

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056950.D
 Acq On : 17 Dec 2023 02:40
 Operator : MD/SY
 Sample : 05811-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B05

Quant Time: Dec 17 02:58:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

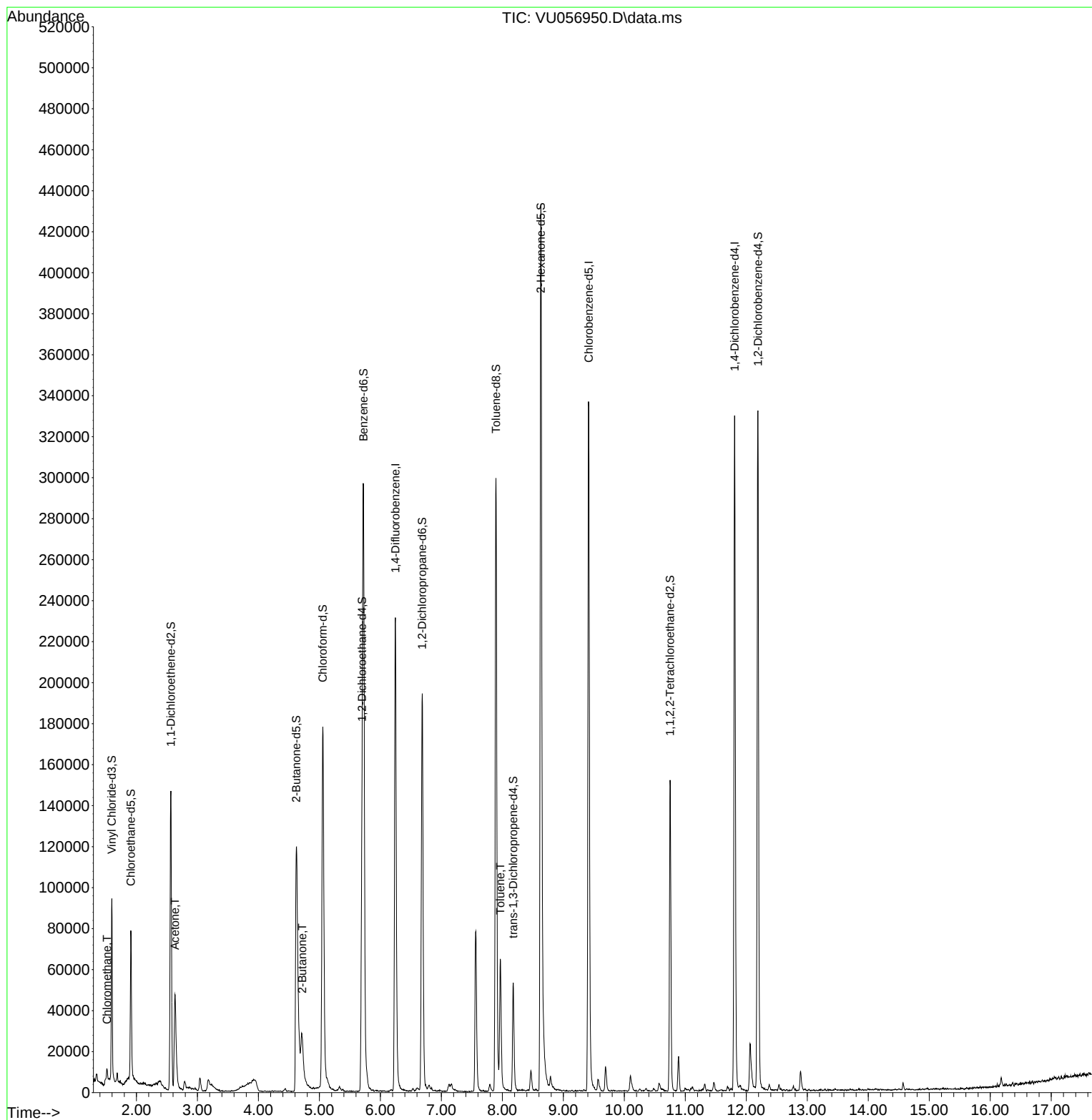
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61764	3.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.908	69	52033	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	28528	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.621	46	200882	63.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.560%
24) Chloroform-d	5.055	84	159709	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.698	65	78708	5.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	289614	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.686	67	97670	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	210887	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	30878	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.631	63	149111	52.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77646	5.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	87317	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3197	0.167	ug/L	96
13) Acetone	2.631	43	66925	34.869	ug/L	96
21) 2-Butanone	4.718	43	42437	13.111	ug/L	93
42) Toluene	7.965	91	48613	0.669	ug/L	98

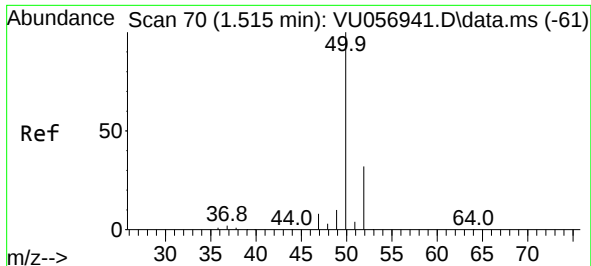
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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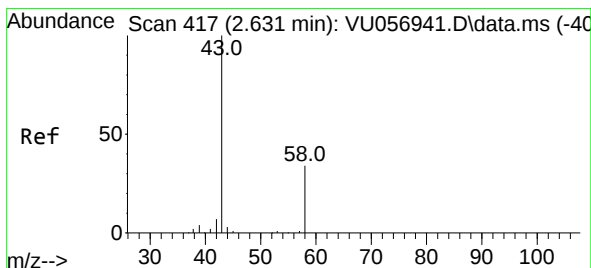
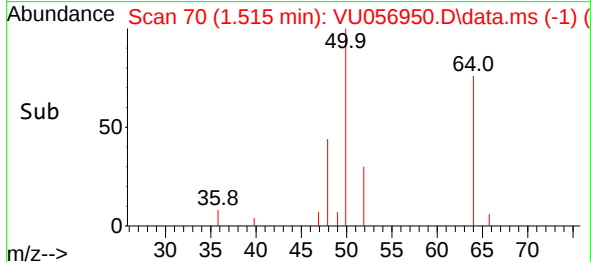
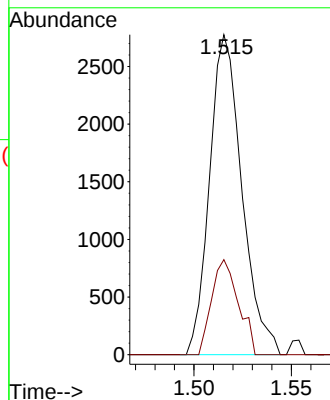
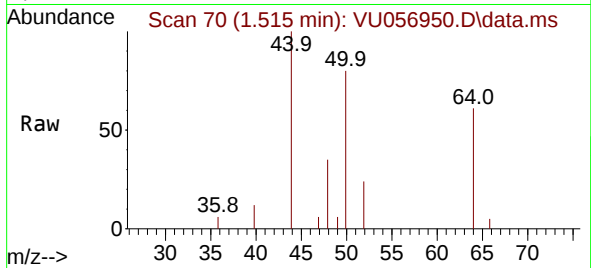




#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056950.D
Acq: 17 Dec 2023 02:40

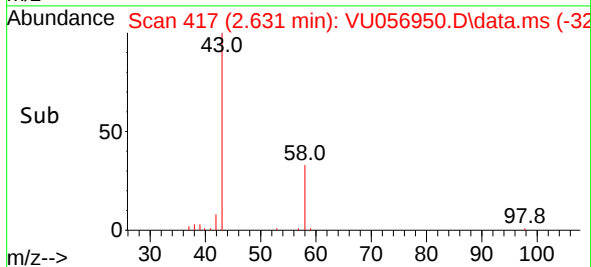
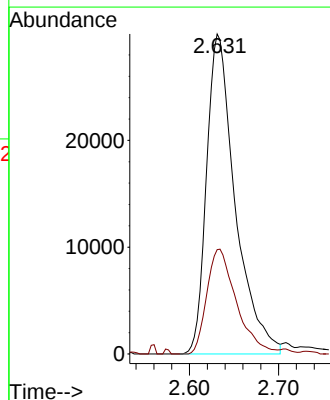
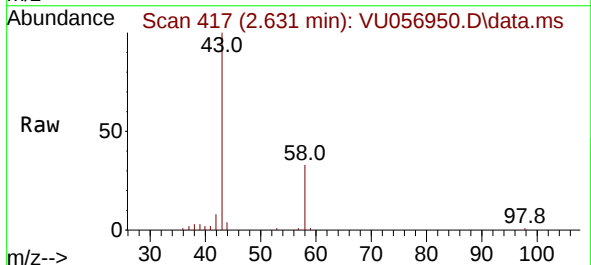
Instrument :
MSVOA_U
ClientSampleId :
F7B05

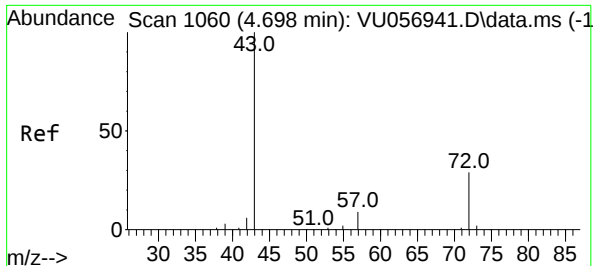
Tgt Ion: 50 Resp: 3197
Ion Ratio Lower Upper
50 100
52 29.7 22.5 41.7



#13
Acetone
Concen: 34.869 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU056950.D
Acq: 17 Dec 2023 02:40

Tgt Ion: 43 Resp: 66925
Ion Ratio Lower Upper
43 100
58 33.9 0.0 72.6

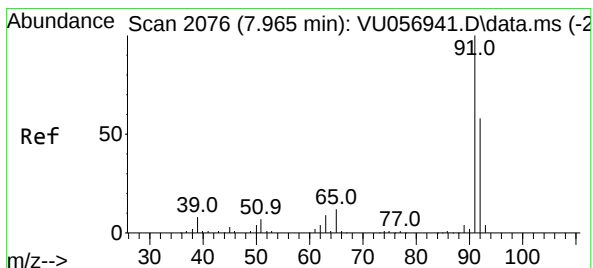
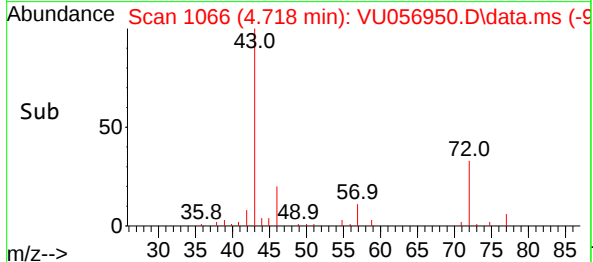
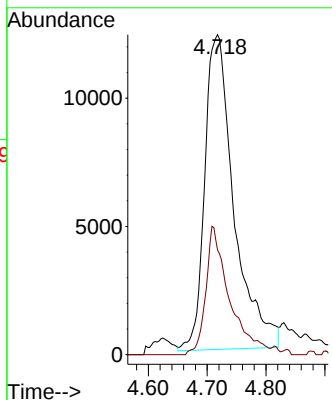
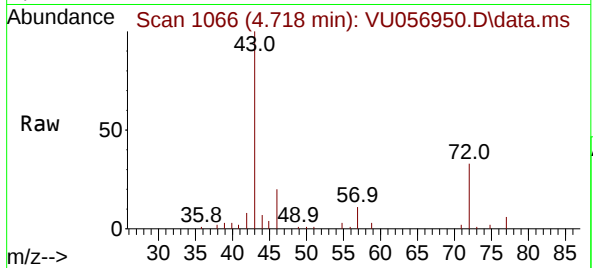




#21
2-Butanone
Concen: 13.111 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.019 min
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Acq: 17 Dec 2023 02:40

Instrument :
MSVOA_U
ClientSampleId :
F7B05

Tgt Ion: 43 Resp: 42437
Ion Ratio Lower Upper
43 100
72 32.8 14.6 43.8



#42
Toluene
Concen: 0.669 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056950.D
Acq: 17 Dec 2023 02:40

Tgt Ion: 91 Resp: 48613
Ion Ratio Lower Upper
91 100
92 56.3 40.4 75.0

