

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029562.D
 Acq On : 19 Feb 2019 18:02
 Operator : JC/SP
 Sample : K1488-14DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF0DL

Quant Time: Feb 20 02:39:52 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	208388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54149	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	48757	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	83788	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.19	46	149410	51.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	4.65	84	90165	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.31	65	55694	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.34	84	206034	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.33	67	66234	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	194997	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.85	79	24534	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.31	63	148330	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58716	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	88911	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

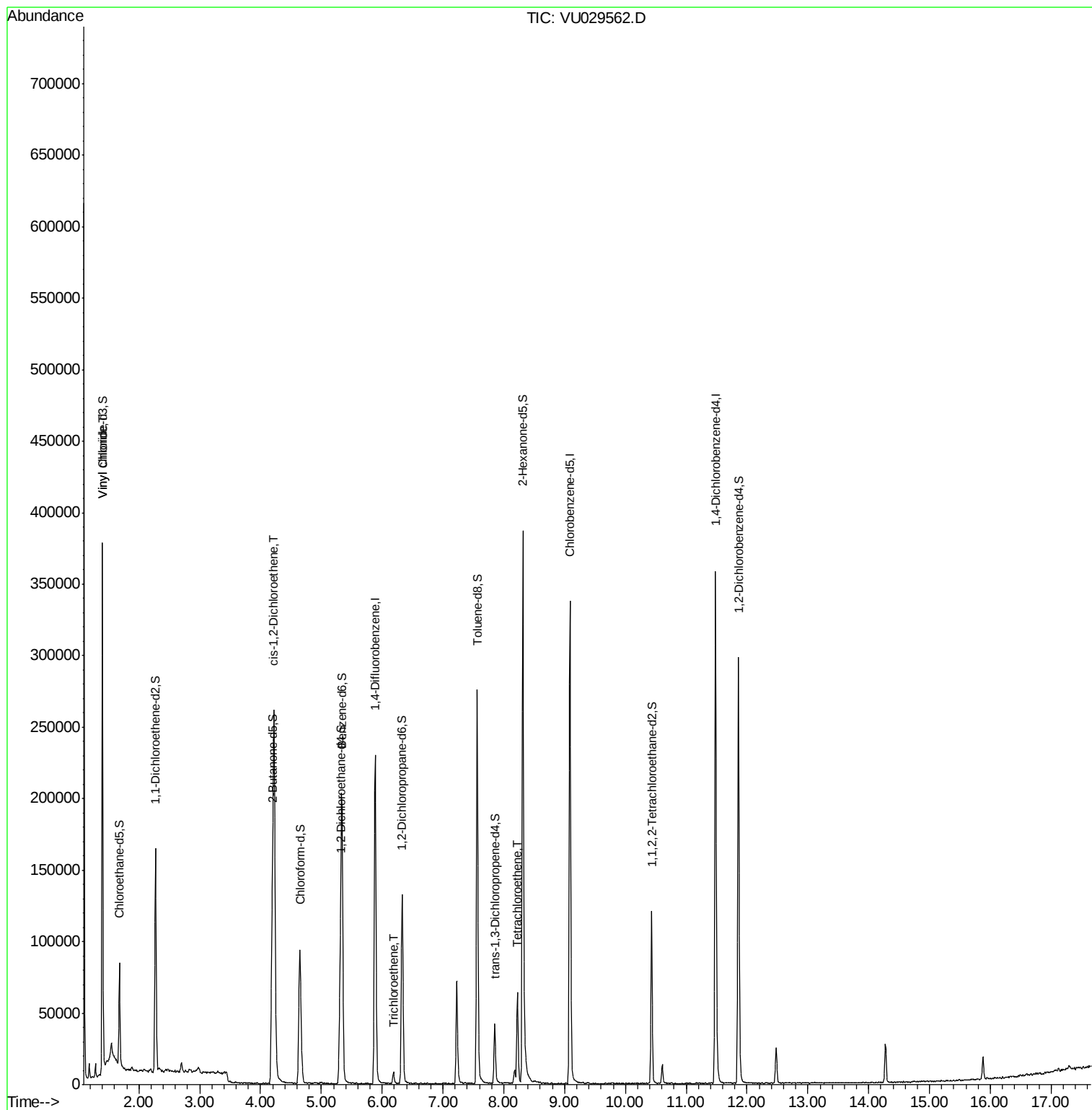
					Ovalue
5) Vinyl chloride	1.40	62	191251	9.530 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	133579	7.941 ug/L	94
34) Trichloroethene	6.19	95	2850	0.171 ug/L	98
47) Tetrachloroethene	8.22	164	15256	1.000 ug/L	94

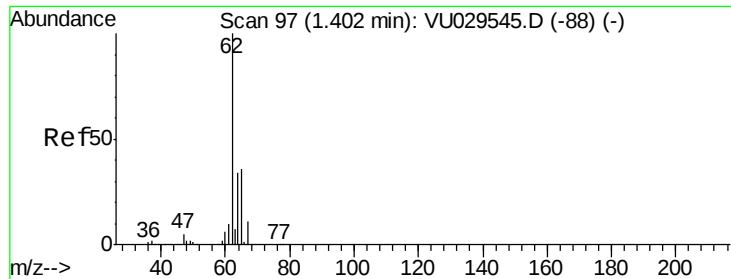
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.530 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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Acq: 19 Feb 2019 18:02

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MSVOA_U

ClientSampleId :

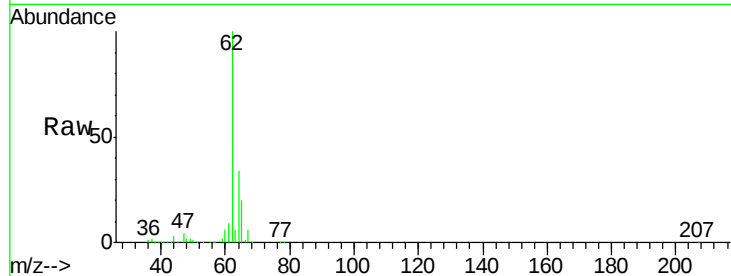
ESXF0DL

Tot Ion: 62 Resp: 191251

Ion Ratio Lower Upper

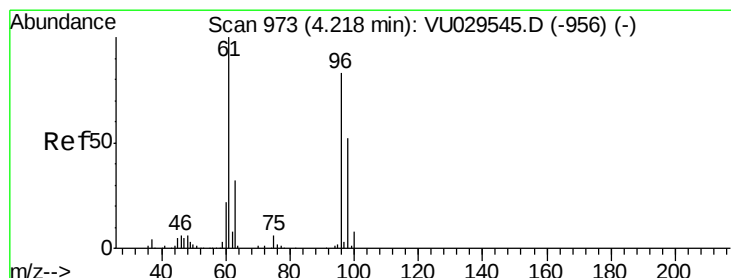
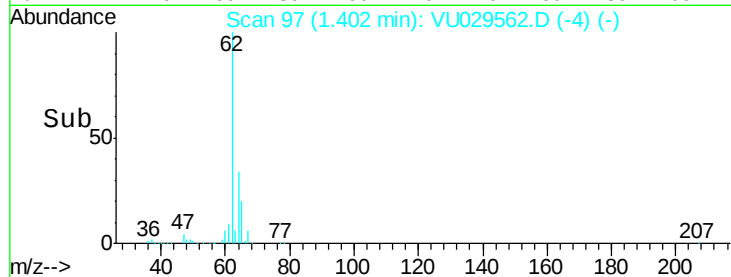
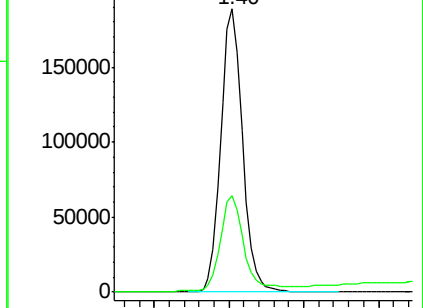
62 100

64 34.0 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 7.941 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029562.D

Acq: 19 Feb 2019 18:02

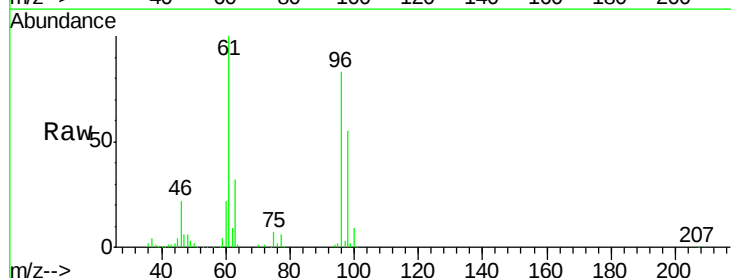
Tgt Ion: 96 Resp: 133579

Ion Ratio Lower Upper

96 100

61 121.1 79.9 148.5

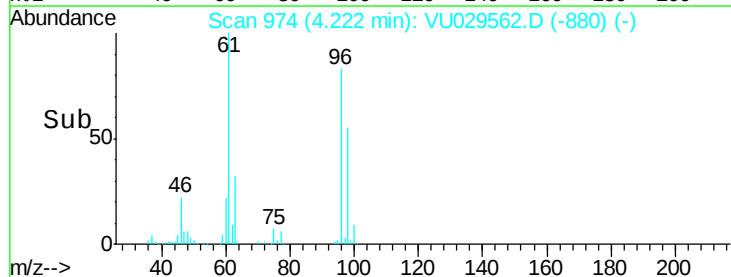
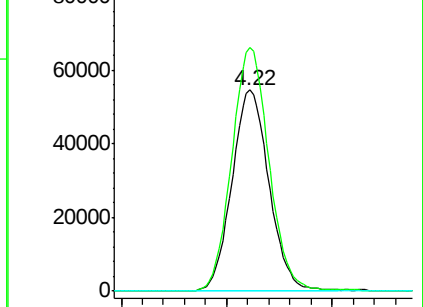
68 0.0 0.0 0.0

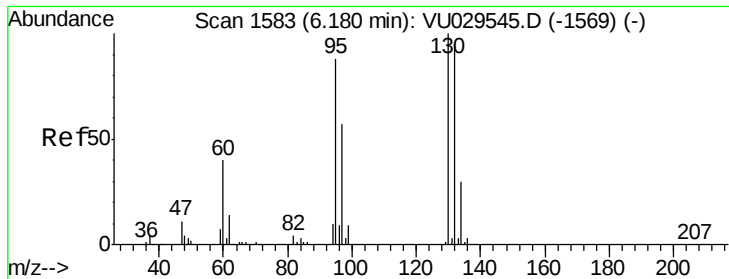


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.171 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU029562.D

Acq: 19 Feb 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

ESXF0DL

Tot Ion: 95 Resp: 2850

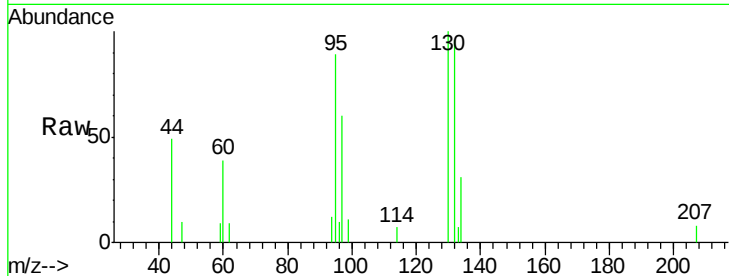
Ion Ratio Lower Upper

95 100

97 67.4 46.3 86.1

132 106.9 72.9 135.3

130 111.8 79.2 147.0

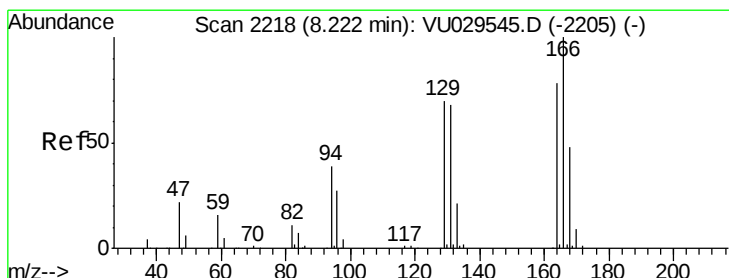
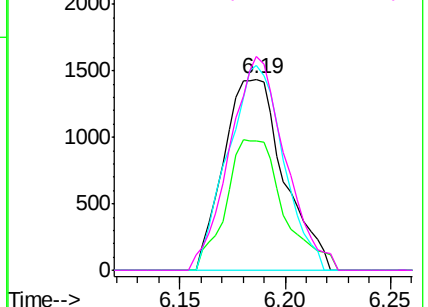
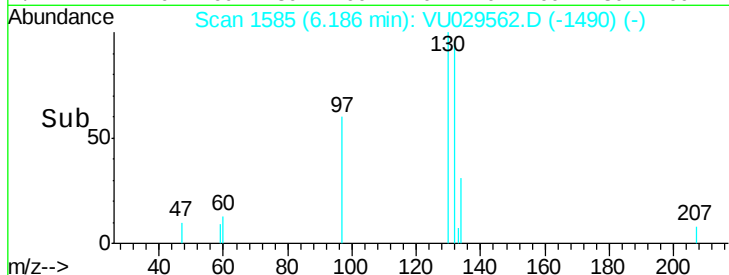


Abundance Ion 95.00 (94.70 to 95.70): VU029545.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU029545.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU029545.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU029545.D (-1569) (-)



#47

Tetrachloroethene

Concen: 1.000 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029562.D

Acq: 19 Feb 2019 18:02

Tgt Ion: 164 Resp: 15256

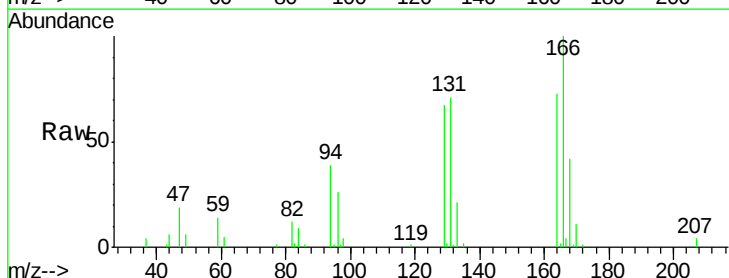
Ion Ratio Lower Upper

164 100

129 91.4 62.9 116.9

131 96.9 62.1 115.3

166 136.3 89.8 166.8



Abundance Ion 163.90 (163.60 to 164.60): VU029545.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU029545.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU029545.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU029545.D (-2205) (-)

