

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054079.D
 Acq On : 08 May 2023 14:45
 Operator : JC/MD
 Sample : 02662-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ1

Quant Time: May 09 04:39:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

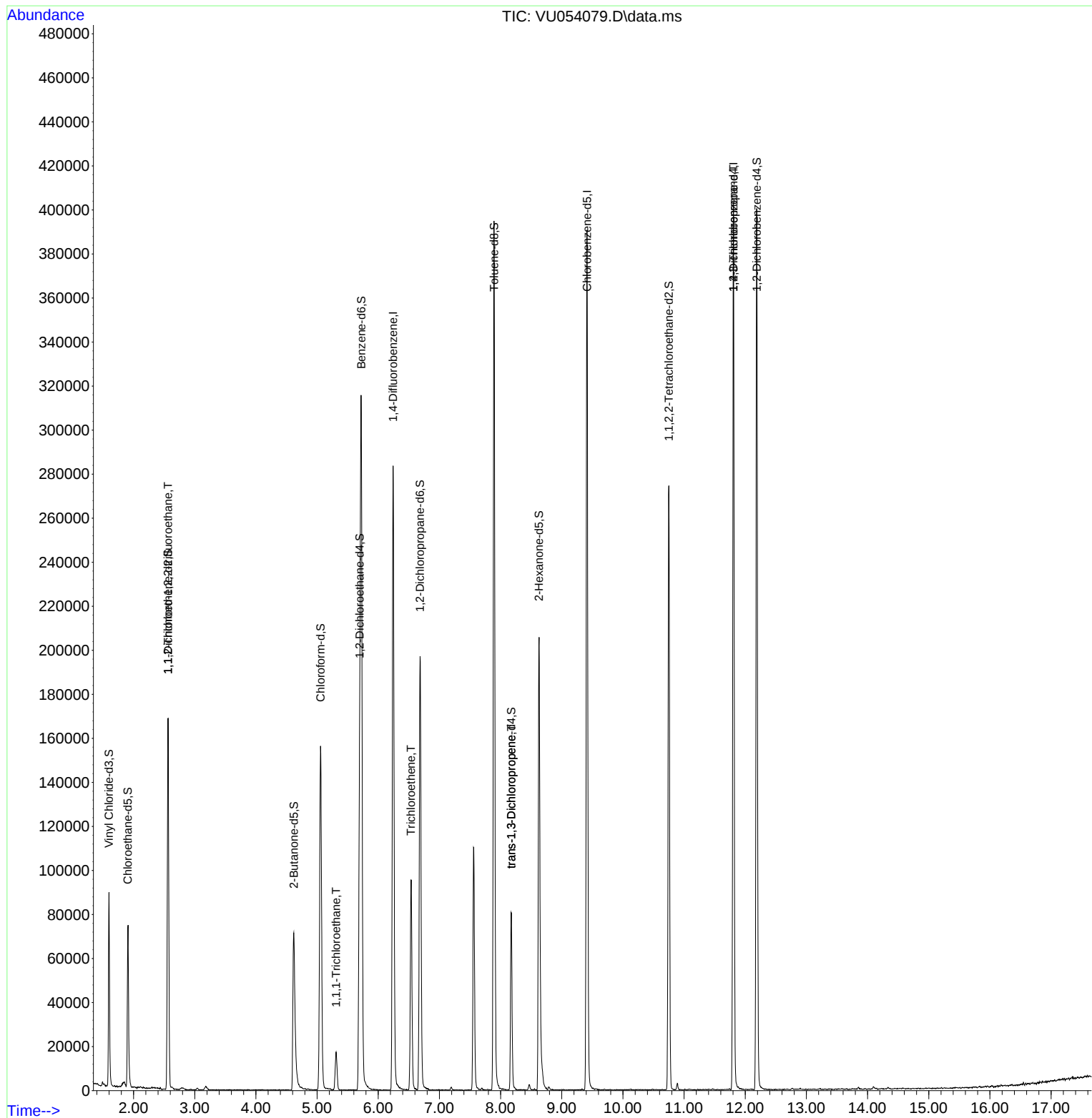
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	236404	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	112120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67669	37.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.700%
7) Chloroethane-d5	1.906	69	58098	49.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.562	63	102088	32.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.380%
21) 2-Butanone-d5	4.620	46	107994	105.904	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.900%
24) Chloroform-d	5.057	84	149656	45.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
26) 1,2-Dichloroethane-d4	5.697	65	99847	47.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
32) Benzene-d6	5.723	84	293006	43.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	6.684	67	95063	44.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.500%
41) Toluene-d8	7.893	98	263995	43.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.900%
43) trans-1,3-Dichloroprop...	8.176	79	47323	45.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.020%
47) 2-Hexanone-d5	8.626	63	71281	93.675	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	134884	48.200	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	106779	48.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1268	0.801	ug/L #	37
30) 1,1,1-Trichloroethane	5.311	97	12612	4.426	ug/L	99
34) Trichloroethene	6.536	95	31850	18.033	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	2269	0.811	ug/L #	82
60) 1,2,3-Trichloropropane	11.806	75	12268	5.891	ug/L #	66

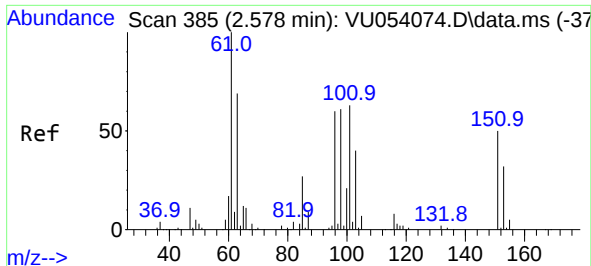
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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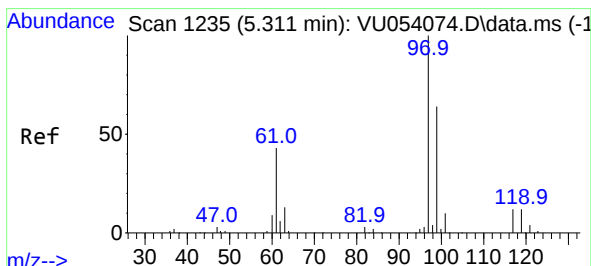
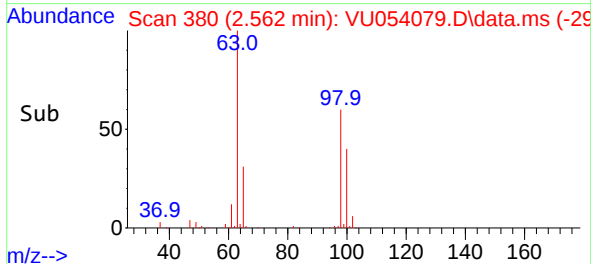
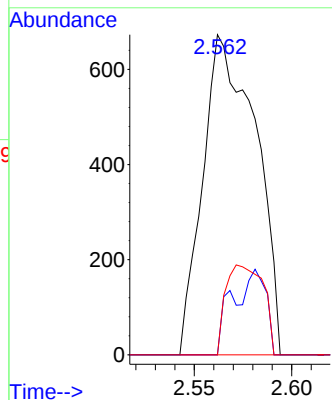
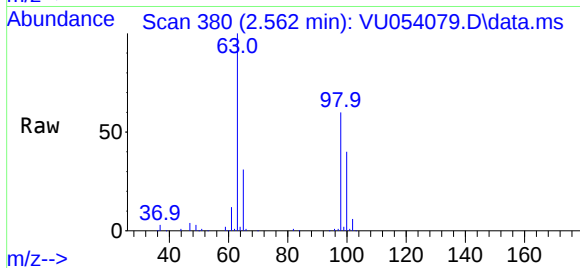




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.801 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU054079.D
Acq: 08 May 2023 14:45

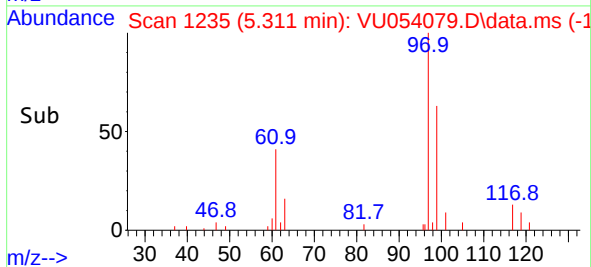
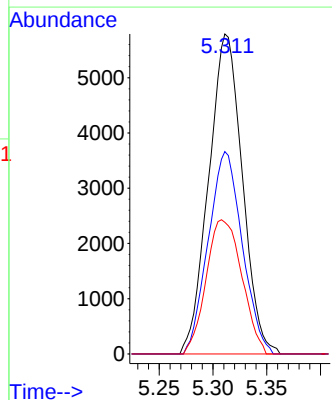
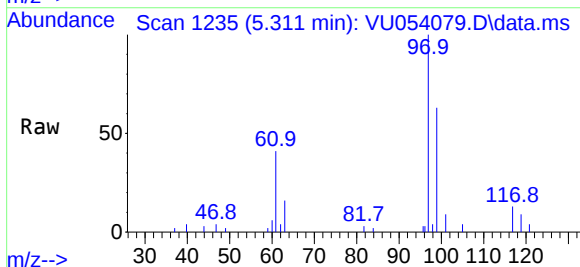
Instrument :
MSVOA_U
ClientSampleId :
C0AZ1

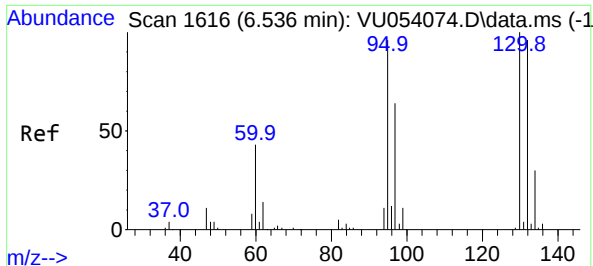
Tgt Ion:101 Resp: 1268
Ion Ratio Lower Upper
101 100
85 5.5 34.3 51.5#
151 19.8 60.3 90.5#



#30
1,1,1-Trichloroethane
Concen: 4.426 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU054079.D
Acq: 08 May 2023 14:45

Tgt Ion: 97 Resp: 12612
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.4 34.2 51.4

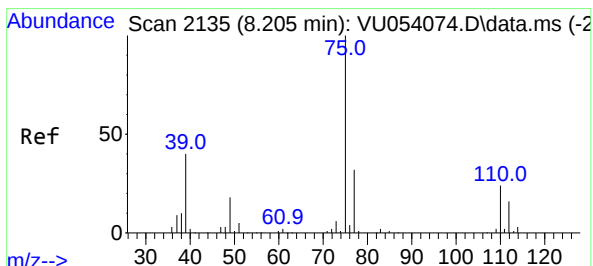
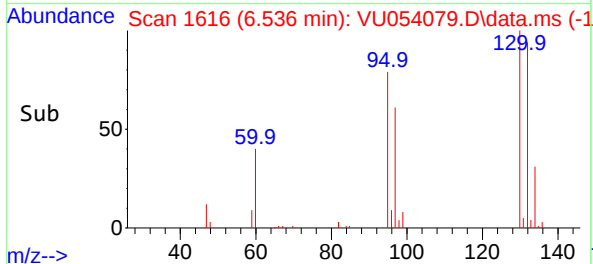
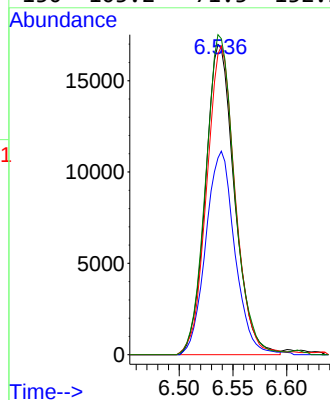
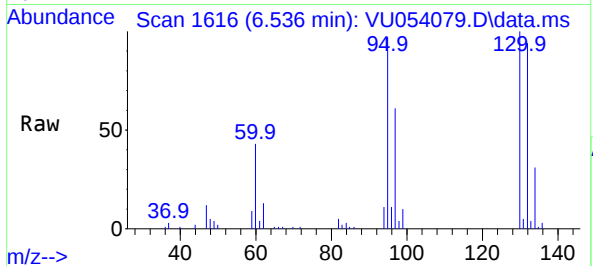




#34
Trichloroethene
Concen: 18.033 ug/L
RT: 6.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054079.D
Acq: 08 May 2023 14:45

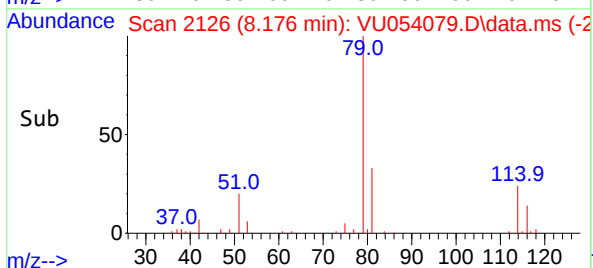
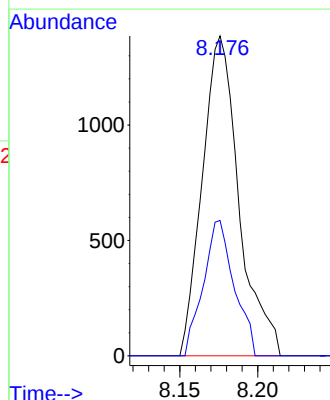
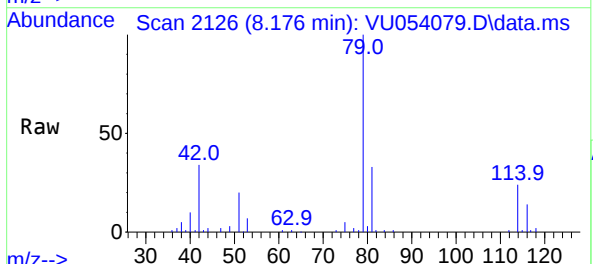
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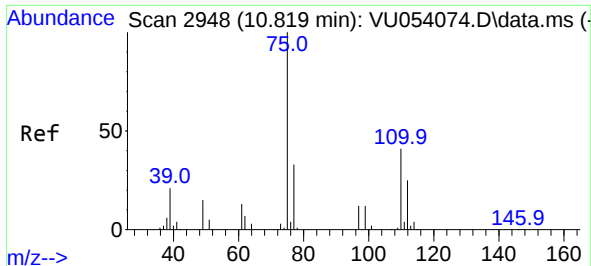
Tgt Ion: 95 Resp: 31850
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.3
132 96.9 67.8 126.0
130 103.2 71.3 132.3



#44
trans-1,3-Dichloropropene
Concen: 0.811 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU054079.D
Acq: 08 May 2023 14:45

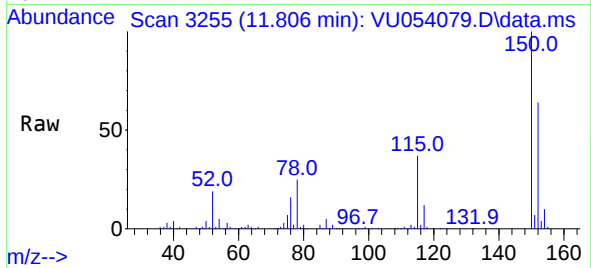
Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
77 42.4 22.5 41.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.891 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054079.D
 Acq: 08 May 2023 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ1



Tgt Ion: 75 Resp: 12268

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.0	39.0
110	2.7	31.8	47.8#

