

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057237.D
 Acq On : 26 Dec 2023 16:21
 Operator : MD/SY
 Sample : 05927-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

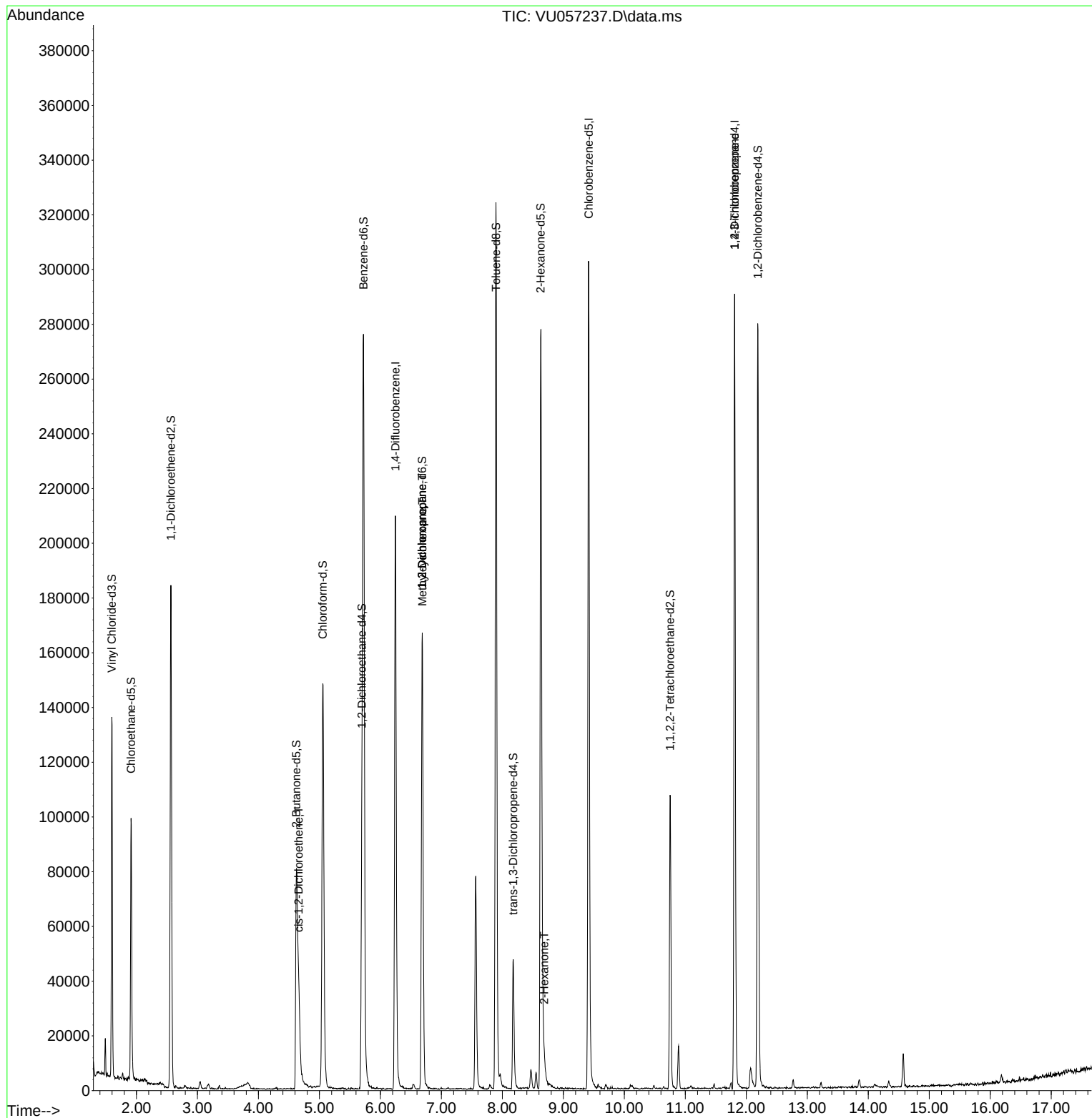
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	167623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93211	5.818	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.400%	
7) Chloroethane-d5	1.911	69	71924	5.454	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.000%	
11) 1,1-Dichloroethene-d2	2.563	65	35804	5.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.200%	
20) 2-Butanone-d5	4.621	46	125429	49.863	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.720%	
24) Chloroform-d	5.055	84	140660	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.695	65	68057	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.721	84	263538	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.685	67	81108	4.674	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.894	98	221507	3.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.177	79	29372	4.067	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.627	63	95179	38.703	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.400%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55775	4.517	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	74385	4.532	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.600%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	10813	0.803	ug/L	95
35) Methylcyclohexane	6.689	83	20166	0.929	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8964	0.639	ug/L #	89
48) 2-Hexanone	8.685	43	3317	0.740	ug/L #	79
61) 1,2,3-Trichloropropane	11.807	75	9699	1.365	ug/L #	64

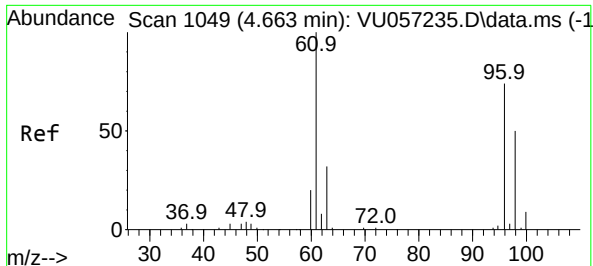
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#22

cis-1,2-Dichloroethene

Concen: 0.803 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057237.D

Acq: 26 Dec 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

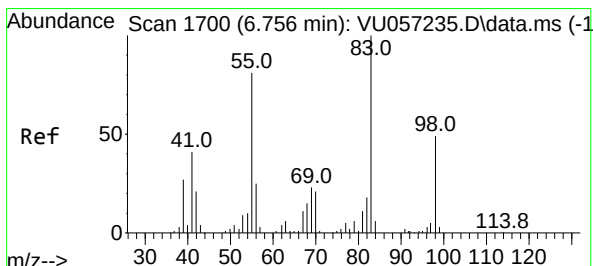
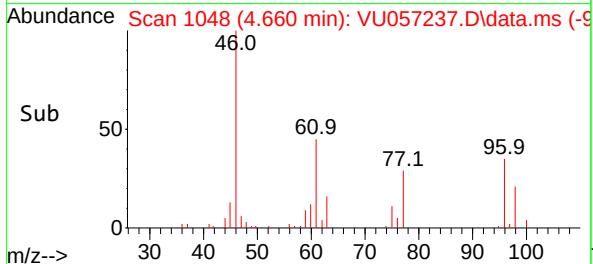
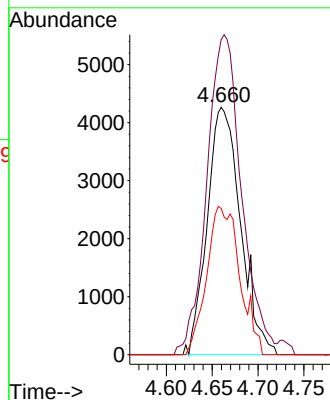
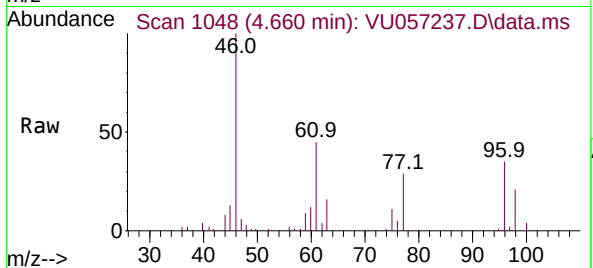
Tgt Ion: 96 Resp: 10813

Ion Ratio Lower Upper

96 100

61 127.4 86.8 161.2

98 59.1 45.5 84.5



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.068 min

Lab File: VU057237.D

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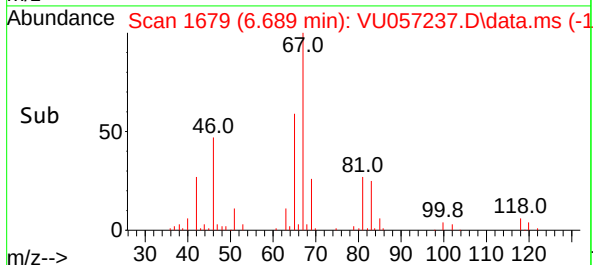
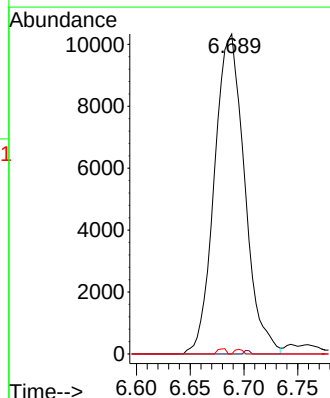
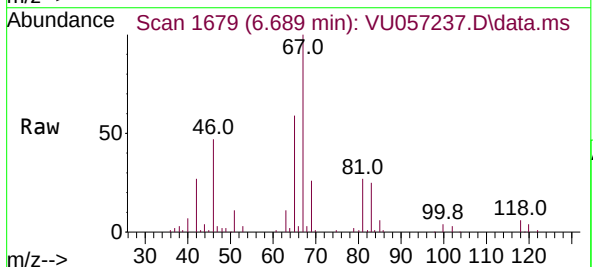
Tgt Ion: 83 Resp: 20166

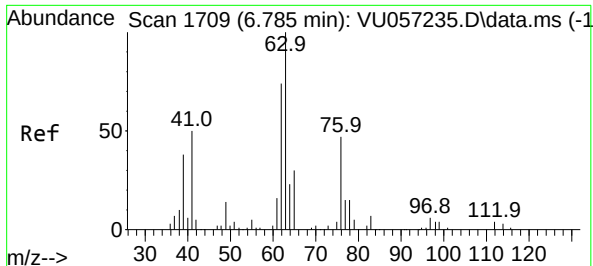
Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.5 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057237.D

Acq: 26 Dec 2023 16:21

Instrument :

MSVOA_U

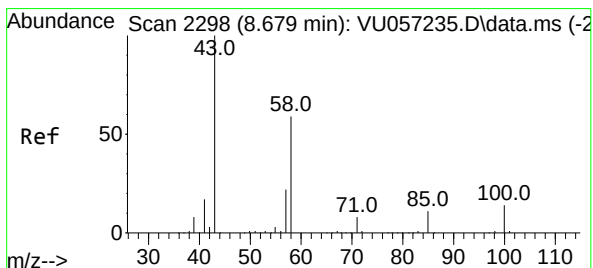
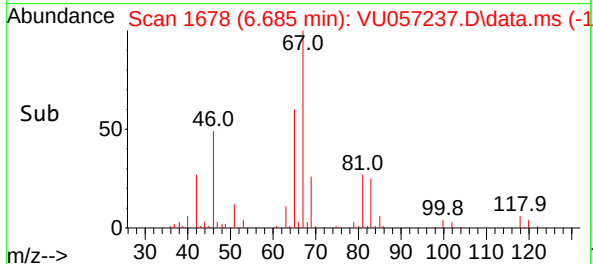
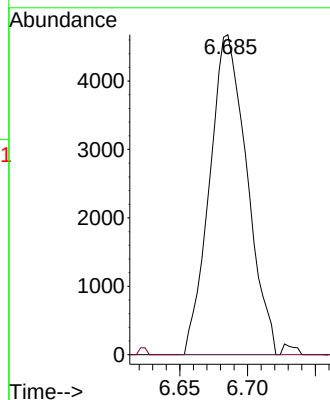
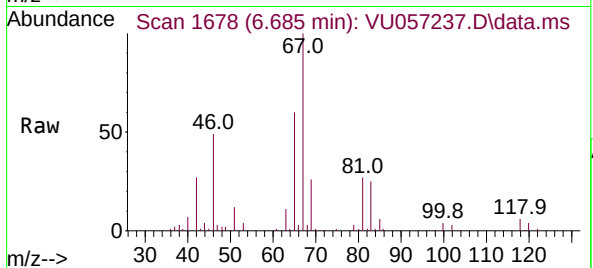
ClientSampleId :

Tgt Ion: 63 Resp: 8964

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#48

2-Hexanone

Concen: 0.740 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU057237.D

Acq: 26 Dec 2023 16:21

Tgt Ion: 43 Resp: 3317

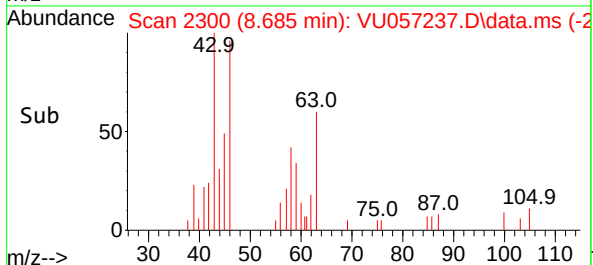
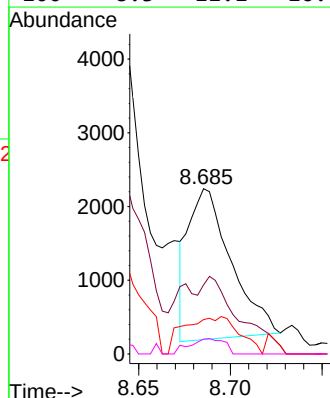
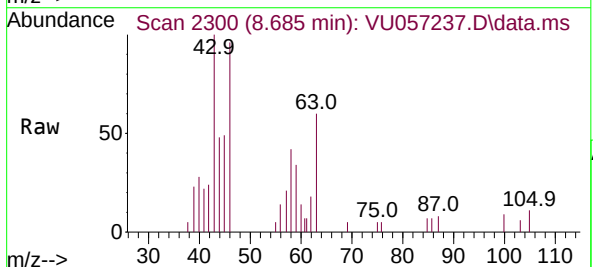
Ion Ratio Lower Upper

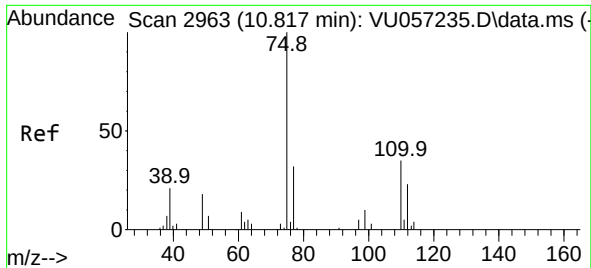
43 100

58 44.4 49.8 74.8#

57 32.0 18.5 27.7#

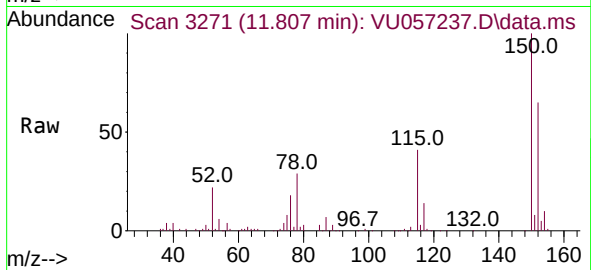
100 8.3 11.1 16.7#





#61
1,2,3-Trichloropropane
Concen: 1.365 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057237.D
Acq: 26 Dec 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	9699
Ion	Ratio	Lower	Upper
75	100		
110	1.2	31.2	46.8#
77	29.3	25.5	38.3

