

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051711.D
 Acq On : 03 Nov 2022 00:09
 Operator : JC/MD
 Sample : N5301-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

Quant Time: Nov 03 04:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

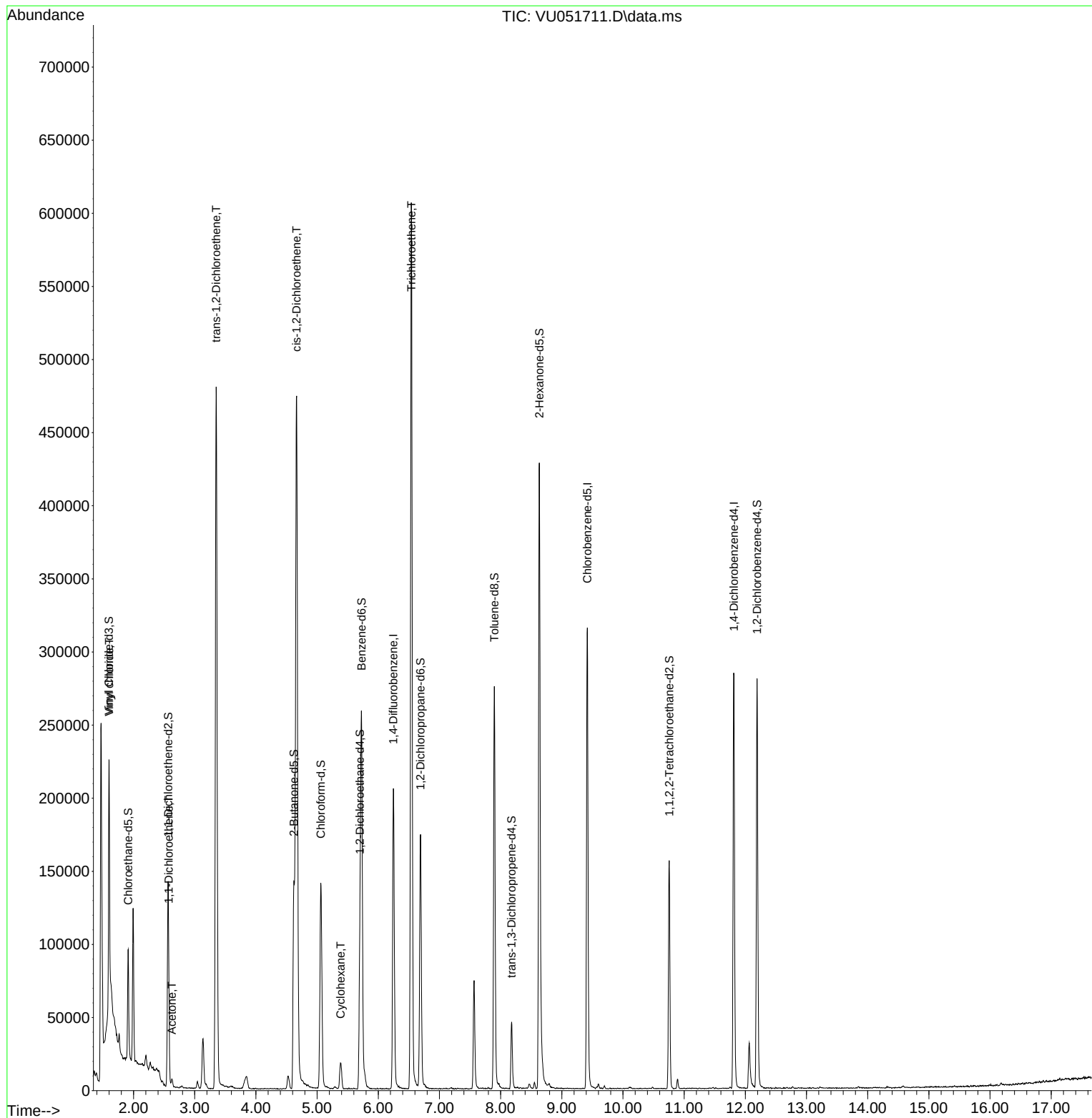
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	80905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	62647	4.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.913	69	58959	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.565	65	25162	5.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	4.620	46	196934	42.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.460%
24) Chloroform-d	5.061	84	133667	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	68994	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.726	84	250589	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.691	67	86491	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.896	98	193541	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.179	79	27183	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.633	63	143748	37.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81761	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	78259	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	31076	1.376	ug/L #	1
12) 1,1-Dichloroethene	2.575	96	6842	0.460	ug/L #	1
13) Acetone	2.627	43	6946	2.936	ug/L	88
18) trans-1,2-Dichloroethene	3.350	96	211947	13.288	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	253924	14.387	ug/L	99
30) Cyclohexane	5.382	56	8033	0.345	ug/L	99
34) Trichloroethene	6.540	95	212426	11.975	ug/L	99

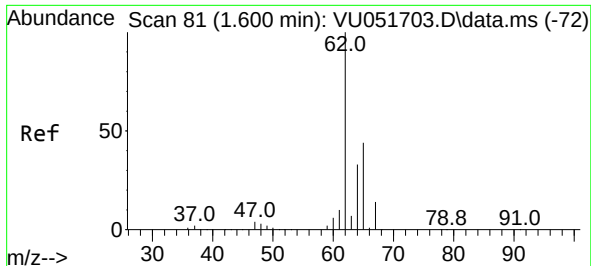
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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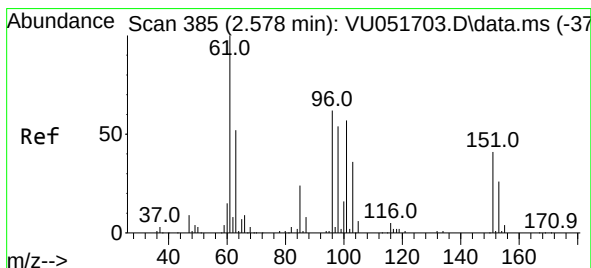
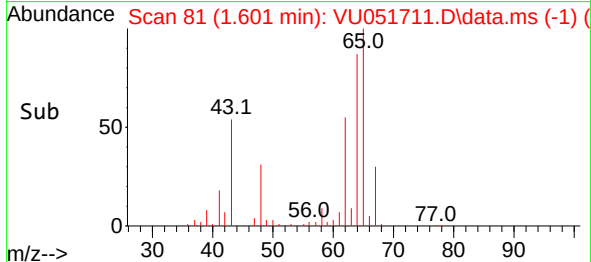
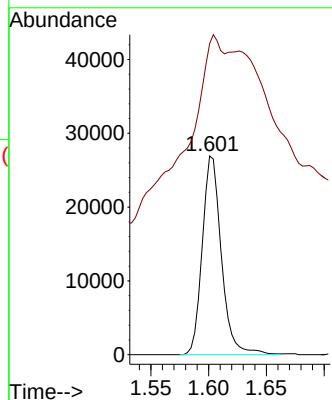
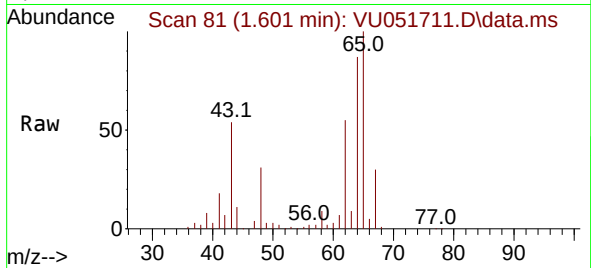




#5
 Vinyl chloride
 Concen: 1.376 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

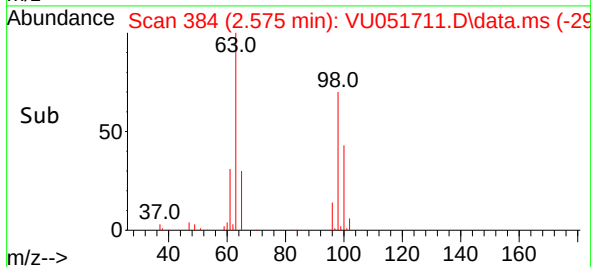
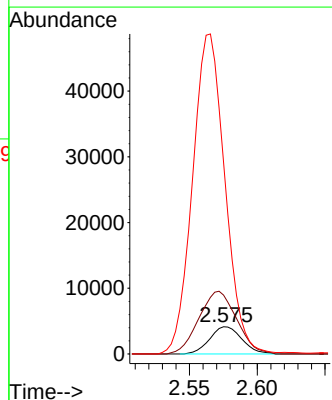
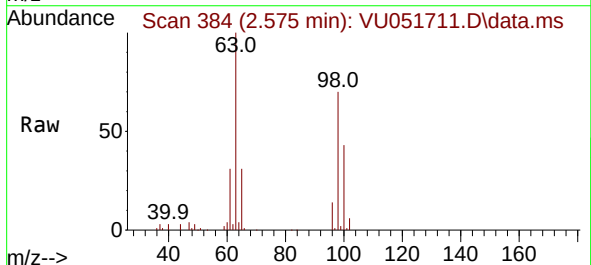
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

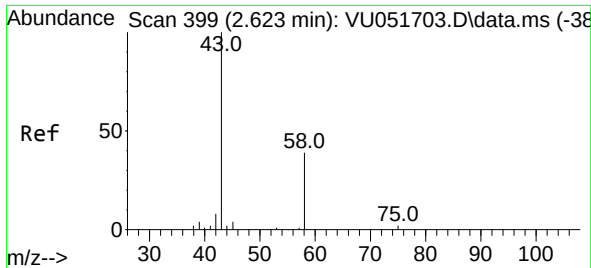
Tgt Ion: 62 Resp: 31076
 Ion Ratio Lower Upper
 62 100
 64 156.5 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 0.460 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

Tgt Ion: 96 Resp: 6842
 Ion Ratio Lower Upper
 96 100
 61 216.3 108.8 202.0#
 63 704.7 64.9 120.5#





#13

Acetone

Concen: 2.936 ug/L

RT: 2.627 min Scan# 400

Delta R.T. 0.004 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

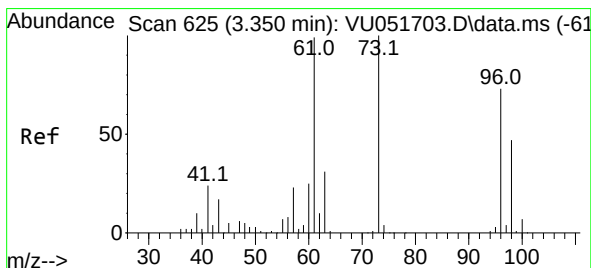
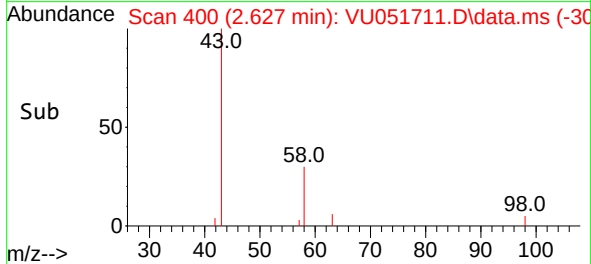
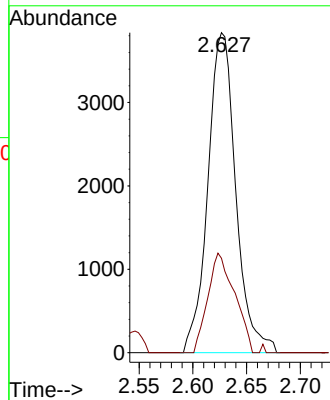
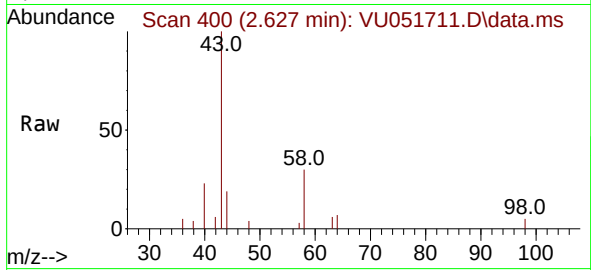
DBWM4

Tgt Ion: 43 Resp: 6946

Ion Ratio Lower Upper

43 100

58 29.8 0.0 73.8



#18

trans-1,2-Dichloroethene

Concen: 13.288 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

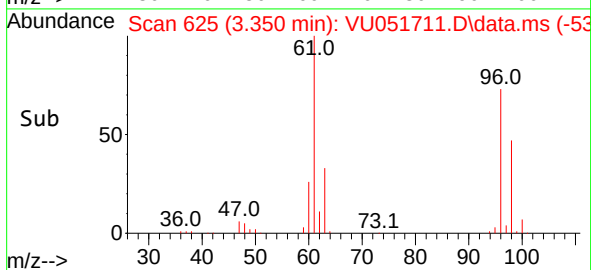
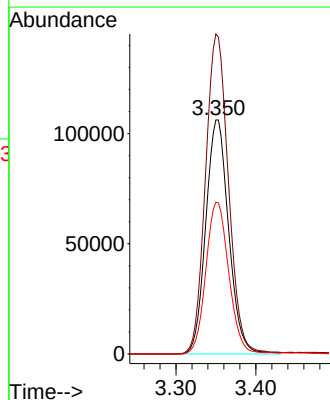
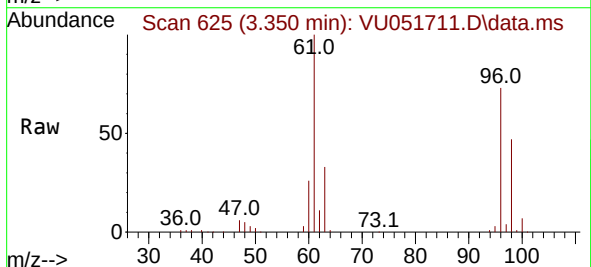
Tgt Ion: 96 Resp: 211947

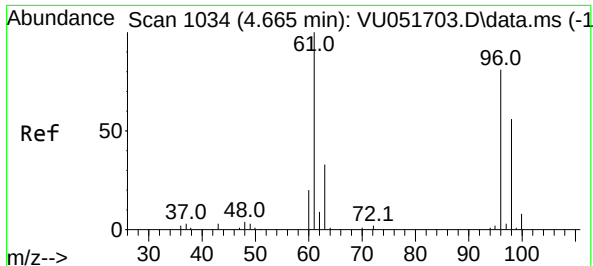
Ion Ratio Lower Upper

96 100

61 136.7 94.7 175.9

98 64.8 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 14.387 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

DBWM4

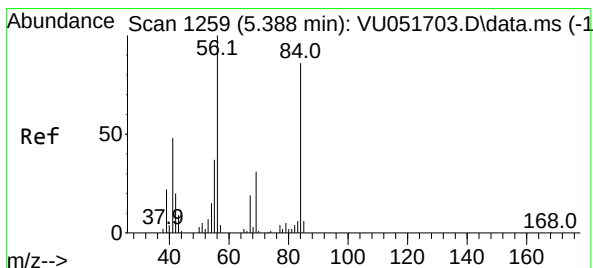
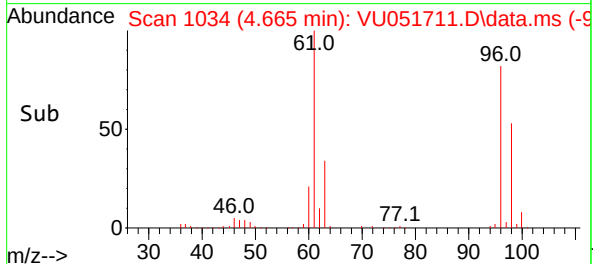
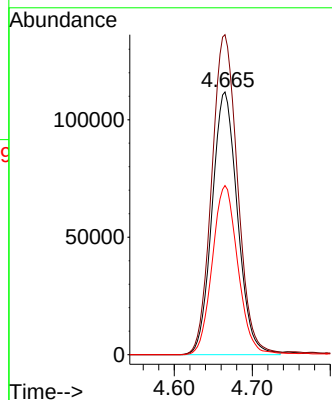
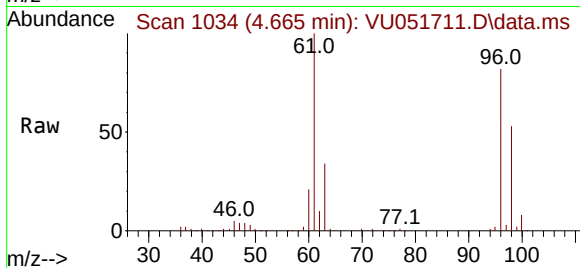
Tgt Ion: 96 Resp: 253924

Ion Ratio Lower Upper

96 100

61 121.8 86.4 160.4

98 64.4 44.2 82.2



#30

Cyclohexane

Concen: 0.345 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

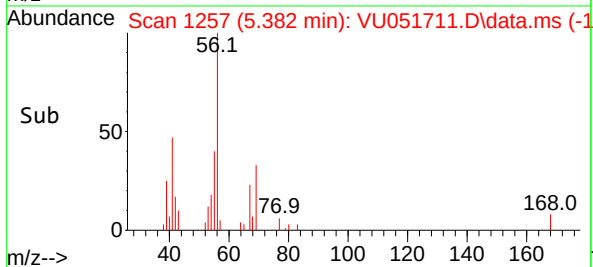
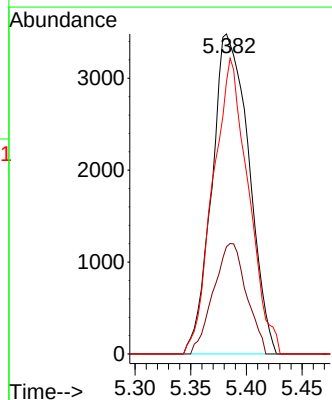
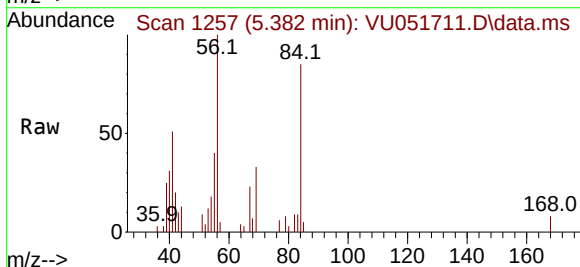
Tgt Ion: 56 Resp: 8033

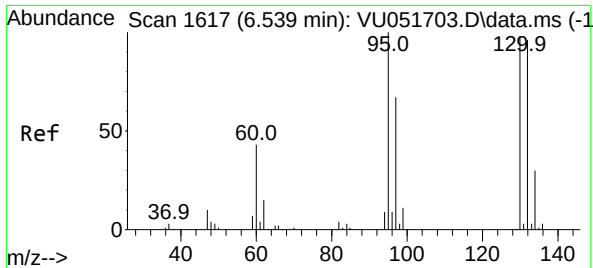
Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 88.6 71.4 107.0





#34
 Trichloroethene
 Concen: 11.975 ug/L
 RT: 6.540 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

Tgt Ion: 95 Resp: 212426

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	94.5	66.5	123.5
130	99.2	68.3	126.8

