

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056732.D
 Acq On : 11 Dec 2023 15:17
 Operator : MD/SY
 Sample : 05627-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC4

Quant Time: Dec 12 01:10:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

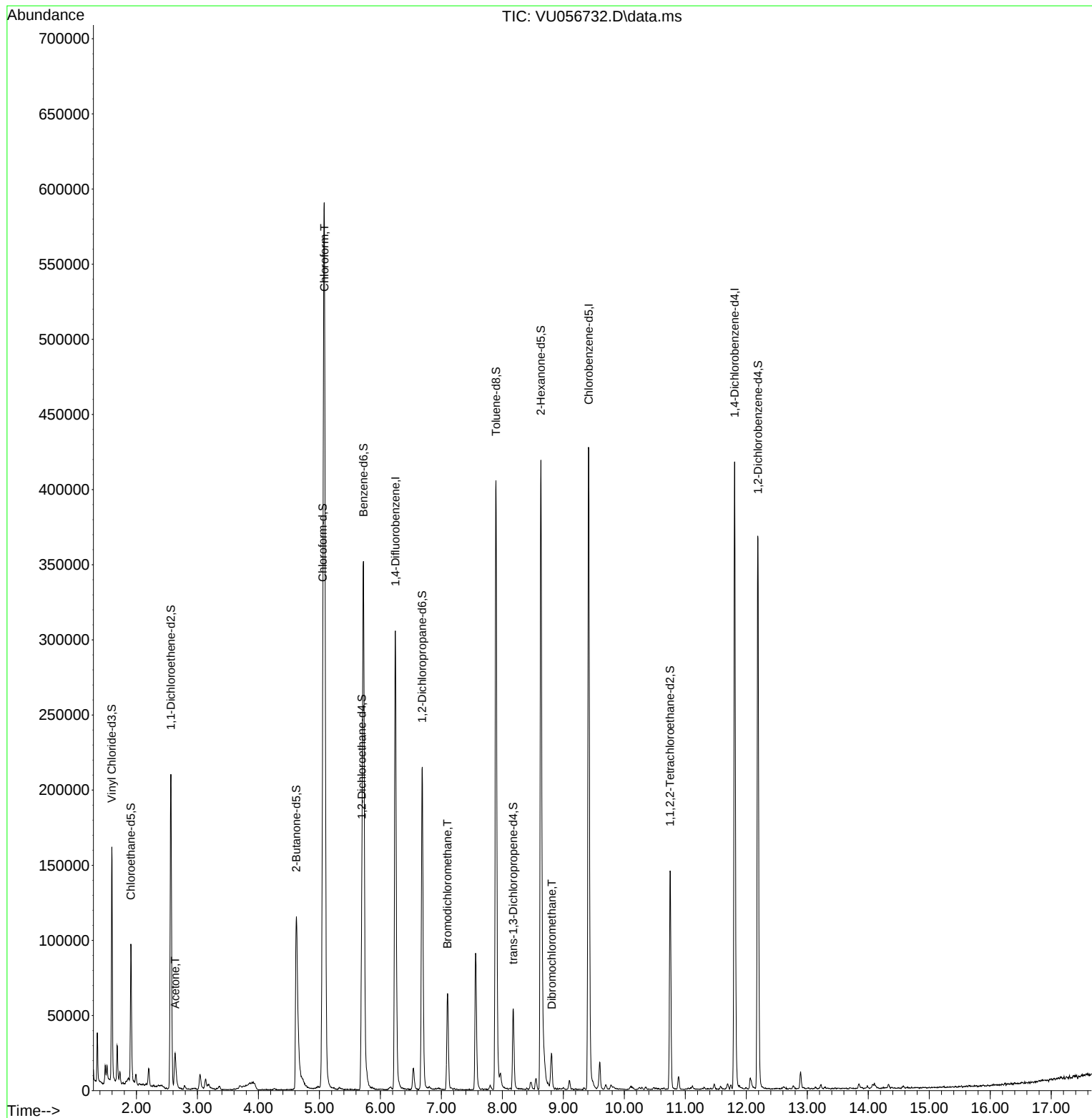
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249575	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94740	4.429	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.908	69	67164	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.563	65	41230	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.621	46	190868	45.179	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.360%
24) Chloroform-d	5.055	84	193042	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	84023	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.721	84	339650	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.685	67	106780	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.894	98	287013	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	33895	3.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.631	63	142951	39.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	75461	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	96960	4.524	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
13) Acetone	2.634	43	32848	12.758	ug/L	99
25) Chloroform	5.081	83	499816	12.073	ug/L	99
38) Bromodichloromethane	7.100	83	43001	1.461	ug/L	99
49) Dibromochloromethane	8.808	129	11009	0.614	ug/L	96

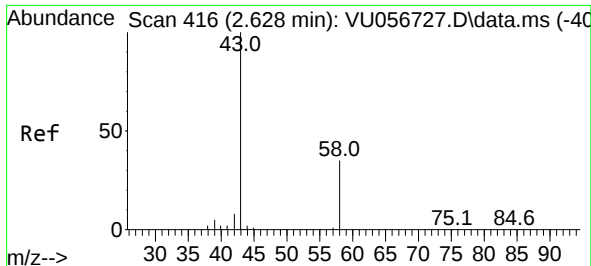
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.758 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

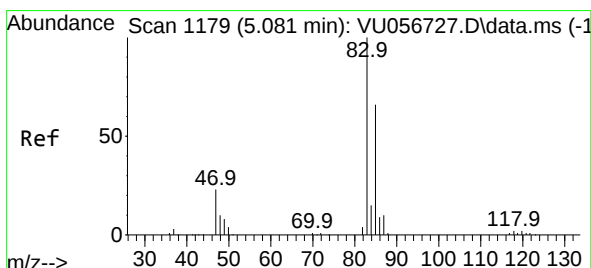
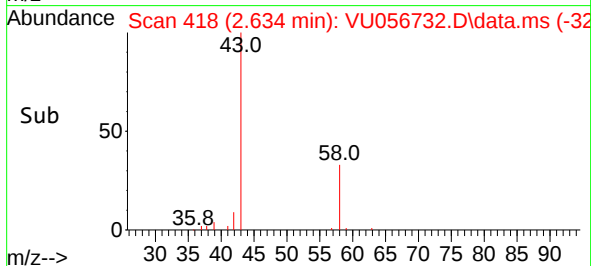
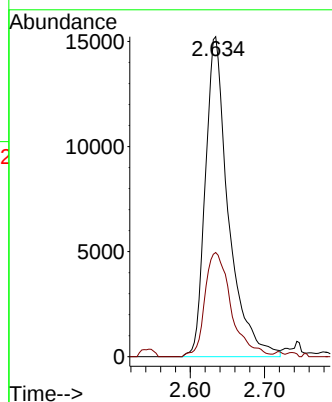
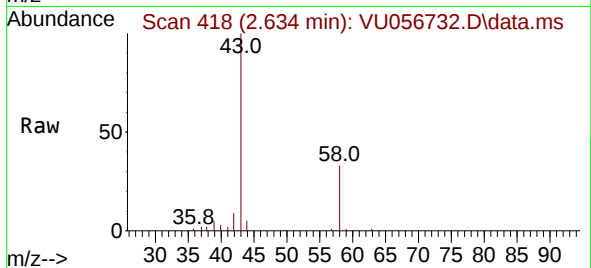
DCLC4

Tgt Ion: 43 Resp: 32848

Ion Ratio Lower Upper

43 100

58 37.1 0.0 72.6



#25

Chloroform

Concen: 12.073 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

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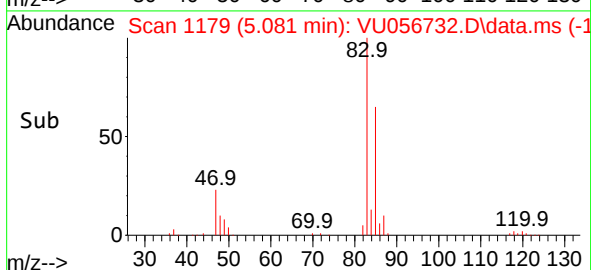
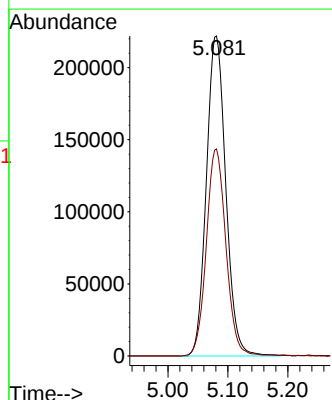
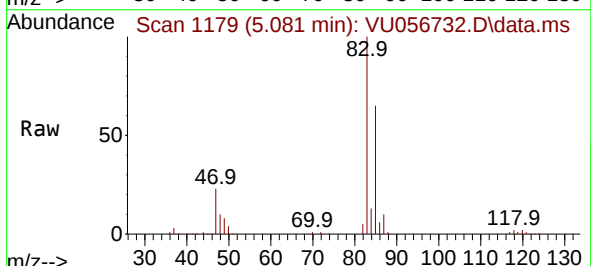
Acq: 11 Dec 2023 15:17

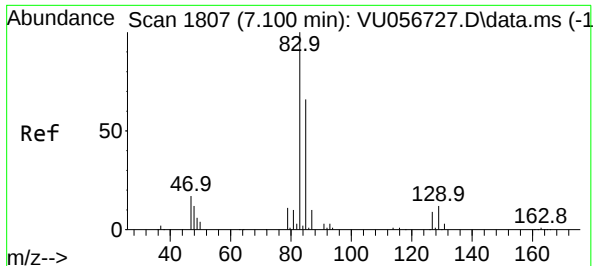
Tgt Ion: 83 Resp: 499816

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0

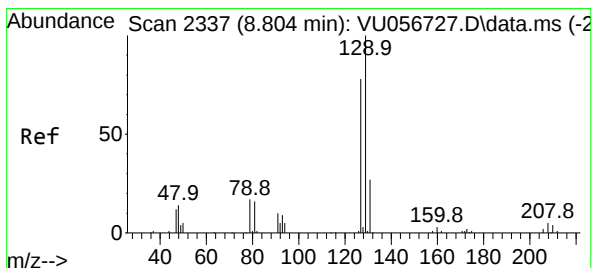
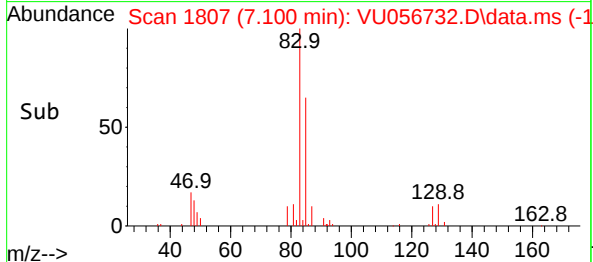
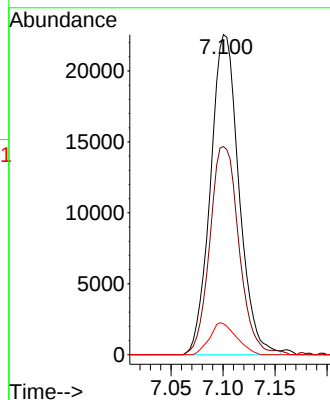
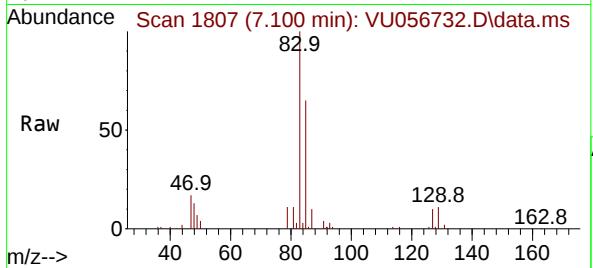




#38
Bromodichloromethane
Concen: 1.461 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
DCLC4

Tgt Ion: 83 Resp: 43001
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6
127 9.6 7.0 10.4



#49
Dibromochloromethane
Concen: 0.614 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056732.D
Acq: 11 Dec 2023 15:17

Tgt Ion: 129 Resp: 11009
Ion Ratio Lower Upper
129 100
127 73.8 53.9 100.1

