

Data File : VU029695.D
Acq On : 26 Feb 2019 20:25
Operator : JC/SP
Sample : K1625-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 27 01:57:58 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	464965	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136178	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.68	69	127352	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.27	63	209827	31.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.02%
21) 2-Butanone-d5	4.17	46	268849	129.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.67%
24) Chloroform-d	4.65	84	279043	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	177529	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.34	84	596003	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	185468	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.84%
41) Toluene-d8	7.56	98	553555	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%
43) trans-1,3-Dichloropropene-	7.85	79	82379	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	221750	117.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296841	52.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	229499	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

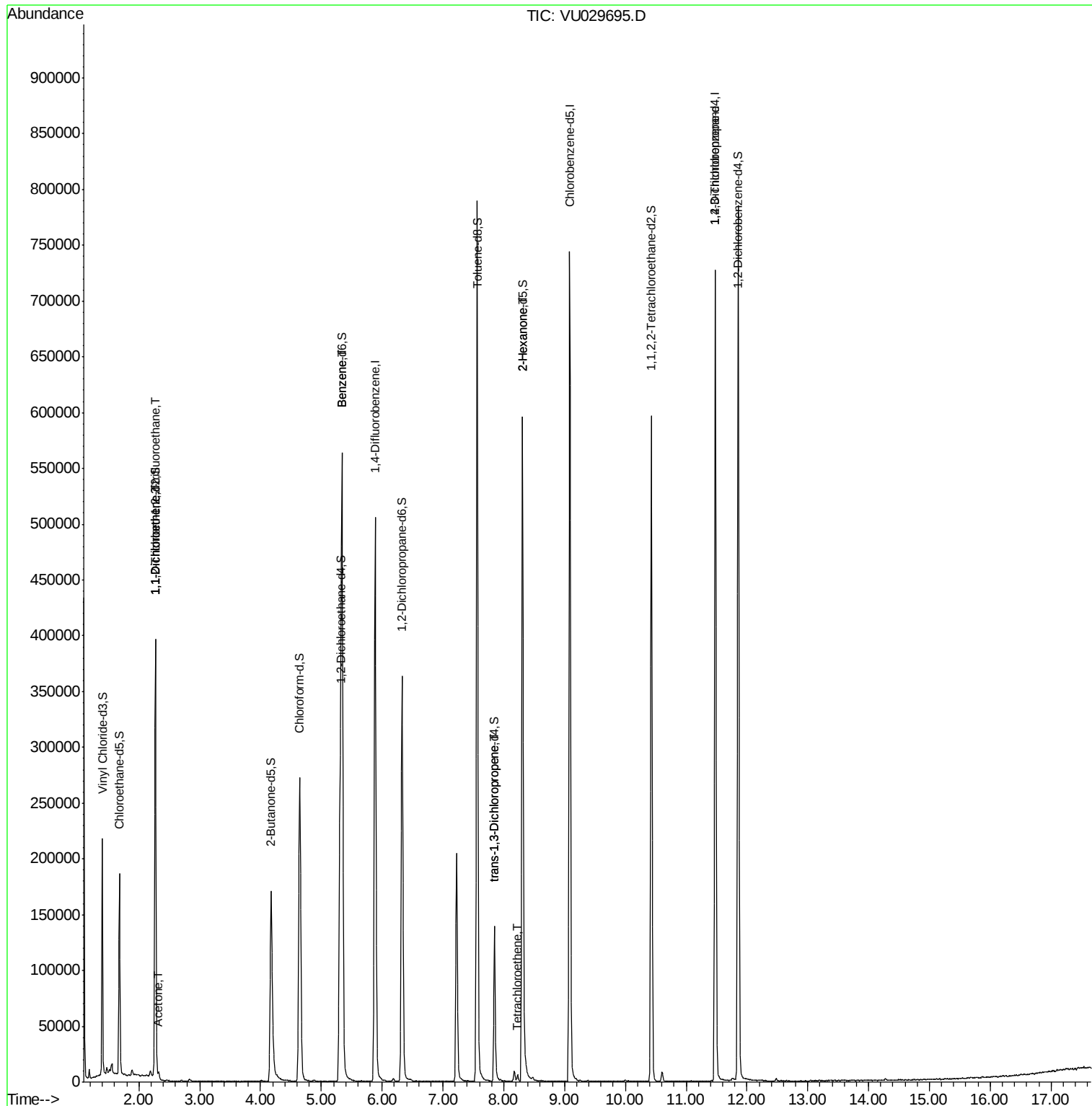
Target Compounds

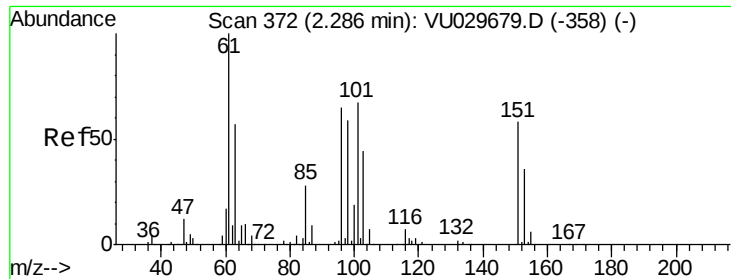
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2135	0.659 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1942	0.631 ug/L #	1
13) Acetone	2.32	43	5657	2.553 ug/L	90
33) Benzene	5.33	78	4491	0.393 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3535	0.774 ug/L	91
46) Tetrachloroethene	8.23	164	1455	0.482 ug/L	91
48) 2-Hexanone	8.31	43	21927	5.945 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21144	4.940 ug/L	93

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

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#10

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

Concen: 0.659 ug/L

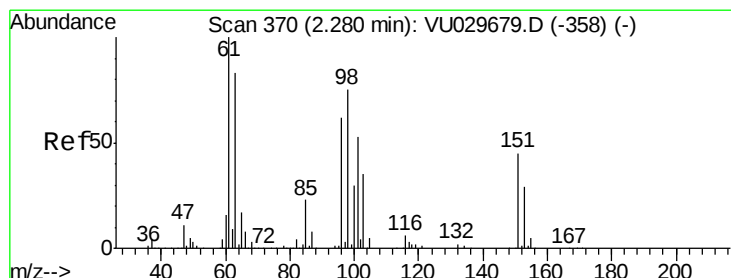
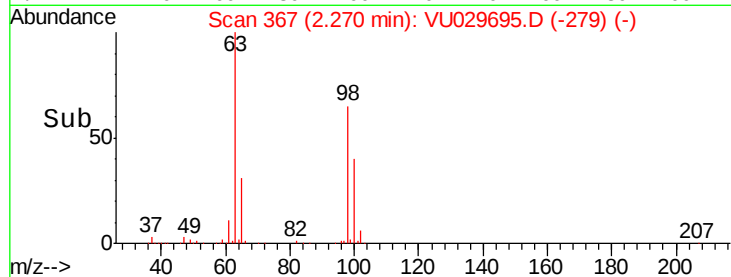
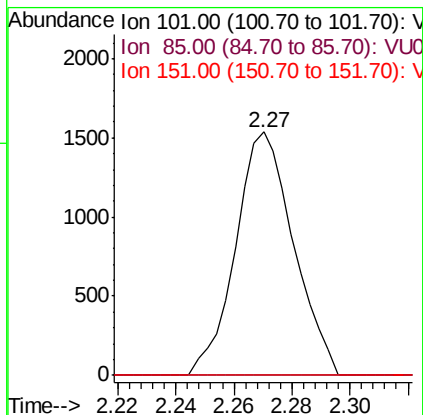
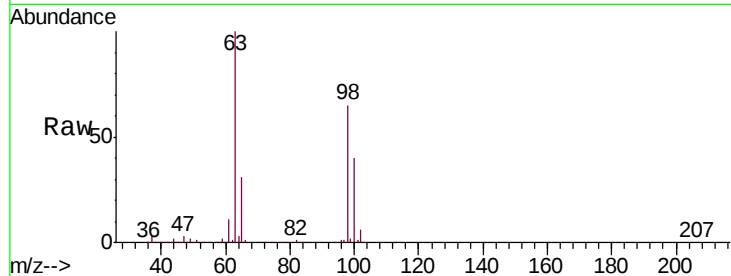
RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029695.D

Acq: 26 Feb 2019 20:25

Tgt Ion:	101	Resp:	2135
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.631 ug/L

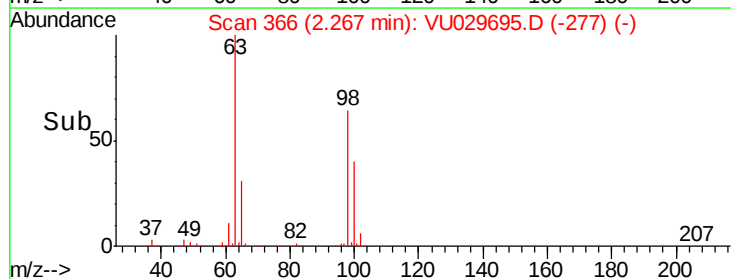
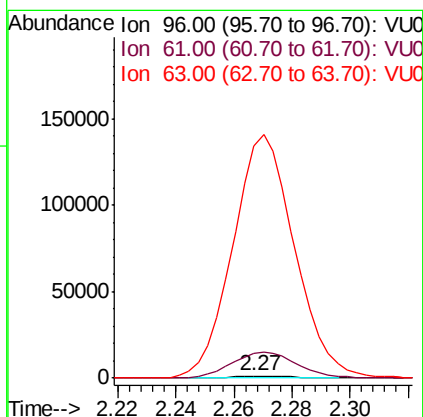
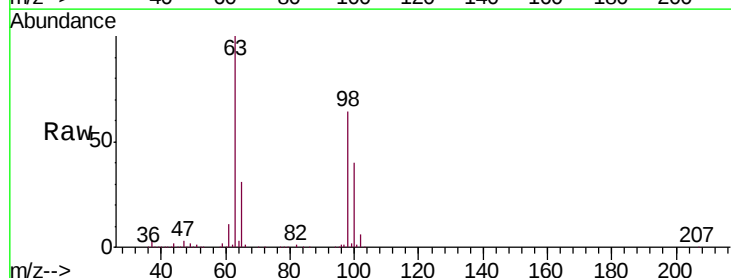
RT: 2.27 min Scan# 366

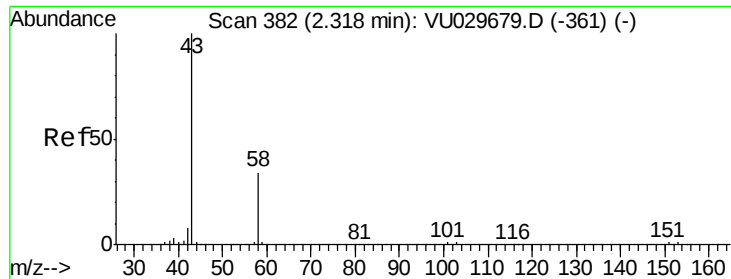
Delta R.T. -0.01 min

Lab File: VU029695.D

Acq: 26 Feb 2019 20:25

Tgt Ion:	96	Resp:	1942
Ion	Ratio	Lower	Upper
96	100		
61	1119.4	114.0	211.8#
63	10574.4	98.7	183.3#





#13

Acetone

Concen: 2.553 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029695.D

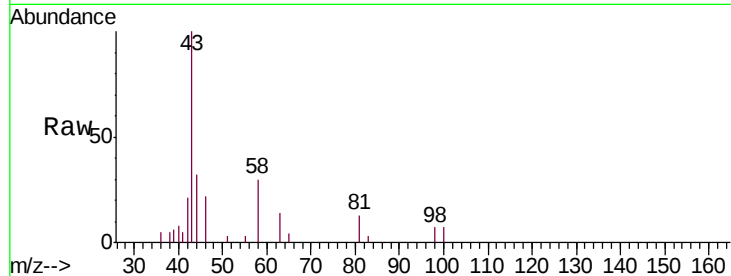
Acq: 26 Feb 2019 20:25

Tgt Ion: 43 Resp: 5657

Ion Ratio Lower Upper

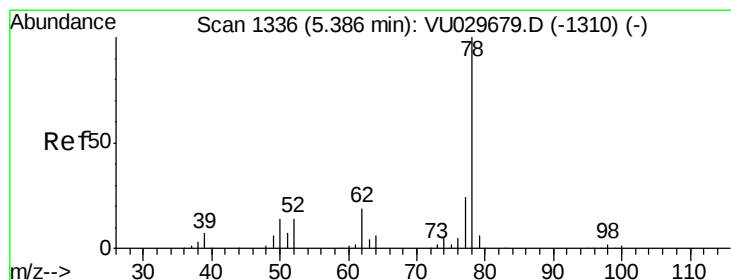
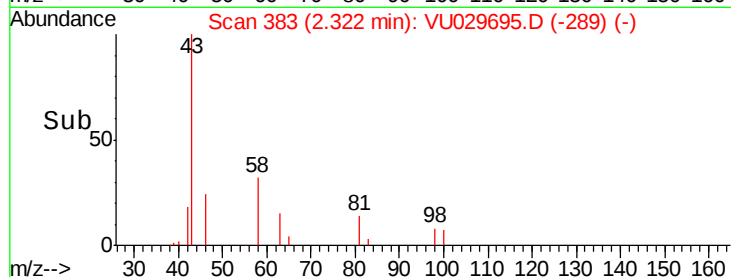
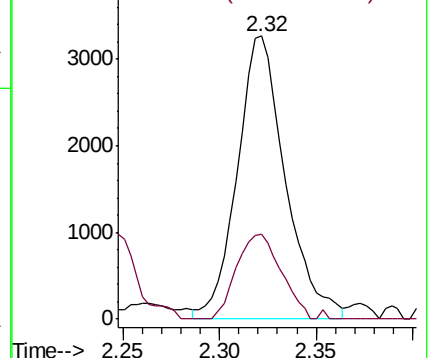
43 100

58 27.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 0.393 ug/L

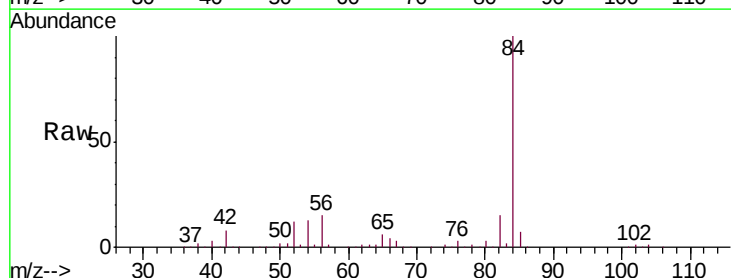
RT: 5.33 min Scan# 1320

Delta R.T. -0.05 min

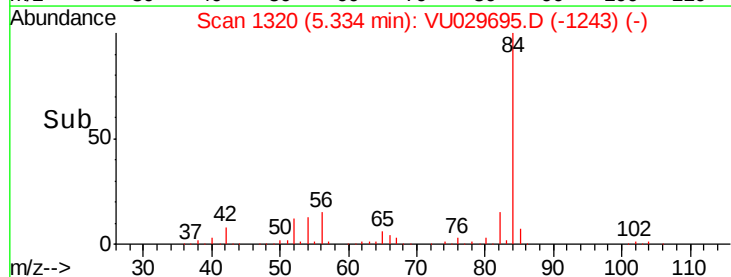
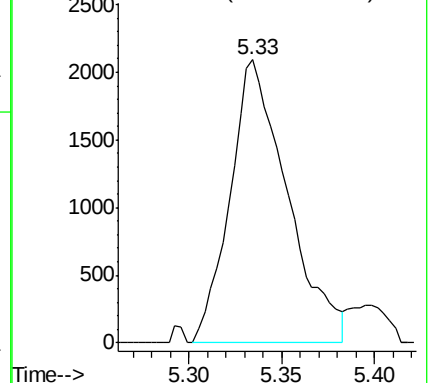
Lab File: VU029695.D

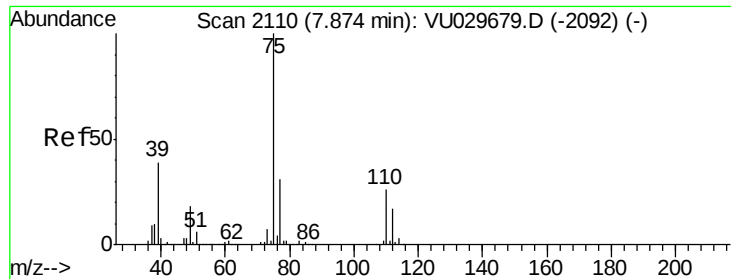
Acq: 26 Feb 2019 20:25

Tgt Ion: 78 Resp: 4491



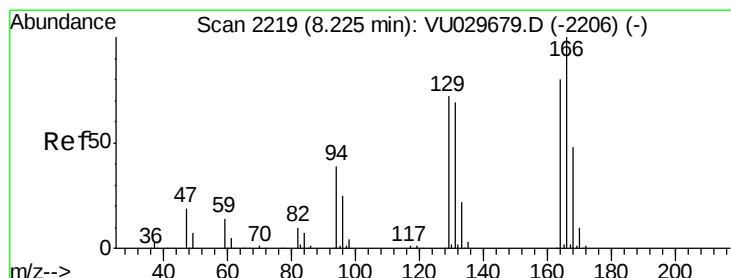
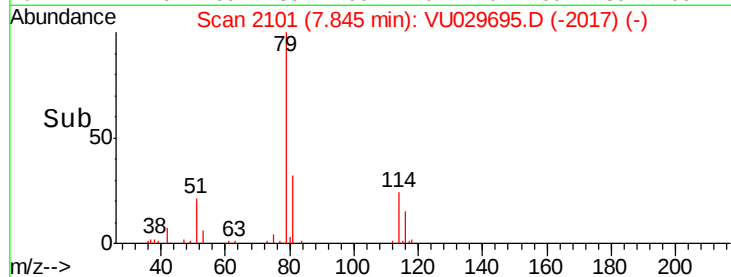
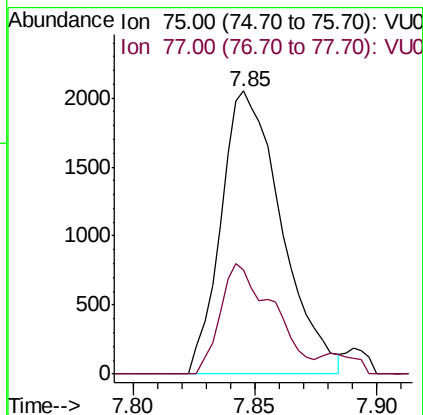
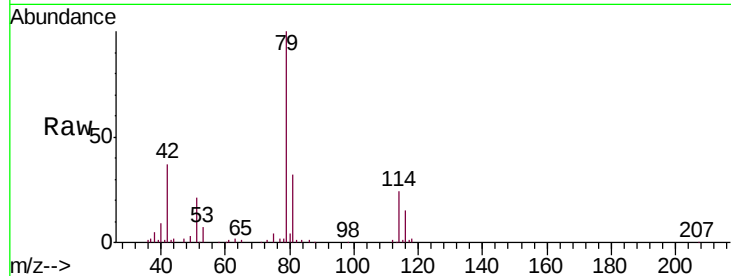
Abundance Ion 78.00 (77.70 to 78.70): VU0





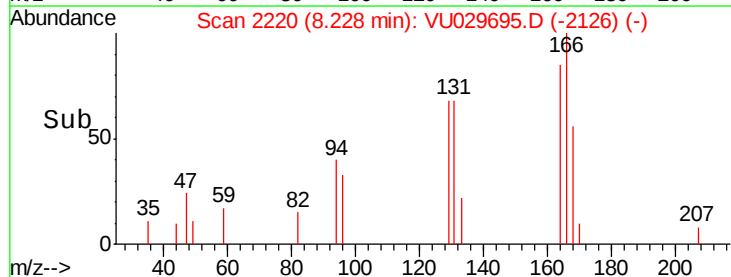
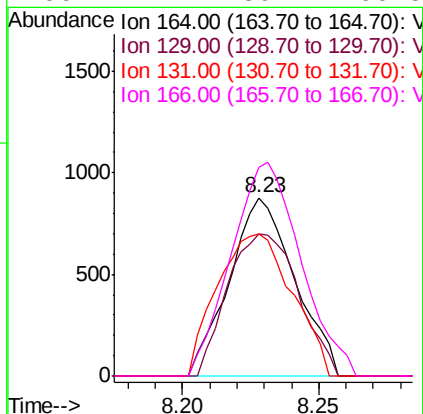
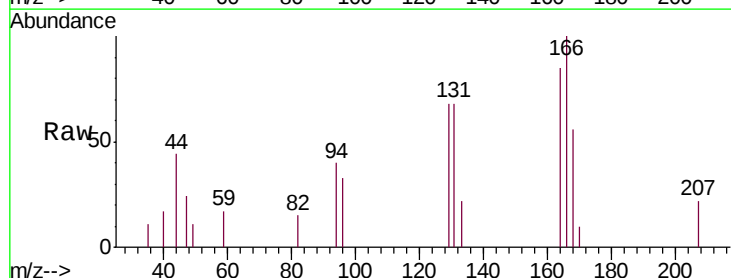
#44
trans-1,3-Dichloropropene
Concen: 0.774 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029695.D
Acq: 26 Feb 2019 20:25

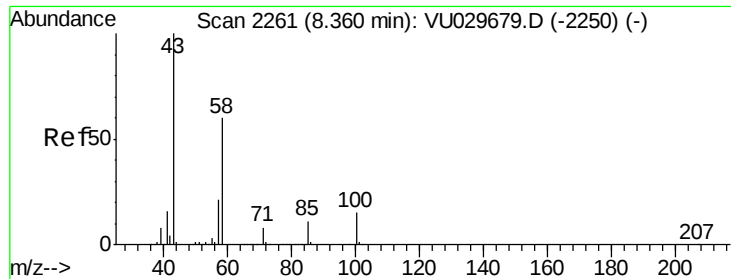
Tgt Ion: 75 Resp: 3535
Ion Ratio Lower Upper
75 100
77 36.8 22.1 41.1



#46
Tetrachloroethene
Concen: 0.482 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029695.D
Acq: 26 Feb 2019 20:25

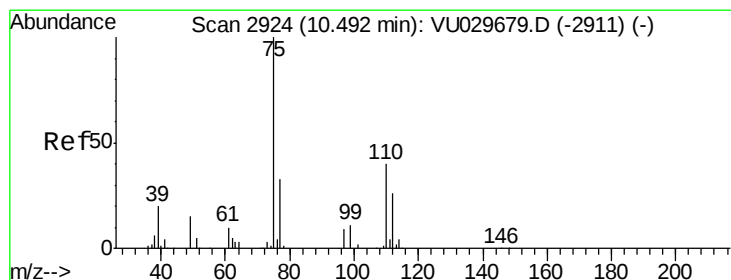
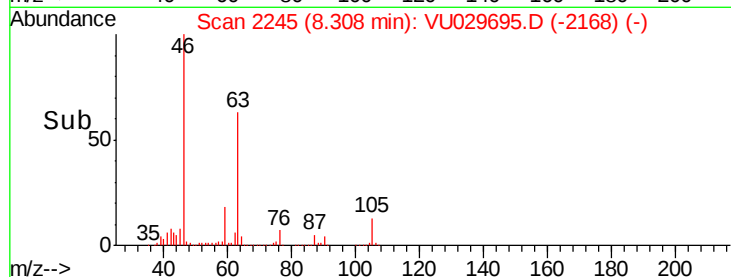
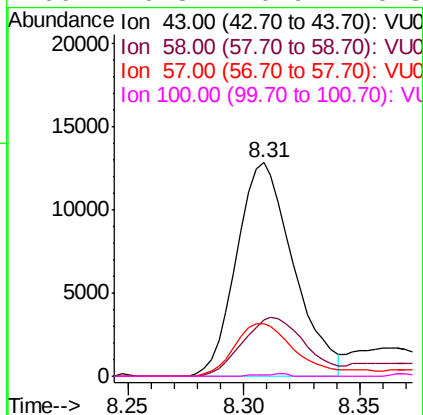
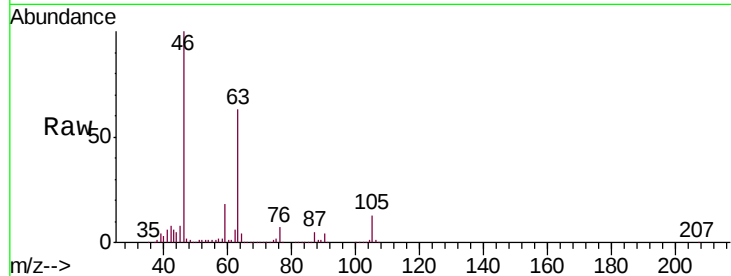
Tgt Ion: 164 Resp: 1455
Ion Ratio Lower Upper
164 100
129 79.7 62.1 115.3
131 79.9 60.1 111.5
166 117.2 89.7 166.5





#48
 2-Hexanone
 Concen: 5.945 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029695.D
 Acq: 26 Feb 2019 20:25

Tgt Ion:	43	Resp:	21927
Ion	Ratio	Lower	Upper
43	100		
58	31.0	46.4	69.6#
57	26.1	15.7	23.5#
100	0.3	10.9	16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.940 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029695.D
 Acq: 26 Feb 2019 20:25

Tgt Ion:	75	Resp:	21144
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.7	38.5

