

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029552.D
 Acq On : 19 Feb 2019 14:05
 Operator : JC/SP
 Sample : K1522-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN8DL

Quant Time: Feb 20 11:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227126	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59195	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.68	69	56863	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.27	63	95784	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.19	46	159187	50.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.65	84	102508	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	61070	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	234326	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.33	67	72578	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.56	98	224555	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	27633	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	157038	49.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63212	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	100365	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

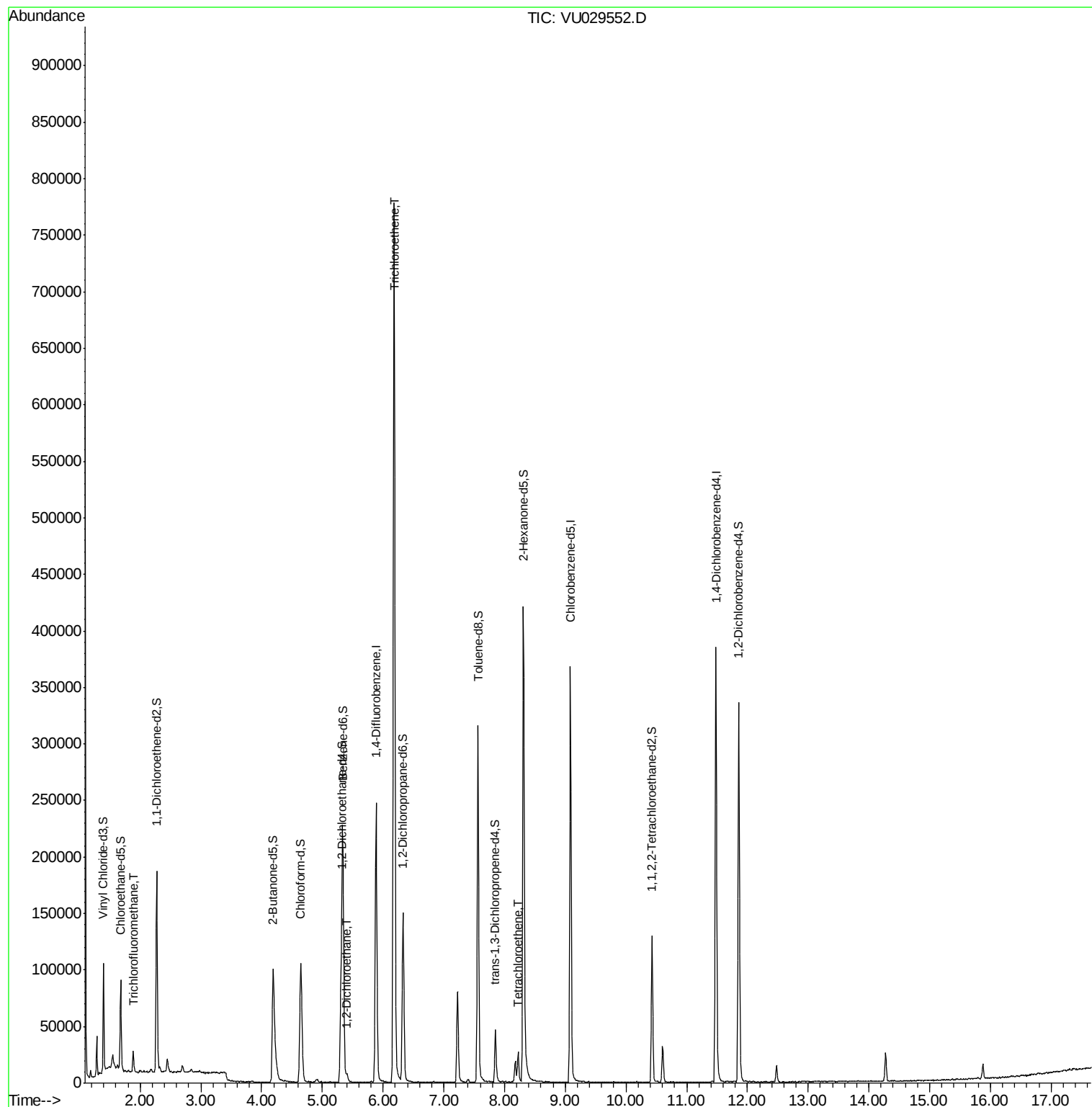
					Ovalue
9) Trichlorofluoromethane	1.89	101	10214	0.305 ug/L	99
27) 1,2-Dichloroethane	5.41	62	4453	0.256 ug/L	95
34) Trichloroethene	6.18	95	267852	14.770 ug/L	98
47) Tetrachloroethene	8.22	164	5980	0.360 ug/L	94

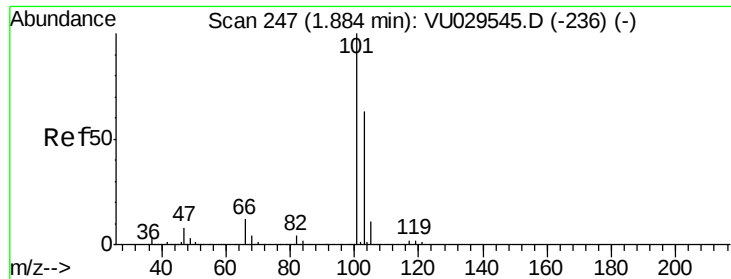
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.305 ug/L

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

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ClientSampleId :

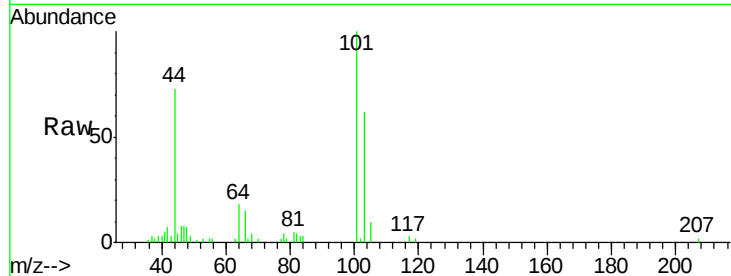
C0AN8DL

Tot Ion:101 Resp: 10214

Ion Ratio Lower Upper

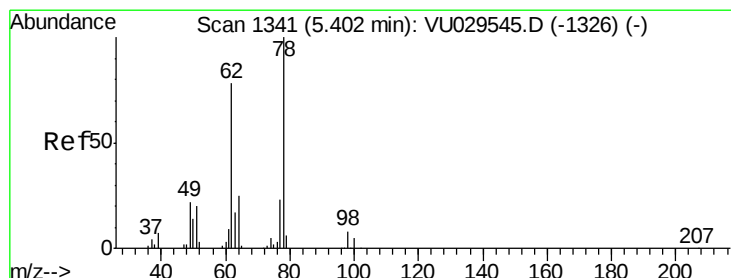
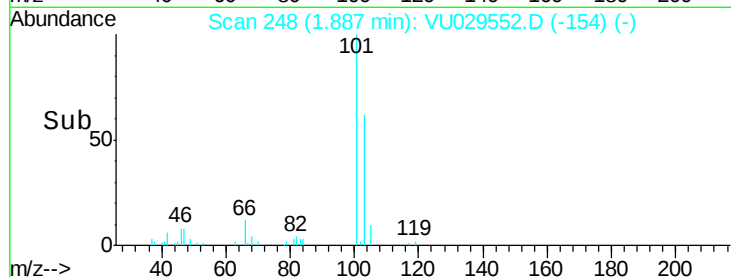
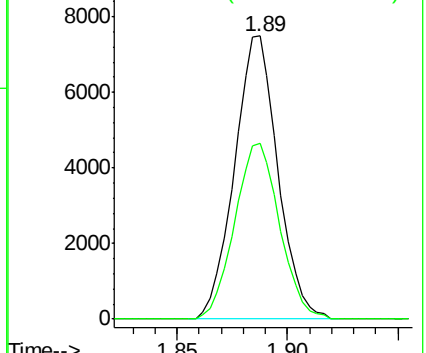
101 100

103 64.3 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#27

1,2-Dichloroethane

Concen: 0.256 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU029552.D

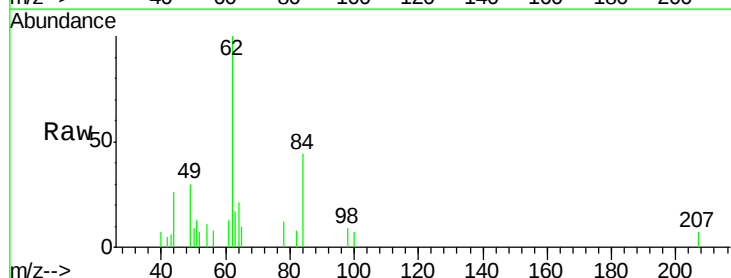
Acq: 19 Feb 2019 14:05

Tgt Ion: 62 Resp: 4453

Ion Ratio Lower Upper

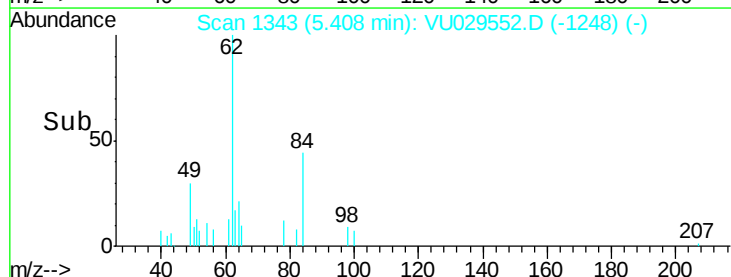
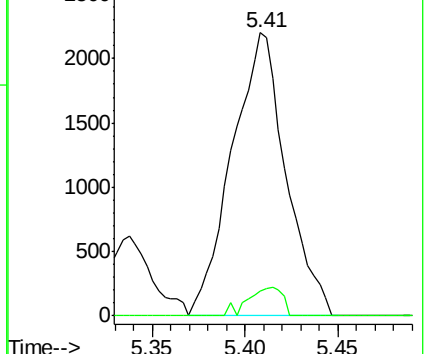
62 100

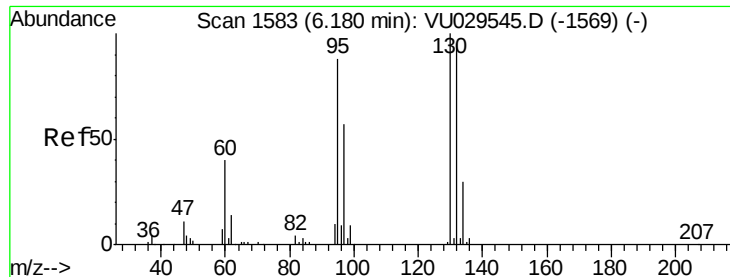
98 8.8 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#34

Trichloroethene

Concen: 14.770 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU029552.D

Acq: 19 Feb 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

C0AN8DL

Tot Ion: 95 Resp: 267852

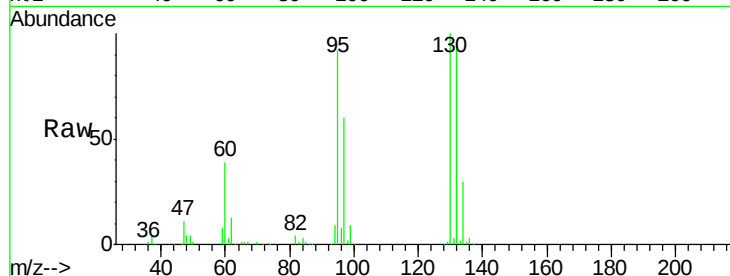
Ion Ratio Lower Upper

95 100

97 65.9 46.3 86.1

132 104.0 72.9 135.3

130 109.1 79.2 147.0

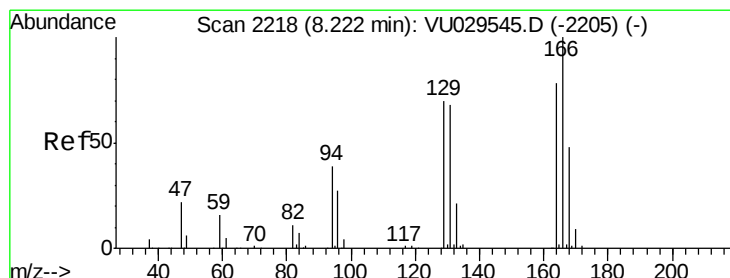
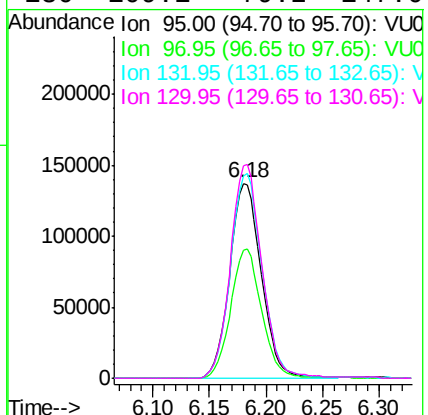
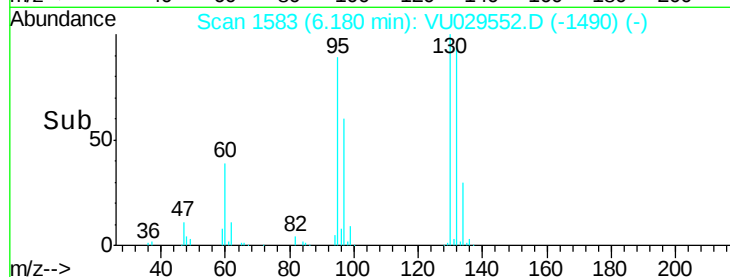


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.360 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029552.D

Acq: 19 Feb 2019 14:05

Tgt Ion: 164 Resp: 5980

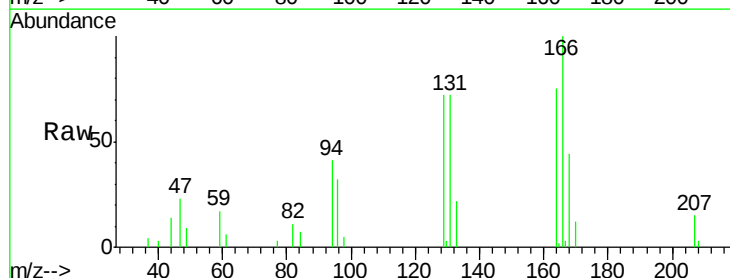
Ion Ratio Lower Upper

164 100

129 95.5 62.9 116.9

131 95.8 62.1 115.3

166 132.7 89.8 166.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

