

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047185.D
 Acq On : 17 Feb 2022 02:52
 Operator : SY/MD
 Sample : N1559-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M66

Quant Time: Feb 17 04:53:46 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

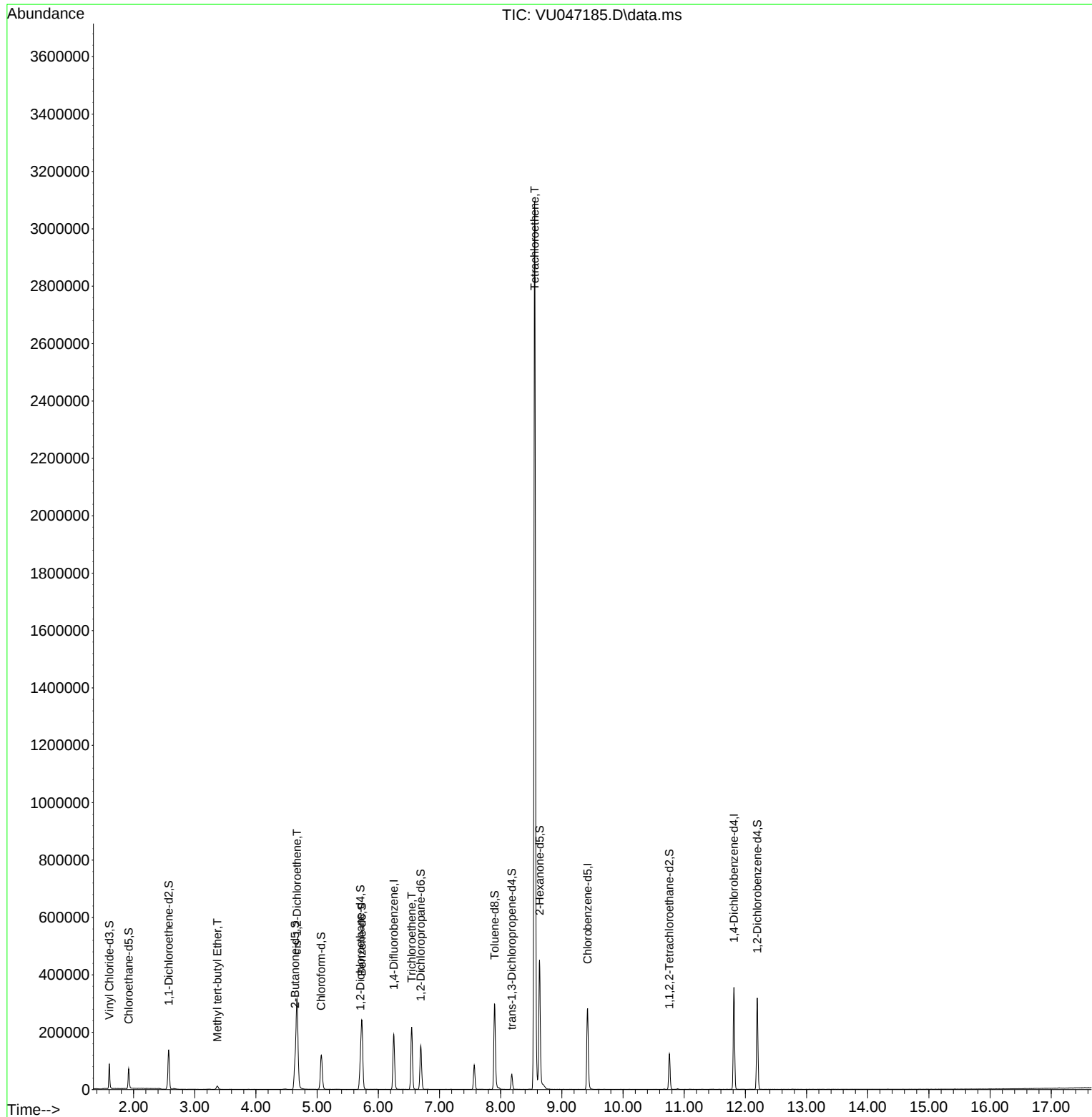
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166734	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62475	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.919	69	51951	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.575	65	25642	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.642	46	186308	55.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.067	84	110997	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	62408	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.732	84	230629	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	73895	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.899	98	217894	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.182	79	29234	4.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.636	63	161447	44.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	61364	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	86238	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
17) Methyl tert-butyl Ether	3.369	73	11832	0.395	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	145506	11.275	ug/L	98
34) Trichloroethene	6.546	95	72847	5.657	ug/L	95
47) Tetrachloroethene	8.555	164	732431	70.085	ug/L	93

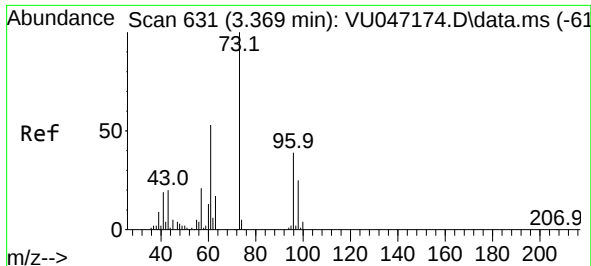
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.395 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047185.D

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Instrument :

MSVOA_U

ClientSampleId :

F4M66

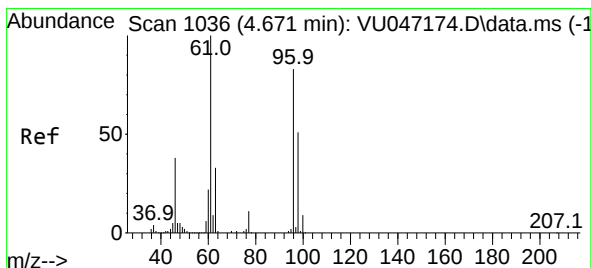
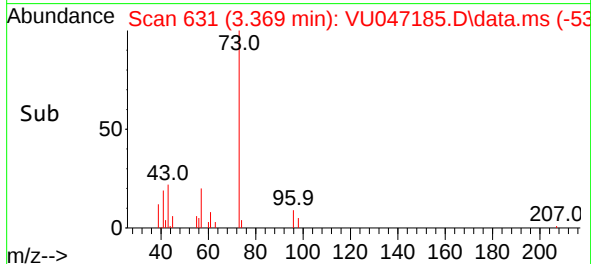
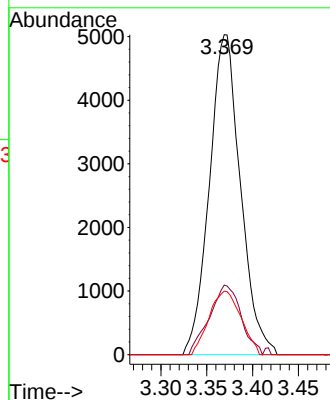
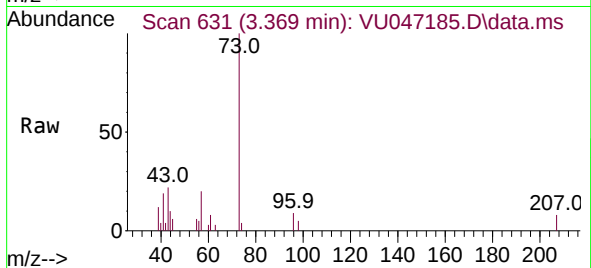
Tgt Ion: 73 Resp: 11832

Ion Ratio Lower Upper

73 100

43 22.2 14.8 22.2

57 20.4 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 11.275 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047185.D

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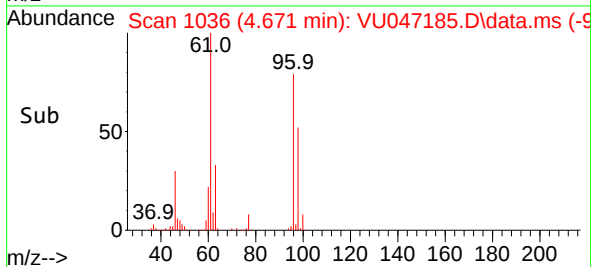
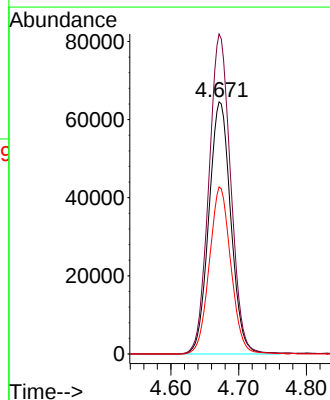
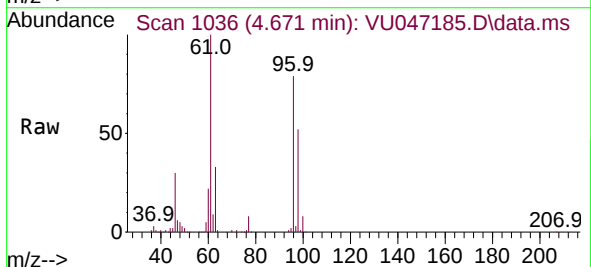
Tgt Ion: 96 Resp: 145506

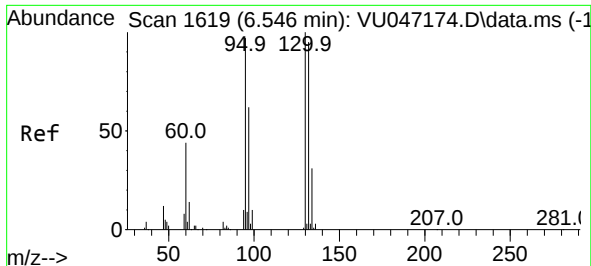
Ion Ratio Lower Upper

96 100

61 126.9 88.5 164.3

98 66.3 44.4 82.5



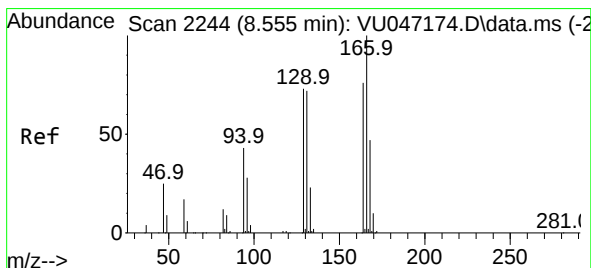
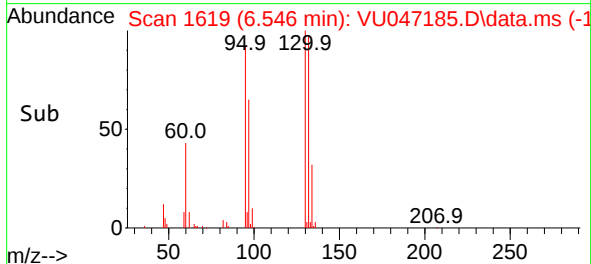
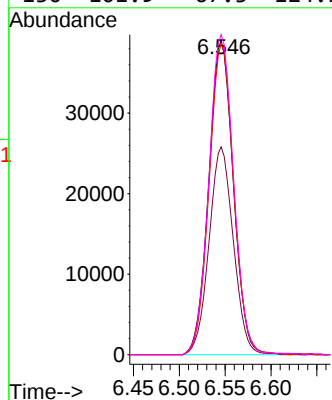
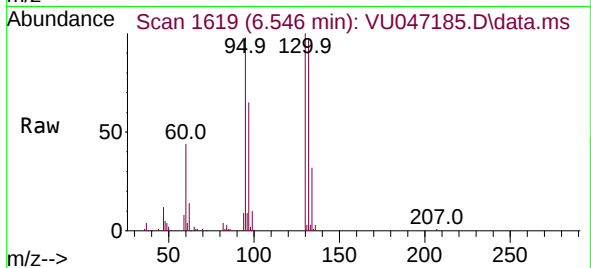


#34
 Trichloroethene
 Concen: 5.657 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 72847

Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.5	86.5
132	99.2	65.1	120.9
130	101.9	67.3	124.9



#47
 Tetrachloroethene
 Concen: 70.085 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: VU047185.D
 Acq: 17 Feb 2022 02:52

Tgt Ion: 164 Resp: 732431

Ion	Ratio	Lower	Upper
164	100		
129	94.7	71.8	133.4
131	91.0	68.5	127.3
166	126.9	94.1	174.8

