

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047087.D
 Acq On : 10 Feb 2022 20:37
 Operator : SY/MD
 Sample : N1462-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M26

Quant Time: Feb 11 01:16:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

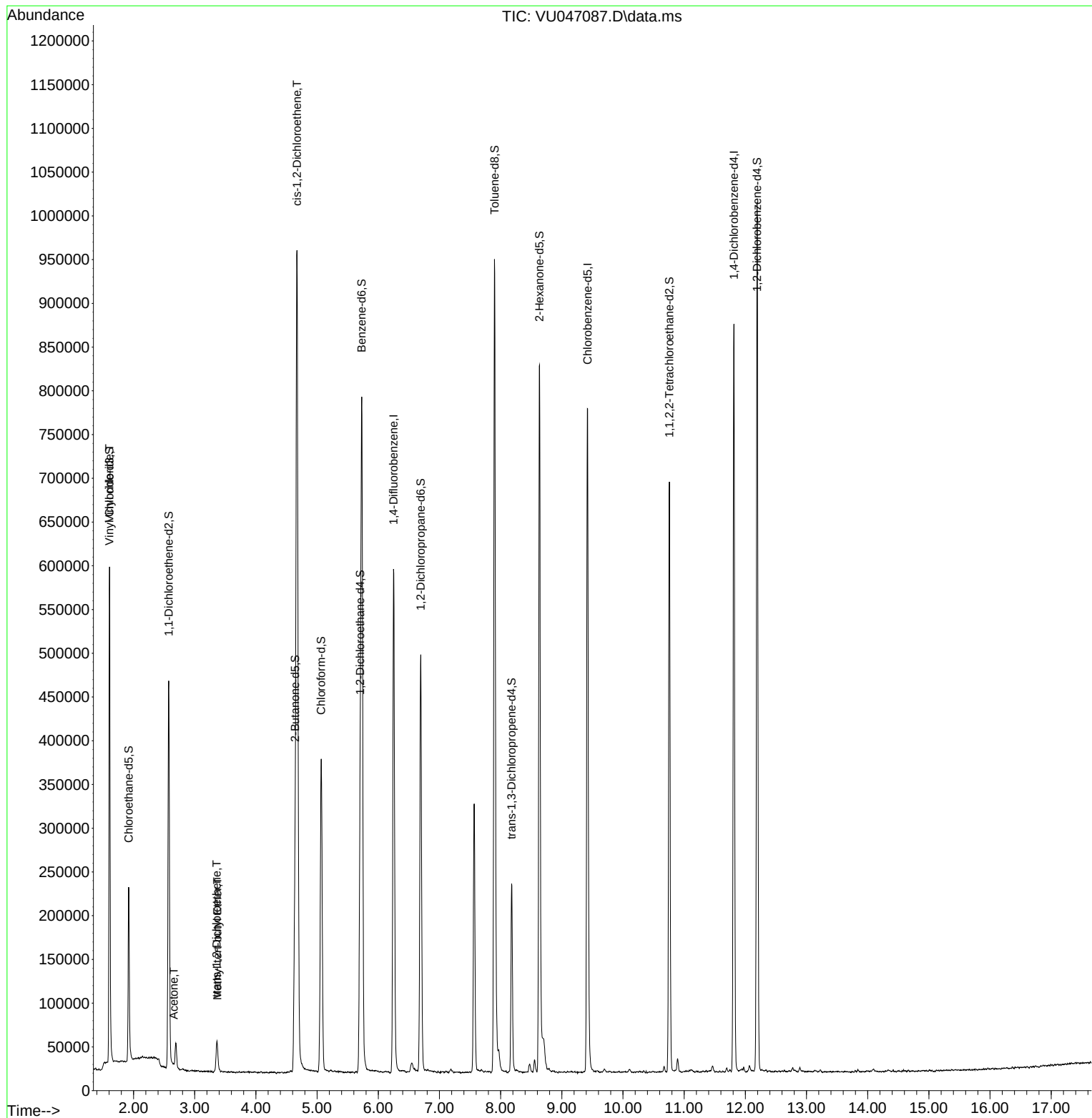
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	488812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	457402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	233280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	203174	45.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.540%
7) Chloroethane-d5	1.919	69	155534	47.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.575	63	267997	36.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.860%
21) 2-Butanone-d5	4.642	46	418760	121.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.630%
24) Chloroform-d	5.067	84	329730	45.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
26) 1,2-Dichloroethane-d4	5.704	65	221835	47.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.920%
32) Benzene-d6	5.729	84	719495	47.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	6.694	67	234130	47.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.900	98	686355	47.405	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.179	79	118928	46.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.040%
47) 2-Hexanone-d5	8.633	63	304551	107.798	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	345996	48.117	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	263421	47.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	239592	52.752	ug/L	100
13) Acetone	2.659	43	6048	2.411	ug/L	77
17) trans-1,2-Dichloroethene	3.360	96	10994	3.292	ug/L	93
18) Methyl tert-butyl Ether	3.369	73	14033	1.243	ug/L #	95
20) cis-1,2-Dichloroethene	4.671	96	448598	121.441	ug/L #	94

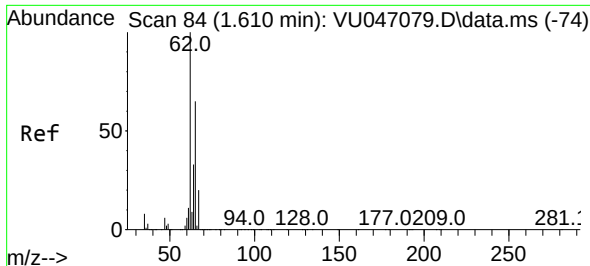
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration

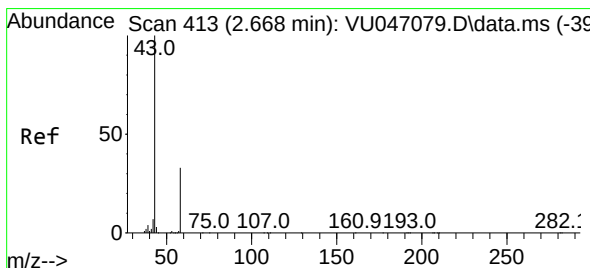
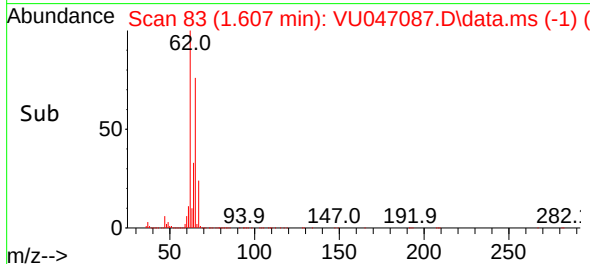
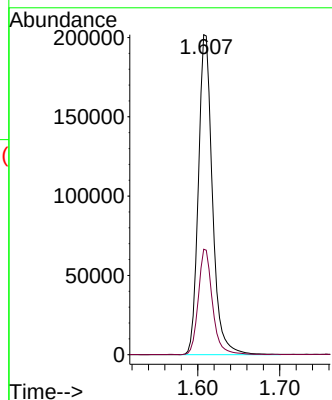
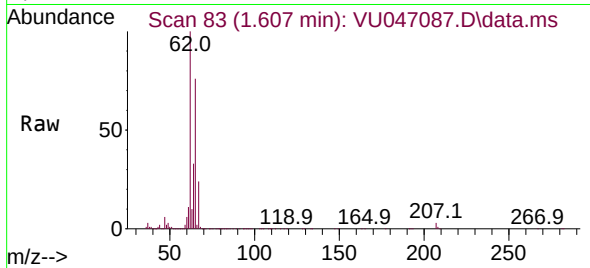




#5
 Vinyl chloride
 Concen: 52.752 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047087.D
 Acq: 10 Feb 2022 20:37

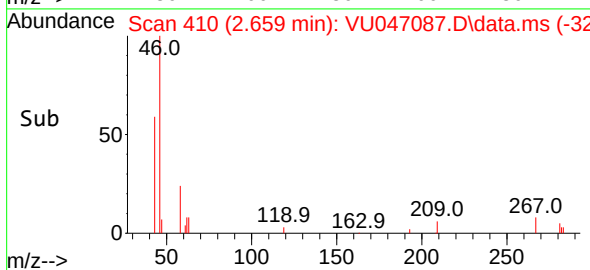
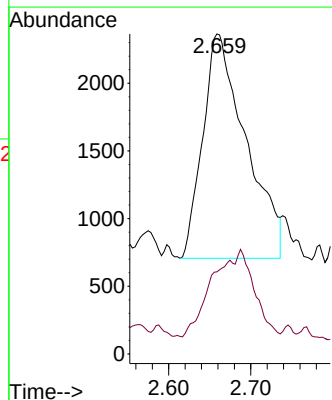
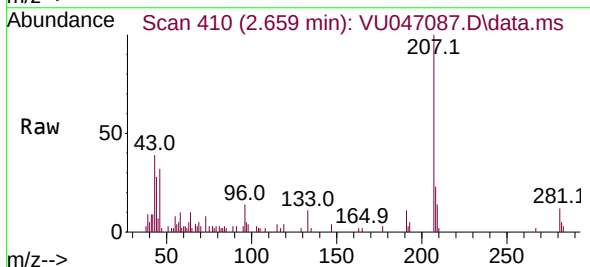
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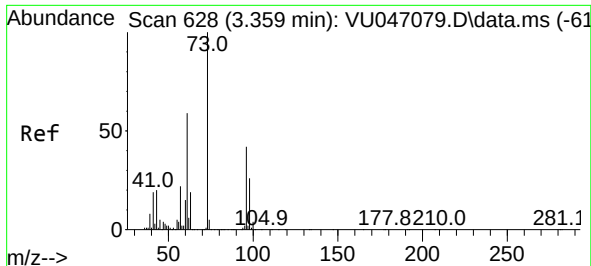
Tgt Ion: 62 Resp: 239592
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#13
 Acetone
 Concen: 2.411 ug/L
 RT: 2.659 min Scan# 410
 Delta R.T. -0.009 min
 Lab File: VU047087.D
 Acq: 10 Feb 2022 20:37

Tgt Ion: 43 Resp: 6048
 Ion Ratio Lower Upper
 43 100
 58 21.9 0.0 71.0

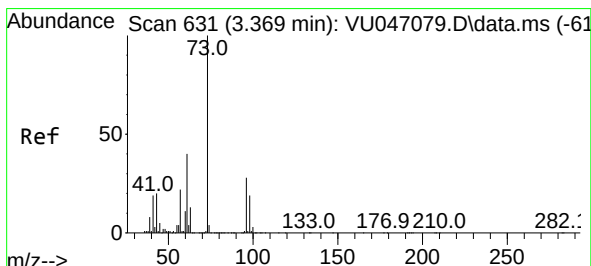
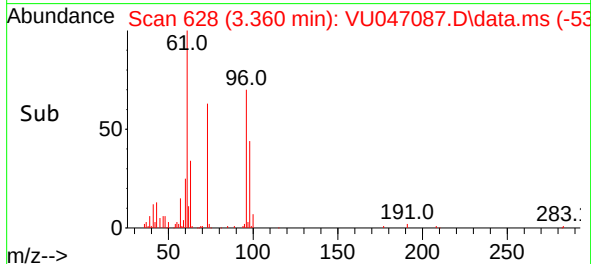
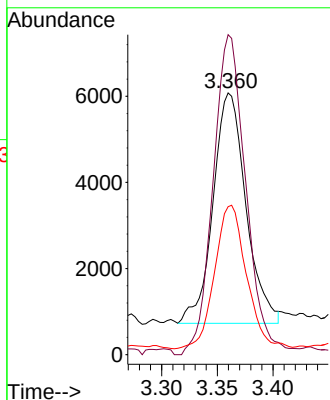
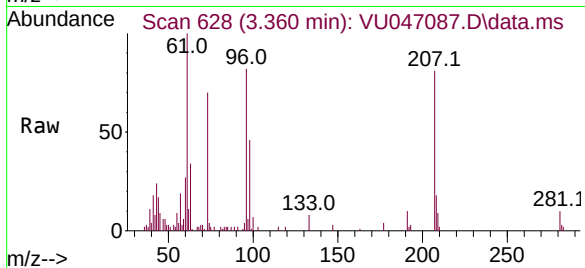




#17
trans-1,2-Dichloroethene
Concen: 3.292 ug/L
RT: 3.360 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU047087.D
Acq: 10 Feb 2022 20:37

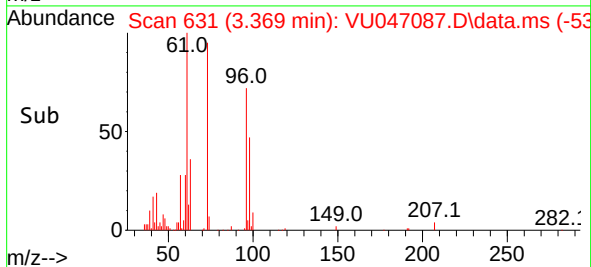
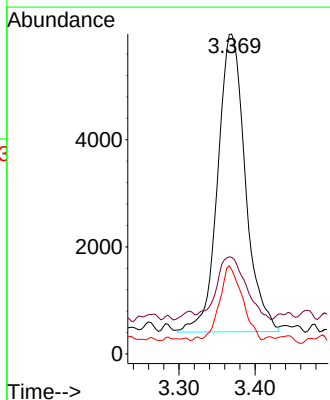
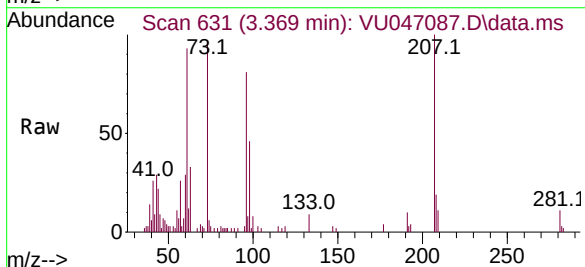
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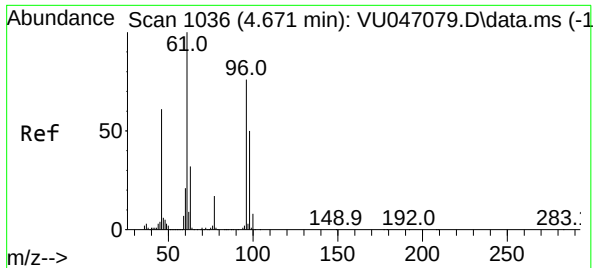
Tgt Ion:	96	Resp:	10994
Ion	Ratio	Lower	Upper
96	100		
61	122.3	92.5	171.9
98	56.5	42.4	78.6



#18
Methyl tert-butyl Ether
Concen: 1.243 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047087.D
Acq: 10 Feb 2022 20:37

Tgt Ion:	73	Resp:	14033
Ion	Ratio	Lower	Upper
73	100		
43	22.3	14.1	21.1
57	20.8	16.4	24.6





#20
 cis-1,2-Dichloroethene
 Concen: 121.441 ug/L
 RT: 4.671 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VU047087.D
 Acq: 10 Feb 2022 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M26

Tgt Ion: 96 Resp: 448598
 Ion Ratio Lower Upper
 96 100
 61 129.7 86.0 159.6
 68 0.1 0.0 0.0#

