

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047333.D
 Acq On : 04 Mar 2022 16:44
 Operator : SY/MD
 Sample : N1773-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY13

Quant Time: Mar 04 23:23:14 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)

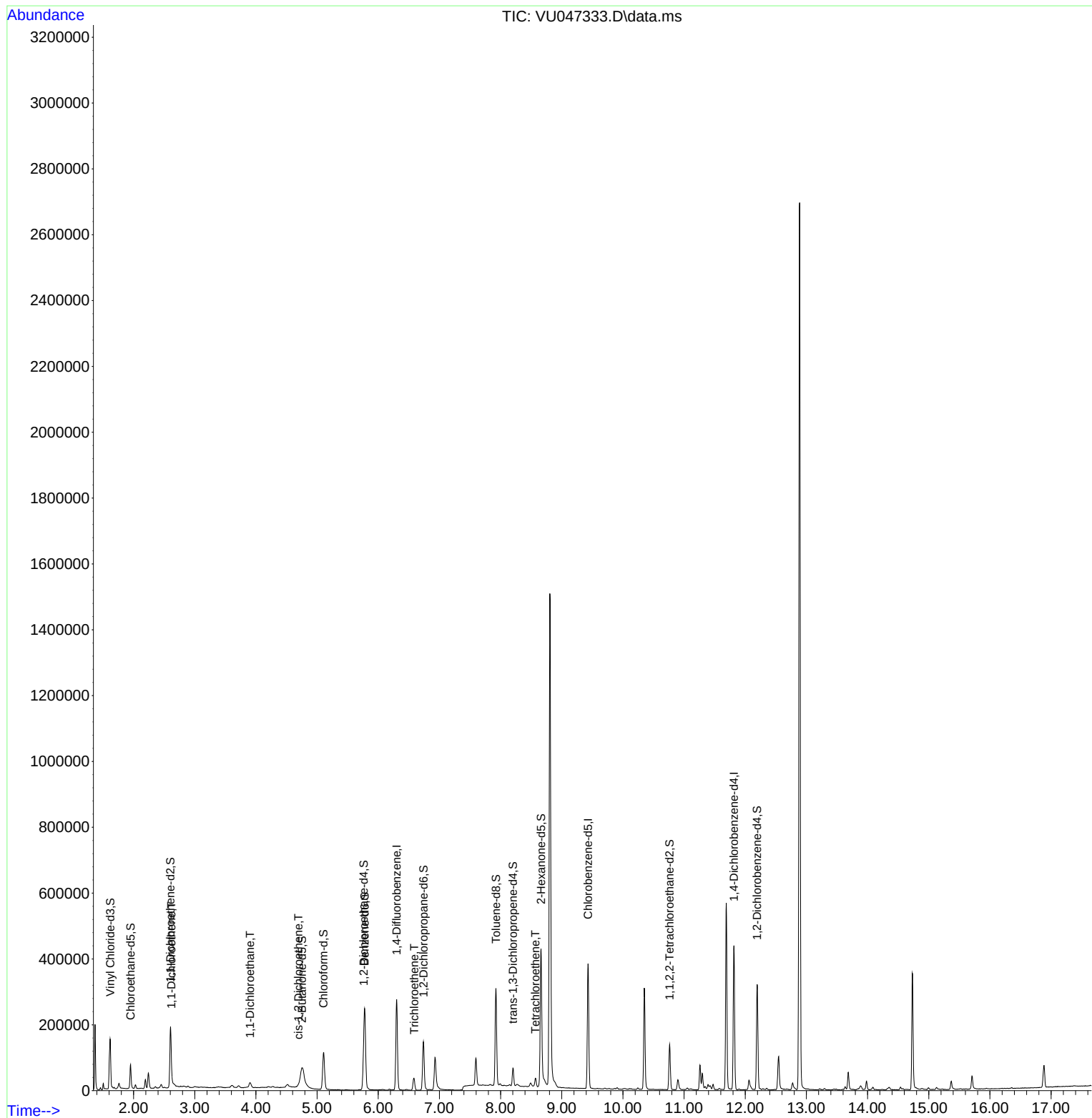
Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	226802	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	219443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	121132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.620	65	60637	3.767	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.951	69	53216	3.963	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.604	65	28868	4.246	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.755	46	195980	37.085	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.160%
24) Chloroform-d	5.105	84	106242	3.572	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
26) 1,2-Dichloroethane-d4	5.764	65	60721	3.638	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.780	84	216600	3.505	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.738	67	70500	3.662	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.925	98	200883	3.442	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.205	79	31262	3.696	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.661	63	176688	36.702	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.400%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69110	3.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	87504	3.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.800%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.616	96	3476	0.313	ug/L #	1
19) 1,1-Dichloroethane	3.906	63	15532	0.773	ug/L	98
22) cis-1,2-Dichloroethene	4.697	96	1987	0.151	ug/L	92
34) Trichloroethene	6.587	95	8638	0.664	ug/L	96
47) Tetrachloroethene	8.571	164	5893	0.531	ug/L	87

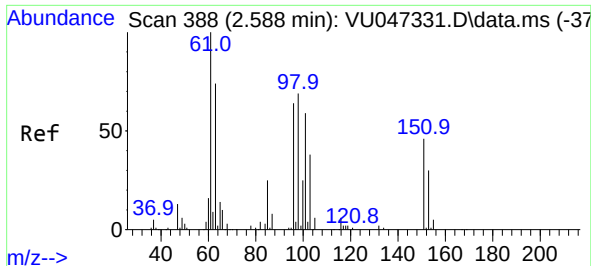
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.313 ug/L

RT: 2.616 min Scan# 397

Delta R.T. 0.029 min

Lab File: VU047333.D

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Instrument :

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ClientSampleId :

BFY13

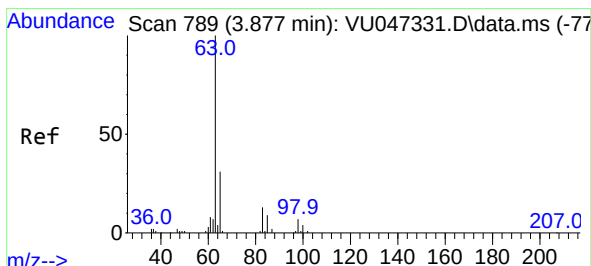
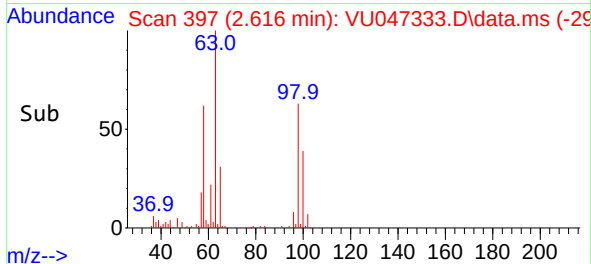
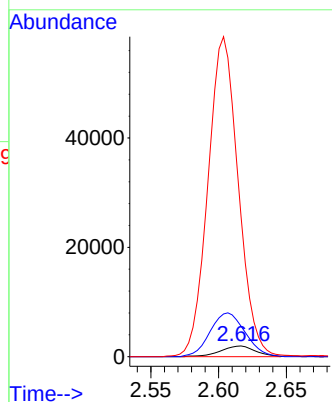
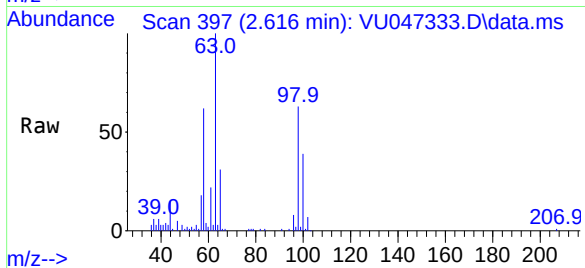
Tgt Ion: 96 Resp: 3476

Ion Ratio Lower Upper

96 100

61 285.6 124.7 231.5#

63 1317.9 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.773 ug/L

RT: 3.906 min Scan# 798

Delta R.T. 0.029 min

Lab File: VU047333.D

Acq: 04 Mar 2022 16:44

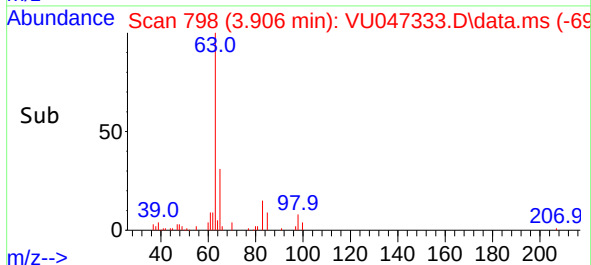
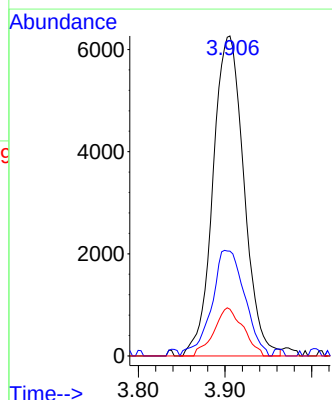
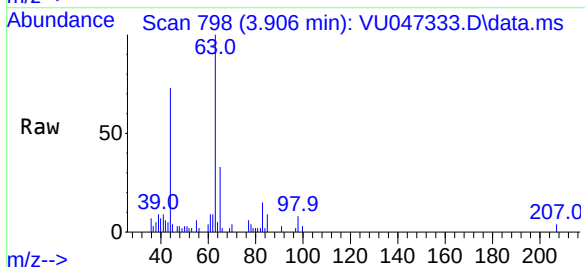
Tgt Ion: 63 Resp: 15532

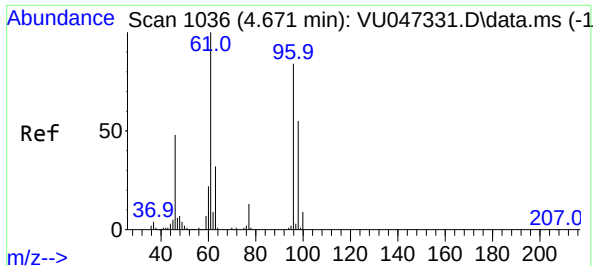
Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 14.6 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.151 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.026 min

Lab File: VU047333.D

Acq: 04 Mar 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

BFY13

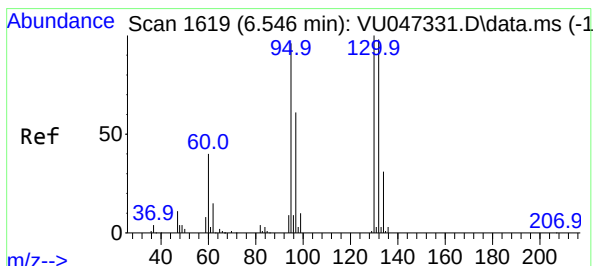
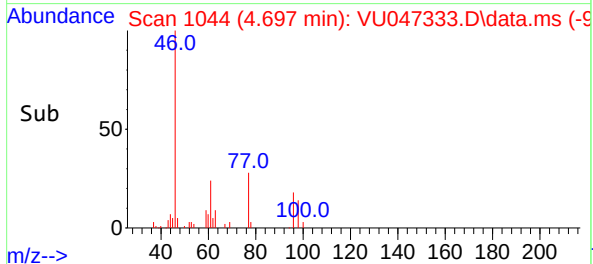
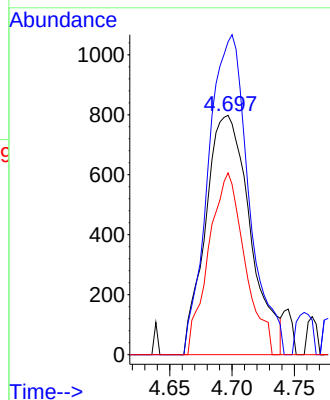
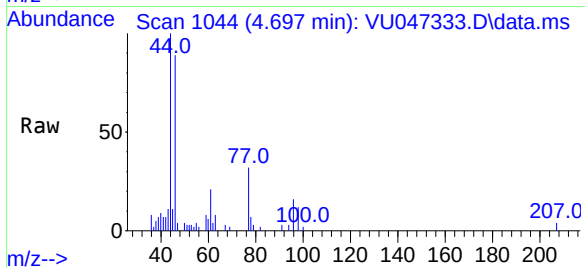
Tgt Ion: 96 Resp: 1987

Ion Ratio Lower Upper

96 100

61 130.7 88.5 164.3

98 75.9 44.4 82.5



#34

Trichloroethene

Concen: 0.664 ug/L

RT: 6.587 min Scan# 1632

Delta R.T. 0.042 min

Lab File: VU047333.D

Acq: 04 Mar 2022 16:44

Tgt Ion: 95 Resp: 8638

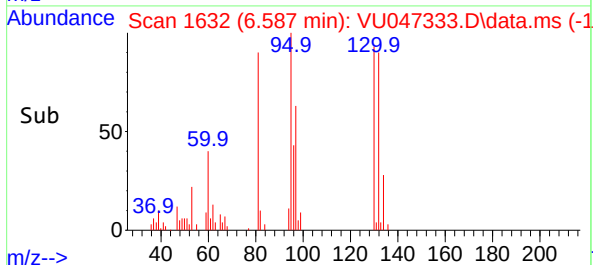
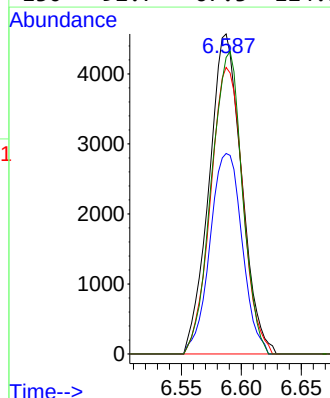
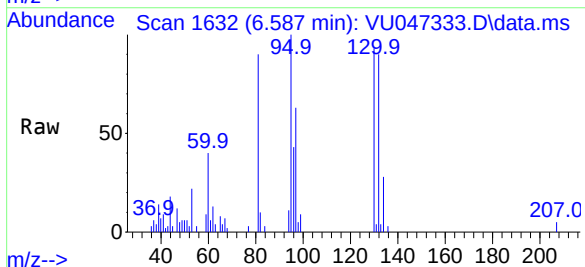
Ion Ratio Lower Upper

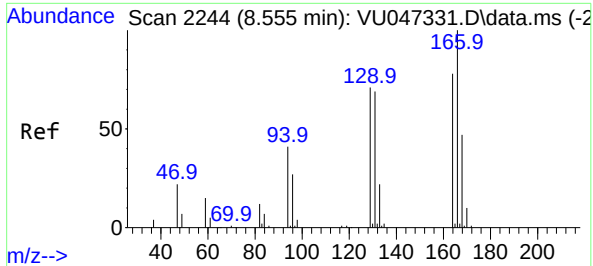
95 100

97 62.7 46.5 86.5

132 89.5 65.1 120.9

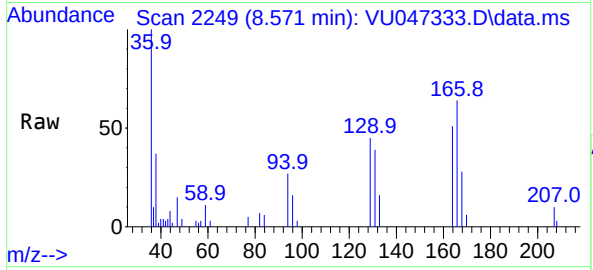
130 92.7 67.3 124.9





#47
Tetrachloroethene
Concen: 0.531 ug/L
RT: 8.571 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Instrument :
MSVOA_U
ClientSampleId :
BFY13



Tgt Ion:164 Resp: 5893

Ion	Ratio	Lower	Upper
164	100		
129	88.0	71.8	133.4
131	76.8	68.5	127.3
166	126.4	94.1	174.8

