

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052093.D
 Acq On : 23 Nov 2022 17:07
 Operator : JC/MD
 Sample : N5684-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

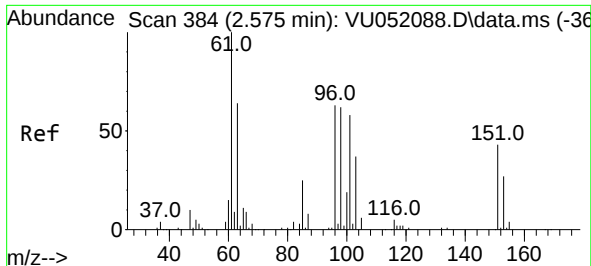
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87156	4.058	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.912	69	78129	4.683	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.565	65	32800	4.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.200%	
20) 2-Butanone-d5	4.626	46	203215	52.197	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.400%	
24) Chloroform-d	5.060	84	154925	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.700	65	79720	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.726	84	307745	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.687	67	104369	5.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.896	98	238280	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.179	79	32243	4.354	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.632	63	156325	49.811	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.620%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85575	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	83195	5.262	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1033	0.064	ug/L #	20
16) Methylene chloride	3.044	84	23080	1.065	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	11252	0.624	ug/L	96
34) Trichloroethene	6.539	95	104160	5.801	ug/L	97
35) Methylcyclohexane	6.690	83	22795	0.883	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10718	0.575	ug/L #	89
47) Tetrachloroethene	8.552	164	116888	8.495	ug/L	98
49) Dibromochloromethane	8.549	129	114229	7.282	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9584	1.014	ug/L #	67

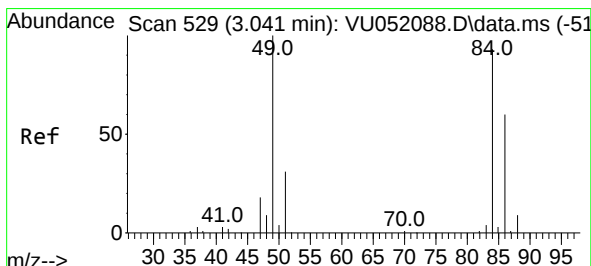
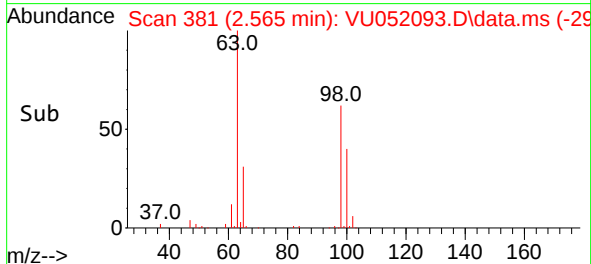
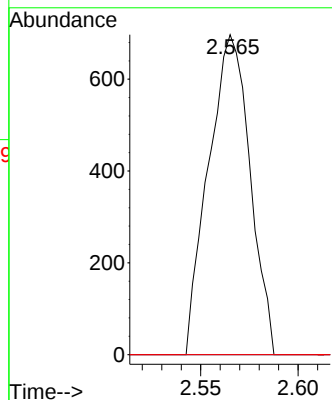
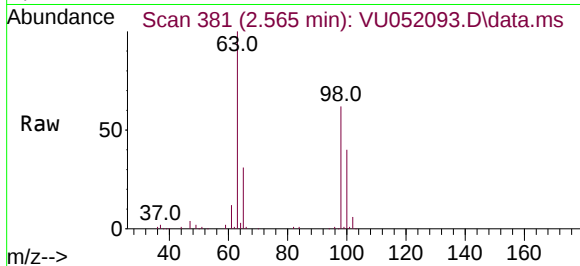
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.565 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU052093.D
Acq: 23 Nov 2022 17:07

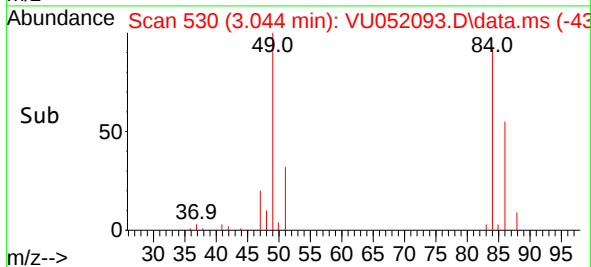
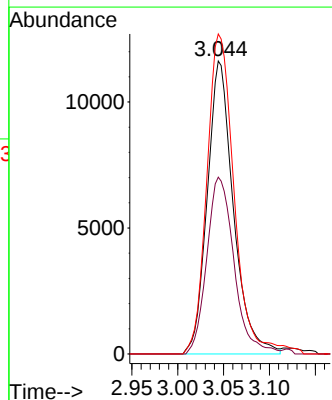
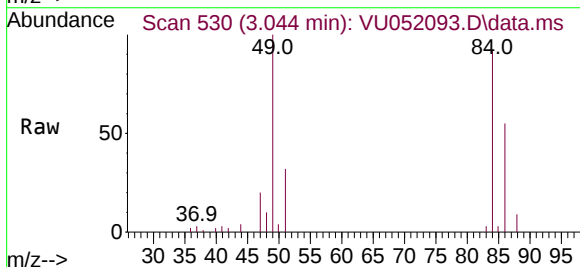
Instrument :
MSVOA_U
ClientSampleId :

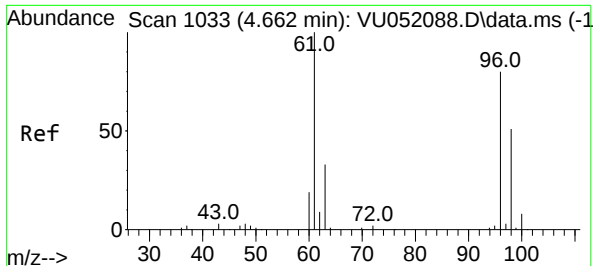
Tgt Ion:101 Resp: 1033
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 1.065 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU052093.D
Acq: 23 Nov 2022 17:07

Tgt Ion: 84 Resp: 23080
Ion Ratio Lower Upper
84 100
86 60.4 43.8 81.4
49 109.3 75.9 141.1

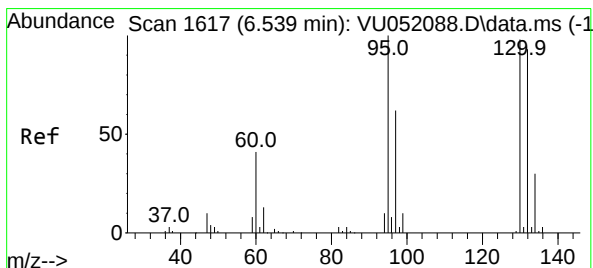
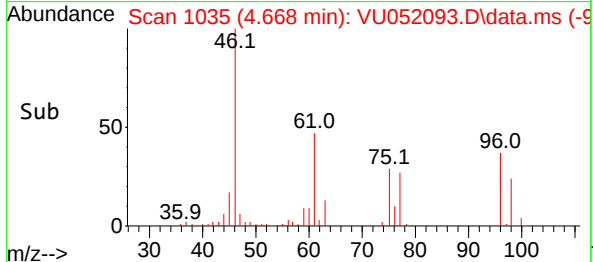
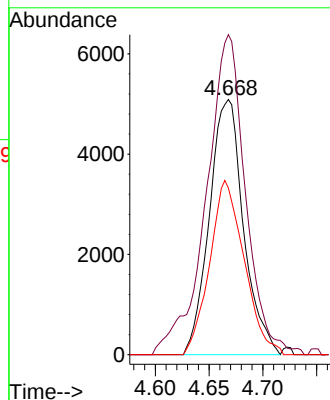
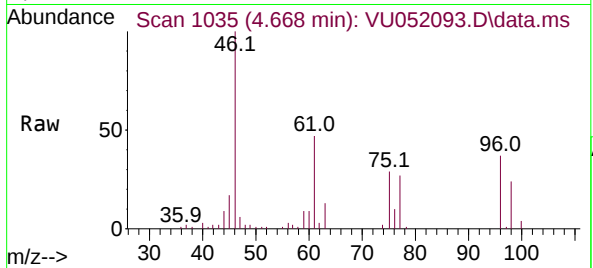




#22
 cis-1,2-Dichloroethene
 Concen: 0.624 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VU052093.D
 Acq: 23 Nov 2022 17:07

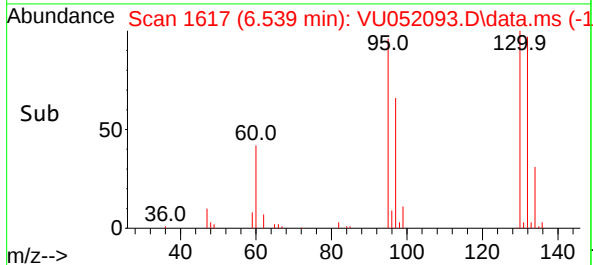
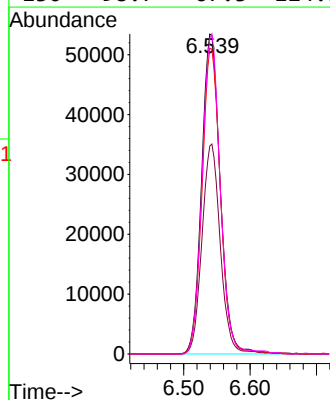
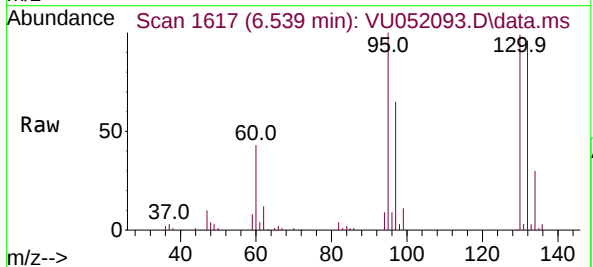
Instrument :
 MSVOA_U
 ClientSampleId :

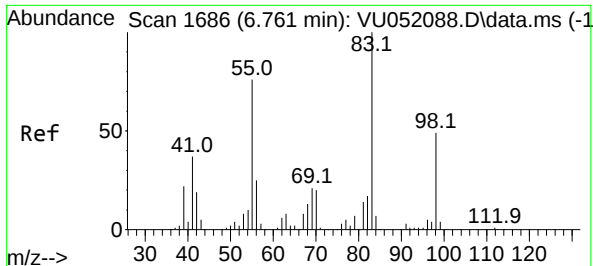
Tgt Ion: 96 Resp: 11252
 Ion Ratio Lower Upper
 96 100
 61 125.4 85.1 158.1
 98 65.3 42.8 79.6



#34
 Trichloroethene
 Concen: 5.801 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052093.D
 Acq: 23 Nov 2022 17:07

Tgt Ion: 95 Resp: 104160
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.7 81.1
 132 95.6 64.3 119.3
 130 98.7 67.3 124.9





#35

Methylcyclohexane

Concen: 0.883 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052093.D

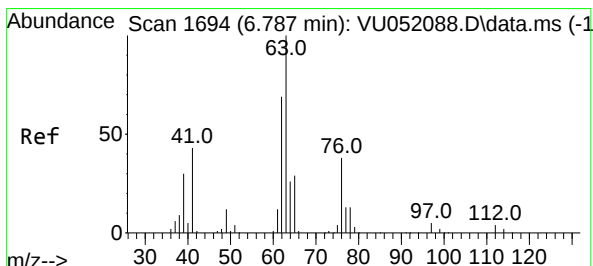
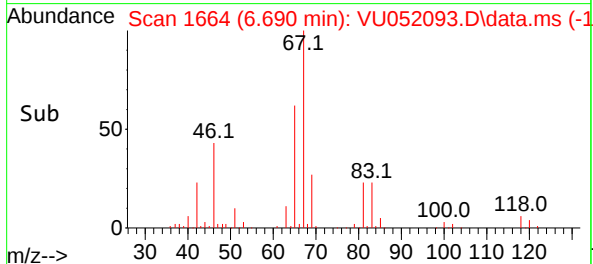
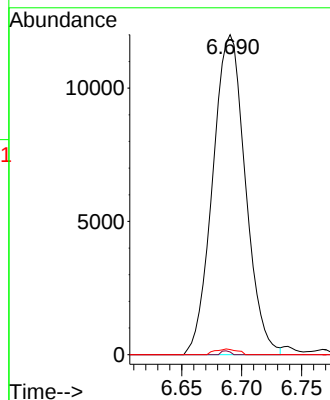
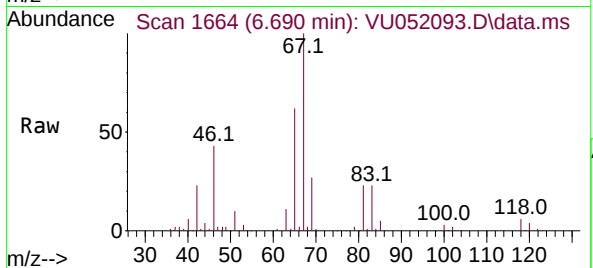
Acq: 23 Nov 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	22795
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.8	91.2#
98	1.2	35.1	52.7#



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

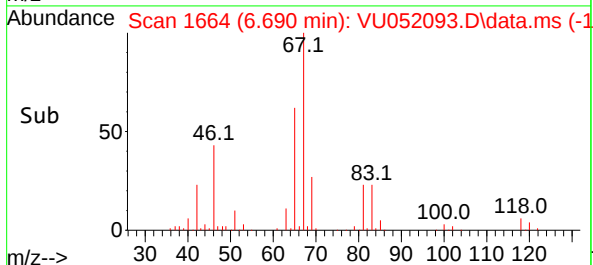
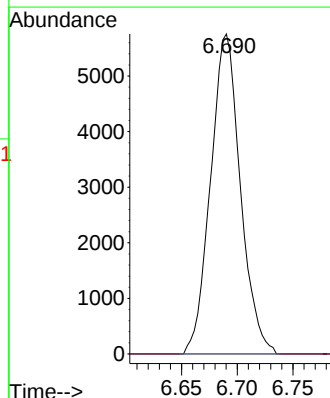
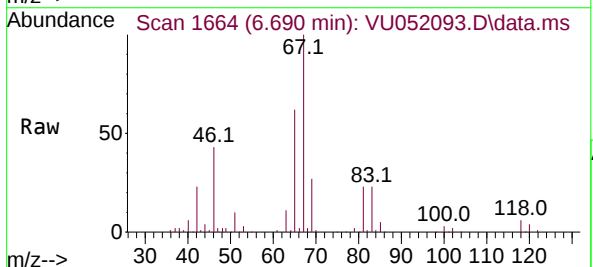
RT: 6.690 min Scan# 1664

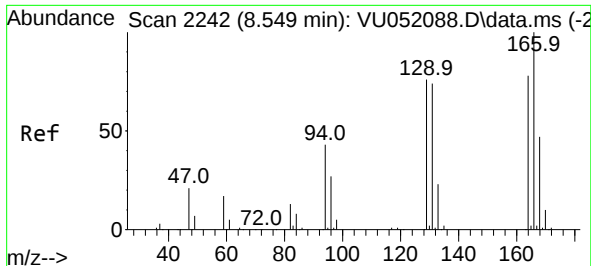
Delta R.T. -0.097 min

Lab File: VU052093.D

Acq: 23 Nov 2022 17:07

Tgt Ion:	63	Resp:	10718
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.3	4.9#





#47

Tetrachloroethene

Concen: 8.495 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052093.D

Acq: 23 Nov 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 116888

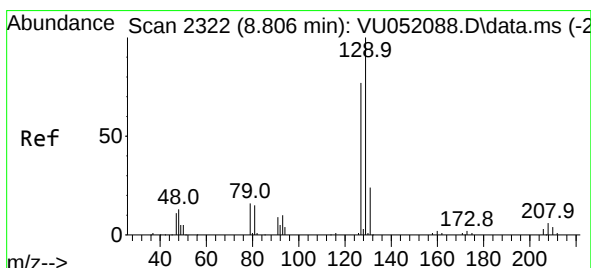
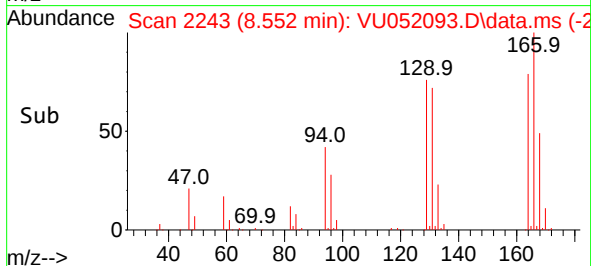
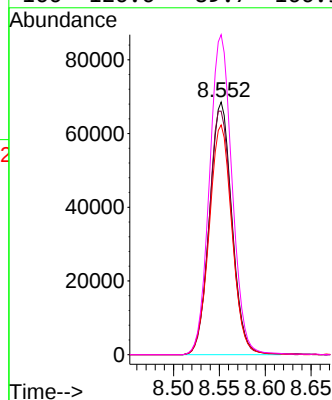
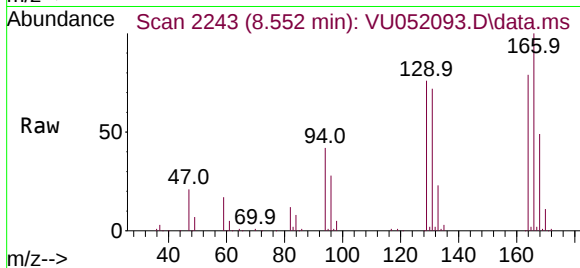
Ion Ratio Lower Upper

164 100

129 96.3 67.4 125.2

131 90.9 67.1 124.7

166 126.6 89.7 166.5



#49

Dibromochloromethane

Concen: 7.282 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU052093.D

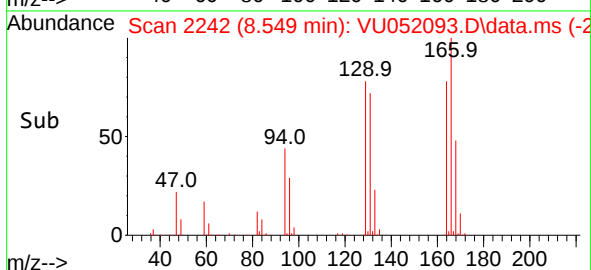
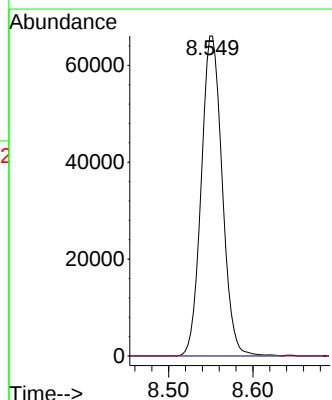
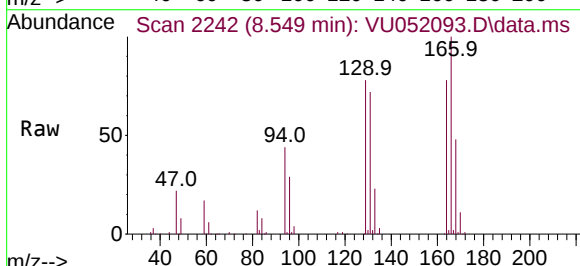
Acq: 23 Nov 2022 17:07

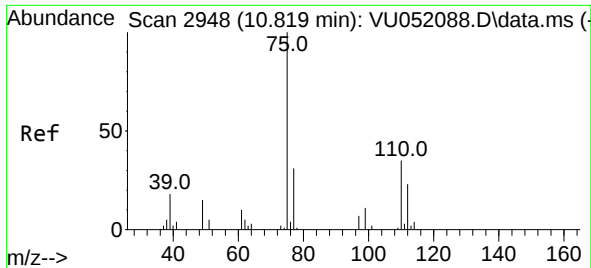
Tgt Ion:129 Resp: 114229

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61

1,2,3-Trichloropropane

Concen: 1.014 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

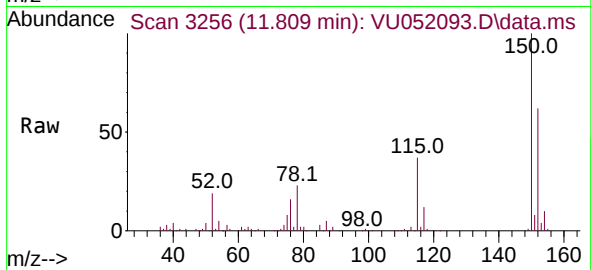
Lab File: VU052093.D

Acq: 23 Nov 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	9584
Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.3	42.5#
77	30.0	26.2	39.2

