

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057424.D
 Acq On : 09 Jan 2024 08:23
 Operator : MD/SY
 Sample : P1058-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 11:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

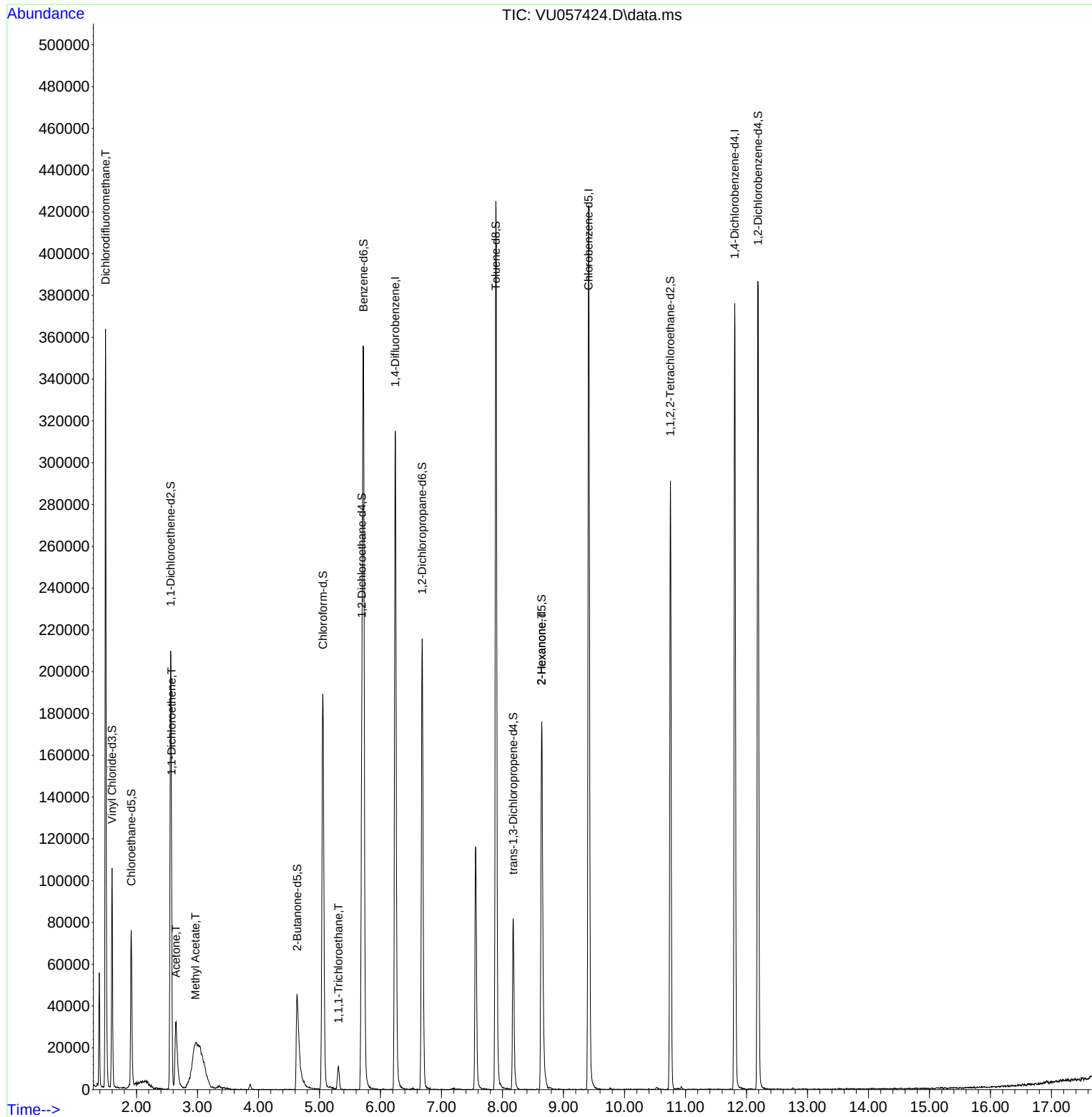
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	254167	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101551	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75629	43.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.914	69	59393	43.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.740%
11) 1,1-Dichloroethene-d2	2.560	63	124898	33.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.360%
21) 2-Butanone-d5	4.634	46	84640	99.851	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.850%
24) Chloroform-d	5.055	84	185578	44.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
26) 1,2-Dichloroethane-d4	5.695	65	130125	47.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
32) Benzene-d6	5.721	84	324975	49.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
36) 1,2-Dichloropropane-d6	6.682	67	94332	50.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.740%
41) Toluene-d8	7.891	98	290735	47.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	8.174	79	51803	46.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.640	63	62597	103.260	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131229	47.354	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	12.190	152	101441	51.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	30090	10.377	ug/L	98
12) 1,1-Dichloroethene	2.573	96	10059	5.841	ug/L #	1
13) Acetone	2.647	43	58499	56.671	ug/L	93
15) Methyl Acetate	2.965	43	2113	1.569	ug/L #	44
30) 1,1,1-Trichloroethane	5.312	97	8712	2.313	ug/L	94
48) 2-Hexanone	8.640	43	11979	8.609	ug/L #	55

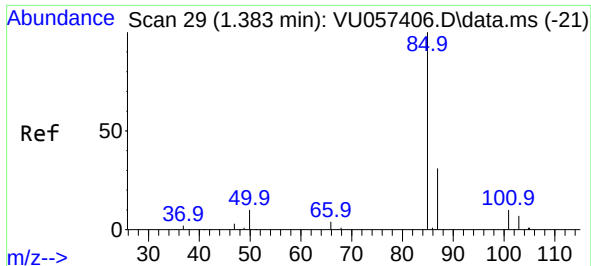
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

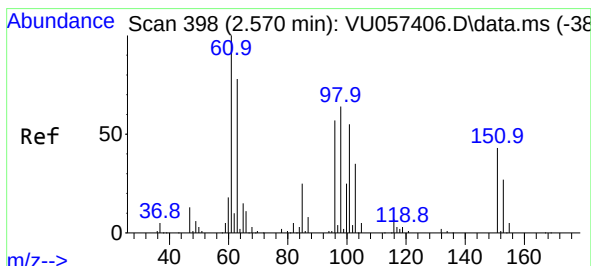
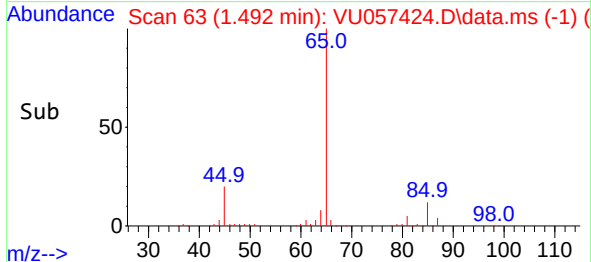
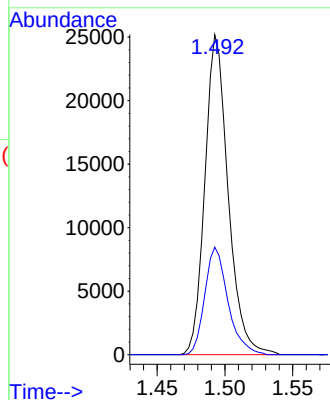
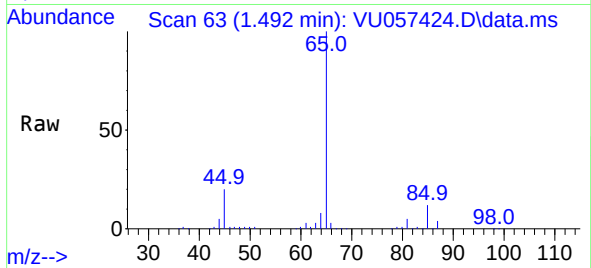




#2
Dichlorodifluoromethane
Concen: 10.377 ug/L
RT: 1.492 min Scan# 61
Delta R.T. 0.109 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

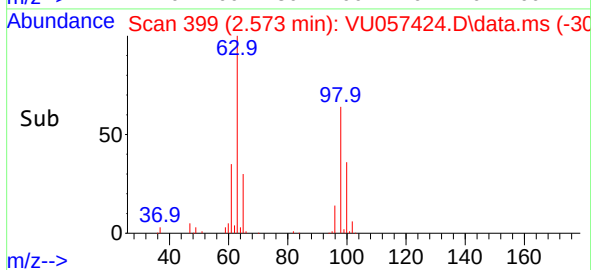
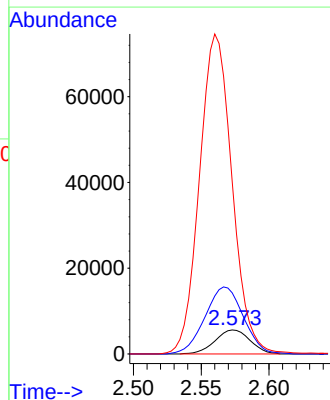
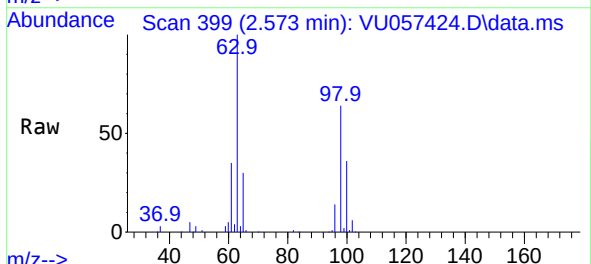
Instrument :
MSVOA_U
ClientSampleId :

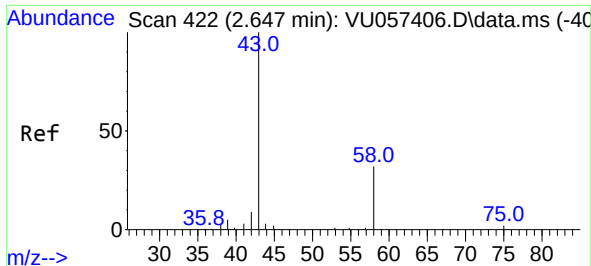
Tgt Ion: 85 Resp: 30090
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.6



#12
1,1-Dichloroethene
Concen: 5.841 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

Tgt Ion: 96 Resp: 10059
Ion Ratio Lower Upper
96 100
61 254.7 128.3 238.3#
63 718.8 90.4 168.0#

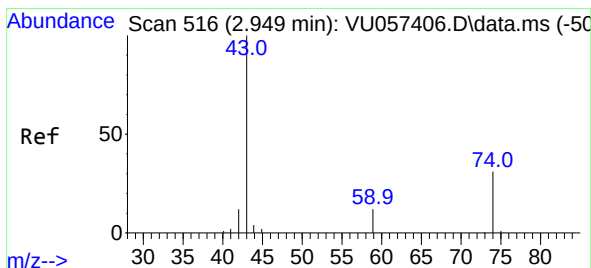
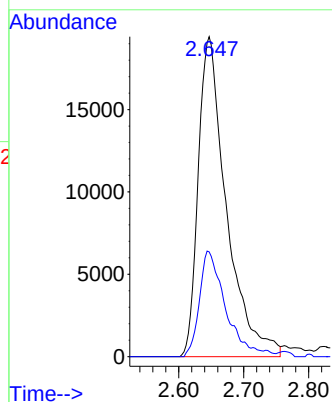




#13
Acetone
Concen: 56.671 ug/L
RT: 2.647 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

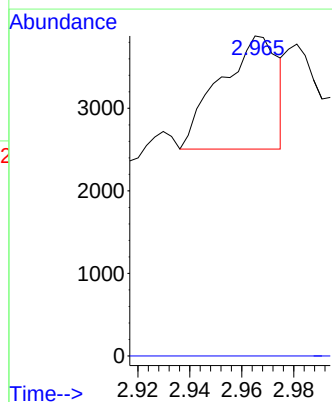
Instrument :
MSVOA_U
ClientSampleId :

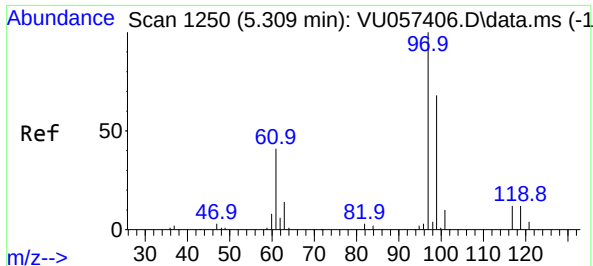
Tgt Ion: 43 Resp: 58499
Ion Ratio Lower Upper
43 100
58 28.5 0.0 65.2



#15
Methyl Acetate
Concen: 1.569 ug/L
RT: 2.965 min Scan# 521
Delta R.T. 0.016 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
74 0.0 24.6 36.8#



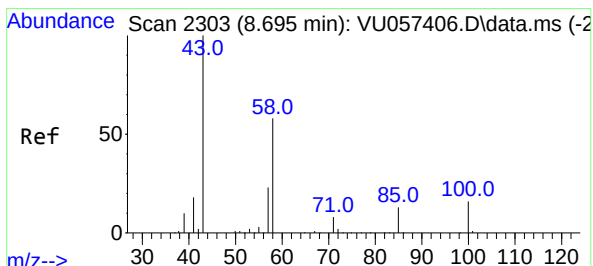
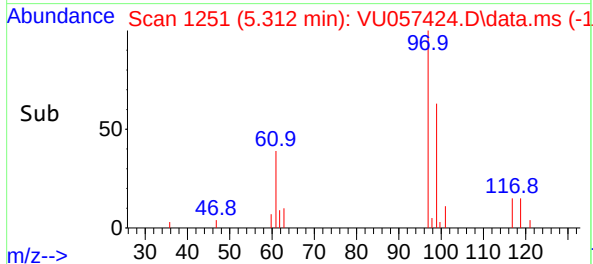
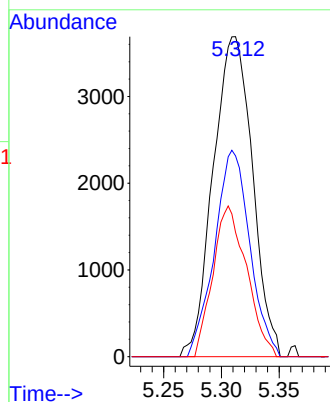
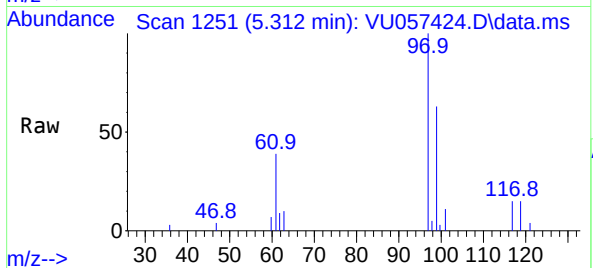


#30
1,1,1-Trichloroethane
Concen: 2.313 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 8712

Ion	Ratio	Lower	Upper
97	100		
99	57.9	52.1	78.1
61	40.5	31.9	47.9



#48
2-Hexanone
Concen: 8.609 ug/L
RT: 8.640 min Scan# 2286
Delta R.T. -0.055 min
Lab File: VU057424.D
Acq: 09 Jan 2024 08:23

Tgt Ion: 43 Resp: 11979

Ion	Ratio	Lower	Upper
43	100		
58	16.4	49.4	74.2#
57	29.8	19.1	28.7#
100	0.0	13.0	19.6#

