

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056568.D
 Acq On : 21 Nov 2023 22:49
 Operator : MD/SY
 Sample : 05436-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:00:19 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

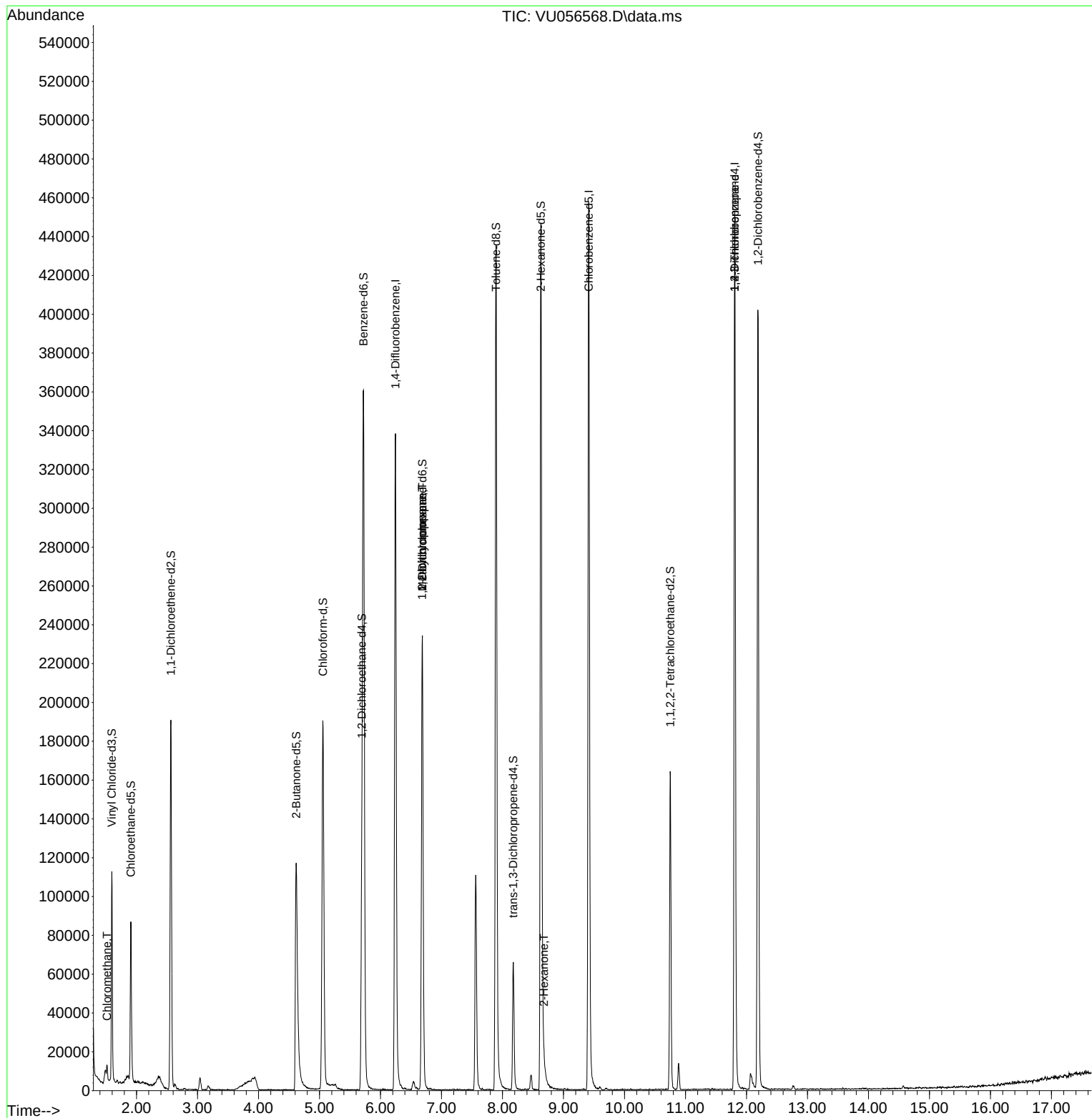
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	277630	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	76765	3.697	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.907	69	61673	3.873	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.563	65	36430	3.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	4.618	46	188164	45.442	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.880%	
24) Chloroform-d	5.055	84	180351	4.490	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.695	65	91755	4.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.721	84	347488	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.685	67	112703	4.604	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.894	98	306611	4.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.177	79	40646	4.330	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.627	63	154129	41.777	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.560%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81017	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	106560	4.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
3) Chloromethane	1.515	50	4375	0.195	ug/L	90
35) Methylcyclohexane	6.685	83	27343	0.894	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	12841	0.633	ug/L #	88
48) 2-Hexanone	8.682	43	4869	0.622	ug/L #	40
61) 1,2,3-Trichloropropane	11.807	75	14853	1.464	ug/L #	67

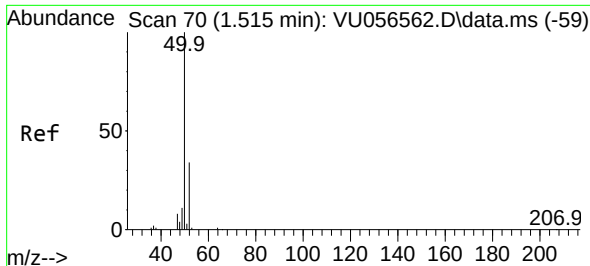
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
Data File : VU056568.D
Acq On : 21 Nov 2023 22:49
Operator : MD/SY
Sample : 05436-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 01:00:19 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

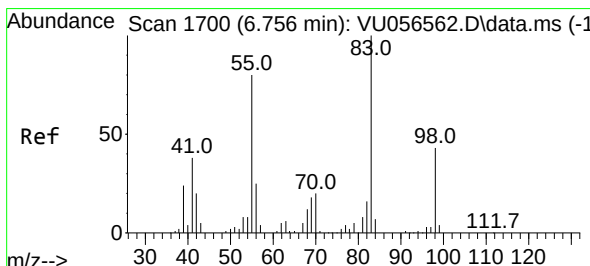
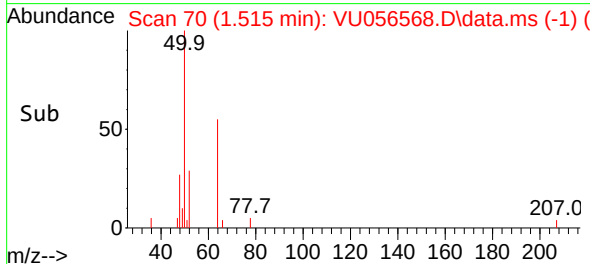
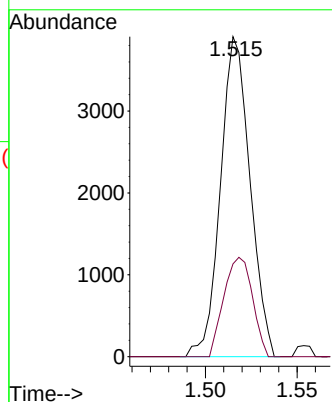
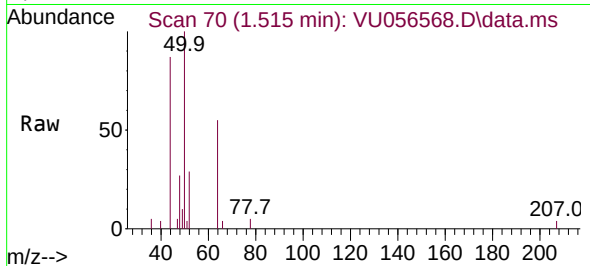




#3
Chloromethane
Concen: 0.195 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056568.D
Acq: 21 Nov 2023 22:49

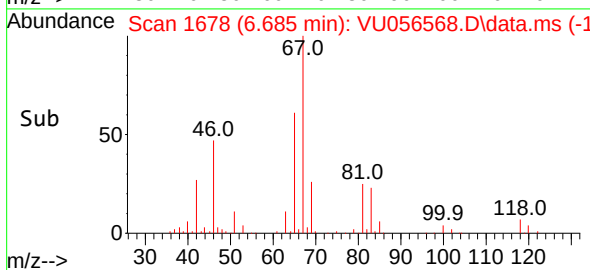
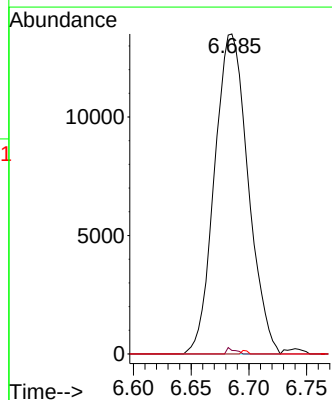
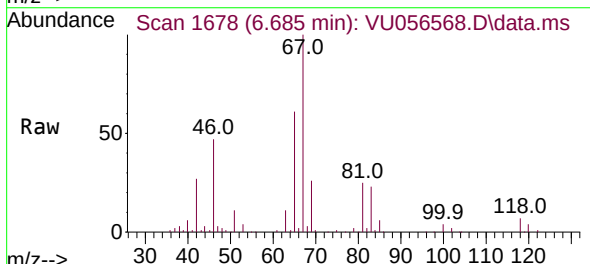
Instrument :
MSVOA_U
ClientSampleId :

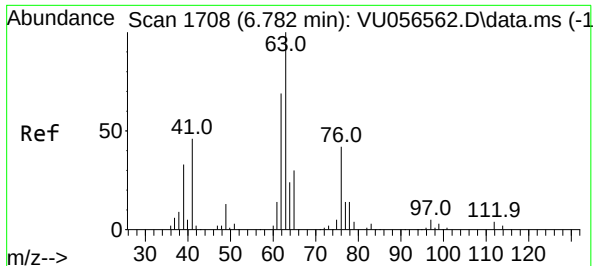
Tgt Ion: 50 Resp: 4375
Ion Ratio Lower Upper
50 100
52 29.0 24.3 45.1



#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056568.D
Acq: 21 Nov 2023 22:49

Tgt Ion: 83 Resp: 27343
Ion Ratio Lower Upper
83 100
55 0.5 62.9 94.3#
98 0.2 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056568.D

Acq: 21 Nov 2023 22:49

Instrument :

MSVOA_U

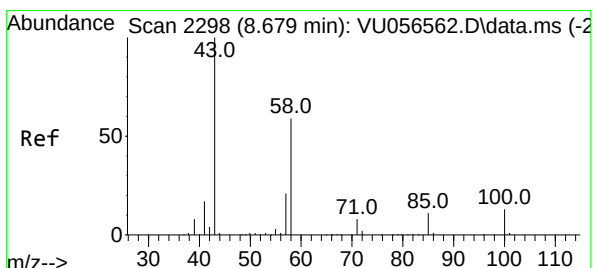
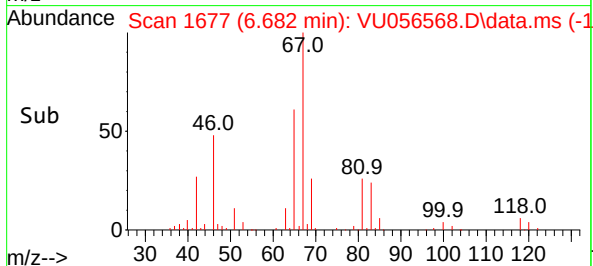
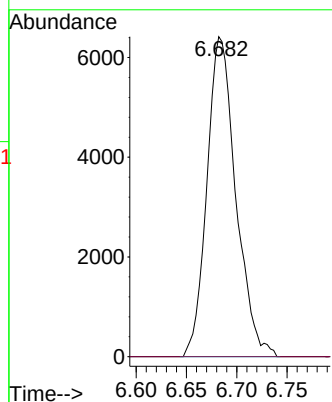
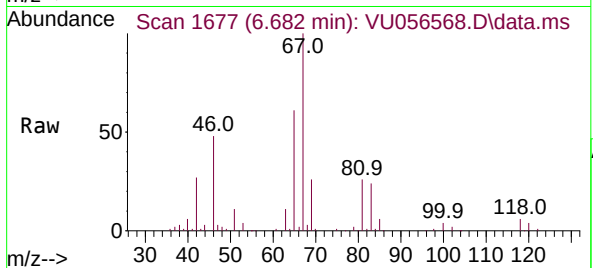
ClientSampleId :

Tgt Ion: 63 Resp: 12841

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#48

2-Hexanone

Concen: 0.622 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

Lab File: VU056568.D

Acq: 21 Nov 2023 22:49

Tgt Ion: 43 Resp: 4869

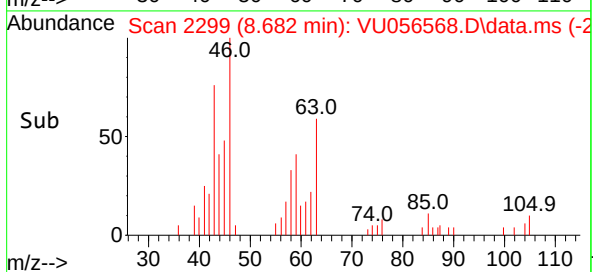
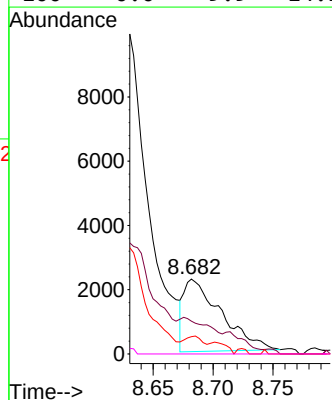
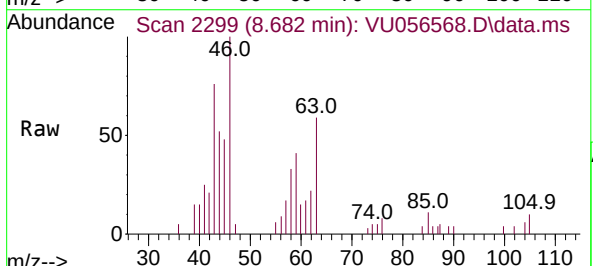
Ion Ratio Lower Upper

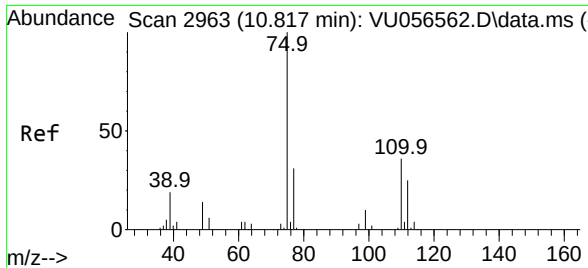
43 100

58 0.0 48.7 73.1#

57 12.5 16.8 25.2#

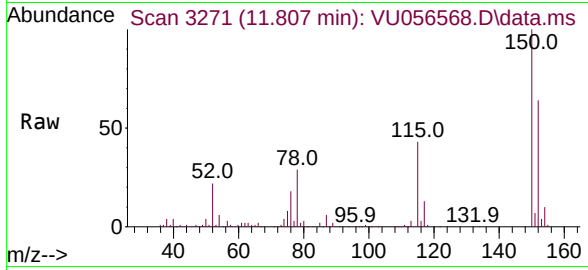
100 0.0 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056568.D
Acq: 21 Nov 2023 22:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	14853
Ion	Ratio	Lower	Upper
75	100		
110	2.4	30.4	45.6#
77	31.8	27.0	40.6

