

Data File : VU029864.D
Acq On : 07 Mar 2019 19:48
Operator : JC/SP
Sample : K1734-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1E2

Quant Time: Mar 08 04:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473565	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212770	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133751	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.08%
7) Chloroethane-d5	1.68	69	116821	37.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.74%
11) 1,1-Dichloroethene-d2	2.27	63	191956	28.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.60%#
21) 2-Butanone-d5	4.17	46	224000	106.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.07%
24) Chloroform-d	4.64	84	259689	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.31	65	162854	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
32) Benzene-d6	5.34	84	560631	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.33	67	177136	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.12%
41) Toluene-d8	7.56	98	511974	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.85	79	79585	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
47) 2-Hexanone-d5	8.31	63	180871	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271013	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	213322	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%

Target Compounds

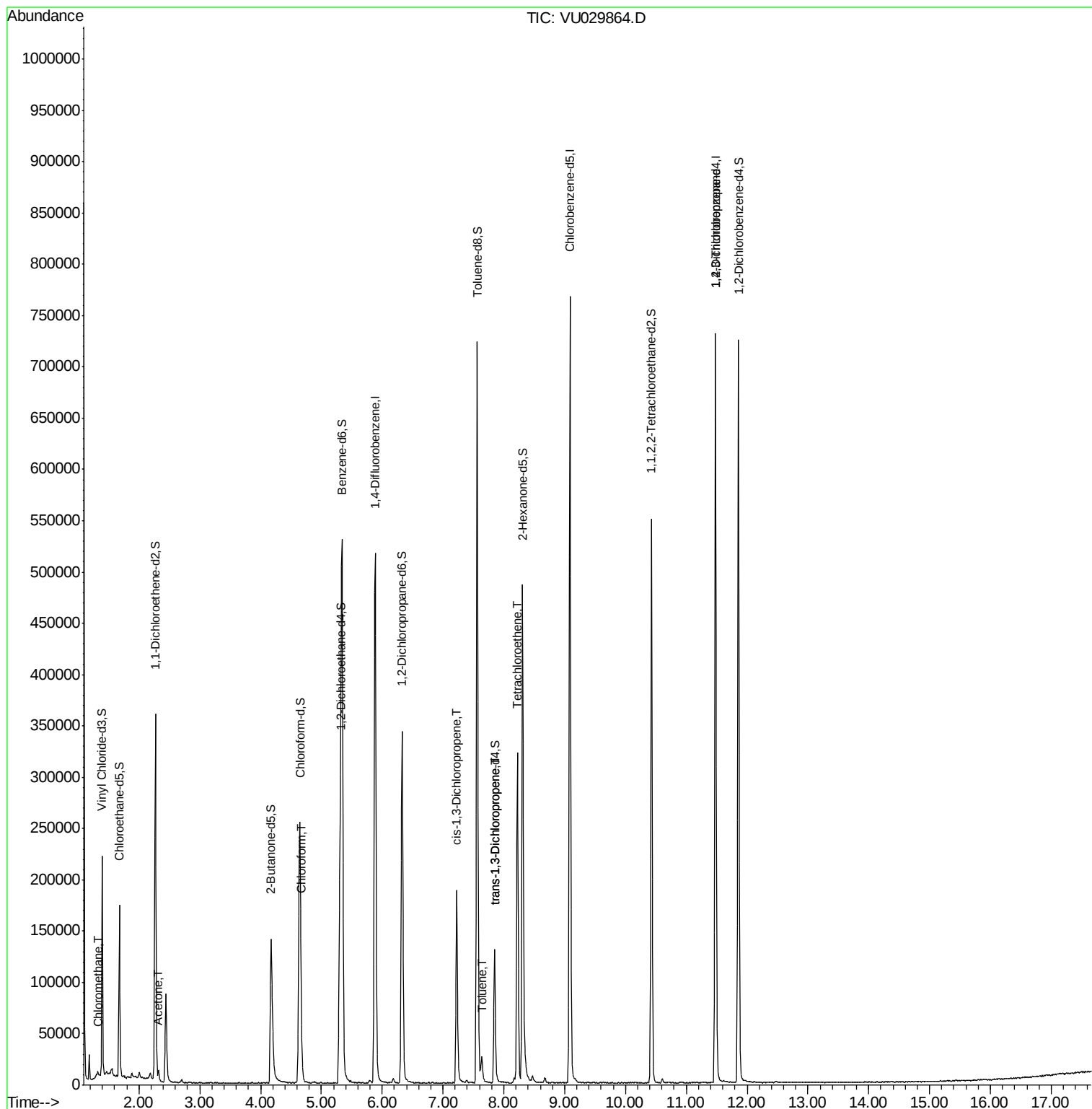
					Qvalue
3) Chloromethane	1.32	50	2663	0.935 ug/L	94
13) Acetone	2.32	43	9409	4.170 ug/L	99
25) Chloroform	4.67	83	16093	2.882 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	4427	0.898 ug/L #	63
42) Toluene	7.64	91	17999	1.308 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3163	0.681 ug/L	98
46) Tetrachloroethene	8.22	164	79623	25.953 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	21699	4.983 ug/L	93

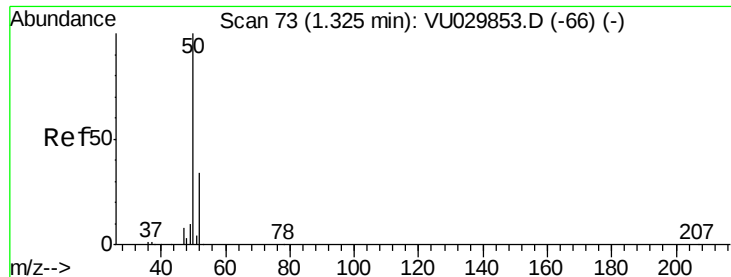
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.935 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 07 Mar 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

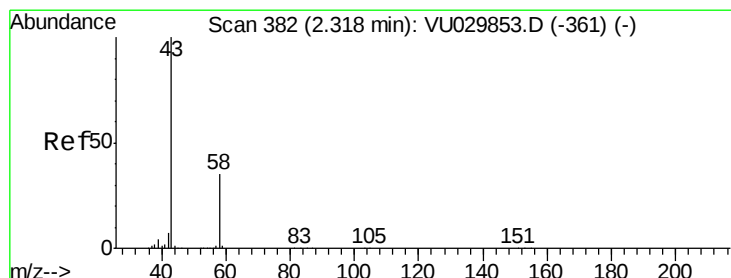
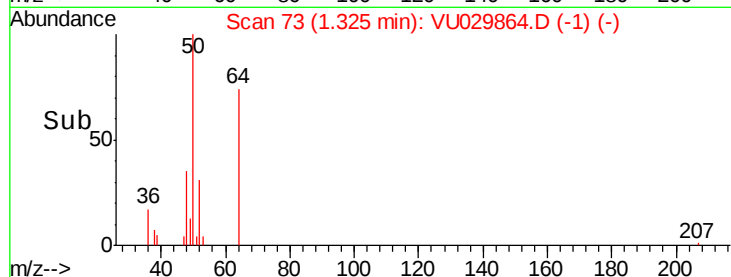
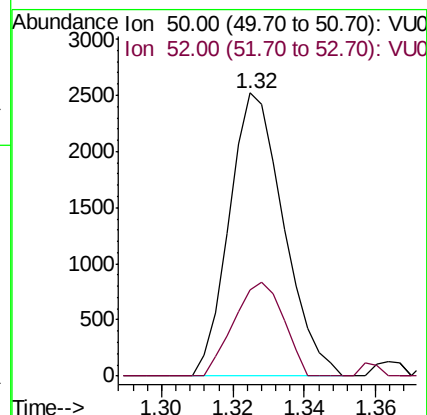
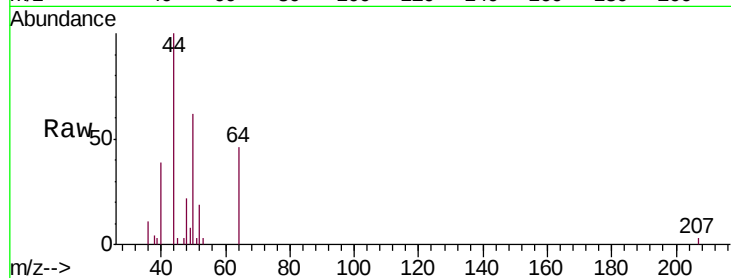
BF1E2

Tgt Ion: 50 Resp: 2663

Ion Ratio Lower Upper

50 100

52 30.6 23.9 44.3



#13

Acetone

Concen: 4.170 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029864.D

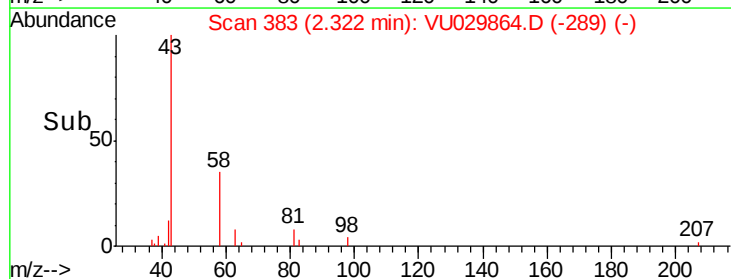
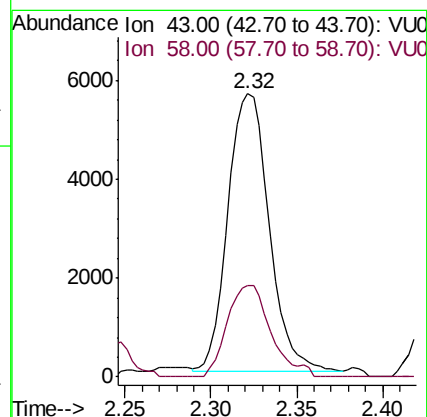
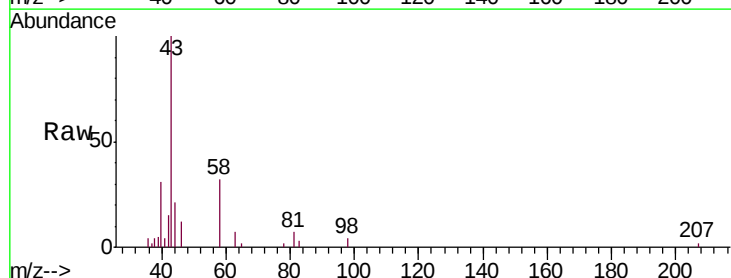
Acq: 07 Mar 2019 19:48

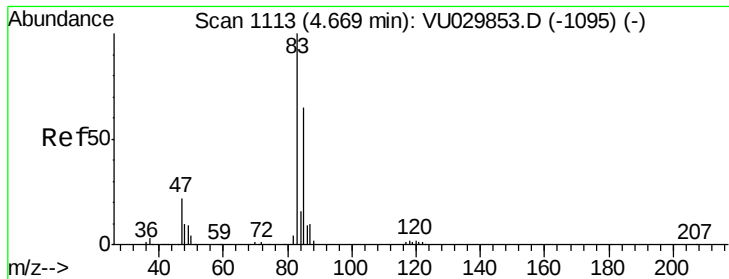
Tgt Ion: 43 Resp: 9409

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.8





#25

Chloroform

Concen: 2.882 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029864.D

Acq: 07 Mar 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

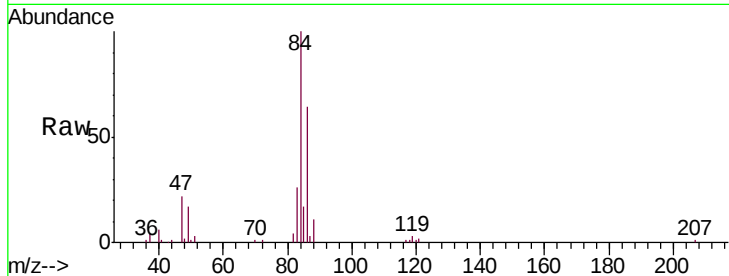
BF1E2

Tgt Ion: 83 Resp: 16093

Ion Ratio Lower Upper

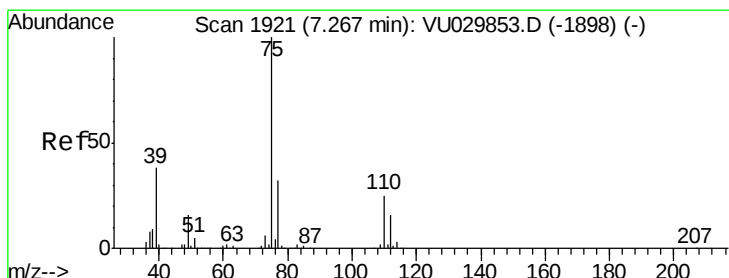
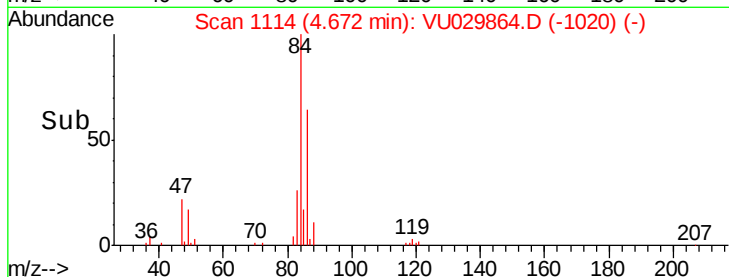
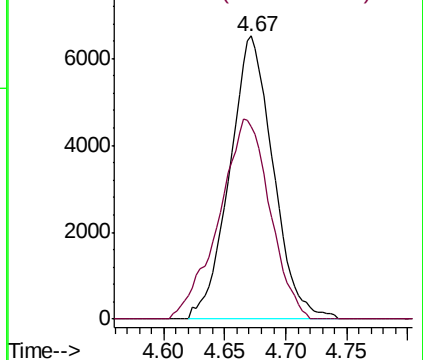
83 100

85 67.9 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.898 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029864.D

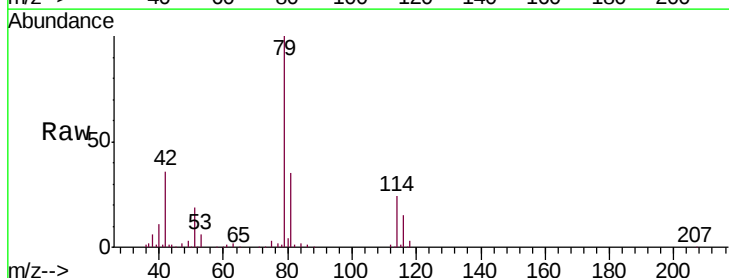
Acq: 07 Mar 2019 19:48

Tgt Ion: 75 Resp: 4427

Ion Ratio Lower Upper

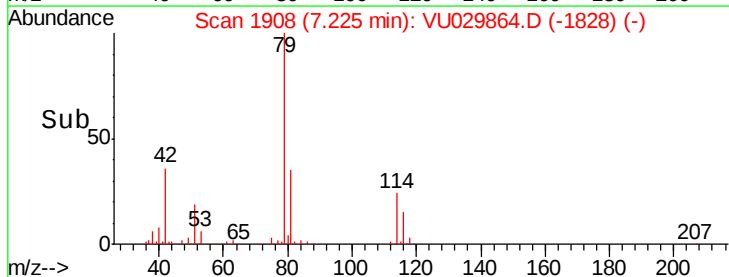
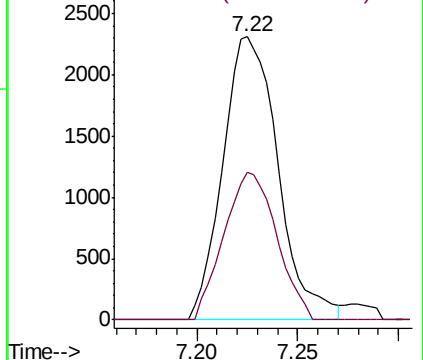
75 100

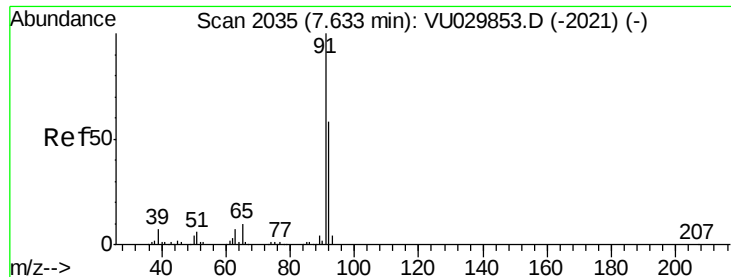
77 52.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#42

Toluene

Concen: 1.308 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029864.D

Acq: 07 Mar 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

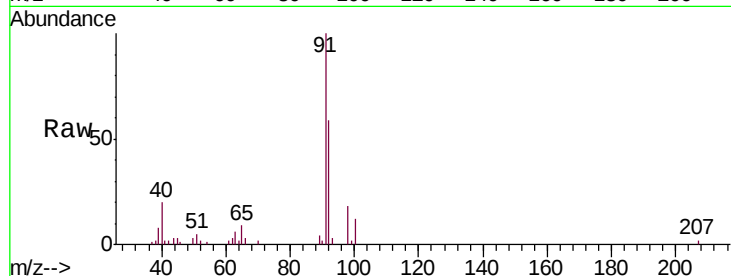
BF1E2

Tgt Ion: 91 Resp: 17999

Ion Ratio Lower Upper

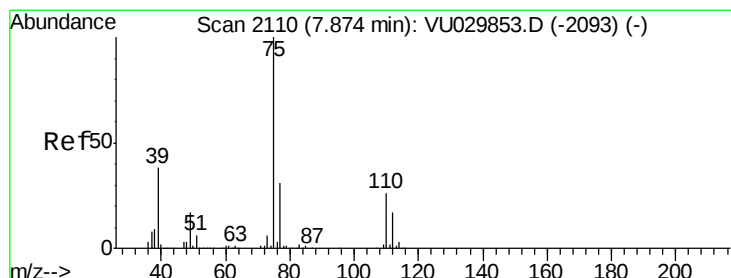
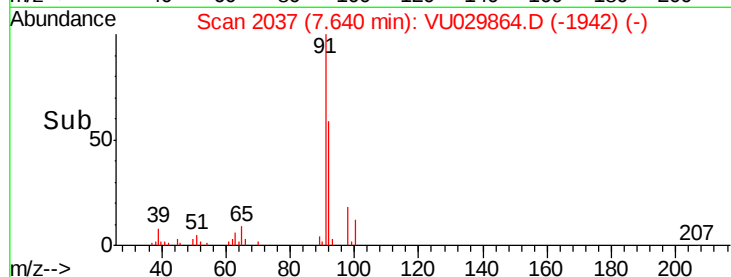
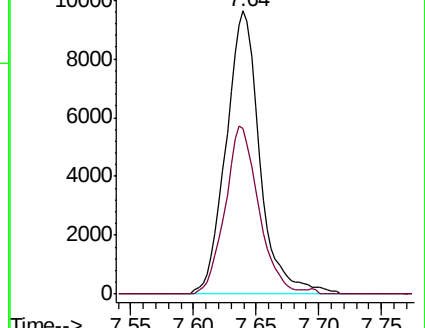
91 100

92 58.7 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VU029853.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU029853.D (-2021) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029864.D

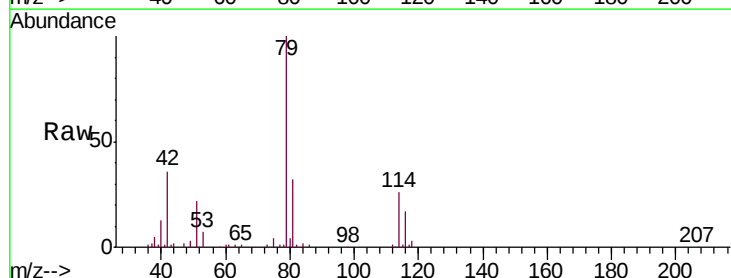
Acq: 07 Mar 2019 19:48

Tgt Ion: 75 Resp: 3163

Ion Ratio Lower Upper

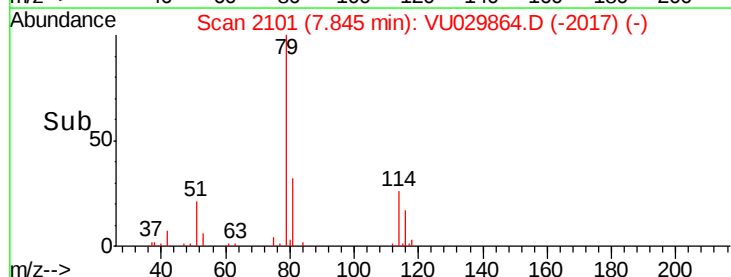
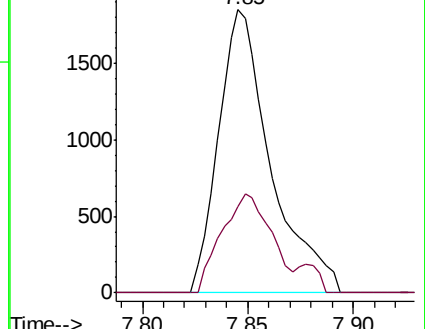
75 100

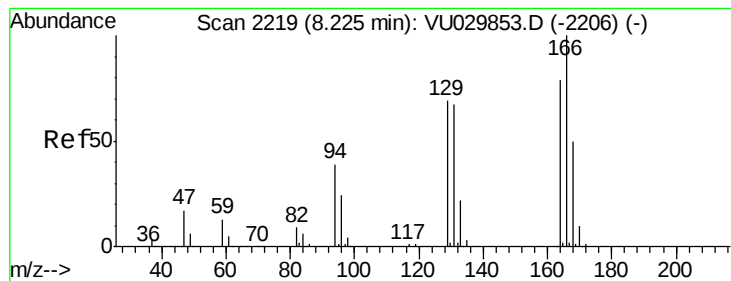
77 30.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029853.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU029853.D (-2093) (-)





#46

Tetrachloroethene

Concen: 25.953 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029864.D

Acq: 07 Mar 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

BF1E2

Tgt Ion:164 Resp: 79623

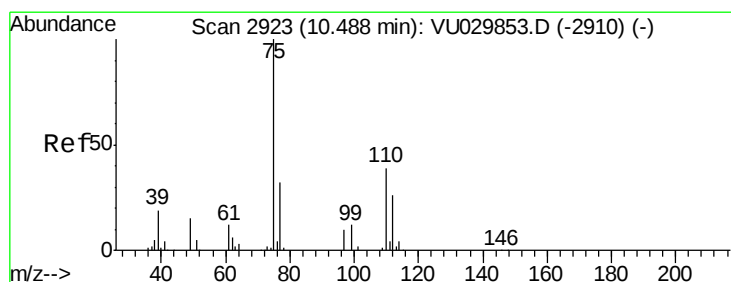
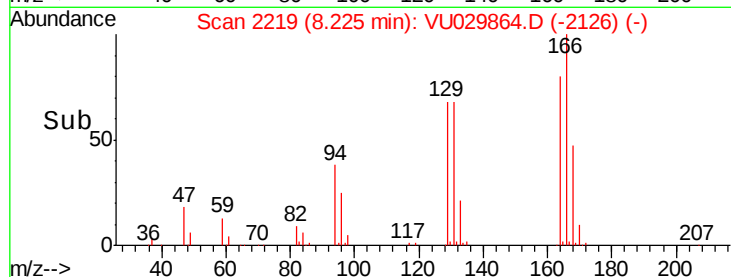
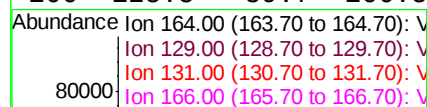
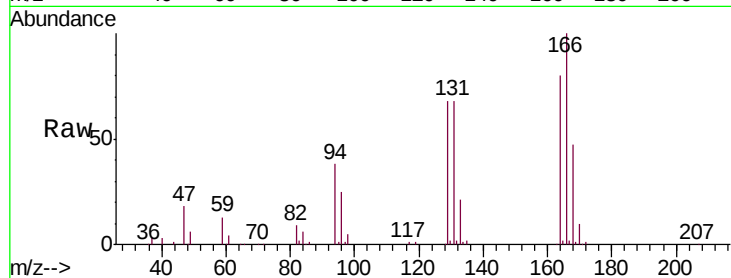
Ion Ratio Lower Upper

164 100

129 85.9 62.1 115.3

131 84.9 60.1 111.5

166 125.5 89.7 166.5



#59

1,2,3-Trichloropropane

Concen: 4.983 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029864.D

Acq: 07 Mar 2019 19:48

Tgt Ion: 75 Resp: 21699

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5

