

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
 Data File : VU029473.D
 Acq On : 14 Feb 2019 22:18
 Operator : JC/SP
 Sample : K1438-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD4

Quant Time: Feb 20 04:43:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 01:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190004	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49901	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	47813	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	79118	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.19	46	135128	50.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.65	84	92247	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	48601	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.34	84	189963	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.33	67	58645	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.56	98	176599	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	21984	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.31	63	134447	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52046	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	78714	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

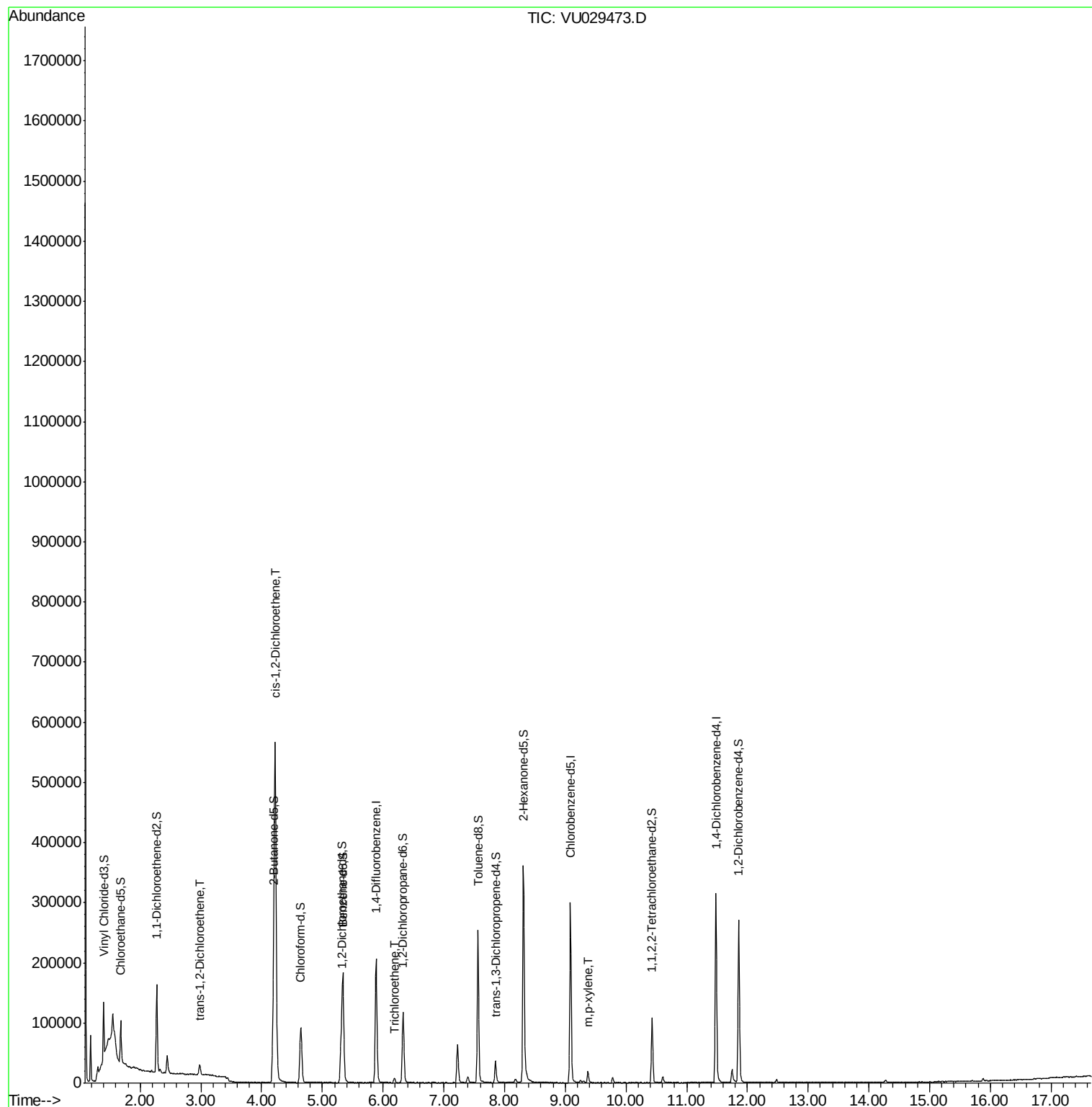
					Ovalue
18) trans-1,2-Dichloroethene	2.98	96	7084	0.425 ug/L	90
22) cis-1,2-Dichloroethene	4.22	96	327659	21.363 ug/L	99
34) Trichloroethene	6.18	95	2980	0.204 ug/L	91
53) m,p-xylene	9.37	106	6293	0.239 ug/L	95

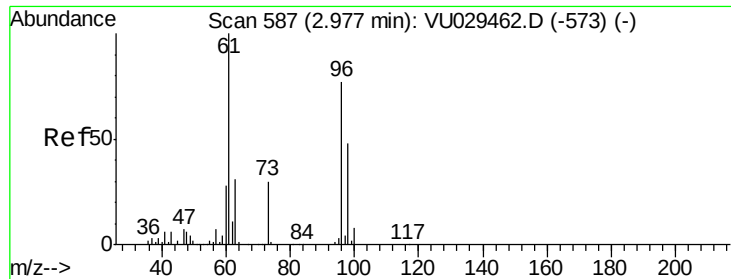
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.425 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029473.D

Acq: 14 Feb 2019 22:18

Instrument :

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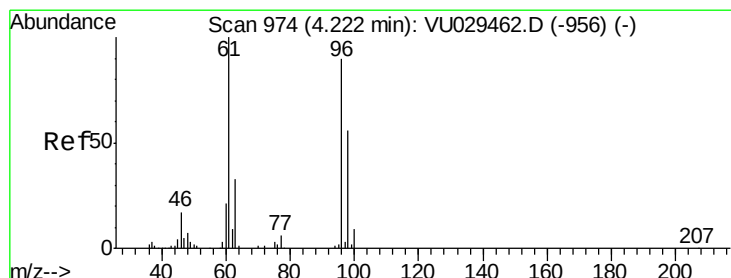
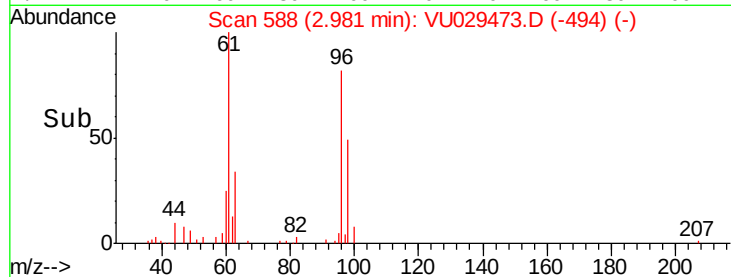
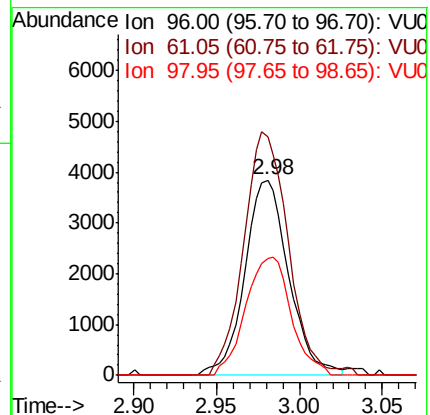
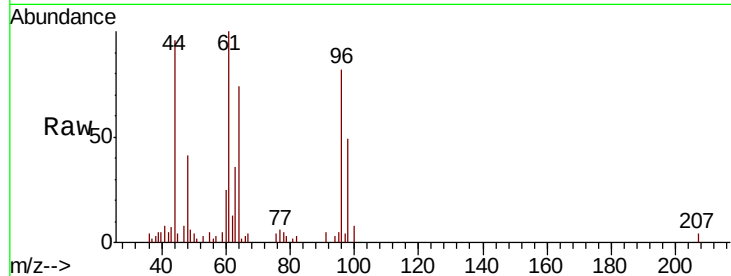
Tot Ion: 96 Resp: 7084

Ion Ratio Lower Upper

96 100

61 122.0 95.4 177.2

98 60.0 45.8 85.2



#22

cis-1,2-Dichloroethene

Concen: 21.363 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029473.D

Acq: 14 Feb 2019 22:18

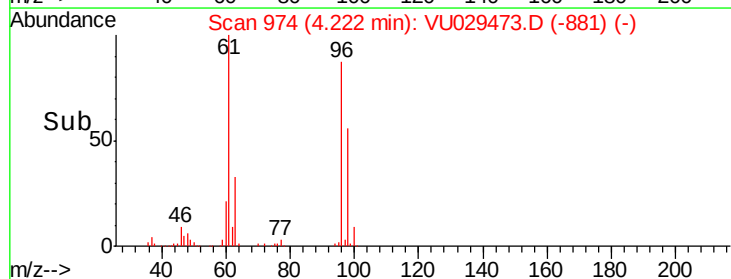
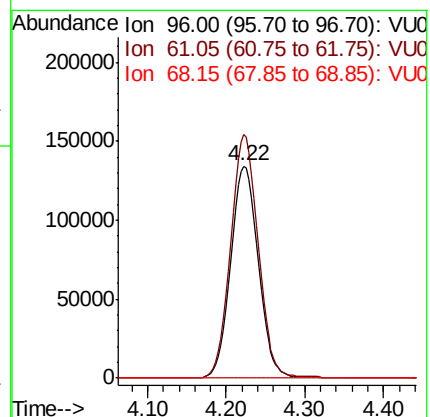
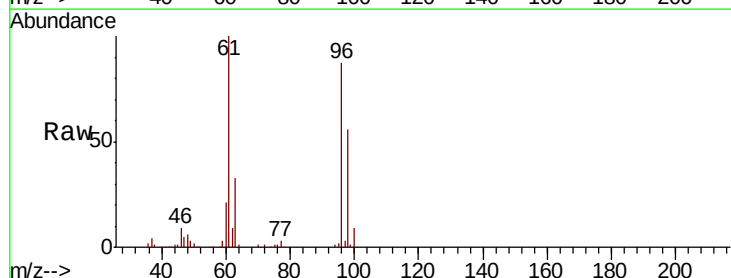
Tgt Ion: 96 Resp: 327659

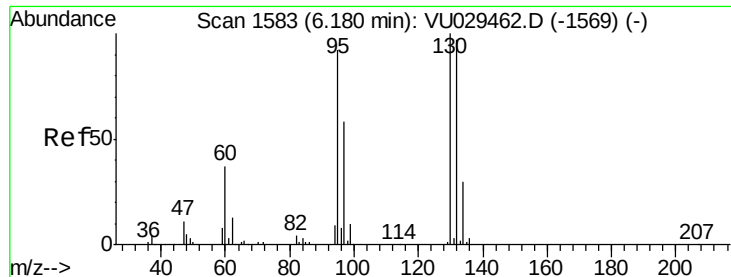
Ion Ratio Lower Upper

96 100

61 114.8 79.9 148.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.204 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029473.D

Acq: 14 Feb 2019 22:18

Instrument :

MSVOA_U

ClientSampleId :

ESXD4

Tot Ion: 95 Resp: 2980

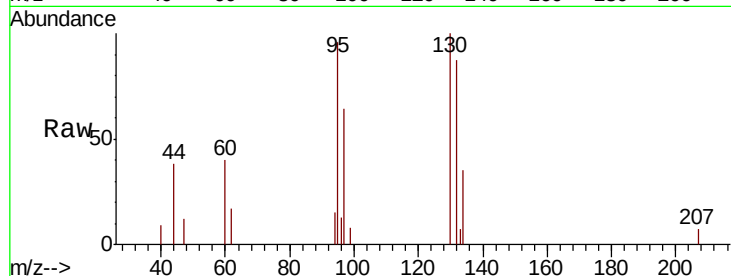
Ion Ratio Lower Upper

95 100

97 66.8 46.3 86.1

132 90.4 72.9 135.3

130 103.9 79.2 147.0

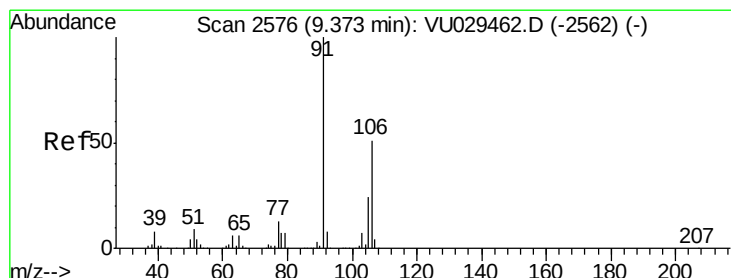
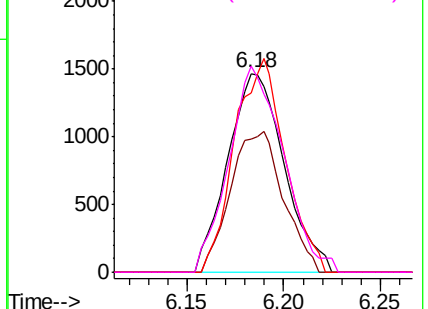
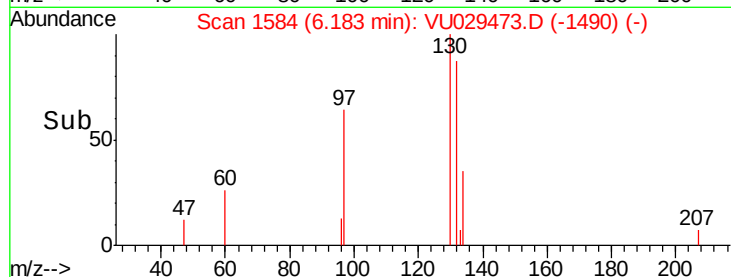


Abundance Ion 95.00 (94.70 to 95.70): VU029473.D (-2483) (-)

Ion 96.95 (96.65 to 97.65): VU029473.D (-2483) (-)

Ion 131.95 (131.65 to 132.65): VU029473.D (-2483) (-)

Ion 129.95 (129.65 to 130.65): VU029473.D (-2483) (-)



#53

m,p-xylene

Concen: 0.239 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU029473.D

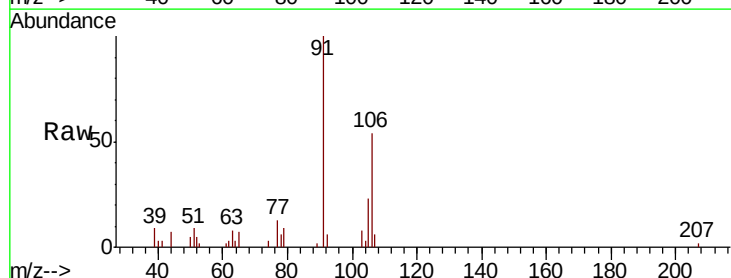
Acq: 14 Feb 2019 22:18

Tgt Ion: 106 Resp: 6293

Ion Ratio Lower Upper

106 100

91 186.7 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029473.D (-2483) (-)

Ion 91.15 (90.85 to 91.85): VU029473.D (-2483) (-)

