

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047339.D
 Acq On : 04 Mar 2022 19:05
 Operator : SY/MD
 Sample : N1810-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD89

Quant Time: Mar 04 23:24:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

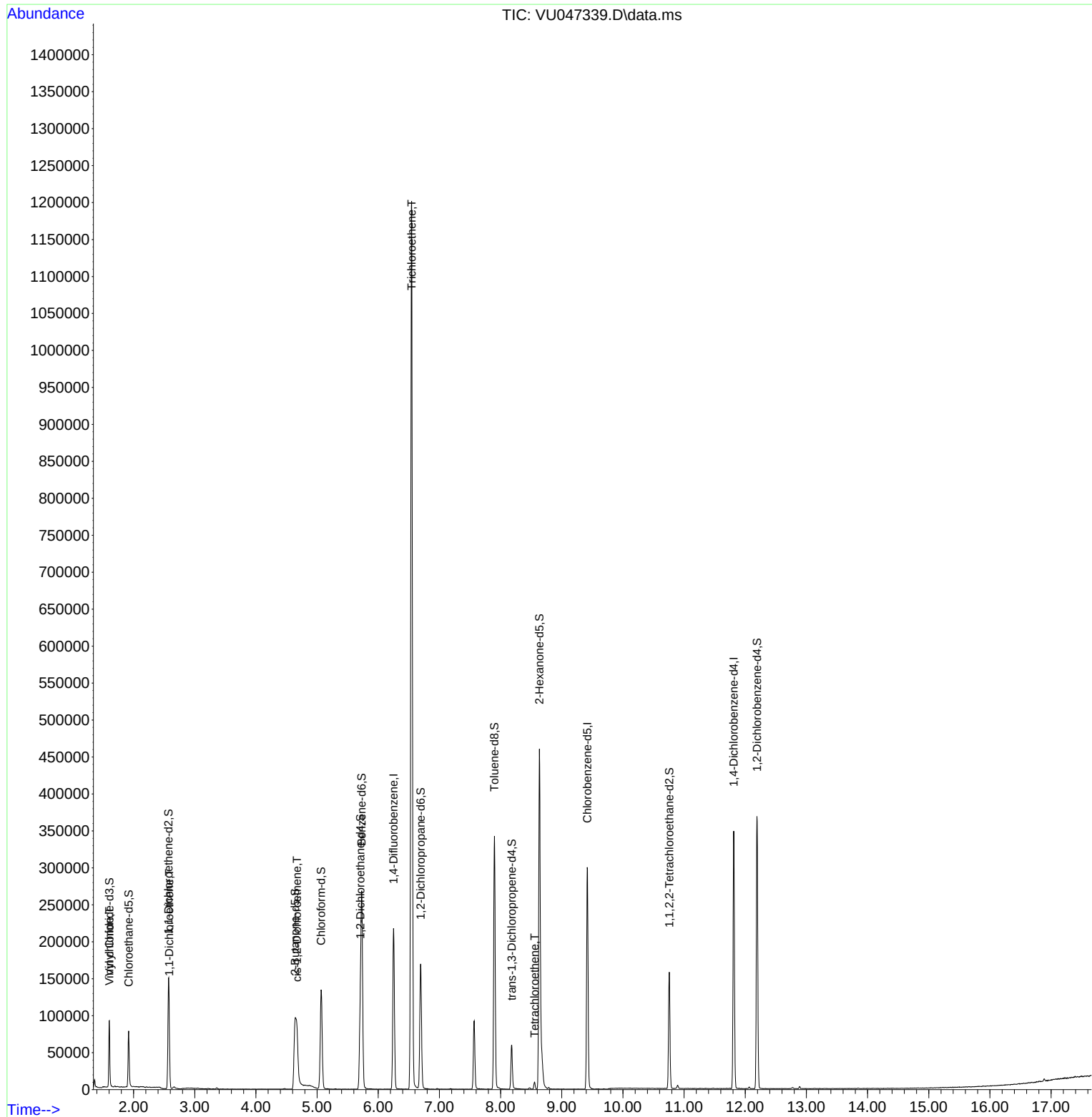
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64199	4.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.919	69	57594	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.571	65	27459	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.639	46	188276	43.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.040%
24) Chloroform-d	5.067	84	125642	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.706	65	70121	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.729	84	256841	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.693	67	82065	5.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	234925	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.182	79	33667	4.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.636	63	192895	49.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77660	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	101516	5.408	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1174	0.095	ug/L #	14
12) 1,1-Dichloroethene	2.584	96	3447	0.379	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	26040	2.420	ug/L	91
34) Trichloroethene	6.546	95	401837	38.387	ug/L	93
47) Tetrachloroethene	8.555	164	2227	0.250	ug/L	90

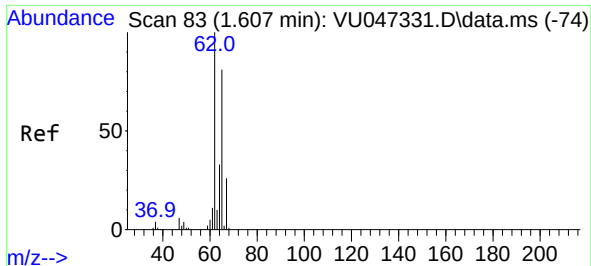
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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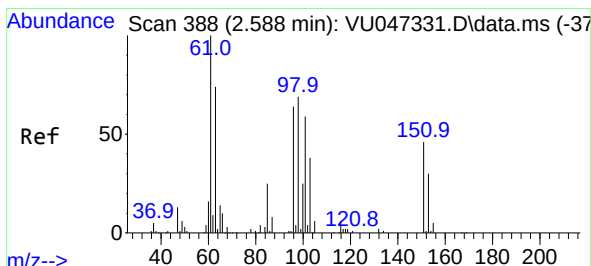
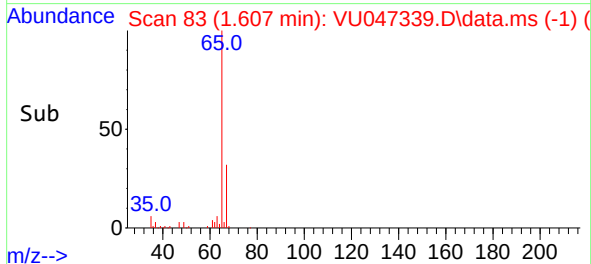
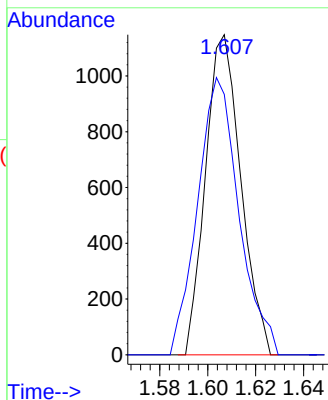
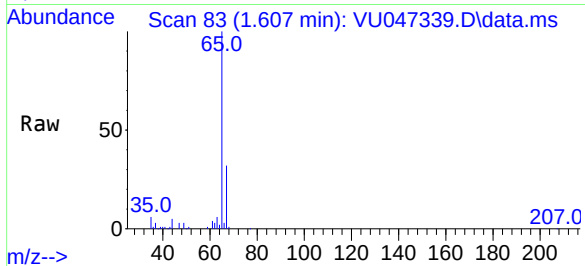




#5
 Vinyl chloride
 Concen: 0.095 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047339.D
 Acq: 04 Mar 2022 19:05

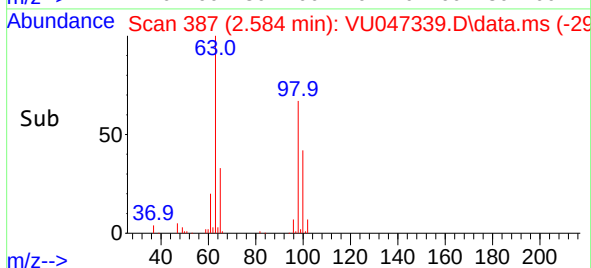
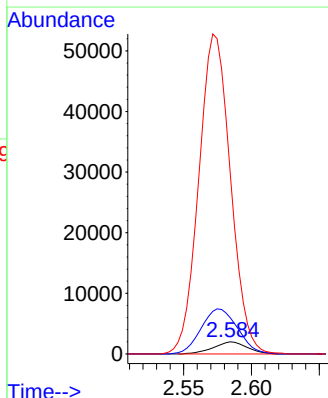
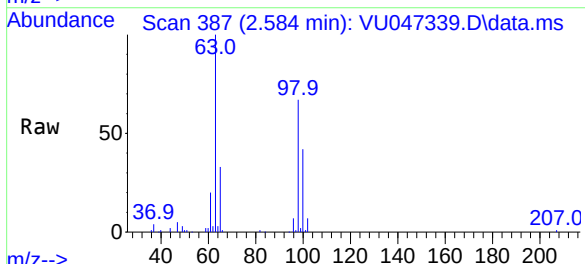
Instrument :
 MSVOA_U
 ClientSampleId :
 GBD89

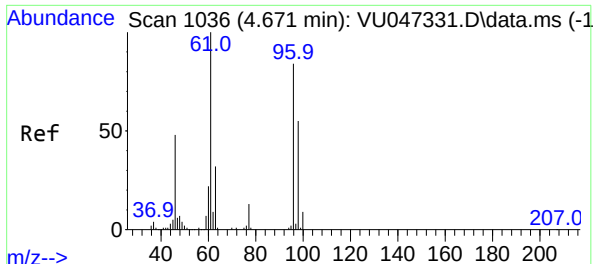
Tgt Ion: 62 Resp: 1174
 Ion Ratio Lower Upper
 62 100
 64 81.4 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 0.379 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047339.D
 Acq: 04 Mar 2022 19:05

Tgt Ion: 96 Resp: 3447
 Ion Ratio Lower Upper
 96 100
 61 298.8 124.7 231.5#
 63 1490.8 105.2 195.4#

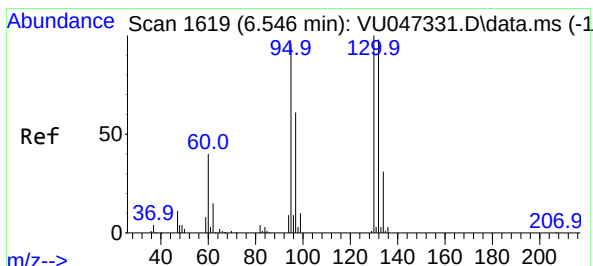
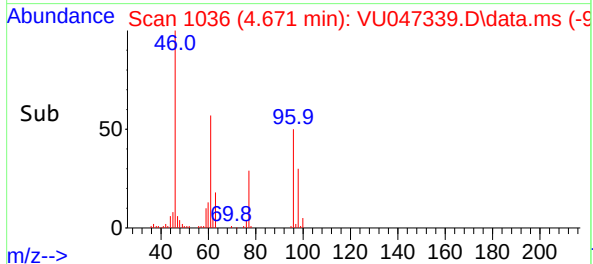
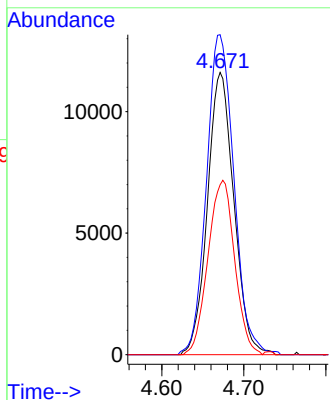
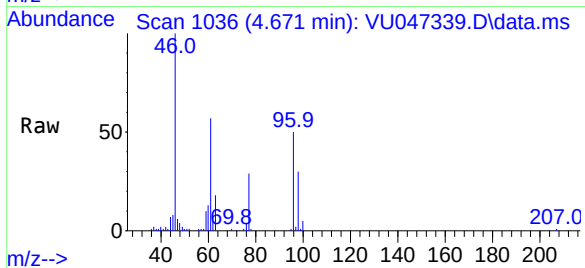




#22
cis-1,2-Dichloroethene
Concen: 2.420 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047339.D
Acq: 04 Mar 2022 19:05

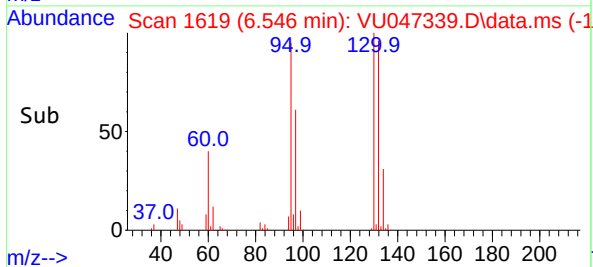
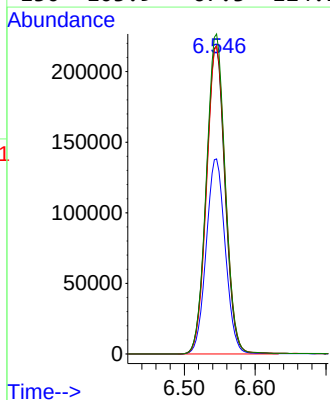
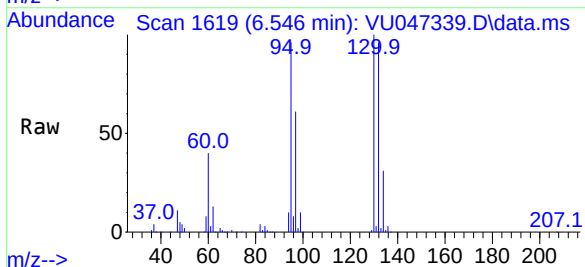
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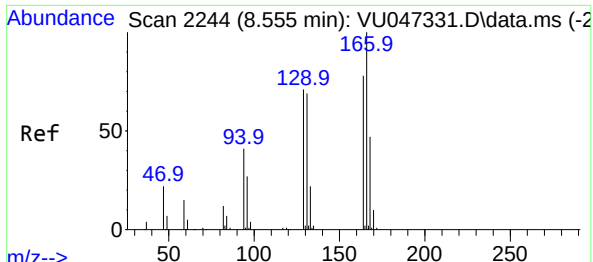
Tgt Ion: 96 Resp: 26040
Ion Ratio Lower Upper
96 100
61 113.4 88.5 164.3
98 60.2 44.4 82.5



#34
Trichloroethene
Concen: 38.387 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047339.D
Acq: 04 Mar 2022 19:05

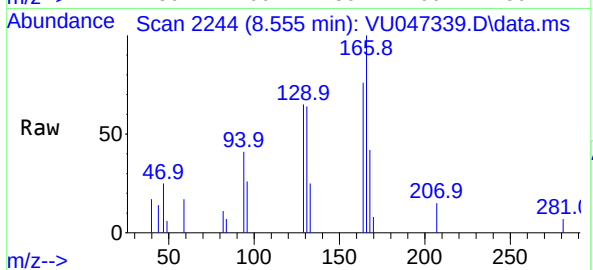
Tgt Ion: 95 Resp: 401837
Ion Ratio Lower Upper
95 100
97 63.3 46.5 86.5
132 100.0 65.1 120.9
130 103.9 67.3 124.9





#47
Tetrachloroethene
Concen: 0.250 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047339.D
Acq: 04 Mar 2022 19:05

Instrument :
MSVOA_U
ClientSampleId :
GBD89



Tgt Ion:164 Resp: 2227

Ion	Ratio	Lower	Upper
164	100		
129	85.4	71.8	133.4
131	84.0	68.5	127.3
166	131.0	94.1	174.8

