

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034385.D
 Acq On : 07 Sep 2019 17:02
 Operator : JC/SP
 Sample : K4724-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDA9

Quant Time: Sep 09 05:35:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 14:18:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	307693	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	169354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76643	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.68	69	70761	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.26	63	116568	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.17	46	218932	45.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.46%
24) Chloroform-d	4.63	84	162712	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.29	65	80154	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.32	84	351450	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	113739	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.55	98	311916	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.83	79	37788	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.30	63	170090	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	85499	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	140922	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

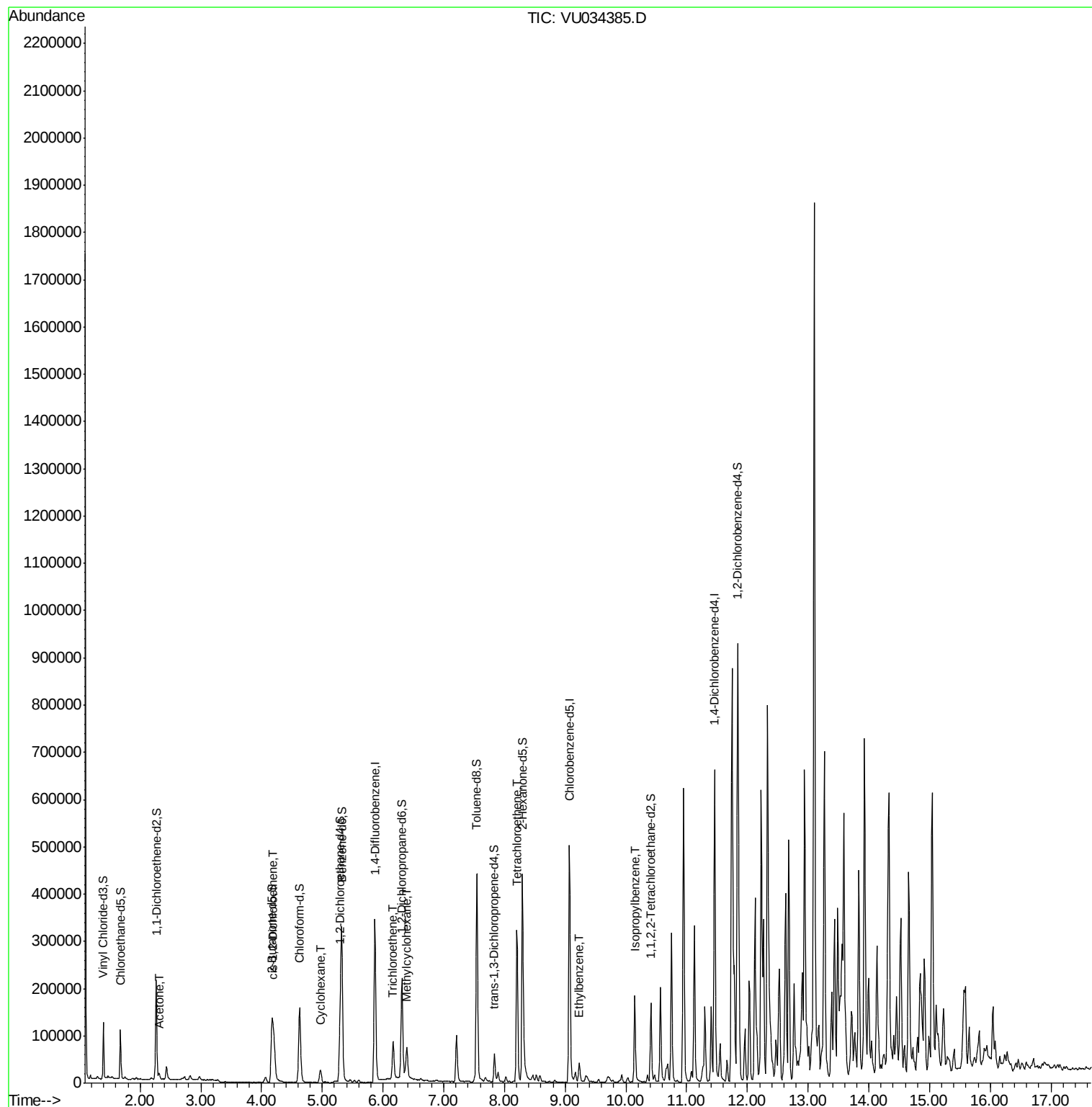
					Ovalue
13) Acetone	2.31	43	12167	3.796 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	37405	1.607 ug/L	97
30) Cyclohexane	4.97	56	13621	0.345 ug/L	94
34) Trichloroethene	6.16	95	28349	1.195 ug/L	98
35) Methylcyclohexane	6.39	83	25838	0.657 ug/L	98
47) Tetrachloroethene	8.21	164	80584	4.133 ug/L	94
52) Ethylbenzene	9.23	91	27975	0.267 ug/L	98
56) Isopropylbenzene	10.15	105	120588	1.173 ug/L	100

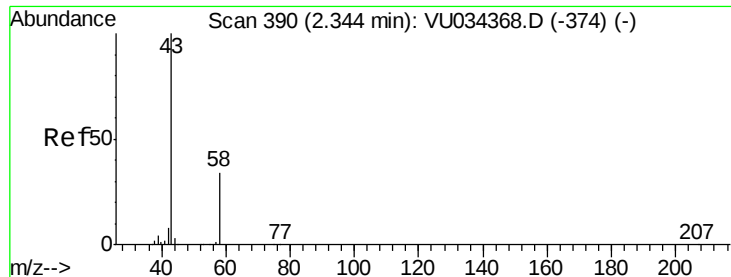
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.796 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034385.D

Acq: 07 Sep 2019 17:02

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MSVOA_U

ClientSampleId :

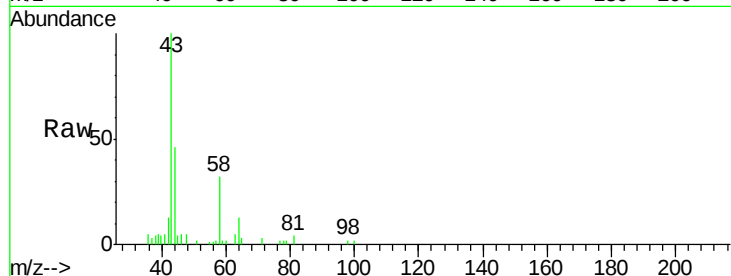
BFDA9

Tot Ion: 43 Resp: 12167

Ion Ratio Lower Upper

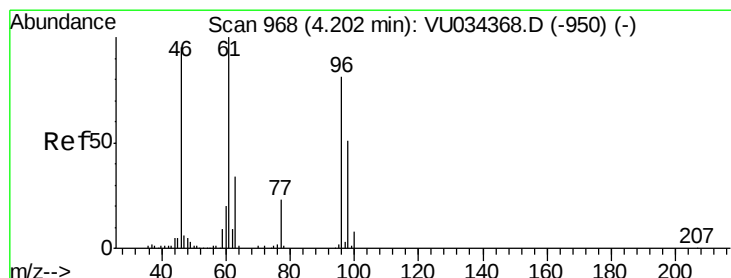
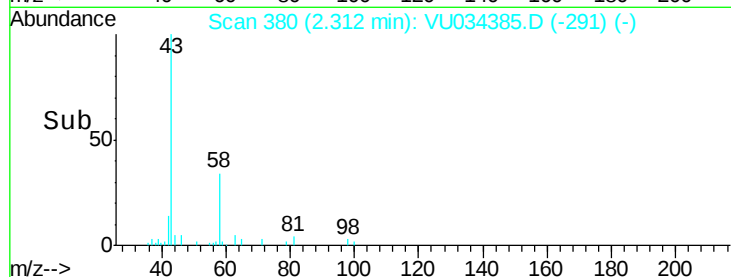
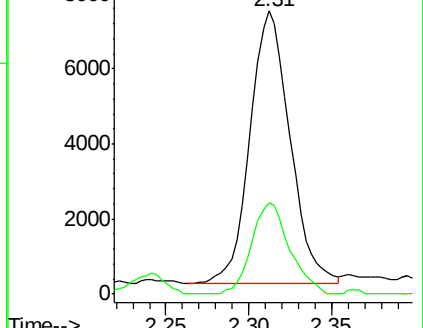
43 100

58 31.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034385.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU034385.D (-380) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.607 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034385.D

Acq: 07 Sep 2019 17:02

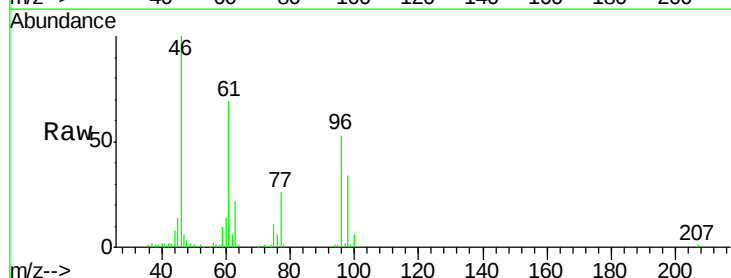
Tgt Ion: 96 Resp: 37405

Ion Ratio Lower Upper

96 100

61 129.9 93.6 173.8

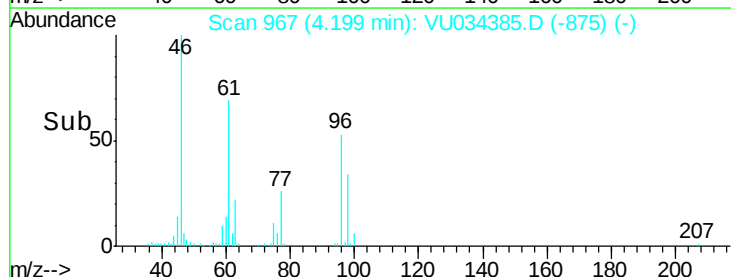
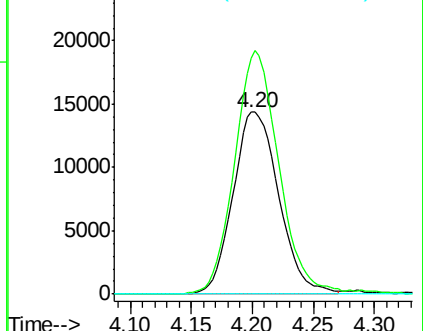
68 0.0 0.0 0.0

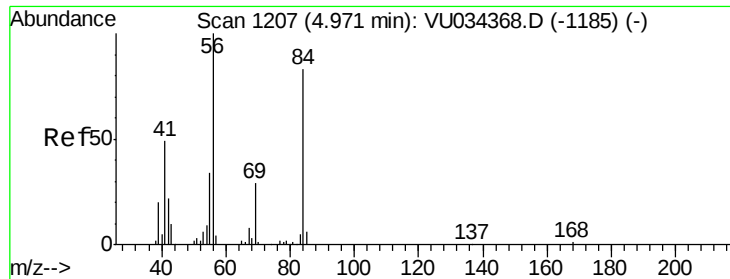


Abundance Ion 96.00 (95.70 to 96.70): VU034385.D (-967) (-)

Ion 61.05 (60.75 to 61.75): VU034385.D (-967) (-)

Ion 68.15 (67.85 to 68.85): VU034385.D (-967) (-)

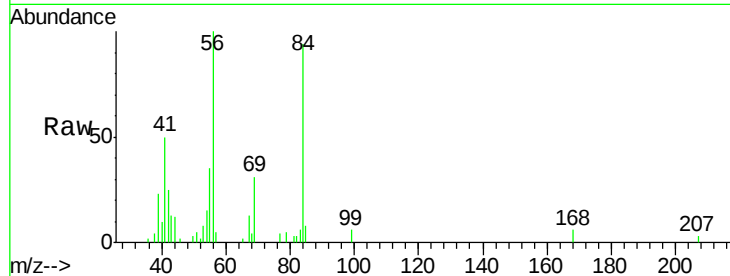




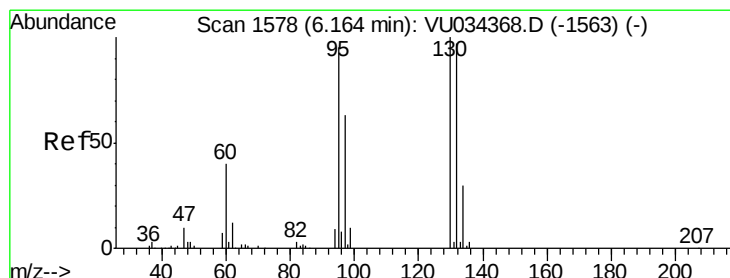
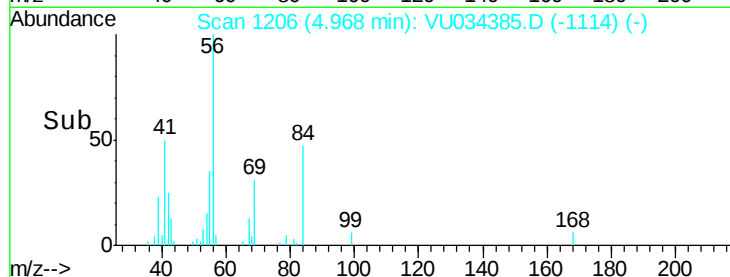
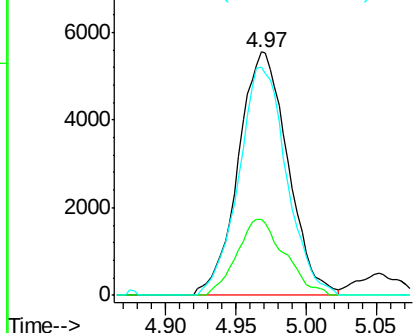
#30
Cyclohexane
Concen: 0.345 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VU034385.D
Acq: 07 Sep 2019 17:02

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Tot Ion: 56 Resp: 13621
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.4
84 90.6 67.0 100.4

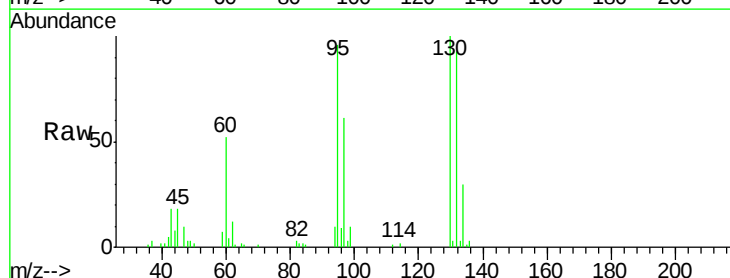


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

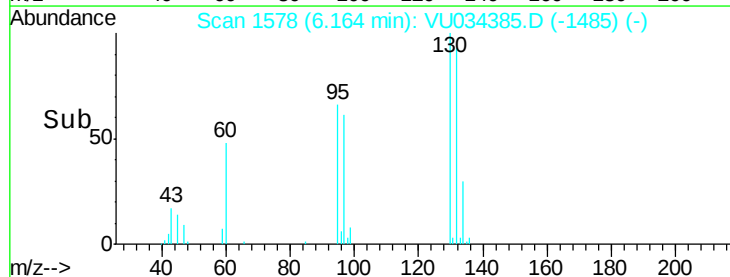
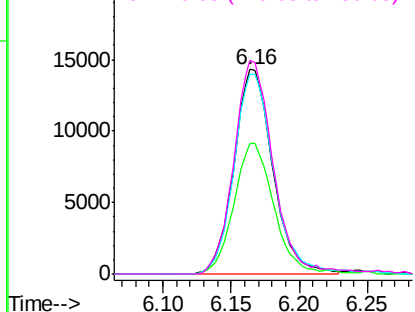


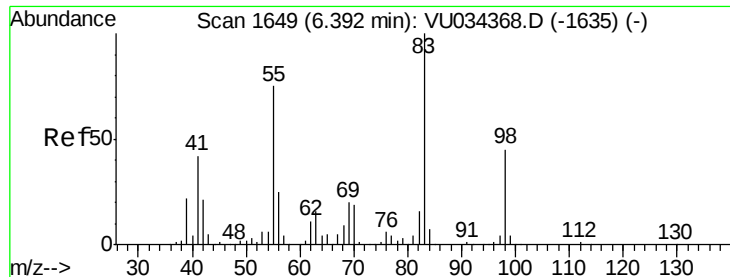
#34
Trichloroethene
Concen: 1.195 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034385.D
Acq: 07 Sep 2019 17:02

Tgt Ion: 95 Resp: 28349
Ion Ratio Lower Upper
95 100
97 63.7 43.3 80.5
132 97.5 68.6 127.4
130 104.4 70.5 130.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

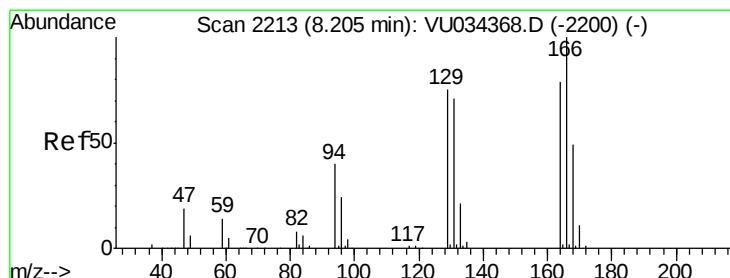
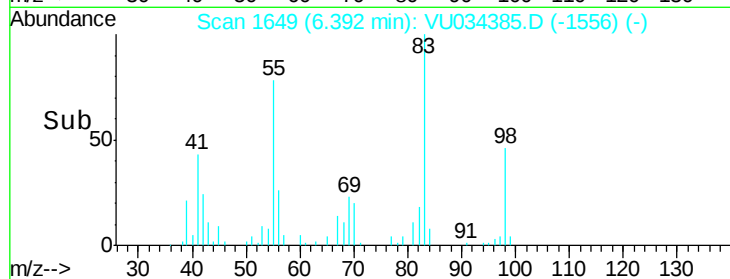
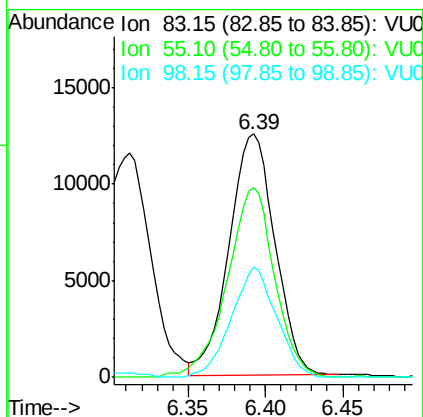
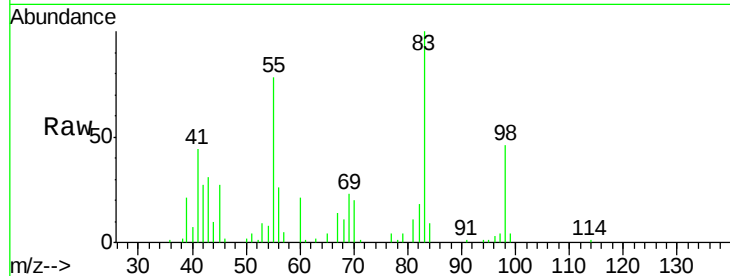




#35
Methvlcvclohexane
Concen: 0.657 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU034385.D
Acq: 07 Sep 2019 17:02

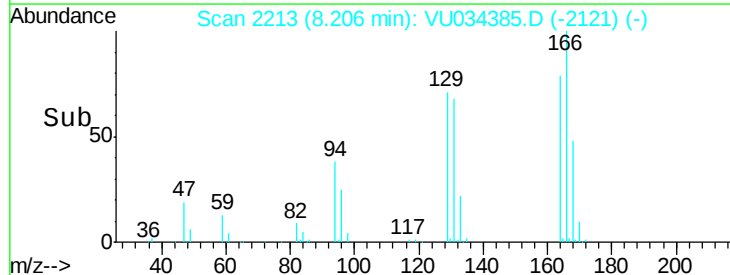
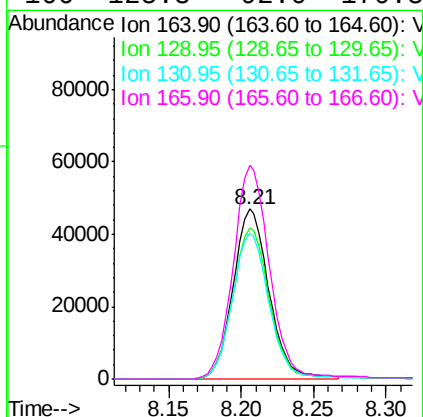
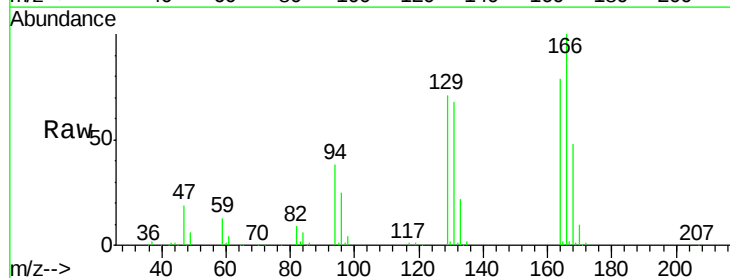
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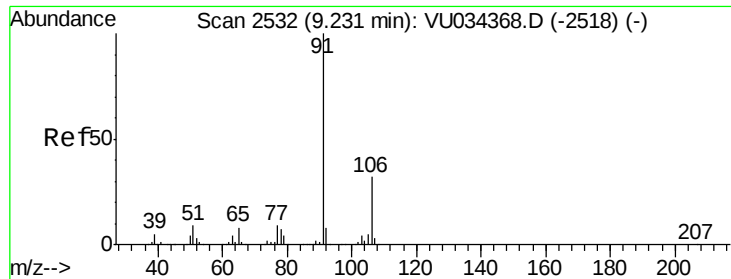
Tot Ion: 83 Resp: 25838
Ion Ratio Lower Upper
83 100
55 80.9 62.6 94.0
98 44.7 36.2 54.2



#47
Tetrachloroethene
Concen: 4.133 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034385.D
Acq: 07 Sep 2019 17:02

Tgt Ion:164 Resp: 80584
Ion Ratio Lower Upper
164 100
129 89.2 68.0 126.2
131 85.8 64.6 120.0
166 125.8 92.0 170.8





#52

Ethylbenzene

Concen: 0.267 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034385.D

Acq: 07 Sep 2019 17:02

Instrument :

MSVOA_U

ClientSampled :

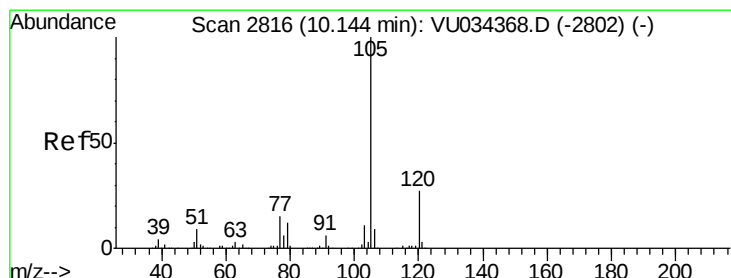
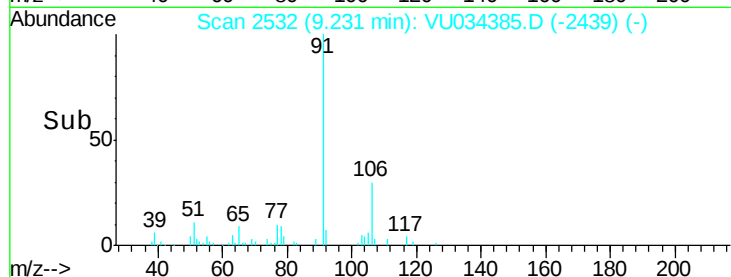
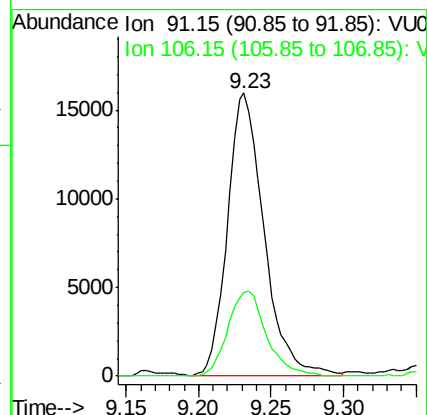
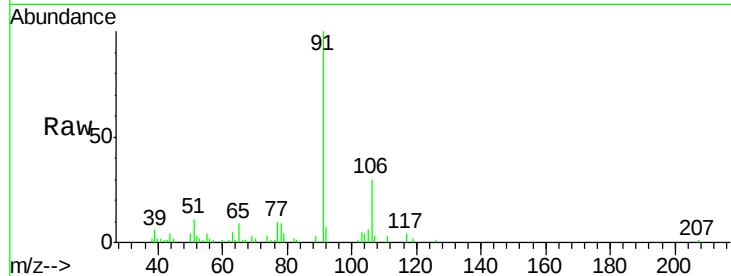
BFDA9

Tot Ion: 91 Resp: 27975

Ion Ratio Lower Upper

91 100

106 29.7 21.4 39.8



#56

Isopropylbenzene

Concen: 1.173 ug/L

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034385.D

Acq: 07 Sep 2019 17:02

Tgt Ion: 105 Resp: 120588

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

77 15.1 12.2 18.4

