

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057100.D
 Acq On : 20 Dec 2023 18:28
 Operator : MD/SY
 Sample : 05866-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C41

Quant Time: Dec 20 23:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

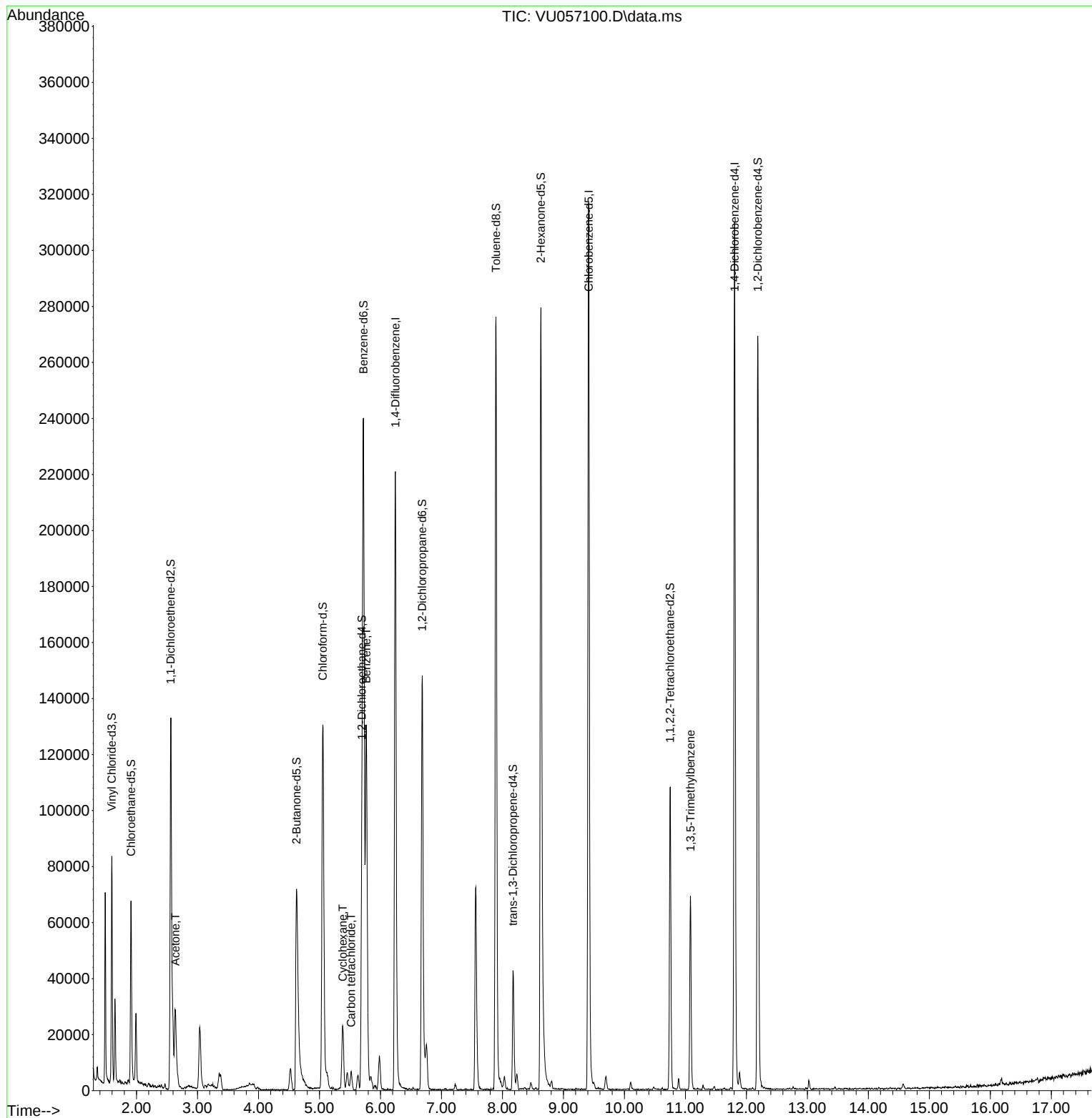
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57121	3.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.910	69	46241	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.560	65	24796	3.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.624	46	120697	39.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.840%
24) Chloroform-d	5.055	84	129382	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	64525	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	227521	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	70141	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.894	98	192902	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.174	79	26532	3.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.630	63	92468	35.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53224	4.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	68849	4.383	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds					Qvalue	
13) Acetone	2.637	43	43018	23.348	ug/L	96
30) Cyclohexane	5.380	56	10057	0.406	ug/L	92
31) Carbon tetrachloride	5.518	117	4619	0.201	ug/L	98
33) Benzene	5.769	78	124570	1.941	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	38589	0.748	ug/L	99

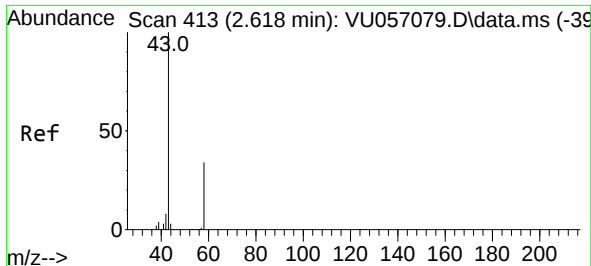
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.348 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU057100.D

Acq: 20 Dec 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

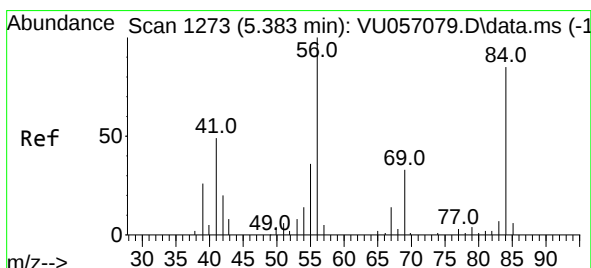
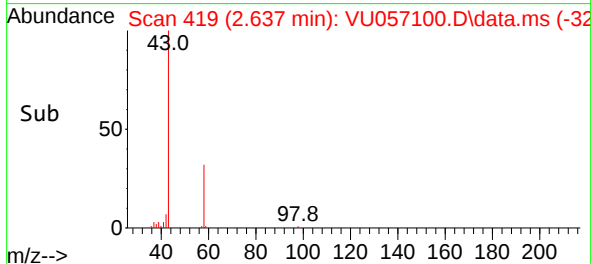
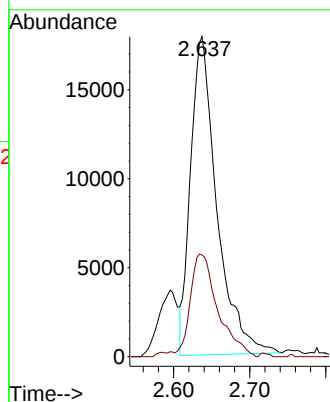
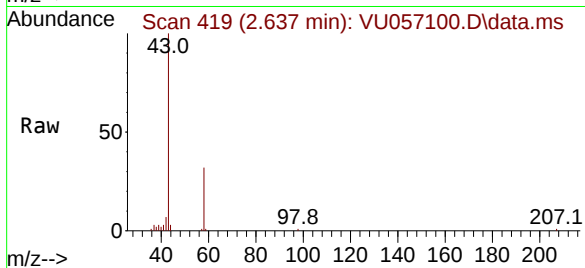
F7C41

Tgt Ion: 43 Resp: 43018

Ion Ratio Lower Upper

43 100

58 34.0 0.0 72.6



#30

Cyclohexane

Concen: 0.406 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU057100.D

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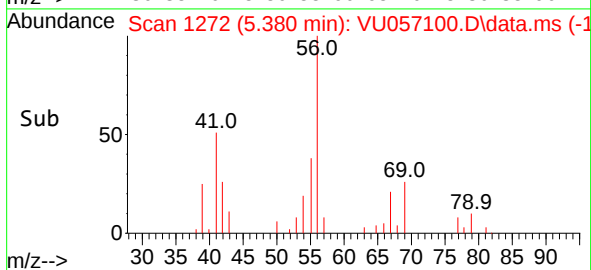
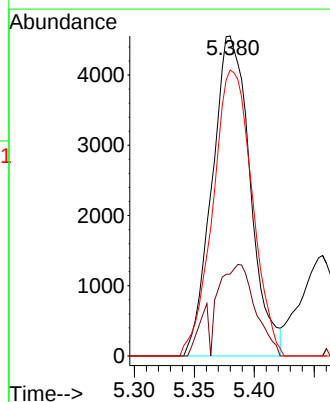
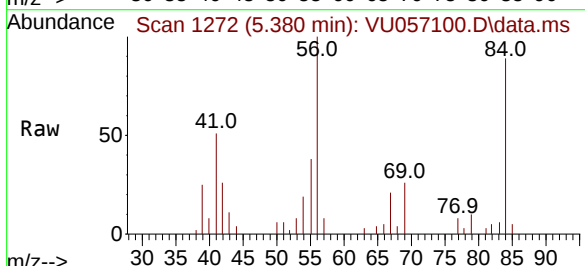
Tgt Ion: 56 Resp: 10057

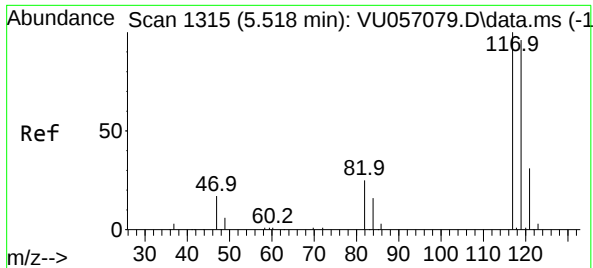
Ion Ratio Lower Upper

56 100

69 27.0 24.9 37.3

84 92.0 67.6 101.4

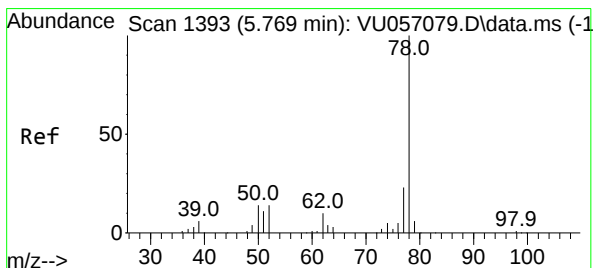
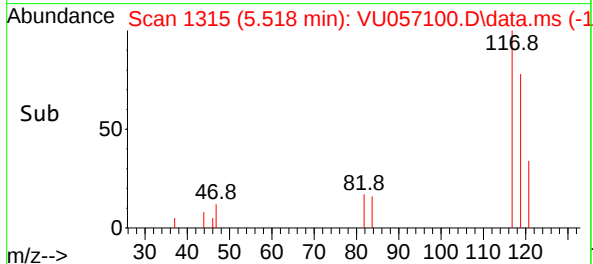
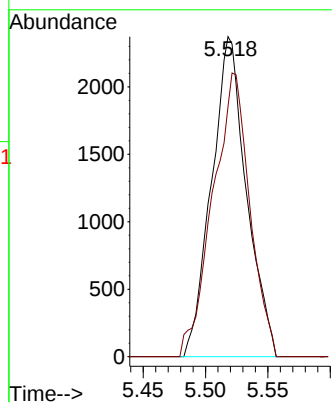
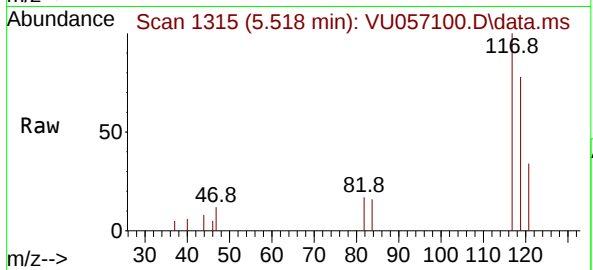




#31
Carbon tetrachloride
Concen: 0.201 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057100.D
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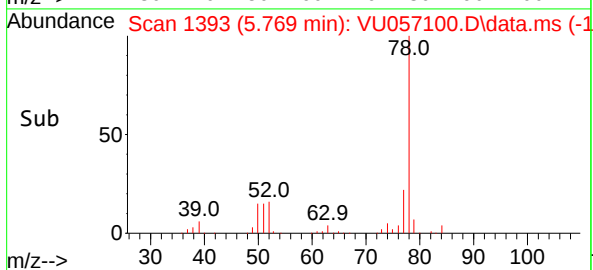
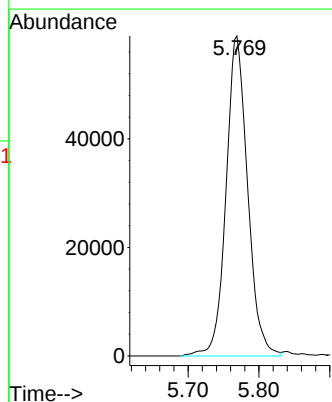
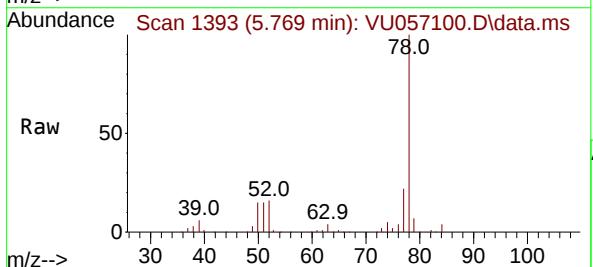
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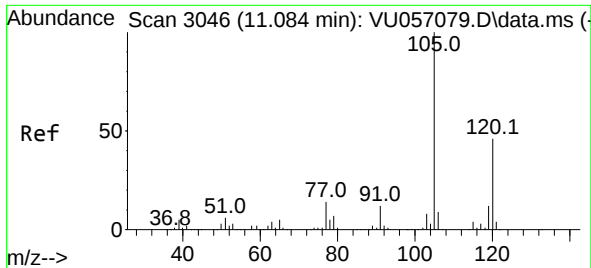
Tgt Ion:117 Resp: 4619
Ion Ratio Lower Upper
117 100
119 93.7 76.2 114.4



#33
Benzene
Concen: 1.941 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057100.D
Acq: 20 Dec 2023 18:28

Tgt Ion: 78 Resp: 124570





#62
 1,3,5-Trimethylbenzene
 Concen: 0.748 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU057100.D
 Acq: 20 Dec 2023 18:28

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C41

Tgt Ion:105 Resp: 38589
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.8 55.2

