

Data File : VU029690.D
Acq On : 26 Feb 2019 18:29
Operator : JC/SP
Sample : K1624-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 27 01:57:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140993	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.56%
7) Chloroethane-d5	1.68	69	128024	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.32%
11) 1,1-Dichloroethene-d2	2.27	63	201677	30.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.40%
21) 2-Butanone-d5	4.17	46	215377	103.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.61%
24) Chloroform-d	4.64	84	279718	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
26) 1,2-Dichloroethane-d4	5.31	65	178265	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.34	84	598974	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.33	67	184636	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.32%
41) Toluene-d8	7.56	98	563783	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.85	79	83368	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.31	63	169309	90.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278711	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	233935	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

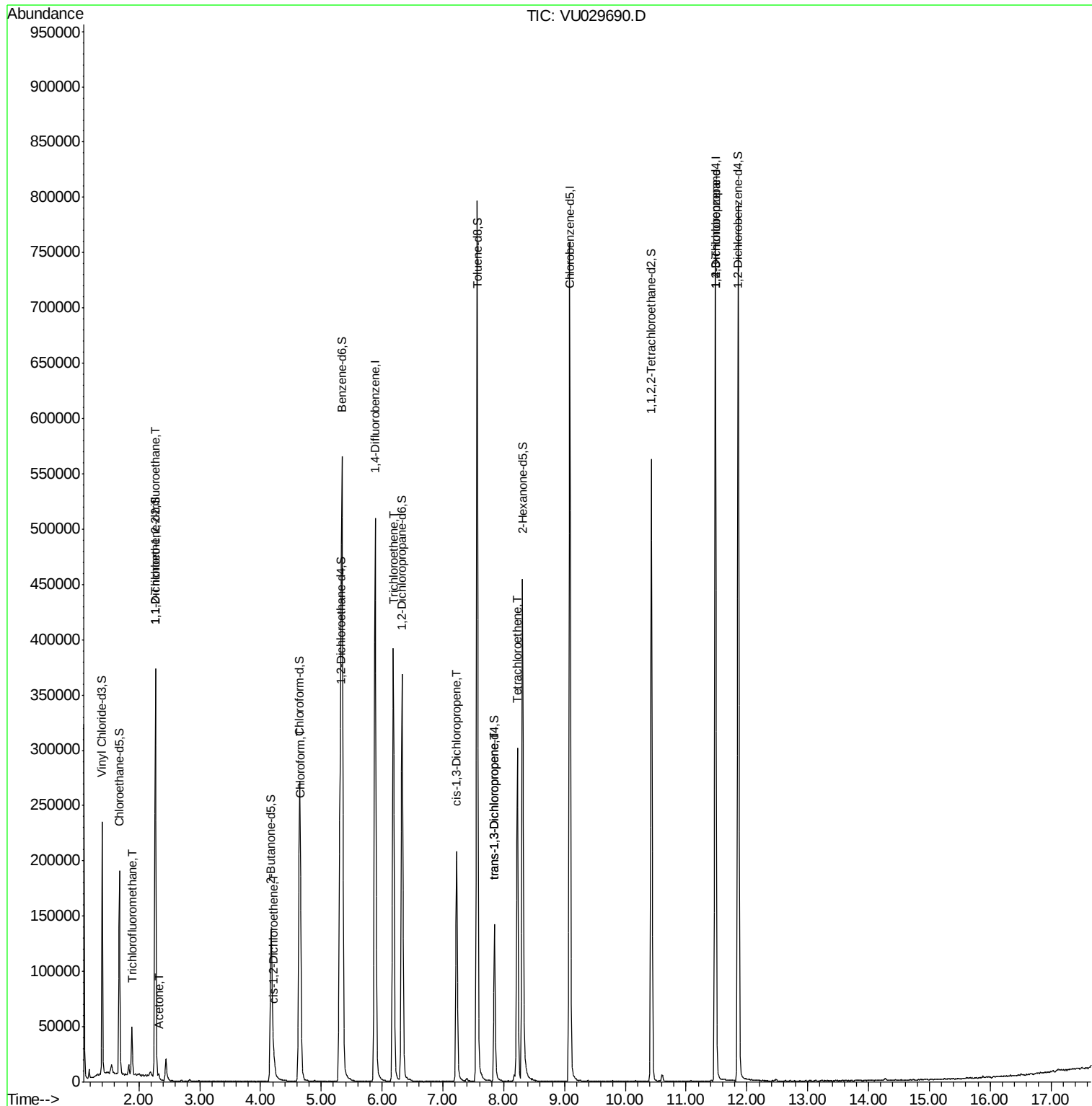
						Qvalue
9) Trichlorofluoromethane	1.88	101	24517	4.039	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2019	0.622	ug/L #	23
13) Acetone	2.32	43	2974	1.339	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	4460	1.347	ug/L	100
25) Chloroform	4.67	83	5828	1.060	ug/L	97
34) Trichloroethene	6.18	95	136279	44.222	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	5024	1.037	ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	3484	0.763	ug/L #	82
46) Tetrachloroethene	8.22	164	73142	24.249	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	21498	5.021	ug/L	91

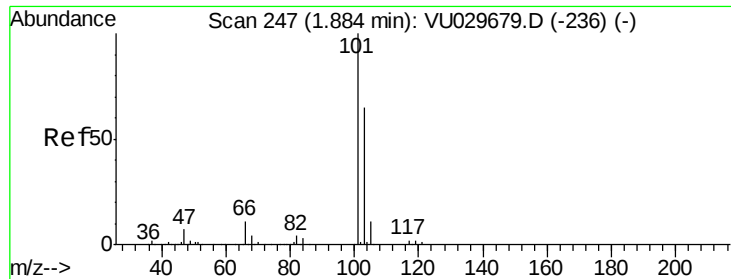
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029690.D

Acq On : 26 Feb 2019 18:29
Operator : JC/SP
Sample : K1624-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 27 01:57:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 4.039 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU029690.D

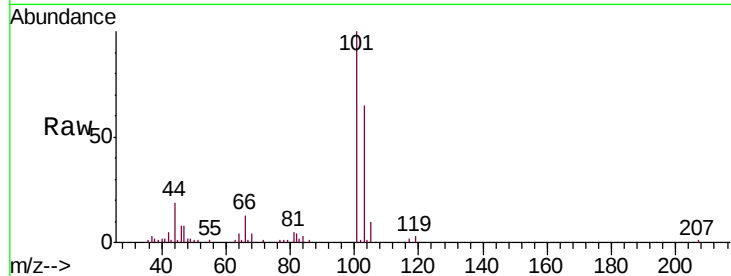
Acq: 26 Feb 2019 18:29

Tgt Ion:101 Resp: 24517

Ion Ratio Lower Upper

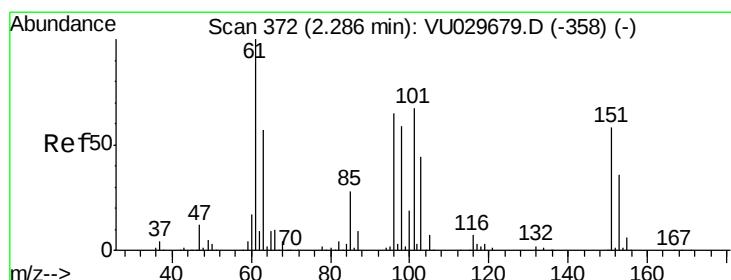
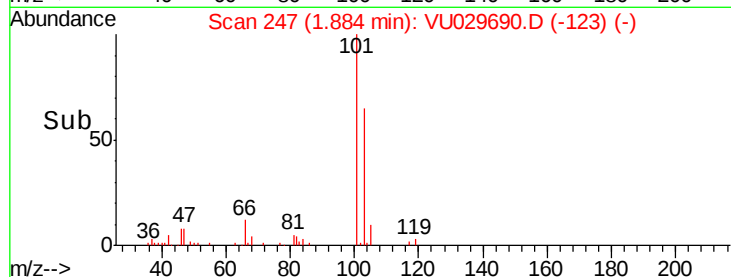
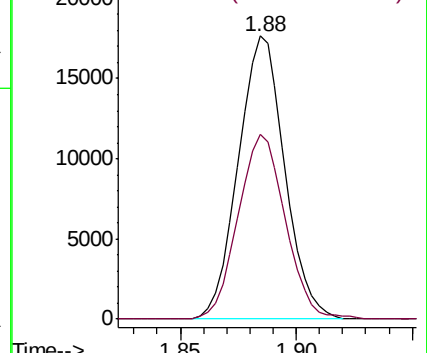
101 100

103 66.3 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.622 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

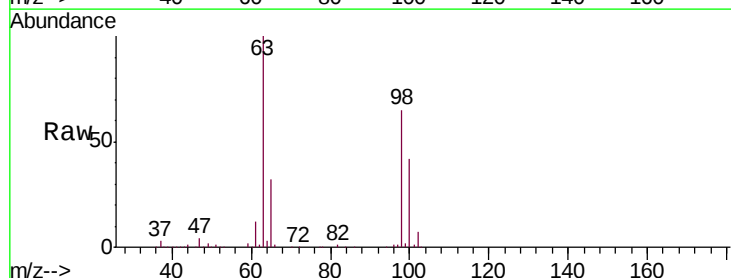
Tgt Ion:101 Resp: 2019

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

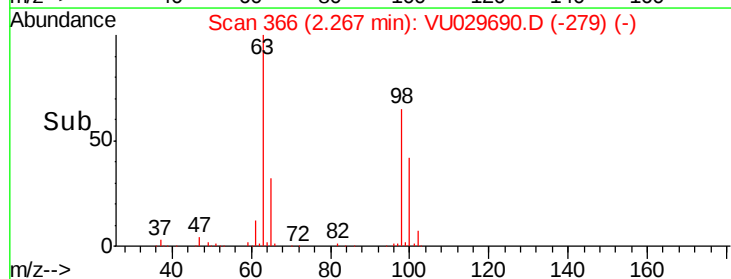
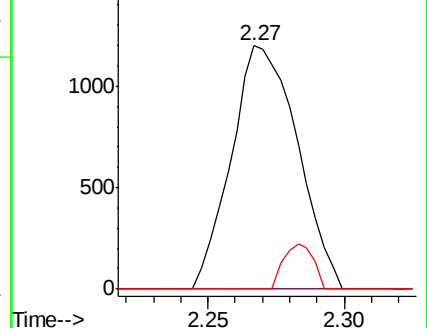
151 8.5 65.7 98.5#

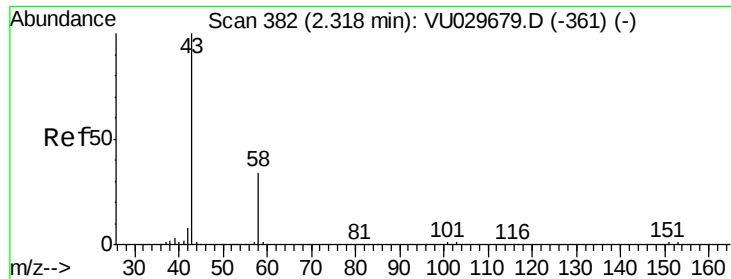


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 1.339 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029690.D

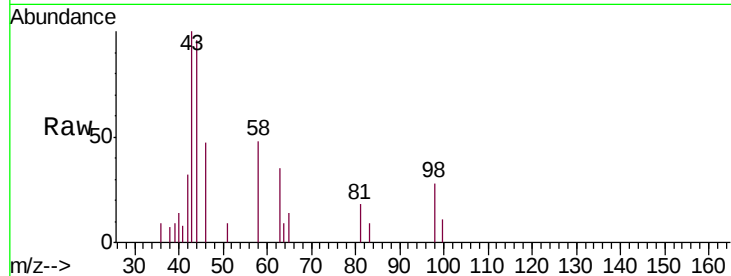
Acq: 26 Feb 2019 18:29

Tgt Ion: 43 Resp: 2974

Ion Ratio Lower Upper

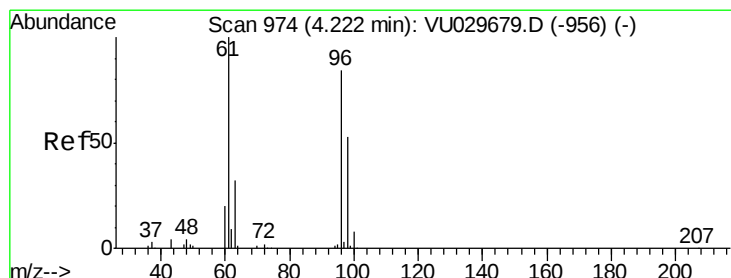
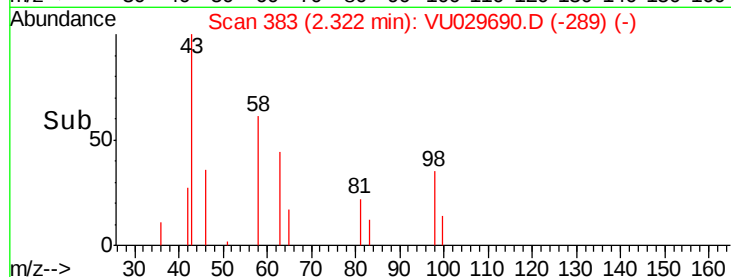
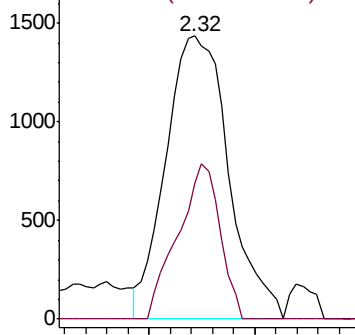
43 100

58 36.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.347 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

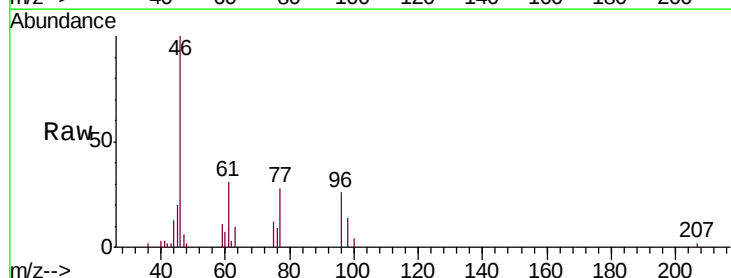
Tgt Ion: 96 Resp: 4460

Ion Ratio Lower Upper

96 100

61 119.7 83.9 155.7

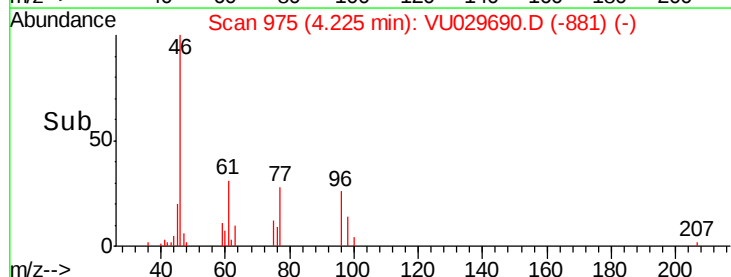
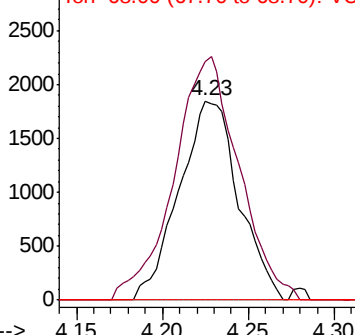
68 0.0 0.0 0.0

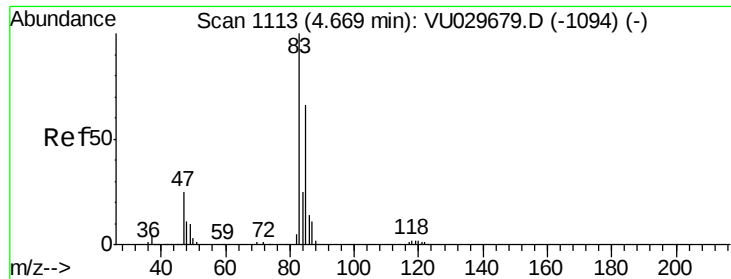


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.060 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029690.D

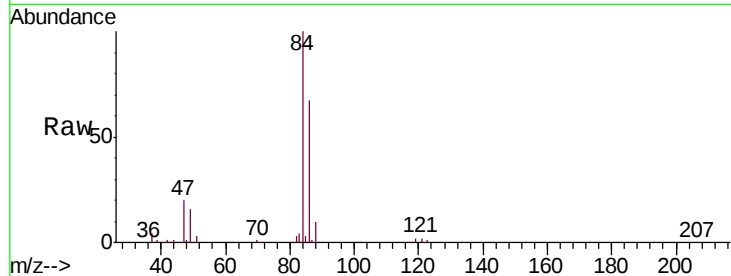
Acq: 26 Feb 2019 18:29

Tgt Ion: 83 Resp: 5828

Ion Ratio Lower Upper

83 100

85 67.0 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

2500

2000

1500

1000

500

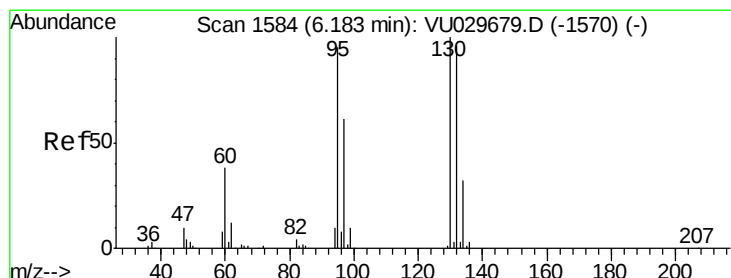
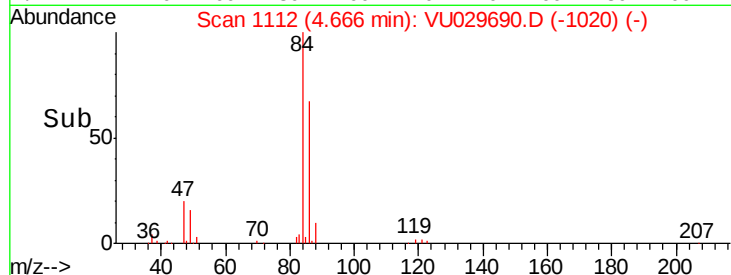
0

4.60

4.65

4.70

Time-->



#34

Trichloroethene

Concen: 44.222 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

Tgt Ion: 95 Resp: 136279

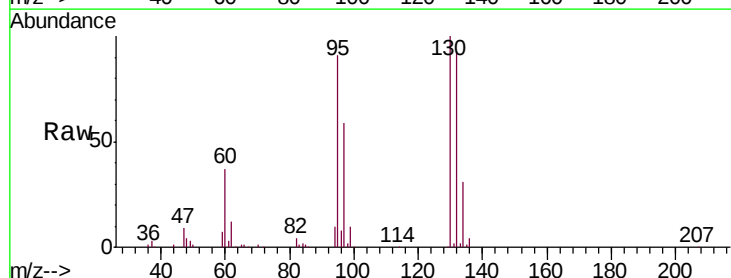
Ion Ratio Lower Upper

95 100

97 64.8 44.6 82.8

132 102.8 74.6 138.6

130 110.3 77.2 143.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

120000

100000

80000

60000

40000

20000

0

6.10

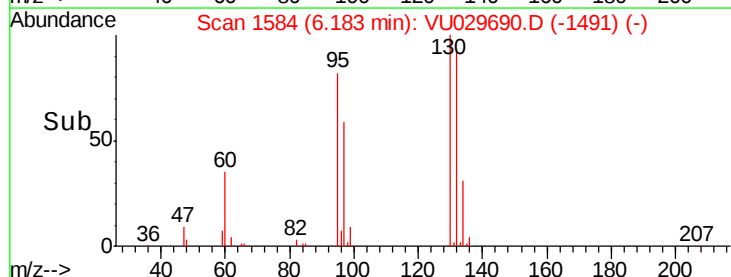
6.15

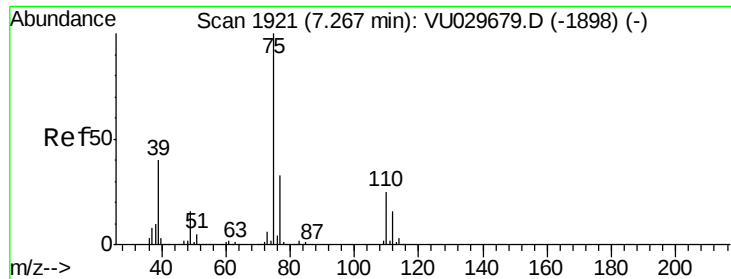
6.20

6.25

6.30

Time-->

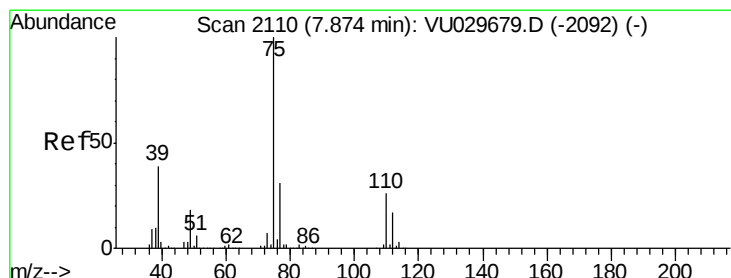
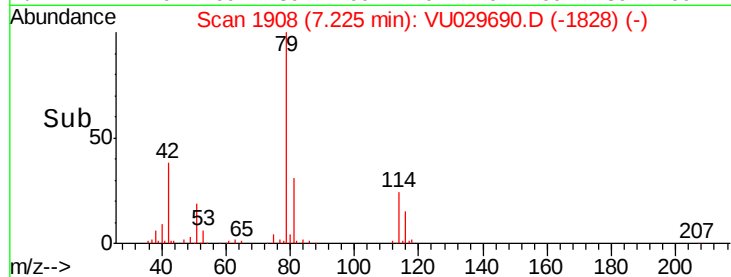
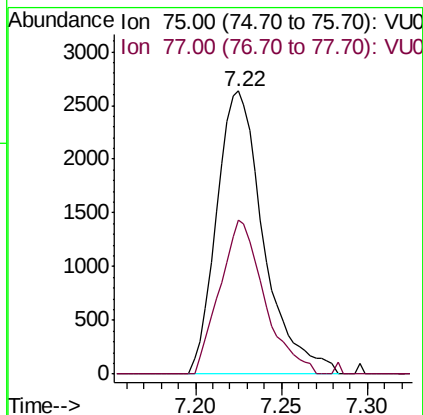
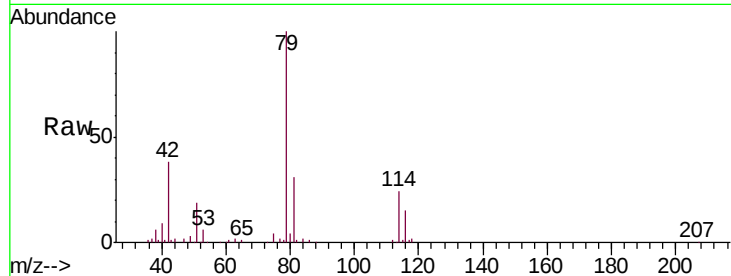




#39

cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029690.D
Acq: 26 Feb 2019 18:29

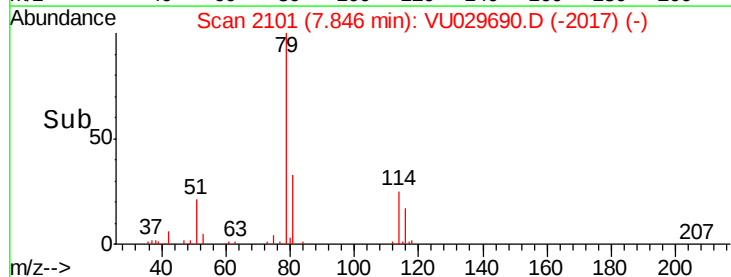
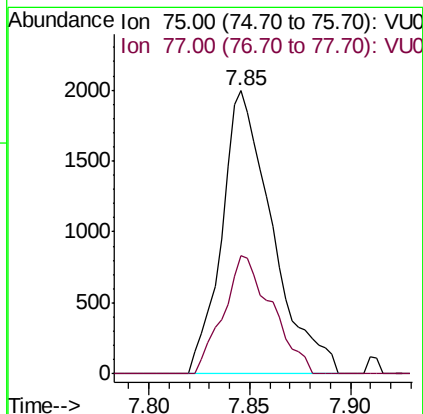
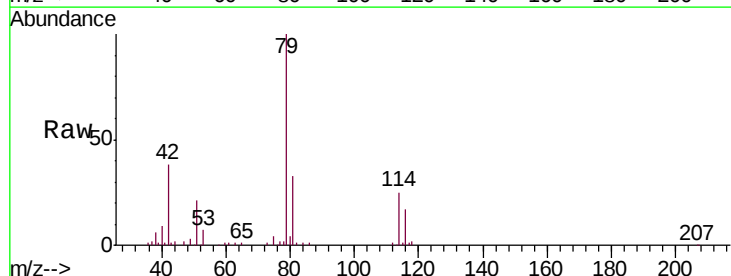
Tgt Ion: 75 Resp: 5024
Ion Ratio Lower Upper
75 100
77 54.5 22.3 41.5#

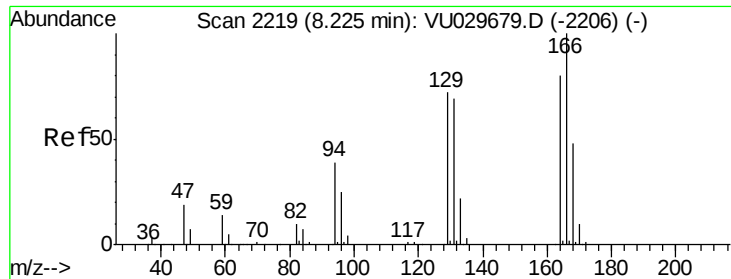


#44

trans-1,3-Dichloropropene
Concen: 0.763 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029690.D
Acq: 26 Feb 2019 18:29

Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
77 41.8 22.1 41.1#





#46

Tetrachloroethene

Concen: 24.249 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029690.D

Acq: 26 Feb 2019 18:29

Tgt Ion: 164 Resp: 73142

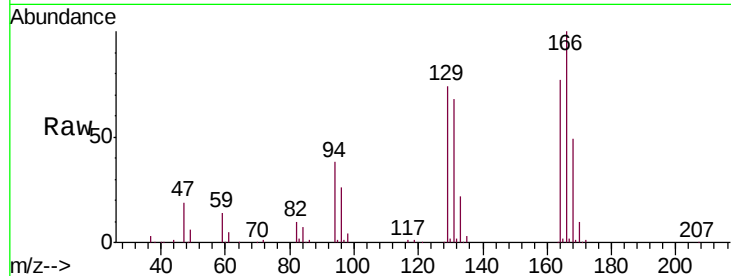
Ion Ratio Lower Upper

164 100

129 95.3 62.1 115.3

131 88.1 60.1 111.5

166 129.4 89.7 166.5

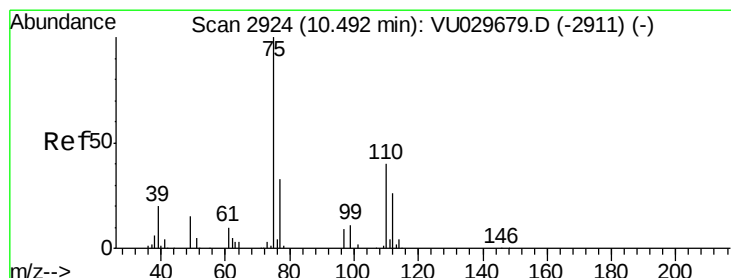
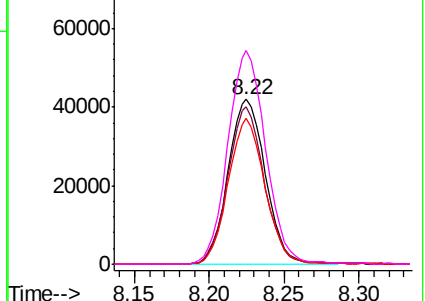
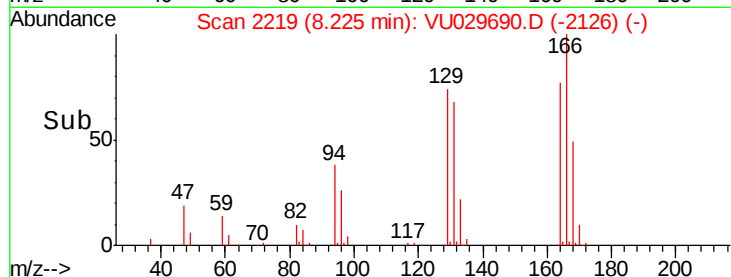


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.021 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029690.D

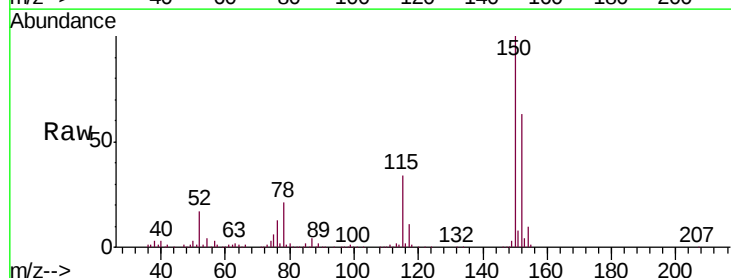
Acq: 26 Feb 2019 18:29

Tgt Ion: 75 Resp: 21498

Ion Ratio Lower Upper

75 100

77 37.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

