

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035288.D
 Acq On : 19 Oct 2019 00:38
 Operator : JC/SP
 Sample : K5458-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 06:16:14 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	316002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	124447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81641	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	76792	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	116826	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.71	46	256510	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	5.11	84	168109	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.75	65	93609	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	331737	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.74	67	108554	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	301423	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.22	79	44144	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.68	63	200630	42.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93319	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	105958	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

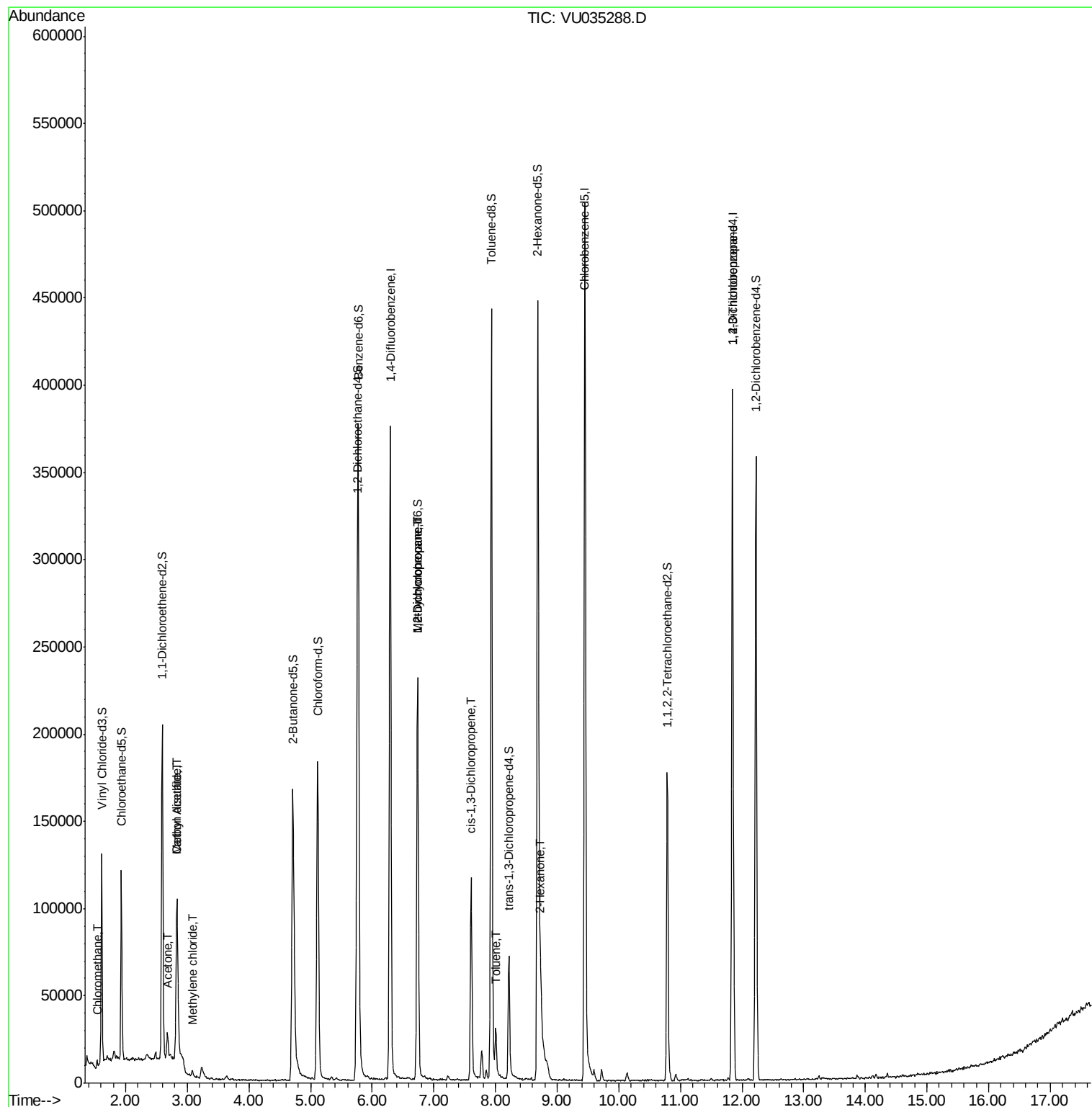
					Ovalue
3) Chloromethane	1.54	50	2687	0.101 ug/L	96
13) Acetone	2.68	43	17754	4.609 ug/L	94
14) Carbon disulfide	2.82	76	18486	0.288 ug/L #	89
15) Methyl Acetate	2.84	43	23737	2.473 ug/L #	50
16) Methylene chloride	3.08	84	1502	0.062 ug/L	86
35) Methylcyclohexane	6.74	83	25592	0.635 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12329	0.542 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3120	0.082 ug/L #	43
42) Toluene	8.01	91	17332	0.175 ug/L	100
48) 2-Hexanone	8.74	43	11959	1.110 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	15000	0.946 ug/L	94

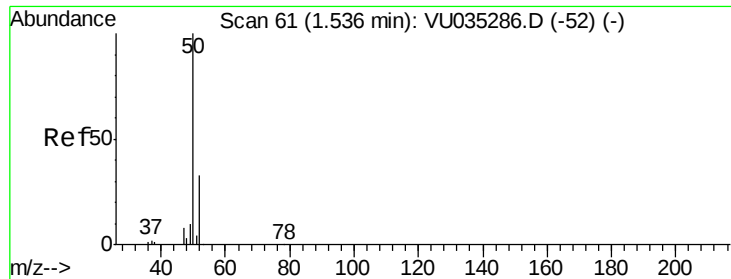
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.101 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

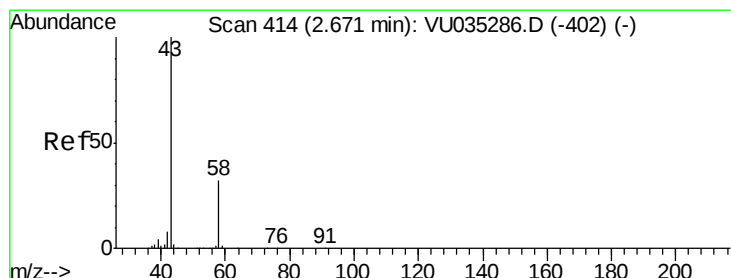
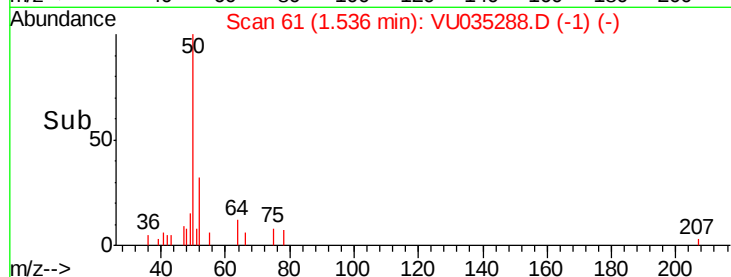
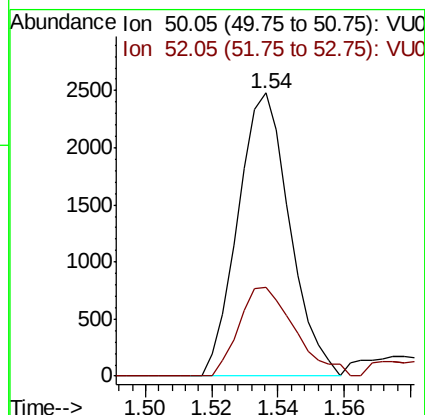
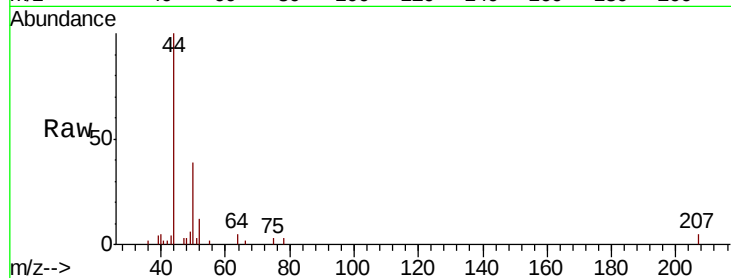
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 2687

Ion Ratio Lower Upper

50 100

52 31.5 23.5 43.7



#13

Acetone

Concen: 4.609 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU035288.D

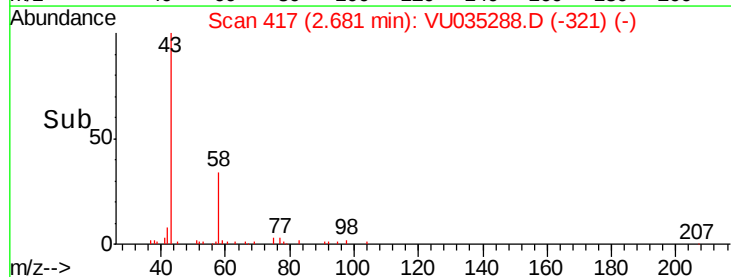
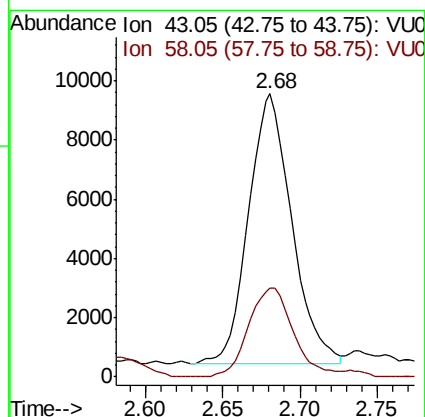
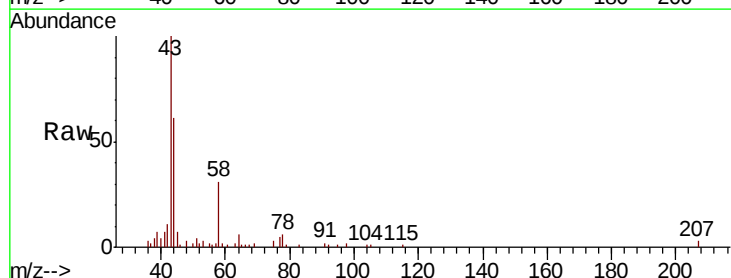
Acq: 19 Oct 2019 00:38

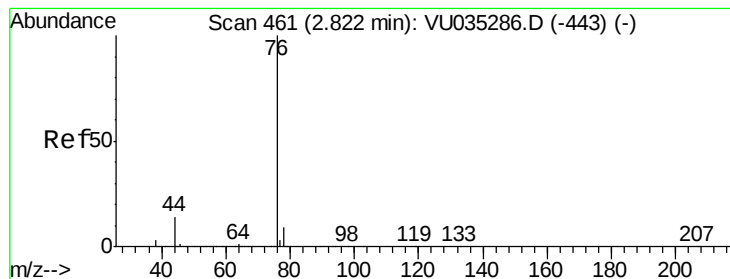
Tgt Ion: 43 Resp: 17754

Ion Ratio Lower Upper

43 100

58 34.1 0.0 61.8





#14

Carbon disulfide

Concen: 0.288 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

Instrument :

MSVOA_U

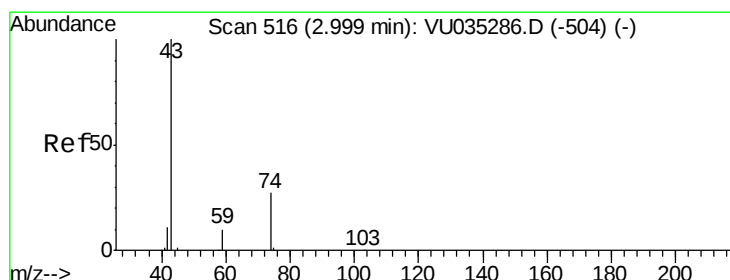
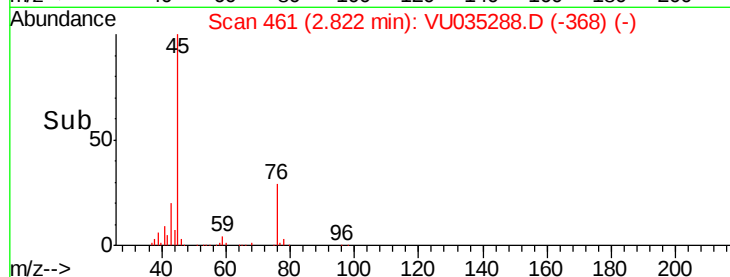
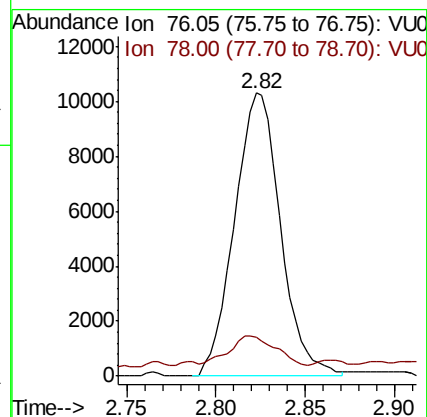
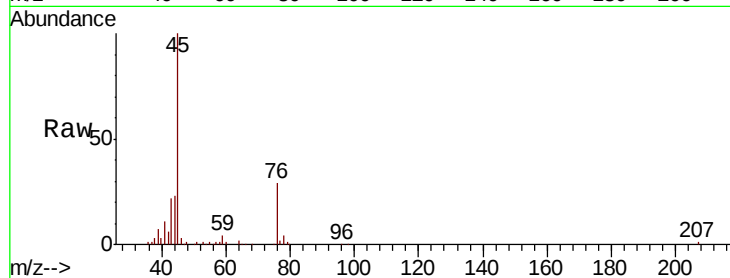
ClientSampleId :

Tot Ion: 76 Resp: 18486

Ion Ratio Lower Upper

76 100

78 13.6 7.6 11.4#



#15

Methyl Acetate

Concen: 2.473 ug/L

RT: 2.84 min Scan# 465

Delta R.T. -0.16 min

Lab File: VU035288.D

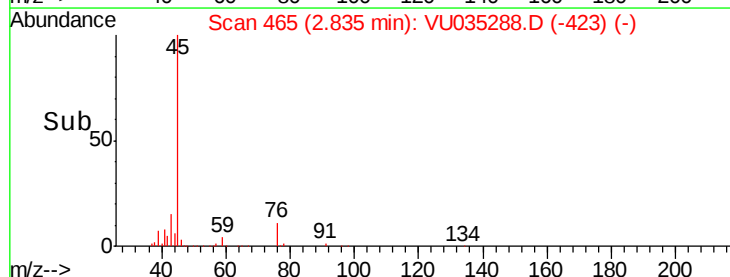
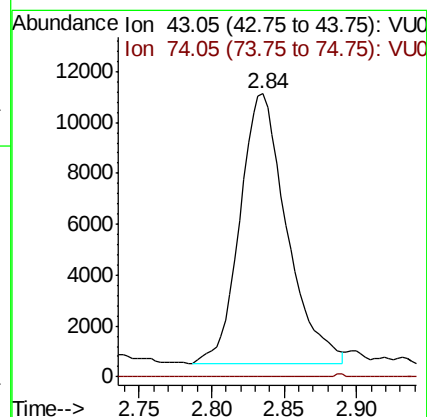
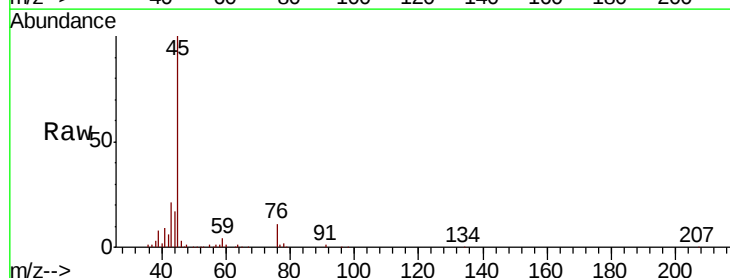
Acq: 19 Oct 2019 00:38

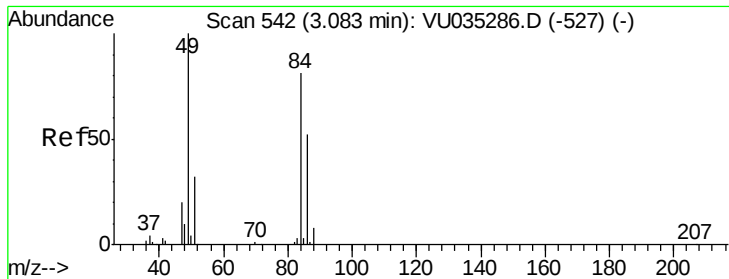
Tgt Ion: 43 Resp: 23737

Ion Ratio Lower Upper

43 100

74 0.2 20.3 30.5#

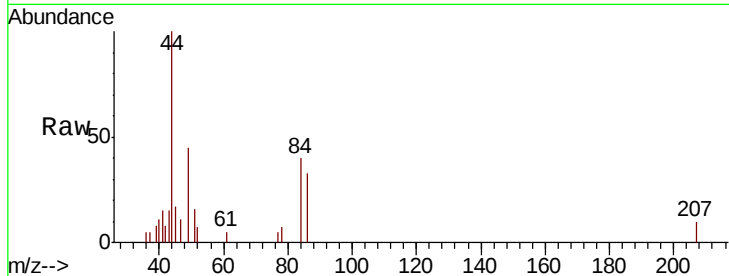




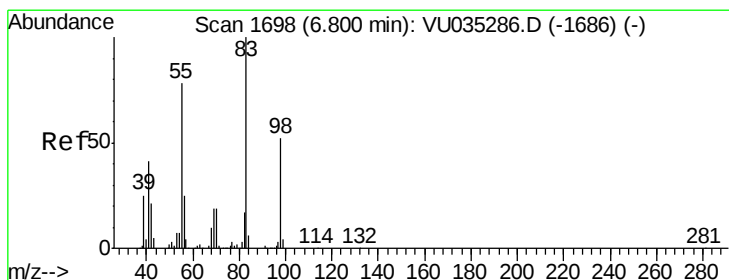
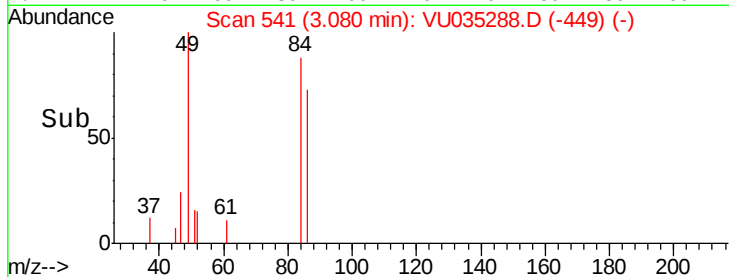
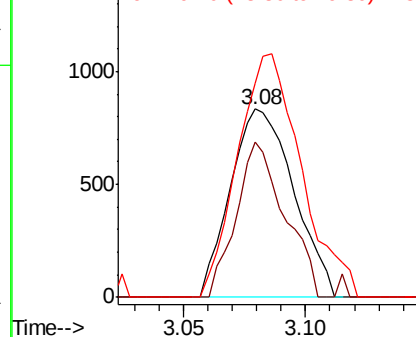
#16
Methvlene chloride
Concen: 0.062 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035288.D
Acq: 19 Oct 2019 00:38

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 1502
Ion Ratio Lower Upper
84 100
86 82.7 45.4 84.2
49 113.8 86.8 161.2

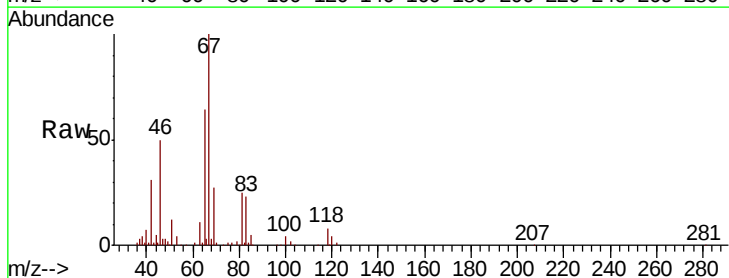


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

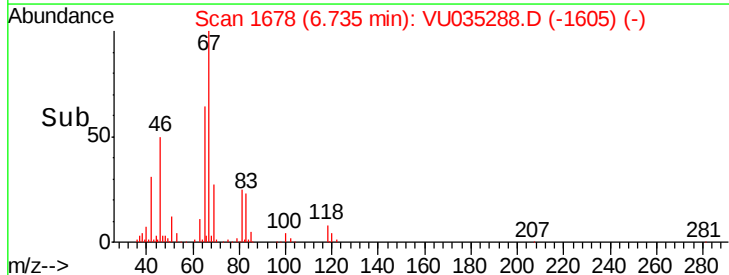
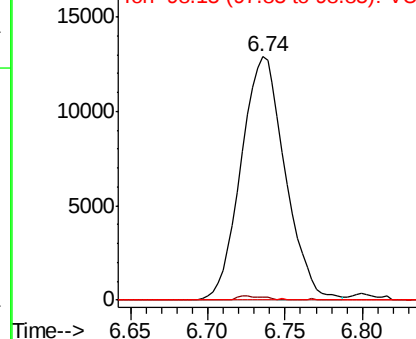


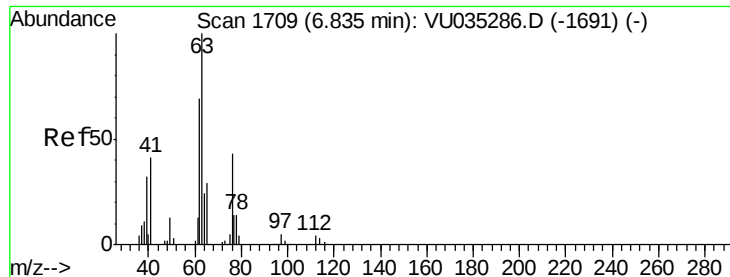
#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035288.D
Acq: 19 Oct 2019 00:38

Tgt Ion: 83 Resp: 25592
Ion Ratio Lower Upper
83 100
55 1.0 60.4 90.6#
98 0.2 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: 0.542 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.10 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

Instrument :

MSVOA_U

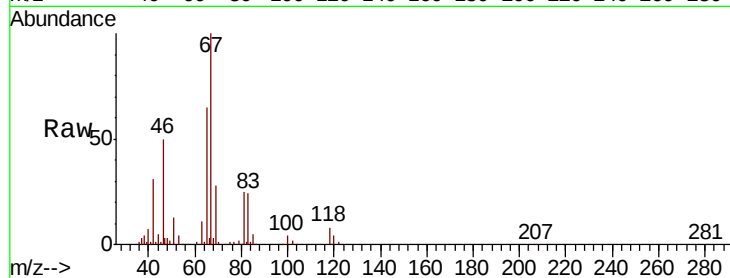
ClientSampleId :

Tot Ion: 63 Resp: 12329

Ion Ratio Lower Upper

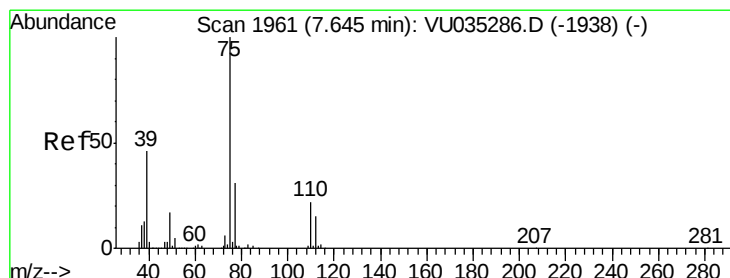
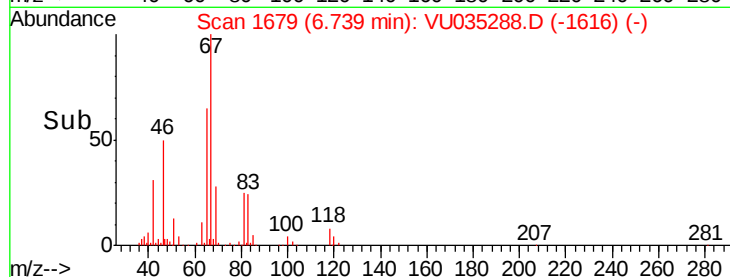
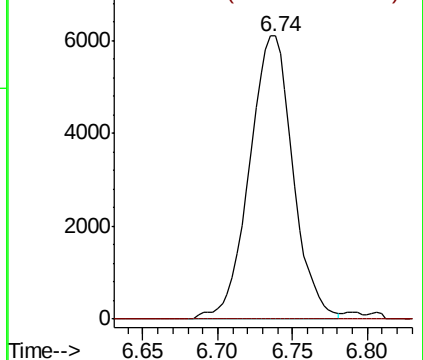
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035288.D (-1679) (-)

Ion 112.10 (111.80 to 112.80): VU035288.D (-1679) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VU035288.D

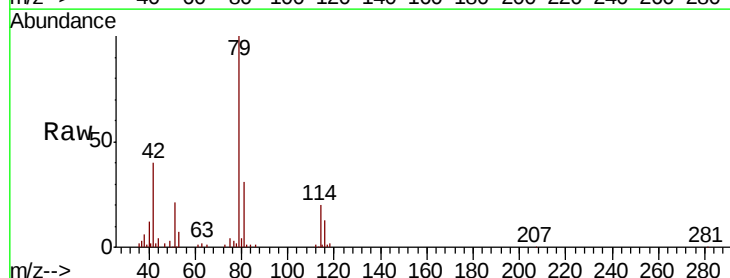
Acq: 19 Oct 2019 00:38

Tgt Ion: 75 Resp: 3120

Ion Ratio Lower Upper

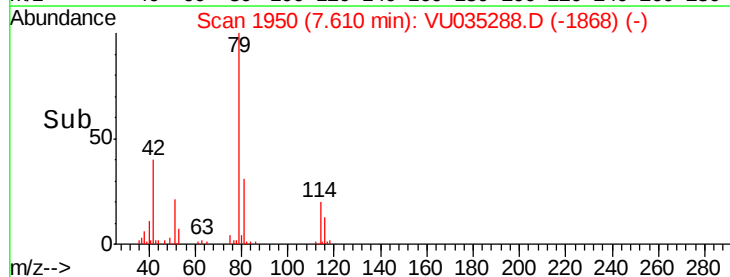
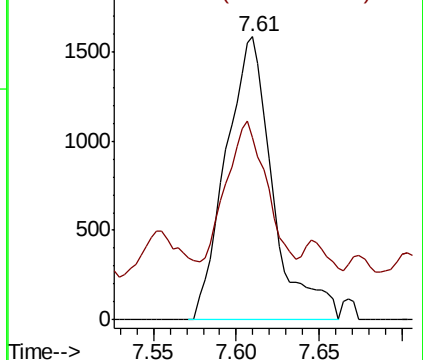
75 100

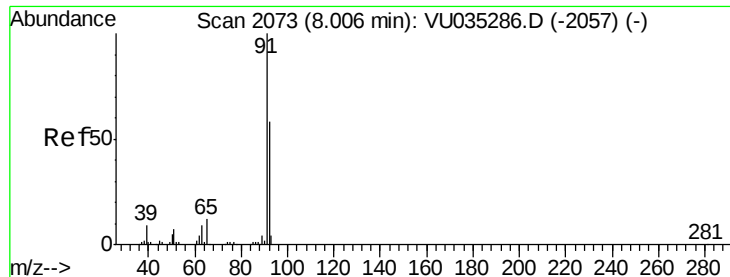
77 64.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035288.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035288.D (-1868) (-)





#42

Toluene

Concen: 0.175 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

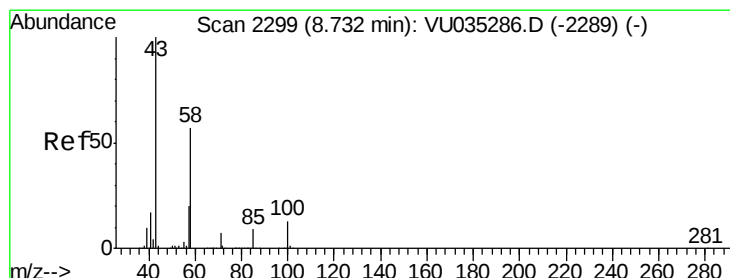
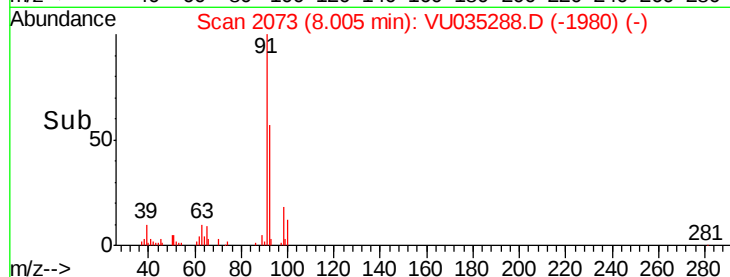
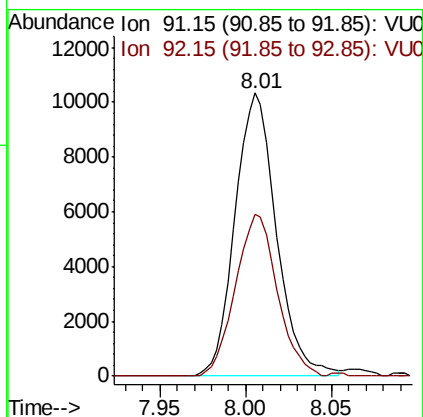
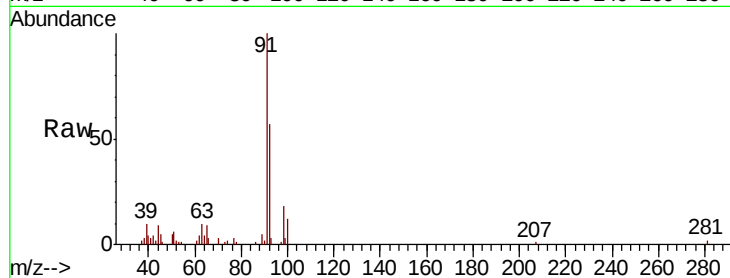
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 17332

Ion Ratio Lower Upper

91 100

92 57.0 39.9 74.1



#48

2-Hexanone

Concen: 1.110 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

Tgt Ion: 43 Resp: 11959

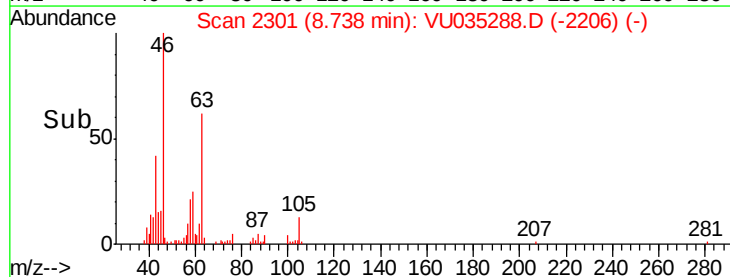
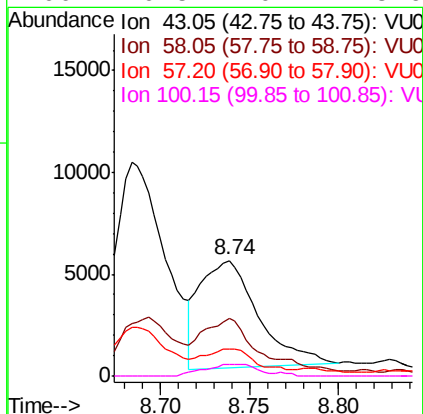
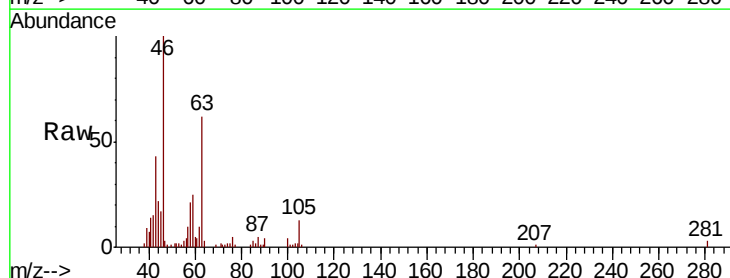
Ion Ratio Lower Upper

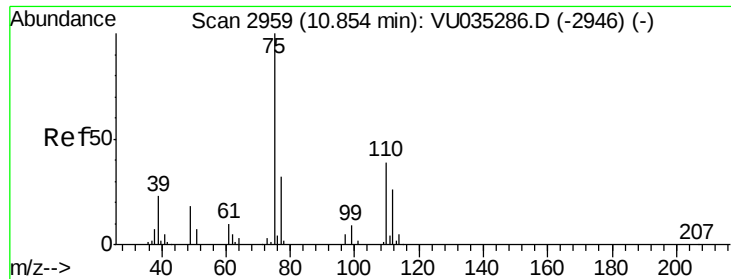
43 100

58 48.3 45.1 67.7

57 24.6 16.0 24.0#

100 10.5 10.4 15.6





#59

1,2,3-Trichloropropane

Concen: 0.946 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035288.D

Acq: 19 Oct 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15000

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2

