

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035289.D
 Acq On : 19 Oct 2019 01:01
 Operator : JC/SP
 Sample : K5458-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 06:16:22 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	325095	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88203	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	82548	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	122602	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.71	46	275313	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	5.11	84	177827	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	100542	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	349106	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.74	67	114200	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	311251	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.22	79	46435	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.69	63	230351	46.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101245	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	110608	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

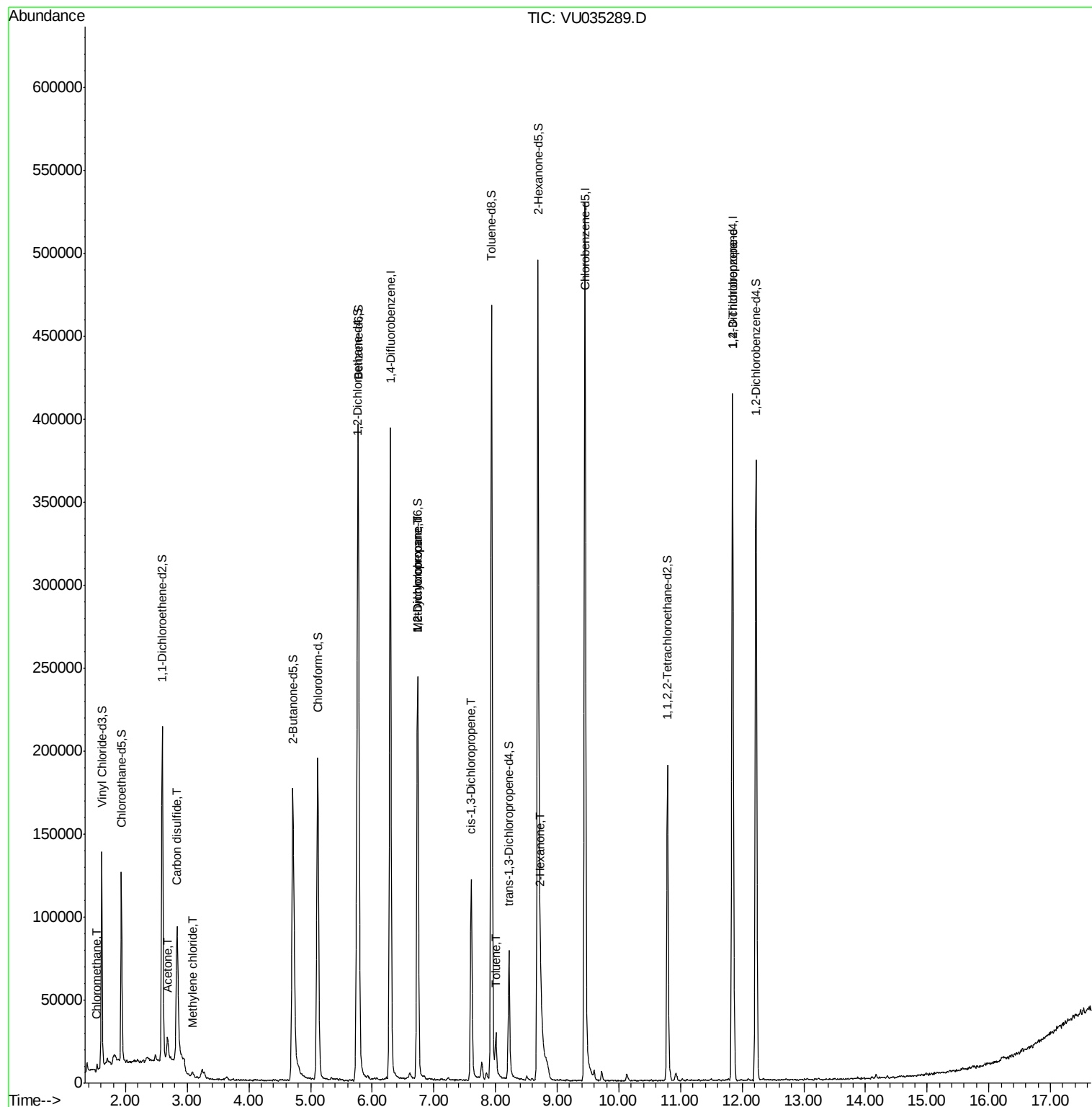
					Ovalue
3) Chloromethane	1.54	50	2843	0.104 ug/L	93
13) Acetone	2.68	43	17403	4.392 ug/L	99
14) Carbon disulfide	2.82	76	15500	0.235 ug/L #	89
16) Methylene chloride	3.08	84	1597	0.064 ug/L	82
35) Methylcyclohexane	6.74	83	27165	0.649 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13148	0.556 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2946	0.074 ug/L #	20
42) Toluene	8.01	91	16835	0.164 ug/L	86
48) 2-Hexanone	8.73	43	12257	1.094 ug/L #	79
59) 1,2,3-Trichloropropane	11.84	75	16287	0.988 ug/L	96

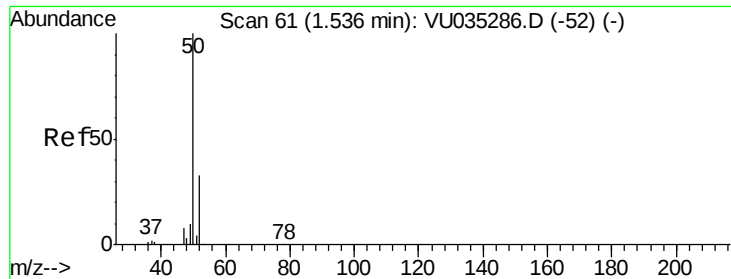
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.104 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035289.D

Acq: 19 Oct 2019 01:01

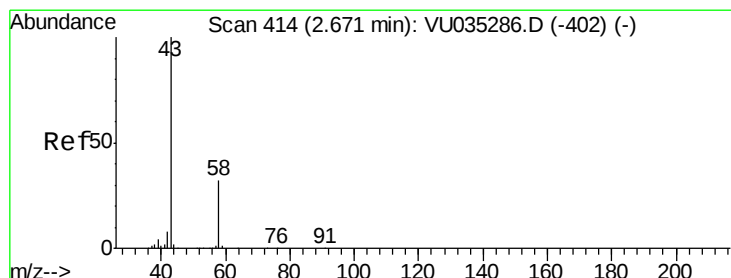
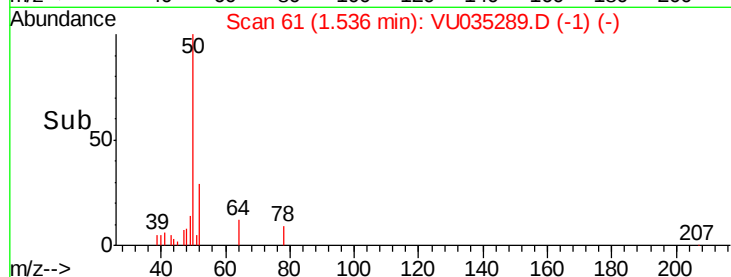
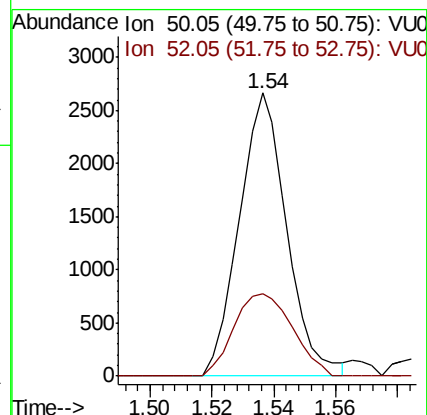
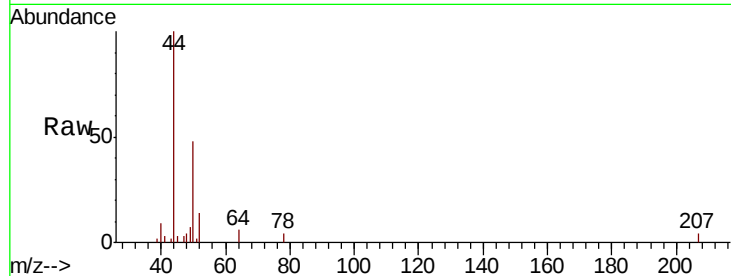
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 2843

Ion Ratio Lower Upper

50 100

52 29.3 23.5 43.7



#13

Acetone

Concen: 4.392 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU035289.D

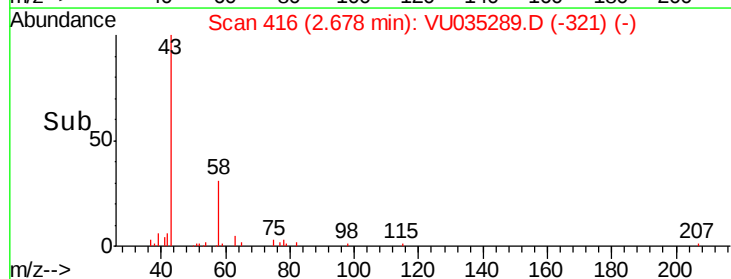
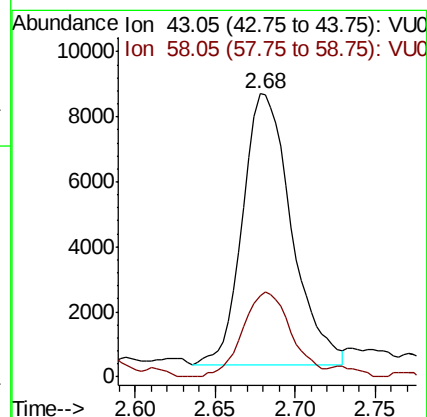
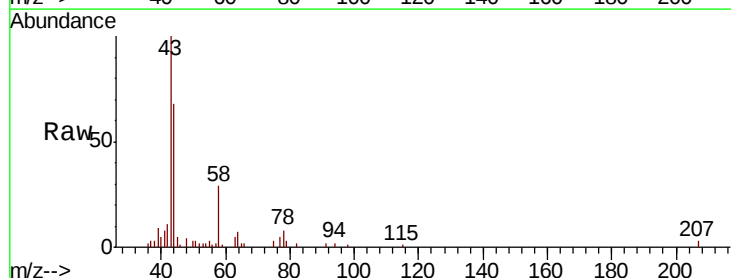
Acq: 19 Oct 2019 01:01

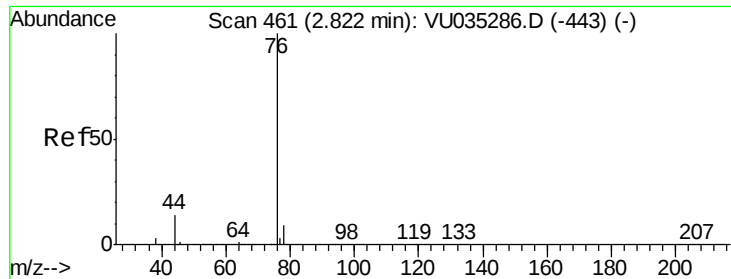
Tgt Ion: 43 Resp: 17403

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.8





#14

Carbon disulfide

Concen: 0.235 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035289.D

Acq: 19 Oct 2019 01:01

Instrument :

MSVOA_U

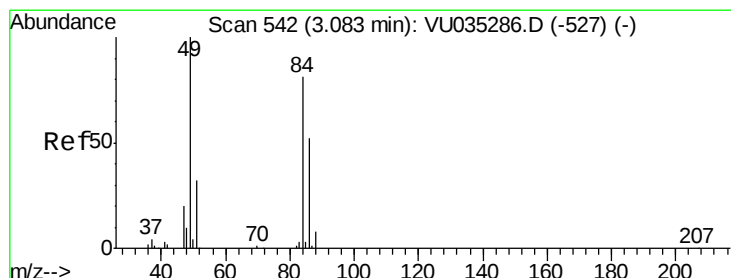
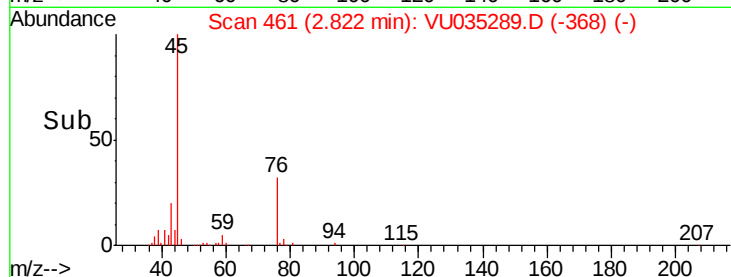
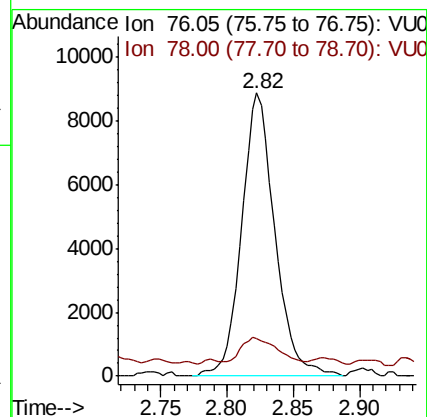
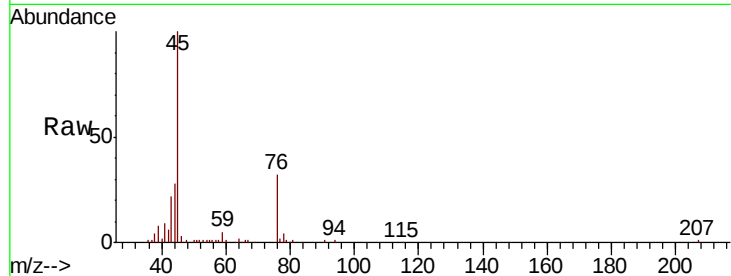
ClientSampleId :

Tot Ion: 76 Resp: 15500

Ion Ratio Lower Upper

76 100

78 13.5 7.6 11.4#



#16

Methylene chloride

Concen: 0.064 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035289.D

Acq: 19 Oct 2019 01:01

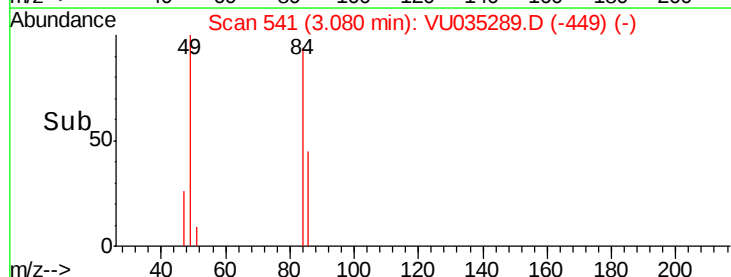
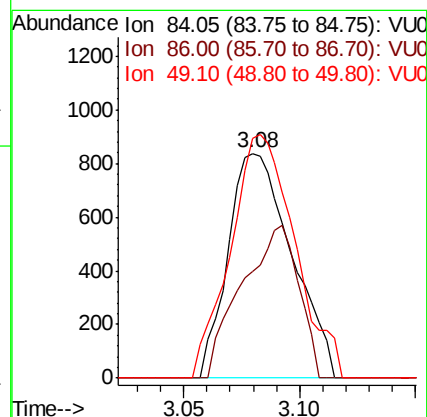
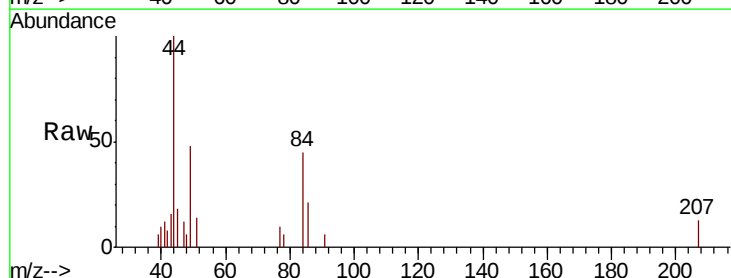
Tgt Ion: 84 Resp: 1597

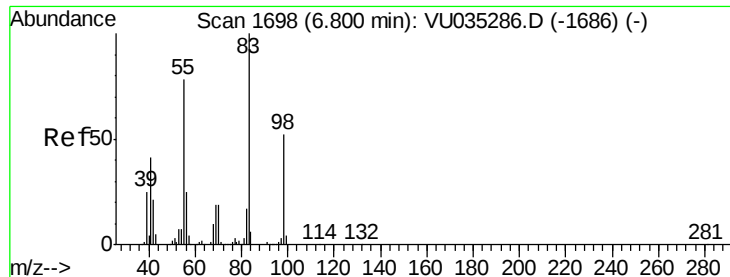
Ion Ratio Lower Upper

84 100

86 47.6 45.4 84.2

49 106.4 86.8 161.2

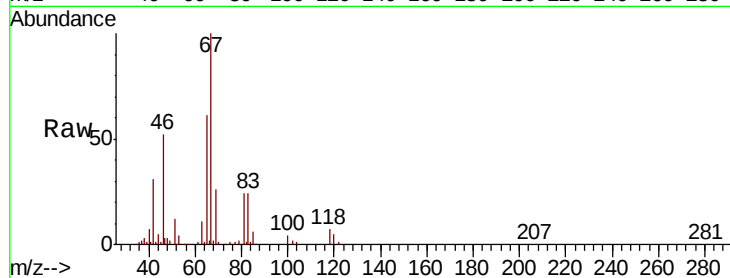




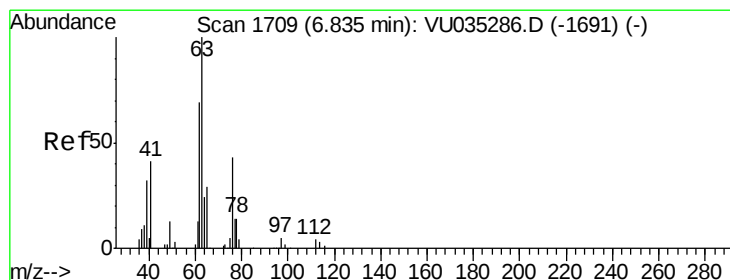
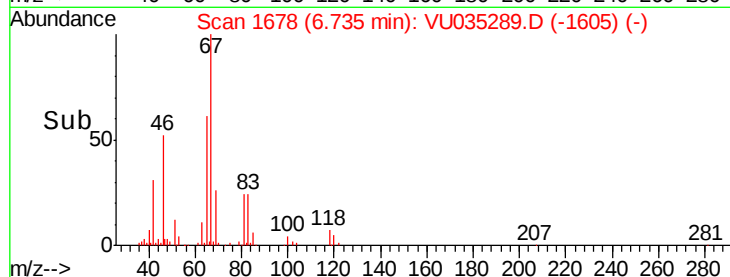
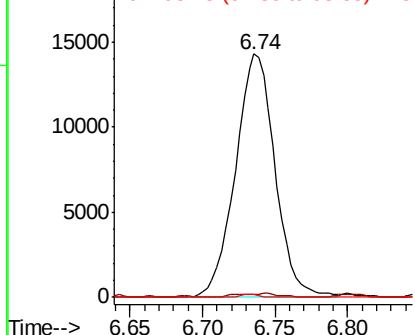
#35
Methvlcvclohexane
Concen: 0.649 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035289.D
Acq: 19 Oct 2019 01:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27165
Ion Ratio Lower Upper
83 100
55 1.1 60.4 90.6#
98 0.5 39.5 59.3#

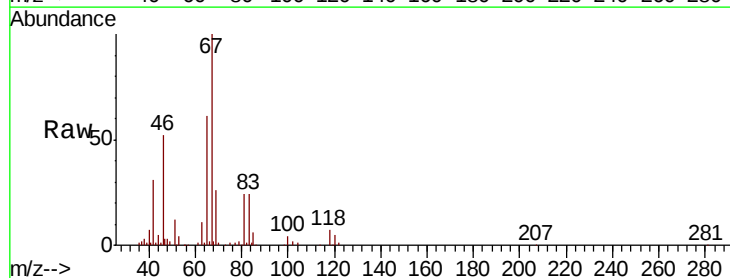


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

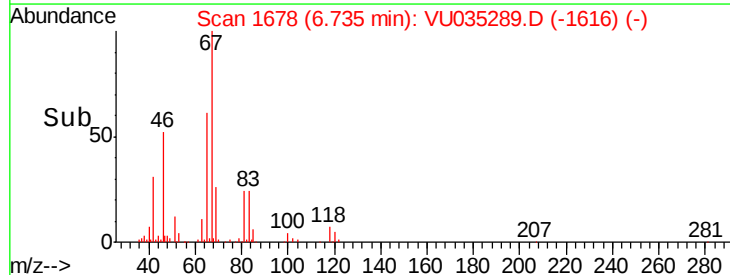
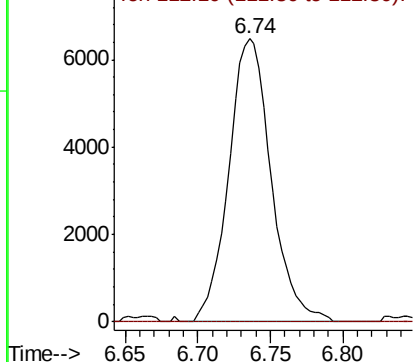


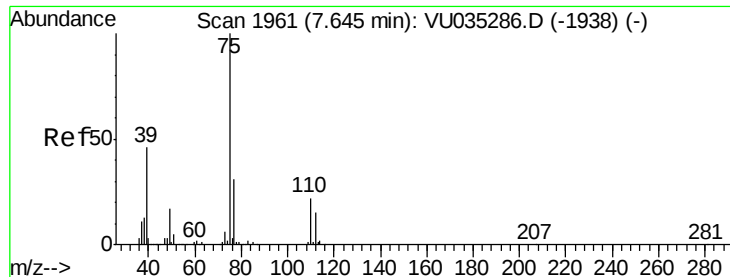
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035289.D
Acq: 19 Oct 2019 01:01

Tgt Ion: 63 Resp: 13148
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035289.D

Acq: 19 Oct 2019 01:01

Instrument :

MSVOA_U

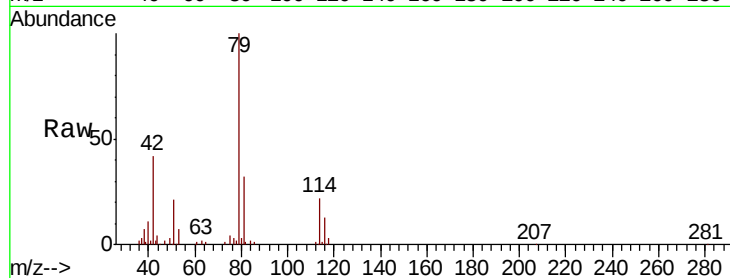
ClientSampleId :

Tot Ion: 75 Resp: 2946

Ion Ratio Lower Upper

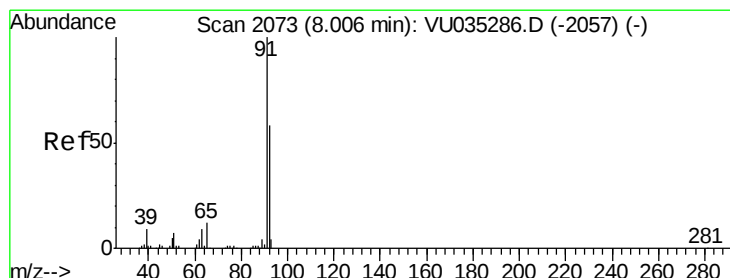
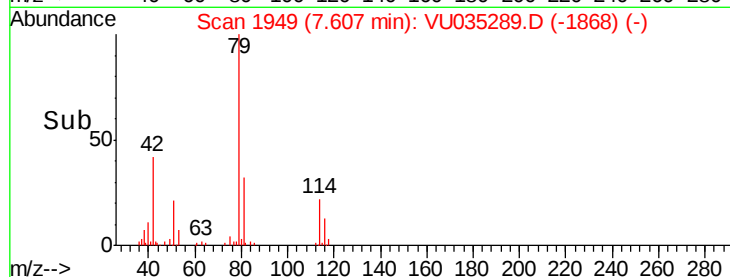
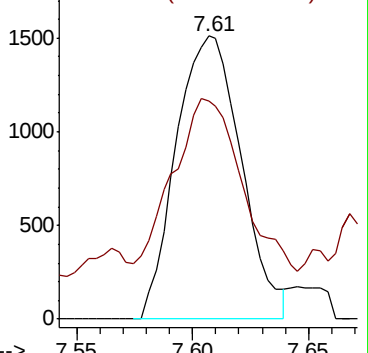
75 100

77 77.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035286.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU035289.D (-1868) (-)



#42

Toluene

Concen: 0.164 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035289.D

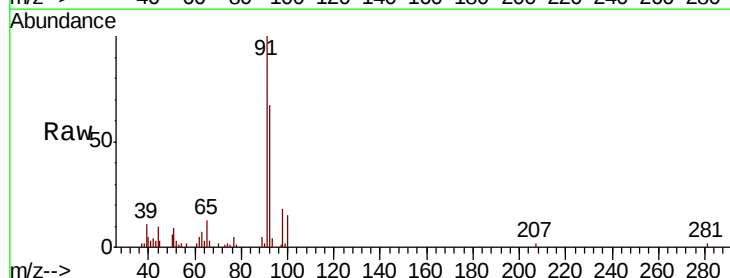
Acq: 19 Oct 2019 01:01

Tgt Ion: 91 Resp: 16835

Ion Ratio Lower Upper

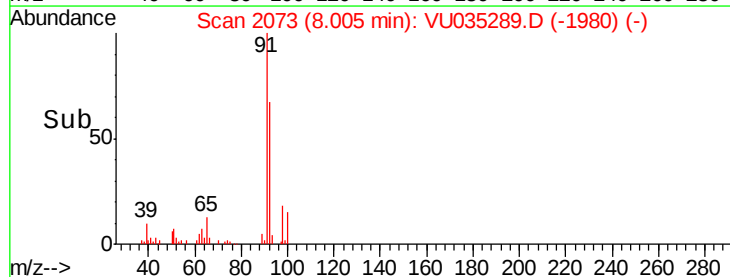
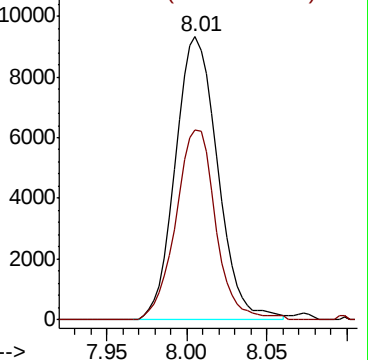
91 100

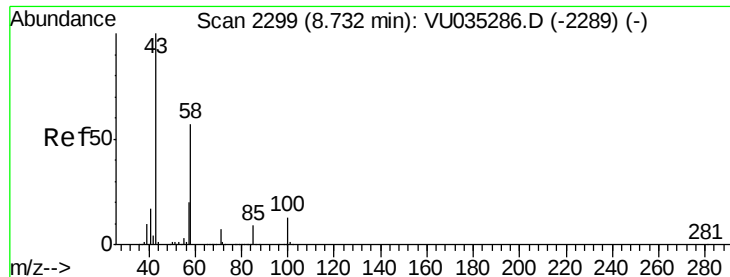
92 67.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU035286.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035289.D (-1980) (-)

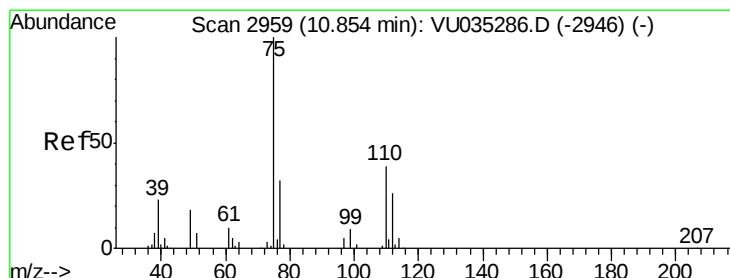
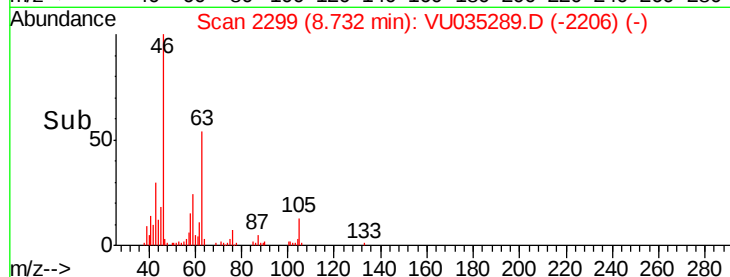
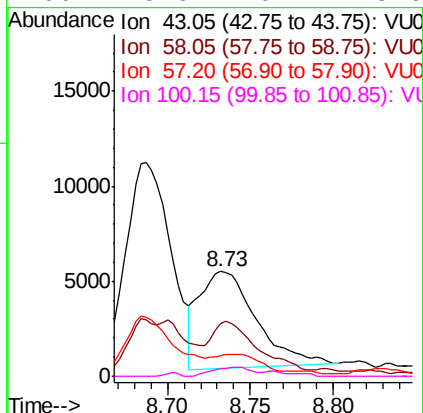
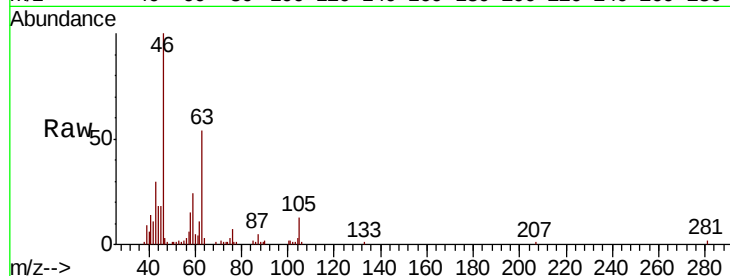




#48
 2-Hexanone
 Concen: 1.094 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VU035289.D
 Acq: 19 Oct 2019 01:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 12257
 Ion Ratio Lower Upper
 43 100
 58 39.4 45.1 67.7#
 57 11.8 16.0 24.0#
 100 6.6 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.988 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035289.D
 Acq: 19 Oct 2019 01:01

Tgt Ion: 75 Resp: 16287
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.2 39.2

