

Data File : VU032693.D
Acq On : 13 Jun 2019 14:44
Operator : JC/SP
Sample : K3286-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS7

Quant Time: Jun 14 01:30:35 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	178842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170955	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42348	36.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.00%
7) Chloroethane-d5	1.68	69	37287	39.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.98%
11) 1,1-Dichloroethene-d2	2.27	63	66205	29.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.28%#
21) 2-Butanone-d5	4.17	46	105485	108.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.63%
24) Chloroform-d	4.64	84	96775	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.30	65	65756	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.33	84	182946	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.32	67	62458	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.56	98	167104	39.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.42%#
43) trans-1,3-Dichloropropene-	7.85	79	28435	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.31	63	77231	114.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98803	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	74258	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%

Target Compounds

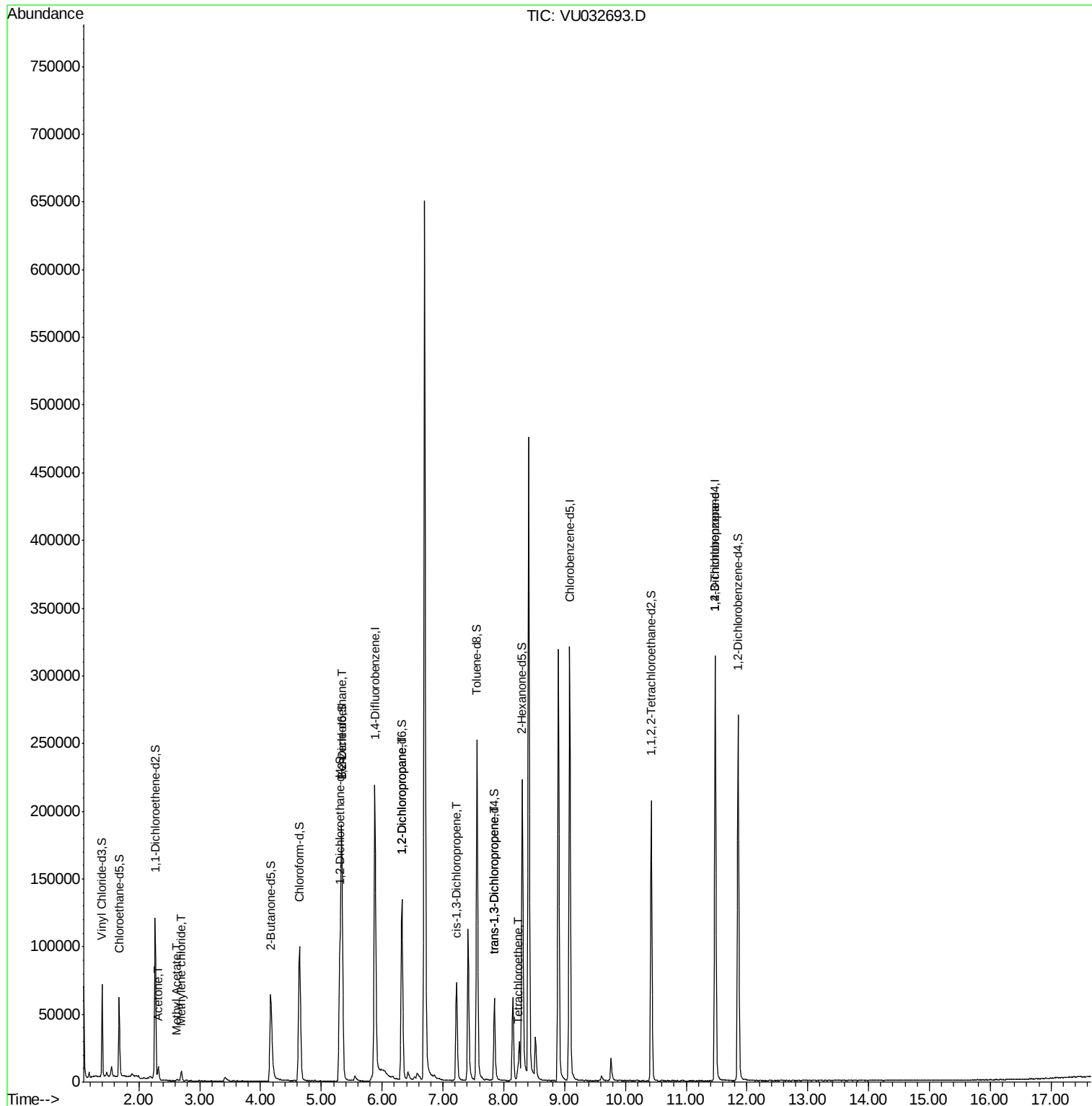
					Qvalue
13) Acetone	2.32	43	9399	9.381	ug/L 98
15) Methyl Acetate	2.62	43	1276	0.892	ug/L # 65
16) Methylene chloride	2.70	84	3130	2.585	ug/L 94
27) 1,2-Dichloroethane	5.33	62	1244	0.727	ug/L # 75
37) 1,2-Dichloropropane	6.32	63	6987	5.487	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	2082	1.036	ug/L # 80
44) trans-1,3-Dichloropropene	7.85	75	1365	0.766	ug/L # 72
46) Tetrachloroethene	8.22	164	578	0.536	ug/L 89
59) 1,2,3-Trichloropropane	11.48	75	10551	6.374	ug/L 96

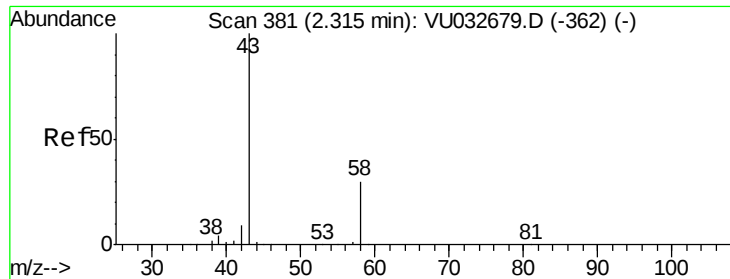
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.381 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032693.D

Acq: 13 Jun 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

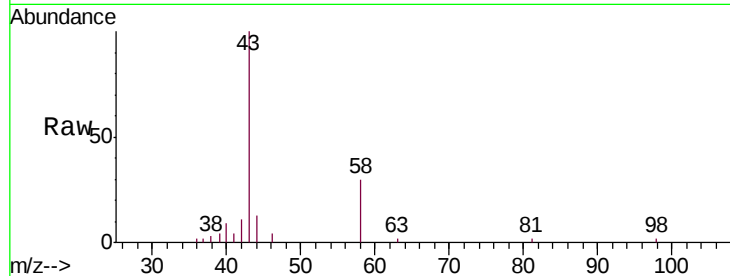
C0JS7

Tgt Ion: 43 Resp: 9399

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032679.D (-362) (-)

2.32

6000

4000

2000

0

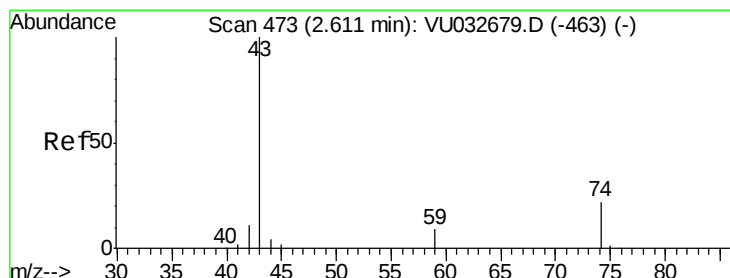
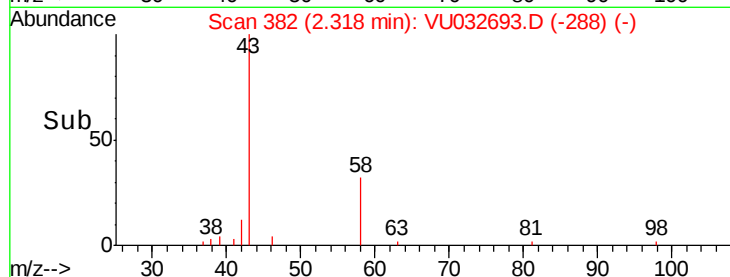
Time-->

2.25

2.30

2.35

2.40



#15

Methyl Acetate

Concen: 0.892 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032693.D

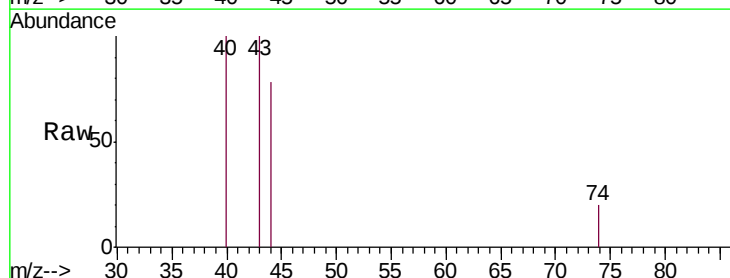
Acq: 13 Jun 2019 14:44

Tgt Ion: 43 Resp: 1276

Ion Ratio Lower Upper

43 100

74 5.9 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-463) (-)

Ion 74.00 (73.70 to 74.70): VU032679.D (-463) (-)

2.62

800

600

400

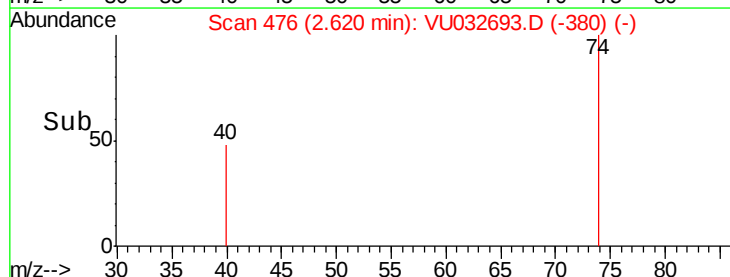
200

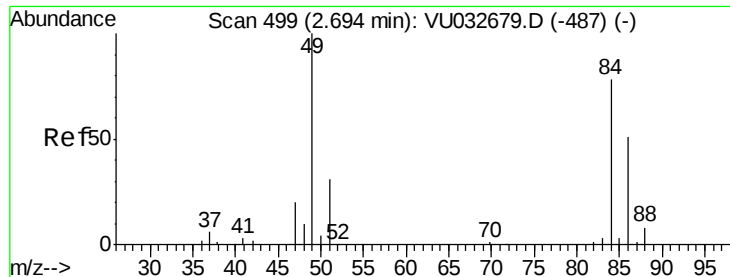
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Time-->

2.60

2.65

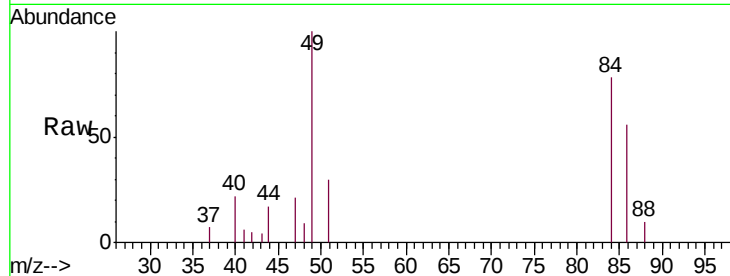




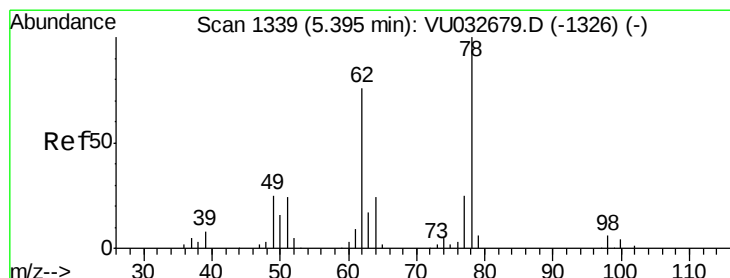
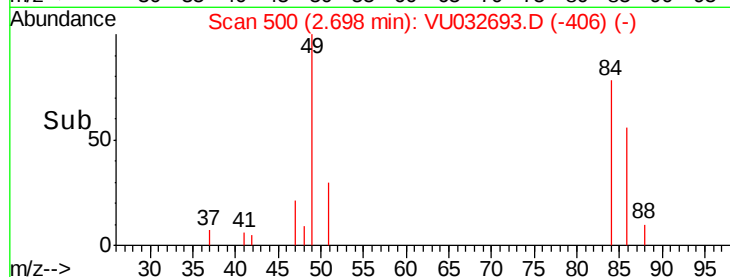
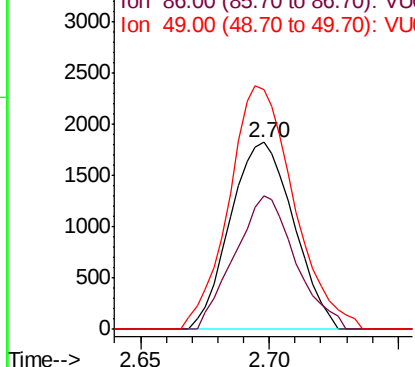
#16
Methylene chloride
Concen: 2.585 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032693.D
Acq: 13 Jun 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
C0JS7

Tgt Ion: 84 Resp: 3130
Ion Ratio Lower Upper
84 100
86 71.7 44.7 82.9
49 128.2 86.1 159.9

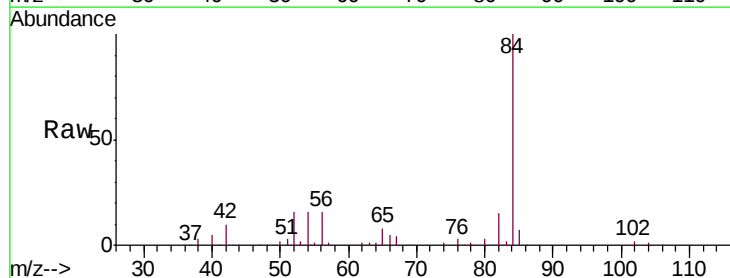


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

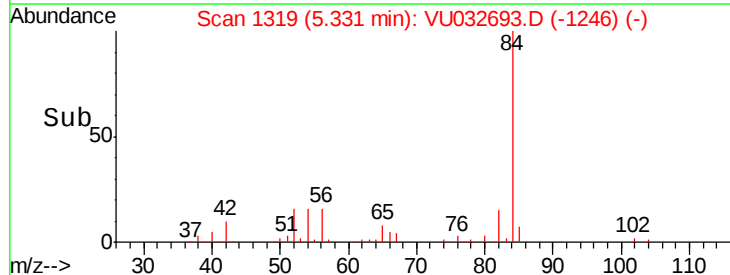
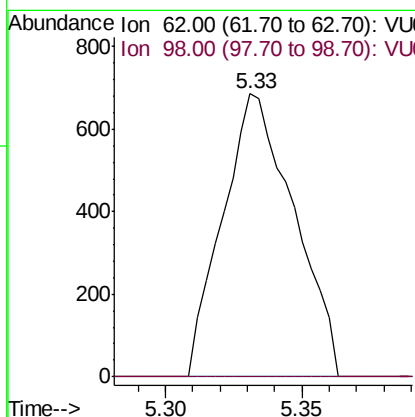


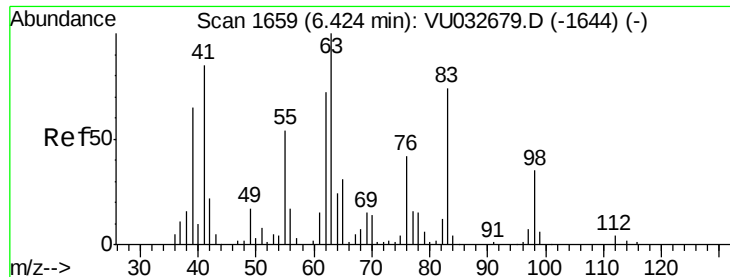
#27
1,2-Dichloroethane
Concen: 0.727 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VU032693.D
Acq: 13 Jun 2019 14:44

Tgt Ion: 62 Resp: 1244
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

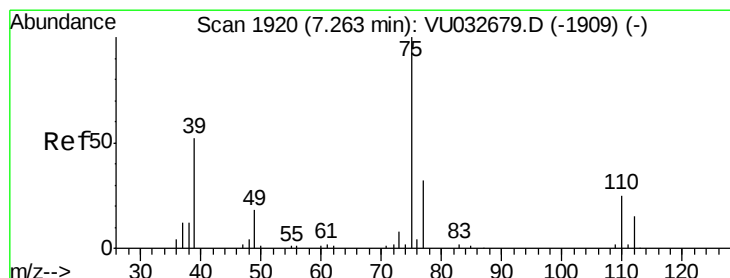
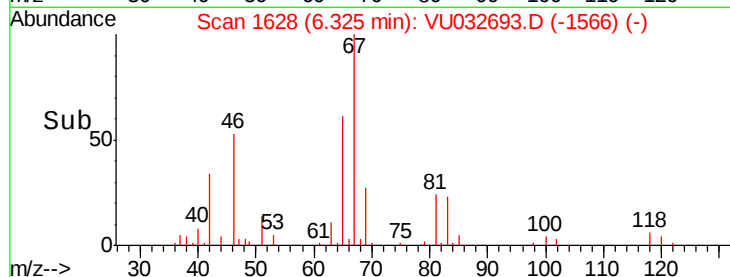
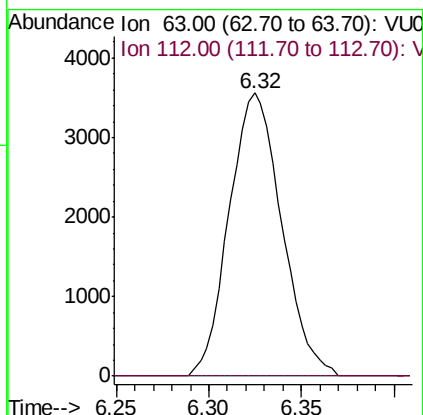
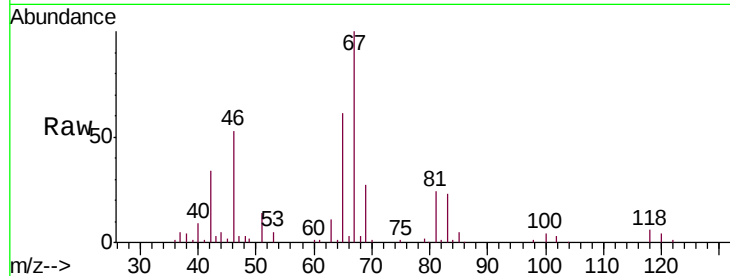




#37
 1,2-Dichloropropane
 Concen: 5.487 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032693.D
 Acq: 13 Jun 2019 14:44

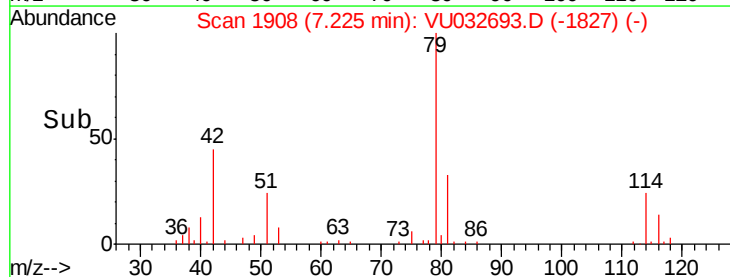
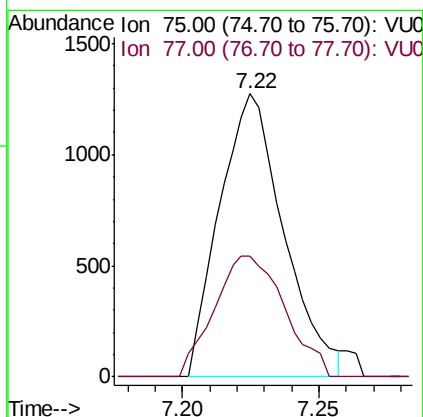
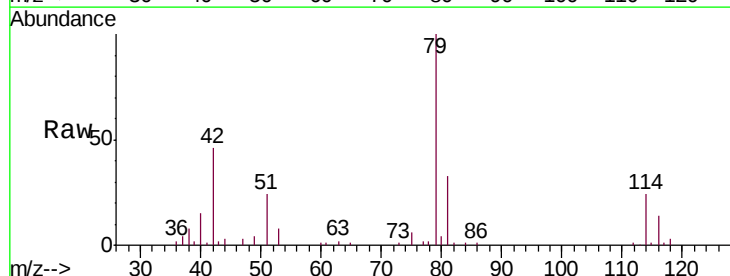
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS7

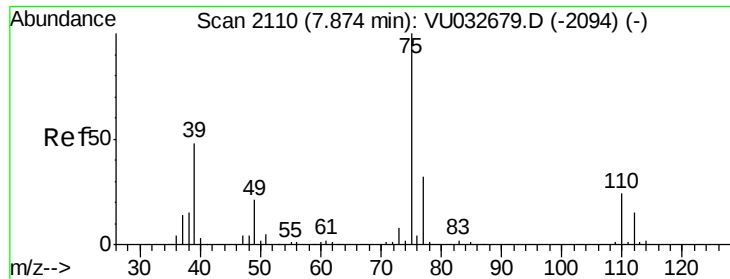
Tgt Ion: 63 Resp: 6987
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032693.D
 Acq: 13 Jun 2019 14:44

Tgt Ion: 75 Resp: 2082
 Ion Ratio Lower Upper
 75 100
 77 42.5 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032693.D

Acq: 13 Jun 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

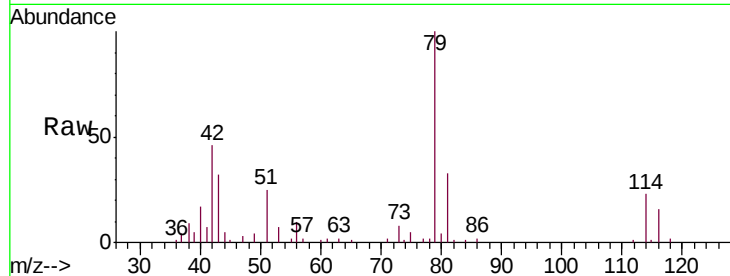
C0JS7

Tgt Ion: 75 Resp: 1365

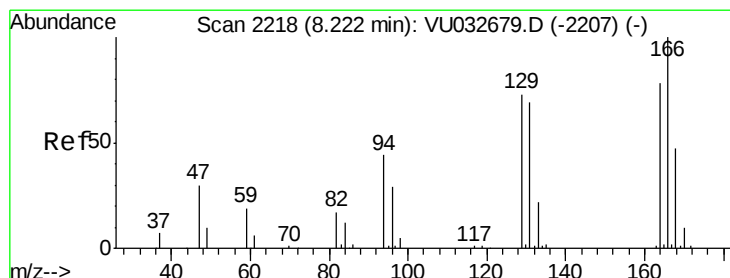
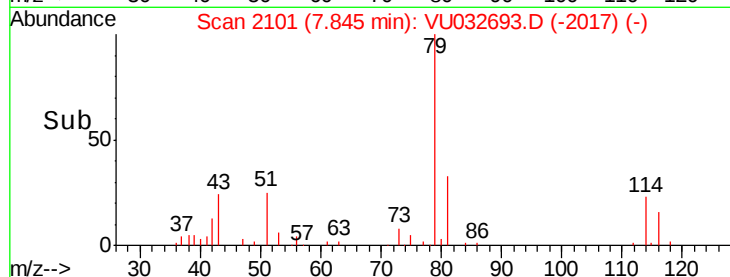
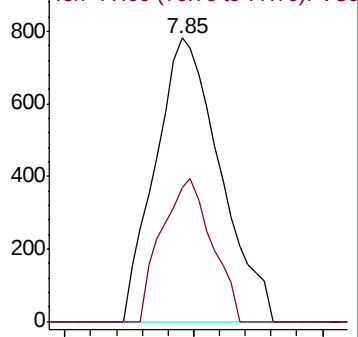
Ion Ratio Lower Upper

75 100

77 47.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032679.D (-2094) (-)



#46

Tetrachloroethene

Concen: 0.536 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032693.D

Acq: 13 Jun 2019 14:44

Tgt Ion: 164 Resp: 578

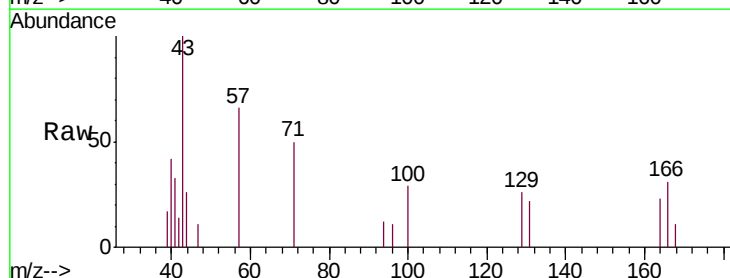
Ion Ratio Lower Upper

164 100

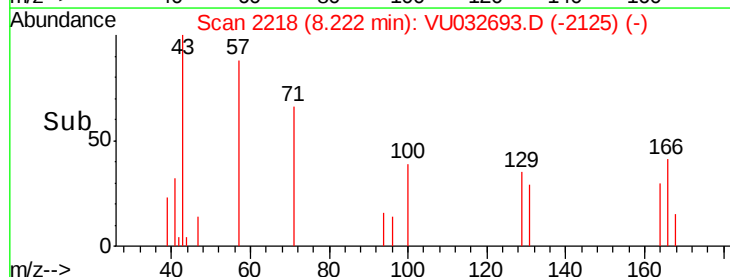
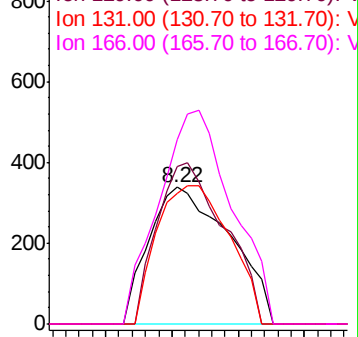
129 115.7 65.3 121.3

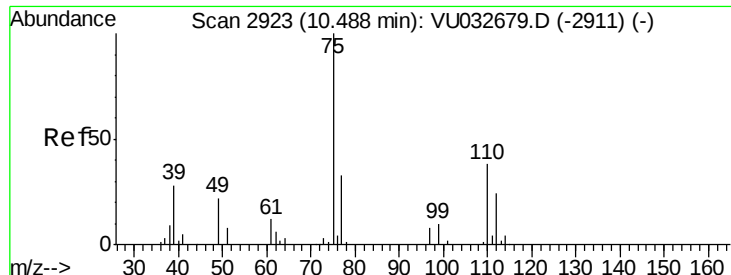
131 95.9 64.0 119.0

166 135.2 88.8 165.0



Abundance Ion 164.00 (163.70 to 164.70): VU032679.D (-2207) (-)





#59
 1,2,3-Trichloropropane
 Concen: 6.374 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032693.D
 Acq: 13 Jun 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS7

Tgt Ion: 75 Resp: 10551
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.6 38.4

