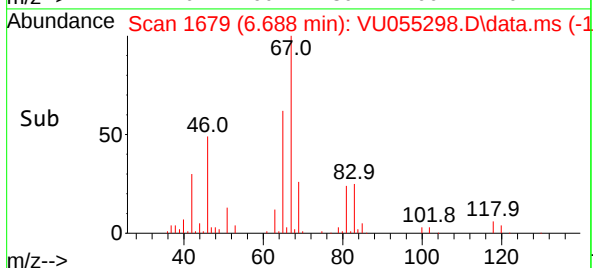
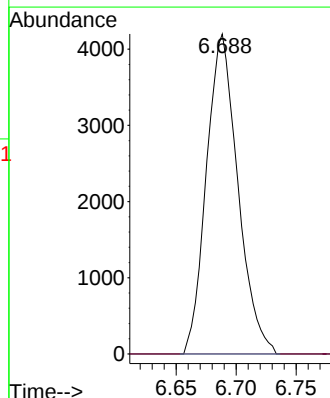
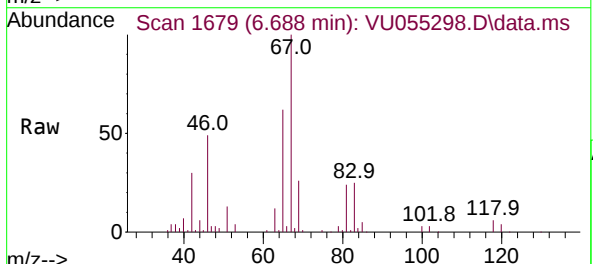
Instrument :
MSVOA_U
ClientSampleId :

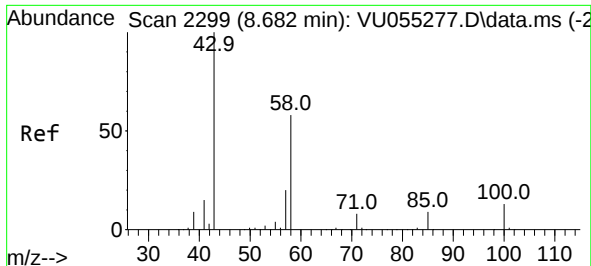
Tgt Ion: 83 Resp: 16240
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 4.4 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

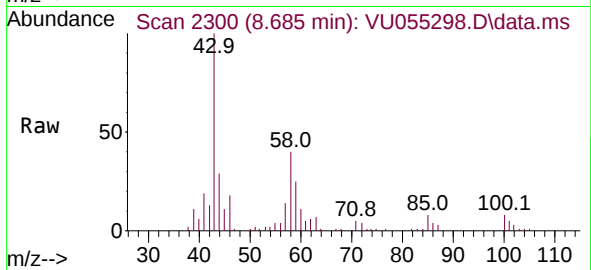
Tgt Ion: 63 Resp: 7658
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



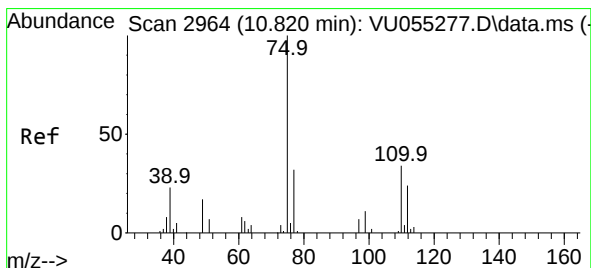
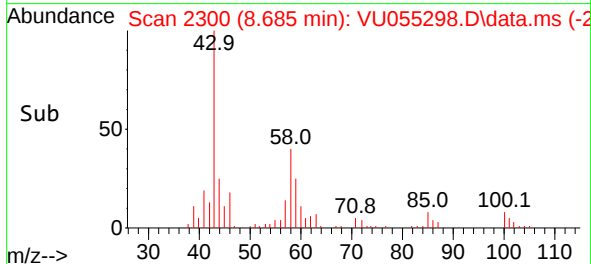
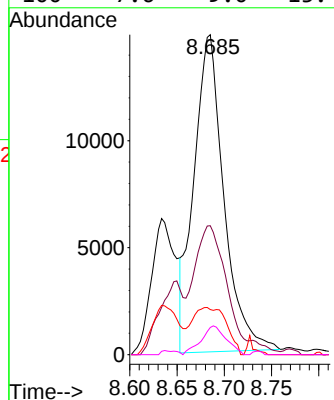


#48
2-Hexanone
Concen: 6.901 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

Instrument :
MSVOA_U
ClientSampleId :

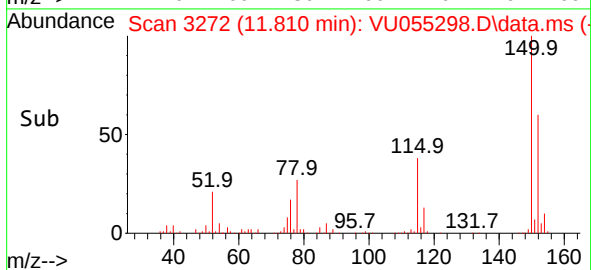
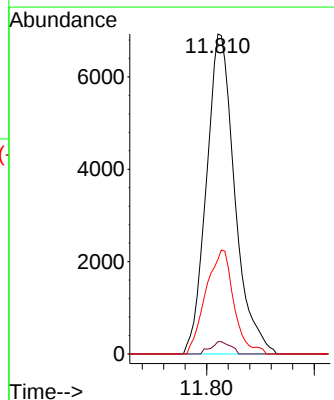
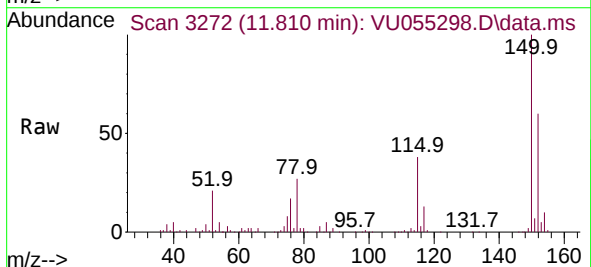


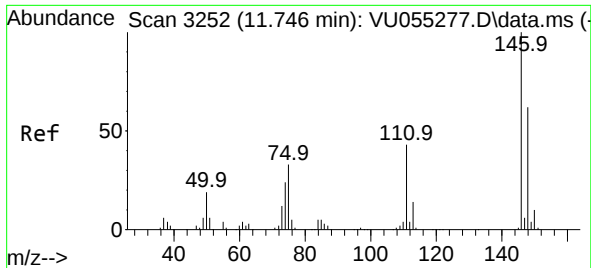
Tgt Ion: 43 Resp: 32746
Ion Ratio Lower Upper
43 100
58 45.4 44.0 66.0
57 16.8 16.2 24.2
100 7.6 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.266 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055298.D
Acq: 13 Sep 2023 20:45

Tgt Ion: 75 Resp: 12661
Ion Ratio Lower Upper
75 100
110 2.7 28.2 42.2#
77 32.1 26.2 39.4





#64

1,3-Dichlorobenzene

Concen: 0.144 ug/L

RT: 11.836 min Scan# 31

Delta R.T. 0.090 min

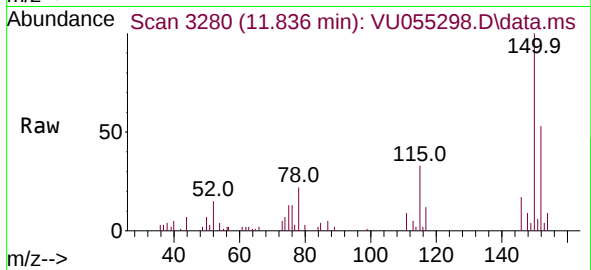
Lab File: VU055298.D

Acq: 13 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 2723

Ion Ratio Lower Upper

146 100

111 50.1 30.0 55.6

148 49.9 45.2 84.0

