

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032758.D
 Acq On : 15 Jun 2019 06:50
 Operator : JC/SP
 Sample : K3385-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM90

Quant Time: Jun 17 15:20:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 17 01:26:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97974	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25732	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.67	69	23593	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	41217	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.18	46	102428	57.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	4.64	84	57667	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.30	65	34175	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.33	84	109012	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.32	67	36475	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	96016	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	12846	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.31	63	78155	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32631	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	40152	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

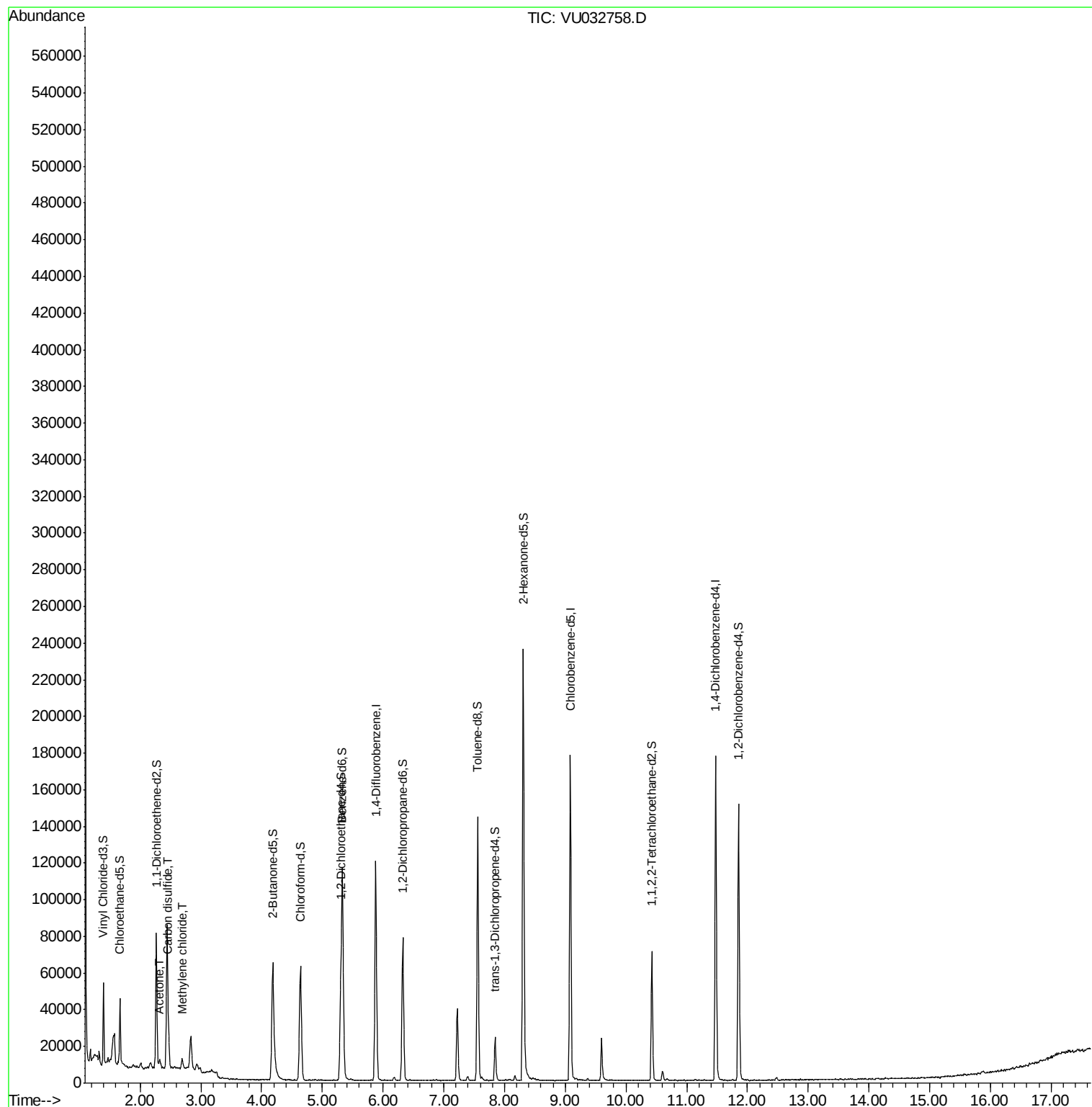
Target Compounds					Ovalue
13) Acetone	2.32	43	4288	3.108 ug/L	95
14) Carbon disulfide	2.47	76	15783	0.792 ug/L #	93
16) Methylene chloride	2.69	84	2002	0.290 ug/L	91

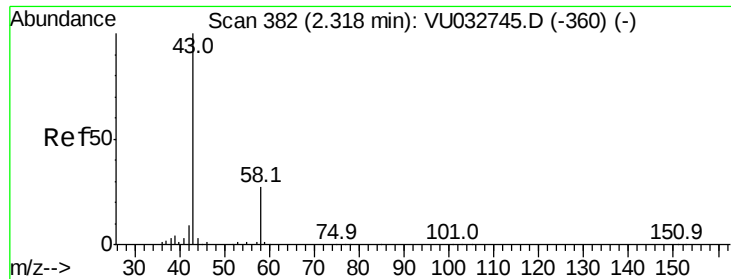
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

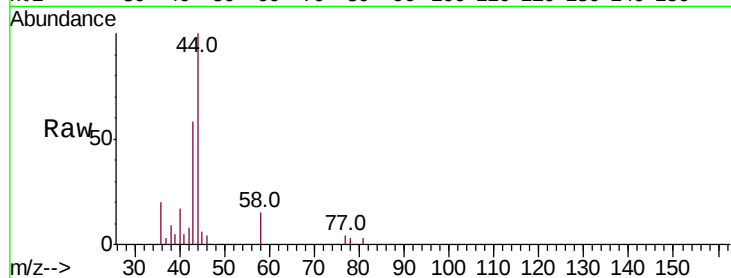
COM90

Tot Ion: 43 Resp: 4288

Ion Ratio Lower Upper

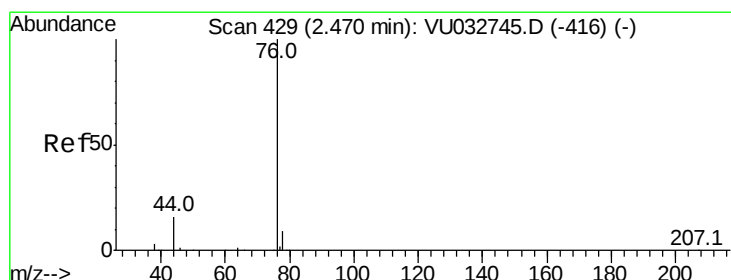
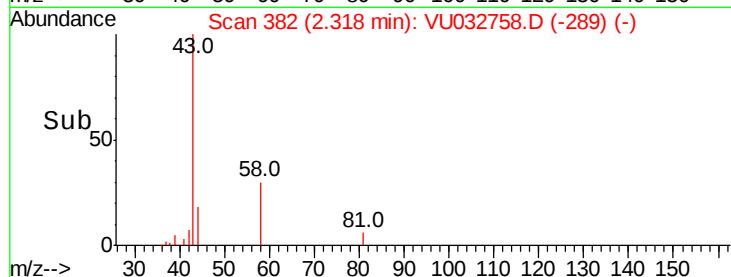
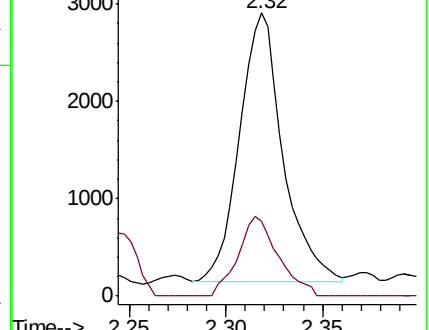
43 100

58 27.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032745.D (-360) (-)



#14

Carbon disulfide

Concen: 0.792 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032758.D

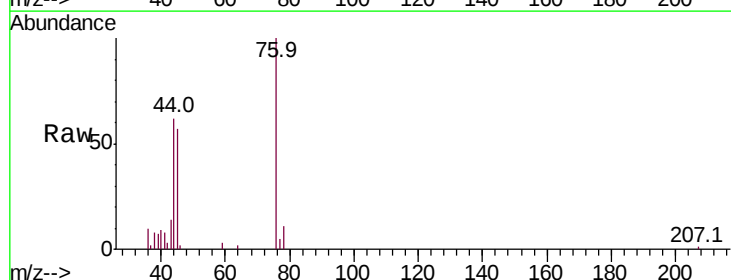
Acq: 15 Jun 2019 06:50

Tgt Ion: 76 Resp: 15783

Ion Ratio Lower Upper

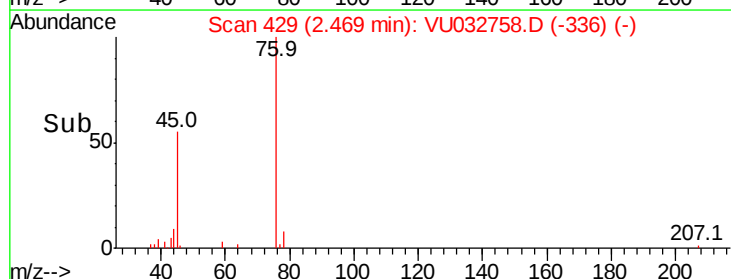
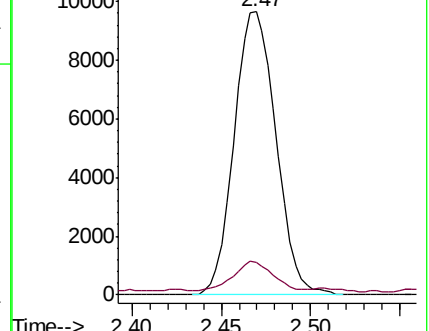
76 100

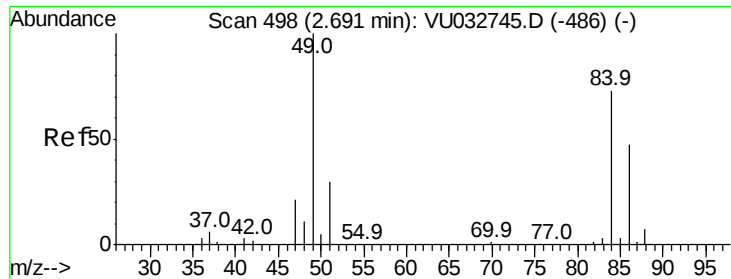
78 11.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032745.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU032745.D (-416) (-)





#16
 Methvlene chloride
 Concen: 0.290 ug/L
 RT: 2.69 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU032758.D
 Acq: 15 Jun 2019 06:50

Instrument :
 MSVOA_U
 ClientSampleId :
 COM90

Tot Ion: 84 Resp: 2002
 Ion Ratio Lower Upper
 84 100
 86 63.3 47.2 87.6
 49 150.3 95.9 178.1

