

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032053.D
 Acq On : 16 May 2019 16:55
 Operator : JC/SP
 Sample : K2739-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB885

Quant Time: May 17 07:52:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388571	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79226	2.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.00%
7) Chloroethane-d5	1.67	69	83895	3.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.80%#
11) 1,1-Dichloroethene-d2	2.27	63	117637	2.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.60%#
20) 2-Butanone-d5	4.19	46	300729	47.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	4.64	84	207482	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.31	65	112681	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	5.33	84	395187	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.60%#
36) 1,2-Dichloropropane-d6	6.33	67	131466	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.80%
41) Toluene-d8	7.56	98	312335	2.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.80%#
43) trans-1,3-Dichloropropene-	7.85	79	40046	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.31	63	240713	42.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123768	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	129463	3.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

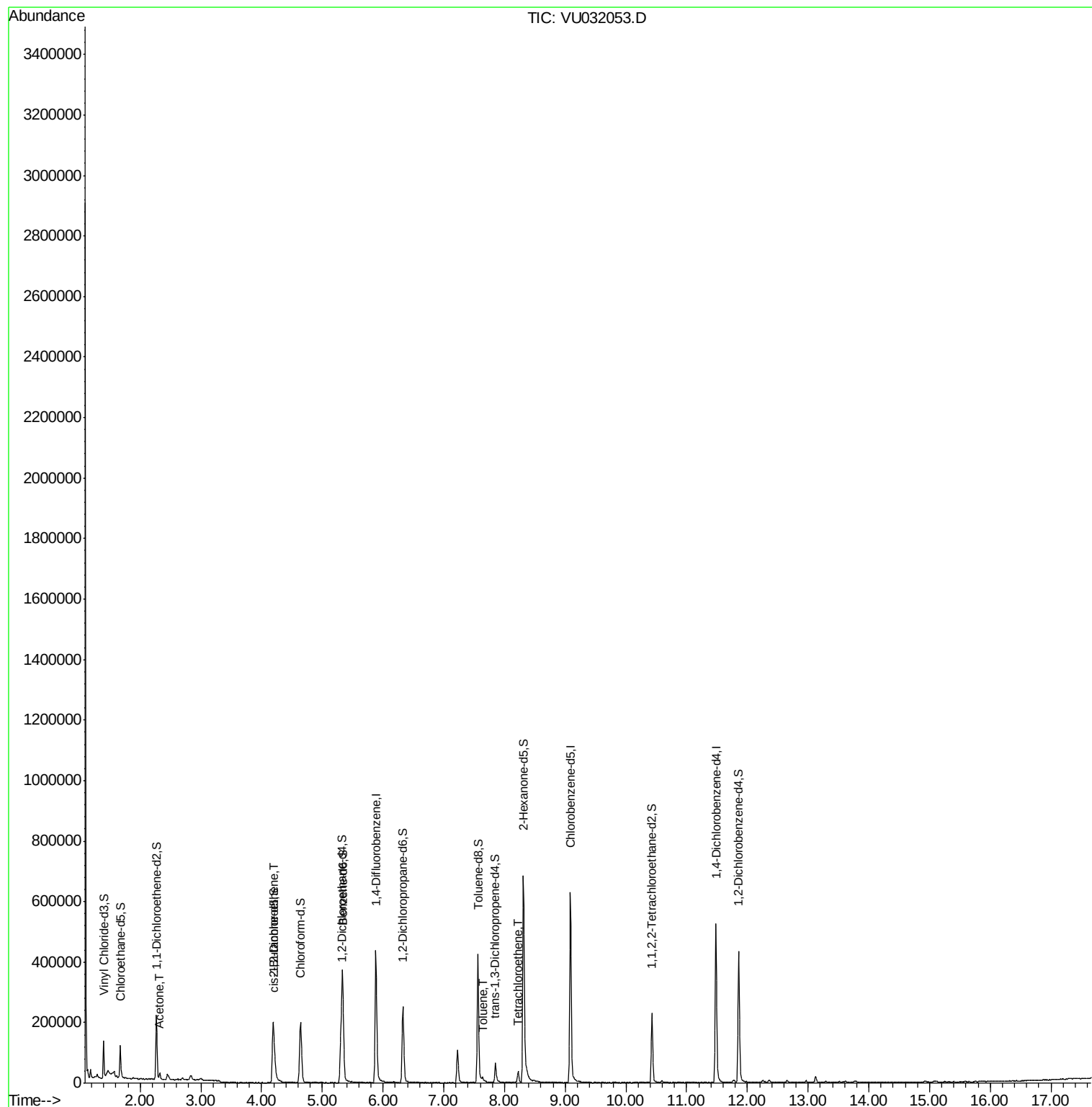
					Ovalue
13) Acetone	2.32	43	17910	8.599 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	9384	0.578 ug/L	99
42) Toluene	7.64	91	10030	0.161 ug/L	89
47) Tetrachloroethene	8.22	164	9722	0.804 ug/L	84

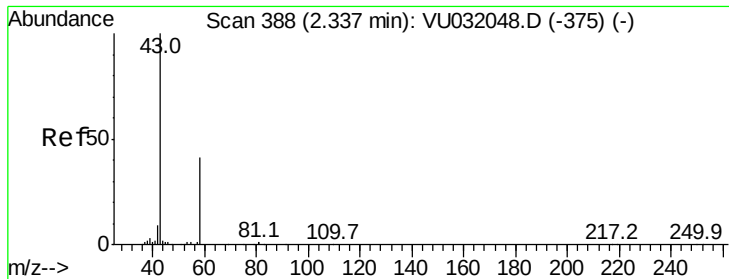
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.599 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

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Acq: 16 May 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

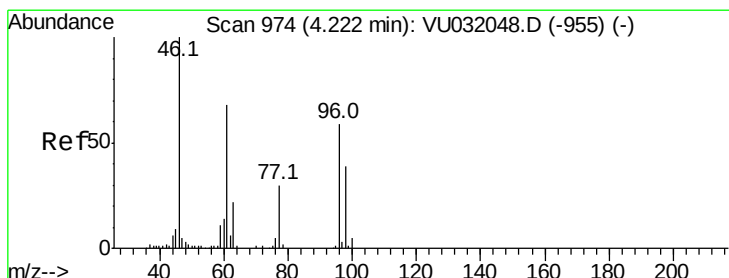
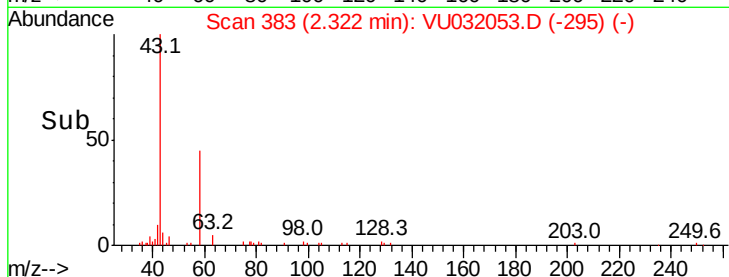
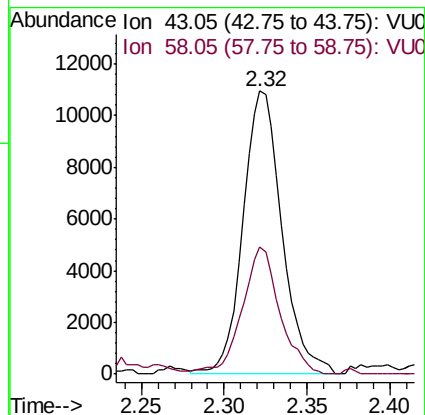
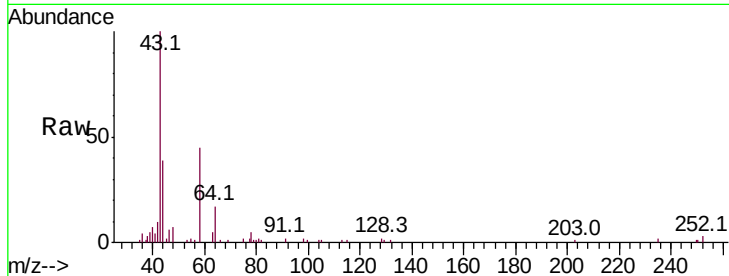
DB885

Tot Ion: 43 Resp: 17910

Ion Ratio Lower Upper

43 100

58 43.3 0.0 78.8



#22

cis-1,2-Dichloroethene

Concen: 0.578 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.01 min

Lab File: VU032053.D

Acq: 16 May 2019 16:55

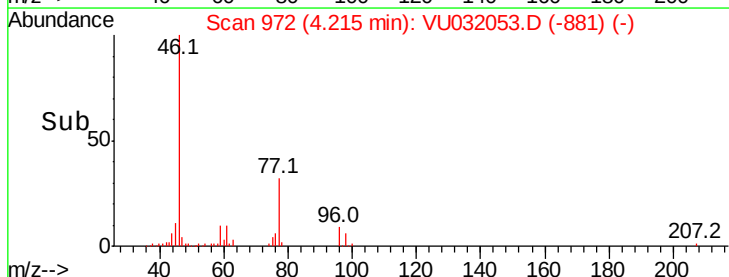
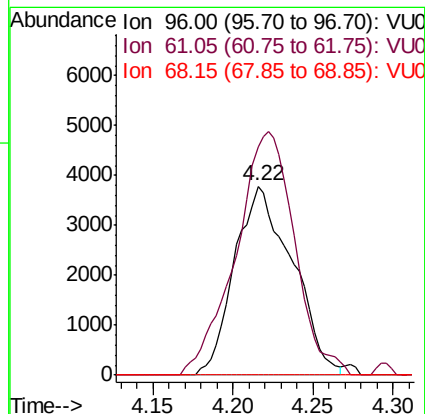
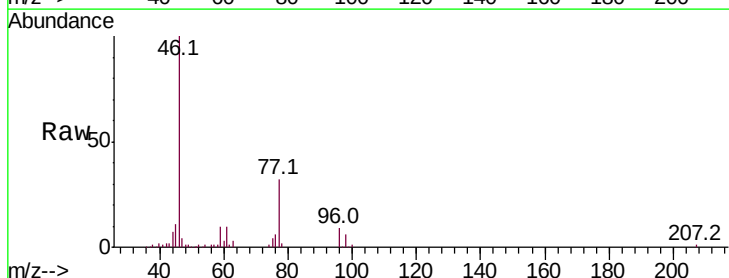
Tgt Ion: 96 Resp: 9384

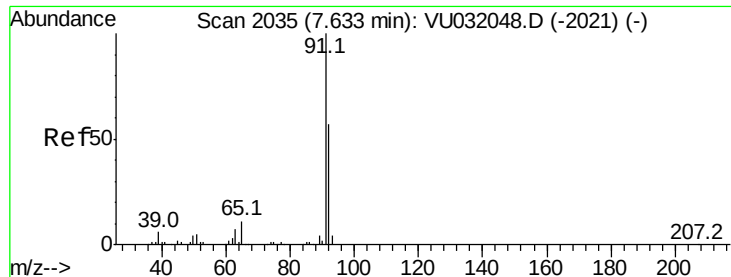
Ion Ratio Lower Upper

96 100

61 121.2 85.8 159.4

68 0.0 0.0 0.0





#42

Toluene

Concen: 0.161 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032053.D

Acq: 16 May 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

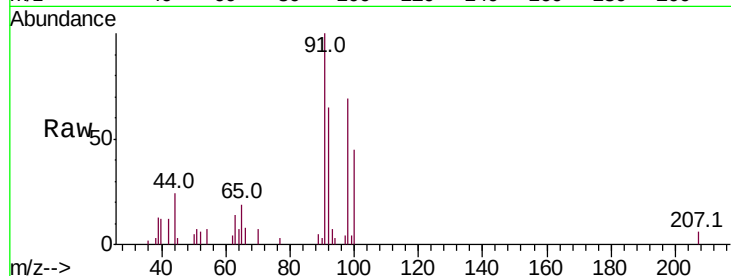
DB885

Tot Ion: 91 Resp: 10030

Ion Ratio Lower Upper

91 100

92 65.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU032048.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032048.D (-2021) (-)

7.64

4000

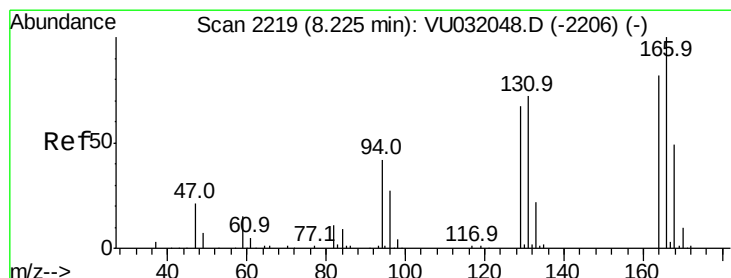
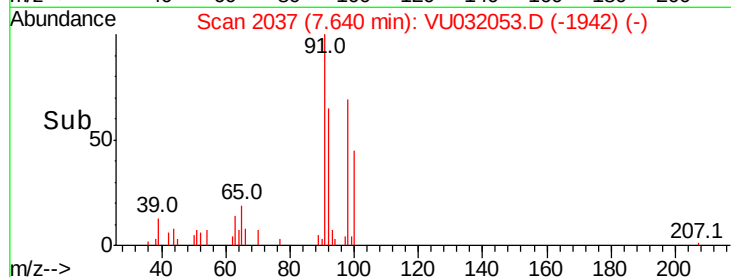
3000

2000

1000

0

Time--> 7.55 7.60 7.65 7.70



#47

Tetrachloroethene

Concen: 0.804 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032053.D

Acq: 16 May 2019 16:55

Tgt Ion: 164 Resp: 9722

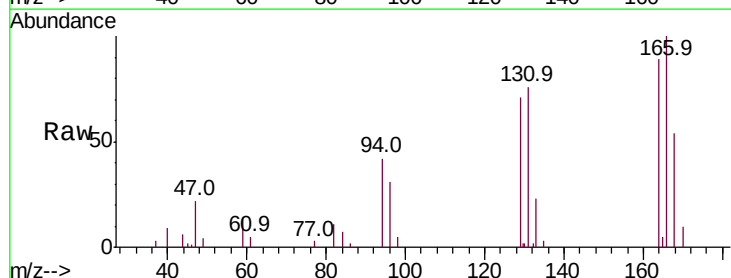
Ion Ratio Lower Upper

164 100

129 79.2 70.3 130.5

131 85.1 64.5 119.9

166 111.9 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032048.D (-2206) (-)

Ion 128.95 (128.65 to 129.65): VU032048.D (-2206) (-)

Ion 130.95 (130.65 to 131.65): VU032048.D (-2206) (-)

Ion 165.90 (165.60 to 166.60): VU032048.D (-2206) (-)

10000

8000

6000

4000

2000

0

Time--> 8.15 8.20 8.25 8.30

