

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052846.D
 Acq On : 27 Jan 2023 15:00
 Operator : JC/MD
 Sample : 01316-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G9

Quant Time: Jan 27 22:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

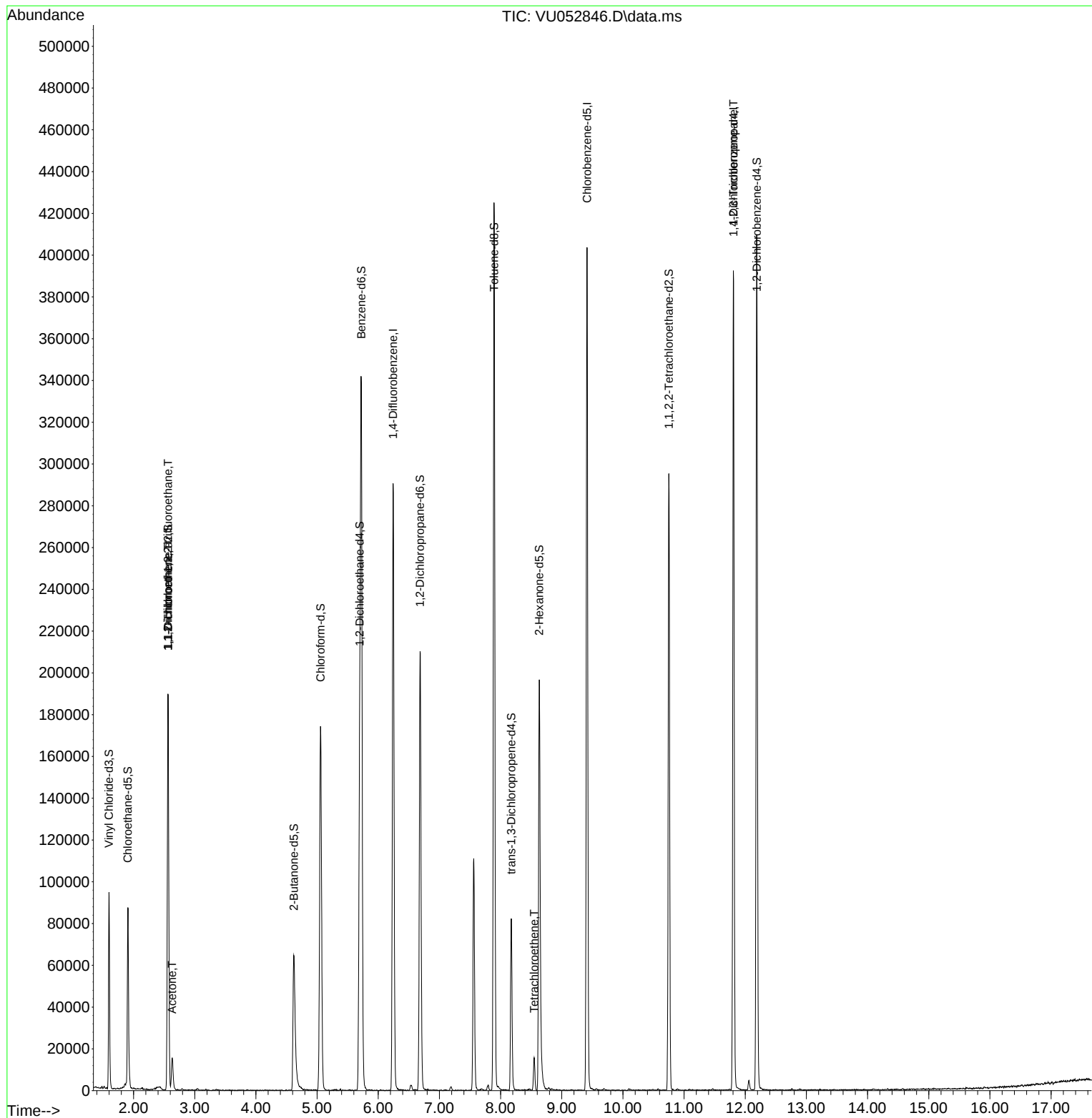
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	241639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	235931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71622	41.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.360%
7) Chloroethane-d5	1.906	69	64586	45.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.562	63	111848	32.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.660%
21) 2-Butanone-d5	4.620	46	96421	89.744	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.740%
24) Chloroform-d	5.057	84	167989	45.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	5.697	65	112893	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.722	84	321370	44.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	6.684	67	96871	45.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	7.893	98	279818	42.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.260%
43) trans-1,3-Dichloroprop...	8.176	79	47946	45.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.500%
47) 2-Hexanone-d5	8.632	63	66031	88.894	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.890%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	138117	44.220	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.440%
66) 1,2-Dichlorobenzene-d4	12.188	152	110487	51.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.860%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1488	0.763	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	1138	0.637	ug/L #	1
13) Acetone	2.629	43	19309	14.715	ug/L	93
46) Tetrachloroethene	8.549	164	3863	2.198	ug/L	92
60) 1,2,3-Trichloropropane	11.806	75	9616	4.481	ug/L #	63

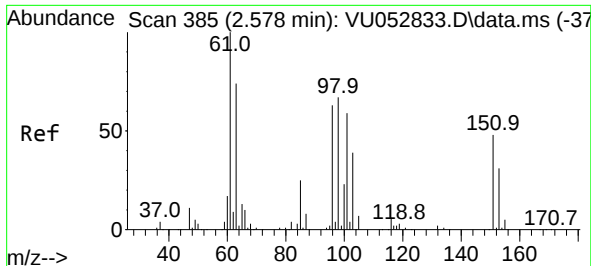
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration

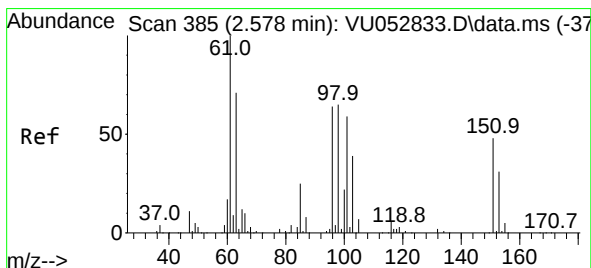
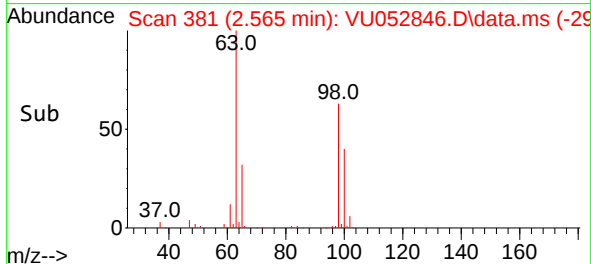
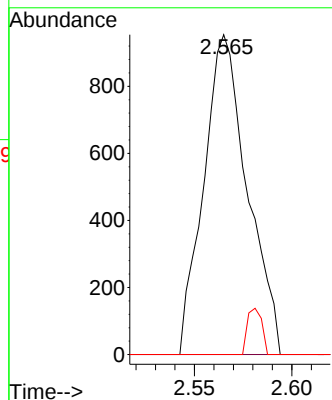
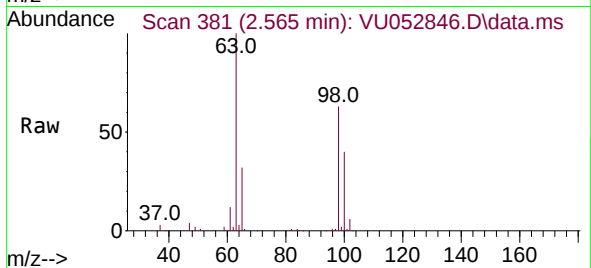




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.763 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052846.D
 Acq: 27 Jan 2023 15:00

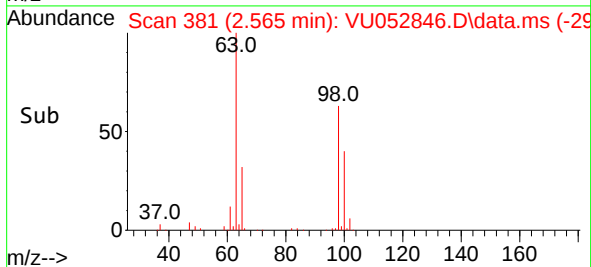
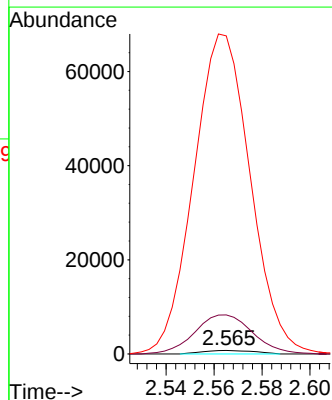
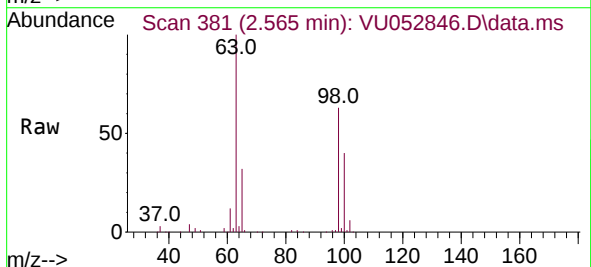
Instrument :
 MSVOA_U
 ClientSampleId :
 A44G9

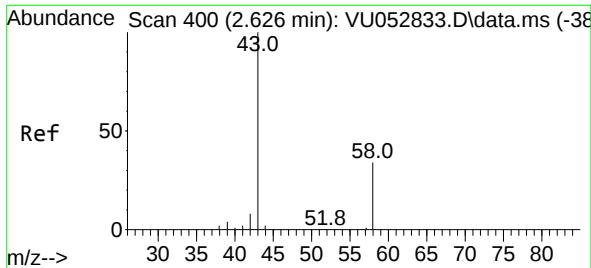
Tgt Ion:101 Resp: 1488
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.9 49.3#
 151 4.8 62.6 94.0#



#12
 1,1-Dichloroethene
 Concen: 0.637 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052846.D
 Acq: 27 Jan 2023 15:00

Tgt Ion: 96 Resp: 1138
 Ion Ratio Lower Upper
 96 100
 61 1103.7 114.3 212.3#
 63 9010.1 80.6 149.6#





#13

Acetone

Concen: 14.715 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU052846.D

Acq: 27 Jan 2023 15:00

Instrument :

MSVOA_U

ClientSampleId :

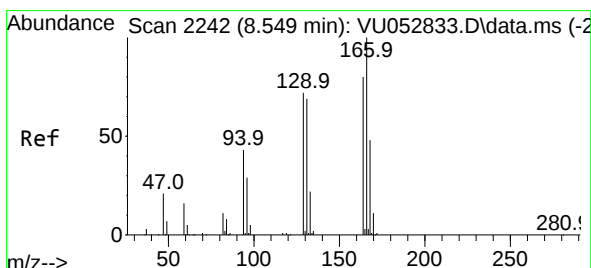
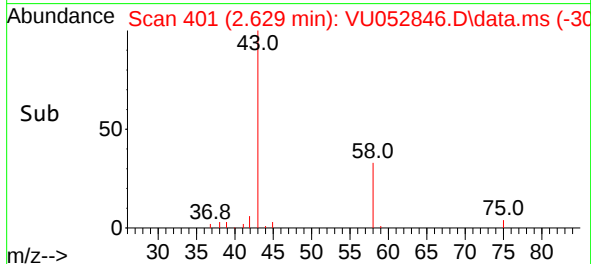
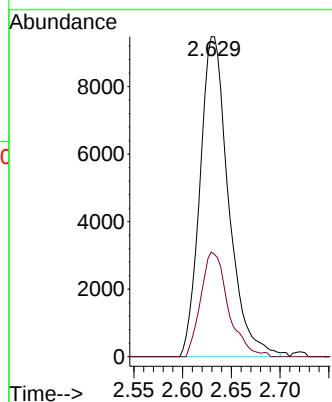
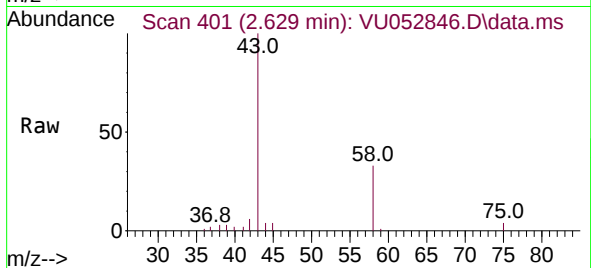
A44G9

Tgt Ion: 43 Resp: 19309

Ion Ratio Lower Upper

43 100

58 31.3 0.0 70.2



#46

Tetrachloroethene

Concen: 2.198 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052846.D

Acq: 27 Jan 2023 15:00

Tgt Ion:164 Resp: 3863

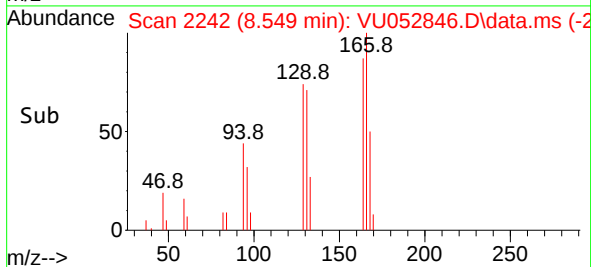
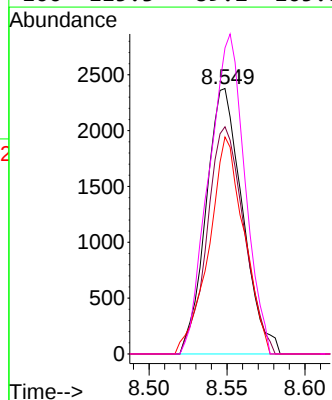
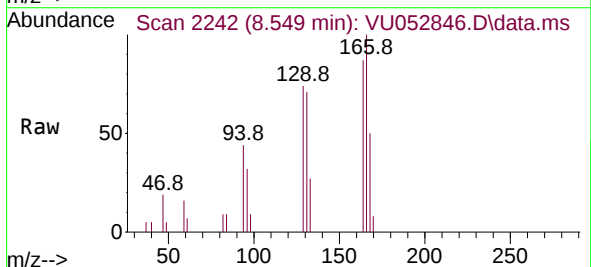
Ion Ratio Lower Upper

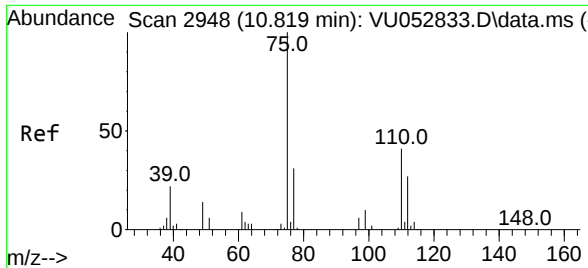
164 100

129 85.6 64.8 120.3

131 81.7 61.2 113.6

166 115.3 89.2 165.8





#60
 1,2,3-Trichloropropane
 Concen: 4.481 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052846.D
 Acq: 27 Jan 2023 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G9

Tgt Ion:	75	Resp:	9616
Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.8	38.8
110	2.8	32.4	48.6#

