

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063051.D
 Acq On : 28 Jan 2025 06:31
 Operator : MD/SY
 Sample : Q1195-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:21:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

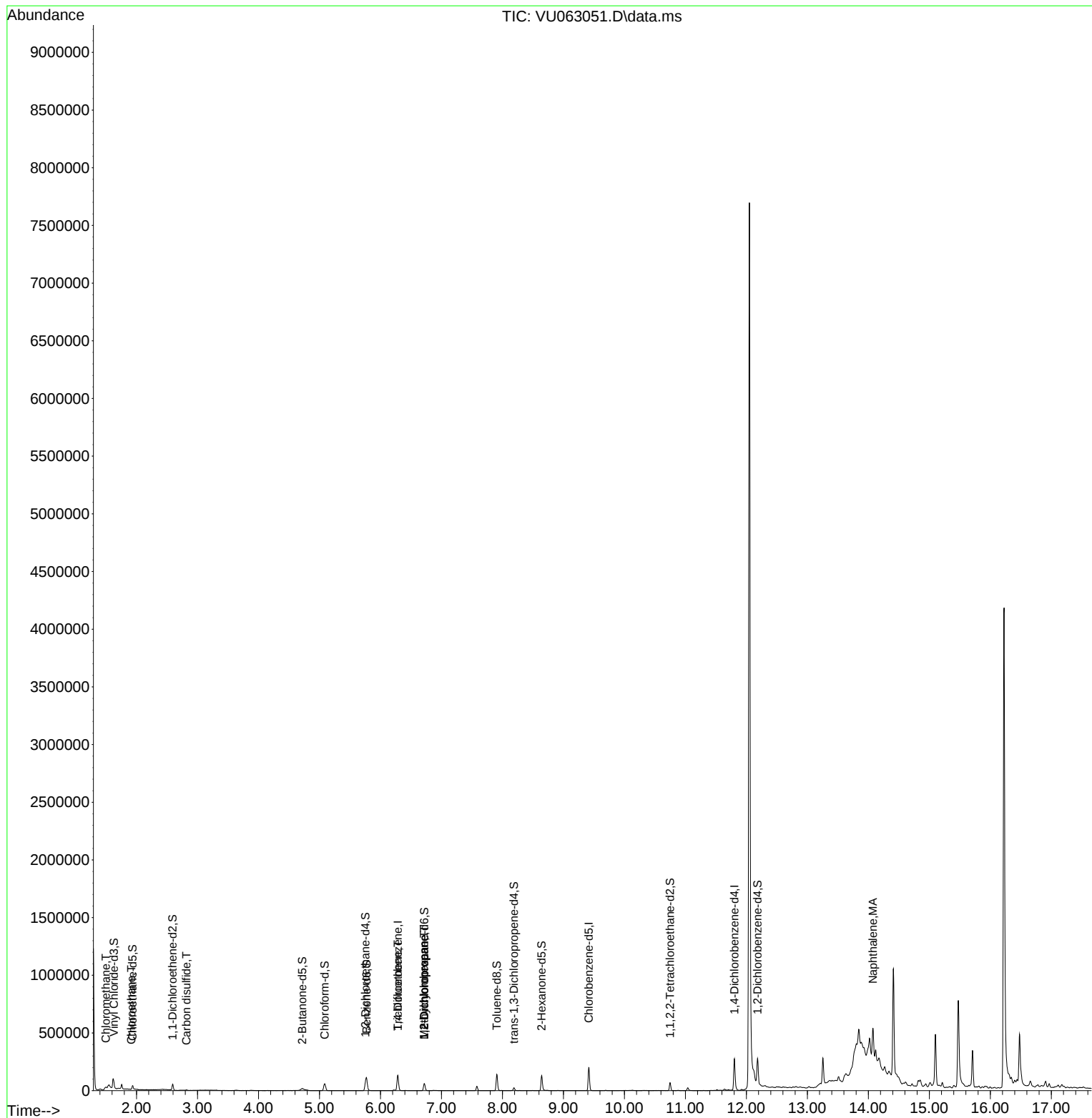
Internal Standards						
1) 1,4-Difluorobenzene	6.283	114	108842	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.415	117	109449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.628	65	28268	7.225	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	144.400%#
7) Chloroethane-d5	1.936	69	23430	7.887	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	157.800%#
11) 1,1-Dichloroethene-d2	2.592	65	9747	4.166	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.718	46	31327	27.587	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.180%
24) Chloroform-d	5.087	84	58773	3.782	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.753	65	34237	3.859	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.772	84	91437	3.656	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.721	67	24191	3.799	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.907	98	95267	3.852	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.187	79	14295	3.626	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.643	63	44516	45.254	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	30154	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	56637	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.496	50	983	0.210	ug/L #	40
8) Chloroethane	1.914	64	606	0.229	ug/L #	44
14) Carbon disulfide	2.817	76	5248	0.362	ug/L #	84
34) Trichloroethene	6.283	95	3652	0.405	ug/L #	5
35) Methylcyclohexane	6.718	83	8172	0.720	ug/L #	21
37) 1,2-Dichloropropane	6.714	63	3648	0.612	ug/L #	85
71) Naphthalene	14.077	128	214176	11.880	ug/L	100

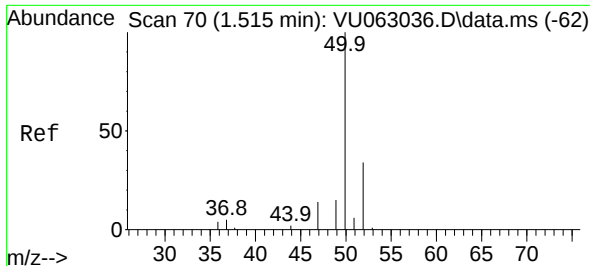
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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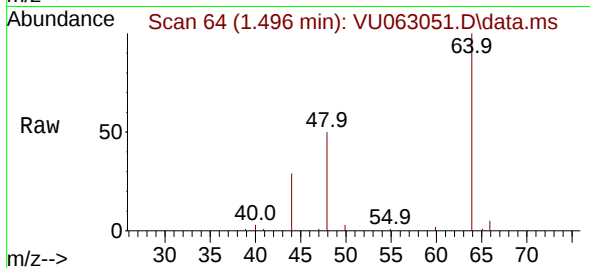
Quant Time: Jan 29 08:21:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
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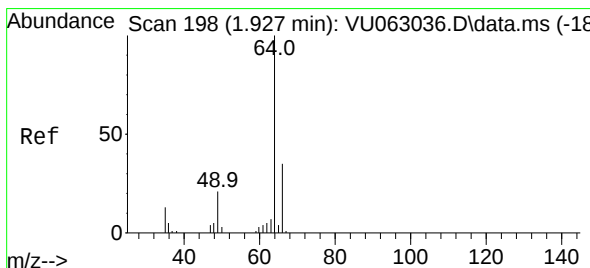
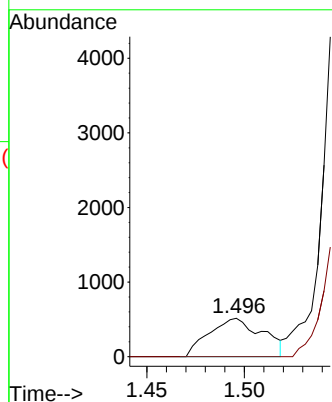
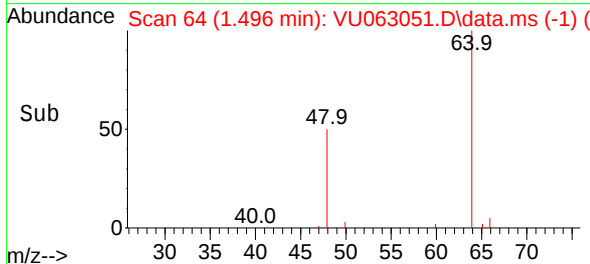


#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.496 min Scan# 64
Delta R.T. -0.019 min
Lab File: VU063051.D
Acq: 28 Jan 2025 06:31

Instrument :
MSVOA_U
ClientSampleId :

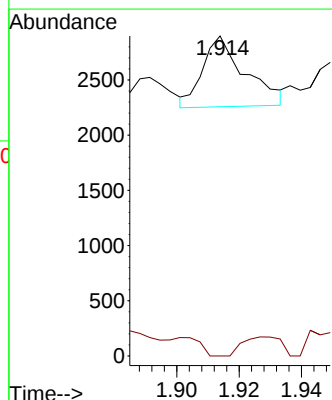
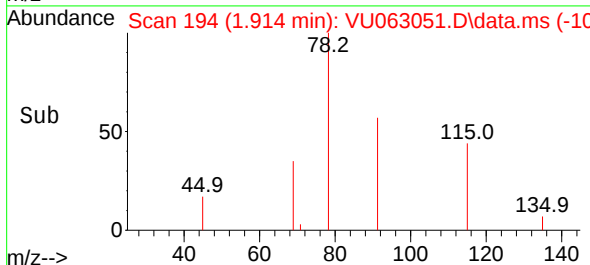
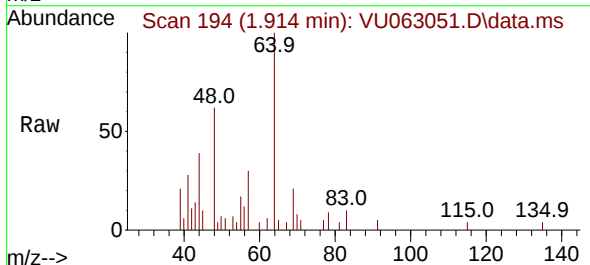


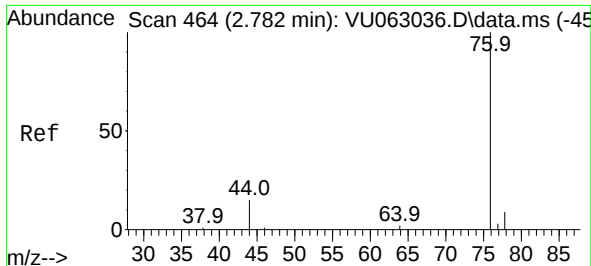
Tgt Ion: 50 Resp: 983
Ion Ratio Lower Upper
50 100
52 0.0 24.1 44.7#



#8
Chloroethane
Concen: 0.229 ug/L
RT: 1.914 min Scan# 194
Delta R.T. -0.013 min
Lab File: VU063051.D
Acq: 28 Jan 2025 06:31

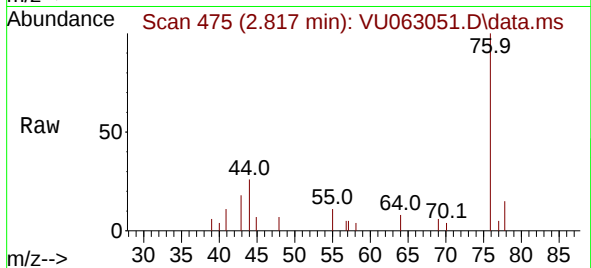
Tgt Ion: 64 Resp: 606
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



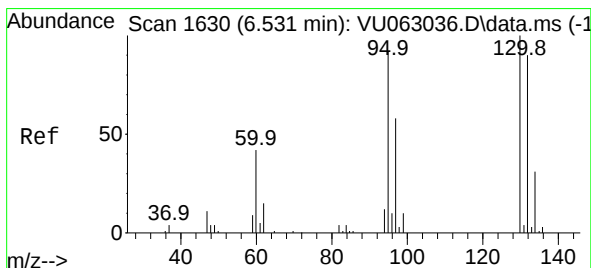
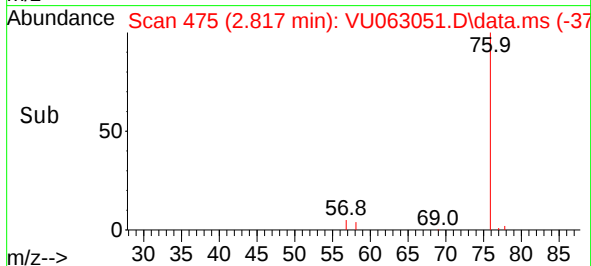
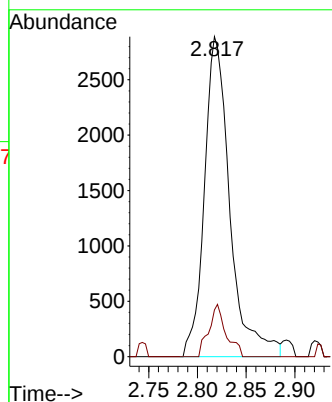


#14
Carbon disulfide
Concen: 0.362 ug/L
RT: 2.817 min Scan# 41
Delta R.T. 0.035 min
Lab File: VU063051.D
Acq: 28 Jan 2025 06:31

Instrument :
MSVOA_U
ClientSampleId :

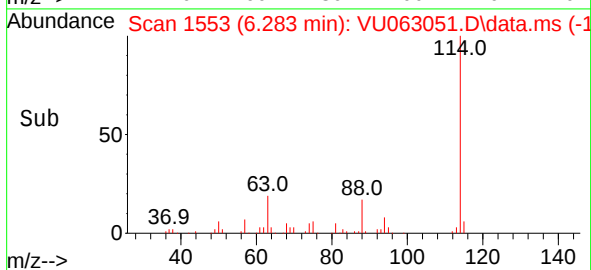
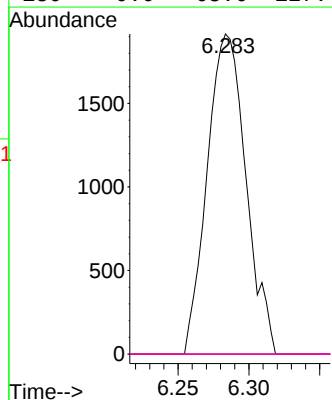
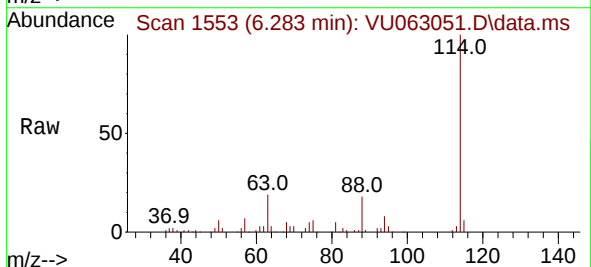


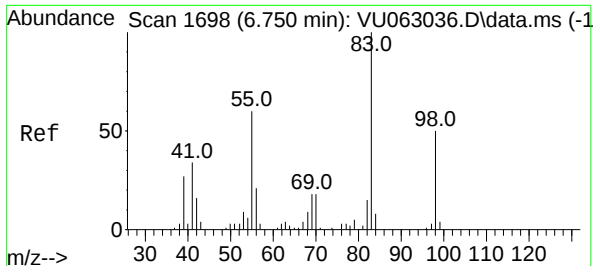
Tgt Ion: 76 Resp: 5248
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.6#



#34
Trichloroethene
Concen: 0.405 ug/L
RT: 6.283 min Scan# 1553
Delta R.T. -0.248 min
Lab File: VU063051.D
Acq: 28 Jan 2025 06:31

Tgt Ion: 95 Resp: 3652
Ion Ratio Lower Upper
95 100
97 0.0 47.5 88.3#
132 0.0 66.9 124.3#
130 0.0 68.6 127.4#





#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.718 min Scan# 1

Delta R.T. -0.032 min

Lab File: VU063051.D

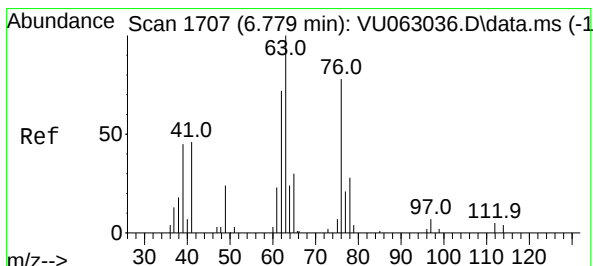
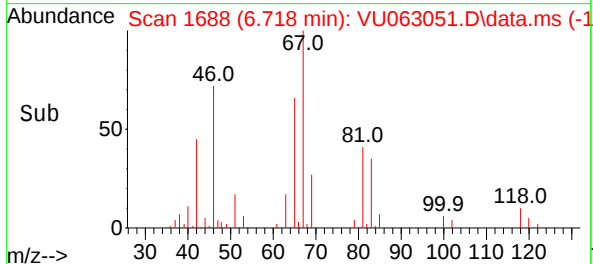
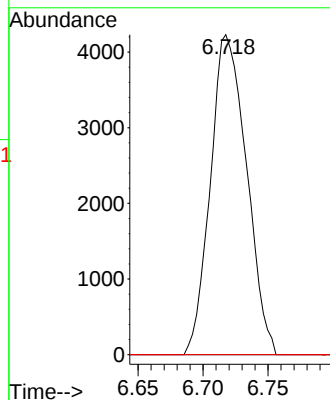
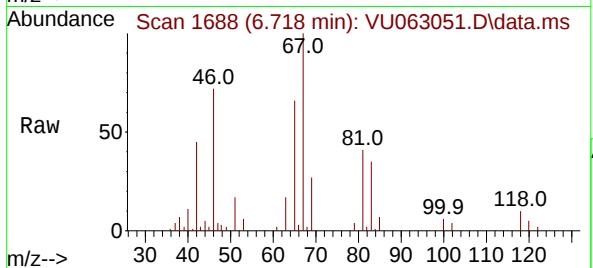
Acq: 28 Jan 2025 06:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	8172
Ion Ratio	Lower	Upper	
83	100		
55	0.2	57.2	85.8#
98	0.0	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

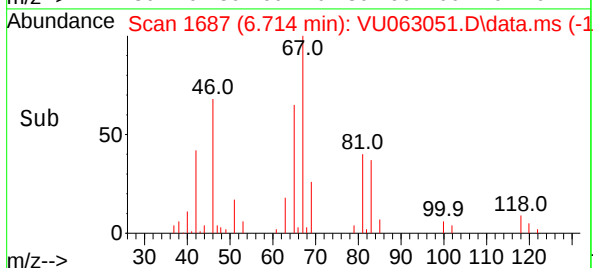
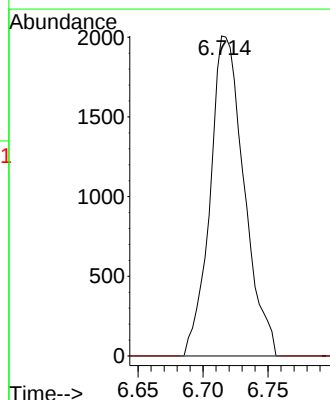
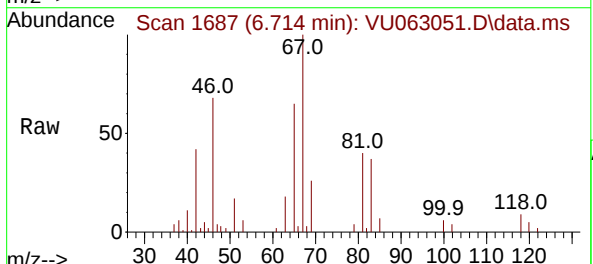
RT: 6.714 min Scan# 1687

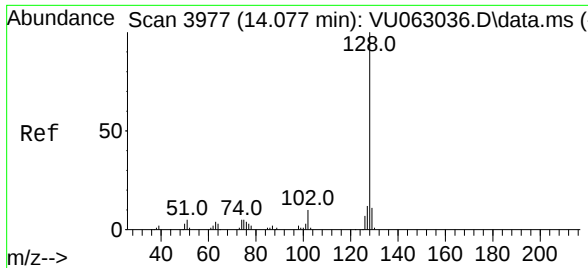
Delta R.T. -0.064 min

Lab File: VU063051.D

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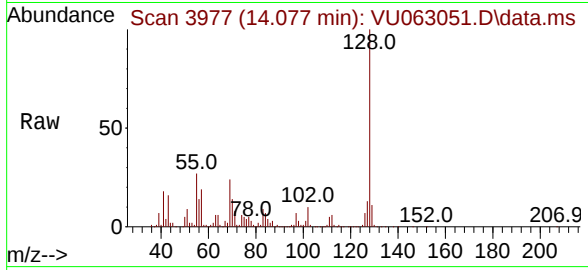
Tgt Ion:	63	Resp:	3648
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.8#





#71
Naphthalene
Concen: 11.880 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063051.D
Acq: 28 Jan 2025 06:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 214176
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.6 10.2 15.2

