

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052380.D
 Acq On : 13 Dec 2022 16:21
 Operator : JC/MD
 Sample : N6034-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPk2

Quant Time: Dec 14 03:20:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

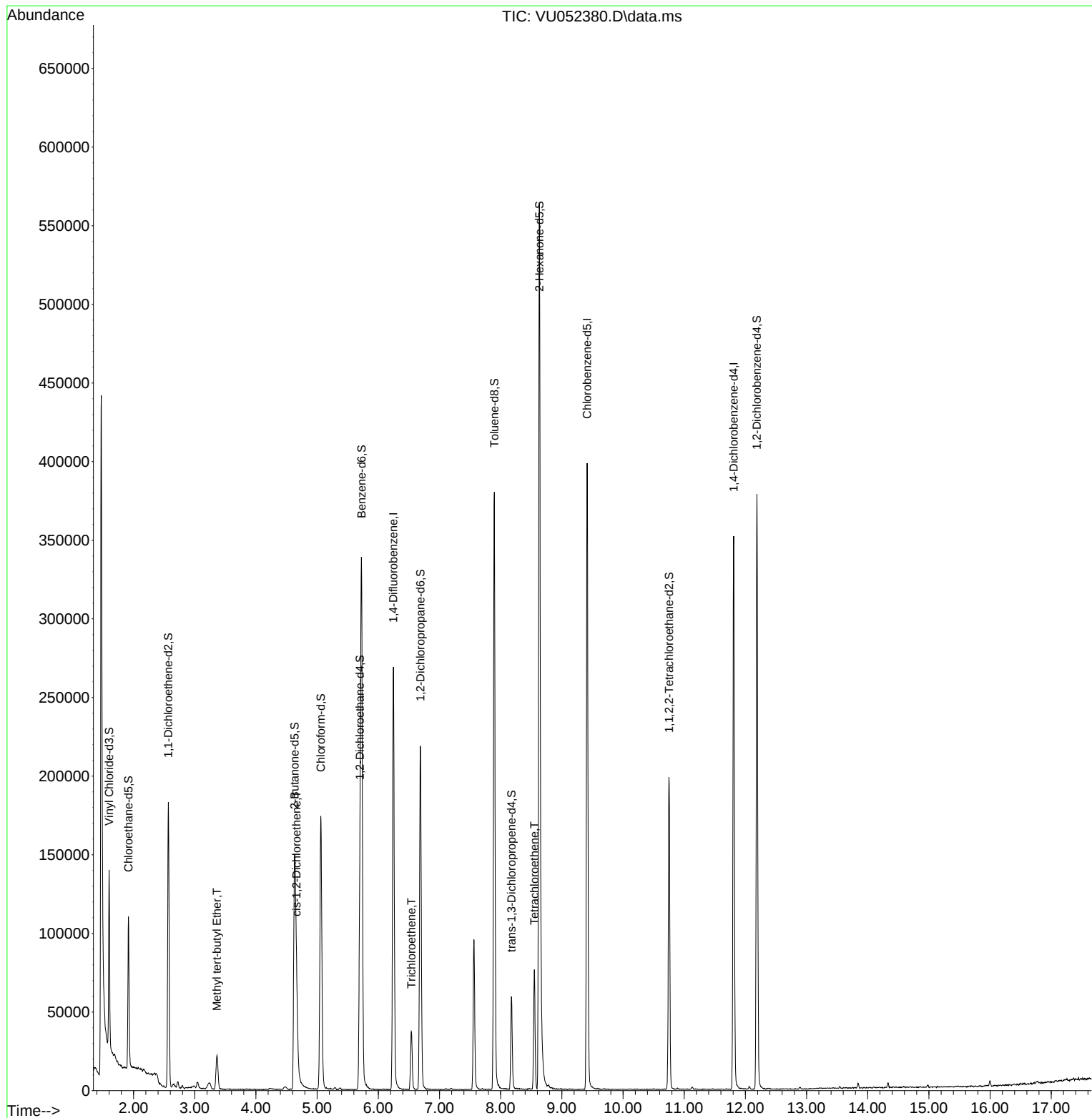
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82731	3.820	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.916	69	74768	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.568	65	34751	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.633	46	256654	65.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.760%#
24) Chloroform-d	5.060	84	165653	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.700	65	87050	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.726	84	332203	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.687	67	112118	5.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.896	98	263030	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.176	79	35458	4.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.633	63	195560	60.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103553	5.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	104564	5.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.363	73	22757	0.629	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	14841	0.817	ug/L	94
34) Trichloroethene	6.543	95	12757	0.687	ug/L	91
47) Tetrachloroethene	8.552	164	17431	1.226	ug/L	98

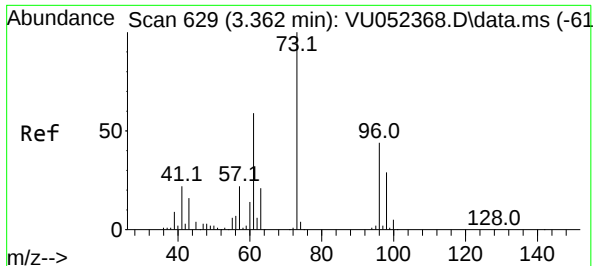
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
Data File : VU052380.D
Acq On : 13 Dec 2022 16:21
Operator : JC/MD
Sample : N6034-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGPK2

Quant Time: Dec 14 03:20:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 14 03:17:56 2022
Response via : Initial Calibration

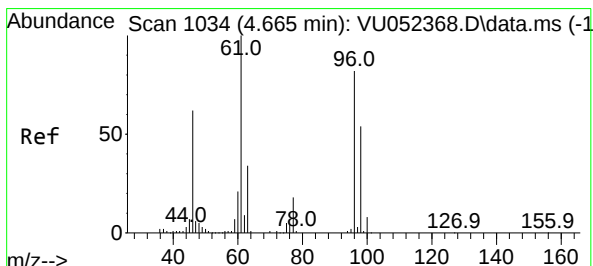
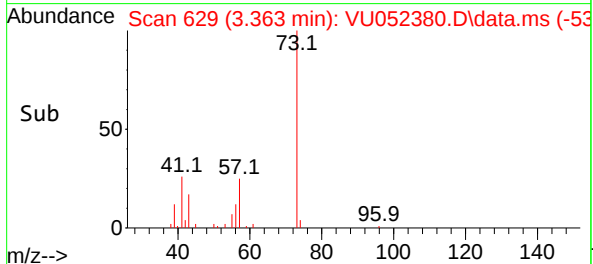
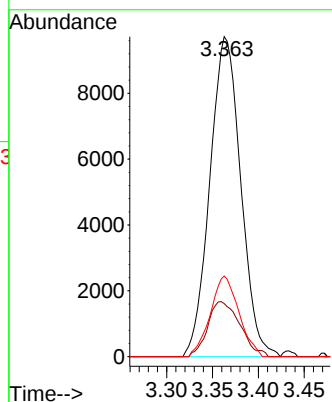
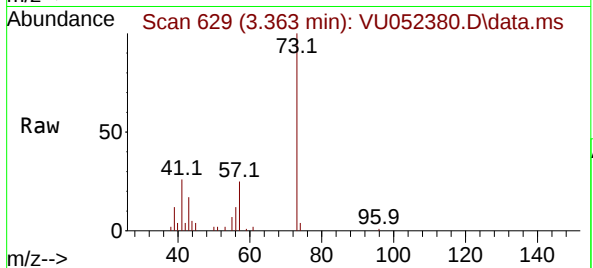




#17
Methyl tert-butyl Ether
Concen: 0.629 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052380.D
Acq: 13 Dec 2022 16:21

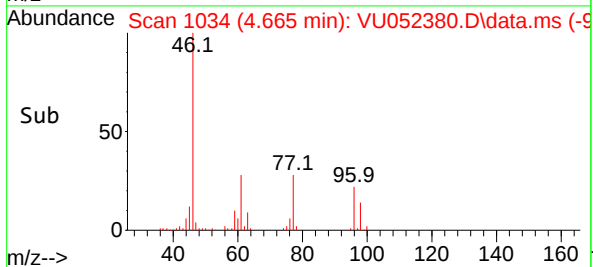
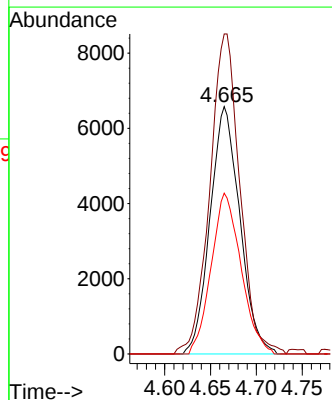
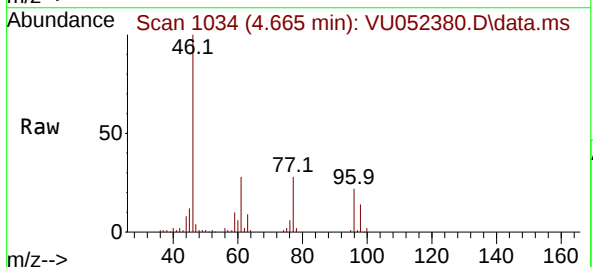
Instrument :
MSVOA_U
ClientSampleId :
BGPk2

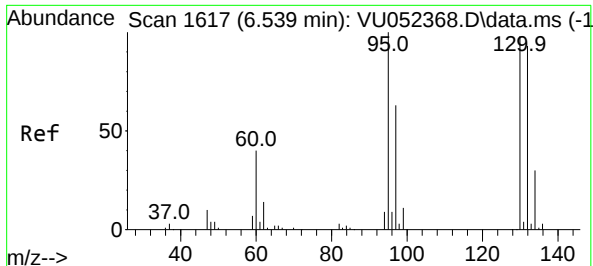
Tgt Ion: 73	Resp: 22757
Ion Ratio	Lower Upper
73 100	
43 18.0	13.2 19.8
57 23.2	17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.817 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052380.D
Acq: 13 Dec 2022 16:21

Tgt Ion: 96	Resp: 14841
Ion Ratio	Lower Upper
96 100	
61 129.4	85.1 158.1
98 65.0	42.8 79.6



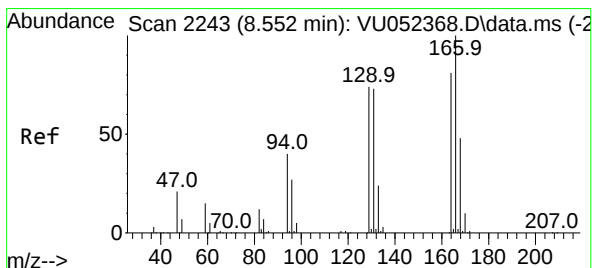
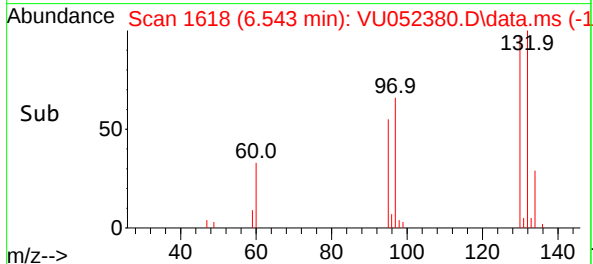
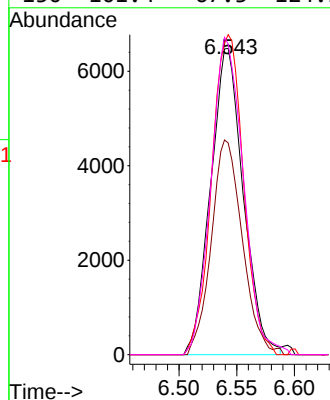
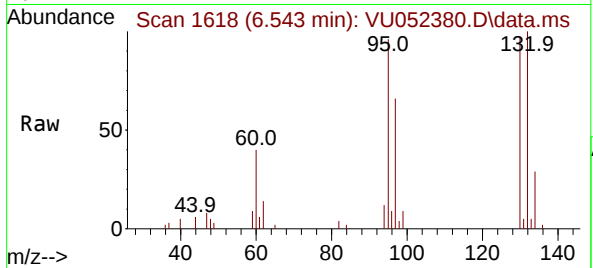


#34
Trichloroethene
Concen: 0.687 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052380.D
Acq: 13 Dec 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
BGPk2

Tgt Ion: 95 Resp: 12757

Ion	Ratio	Lower	Upper
95	100		
97	69.1	43.7	81.1
132	104.5	64.3	119.3
130	101.4	67.3	124.9



#47
Tetrachloroethene
Concen: 1.226 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052380.D
Acq: 13 Dec 2022 16:21

Tgt Ion: 164 Resp: 17431

Ion	Ratio	Lower	Upper
164	100		
129	99.5	67.4	125.2
131	91.7	67.1	124.7
166	128.4	89.7	166.5

