

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056730.D
 Acq On : 11 Dec 2023 14:28
 Operator : MD/SY
 Sample : 05627-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC1

Quant Time: Dec 12 01:09:32 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)

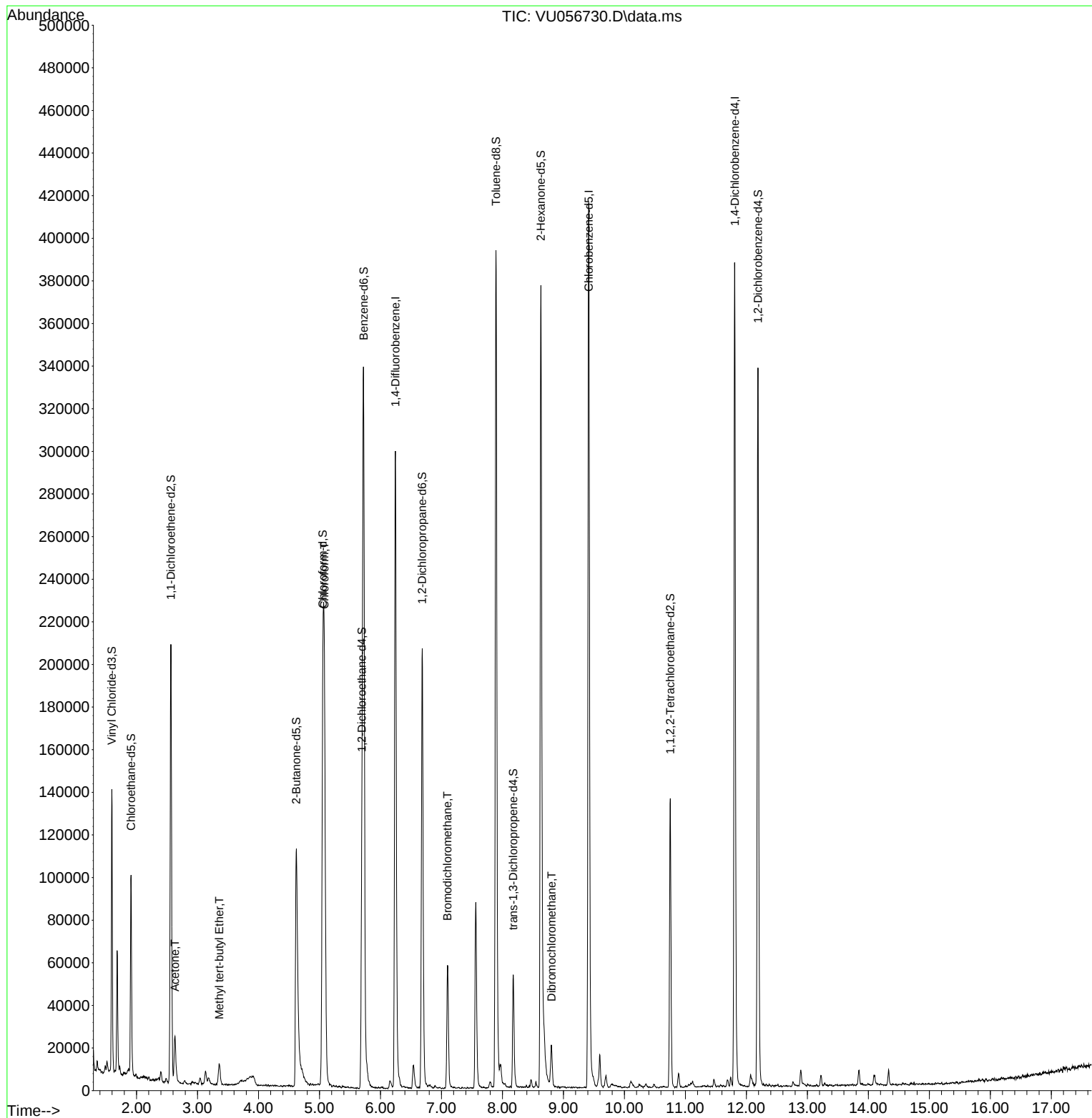
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	248066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91263	4.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.911	69	71151	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	39974	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.621	46	180057	43.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.540%
24) Chloroform-d	5.055	84	172270	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	82730	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.724	84	329994	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	101996	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.894	98	276423	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.177	79	33064	3.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.631	63	126995	36.053	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69524	3.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	86794	4.186	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	29634	11.822	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	10361	0.237	ug/L	95
25) Chloroform	5.081	83	148952	3.695	ug/L	100
38) Bromodichloromethane	7.100	83	40150	1.412	ug/L	99
49) Dibromochloromethane	8.804	129	8348	0.482	ug/L	95

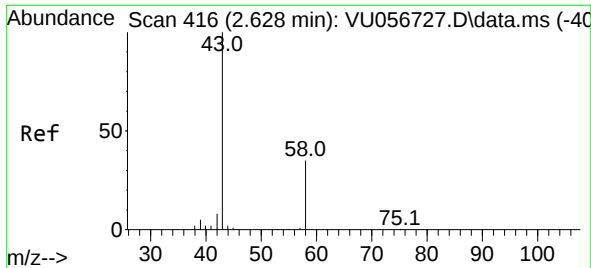
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 12 01:07:35 2023
Response via : Initial Calibration





#13

Acetone

Concen: 11.822 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056730.D

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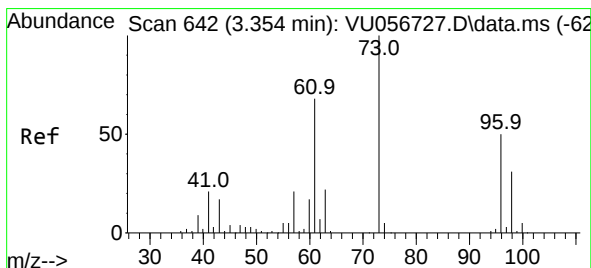
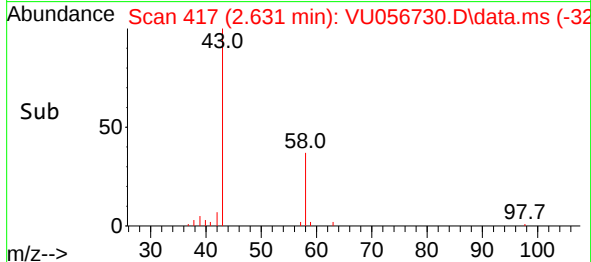
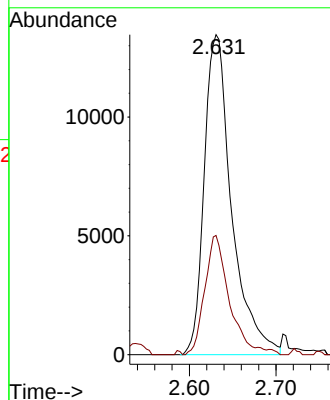
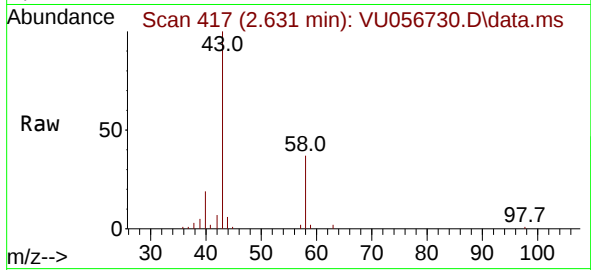
DCLC1

Tgt Ion: 43 Resp: 29634

Ion Ratio Lower Upper

43 100

58 33.6 0.0 72.6



#17

Methyl tert-butyl Ether

Concen: 0.237 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU056730.D

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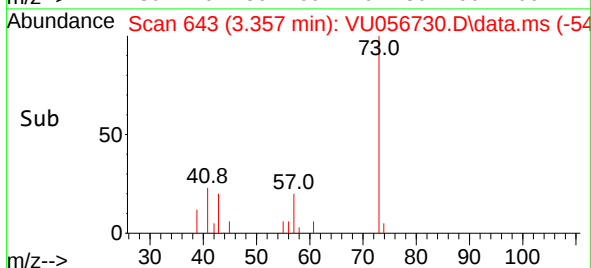
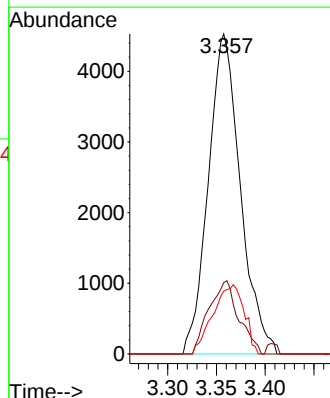
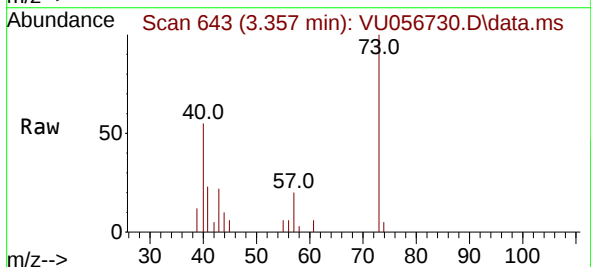
Tgt Ion: 73 Resp: 10361

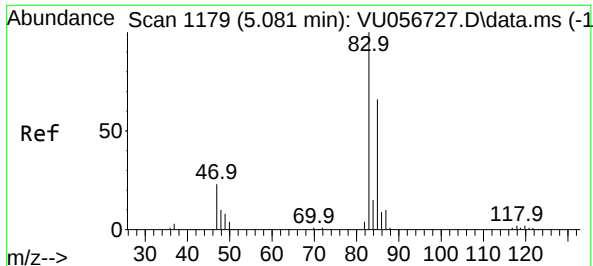
Ion Ratio Lower Upper

73 100

43 21.3 14.4 21.6

57 21.0 17.8 26.8





#25

Chloroform

Concen: 3.695 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056730.D

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Instrument :

MSVOA_U

ClientSampleId :

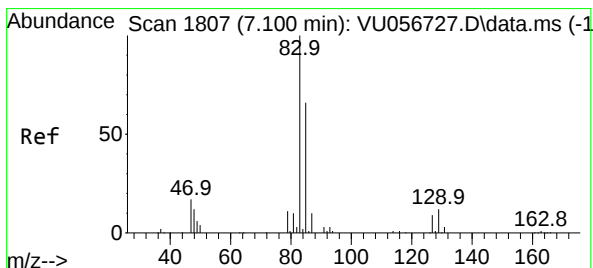
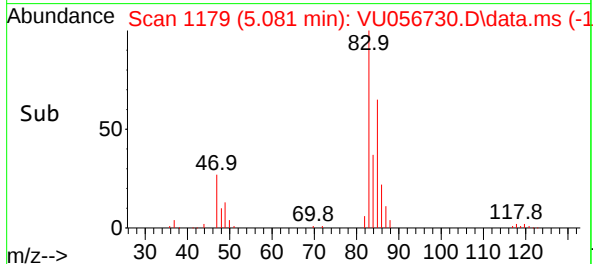
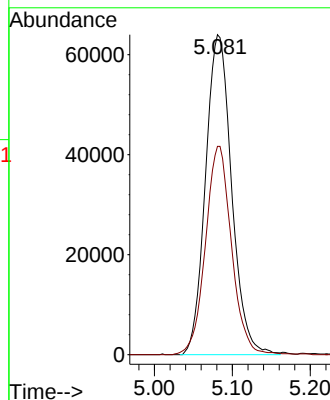
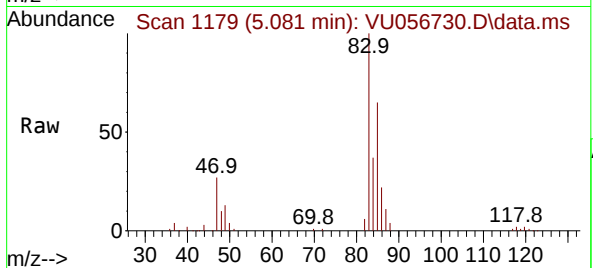
DCLC1

Tgt Ion: 83 Resp: 148952

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.0



#38

Bromodichloromethane

Concen: 1.412 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056730.D

Acq: 11 Dec 2023 14:28

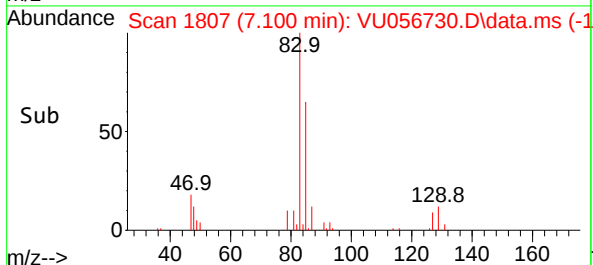
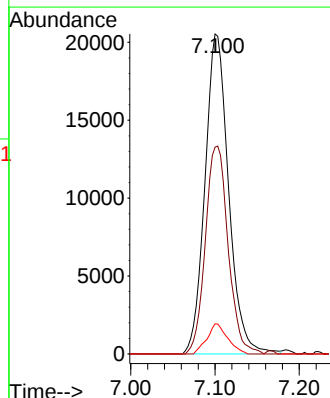
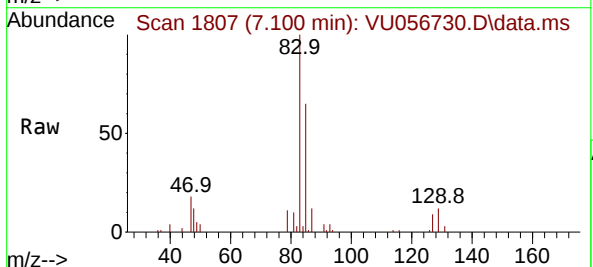
Tgt Ion: 83 Resp: 40150

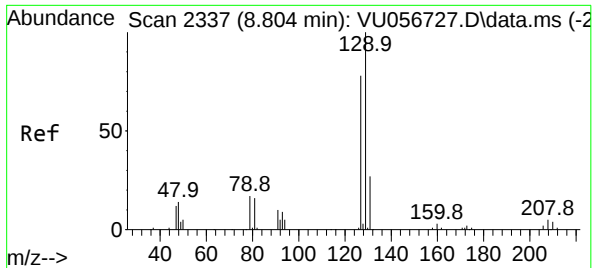
Ion Ratio Lower Upper

83 100

85 64.6 45.0 83.6

127 9.4 7.0 10.4





#49
 Dibromochloromethane
 Concen: 0.482 ug/L
 RT: 8.804 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056730.D
 Acq: 11 Dec 2023 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC1

Tgt Ion:129 Resp: 8348
 Ion Ratio Lower Upper
 129 100
 127 81.7 53.9 100.1

