

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026194.D
 Acq On : 17 Aug 2018 21:25
 Operator : MD/SY
 Sample : J4515-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 18 01:30:53 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	125418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34777	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.68	69	28540	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.28	63	52591	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.20	46	103421	54.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.36%
24) Chloroform-d	4.65	84	80754	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.32	65	42946	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.35	84	152023	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.34	67	49740	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.57	98	132516	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.86	79	17173	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.32	63	77086	48.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.98%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	38773	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	56399	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

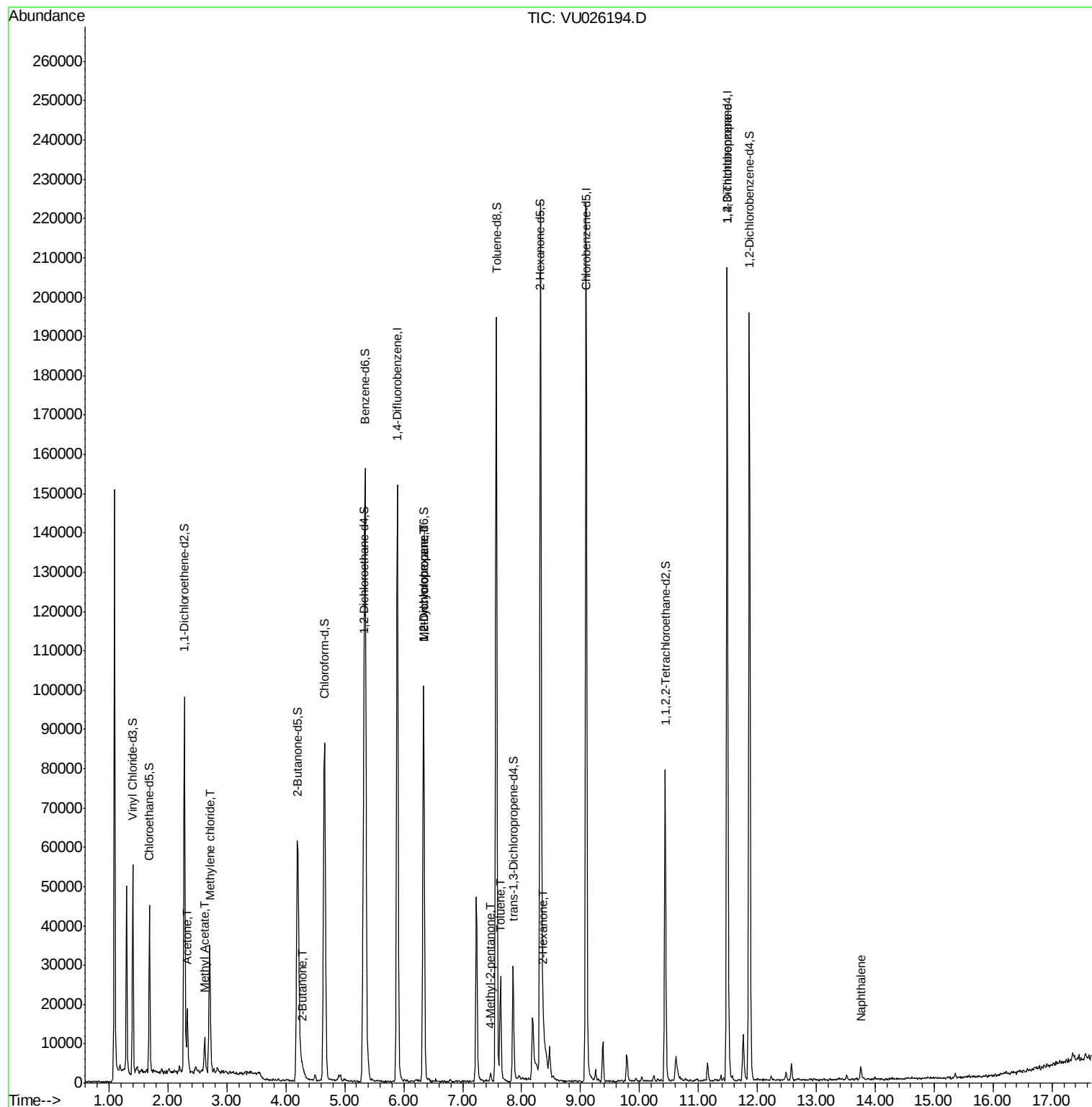
					Ovalue
13) Acetone	2.33	43	17025	13.593	ug/L 99
15) Methyl Acetate	2.62	43	9582	2.837	ug/L 99
16) Methylene chloride	2.71	84	14696	1.700	ug/L 92
21) 2-Butanone	4.29	43	3897	1.773	ug/L 83
35) Methylcyclohexane	6.33	83	11953	0.817	ug/L # 16
37) 1,2-Dichloropropane	6.34	63	5698	0.578	ug/L # 96
40) 4-Methyl-2-pentanone	7.47	43	1700	0.321	ug/L # 80
42) Toluene	7.64	91	19665	0.508	ug/L 100
48) 2-Hexanone	8.37	43	1995	0.540	ug/L # 88
59) 1,2,3-Trichloropropane	11.49	75	6699	1.124	ug/L 96
69) Naphthalene	13.75	128	3325	0.205	ug/L # 85

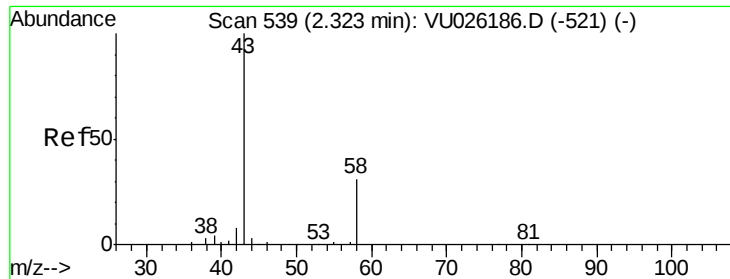
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 13.593 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026194.D

Acq: 17 Aug 2018 21:25

Instrument :

MSVOA_U

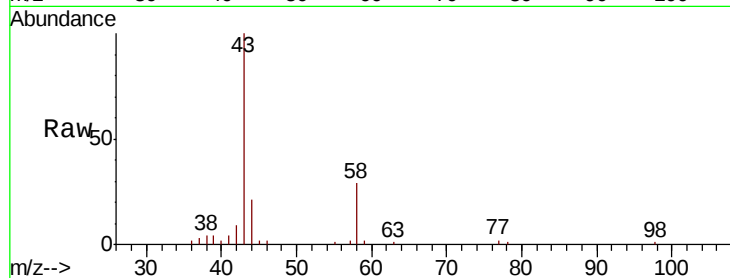
ClientSampleId :

Tot Ion: 43 Resp: 17025

Ion Ratio Lower Upper

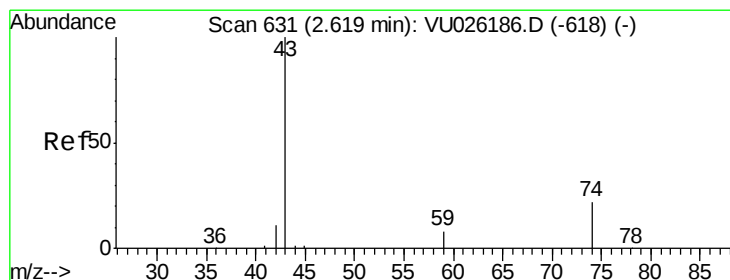
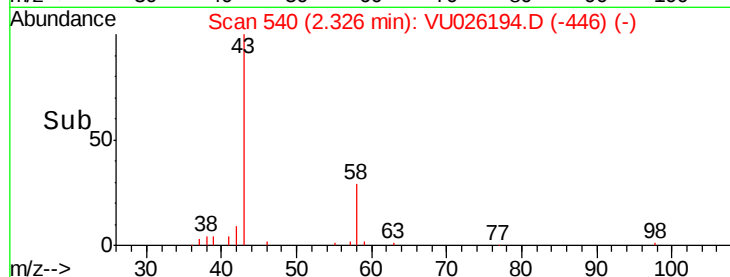
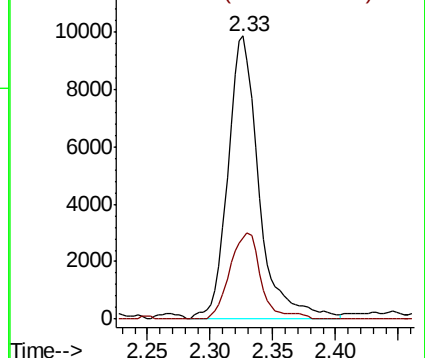
43 100

58 30.3 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 2.837 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU026194.D

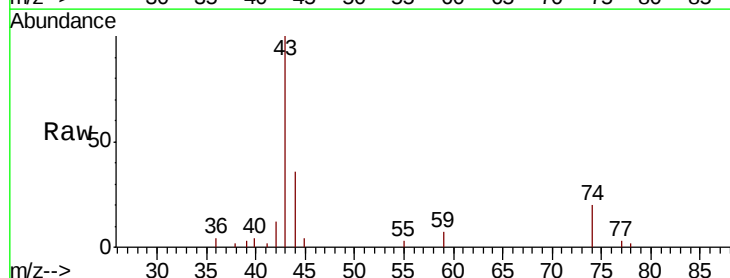
Acq: 17 Aug 2018 21:25

Tgt Ion: 43 Resp: 9582

Ion Ratio Lower Upper

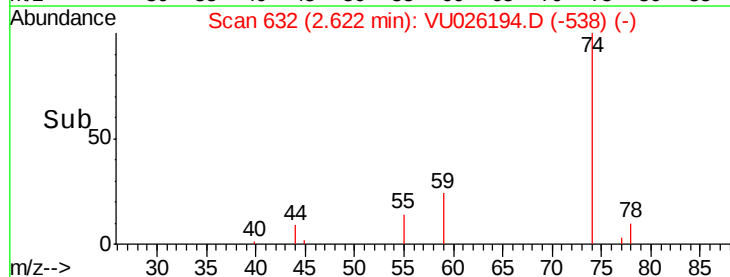
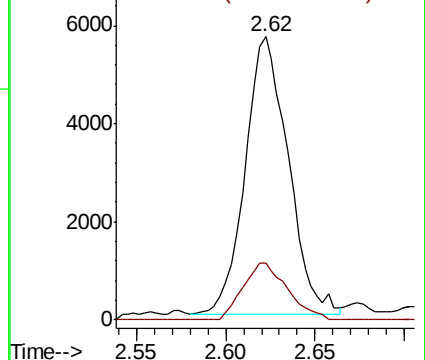
43 100

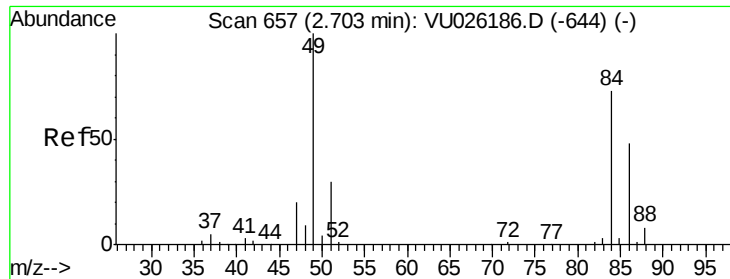
74 21.2 16.6 24.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

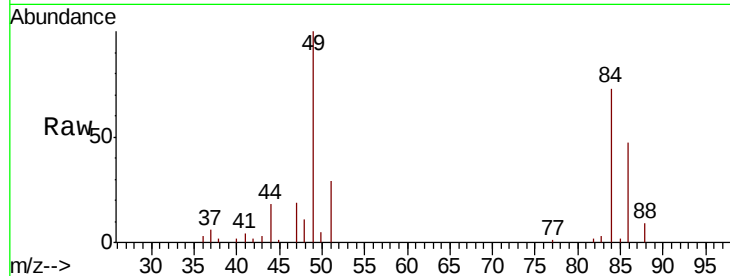




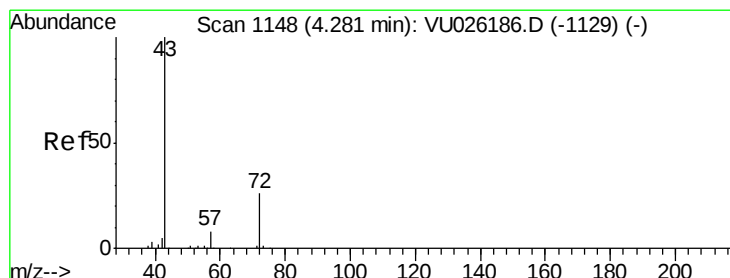
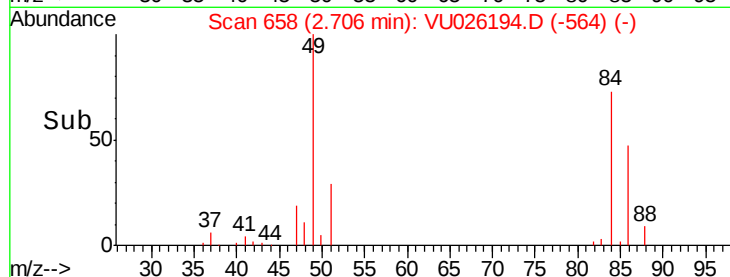
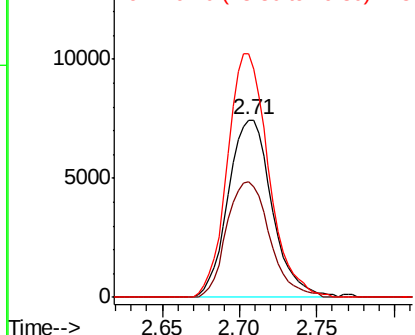
#16
Methvlene chloride
Concen: 1.700 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 14696
Ion Ratio Lower Upper
84 100
86 65.1 48.6 90.2
49 137.4 89.0 165.4

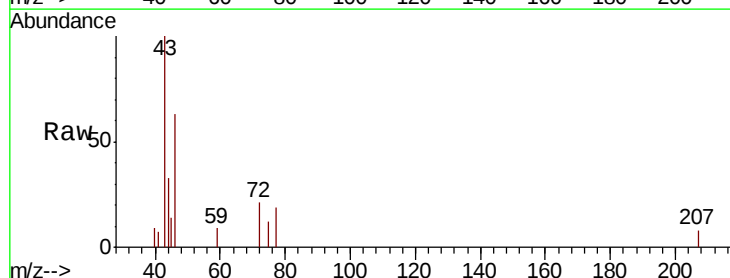


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

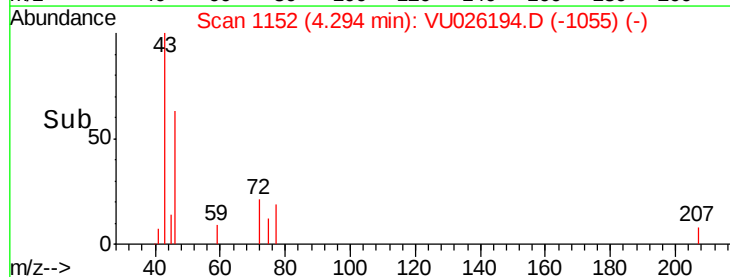
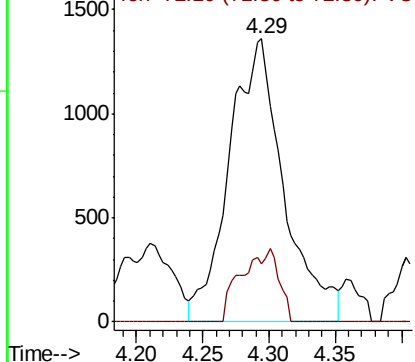


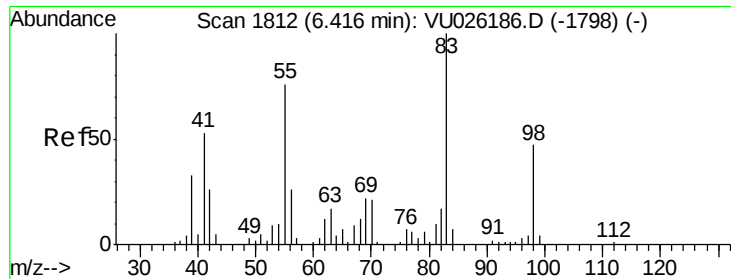
#21
2-Butanone
Concen: 1.773 ug/L
RT: 4.29 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
72 17.7 13.3 39.9



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

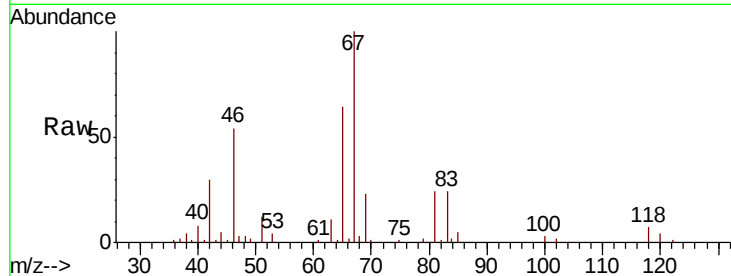




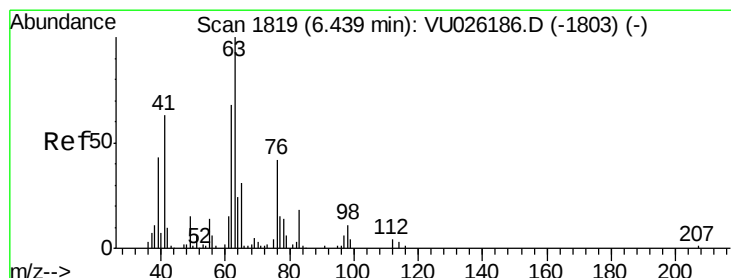
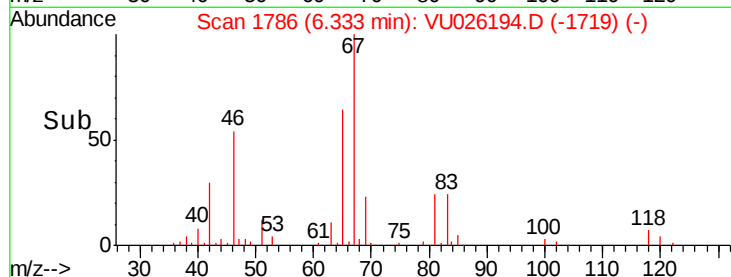
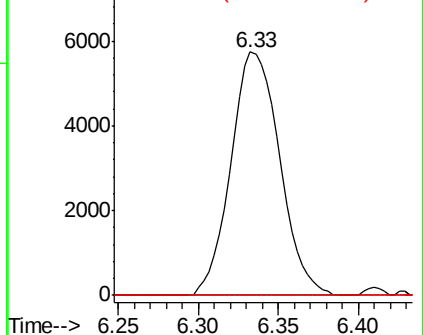
#35
Methvlcvclohexane
Concen: 0.817 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	11953
Ion Ratio	Lower	Upper	
83	100		
55	0.0	65.0	97.4#
98	0.0	37.8	56.6#

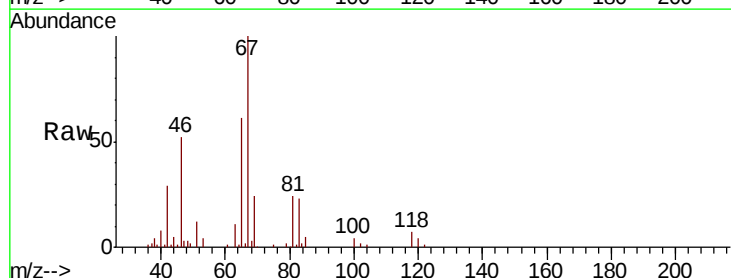


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

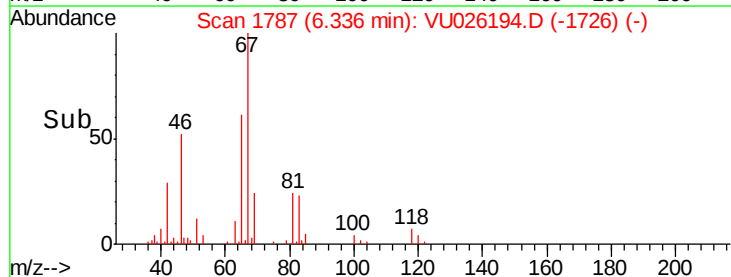
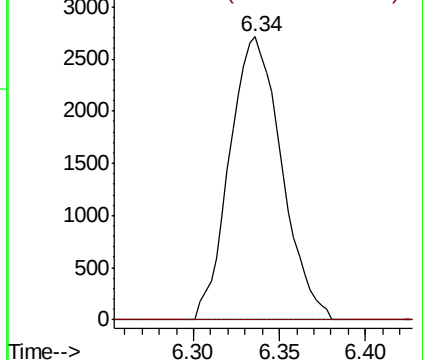


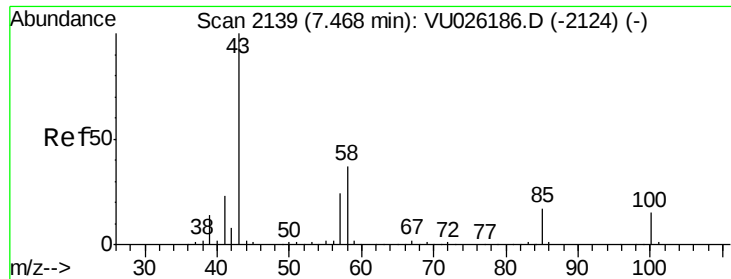
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Tgt Ion	63	Resp	5698
Ion Ratio	Lower	Upper	
63	100		
112	0.4	1.4	2.2#



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

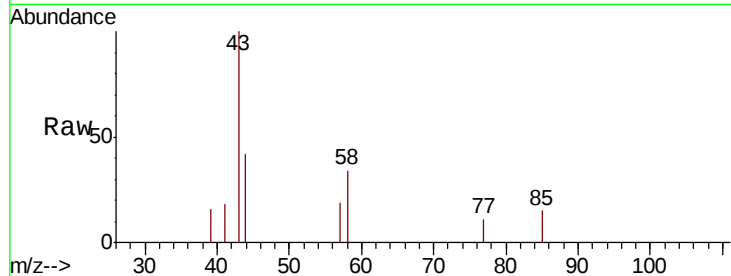




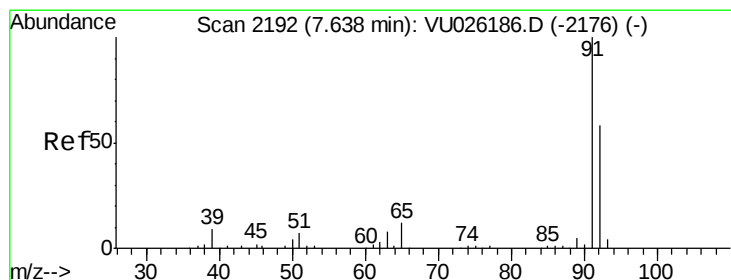
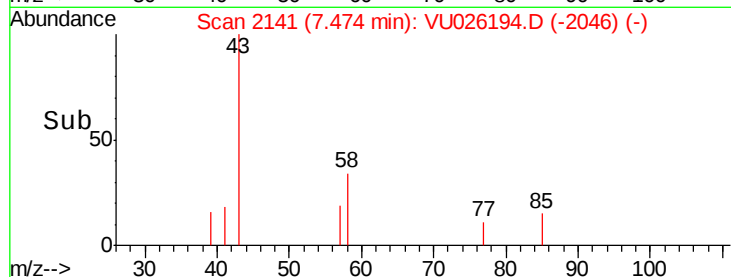
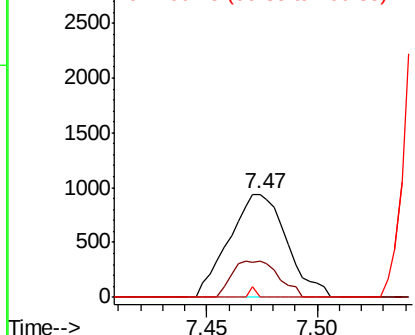
#40
4-Methyl-2-pentanone
Concen: 0.321 ug/L
RT: 7.47 min Scan# 2141
Delta R.T. 0.01 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 28.7 29.8 44.8#
100 0.0 11.6 17.4#

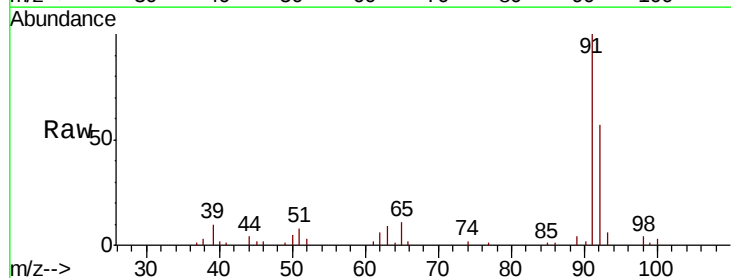


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

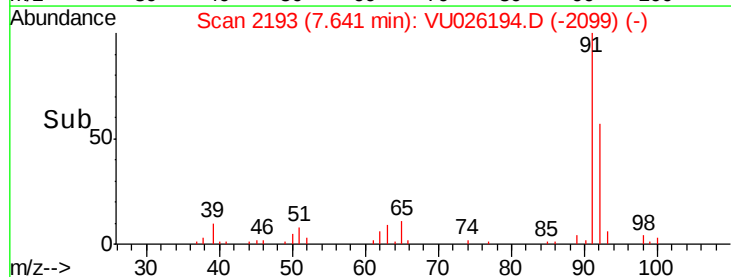
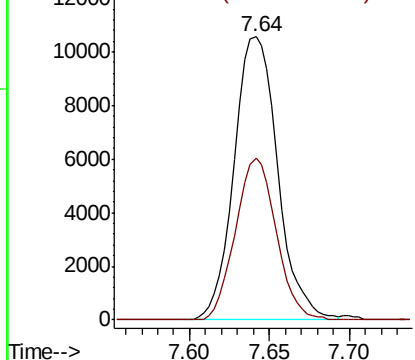


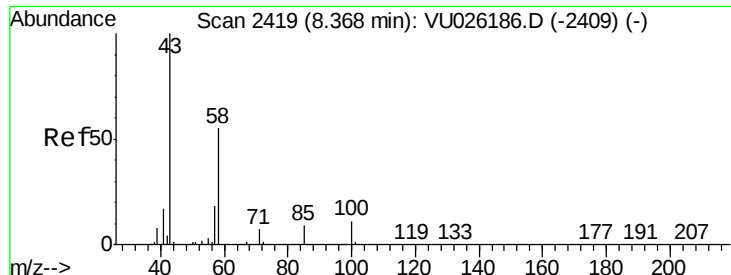
#42
Toluene
Concen: 0.508 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Tgt Ion: 91 Resp: 19665
Ion Ratio Lower Upper
91 100
92 57.1 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

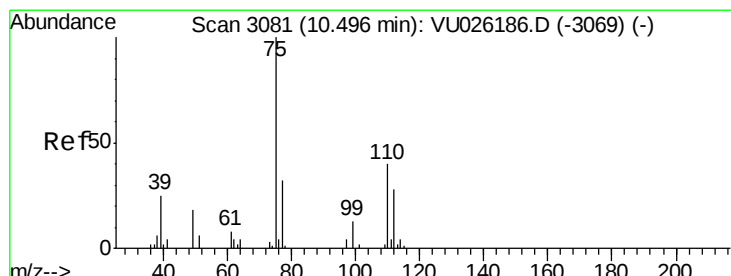
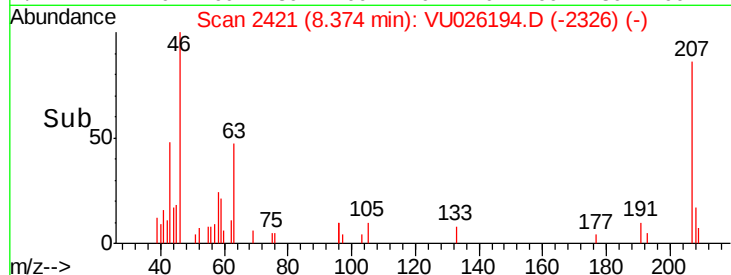
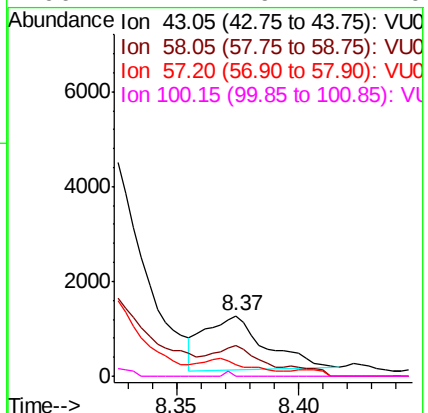
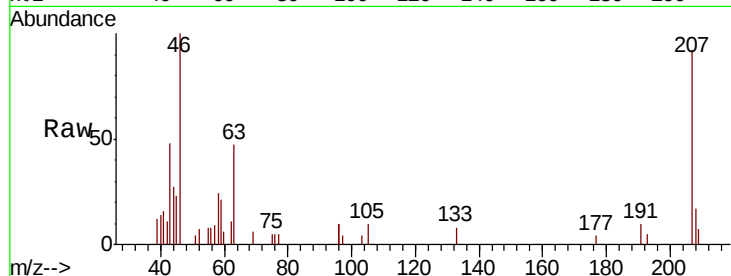




#48
2-Hexanone
Concen: 0.540 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

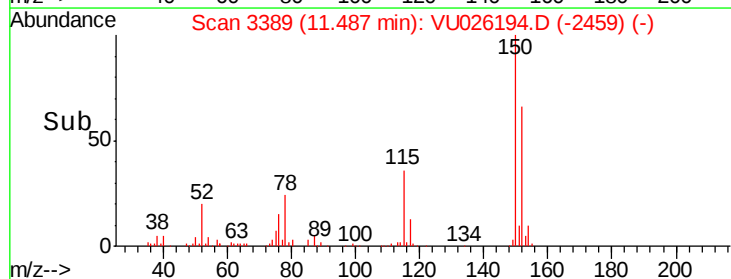
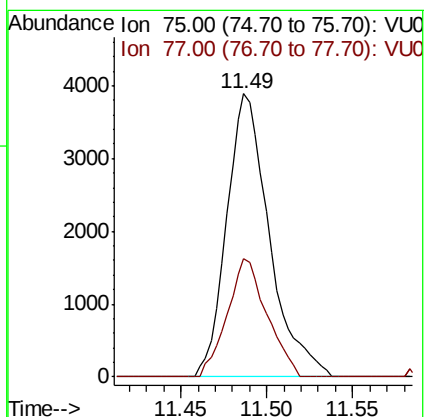
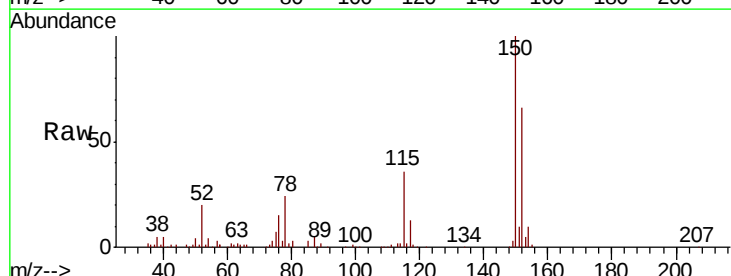
Instrument :
MSVOA_U
ClientSampleId :

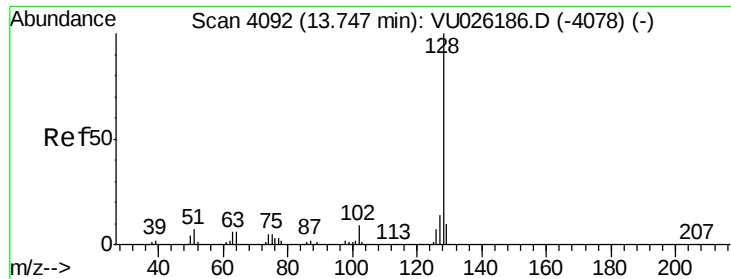
Tot Ion:	43	Resp:	1995
Ion	Ratio	Lower	Upper
43	100		
58	49.1	43.1	64.7
57	27.0	15.4	23.0#
100	1.2	9.4	14.0#



#59
1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026194.D
Acq: 17 Aug 2018 21:25

Tgt Ion:	75	Resp:	6699
Ion	Ratio	Lower	Upper
75	100		
77	38.7	29.0	43.4





#69

Naphthalene

Concen: 0.205 ug/L

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

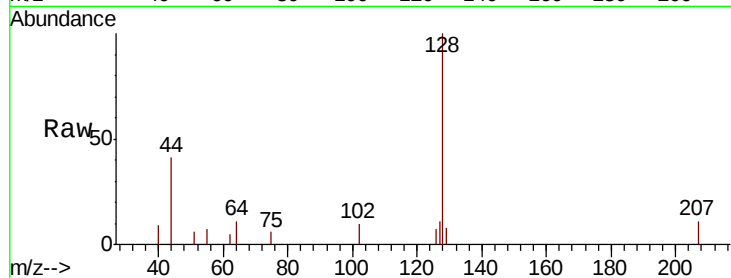
Lab File: VU026194.D

Acq: 17 Aug 2018 21:25

Instrument :

MSVOA_U

ClientSampleId :



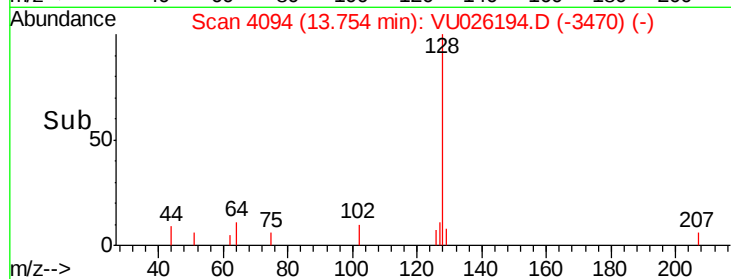
Tot Ion:128 Resp: 3325

Ion Ratio Lower Upper

128 100

129 5.1 8.6 13.0#

127 7.5 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

