

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052405.D
 Acq On : 14 Dec 2022 17:08
 Operator : JC/MD
 Sample : N6034-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPk1

Quant Time: Dec 14 21:40:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

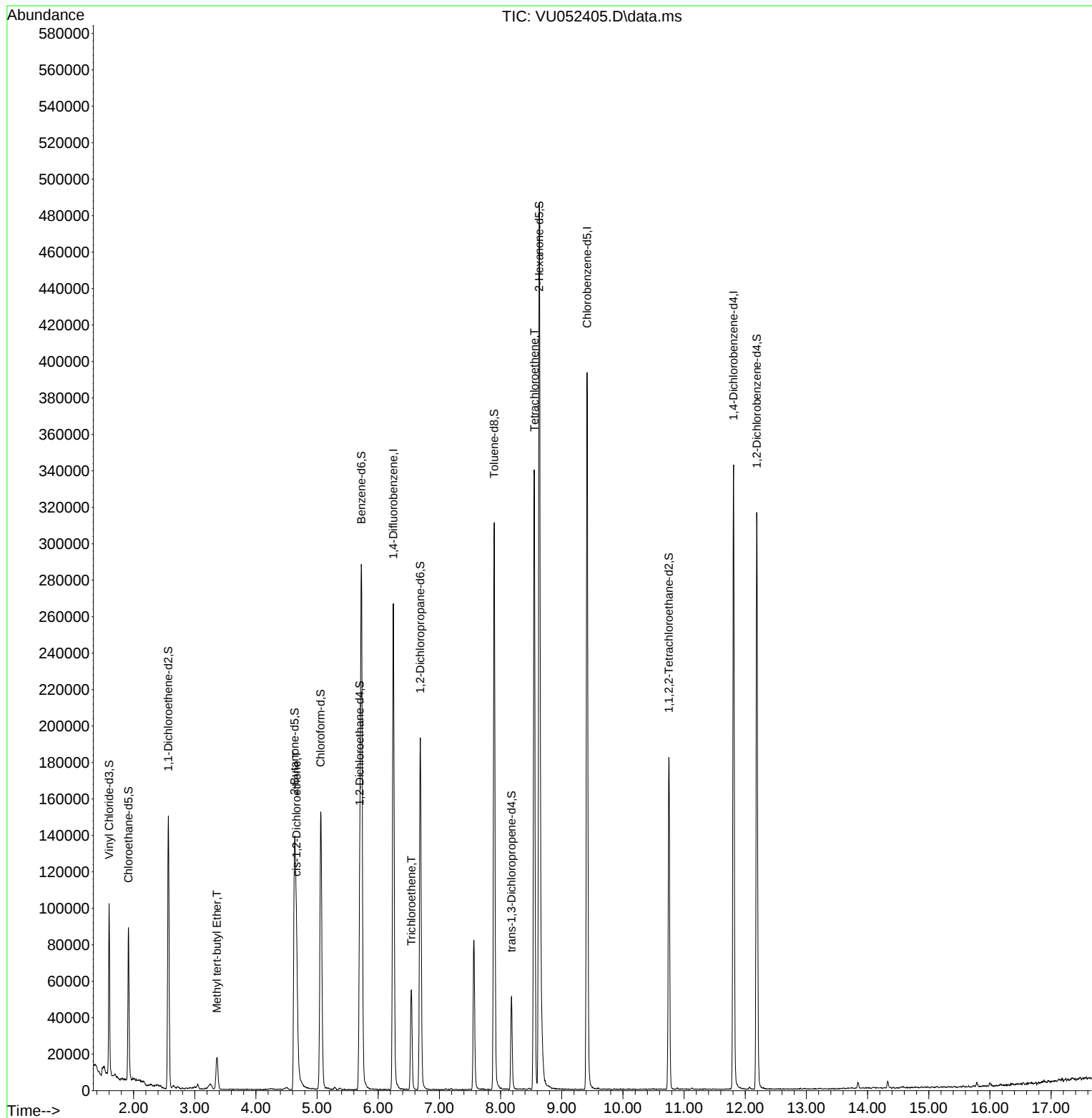
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	231176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66921	3.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.916	69	64344	3.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.568	65	27494	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.632	46	240514	61.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.800%
24) Chloroform-d	5.060	84	142707	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.697	65	80963	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	284030	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.687	67	100909	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.896	98	218341	3.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.179	79	30191	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.632	63	167750	51.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94350	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	88690	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.362	73	19195	0.532	ug/L	80
22) cis-1,2-Dichloroethene	4.665	96	21283	1.174	ug/L	92
34) Trichloroethene	6.542	95	19400	1.034	ug/L	92
47) Tetrachloroethene	8.552	164	80124	5.571	ug/L	96

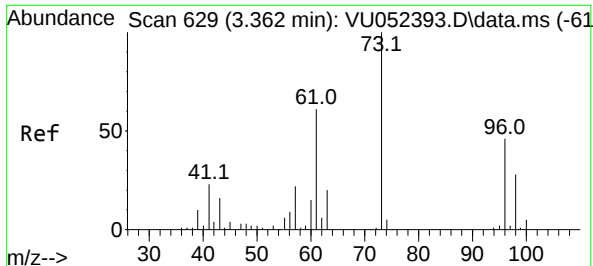
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.532 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052405.D

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Instrument :

MSVOA_U

ClientSampleId :

BGPK1

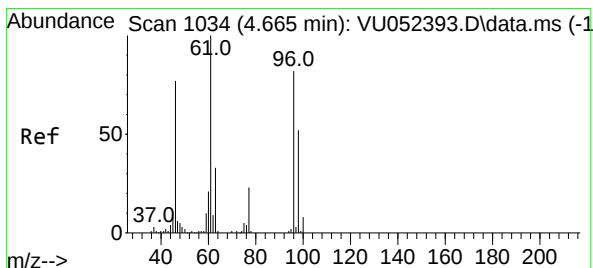
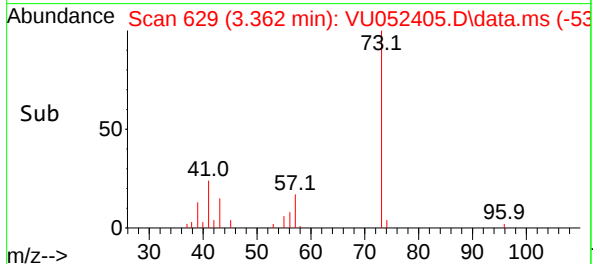
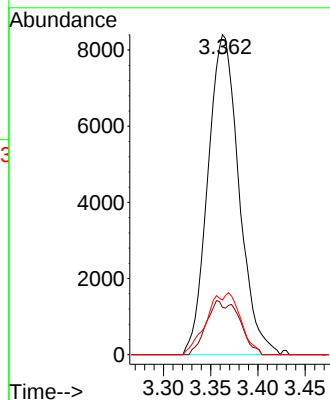
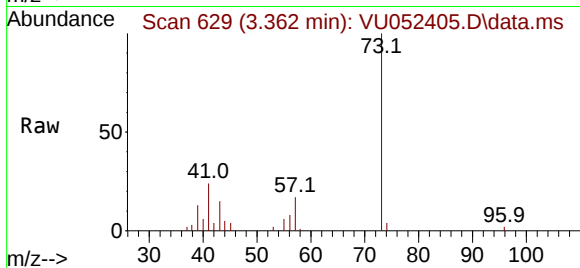
Tgt Ion: 73 Resp: 19195

Ion Ratio Lower Upper

73 100

43 10.3 13.2 19.8#

57 10.8 17.8 26.8#



#22

cis-1,2-Dichloroethene

Concen: 1.174 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052405.D

Acq: 14 Dec 2022 17:08

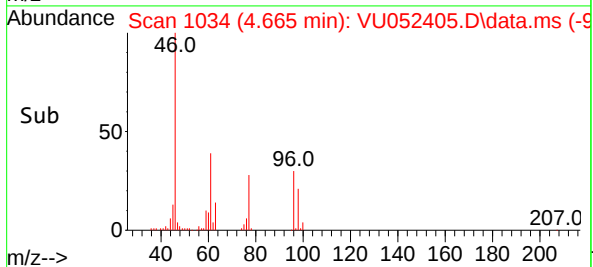
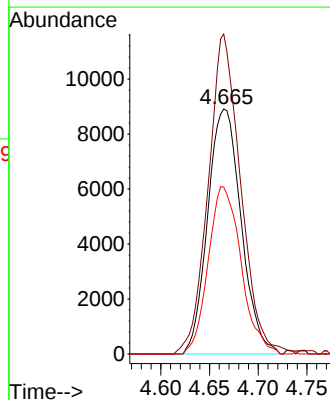
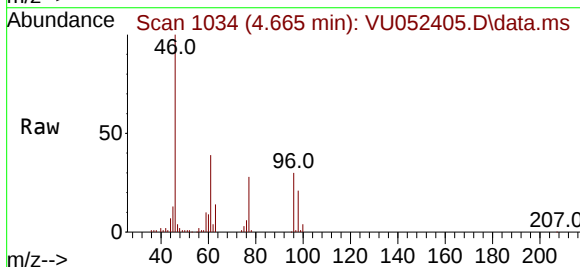
Tgt Ion: 96 Resp: 21283

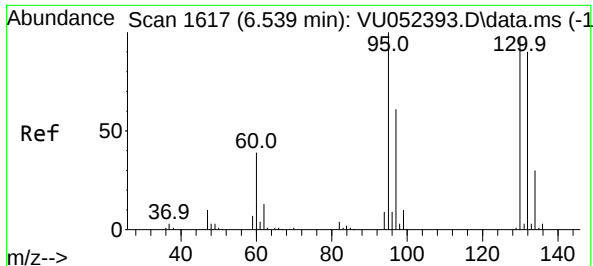
Ion Ratio Lower Upper

96 100

61 130.6 85.1 158.1

98 68.1 42.8 79.6



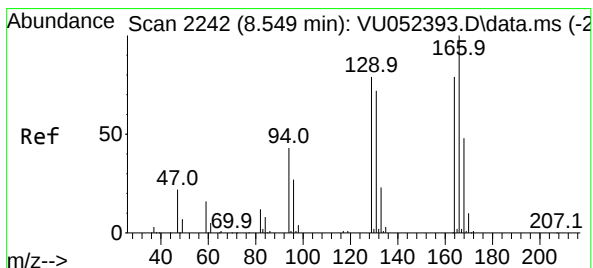
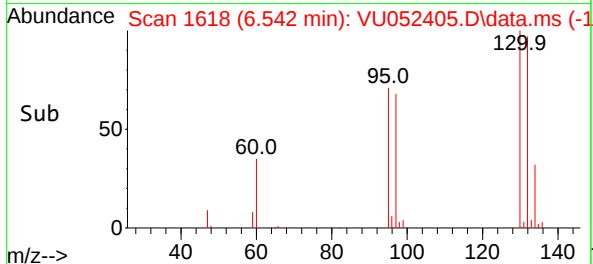
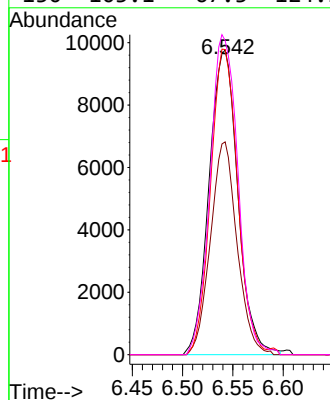
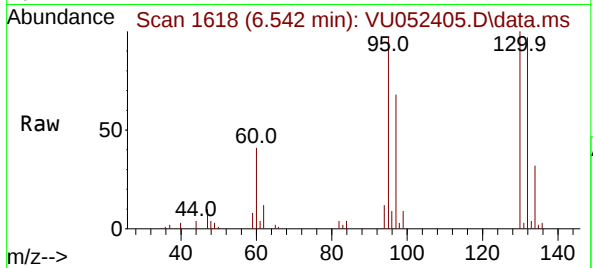


#34
Trichloroethene
Concen: 1.034 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
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BGPK1

Tgt Ion: 95 Resp: 19400

Ion	Ratio	Lower	Upper
95	100		
97	69.9	43.7	81.1
132	100.1	64.3	119.3
130	103.1	67.3	124.9



#47
Tetrachloroethene
Concen: 5.571 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052405.D
Acq: 14 Dec 2022 17:08

Tgt Ion: 164 Resp: 80124

Ion	Ratio	Lower	Upper
164	100		
129	93.6	67.4	125.2
131	90.7	67.1	124.7
166	124.1	89.7	166.5

