

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026188.D
 Acq On : 17 Aug 2018 19:00
 Operator : MD/SY
 Sample : J4515-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 18 01:29:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 01:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	119440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	118467	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	53374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32198	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	28161	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.27	63	49077	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.20	46	99332	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	4.65	84	73752	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.32	65	41186	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.35	84	143982	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.34	67	48301	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.57	98	120905	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.86	79	15688	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.32	63	77992	52.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.70%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	37498	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	48187	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

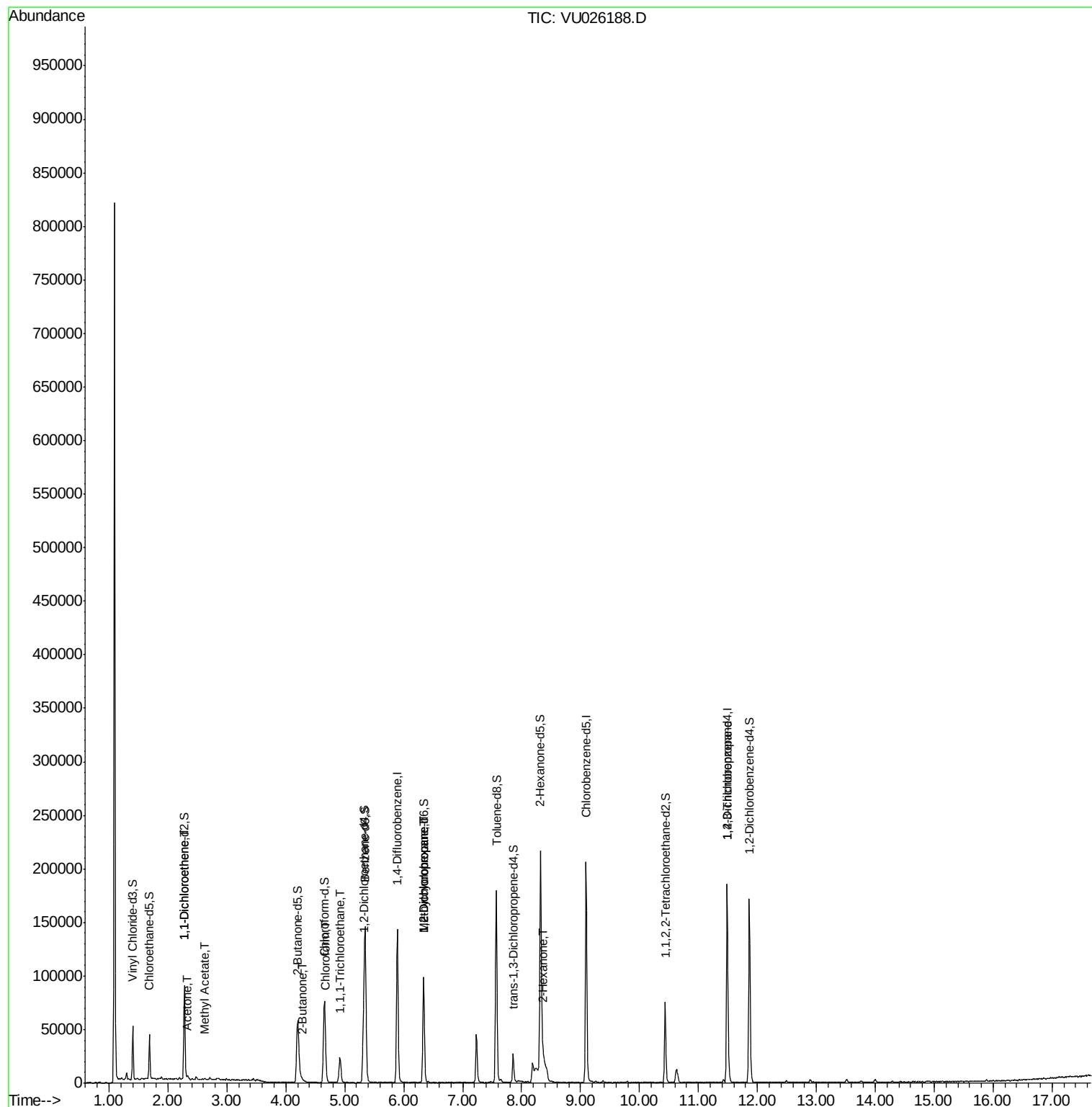
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	1826	0.263	ug/L #	1
13) Acetone	2.32	43	2832	2.374	ug/L	92
15) Methyl Acetate	2.62	43	1457	0.453	ug/L #	71
21) 2-Butanone	4.29	43	1495	0.714	ug/L #	48
25) Chloroform	4.68	83	4253	0.243	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	19073	1.243	ug/L	97
35) Methylcyclohexane	6.34	83	11155	0.813	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5553	0.600	ug/L #	95
48) 2-Hexanone	8.37	43	2758	0.795	ug/L #	84
59) 1,2,3-Trichloropropane	11.49	75	6652	1.190	ug/L	96

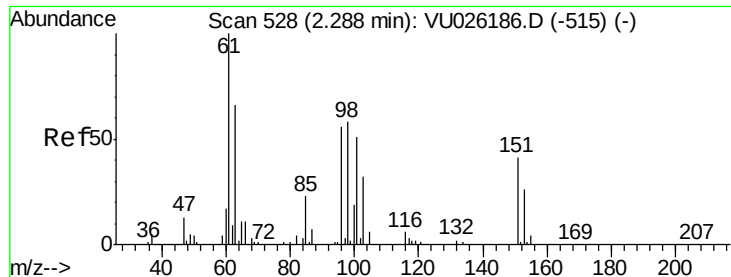
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.263 ug/L

RT: 2.29 min Scan# 528

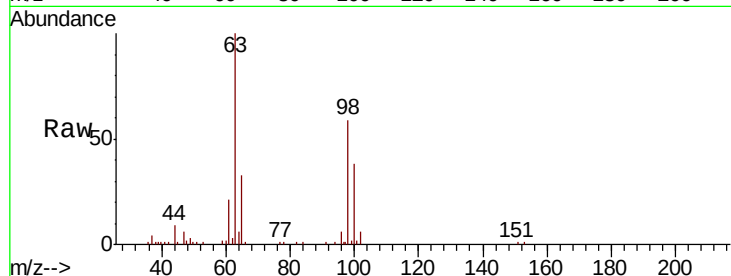
Delta R.T. 0.00 min

Lab File: VU026188.D

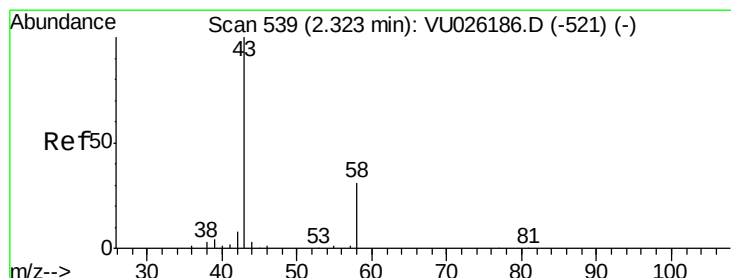
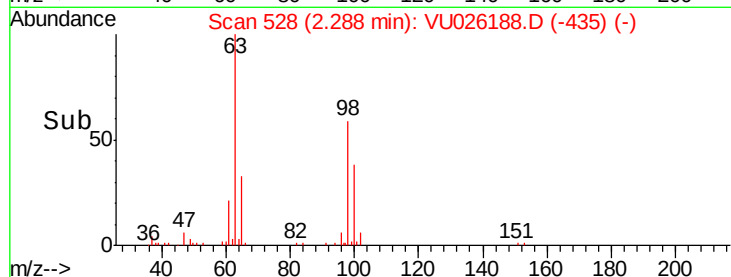
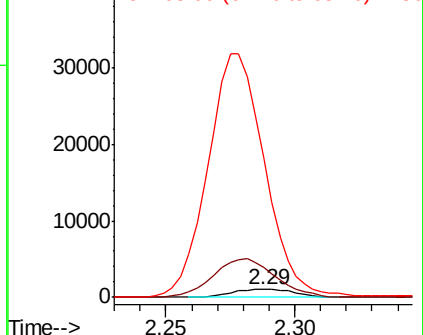
Acq: 17 Aug 2018 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 1826
Ion Ratio Lower Upper
96 100
61 375.8 125.3 232.7#
63 1764.5 90.9 168.9#



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: 2.374 ug/L

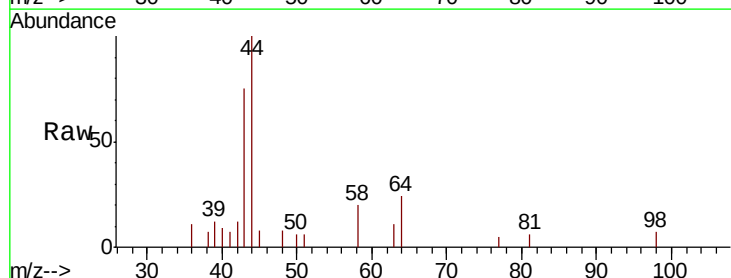
RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

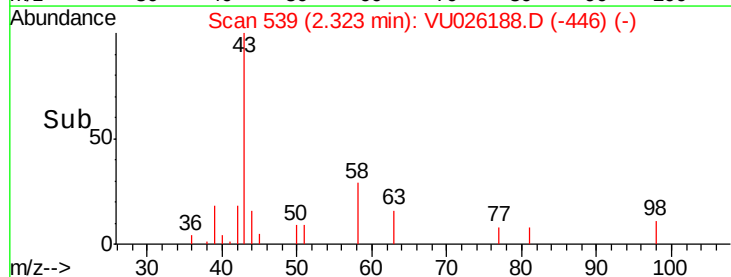
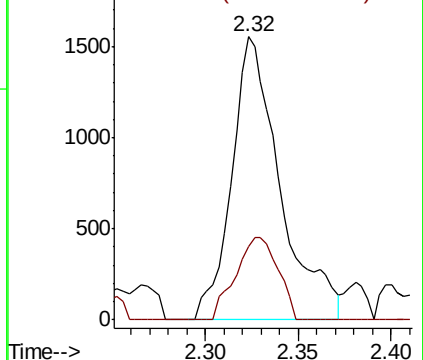
Lab File: VU026188.D

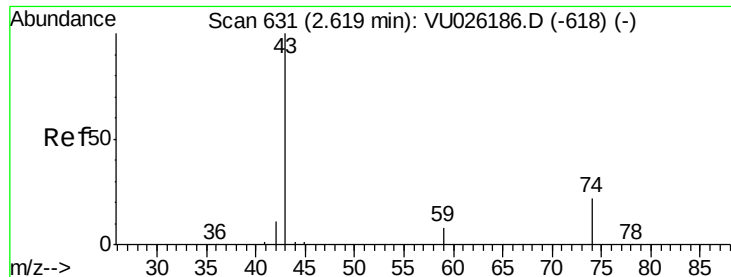
Acq: 17 Aug 2018 19:00

Tgt Ion: 43 Resp: 2832
Ion Ratio Lower Upper
43 100
58 25.4 0.0 59.0



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





#15

Methvl Acetate

Concen: 0.453 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU026188.D

Acq: 17 Aug 2018 19:00

Instrument :

MSVOA_U

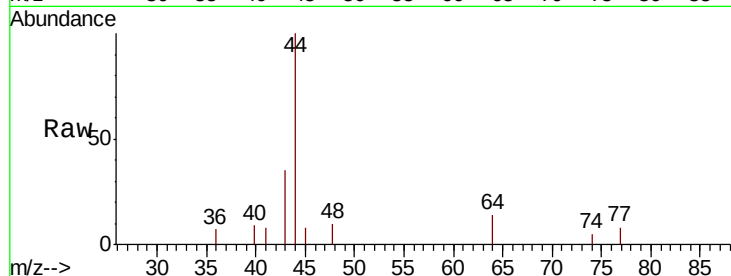
ClientSampleId :

Tot Ion: 43 Resp: 1457

Ion Ratio Lower Upper

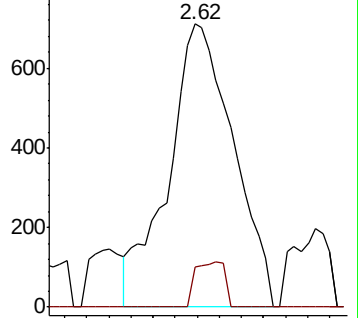
43 100

74 7.1 16.6 24.8#

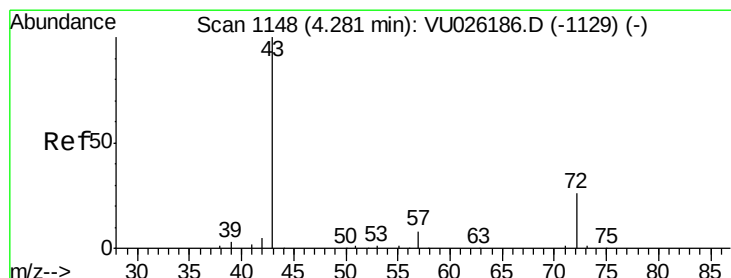
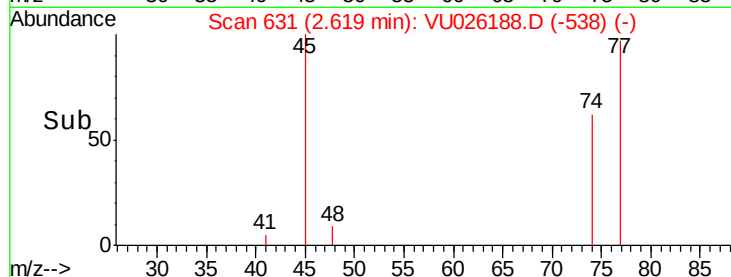


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



Time-->



#21

2-Butanone

Concen: 0.714 ug/L

RT: 4.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VU026188.D

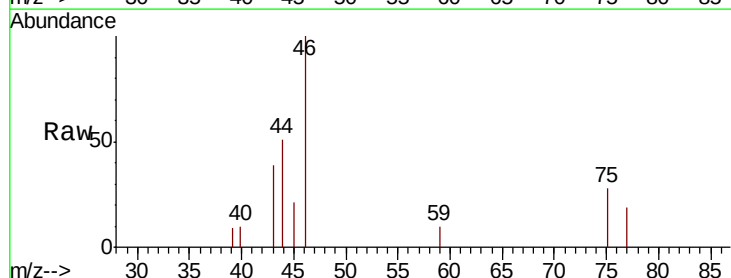
Acq: 17 Aug 2018 19:00

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

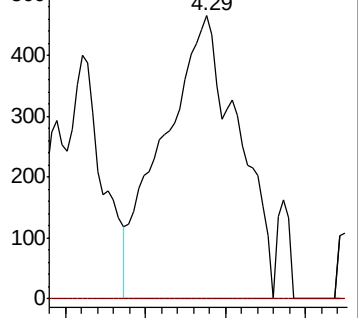
43 100

72 0.0 13.3 39.9#

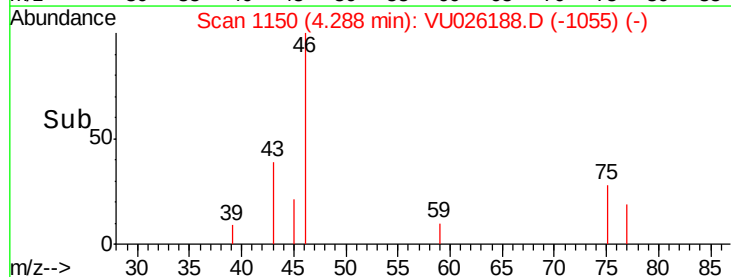


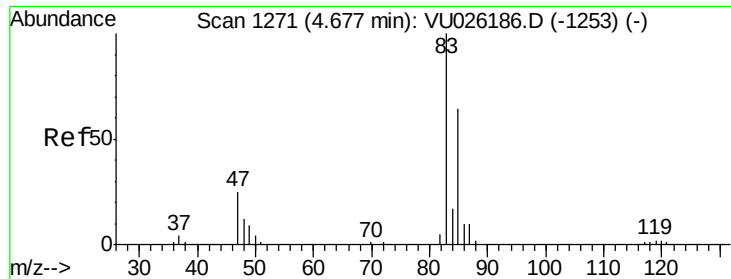
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



Time-->

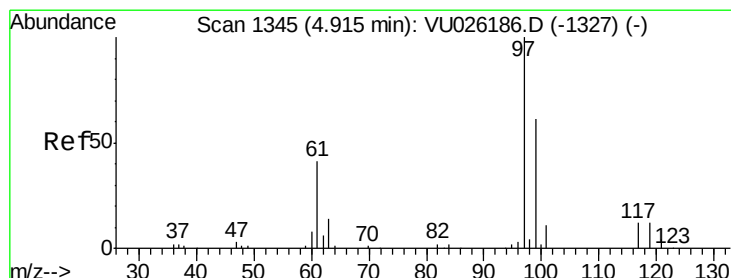
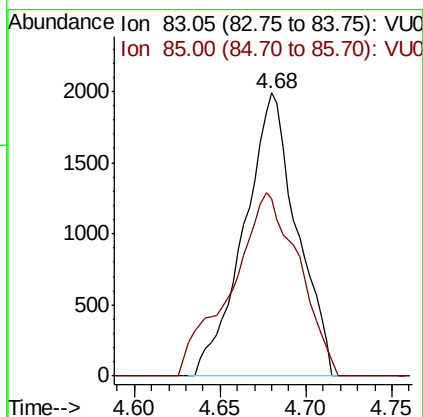
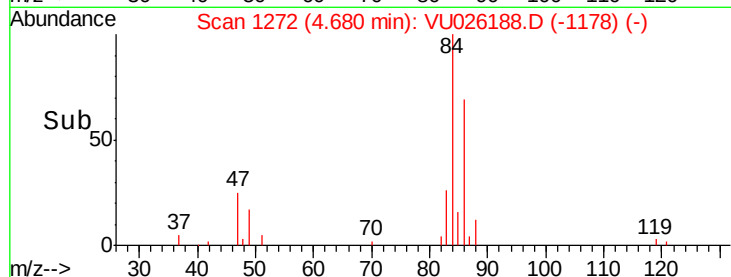
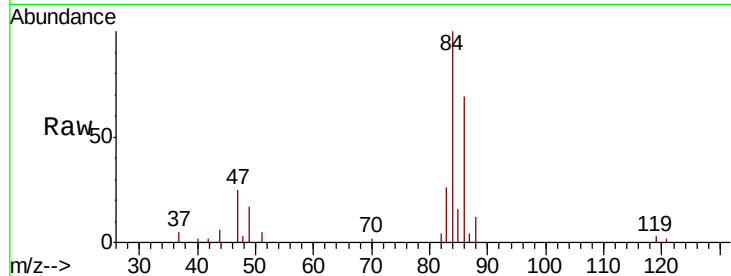




#25
Chloroform
Concen: 0.243 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

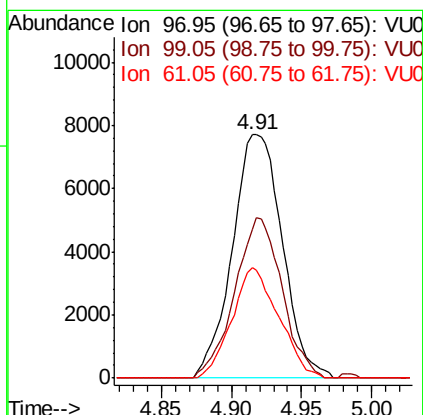
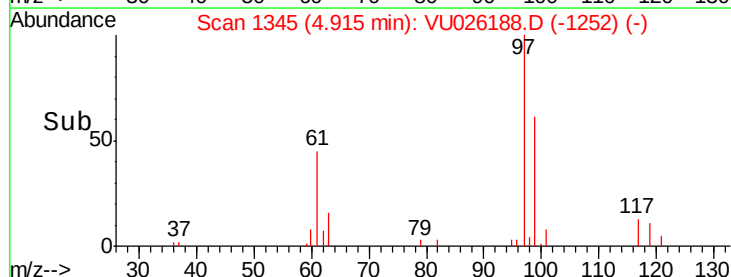
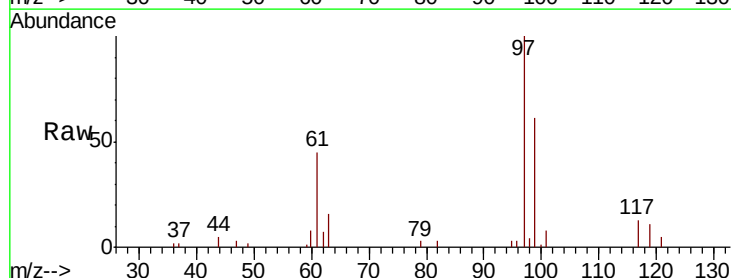
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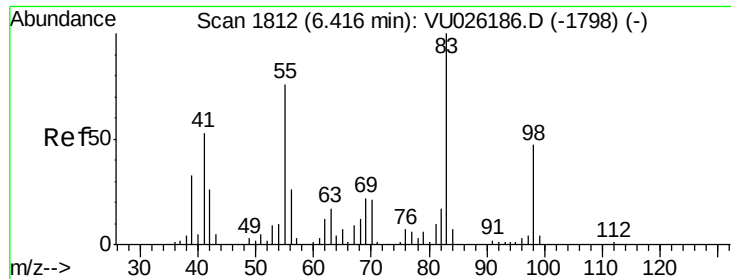
Tot Ion: 83 Resp: 4253
Ion Ratio Lower Upper
83 100
85 62.6 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 1.243 ug/L
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

Tgt Ion: 97 Resp: 19073
Ion Ratio Lower Upper
97 100
99 62.4 52.3 78.5
61 42.5 35.0 52.6

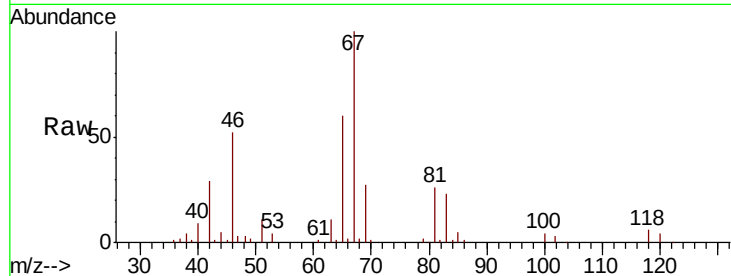




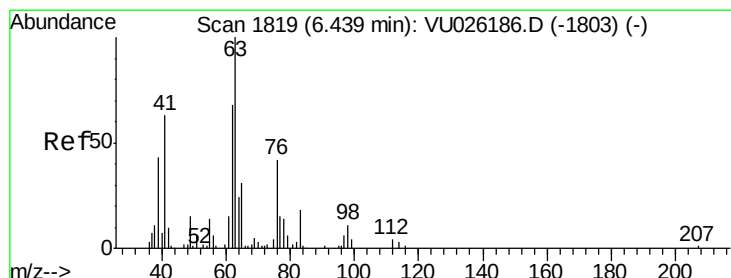
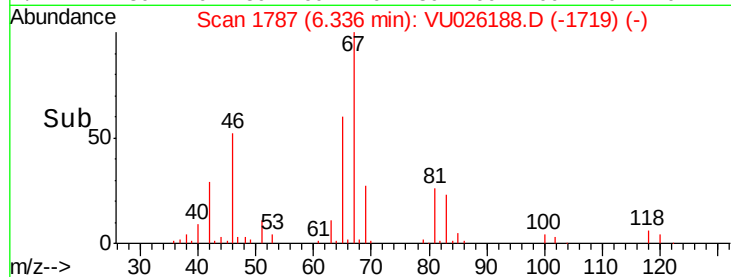
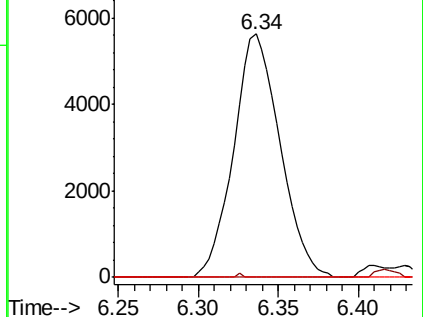
#35
Methylvlcyclohexane
Concen: 0.813 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83.15	Resp	11155
Ion Ratio	Lower	Upper	
83	100		
55	0.2	65.0	97.4#
98	0.0	37.8	56.6#

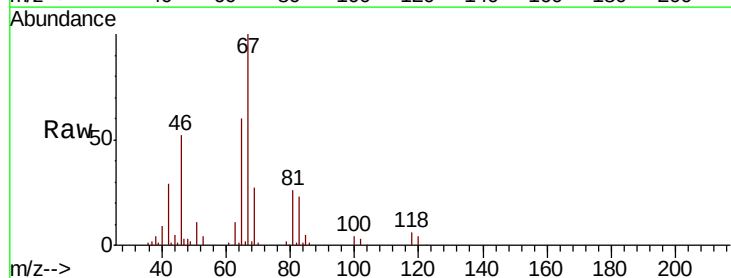


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

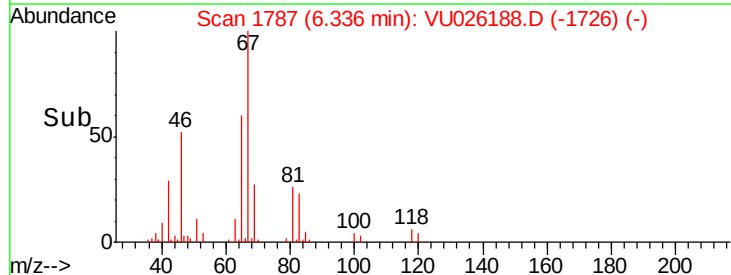
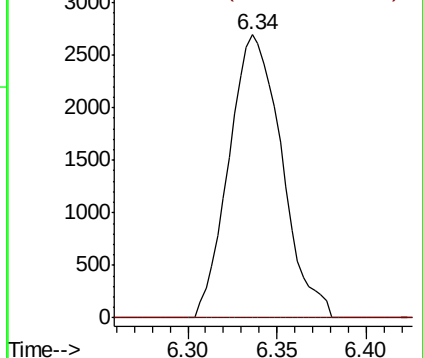


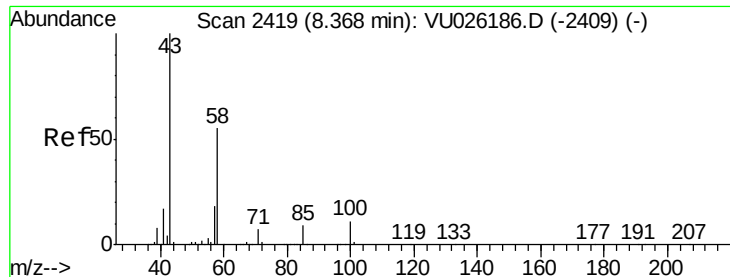
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

Tgt Ion	63	Resp	5553
Ion Ratio	Lower	Upper	
63	100		
112	0.0	1.4	2.2#



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

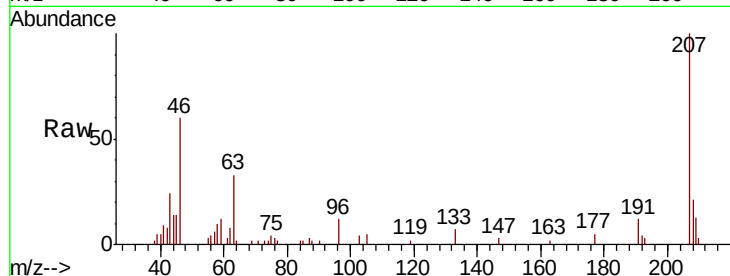




#48
2-Hexanone
Concen: 0.795 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	66.4	43.1	64.7#
57	23.7	15.4	23.0#
100	3.3	9.4	14.0#



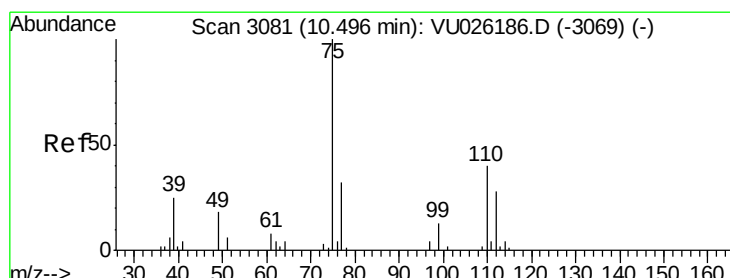
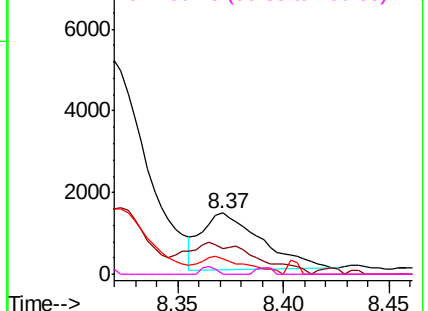
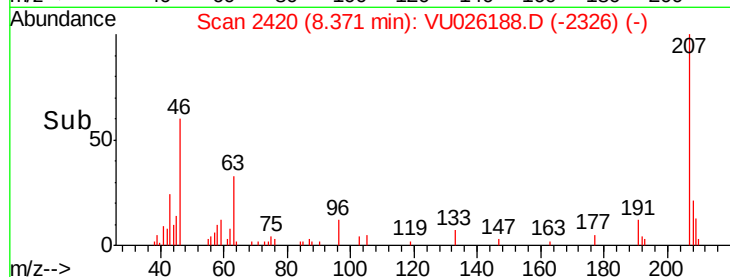
Abundance

Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

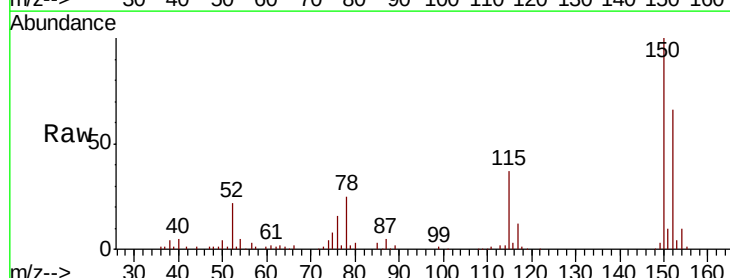
Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026188.D
Acq: 17 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	29.0	43.4



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

