

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053497.D
 Acq On : 31 Mar 2023 17:23
 Operator : JC/MD
 Sample : 02054-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

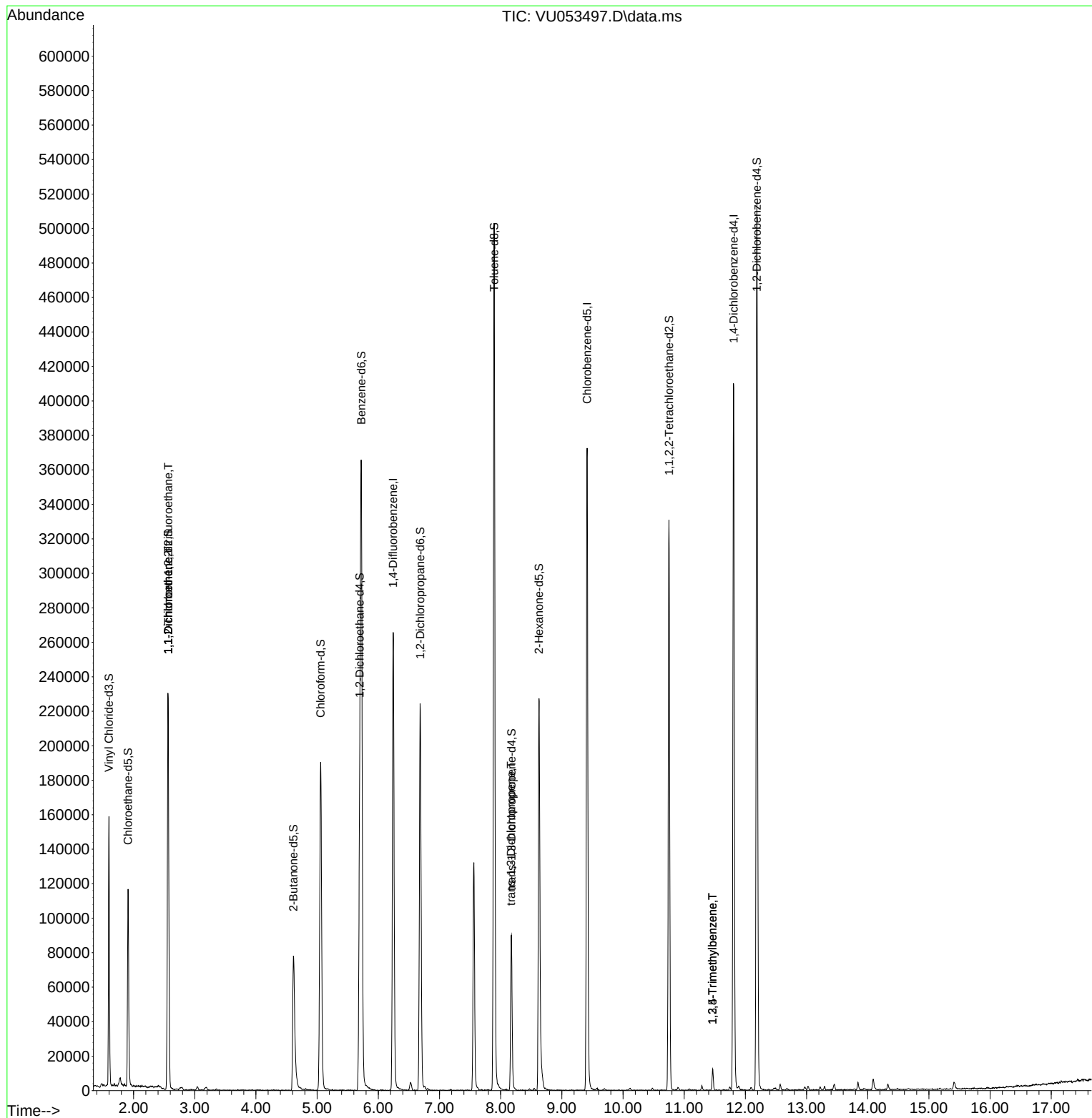
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	239593	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107354	57.543	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	115.080%	
7) Chloroethane-d5	1.909	69	83278	57.895	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	115.780%	
11) 1,1-Dichloroethene-d2	2.565	63	128522	44.503	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.000%	
21) 2-Butanone-d5	4.613	46	108058	127.929	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	127.930%	
24) Chloroform-d	5.057	84	172120	55.785	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.580%	
26) 1,2-Dichloroethane-d4	5.697	65	109248	59.922	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	119.840%	
32) Benzene-d6	5.723	84	355827	58.610	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	117.220%	
36) 1,2-Dichloropropane-d6	6.684	67	109077	58.781	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	117.560%	
41) Toluene-d8	7.893	98	346960	57.500	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	115.000%	
43) trans-1,3-Dichloroprop...	8.176	79	53019	55.351	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	110.700%	
47) 2-Hexanone-d5	8.626	63	80987	127.878	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	127.880%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	153879	58.835	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	117.660%	
66) 1,2-Dichlorobenzene-d4	12.189	152	144531	59.047	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	118.100%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1601	0.971	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	1260	0.857	ug/L #	1
44) trans-1,3-Dichloropropene	8.169	75	2717	1.182	ug/L	97
62) 1,3,5-Trimethylbenzene	11.465	105	7532	1.307	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	7532	1.319	ug/L	99

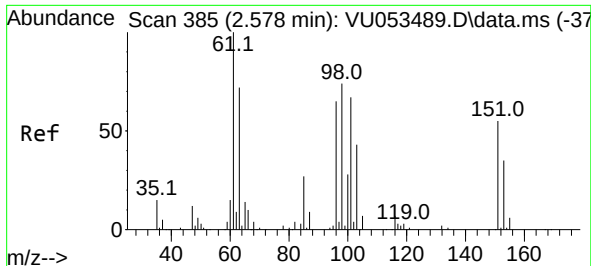
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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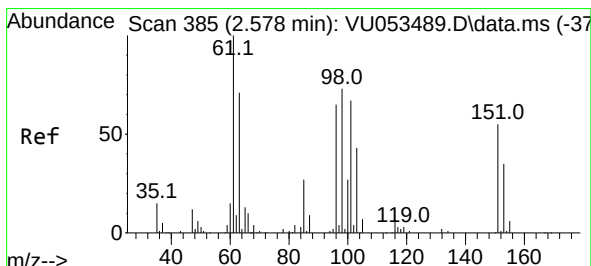
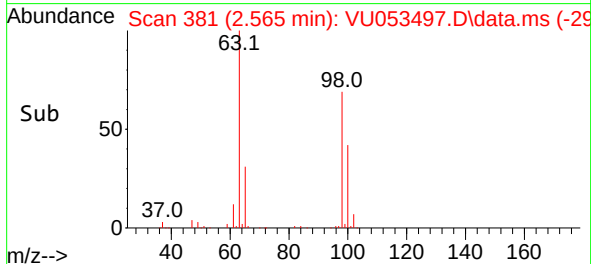
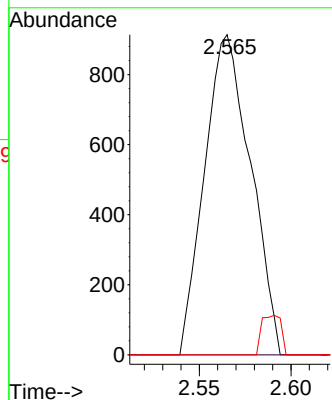
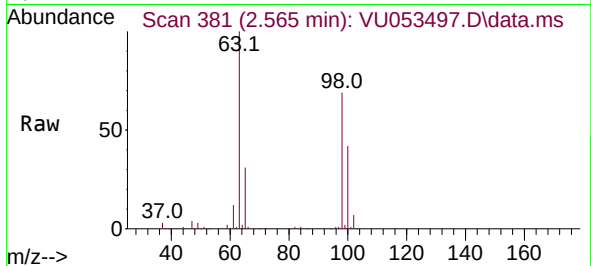




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.971 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU053497.D
 Acq: 31 Mar 2023 17:23

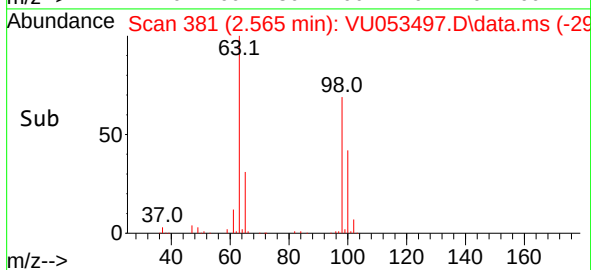
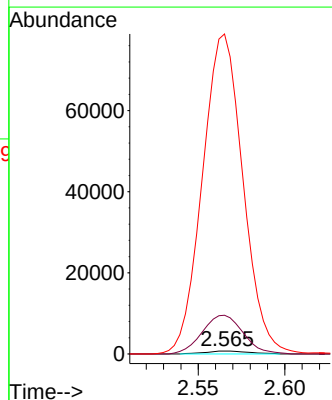
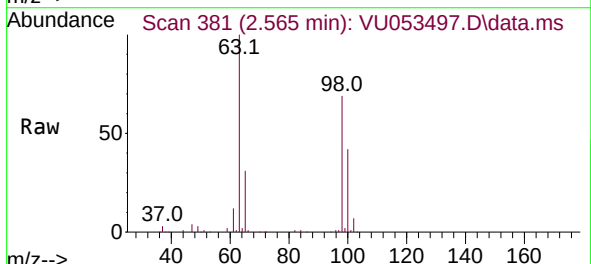
Instrument :
 MSVOA_W
 ClientSampleId :

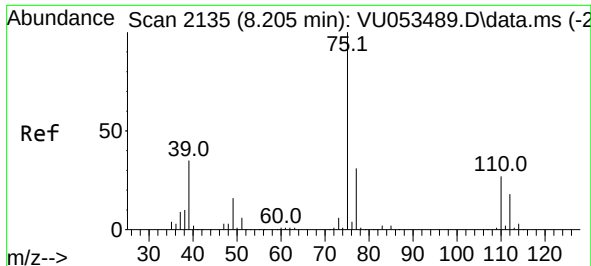
Tgt Ion:101 Resp: 1601
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.857 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU053497.D
 Acq: 31 Mar 2023 17:23

Tgt Ion: 96 Resp: 1260
 Ion Ratio Lower Upper
 96 100
 61 1318.5 107.9 200.5#
 63 10897.2 79.1 146.9#

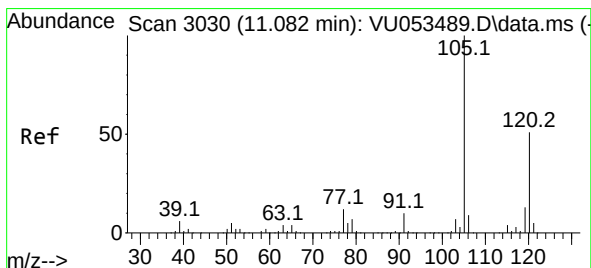
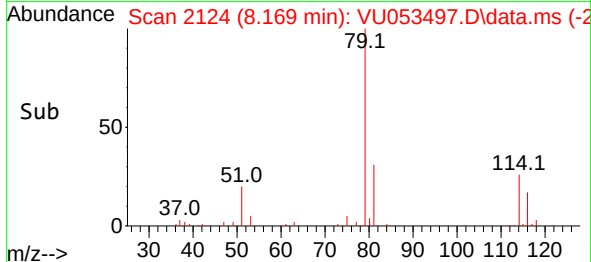
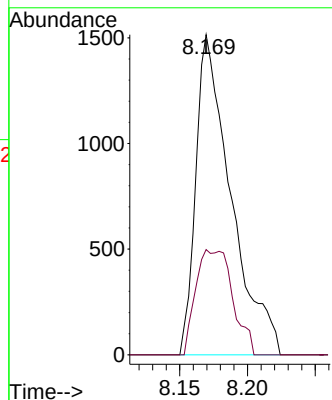
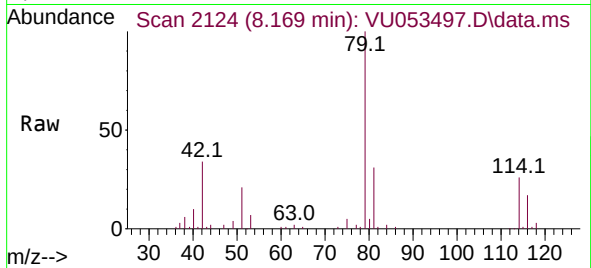




#44
trans-1,3-Dichloropropene
Concen: 1.182 ug/L
RT: 8.169 min Scan# 2135
Delta R.T. -0.035 min
Lab File: VU053497.D
Acq: 31 Mar 2023 17:23

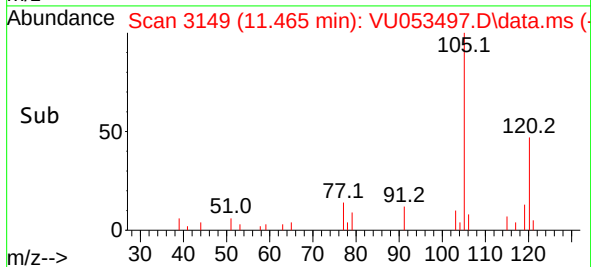
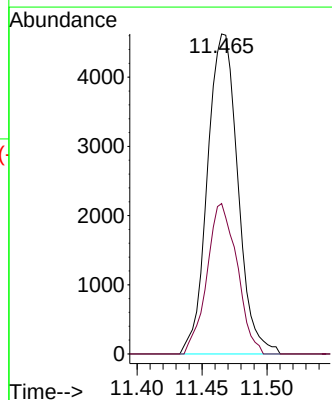
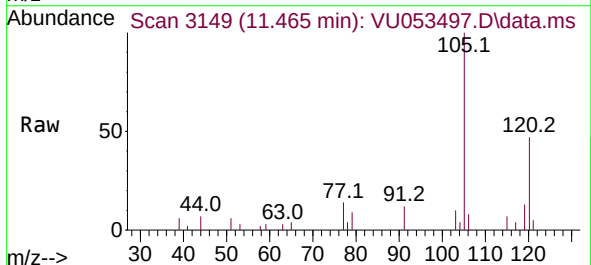
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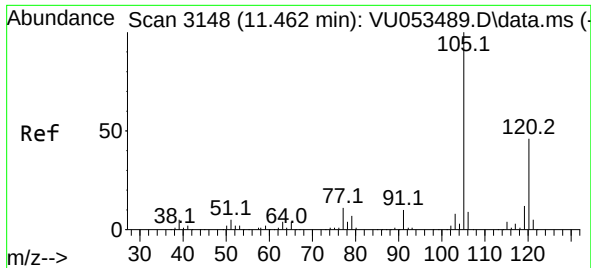
Tgt Ion: 75 Resp: 2717
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.4



#62
1,3,5-Trimethylbenzene
Concen: 1.307 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.383 min
Lab File: VU053497.D
Acq: 31 Mar 2023 17:23

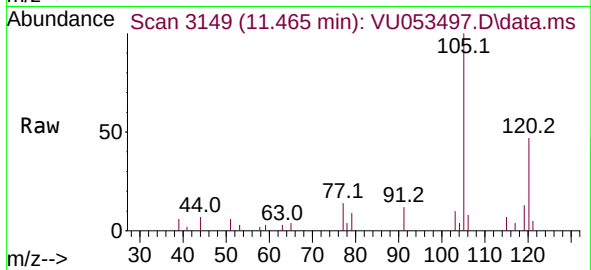
Tgt Ion: 105 Resp: 7532
Ion Ratio Lower Upper
105 100
120 46.5 39.5 59.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.319 ug/L
 RT: 11.465 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053497.D
 Acq: 31 Mar 2023 17:23

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:105 Resp: 7532
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.5 56.3

