

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033293.D
 Acq On : 17 Jul 2019 16:22
 Operator : JC/SP
 Sample : K3772-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N0

Quant Time: Jul 18 09:07:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	121938	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	129668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48949	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.67	69	43715	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.26	63	81172	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.17	46	91738	39.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.28%
24) Chloroform-d	4.62	84	81256	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.29	65	47871	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.32	84	161267	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	54689	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.55	98	136565	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	19202	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.30	63	80538	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	45754	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	54665	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

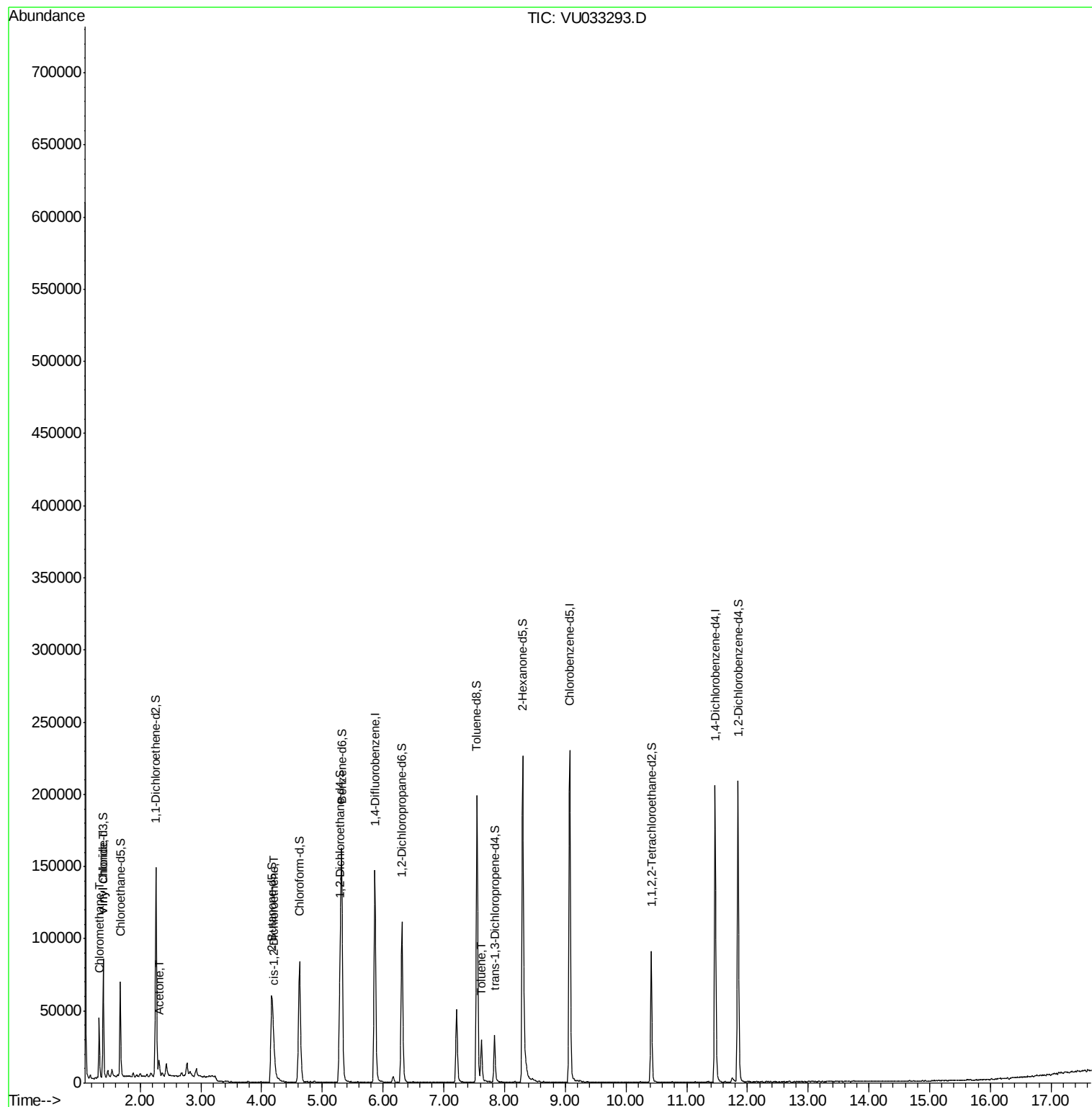
					Ovalue
3) Chloromethane	1.32	50	25222	2.064	ug/L 98
5) Vinyl chloride	1.40	62	4445	0.339	ug/L 83
13) Acetone	2.31	43	10145	5.007	ug/L 95
22) cis-1,2-Dichloroethene	4.21	96	6206	0.664	ug/L 97
42) Toluene	7.62	91	20858	0.529	ug/L 99

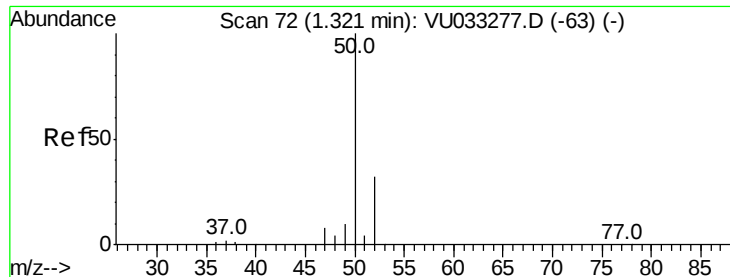
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
Data File : VU033293.D
Acq On : 17 Jul 2019 16:22
Operator : JC/SP
Sample : K3772-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52N0

Quant Time: Jul 18 09:07:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.064 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033293.D

Acq: 17 Jul 2019 16:22

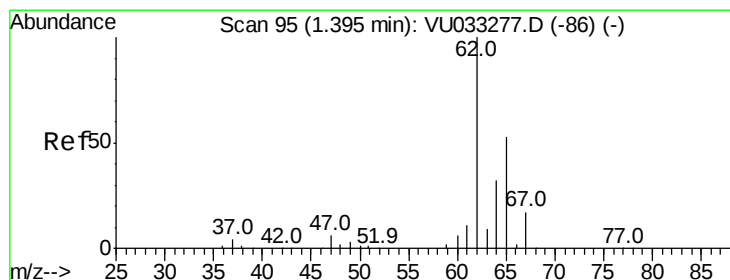
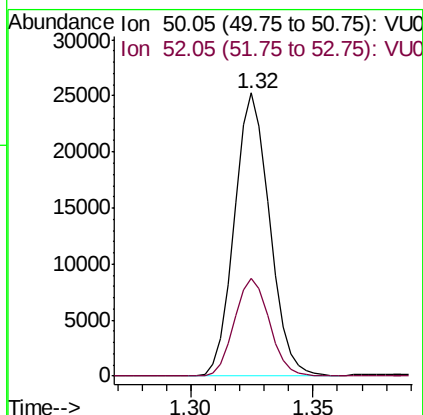
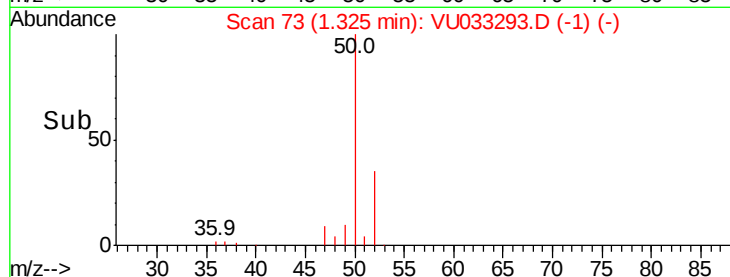
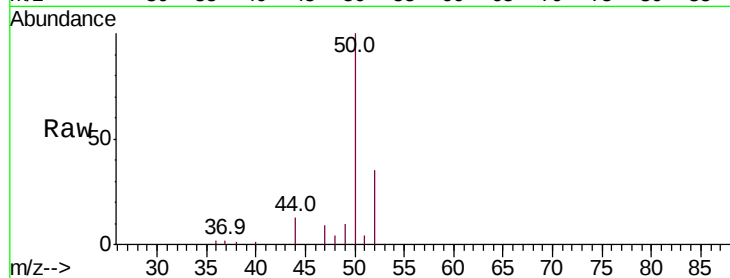
Instrument :
MSVOA_U
ClientSampleId :
A52N0

Tot Ion: 50 Resp: 25222

Ion Ratio Lower Upper

50 100

52 34.6 23.3 43.3



#5

Vinyl chloride

Concen: 0.339 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033293.D

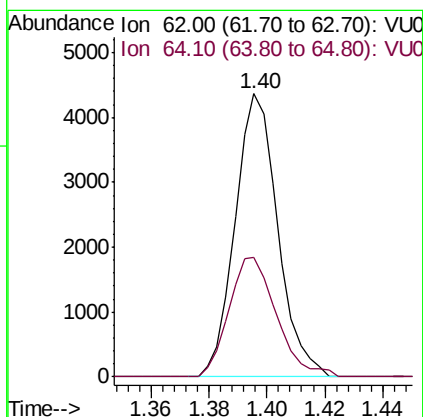
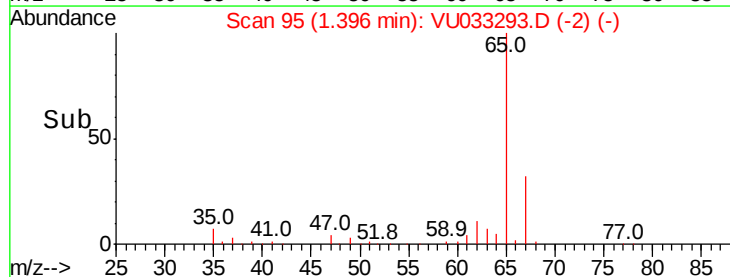
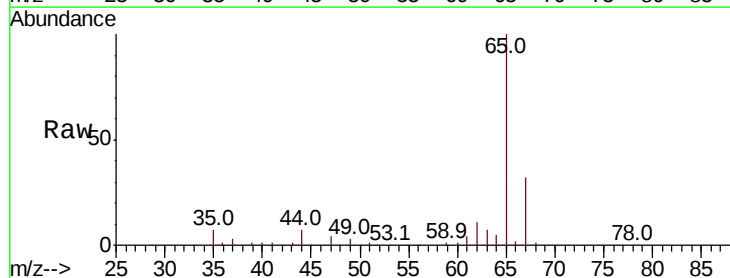
Acq: 17 Jul 2019 16:22

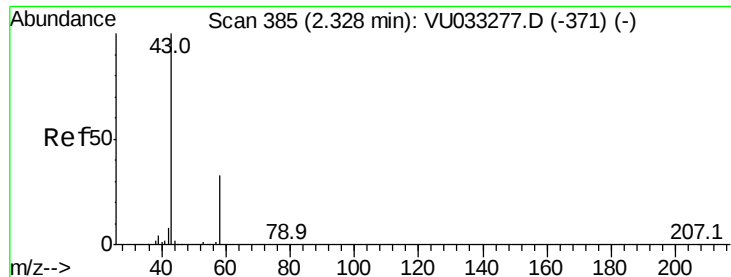
Tgt Ion: 62 Resp: 4445

Ion Ratio Lower Upper

62 100

64 42.3 22.8 42.4





#13

Acetone

Concen: 5.007 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033293.D

Acq: 17 Jul 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

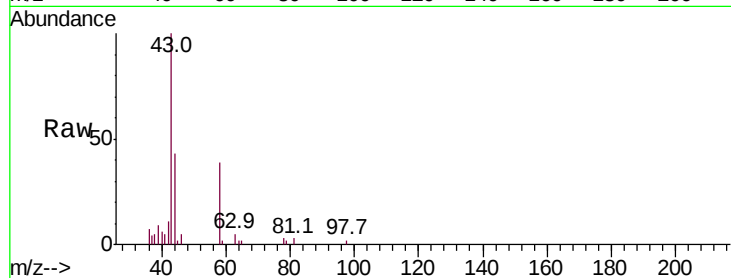
A52N0

Tot Ion: 43 Resp: 10145

Ion Ratio Lower Upper

43 100

58 36.1 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033277.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU033277.D (-371) (-)

2.31

6000

4000

2000

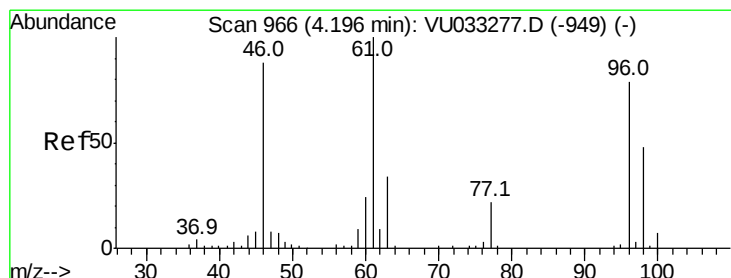
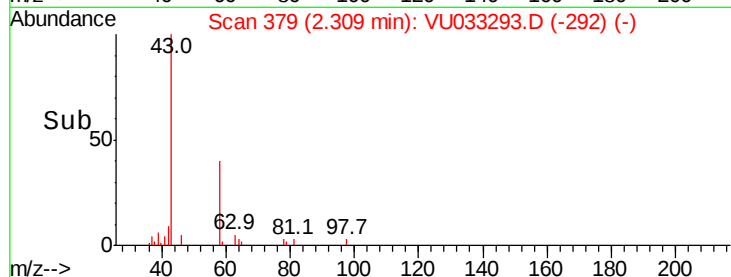
0

Time-->

2.25

2.30

2.35



#22

cis-1,2-Dichloroethene

Concen: 0.664 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU033293.D

Acq: 17 Jul 2019 16:22

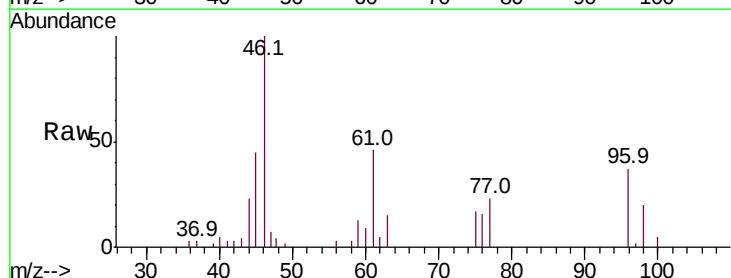
Tgt Ion: 96 Resp: 6206

Ion Ratio Lower Upper

96 100

61 124.5 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033277.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU033277.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU033277.D (-949) (-)

4000

3000

2000

1000

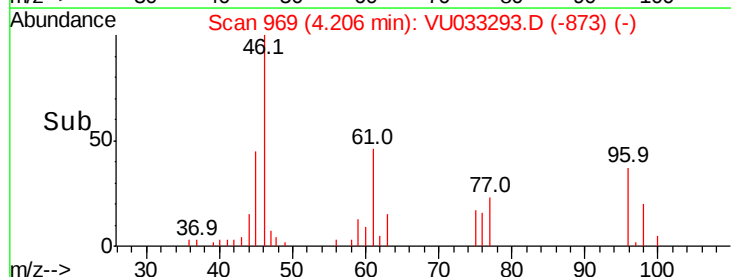
0

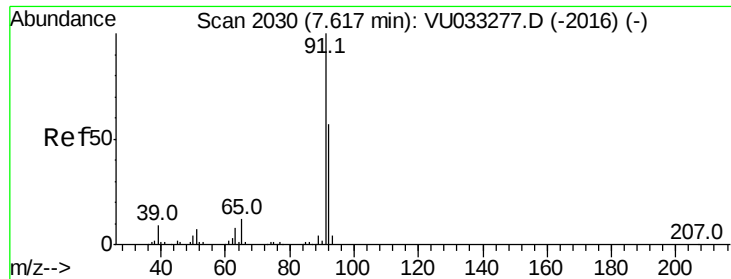
Time-->

4.15

4.20

4.25





#42

Toluene

Concen: 0.529 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033293.D

Acq: 17 Jul 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

A52N0

Tot Ion: 91 Resp: 20858

Ion Ratio Lower Upper

91 100

92 57.6 40.0 74.2

