

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056948.D
 Acq On : 17 Dec 2023 01:51
 Operator : MD/SY
 Sample : 05811-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B44

Quant Time: Dec 17 02:58:35 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)

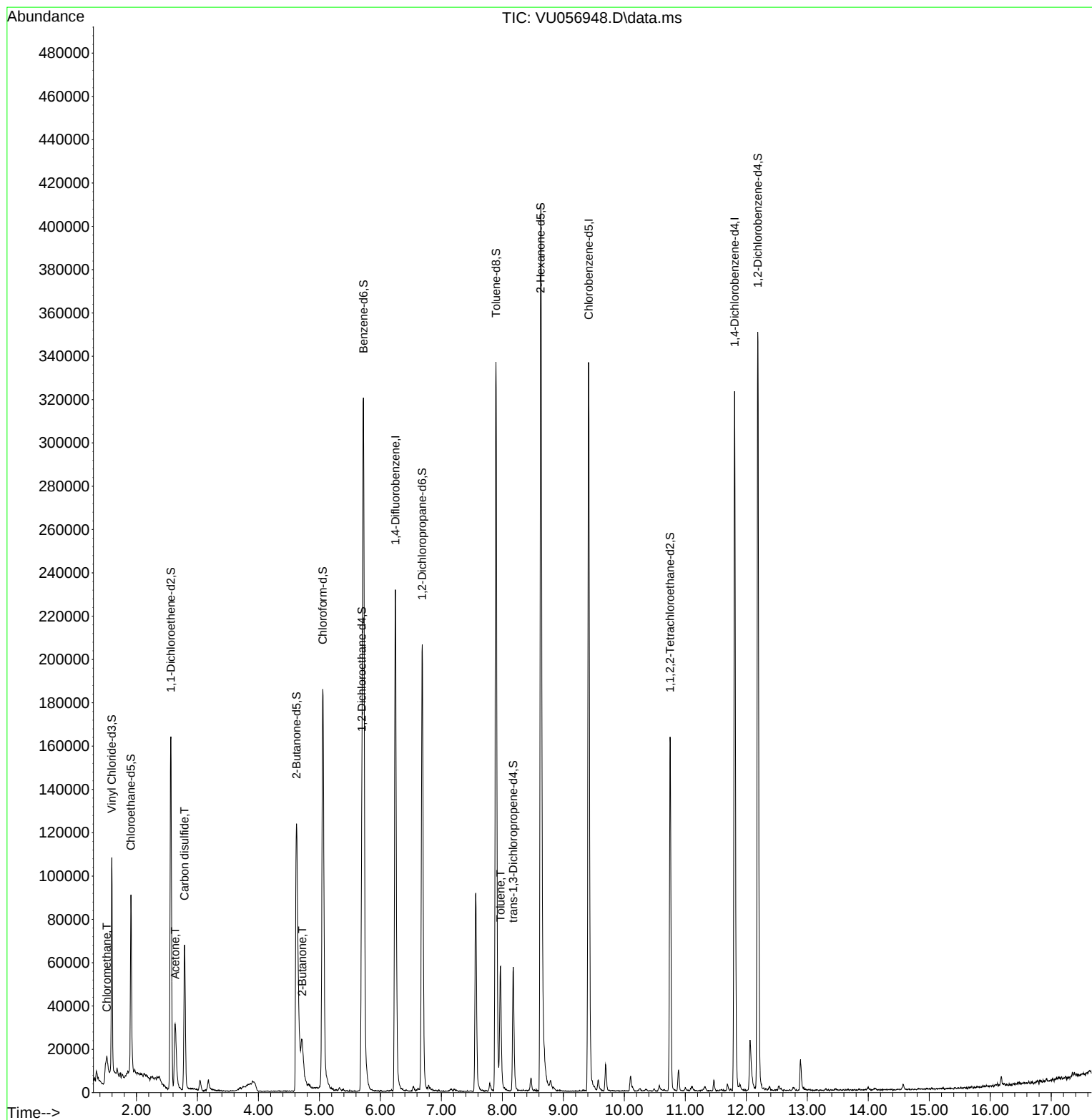
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69028	4.254	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.908	69	61914	5.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.563	65	32218	4.641	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.624	46	214557	66.957	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.920%#	
24) Chloroform-d	5.055	84	171745	5.589	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.800%	
26) 1,2-Dichloroethane-d4	5.695	65	83441	5.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	5.721	84	308208	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.685	67	102932	5.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.894	98	239096	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.177	79	35131	4.693	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.627	63	141712	50.194	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.380%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83483	5.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	95199	5.600	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2973	0.152	ug/L	92
13) Acetone	2.634	43	47573	24.361	ug/L	99
14) Carbon disulfide	2.788	76	88723	1.664	ug/L	98
21) 2-Butanone	4.718	43	36496	11.082	ug/L	96
42) Toluene	7.968	91	43445	0.601	ug/L	97

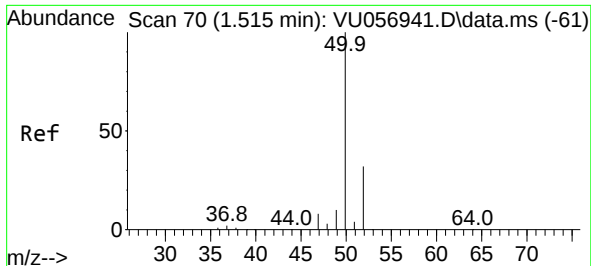
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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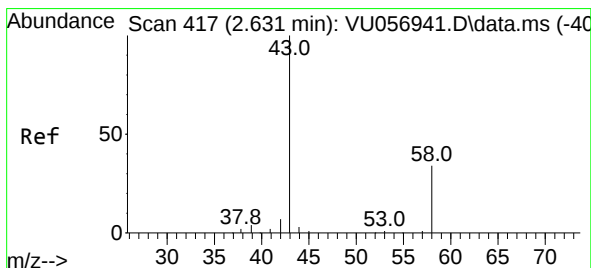
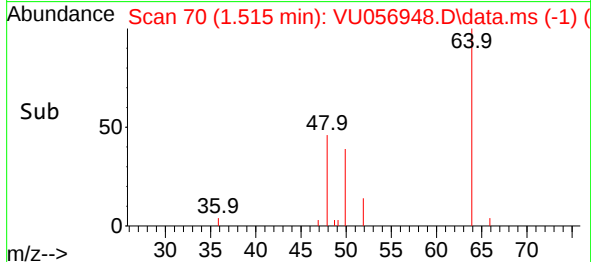
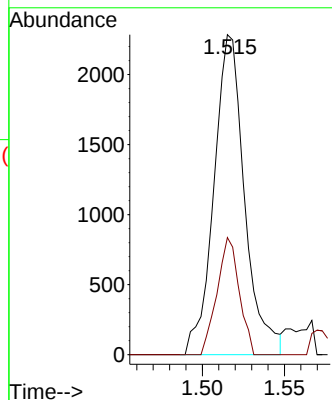
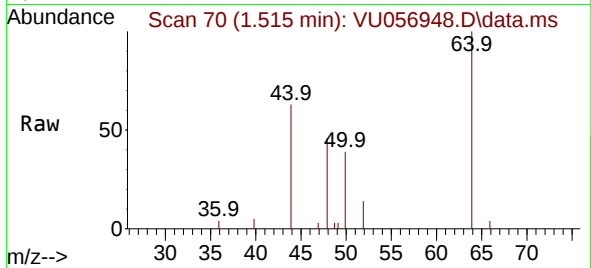




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056948.D
Acq: 17 Dec 2023 01:51

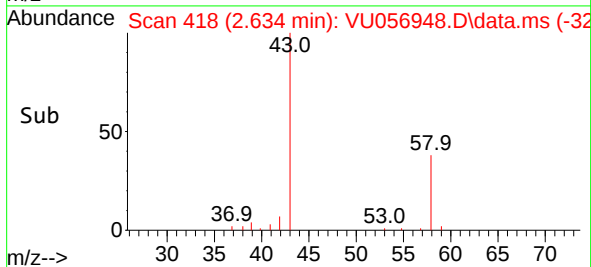
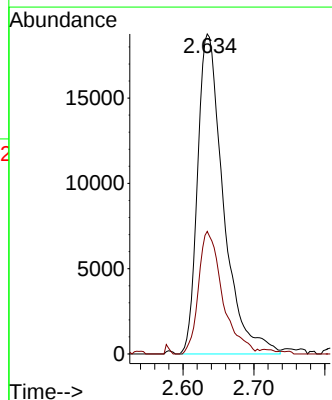
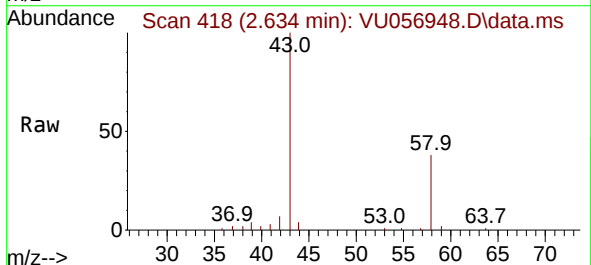
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MSVOA_U
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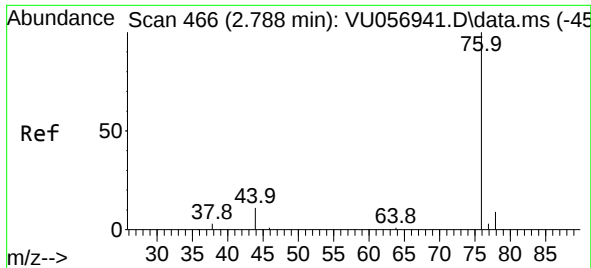
Tgt Ion: 50 Resp: 2973
Ion Ratio Lower Upper
50 100
52 36.6 22.5 41.7



#13
Acetone
Concen: 24.361 ug/L
RT: 2.634 min Scan# 418
Delta R.T. 0.006 min
Lab File: VU056948.D
Acq: 17 Dec 2023 01:51

Tgt Ion: 43 Resp: 47573
Ion Ratio Lower Upper
43 100
58 35.6 0.0 72.6

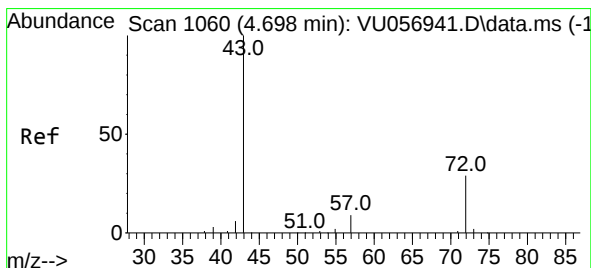
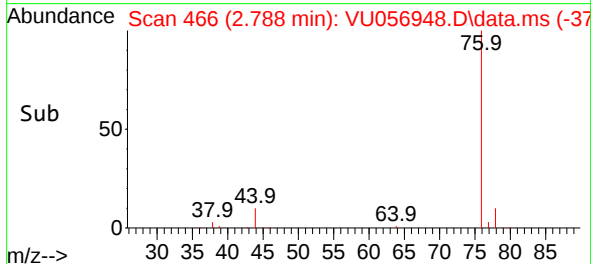
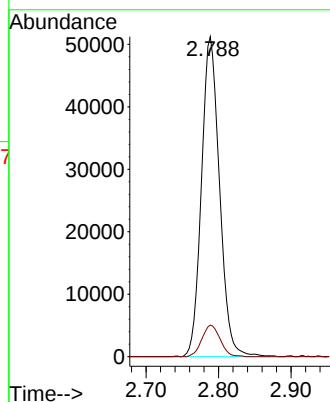
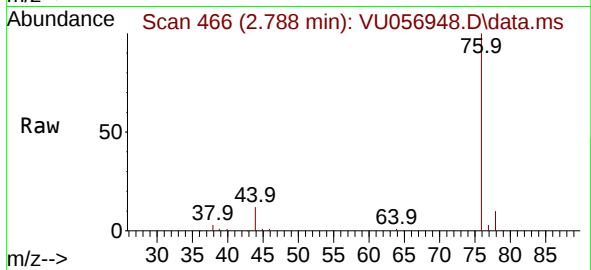




#14
Carbon disulfide
Concen: 1.664 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU056948.D
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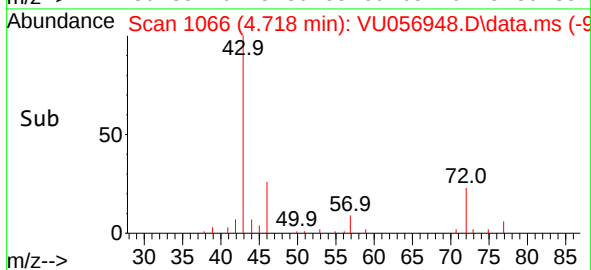
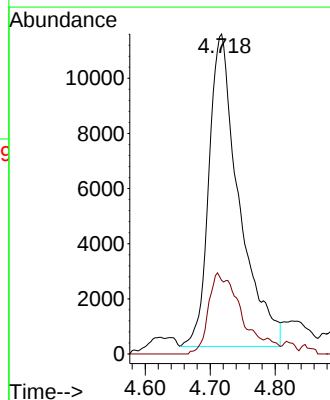
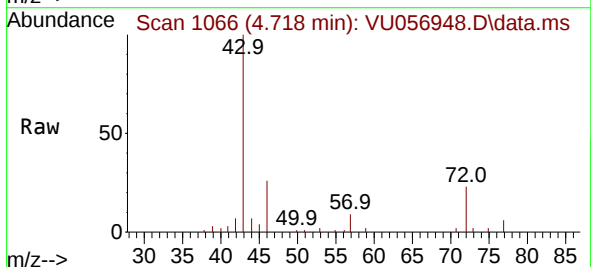
Instrument :
MSVOA_U
ClientSampleId :
F7B44

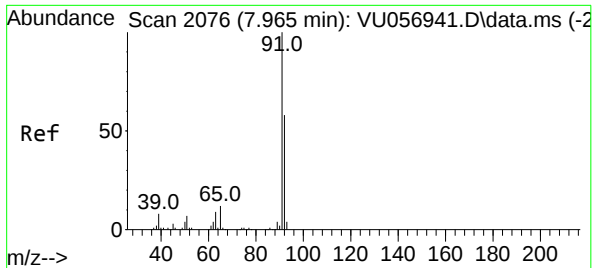
Tgt Ion: 76 Resp: 88723
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#21
2-Butanone
Concen: 11.082 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.019 min
Lab File: VU056948.D
Acq: 17 Dec 2023 01:51

Tgt Ion: 43 Resp: 36496
Ion Ratio Lower Upper
43 100
72 27.1 14.6 43.8





#42
Toluene
Concen: 0.601 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056948.D
Acq: 17 Dec 2023 01:51

Instrument :
MSVOA_U
ClientSampleId :
F7B44

Tgt Ion: 91 Resp: 43445
Ion Ratio Lower Upper
91 100
92 55.8 40.4 75.0

