

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032360.D
 Acq On : 29 May 2019 15:40
 Operator : JC/SP
 Sample : K3045-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C56

Quant Time: May 30 08:40:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	386771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112247	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	102961	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.27	63	165236	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.19	46	282809	46.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	4.64	84	226637	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	113383	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
32) Benzene-d6	5.33	84	475411	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	139155	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.56	98	412251	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.85	79	48443	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.31	63	211668	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115502	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	171817	3.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.20%#

Target Compounds

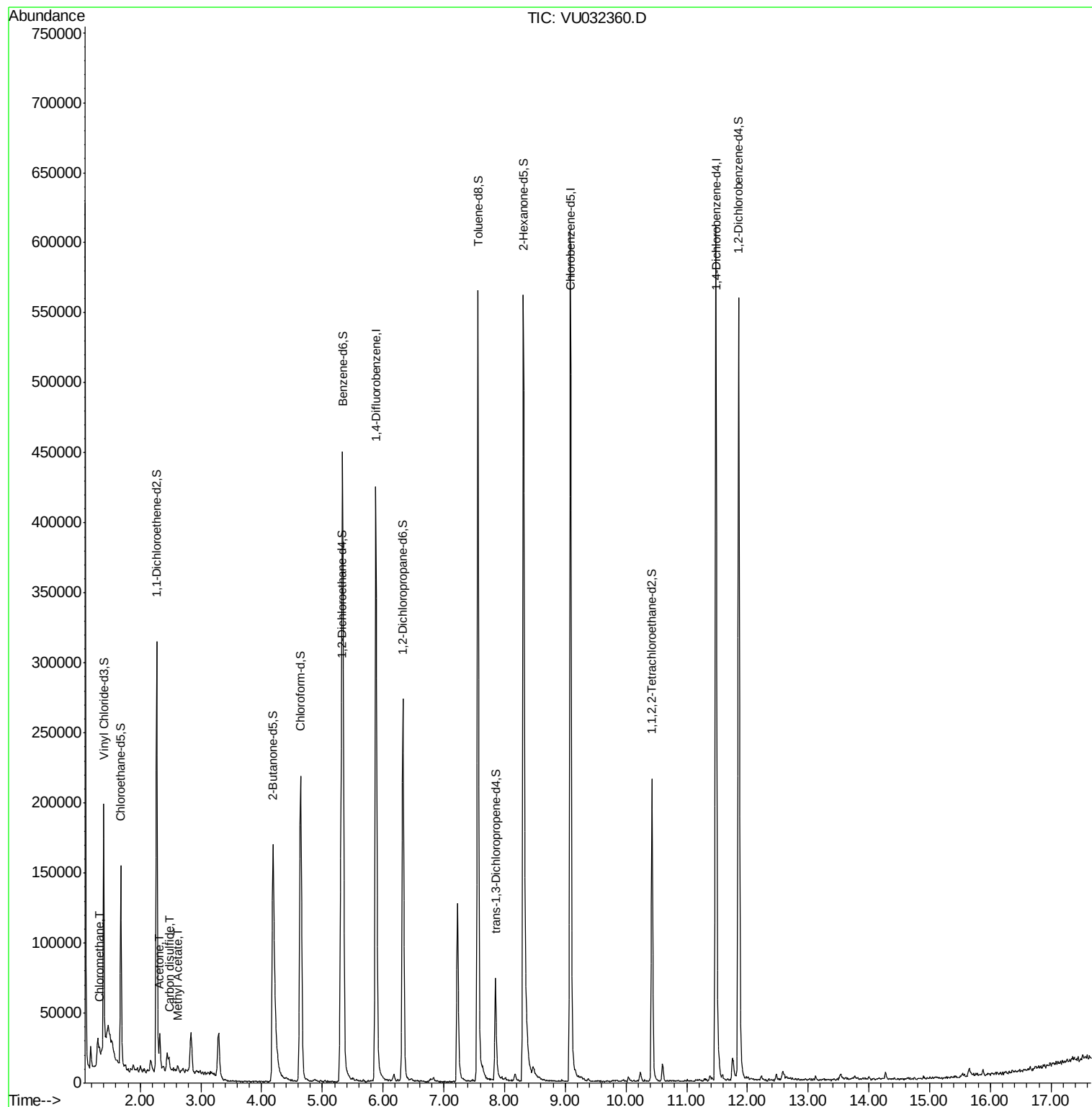
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	5146	0.310	ug/L	88
13) Acetone	2.32	43	24451	12.881	ug/L	100
14) Carbon disulfide	2.48	76	8922	0.209	ug/L #	87
15) Methyl Acetate	2.62	43	4659	0.836	ug/L #	56

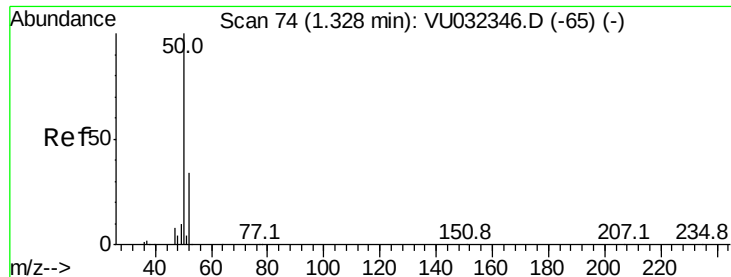
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.310 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

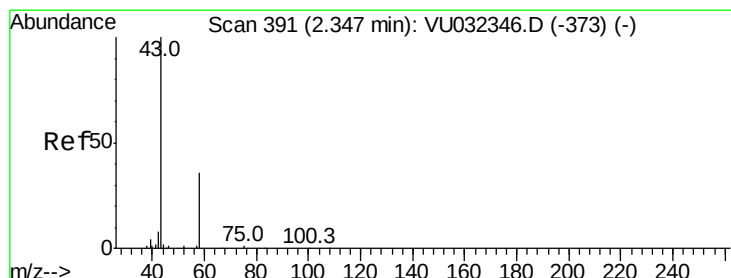
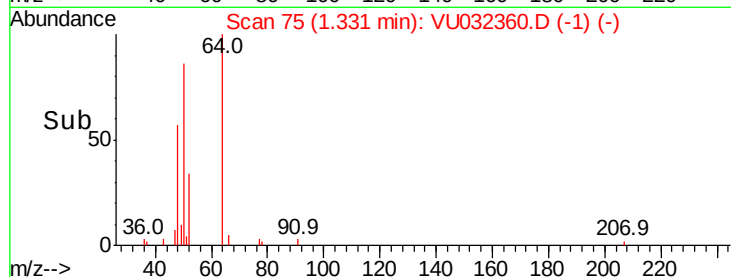
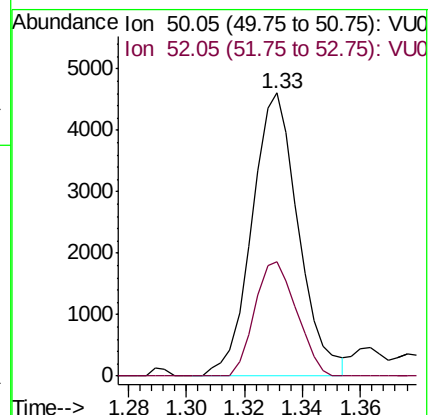
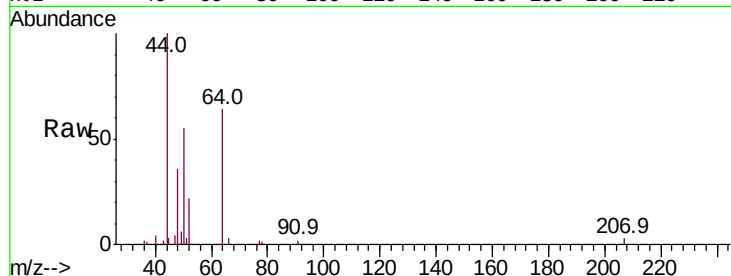
C0C56

Tot Ion: 50 Resp: 5146

Ion Ratio Lower Upper

50 100

52 40.2 23.3 43.3



#13

Acetone

Concen: 12.881 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032360.D

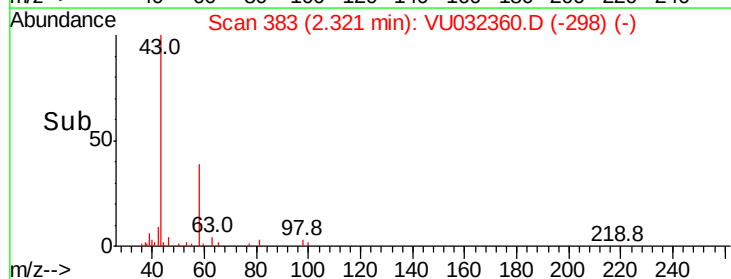
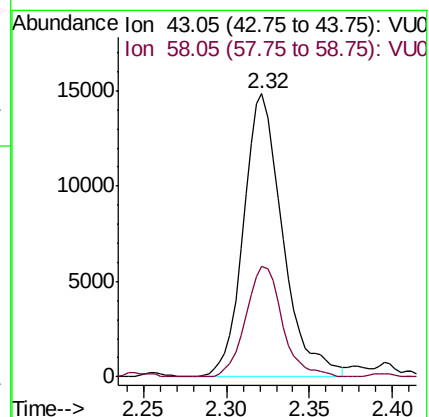
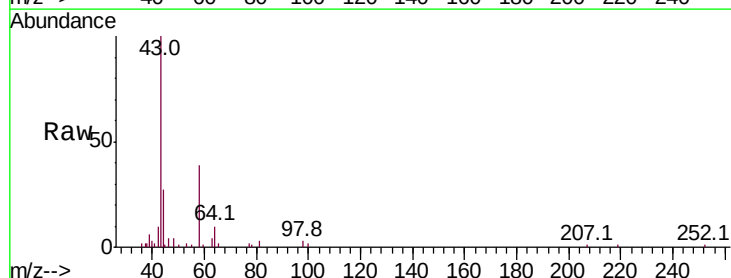
Acq: 29 May 2019 15:40

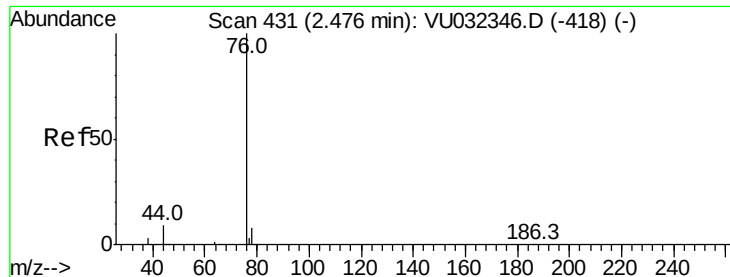
Tgt Ion: 43 Resp: 24451

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.6





#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

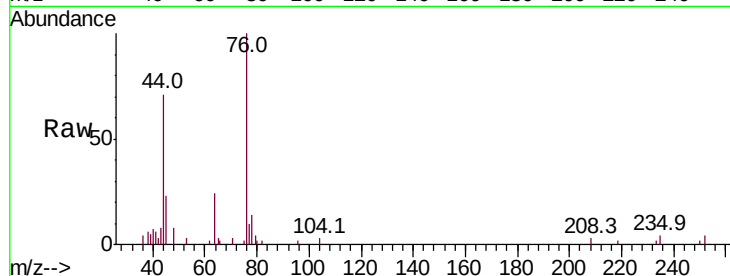
C0C56

Tot Ion: 76 Resp: 8922

Ion Ratio Lower Upper

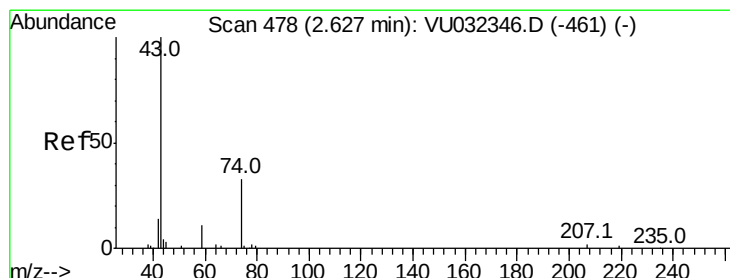
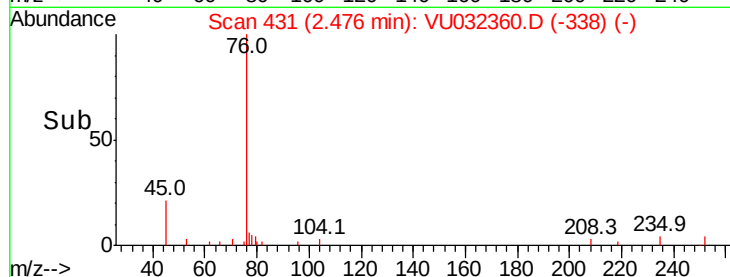
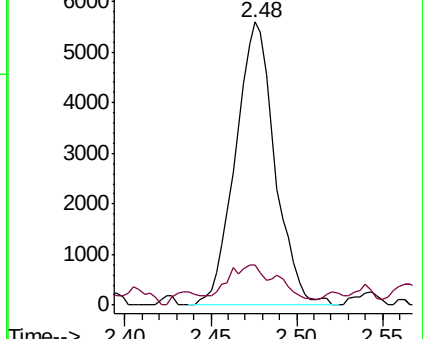
76 100

78 14.2 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU032346.D (-418) (-)

Ion 78.00 (77.70 to 78.70): VU032346.D (-418) (-)



#15

Methyl Acetate

Concen: 0.836 ug/L

RT: 2.62 min Scan# 475

Delta R.T. -0.01 min

Lab File: VU032360.D

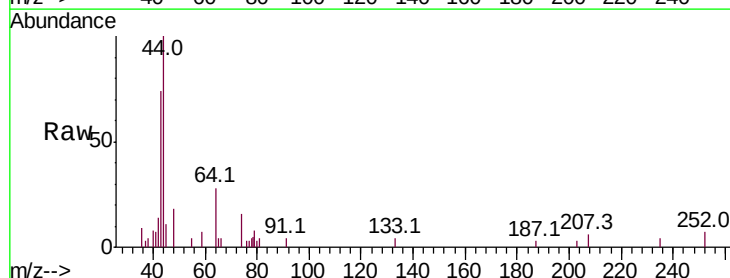
Acq: 29 May 2019 15:40

Tgt Ion: 43 Resp: 4659

Ion Ratio Lower Upper

43 100

74 8.7 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-461) (-)

Ion 74.05 (73.75 to 74.75): VU032346.D (-461) (-)

