

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025496.D
 Acq On : 18 Jul 2018 14:51
 Operator : MD/SY
 Sample : J3986-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 19 01:09:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	322895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64289	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.68	69	58828	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.28	63	162810	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
21) 2-Butanone-d5	4.18	46	144760	89.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.34%
24) Chloroform-d	4.65	84	177958	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.31	65	124307	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.35	84	338718	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.34	67	113950	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	314612	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	55920	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.31	63	104327	85.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156944	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	133047	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%

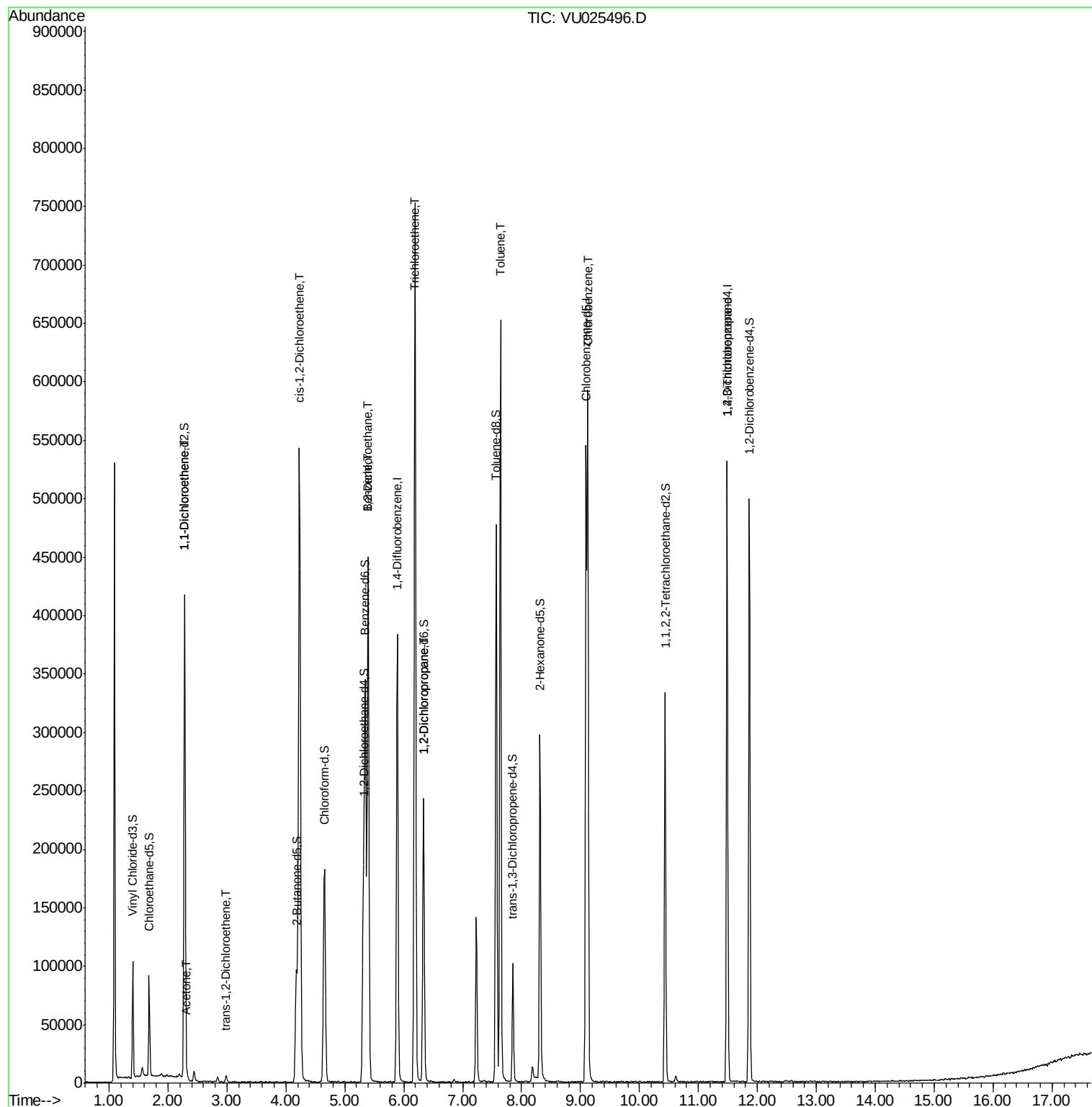
Target Compounds

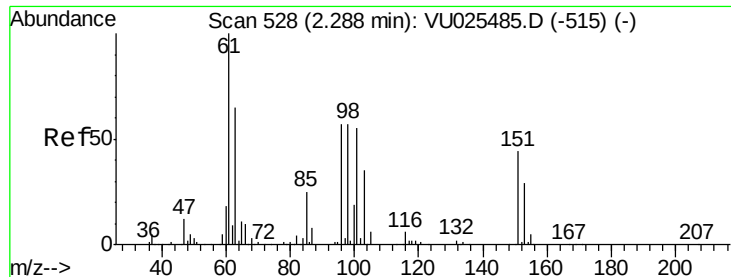
					Qvalue
12) 1,1-Dichloroethene	2.29	96	92268	52.720	ug/L 98
13) Acetone	2.32	43	3075	2.173	ug/L 97
17) trans-1,2-Dichloroethene	2.99	96	2675	1.292	ug/L 79
20) cis-1,2-Dichloroethene	4.23	96	302274	119.262	ug/L 100
27) 1,2-Dichloroethane	5.40	62	4554	1.260	ug/L # 77
33) Benzene	5.39	78	435336	50.049	ug/L 100
34) Trichloroethene	6.19	95	253154	109.943	ug/L 99
37) 1,2-Dichloropropane	6.33	63	12854	5.357	ug/L # 88
42) Toluene	7.64	91	470239	50.702	ug/L 100
51) Chlorobenzene	9.12	112	303087	48.703	ug/L 99
59) 1,2,3-Trichloropropane	11.49	75	14913	4.674	ug/L # 86

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025496.D
Acq On : 18 Jul 2018 14:51
Operator : MD/SY
Sample : J3986-08MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 19 01:09:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 52.720 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

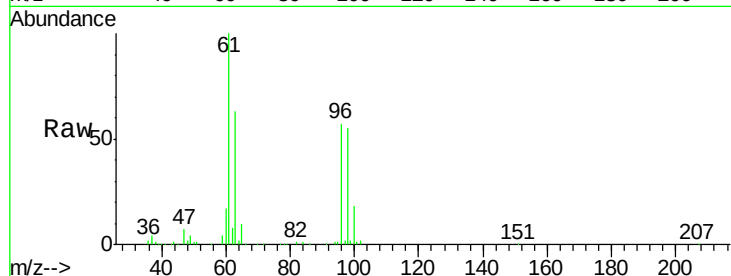
Tgt Ion: 96 Resp: 92268

Ion Ratio Lower Upper

96 100

61 174.7 120.6 224.0

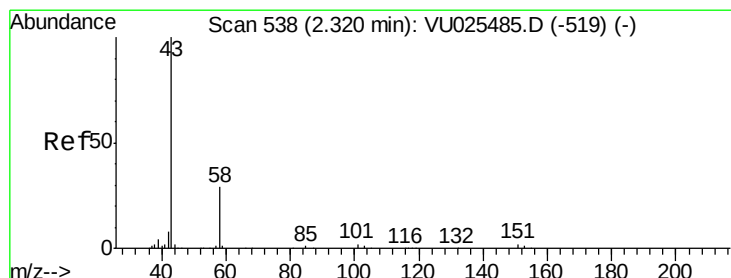
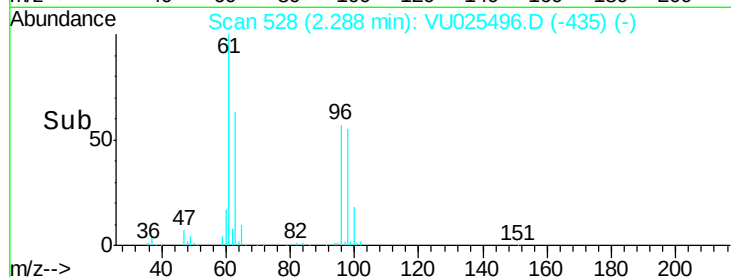
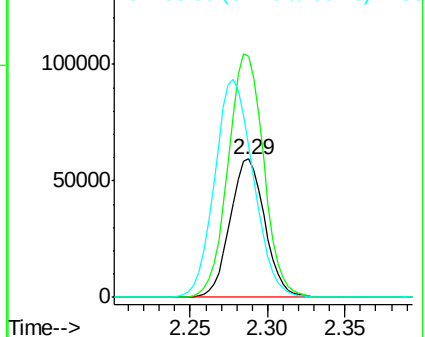
63 110.1 79.3 147.3



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: 2.173 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025496.D

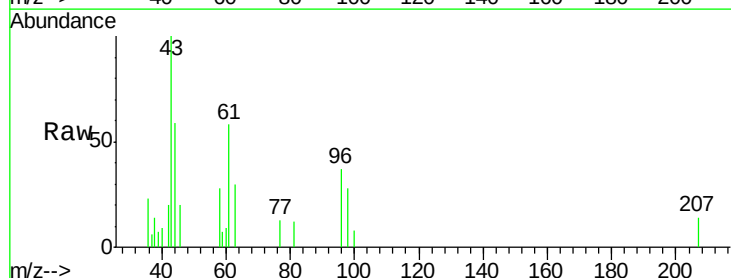
Acq: 18 Jul 2018 14:51

Tgt Ion: 43 Resp: 3075

Ion Ratio Lower Upper

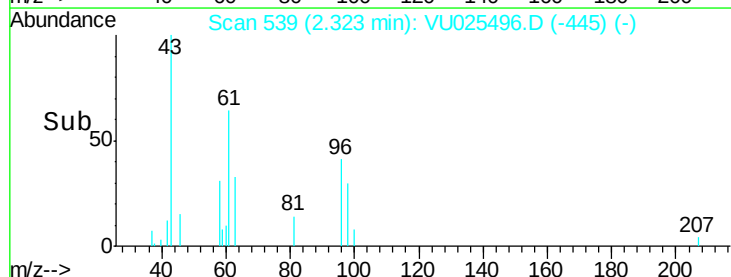
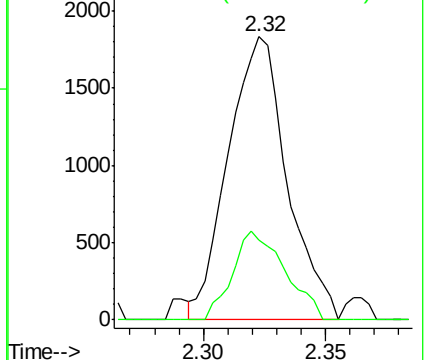
43 100

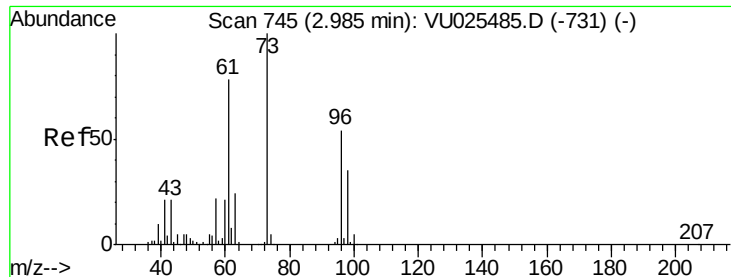
58 27.9 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 1.292 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

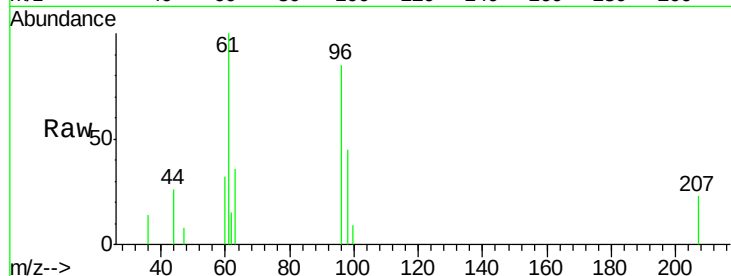
Tgt Ion: 96 Resp: 2675

Ion Ratio Lower Upper

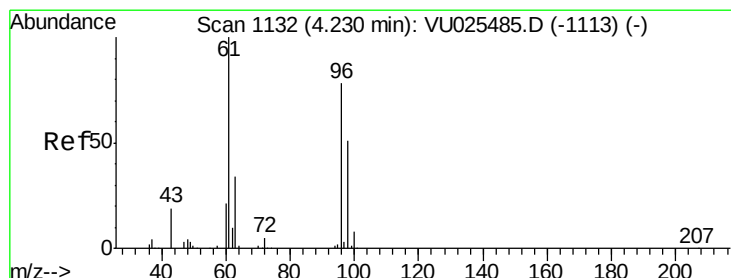
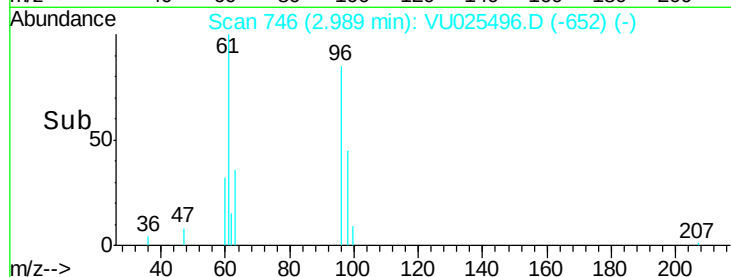
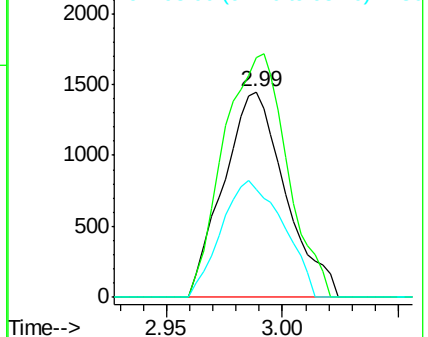
96 100

61 117.0 103.6 192.4

98 52.9 44.8 83.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 119.262 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

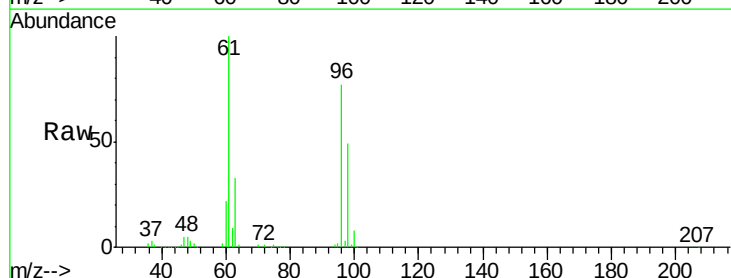
Tgt Ion: 96 Resp: 302274

Ion Ratio Lower Upper

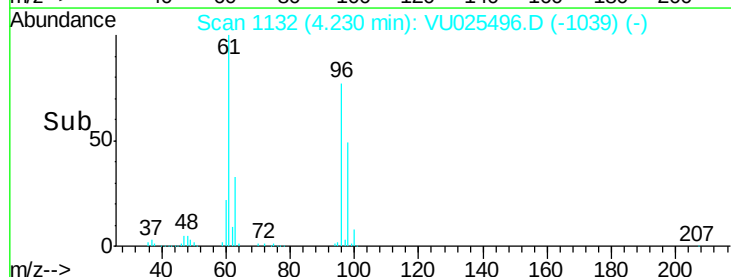
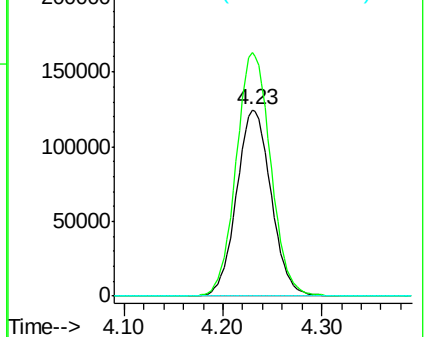
96 100

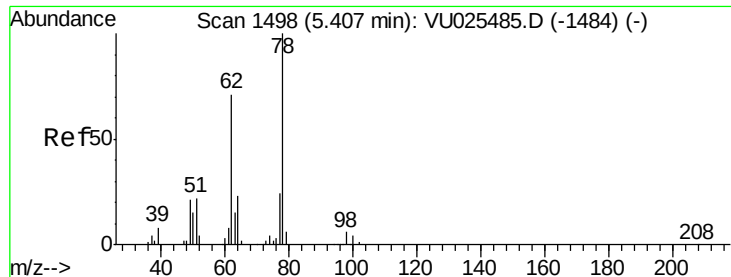
61 130.6 91.7 170.3

68 0.0 0.0 0.0



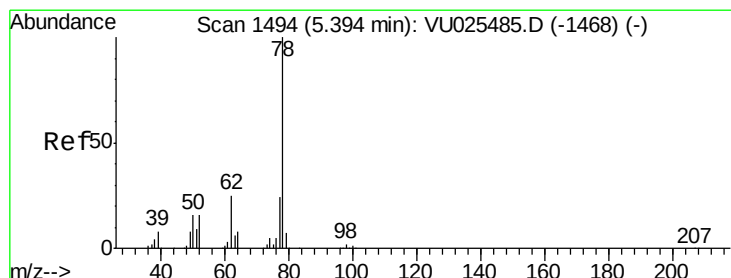
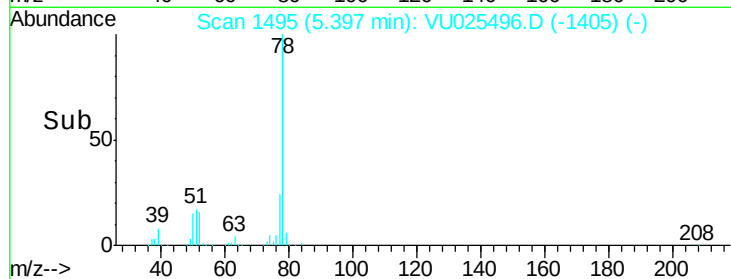
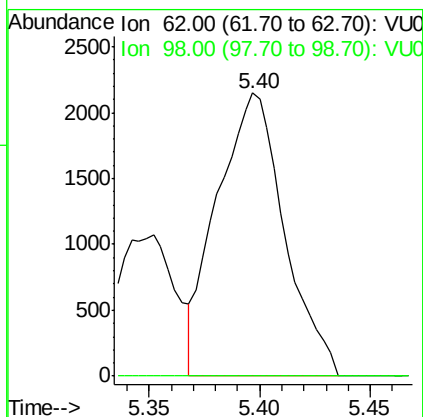
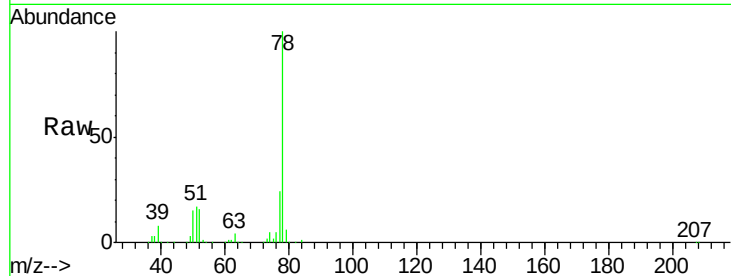
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





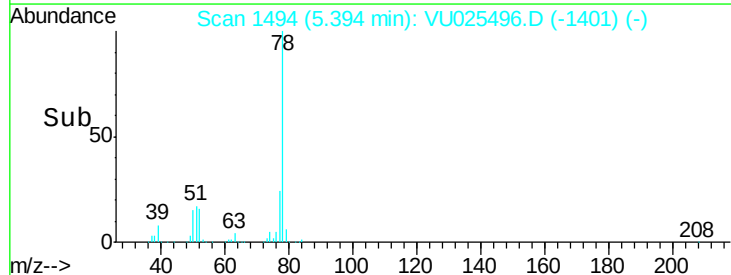
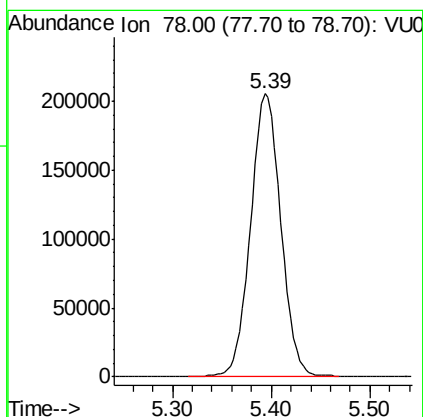
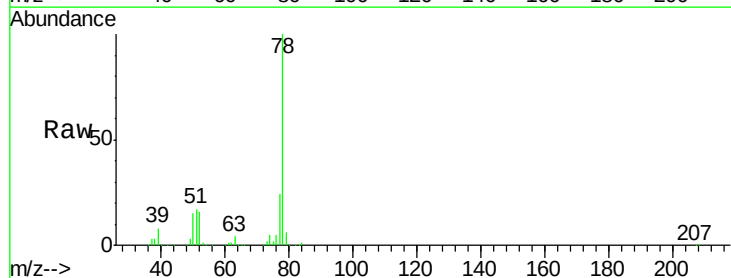
#27
 1,2-Dichloroethane
 Concen: 1.260 ug/L
 RT: 5.40 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: VU025496.D
 Acq: 18 Jul 2018 14:51

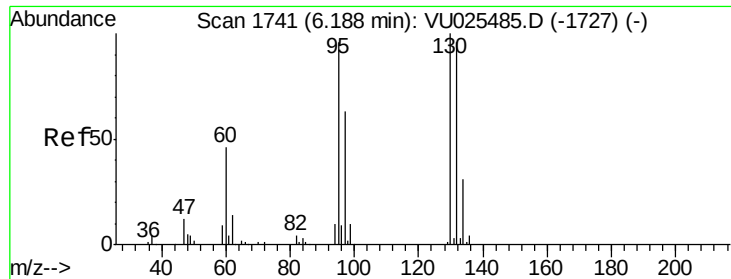
Tgt Ion: 62 Resp: 4554
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#



#33
 Benzene
 Concen: 50.049 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU025496.D
 Acq: 18 Jul 2018 14:51

Tgt Ion: 78 Resp: 435336





#34

Trichloroethene

Concen: 109.943 ug/L

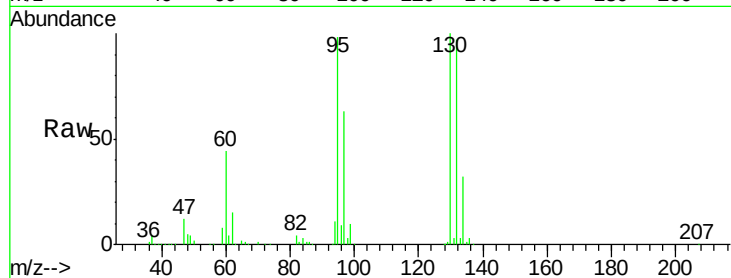
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

Tgt Ion:	95	Resp:	253154
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.9	85.3
132	99.6	68.2	126.6
130	102.4	71.8	133.4



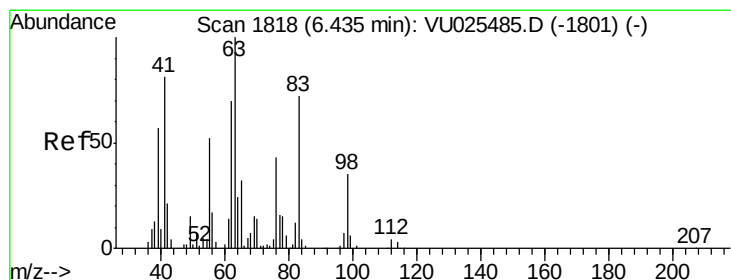
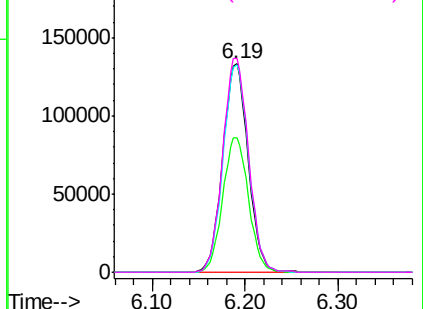
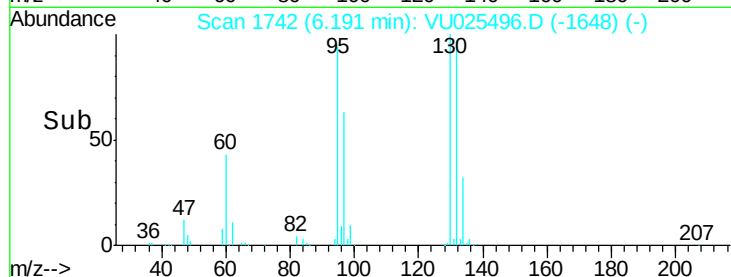
Abundance

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



#37

1,2-Dichloropropane

Concen: 5.357 ug/L

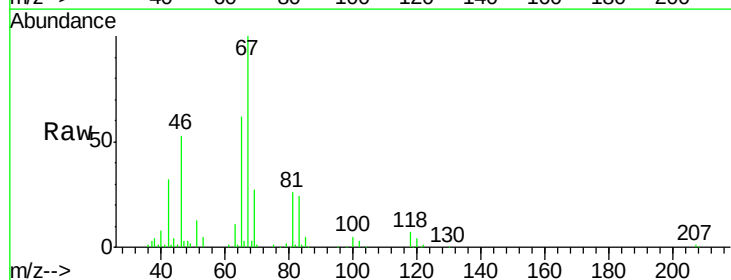
RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

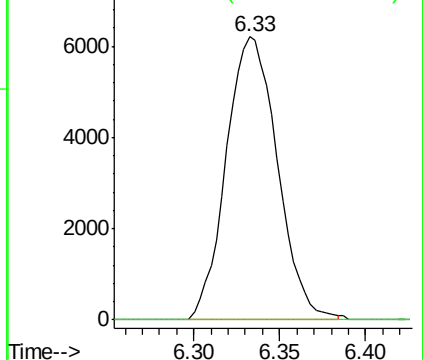
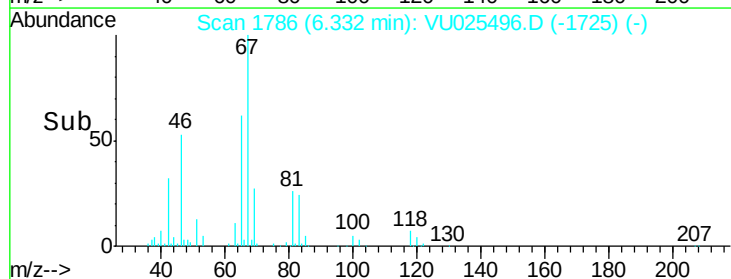
Tgt Ion:	63	Resp:	12854
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

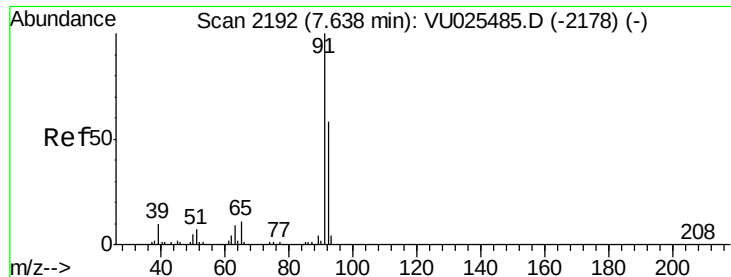


Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 50.702 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025496.D

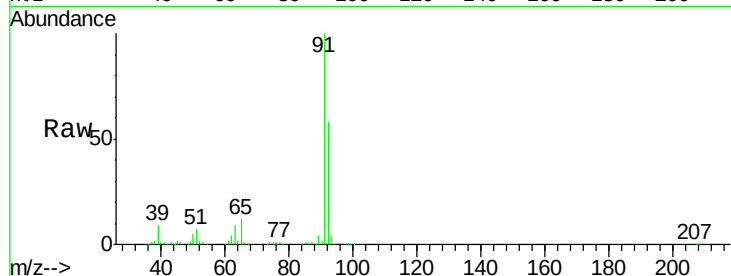
Acq: 18 Jul 2018 14:51

Tgt Ion: 91 Resp: 470239

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU025485.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU025485.D (-2178) (-)

7.64

300000

250000

200000

150000

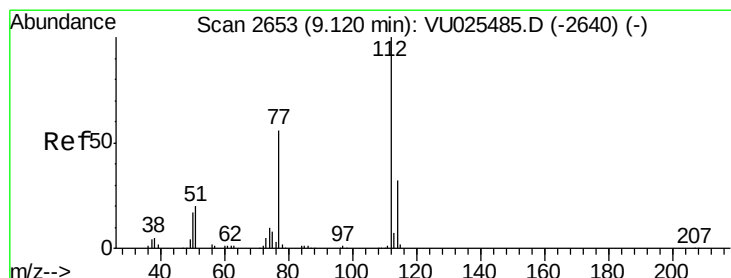
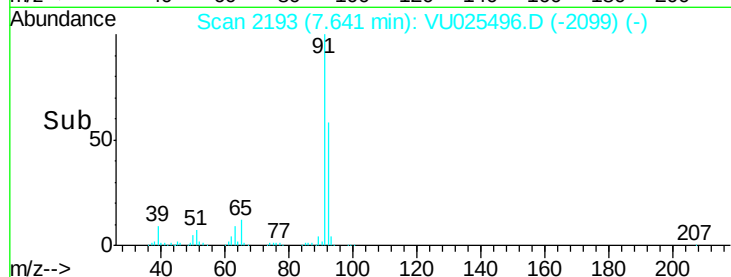
100000

50000

0

7.60 7.70

Time-->



#51

Chlorobenzene

Concen: 48.703 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

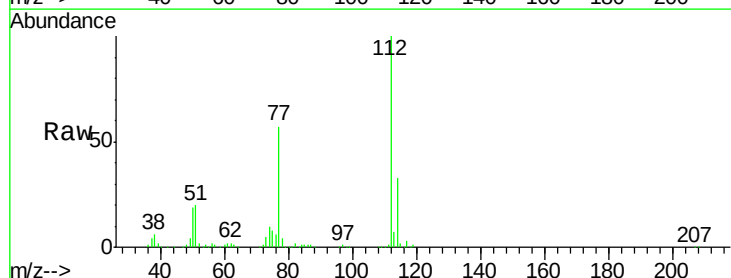
Tgt Ion: 112 Resp: 303087

Ion Ratio Lower Upper

112 100

114 33.4 22.8 42.4

77 56.7 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): VU025485.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU025485.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU025485.D (-2640) (-)

9.12

250000

200000

150000

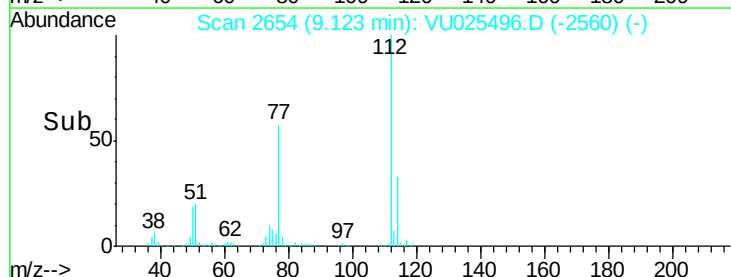
100000

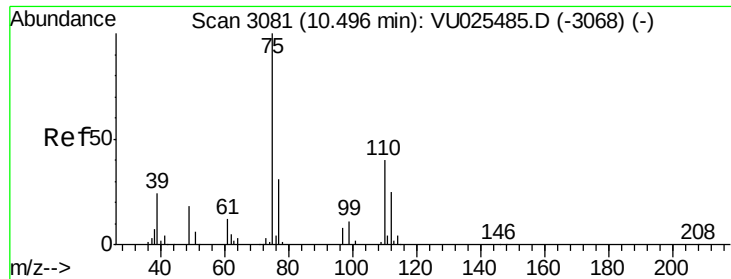
50000

0

9.05 9.10 9.15 9.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.674 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025496.D

Acq: 18 Jul 2018 14:51

Tgt Ion: 75 Resp: 14913

Ion Ratio Lower Upper

75 100

77 40.7 26.2 39.2#

