

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037913.D
 Acq On : 29 Apr 2020 15:51
 Operator : JC/MD
 Sample : PB128479TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB128479TB

Quant Time: Apr 30 03:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	697563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	687026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	317627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	204657	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.16%
7) Chloroethane-d5	1.93	69	193174	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.78%
11) 1,1-Dichloroethene-d2	2.59	63	281128	28.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.00%#
21) 2-Butanone-d5	4.66	46	440336	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	5.10	84	392953	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
26) 1,2-Dichloroethane-d4	5.74	65	284742	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
32) Benzene-d6	5.76	84	836363	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
36) 1,2-Dichloropropane-d6	6.72	67	289300	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.04%
41) Toluene-d8	7.92	98	756940	42.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.78%
43) trans-1,3-Dichloropropene-	8.20	79	137981	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
47) 2-Hexanone-d5	8.65	63	367401	103.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	424687	46.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.94%
64) 1,2-Dichlorobenzene-d4	12.20	152	280981	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%

Target Compounds

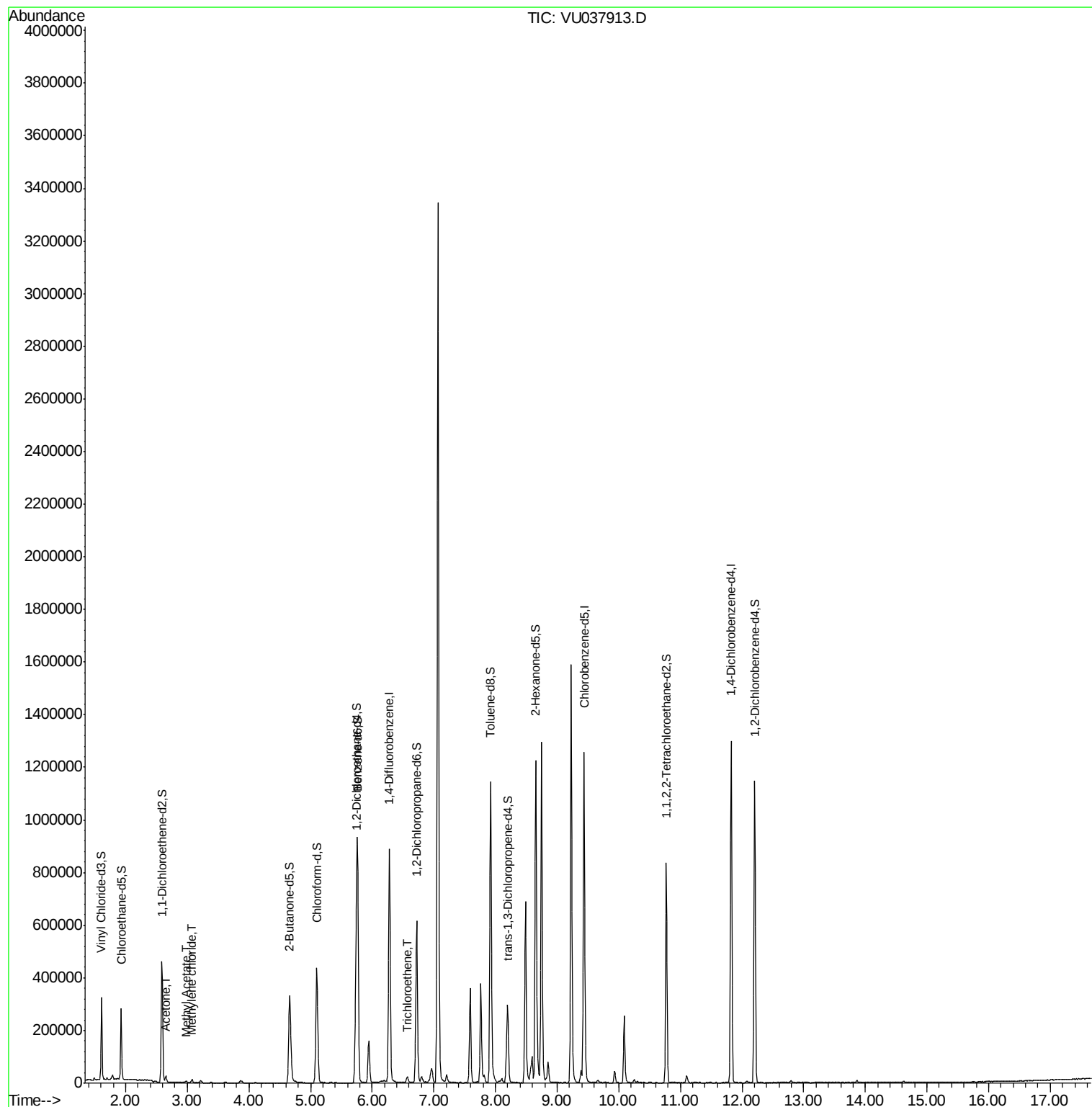
					Ovalue
13) Acetone	2.65	43	27013	9.375 ug/L	99
15) Methyl Acetate	2.98	43	7070	1.015 ug/L	98
16) Methylene chloride	3.08	84	5225	1.038 ug/L	91
34) Trichloroethene	6.57	95	5629	1.101 ug/L	94

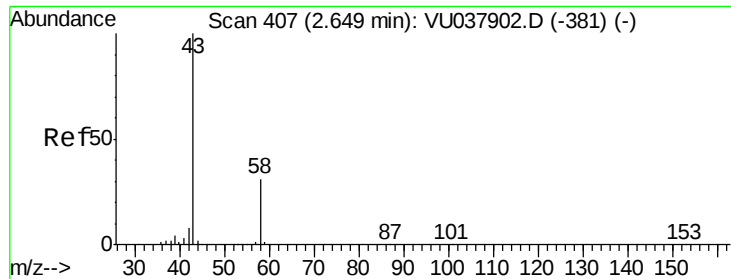
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.375 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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Acq: 29 Apr 2020 15:51

Instrument :

MSVOA_U

ClientSampleId :

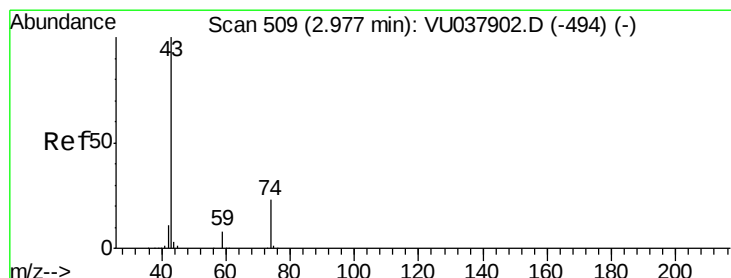
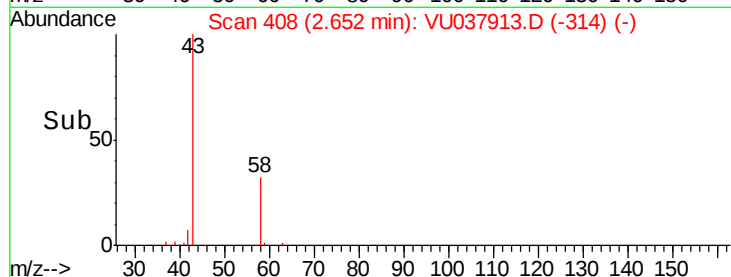
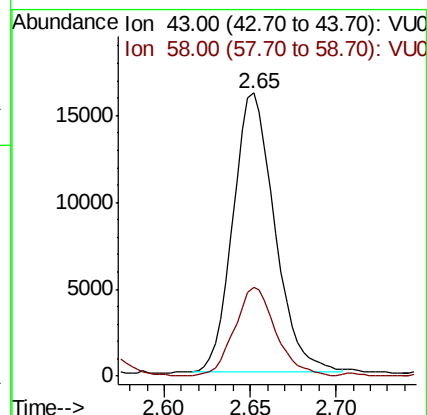
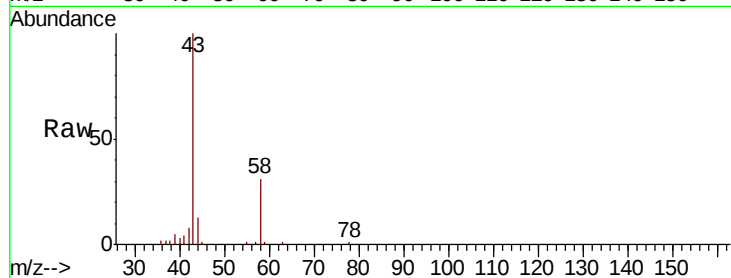
PB128479TB

Tot Ion: 43 Resp: 27013

Ion Ratio Lower Upper

43 100

58 31.5 0.0 62.0



#15

Methyl Acetate

Concen: 1.015 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.01 min

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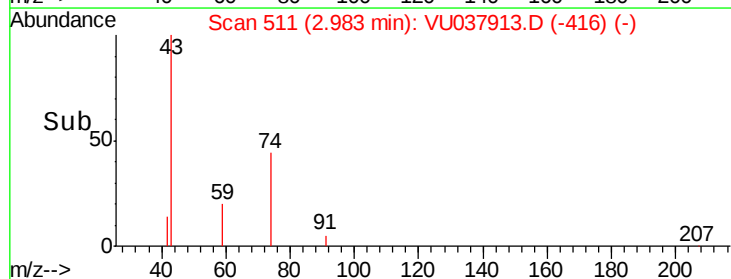
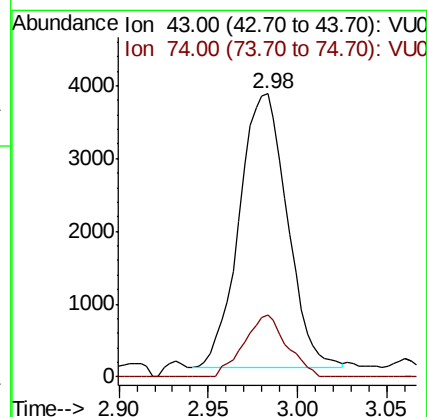
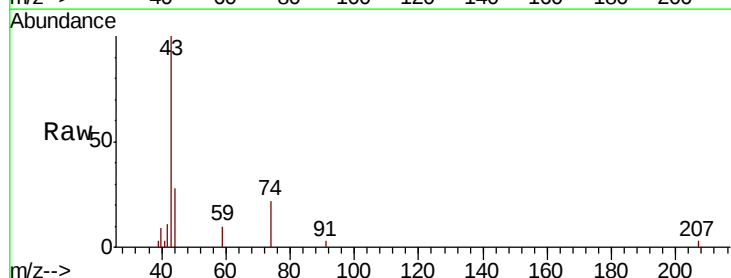
Acq: 29 Apr 2020 15:51

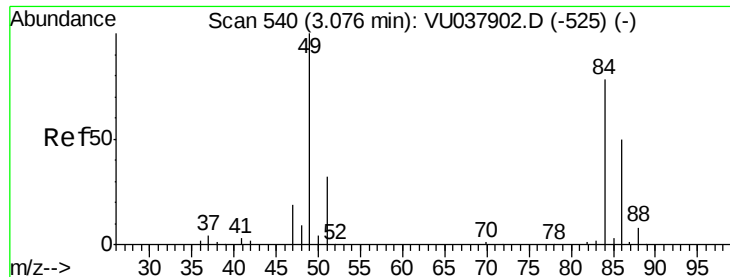
Tgt Ion: 43 Resp: 7070

Ion Ratio Lower Upper

43 100

74 20.1 17.0 25.4

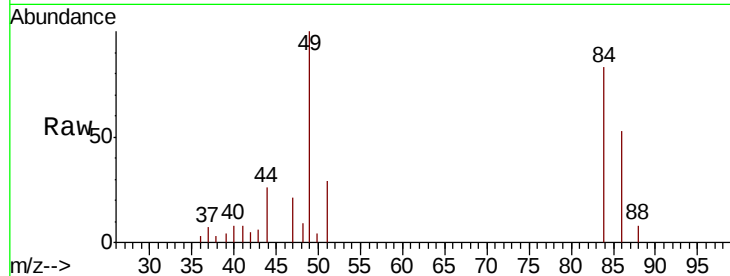




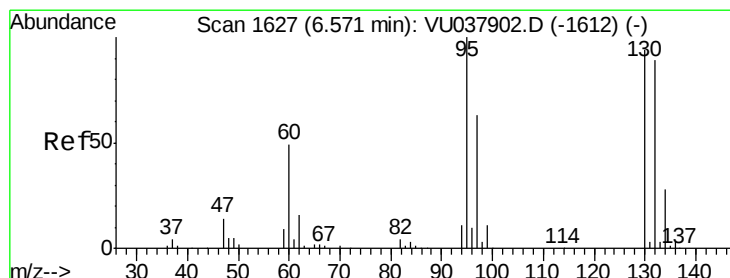
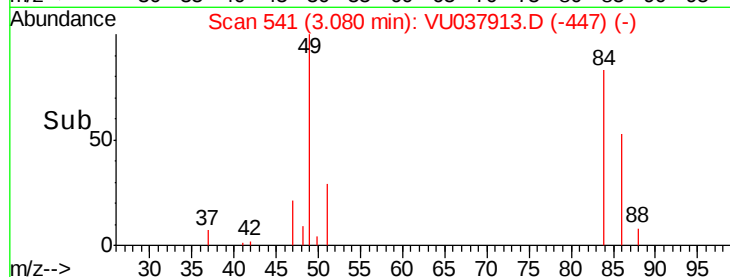
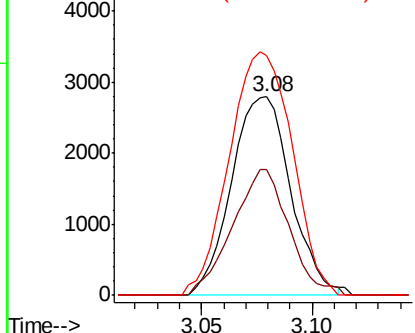
#16
Methvlene chloride
Concen: 1.038 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampleId :
PB128479TB

Tot Ion: 84 Resp: 5225
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.7
49 120.6 95.1 176.7

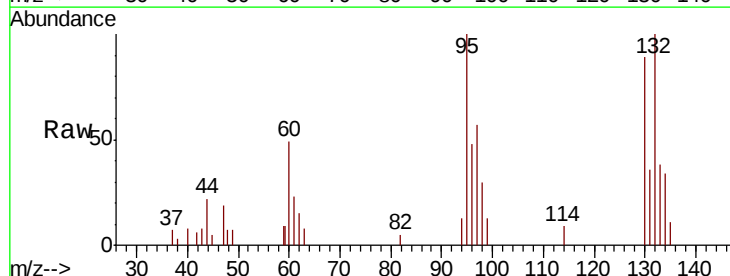


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0



#34
Trichloroethene
Concen: 1.101 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037913.D
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Tgt Ion: 95 Resp: 5629
Ion Ratio Lower Upper
95 100
97 57.3 44.4 82.5
132 99.8 65.0 120.6
130 89.4 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

