

Data File : VU029694.D
Acq On : 26 Feb 2019 20:02
Operator : JC/SP
Sample : K1624-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 27 01:57:49 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	459874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443987	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143995	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.68	69	131816	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	215239	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	4.17	46	230596	112.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.45%
24) Chloroform-d	4.65	84	281703	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.31	65	181954	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
32) Benzene-d6	5.34	84	613122	54.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.76%
36) 1,2-Dichloropropane-d6	6.33	67	187947	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.84%
41) Toluene-d8	7.56	98	568145	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%
43) trans-1,3-Dichloropropene-	7.85	79	83847	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
47) 2-Hexanone-d5	8.31	63	177283	94.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289435	50.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	242644	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%

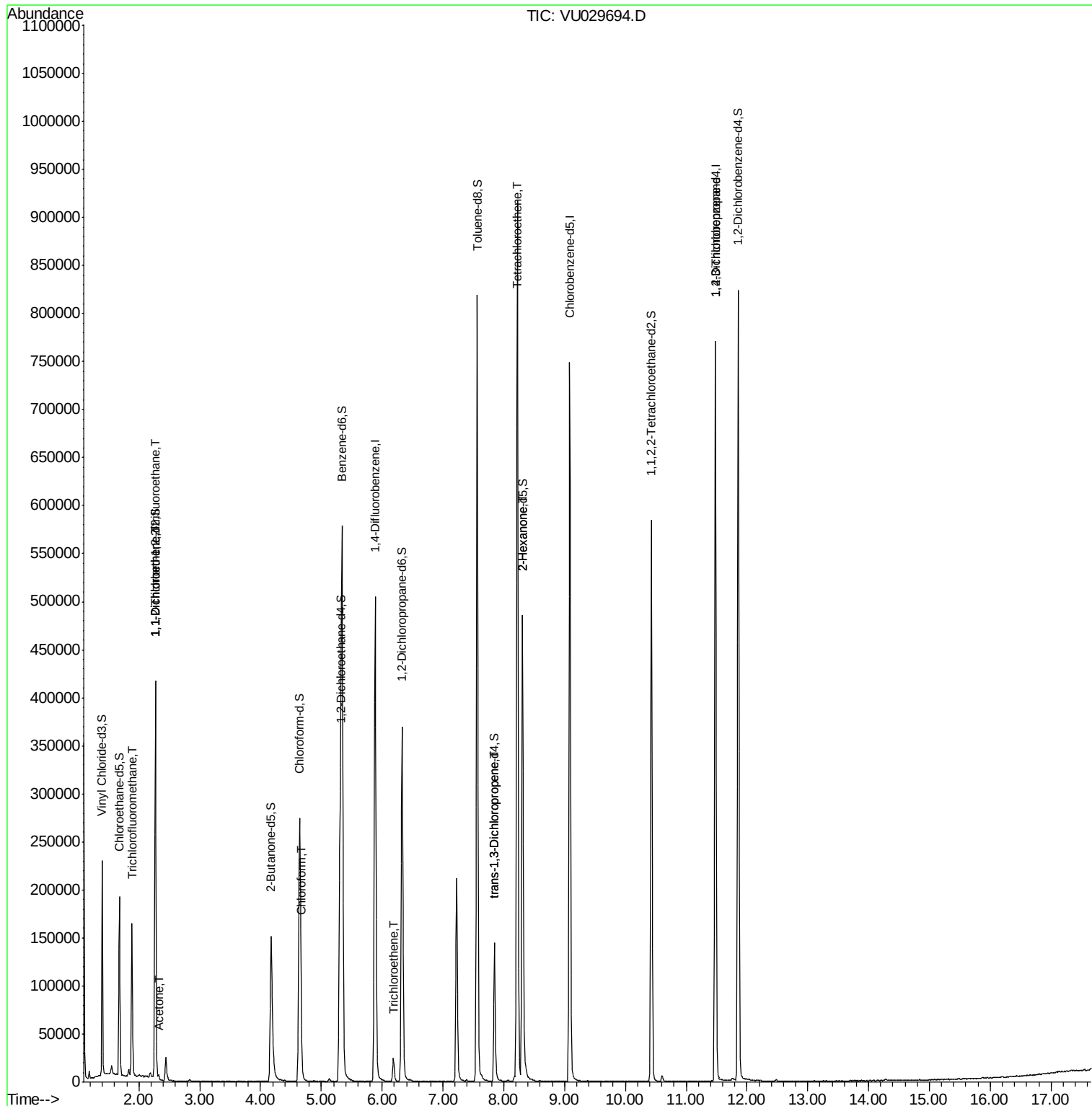
Target Compounds

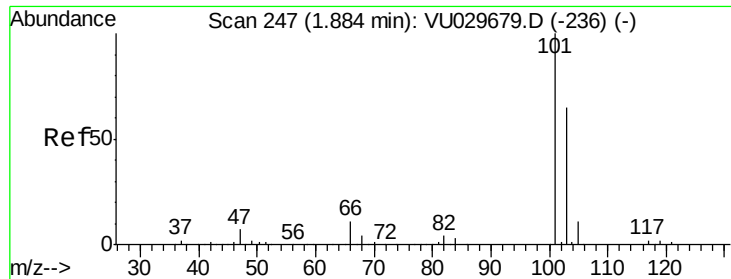
						Qvalue
9) Trichlorofluoromethane	1.88	101	94453	15.772	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2109	0.658	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2189	0.719	ug/L #	1
13) Acetone	2.32	43	2138	0.976	ug/L	61
25) Chloroform	4.67	83	9410	1.735	ug/L	97
34) Trichloroethene	6.19	95	8367	2.729	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3428	0.754	ug/L	86
46) Tetrachloroethene	8.22	164	222589	74.161	ug/L	99
48) 2-Hexanone	8.31	43	18290	4.983	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21913	5.143	ug/L	93

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

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#9

Trichlorofluoromethane

Concen: 15.772 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU029694.D

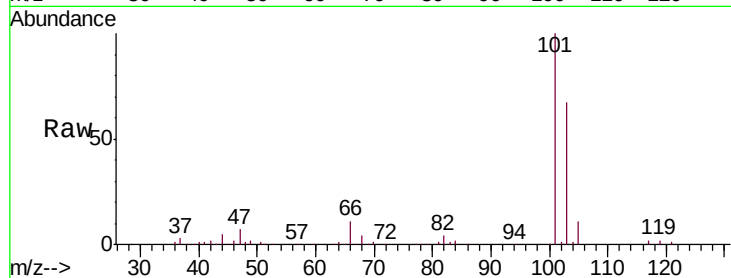
Acq: 26 Feb 2019 20:02

Tgt Ion:101 Resp: 94453

Ion Ratio Lower Upper

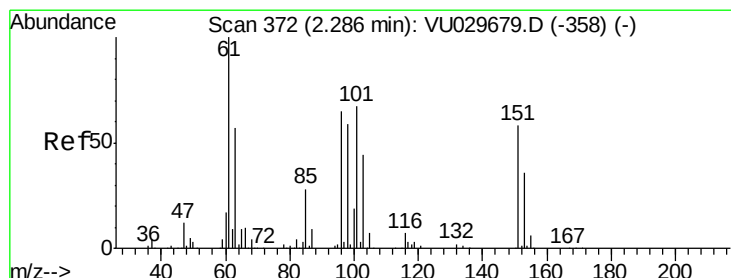
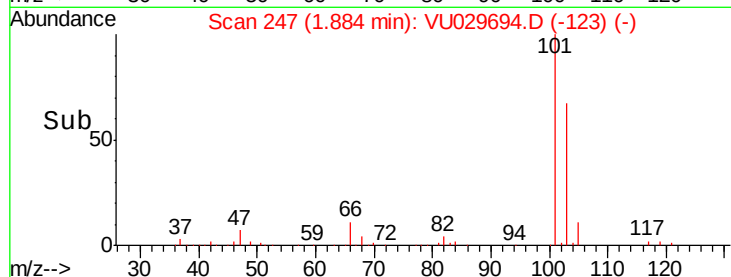
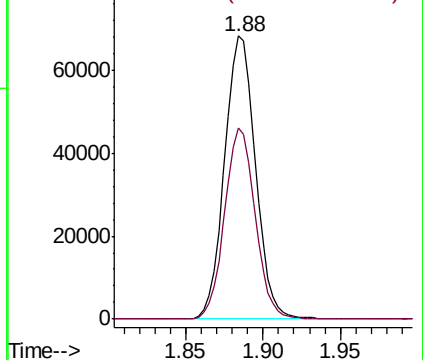
101 100

103 66.6 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: 0.658 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029694.D

Acq: 26 Feb 2019 20:02

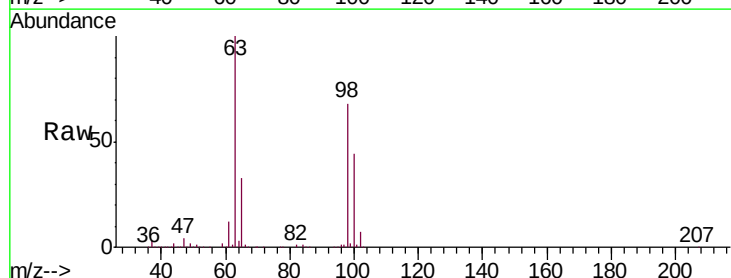
Tgt Ion:101 Resp: 2109

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.6#

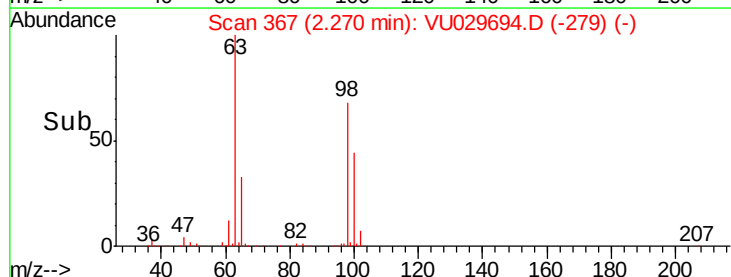
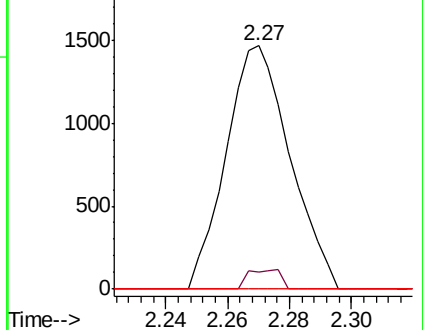
151 0.0 65.7 98.5#

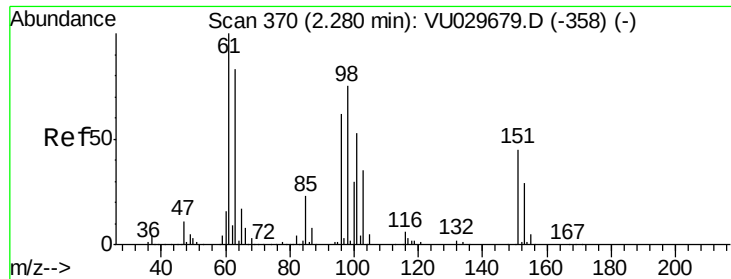


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

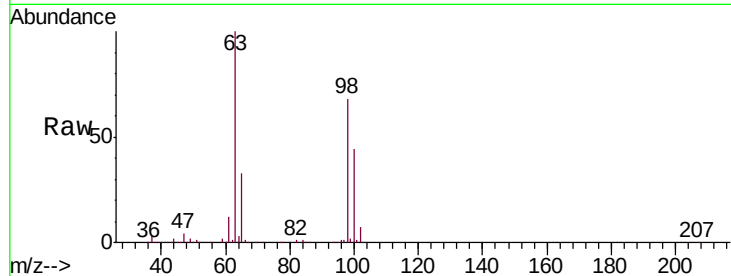
Ion 151.00 (150.70 to 151.70): V



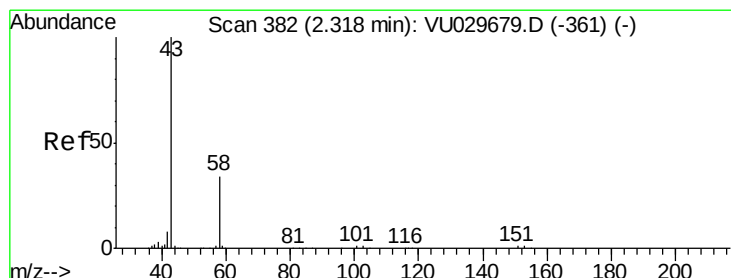
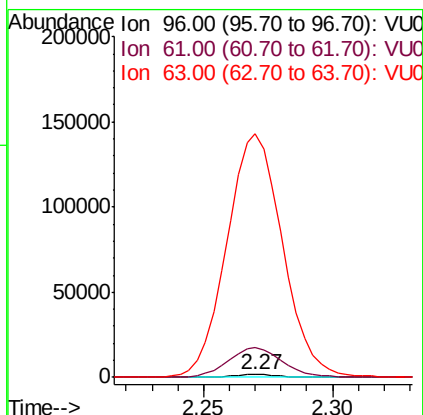
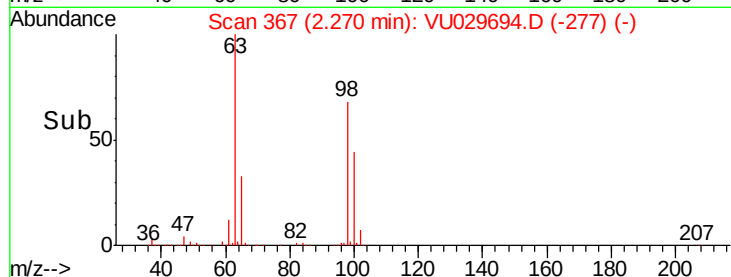


#12
 1,1-Dichloroethene
 Concen: 0.719 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029694.D
 Acq: 26 Feb 2019 20:02

Tgt Ion: 96 Resp: 2189
 Ion Ratio Lower Upper
 96 100
 61 1096.2 114.0 211.8#
 63 8958.4 98.7 183.3#

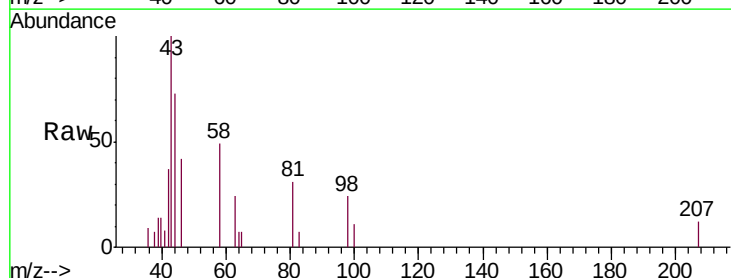


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

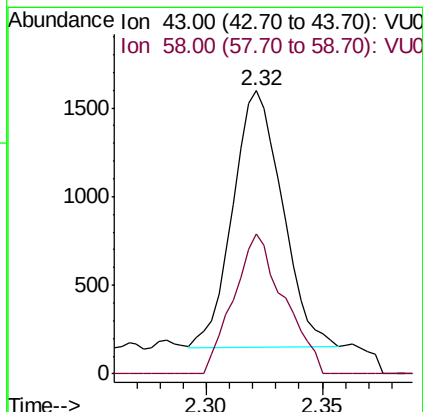
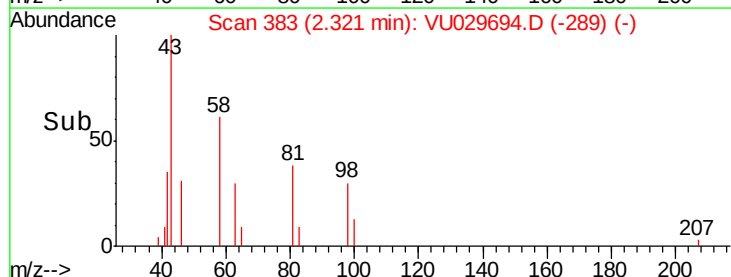


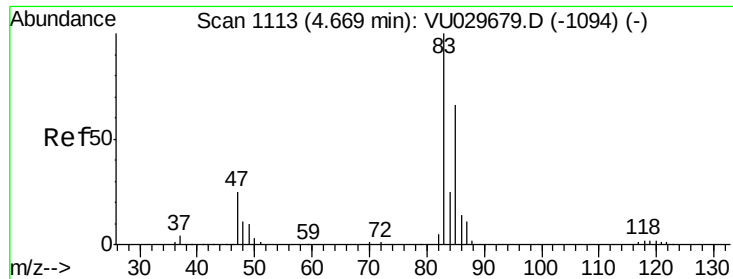
#13
 Acetone
 Concen: 0.976 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029694.D
 Acq: 26 Feb 2019 20:02

Tgt Ion: 43 Resp: 2138
 Ion Ratio Lower Upper
 43 100
 58 55.7 0.0 66.8



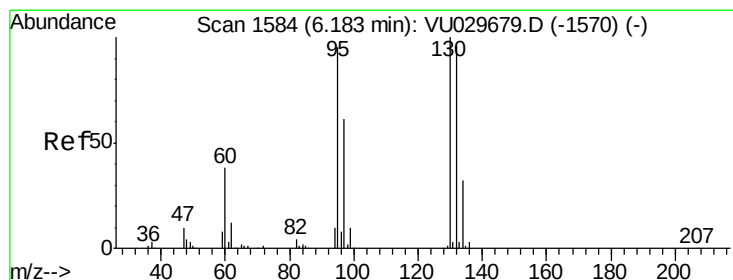
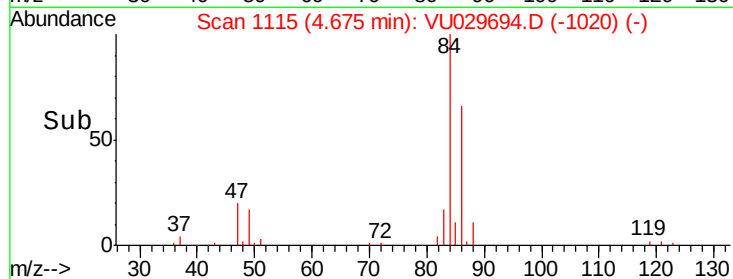
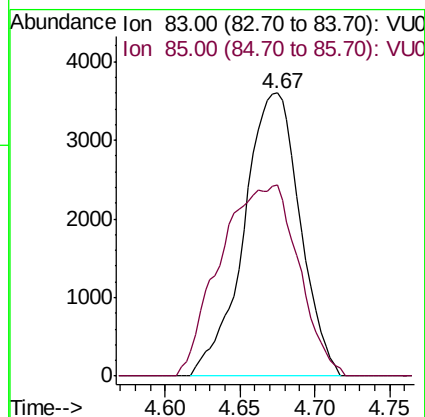
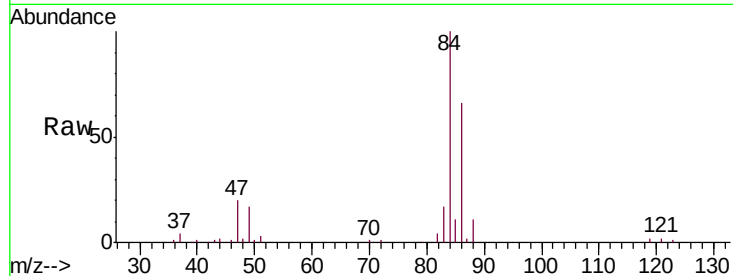
Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0





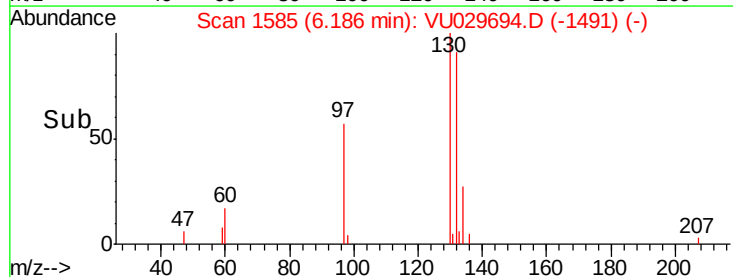
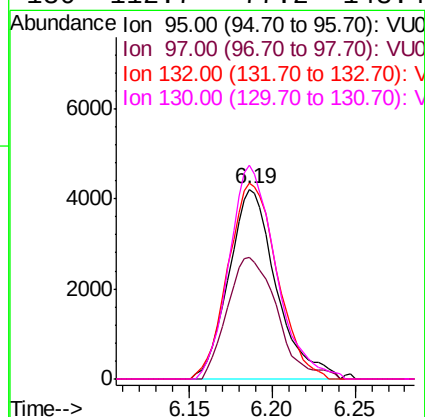
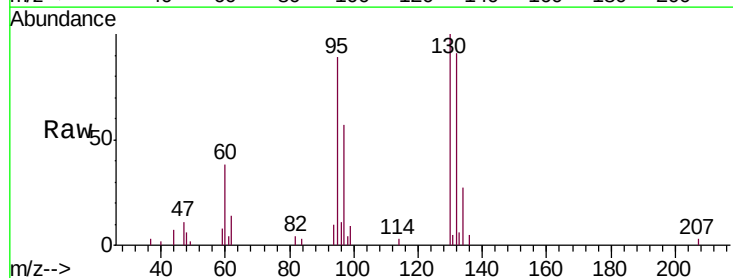
#25
Chloroform
Concen: 1.735 ug/L
RT: 4.67 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029694.D
Acq: 26 Feb 2019 20:02

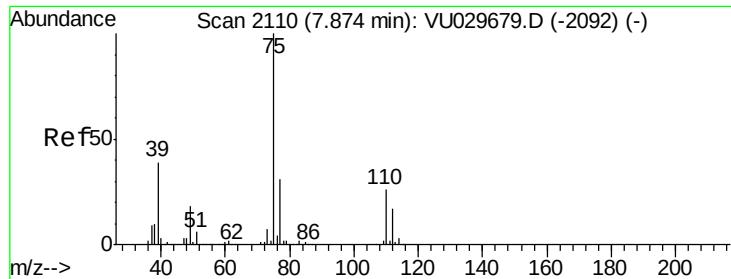
Tgt Ion: 83 Resp: 9410
Ion Ratio Lower Upper
83 100
85 67.3 45.4 84.2



#34
Trichloroethene
Concen: 2.729 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU029694.D
Acq: 26 Feb 2019 20:02

Tgt Ion: 95 Resp: 8367
Ion Ratio Lower Upper
95 100
97 64.5 44.6 82.8
132 103.1 74.6 138.6
130 112.7 77.2 143.4





#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029694.D

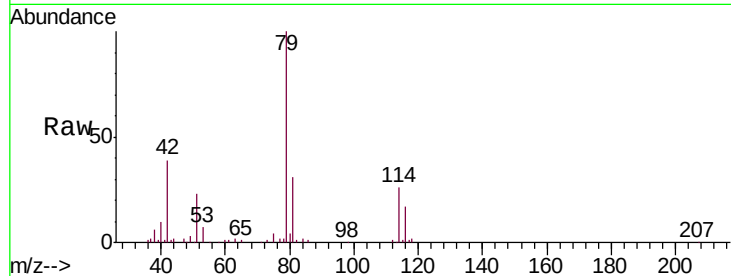
Acq: 26 Feb 2019 20:02

Tgt Ion: 75 Resp: 3428

Ion Ratio Lower Upper

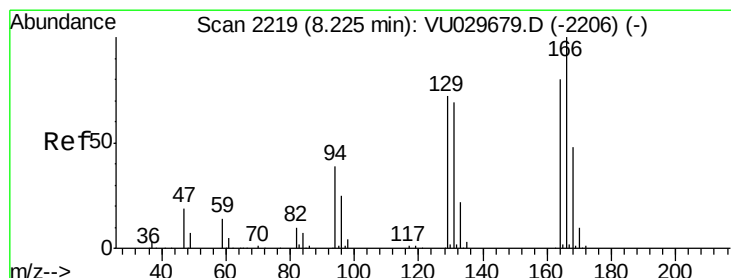
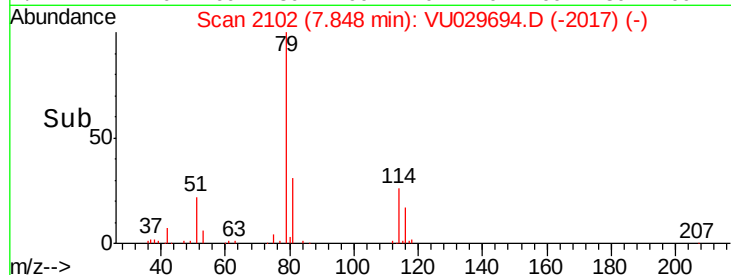
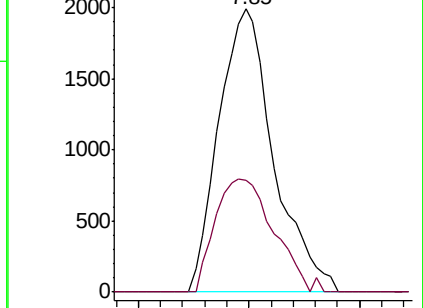
75 100

77 39.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029679.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU029679.D (-2092) (-)



#46

Tetrachloroethene

Concen: 74.161 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029694.D

Acq: 26 Feb 2019 20:02

Tgt Ion: 164 Resp: 222589

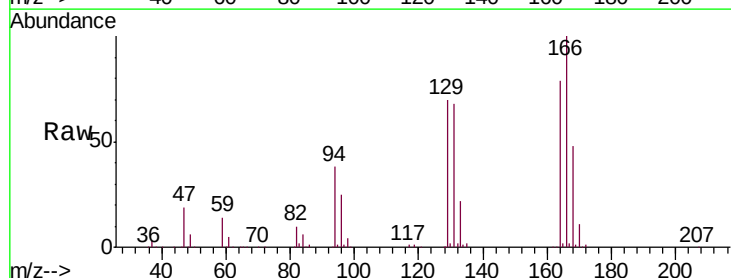
Ion Ratio Lower Upper

164 100

129 88.8 62.1 115.3

131 86.2 60.1 111.5

166 126.6 89.7 166.5

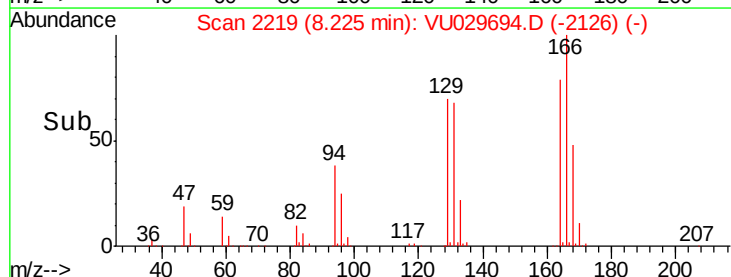
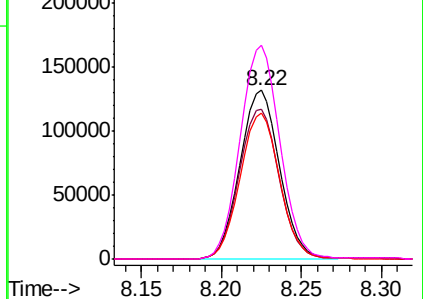


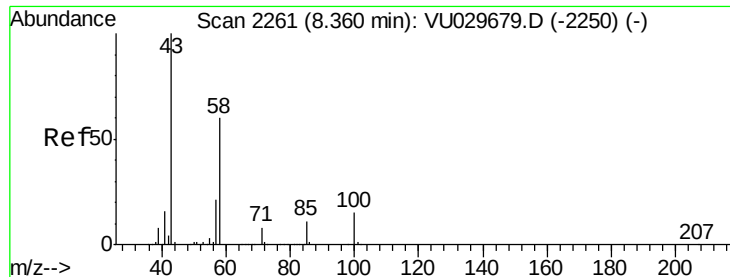
Abundance Ion 164.00 (163.70 to 164.70): VU029679.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU029679.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU029679.D (-2206) (-)

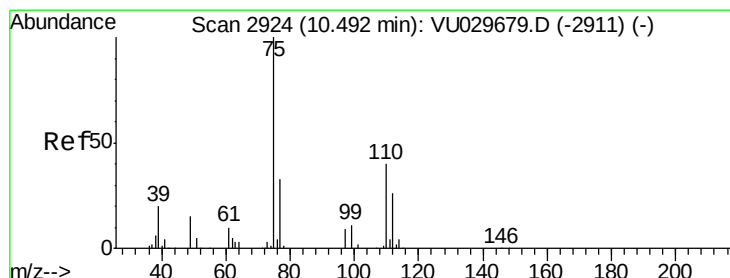
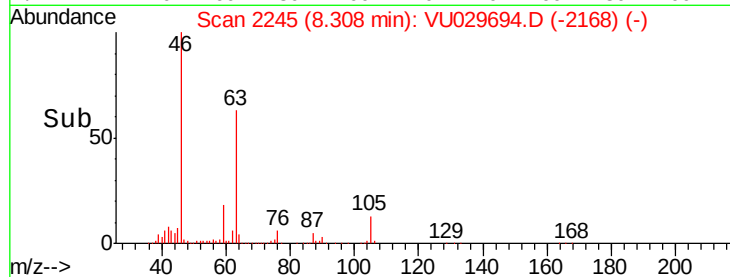
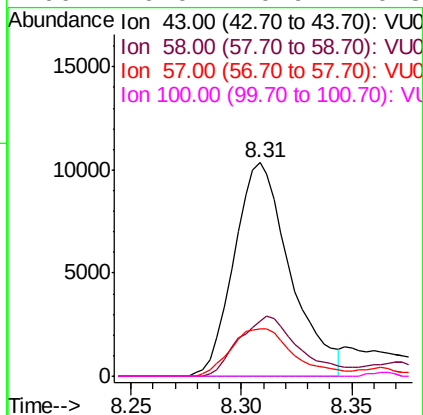
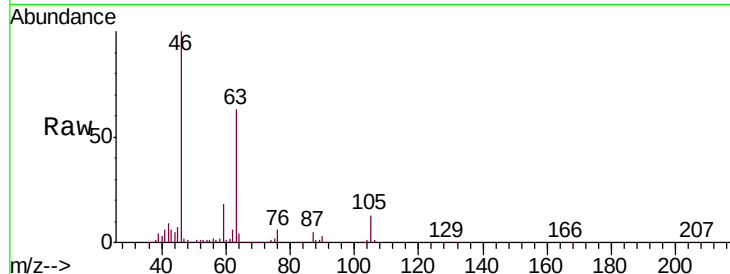
Ion 166.00 (165.70 to 166.70): VU029679.D (-2206) (-)





#48
 2-Hexanone
 Concen: 4.983 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029694.D
 Acq: 26 Feb 2019 20:02

Tgt Ion:	43	Resp:	18290
Ion	Ratio	Lower	Upper
43	100		
58	31.0	46.4	69.6#
57	25.0	15.7	23.5#
100	0.0	10.9	16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.143 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029694.D
 Acq: 26 Feb 2019 20:02

Tgt Ion:	75	Resp:	21913
Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.7	38.5

