

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035295.D
 Acq On : 19 Oct 2019 03:44
 Operator : JC/SP
 Sample : K5421-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 06:17:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	315673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	312404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	131190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85400	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	81258	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.60	63	118919	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.71	46	281052	50.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	5.11	84	172853	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	99010	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	340501	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.74	67	114967	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.93	98	307101	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.22	79	44339	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.69	63	227252	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100213	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	114861	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

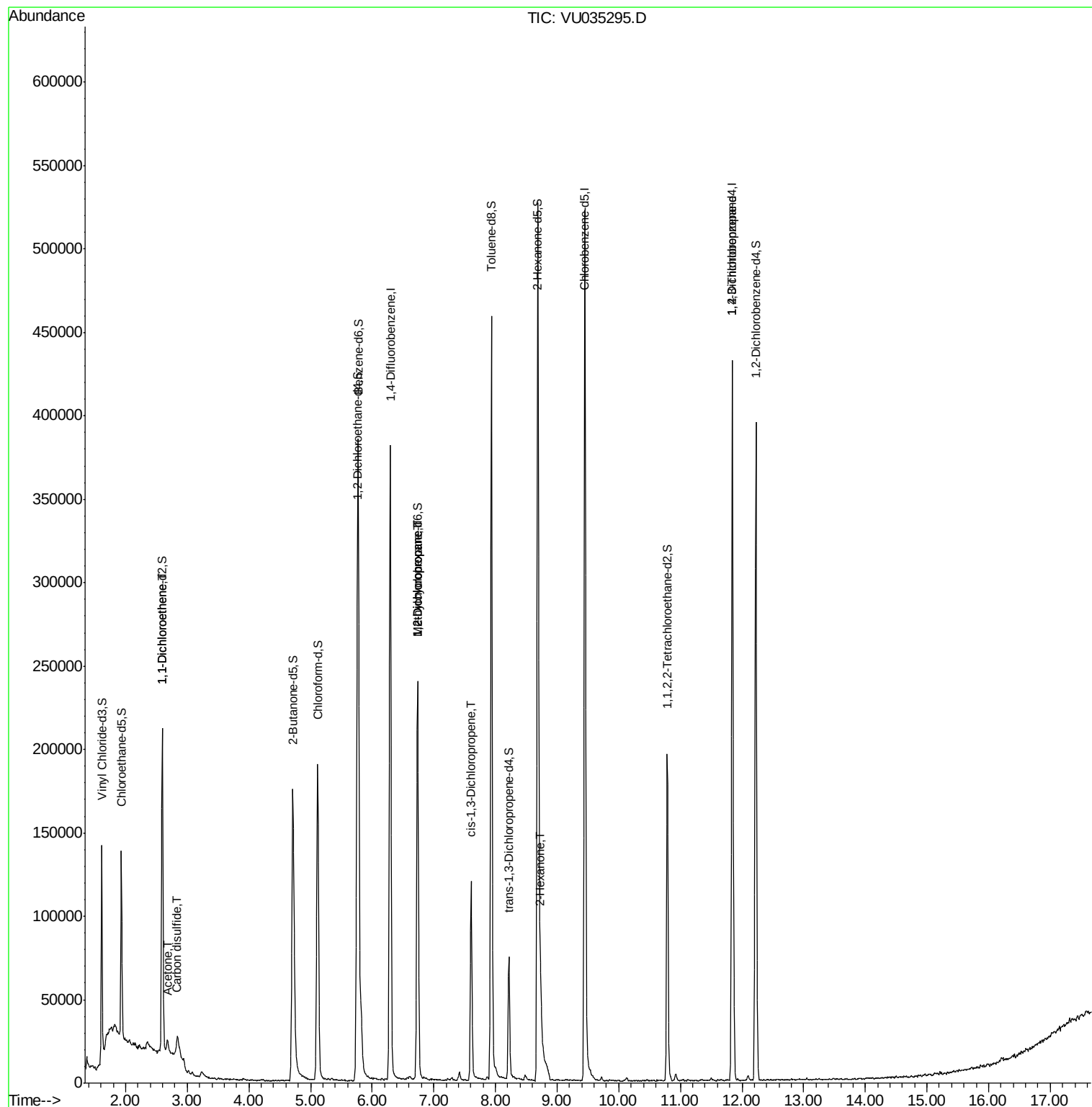
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1362	0.067 ug/L #	1
13) Acetone	2.68	43	10989	2.856 ug/L	94
14) Carbon disulfide	2.83	76	5614	0.088 ug/L #	59
35) Methylcyclohexane	6.74	83	26586	0.644 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12160	0.521 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3031	0.078 ug/L #	61
48) 2-Hexanone	8.74	43	11019	0.997 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	15963	0.982 ug/L	89

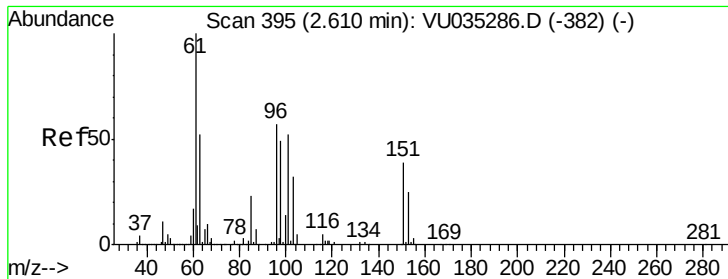
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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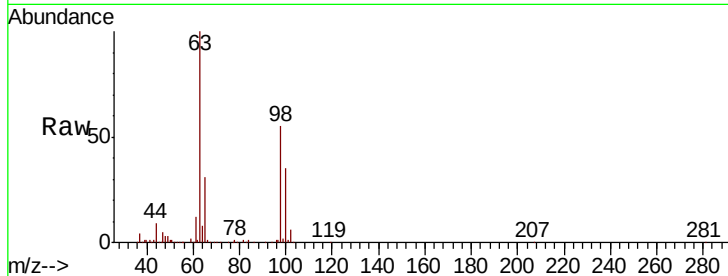




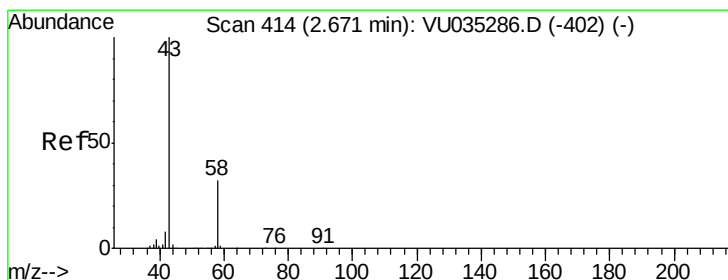
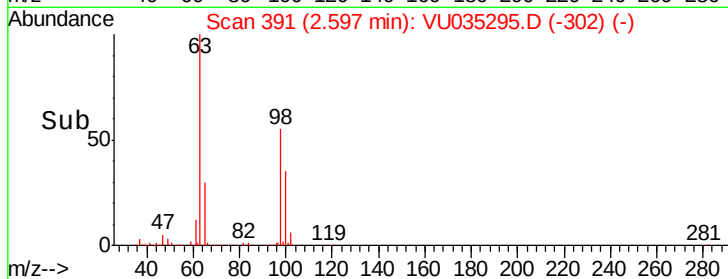
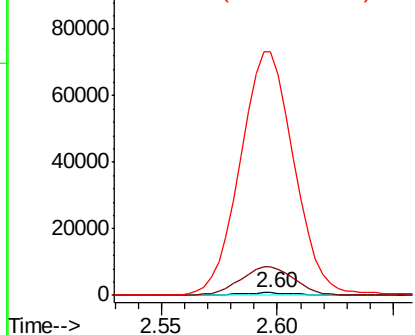
#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1362
 Ion Ratio Lower Upper
 96 100
 61 1174.3 120.6 224.0#
 63 9864.2 86.8 161.2#

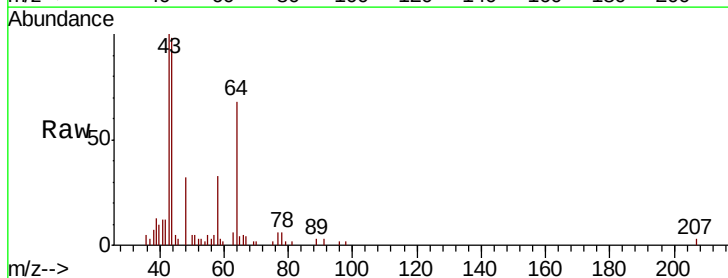


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

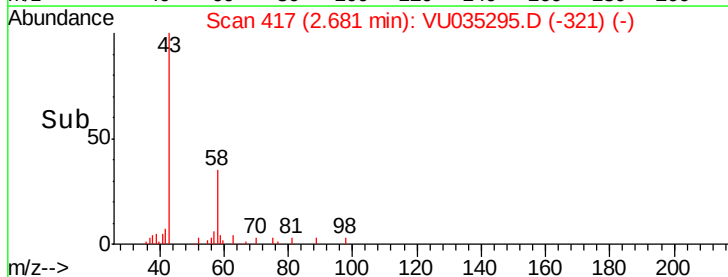
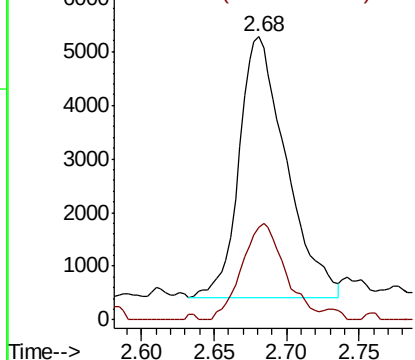


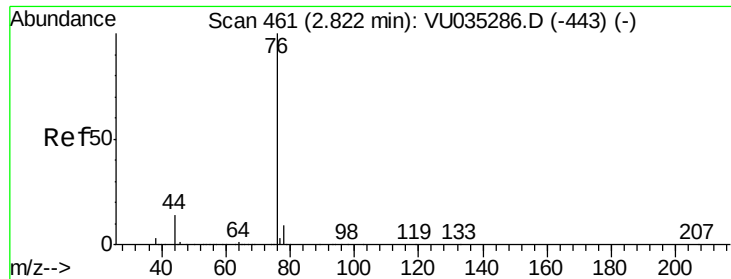
#13
 Acetone
 Concen: 2.856 ug/L
 RT: 2.68 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

Tgt Ion: 43 Resp: 10989
 Ion Ratio Lower Upper
 43 100
 58 34.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.088 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU035295.D

Acq: 19 Oct 2019 03:44

Instrument :

MSVOA_U

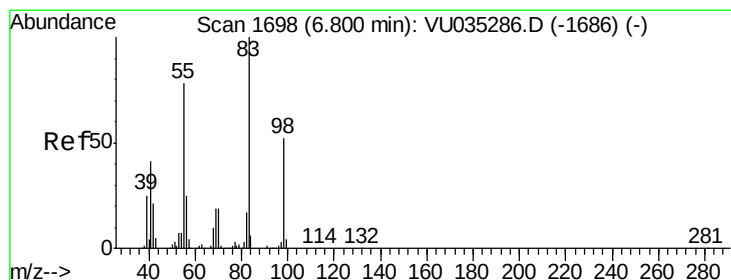
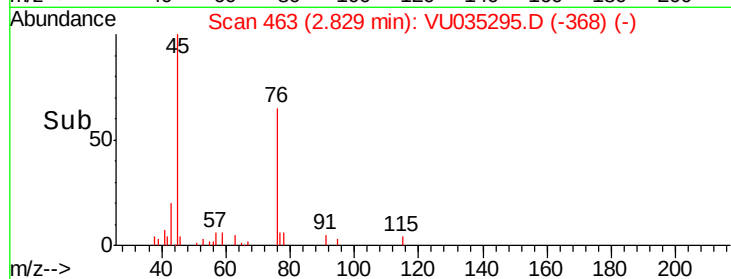
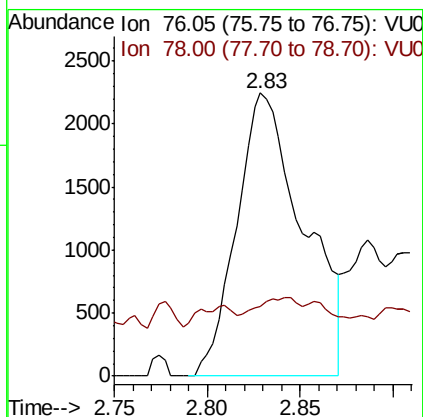
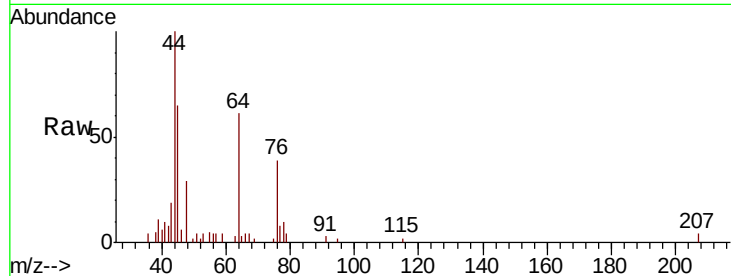
ClientSampleId :

Tot Ion: 76 Resp: 5614

Ion Ratio Lower Upper

76 100

78 24.6 7.6 11.4#



#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035295.D

Acq: 19 Oct 2019 03:44

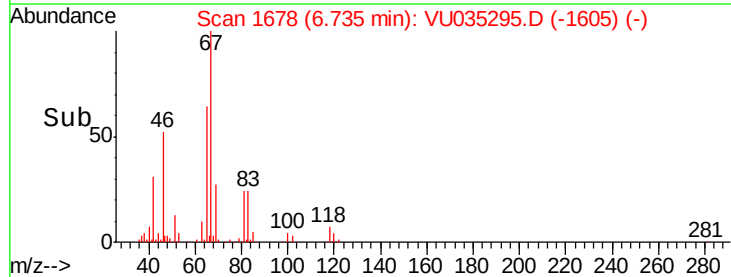
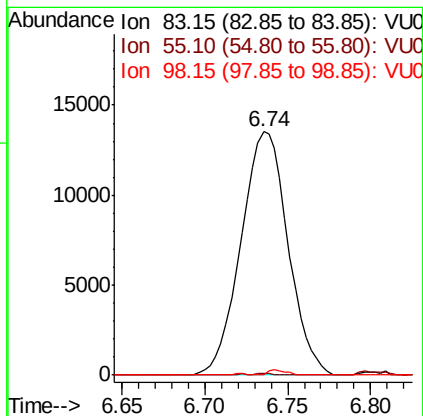
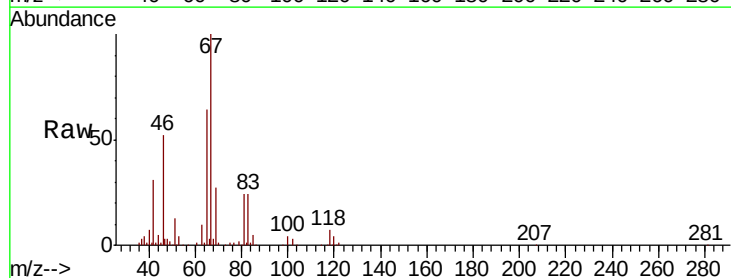
Tgt Ion: 83 Resp: 26586

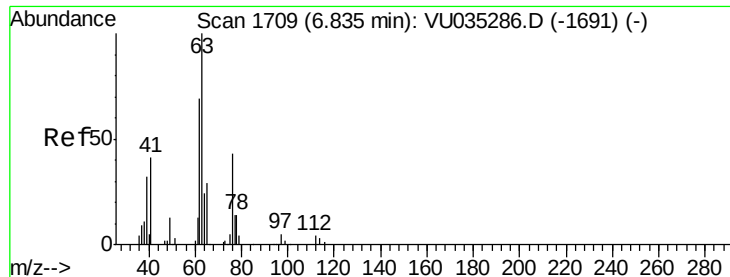
Ion Ratio Lower Upper

83 100

55 0.2 60.4 90.6#

98 0.8 39.5 59.3#

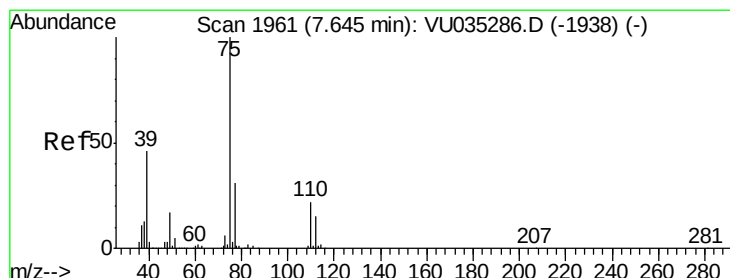
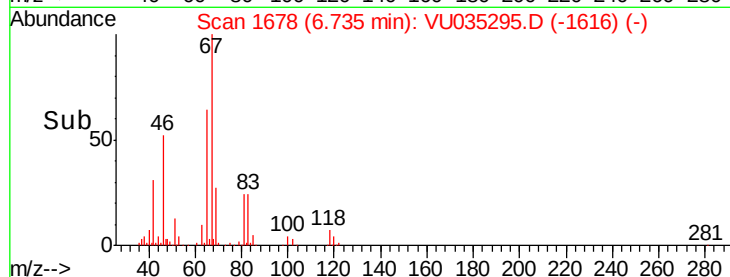
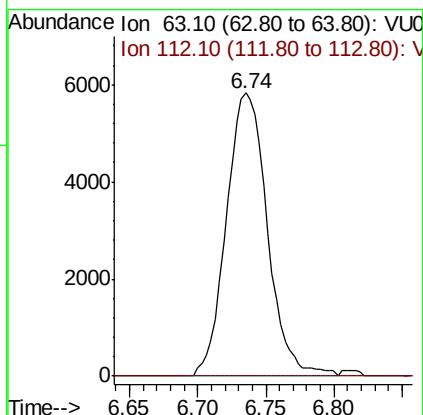
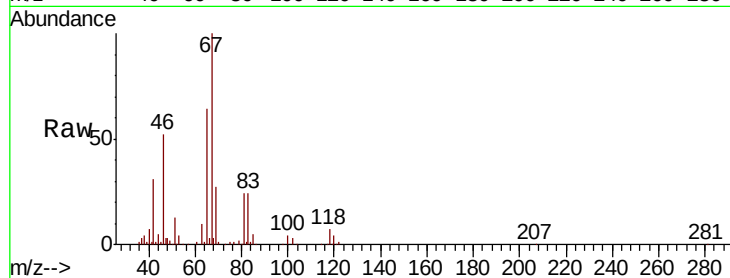




#37
 1,2-Dichloropropane
 Concen: 0.521 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

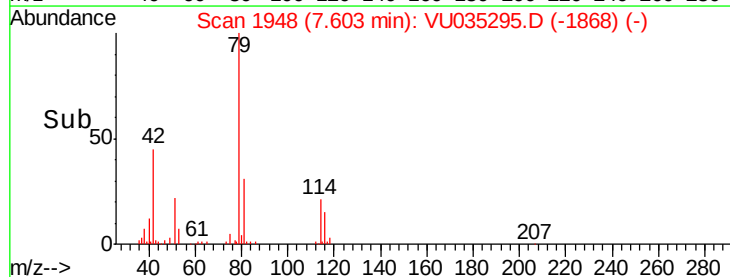
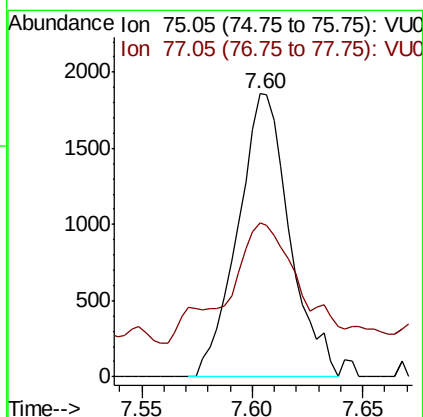
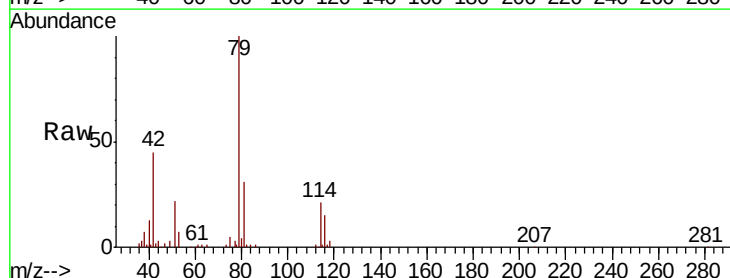
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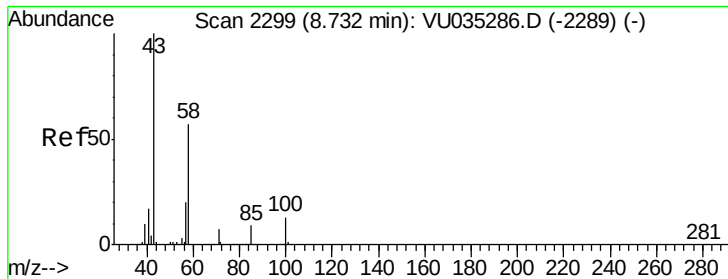
Tot Ion: 63 Resp: 12160
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

Tgt Ion: 75 Resp: 3031
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.7 42.1#

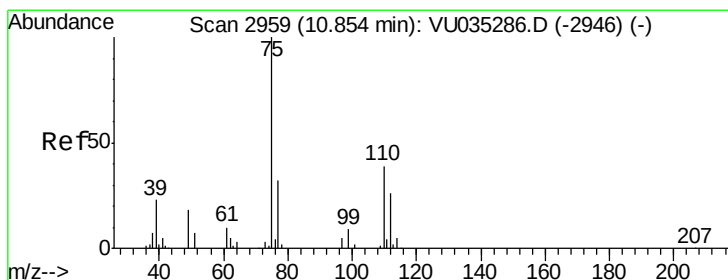
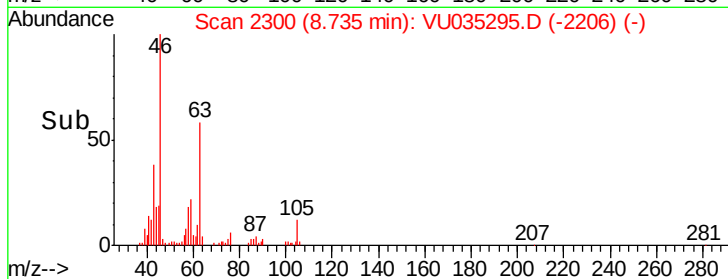
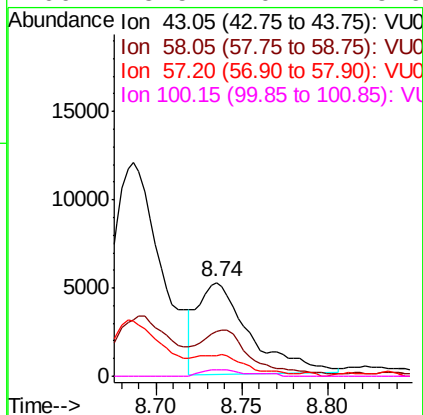
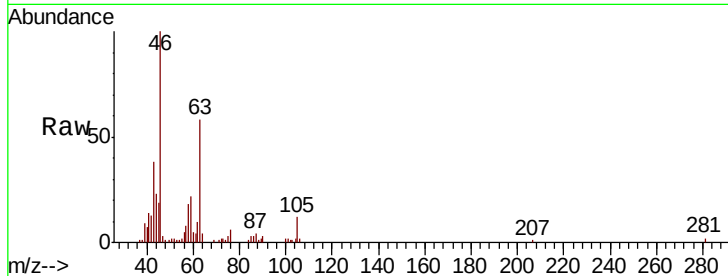




#48
 2-Hexanone
 Concen: 0.997 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 11019
 Ion Ratio Lower Upper
 43 100
 58 45.5 45.1 67.7
 57 23.3 16.0 24.0
 100 5.5 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.982 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035295.D
 Acq: 19 Oct 2019 03:44

Tgt Ion: 75 Resp: 15963
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.2 39.2

