

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047187.D
 Acq On : 17 Feb 2022 03:40
 Operator : SY/MD
 Sample : N1558-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M68

Quant Time: Feb 17 04:54:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

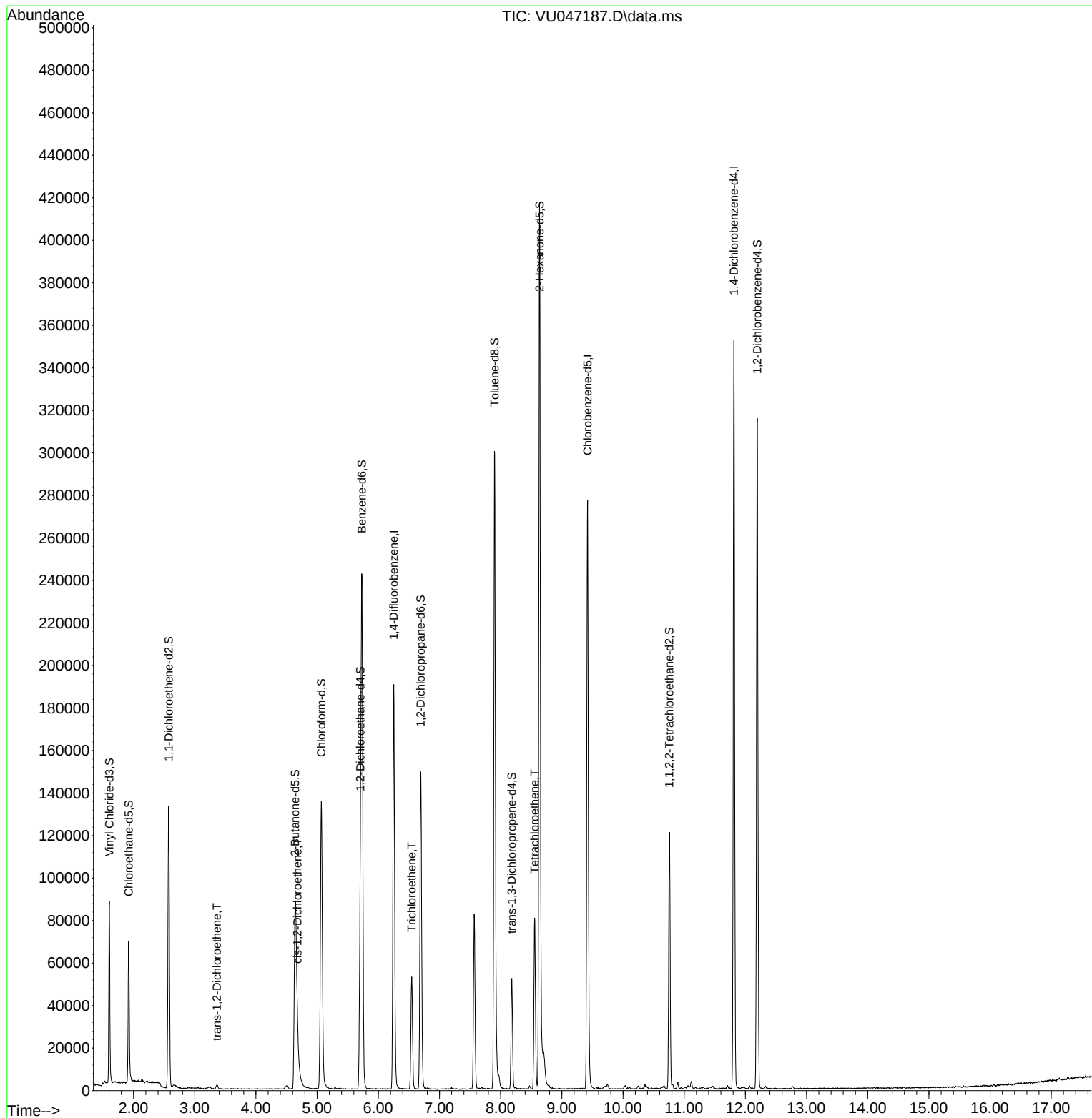
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	166541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62180	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.919	69	51023	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.575	65	24837	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.642	46	182539	55.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.640%
24) Chloroform-d	5.070	84	110756	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.707	65	62251	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	229637	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.694	67	73824	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	217264	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.182	79	29127	4.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	155025	43.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	59351	4.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	85225	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
18) trans-1,2-Dichloroethene	3.363	96	1090	0.095	ug/L	86
22) cis-1,2-Dichloroethene	4.678	96	1004	0.080	ug/L	97
34) Trichloroethene	6.546	95	17491	1.386	ug/L	94
47) Tetrachloroethene	8.555	164	19168	1.871	ug/L	90

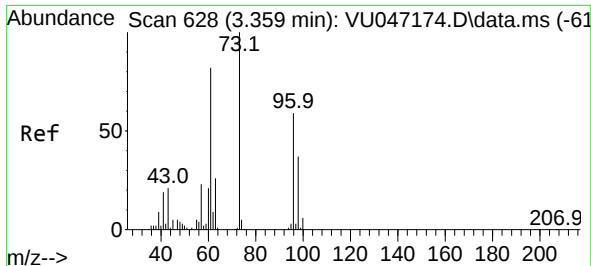
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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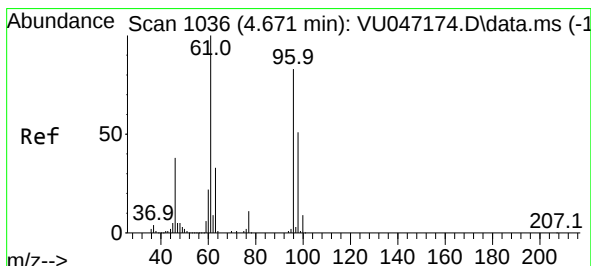
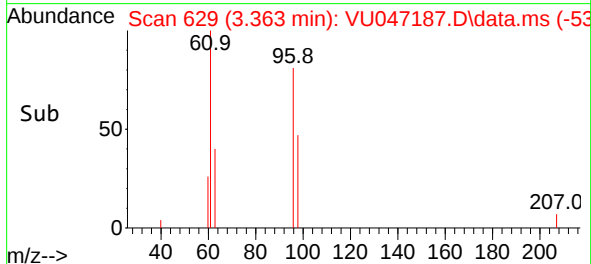
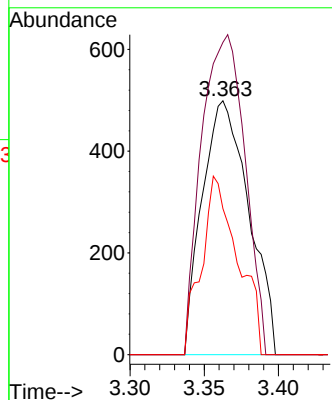
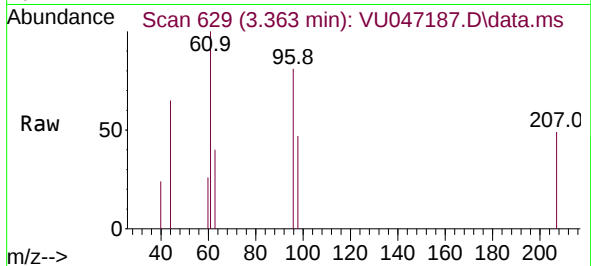




#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

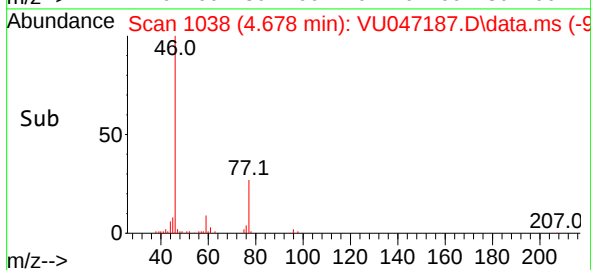
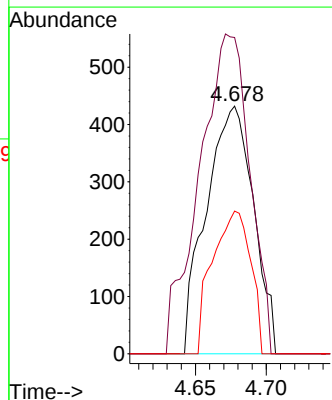
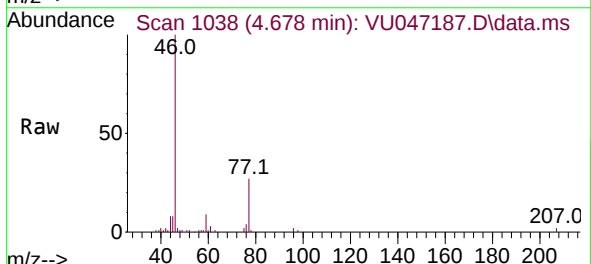
Instrument :
MSVOA_U
ClientSampleId :
F4M68

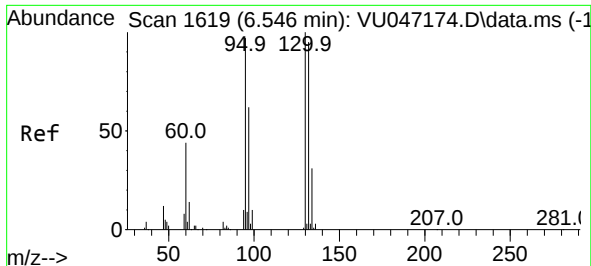
Tgt Ion: 96 Resp: 1090
Ion Ratio Lower Upper
96 100
61 123.0 100.8 187.2
98 57.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.080 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

Tgt Ion: 96 Resp: 1004
Ion Ratio Lower Upper
96 100
61 127.8 88.5 164.3
98 57.6 44.4 82.5



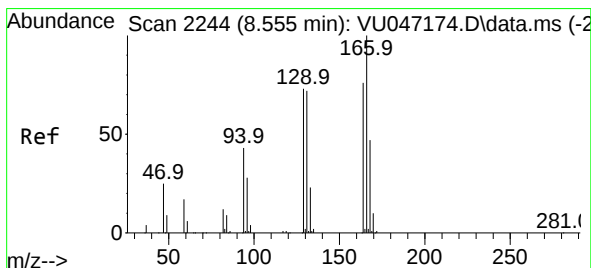
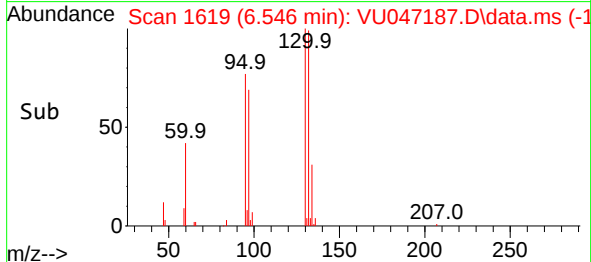
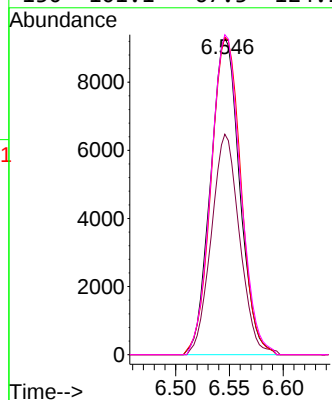
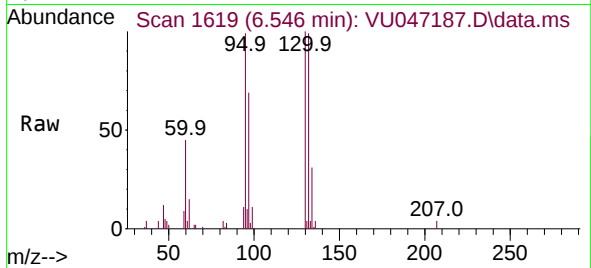


#34
Trichloroethene
Concen: 1.386 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

Instrument :
MSVOA_U
ClientSampleId :
F4M68

Tgt Ion: 95 Resp: 17491

Ion	Ratio	Lower	Upper
95	100		
97	69.6	46.5	86.5
132	100.3	65.1	120.9
130	101.1	67.3	124.9



#47
Tetrachloroethene
Concen: 1.871 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

Tgt Ion: 164 Resp: 19168

Ion	Ratio	Lower	Upper
164	100		
129	92.0	71.8	133.4
131	89.2	68.5	127.3
166	123.0	94.1	174.8

