

Data File : VU032691.D
Acq On : 13 Jun 2019 13:58
Operator : JC/SP
Sample : K3286-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JQ7

Quant Time: Jun 14 01:30:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	177556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42101	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.10%
7) Chloroethane-d5	1.68	69	36795	39.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.50%
11) 1,1-Dichloroethene-d2	2.27	63	66041	29.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.56%#
21) 2-Butanone-d5	4.17	46	101577	105.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.37%
24) Chloroform-d	4.64	84	96509	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.30	65	66039	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.33	84	186228	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.94%
36) 1,2-Dichloropropane-d6	6.32	67	63277	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.96%
41) Toluene-d8	7.56	98	167788	39.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.76%#
43) trans-1,3-Dichloropropene-	7.85	79	27942	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.31	63	71447	105.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98063	48.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	73187	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%

Target Compounds

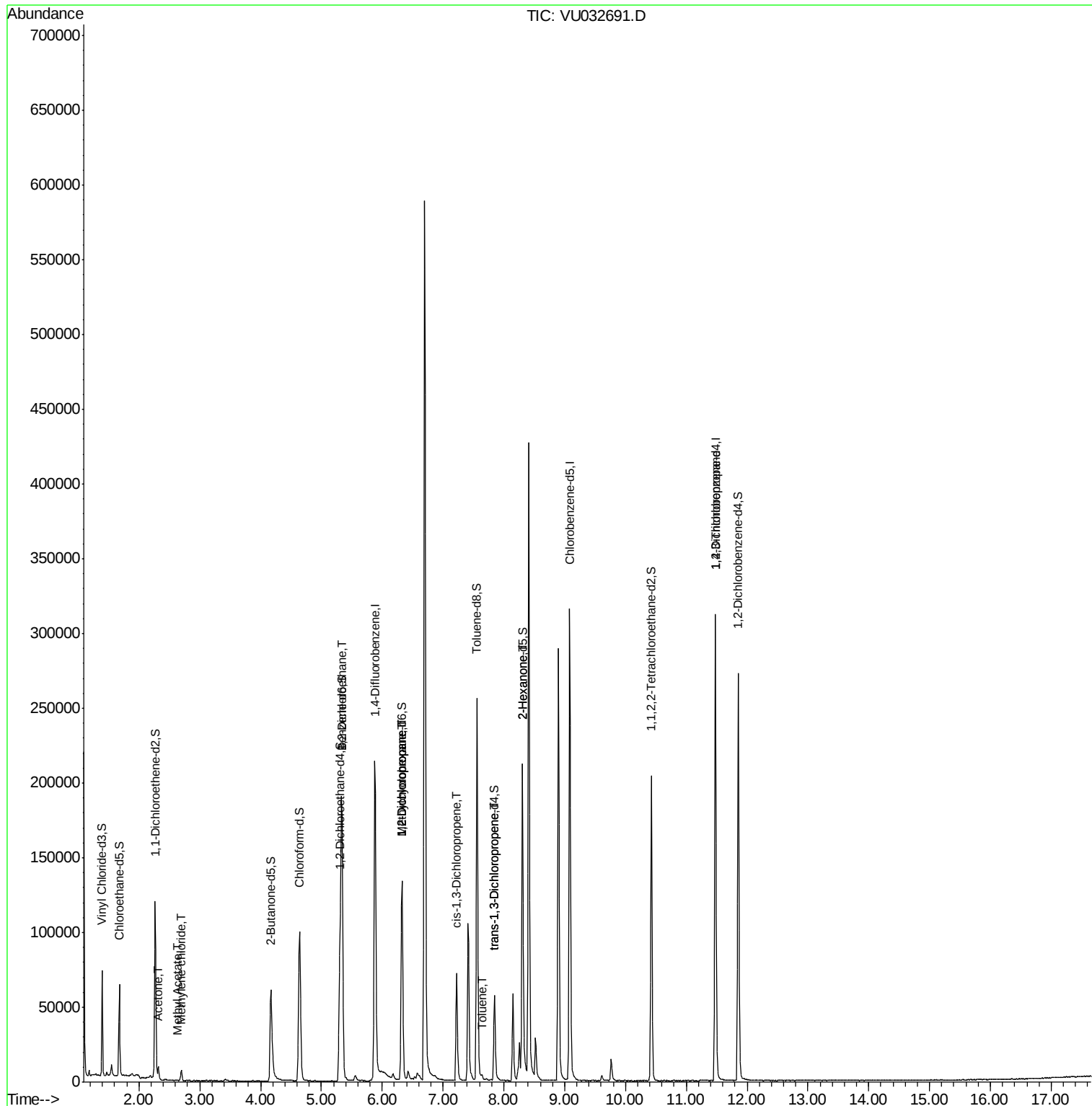
					Qvalue
13) Acetone	2.32	43	8754	8.801	ug/L 99
15) Methyl Acetate	2.62	43	947	0.667	ug/L # 53
16) Methylene chloride	2.69	84	3196	2.659	ug/L 97
27) 1,2-Dichloroethane	5.33	62	1125	0.663	ug/L # 75
35) Methylcyclohexane	6.32	83	14256	6.740	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	7232	5.681	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	1933	0.962	ug/L # 69
42) Toluene	7.64	91	2026	0.385	ug/L 98
44) trans-1,3-Dichloropropene	7.85	75	1346	0.755	ug/L 93
48) 2-Hexanone	8.31	43	12174	7.237	ug/L # 62
59) 1,2,3-Trichloropropane	11.48	75	10126	6.119	ug/L 89

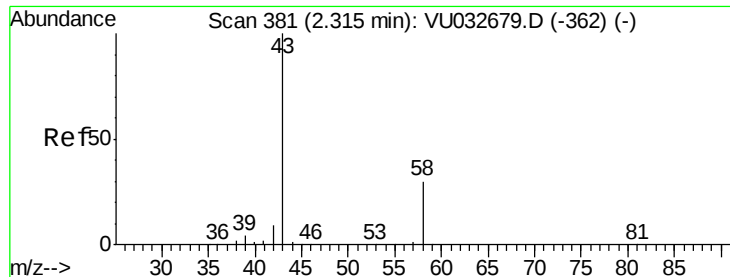
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.801 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032691.D

Acq: 13 Jun 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

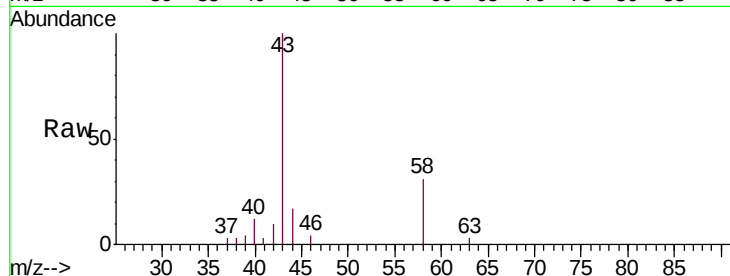
C0JQ7

Tgt Ion: 43 Resp: 8754

Ion Ratio Lower Upper

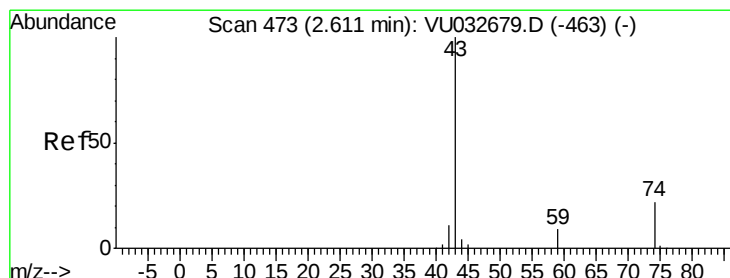
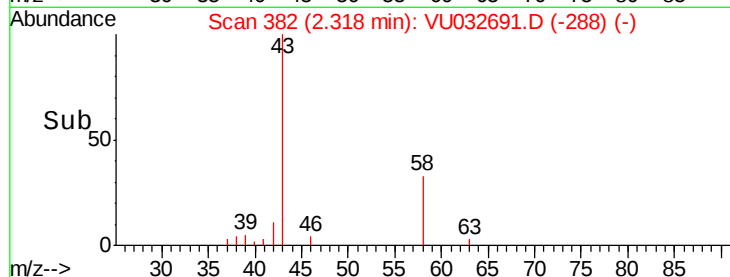
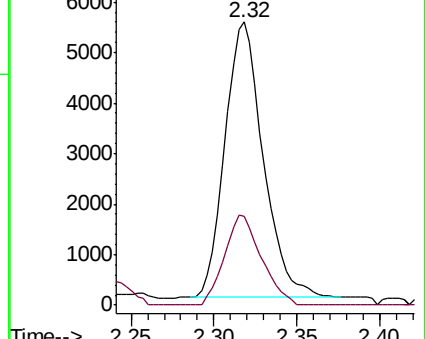
43 100

58 31.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032691.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU032691.D (-382) (-)



#15

Methyl Acetate

Concen: 0.667 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU032691.D

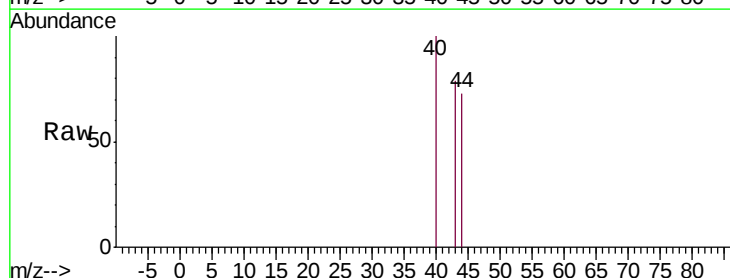
Acq: 13 Jun 2019 13:58

Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

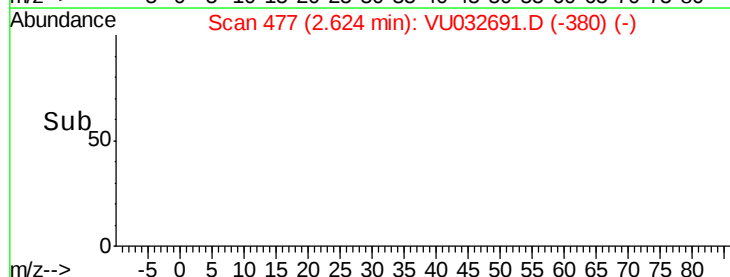
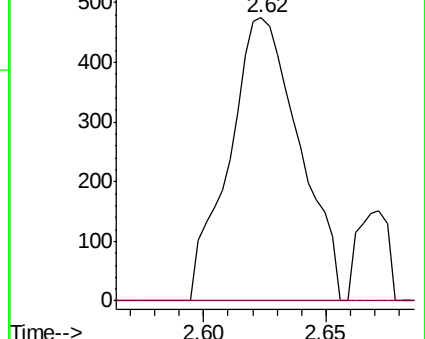
43 100

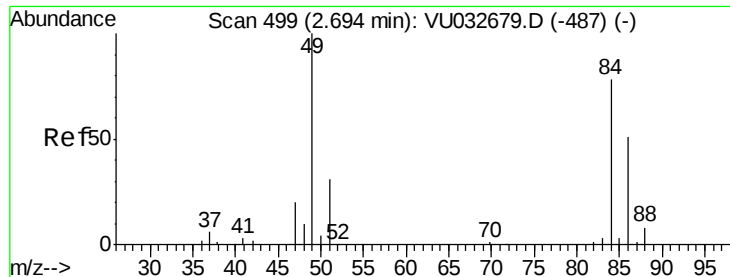
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU032691.D (-477) (-)

Ion 74.00 (73.70 to 74.70): VU032691.D (-477) (-)

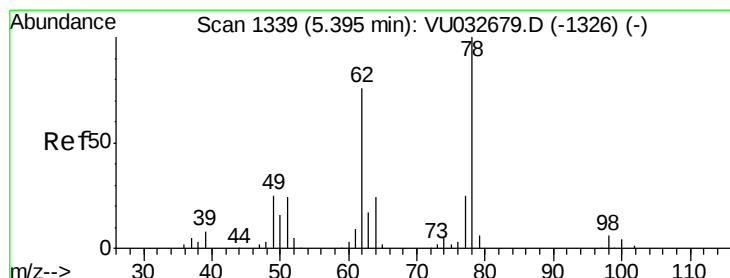
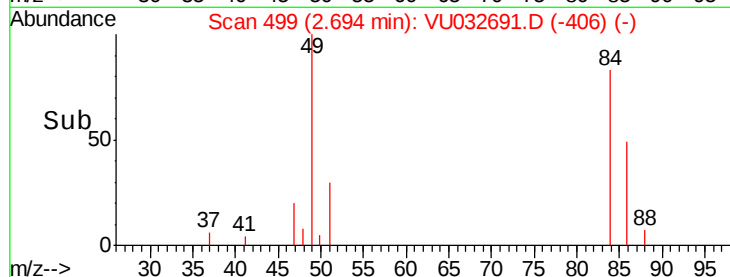
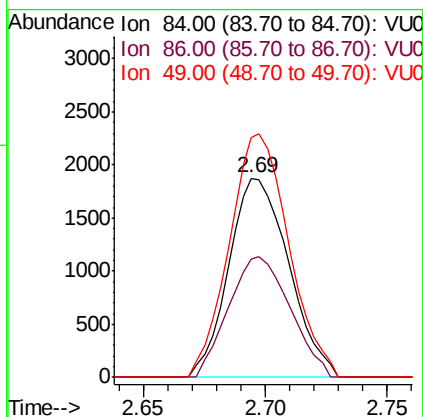
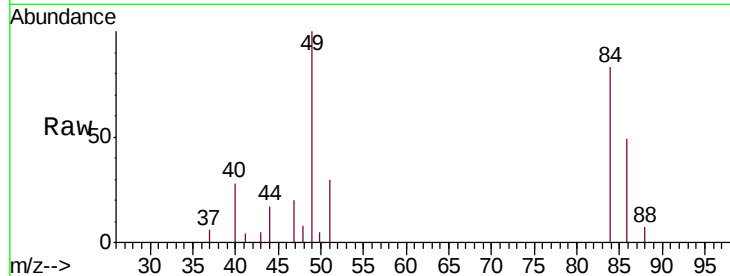




#16
Methylene chloride
Concen: 2.659 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

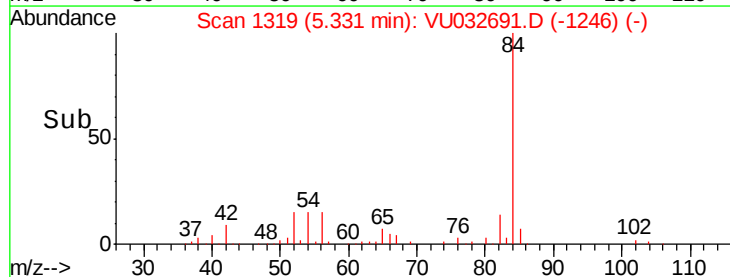
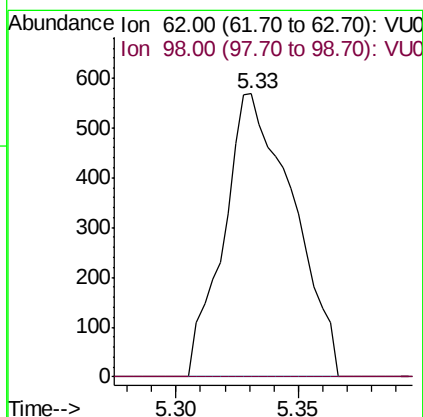
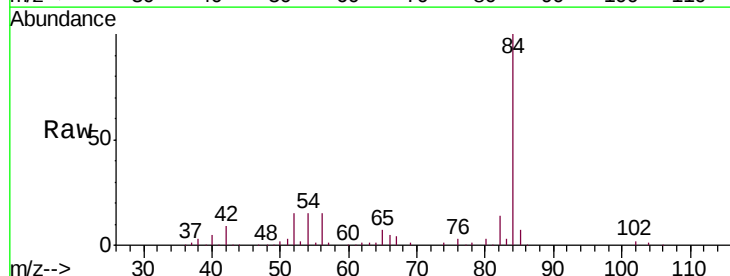
Instrument :
MSVOA_U
ClientSampleId :
C0JQ7

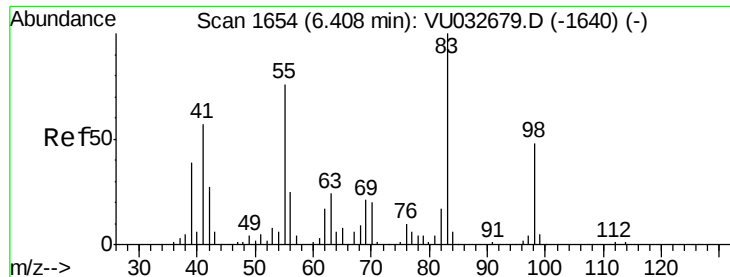
Tgt Ion: 84 Resp: 3196
Ion Ratio Lower Upper
84 100
86 59.7 44.7 82.9
49 120.7 86.1 159.9



#27
1,2-Dichloroethane
Concen: 0.663 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

Tgt Ion: 62 Resp: 1125
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

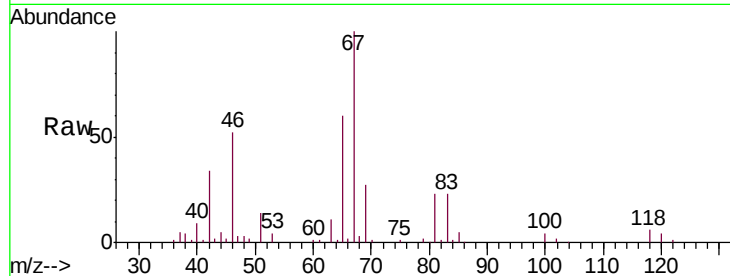




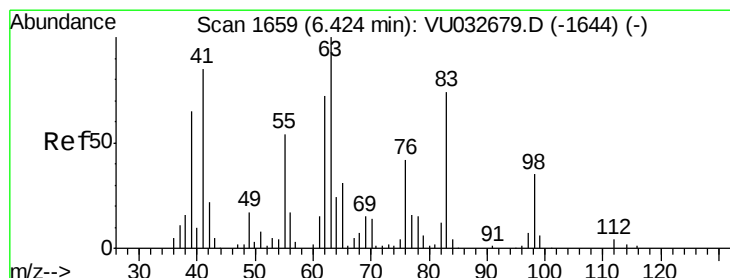
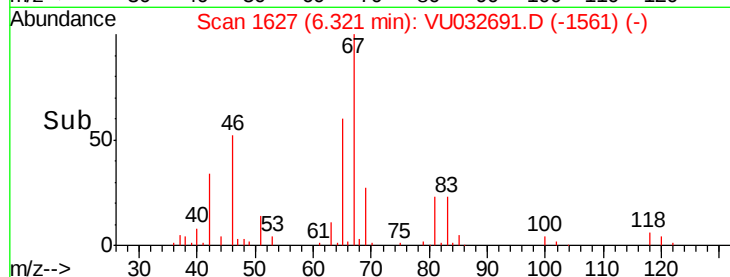
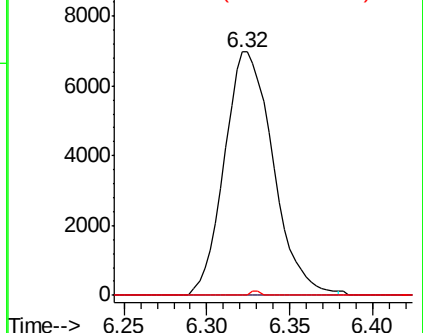
#35
Methylcyclohexane
Concen: 6.740 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

Instrument :
MSVOA_U
ClientSampleId :
C0JQ7

Tgt Ion: 83 Resp: 14256
Ion Ratio Lower Upper
83 100
55 0.8 60.2 90.4#
98 0.3 37.4 56.2#

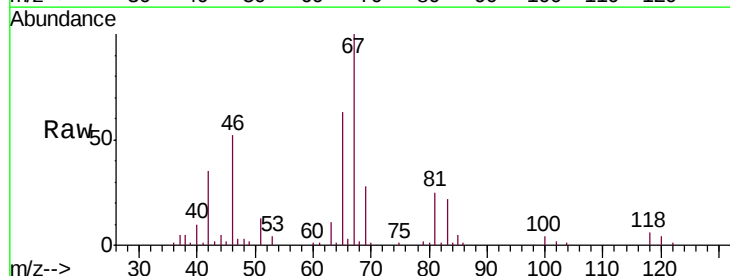


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

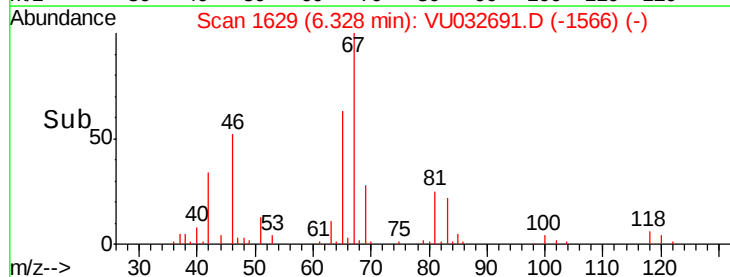
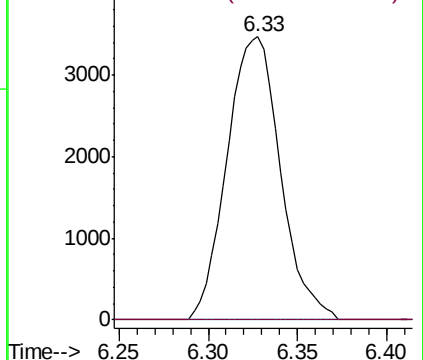


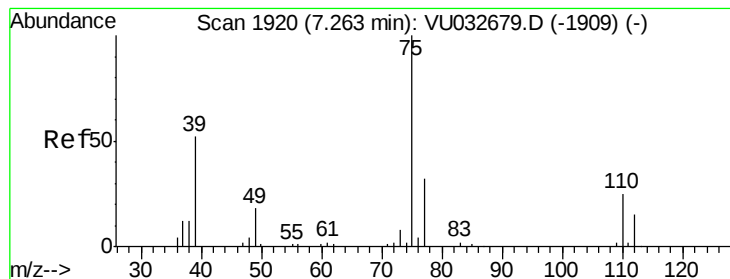
#37
1,2-Dichloropropane
Concen: 5.681 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

Tgt Ion: 63 Resp: 7232
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



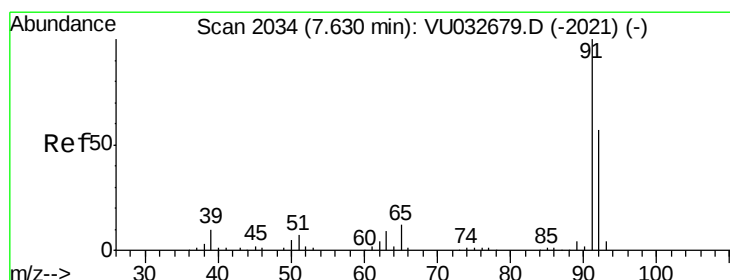
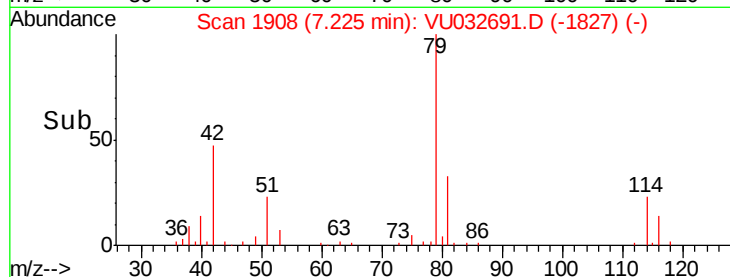
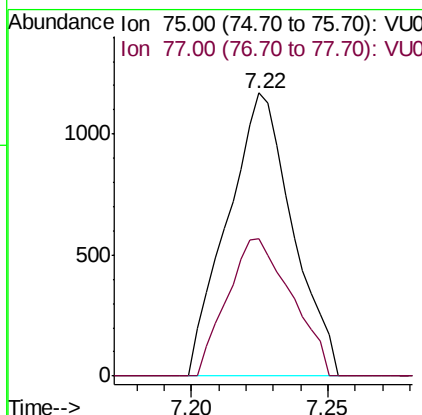
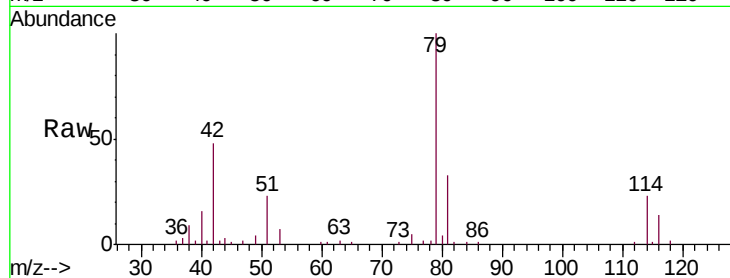


#39

cis-1,3-Dichloropropene
Concen: 0.962 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

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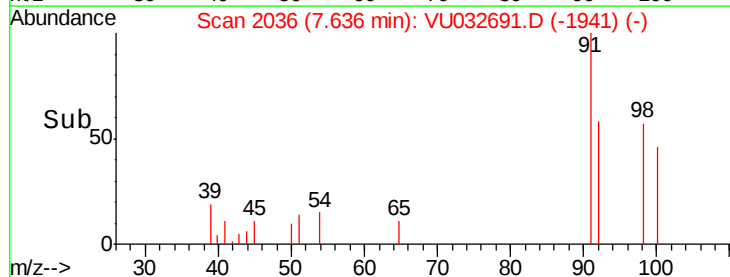
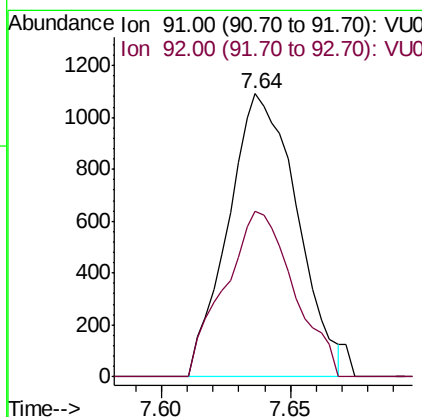
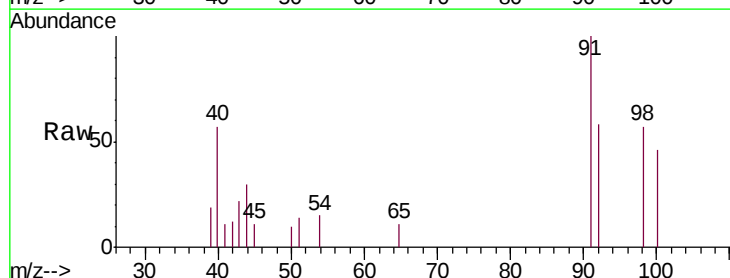
Tgt Ion: 75 Resp: 1933
Ion Ratio Lower Upper
75 100
77 48.5 22.0 41.0#

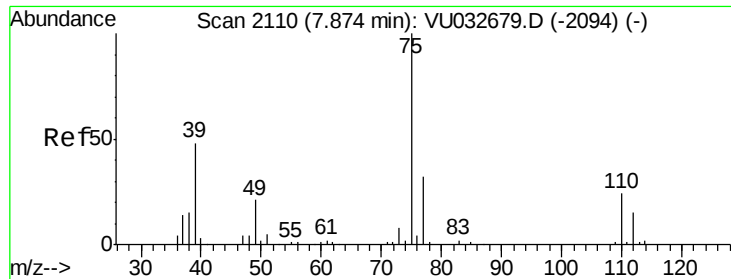


#42

Toluene
Concen: 0.385 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

Tgt Ion: 91 Resp: 2026
Ion Ratio Lower Upper
91 100
92 58.5 39.7 73.7

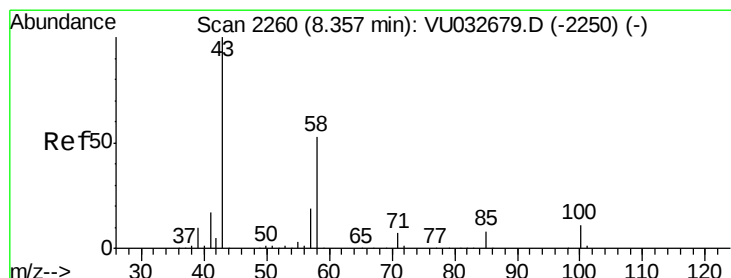
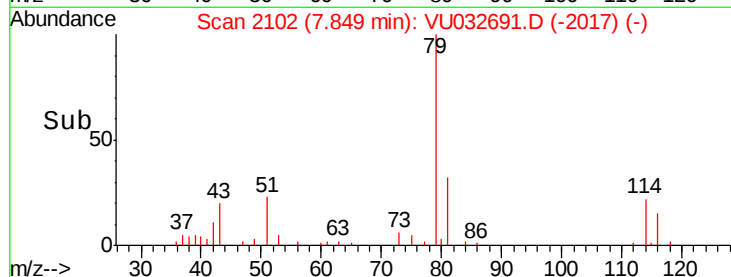
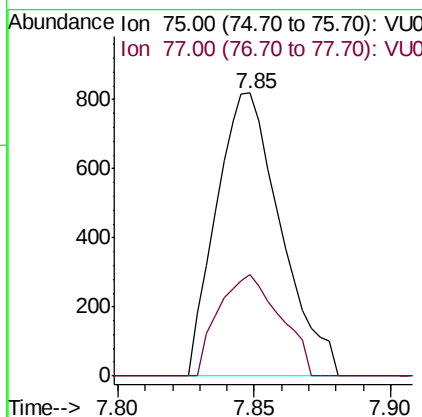
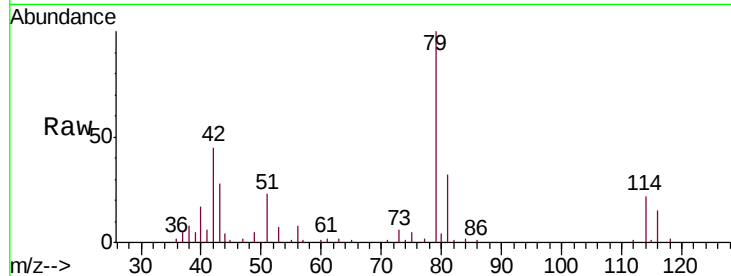




#44
trans-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

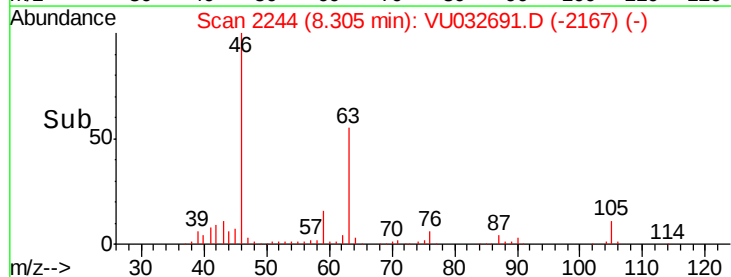
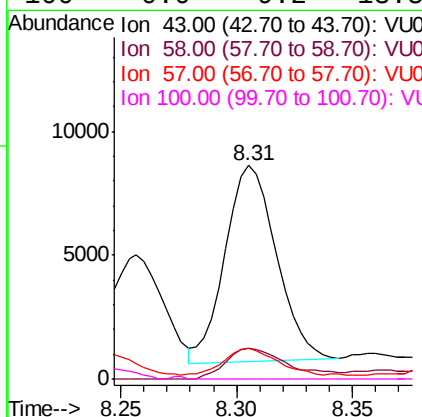
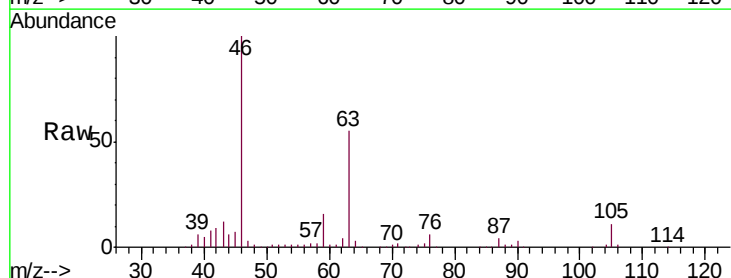
Instrument :
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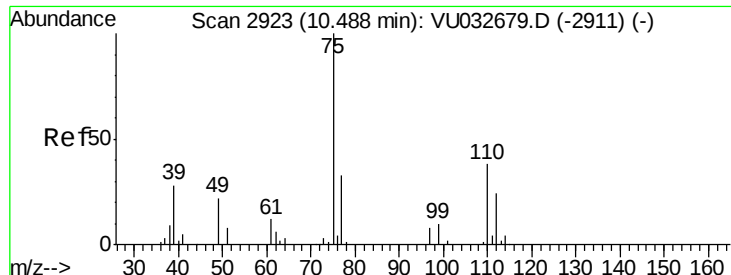
Tgt Ion: 75 Resp: 1346
Ion Ratio Lower Upper
75 100
77 35.7 22.1 41.1



#48
2-Hexanone
Concen: 7.237 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032691.D
Acq: 13 Jun 2019 13:58

Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
58 17.1 42.0 63.0#
57 14.5 14.6 22.0#
100 0.0 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.119 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032691.D
 Acq: 13 Jun 2019 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ7

Tgt Ion: 75 Resp: 10126
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.6 38.4

