

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056588.D
 Acq On : 22 Nov 2023 15:00
 Operator : MD/SY
 Sample : 05452-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

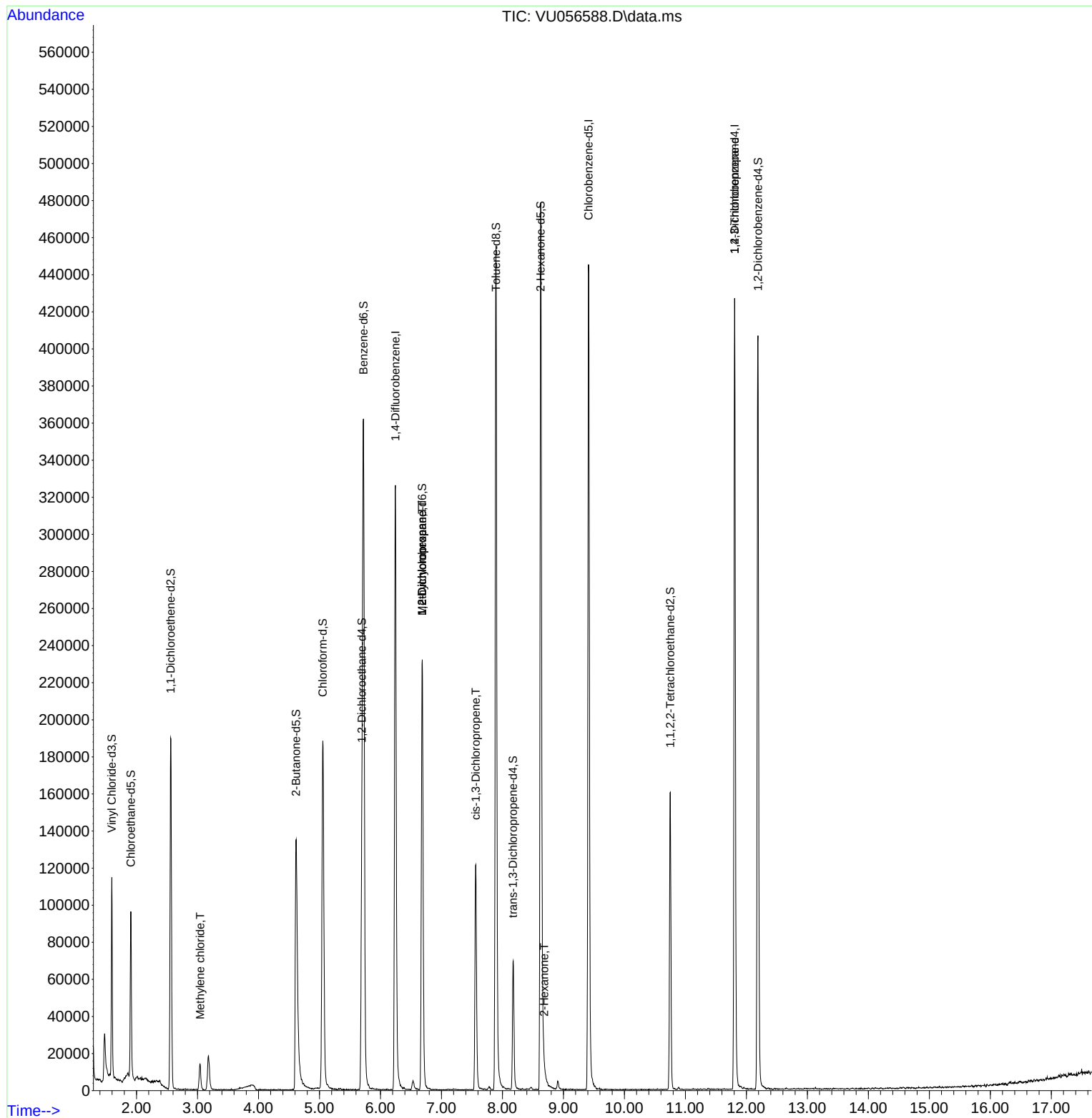
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72754	3.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.907	69	69283	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	36510	4.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.615	46	199160	50.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	5.055	84	184559	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	92875	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	354362	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.685	67	116662	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.894	98	314927	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.174	79	41646	4.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	166742	47.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80775	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	110705	5.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	6545	0.305	ug/L	88
35) Methylcyclohexane	6.685	83	26606	0.910	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12493	0.645	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3371	0.118	ug/L #	60
48) 2-Hexanone	8.685	43	5376	0.719	ug/L #	43
61) 1,2,3-Trichloropropane	11.807	75	14267	1.452	ug/L #	67

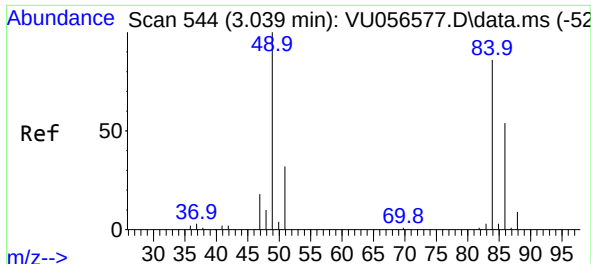
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
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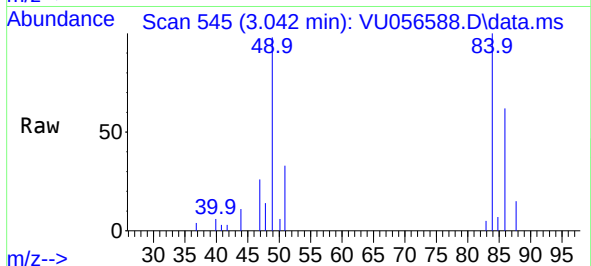
Quant Time: Nov 23 03:42:46 2023
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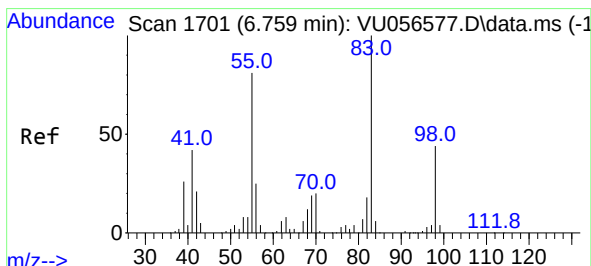
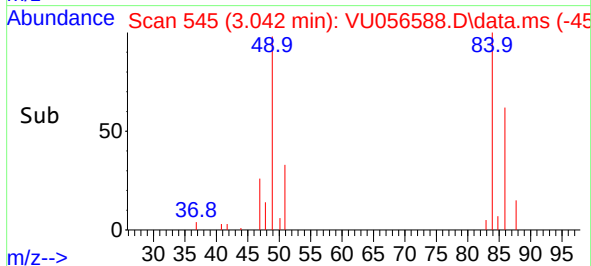
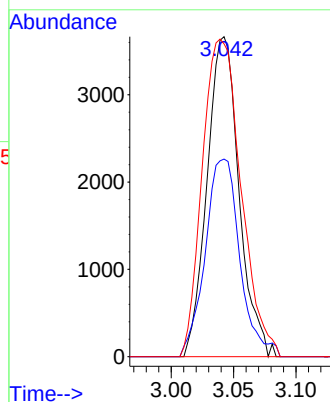


#16
Methylene chloride
Concen: 0.305 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056588.D
Acq: 22 Nov 2023 15:00

Instrument :
MSVOA_U
ClientSampleId :

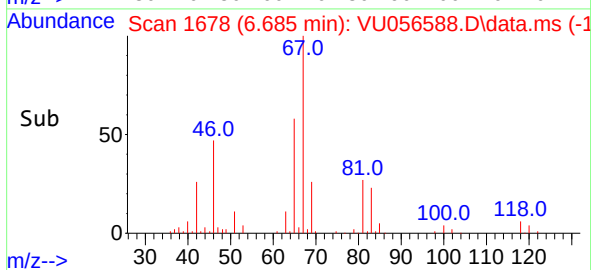
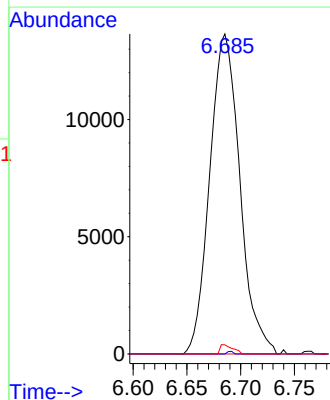
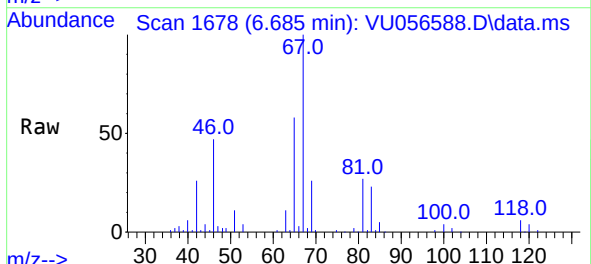


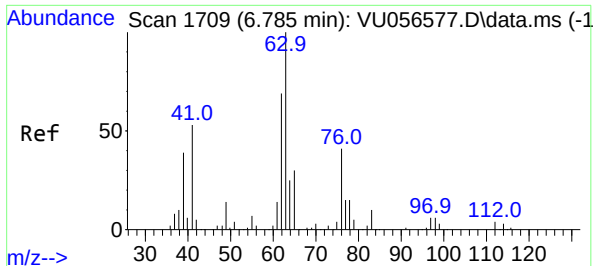
Tgt Ion: 84 Resp: 6545
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 97.8 81.8 152.0



#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056588.D
Acq: 22 Nov 2023 15:00

Tgt Ion: 83 Resp: 26606
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.2 35.3 52.9#

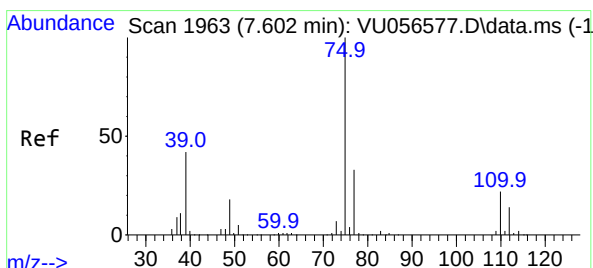
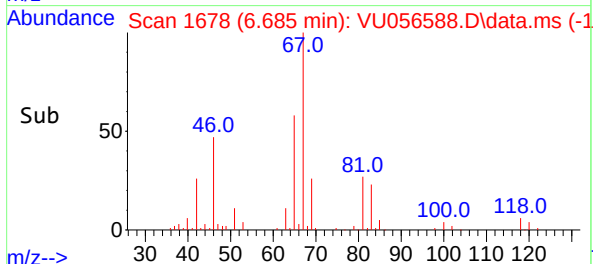
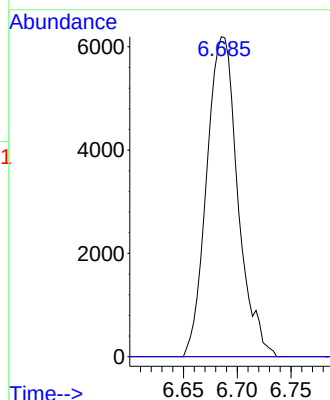
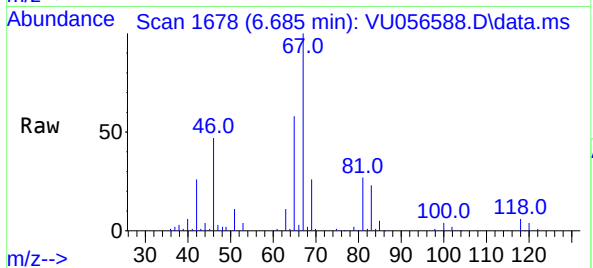




#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU056588.D
Acq: 22 Nov 2023 15:00

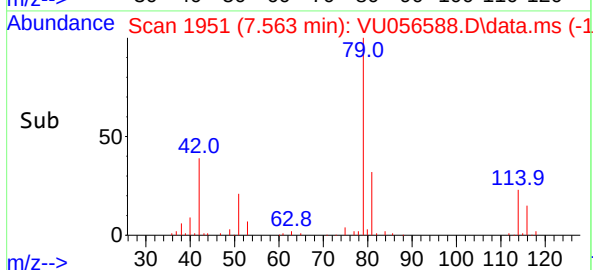
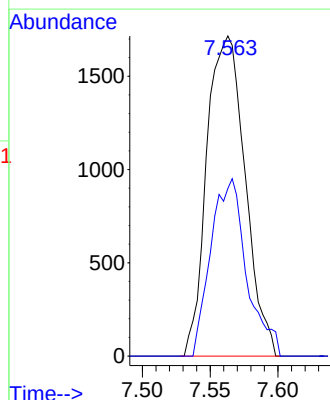
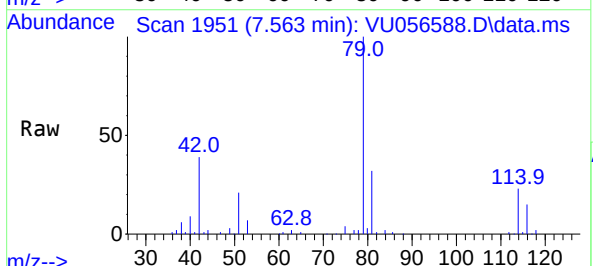
Instrument :
MSVOA_U
ClientSampleId :

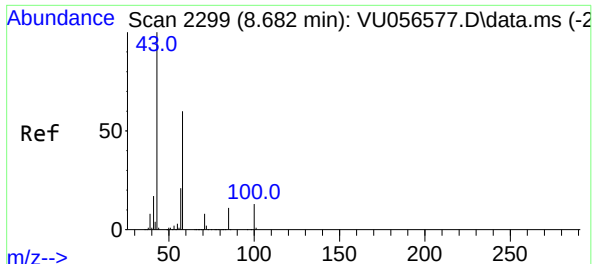
Tgt Ion: 63 Resp: 12493
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU056588.D
Acq: 22 Nov 2023 15:00

Tgt Ion: 75 Resp: 3371
Ion Ratio Lower Upper
75 100
77 52.4 21.5 39.9#





#48

2-Hexanone

Concen: 0.719 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU056588.D

Acq: 22 Nov 2023 15:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 5376

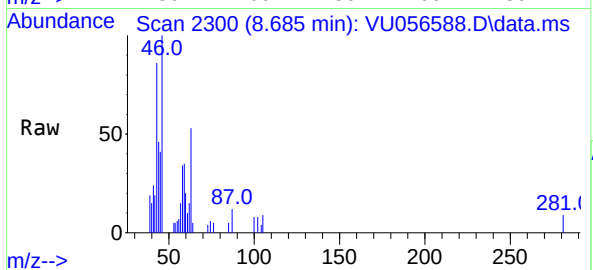
Ion Ratio Lower Upper

43 100

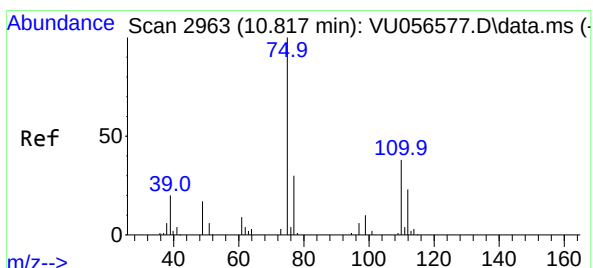
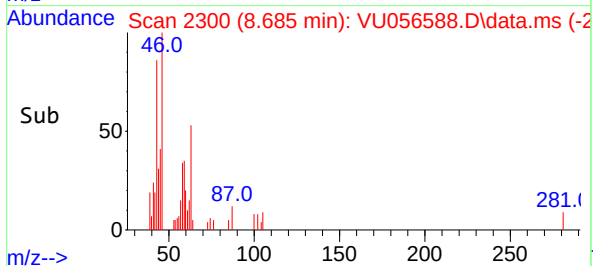
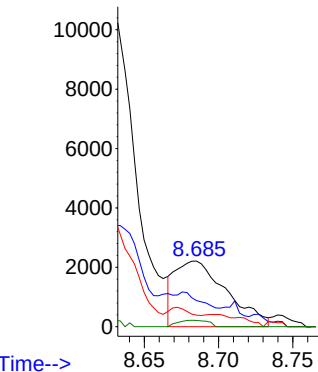
58 4.7 48.7 73.1#

57 5.4 16.8 25.2#

100 5.7 9.9 14.9#



Abundance



#61

1,2,3-Trichloropropane

Concen: 1.452 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056588.D

Acq: 22 Nov 2023 15:00

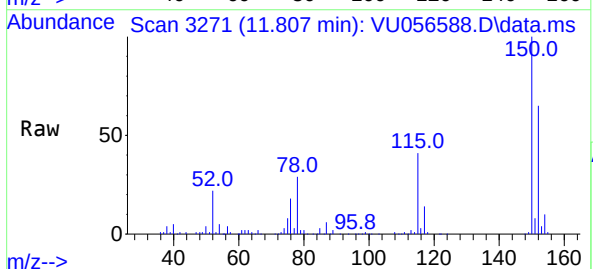
Tgt Ion: 75 Resp: 14267

Ion Ratio Lower Upper

75 100

110 2.4 30.4 45.6#

77 32.1 27.0 40.6



Abundance

