

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052381.D
 Acq On : 13 Dec 2022 16:45
 Operator : JC/MD
 Sample : N6034-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL0

Quant Time: Dec 14 03:21:03 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)

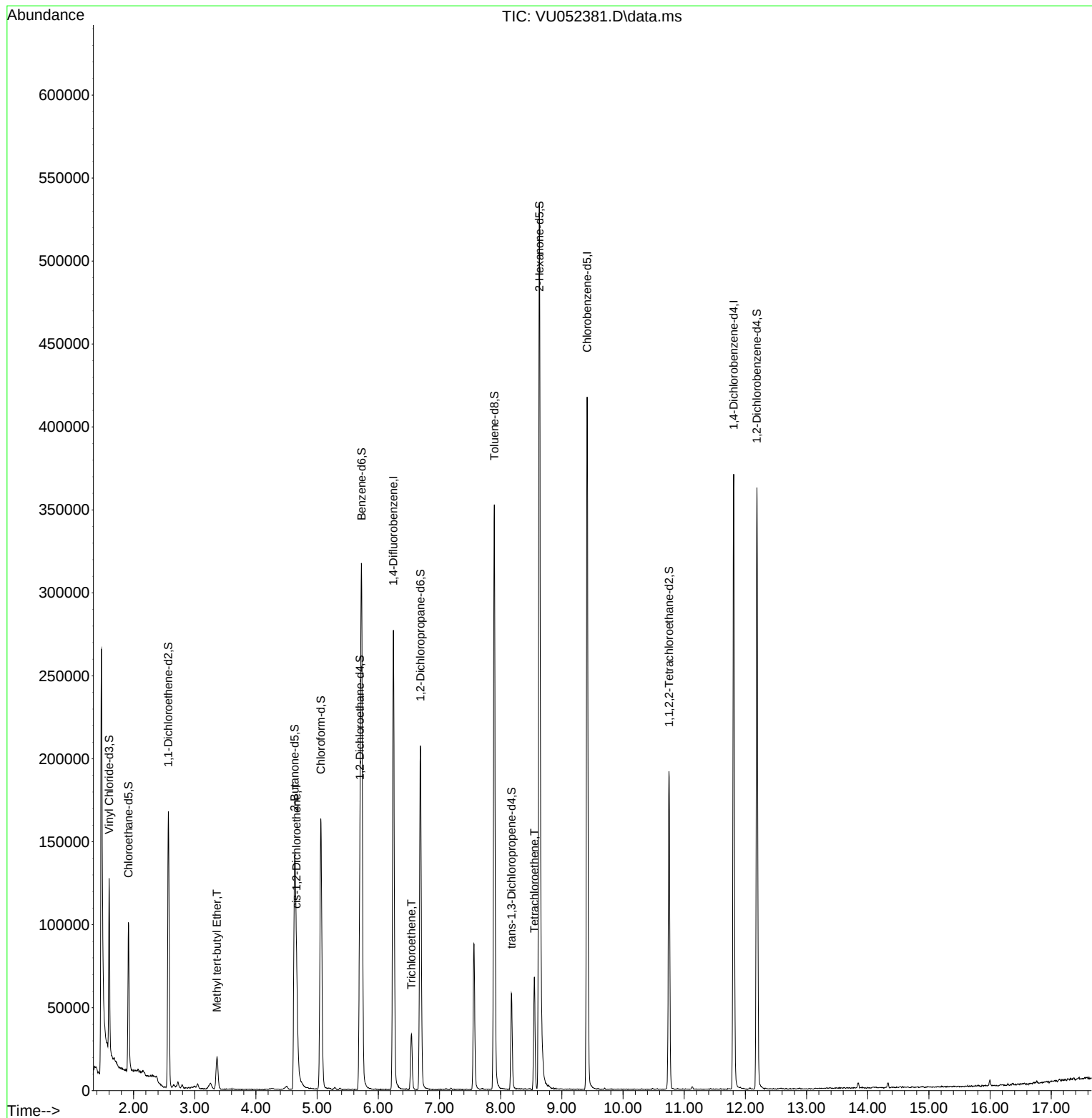
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76077	3.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.916	69	70151	4.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.568	65	30877	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.632	46	250042	61.740	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.480%
24) Chloroform-d	5.060	84	155339	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.700	65	82616	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	315632	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.687	67	105684	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.896	98	248241	3.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.176	79	33419	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.632	63	183315	53.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	99799	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	100884	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.362	73	21120	0.566	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	13742	0.733	ug/L	98
34) Trichloroethene	6.542	95	11739	0.599	ug/L	95
47) Tetrachloroethene	8.552	164	15567	1.037	ug/L	98

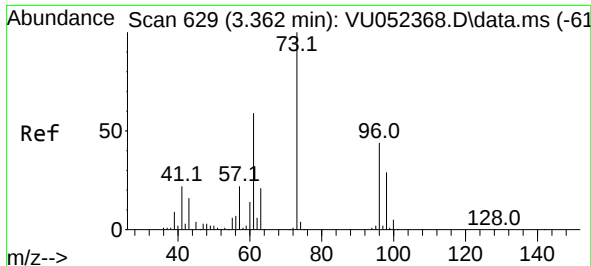
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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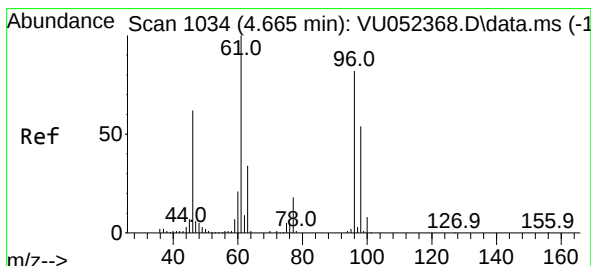
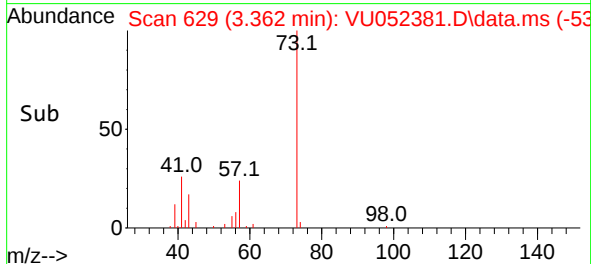
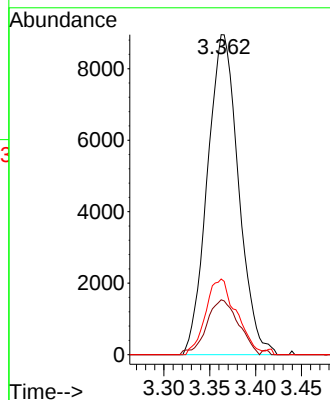
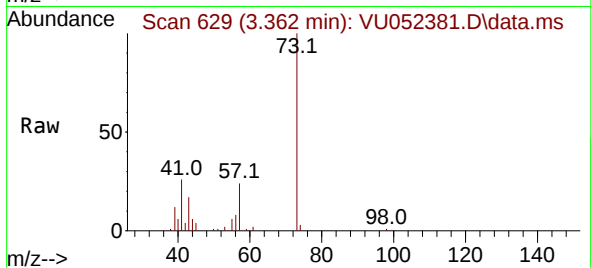




#17
Methyl tert-butyl Ether
Concen: 0.566 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052381.D
Acq: 13 Dec 2022 16:45

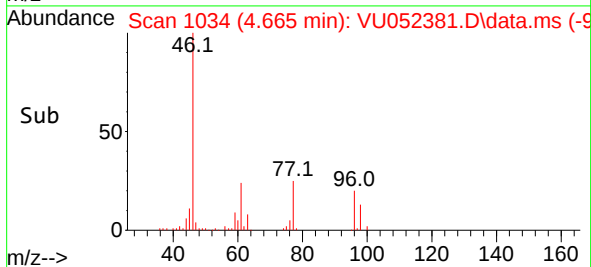
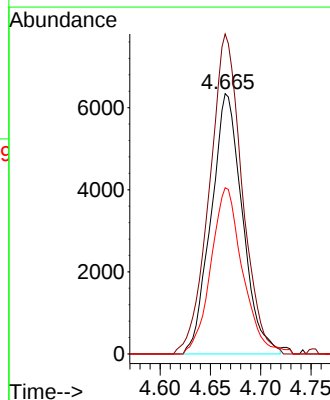
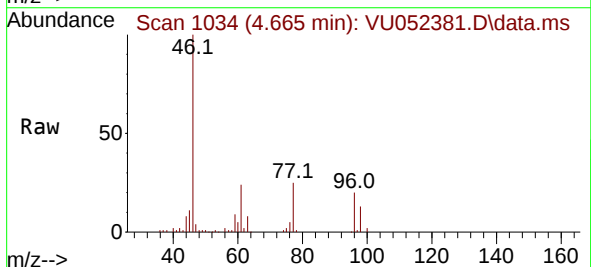
Instrument :
MSVOA_U
ClientSampleId :
BGPL0

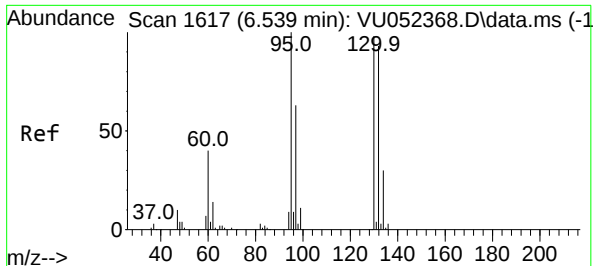
Tgt Ion: 73	Resp: 21120
Ion Ratio	Lower Upper
73 100	
43 17.5	13.2 19.8
57 23.4	17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.733 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052381.D
Acq: 13 Dec 2022 16:45

Tgt Ion: 96	Resp: 13742
Ion Ratio	Lower Upper
96 100	
61 122.9	85.1 158.1
98 63.8	42.8 79.6





#34

Trichloroethene

Concen: 0.599 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052381.D

Acq: 13 Dec 2022 16:45

Instrument :

MSVOA_U

ClientSampleId :

BGPL0

Tgt Ion: 95 Resp: 11739

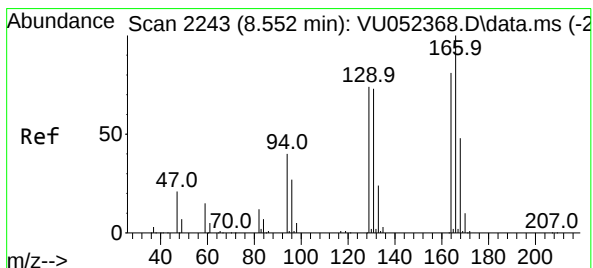
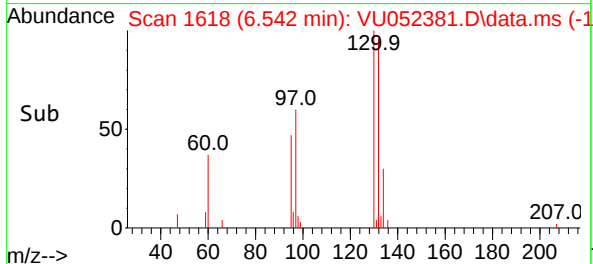
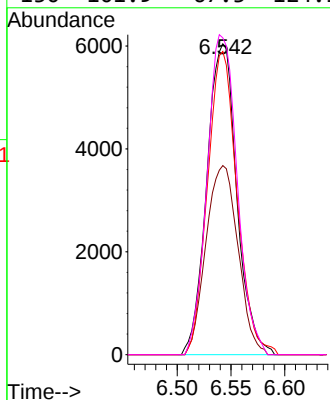
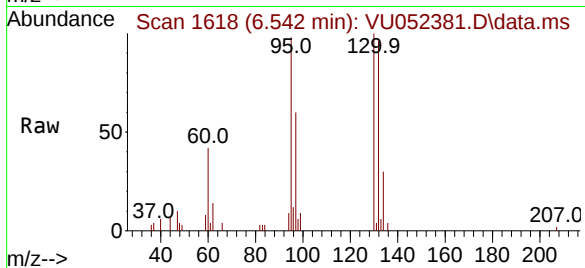
Ion Ratio Lower Upper

95 100

97 60.8 43.7 81.1

132 97.5 64.3 119.3

130 101.9 67.3 124.9



#47

Tetrachloroethene

Concen: 1.037 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052381.D

Acq: 13 Dec 2022 16:45

Tgt Ion: 164 Resp: 15567

Ion Ratio Lower Upper

164 100

129 95.6 67.4 125.2

131 90.8 67.1 124.7

166 128.4 89.7 166.5

