

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026006.D
 Acq On : 09 Aug 2018 19:14
 Operator : MD/SY
 Sample : J4361-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:18:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89046	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.92%
7) Chloroethane-d5	1.68	69	77521	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.27	63	139816	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	4.18	46	172025	96.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.65	84	211721	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.31	65	148581	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
32) Benzene-d6	5.35	84	407887	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
36) 1,2-Dichloropropane-d6	6.33	67	133916	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.57	98	366592	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	65302	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.31	63	120104	95.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188760	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	155839	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

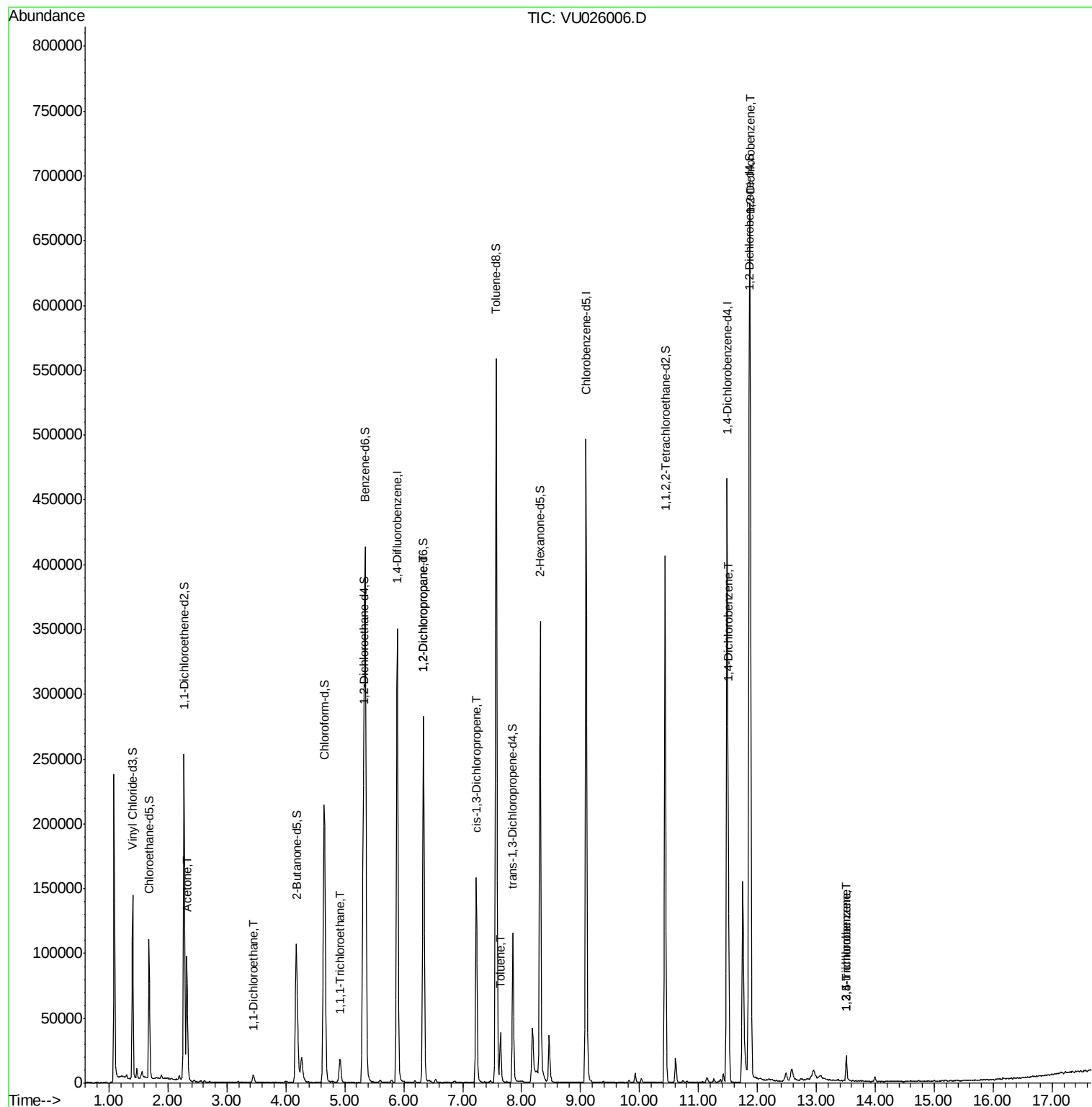
					Ovalue
13) Acetone	2.32	43	98291	88.389	ug/L 99
19) 1,1-Dichloroethane	3.45	63	7123	1.943	ug/L 95
30) 1,1,1-Trichloroethane	4.91	97	14766	4.258	ug/L 96
37) 1,2-Dichloropropane	6.33	63	14553	6.794	ug/L # 88
39) cis-1,3-Dichloropropene	7.23	75	4132	1.273	ug/L # 66
42) Toluene	7.64	91	26027	3.132	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	42998	10.730	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	155435	38.199	ug/L 100
67) 1,3,5-Trichlorobenzene	13.51	180	6502	2.276	ug/L 97
68) 1,2,4-trichlorobenzene	13.51	180	6502	2.691	ug/L 97

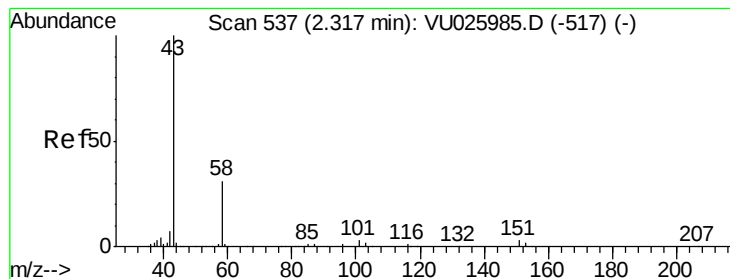
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 88.389 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026006.D

Acq: 09 Aug 2018 19:14

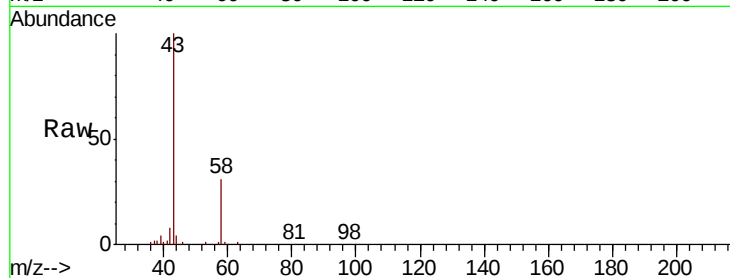
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 98291

Ion Ratio Lower Upper

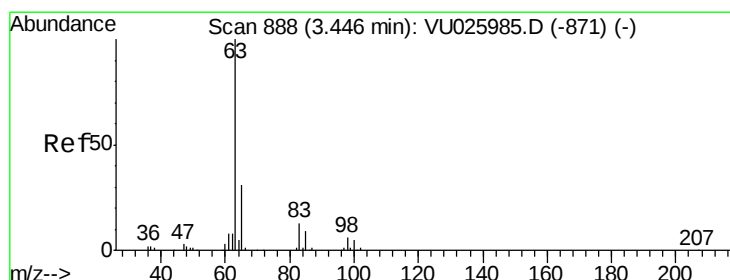
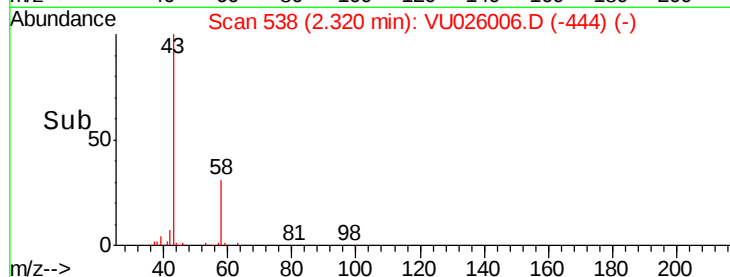
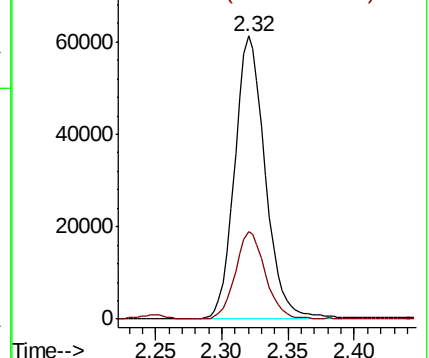
43 100

58 30.2 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#19

1,1-Dichloroethane

Concen: 1.943 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU026006.D

Acq: 09 Aug 2018 19:14

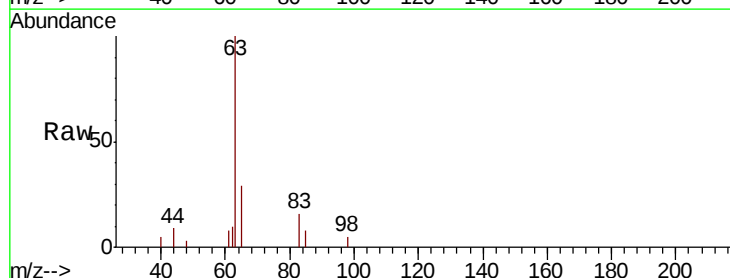
Tgt Ion: 63 Resp: 7123

Ion Ratio Lower Upper

63 100

65 28.6 22.4 41.6

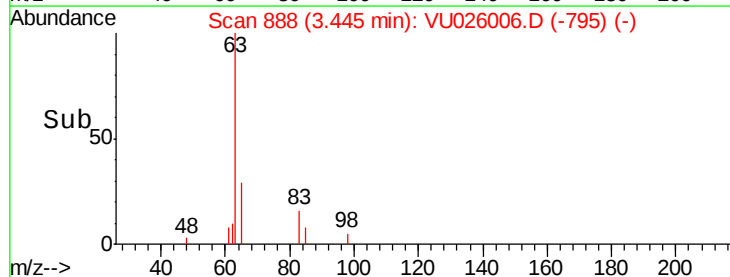
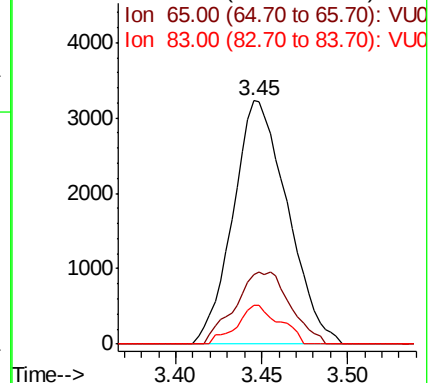
83 16.1 10.1 18.9

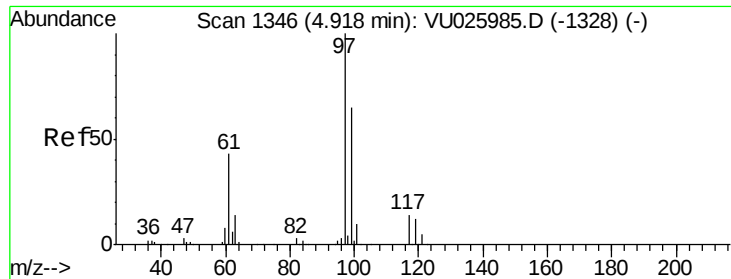


Abundance Ion 63.00 (62.70 to 63.70): VU025985.D (-871) (-)

Ion 65.00 (64.70 to 65.70): VU025985.D (-871) (-)

Ion 83.00 (82.70 to 83.70): VU025985.D (-871) (-)

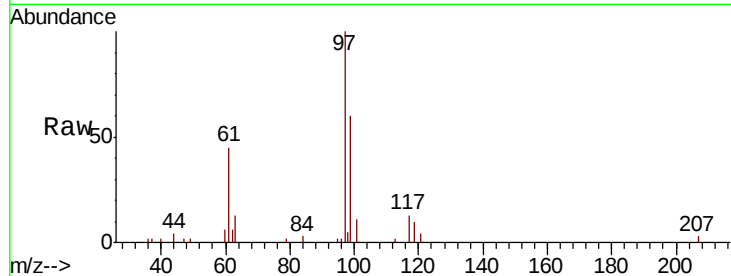




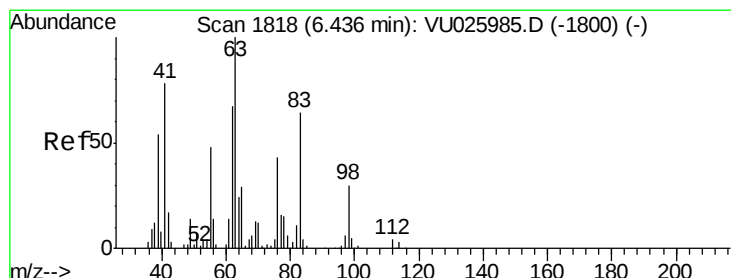
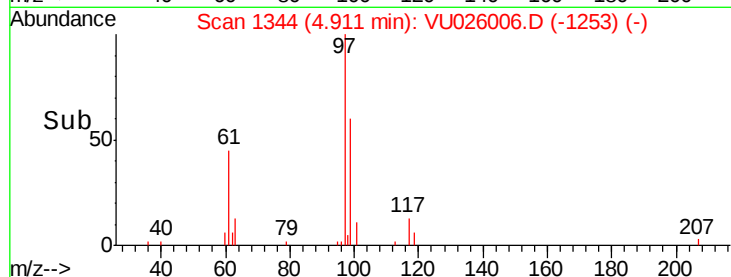
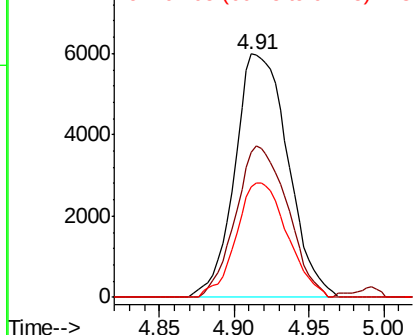
#30
 1,1,1-Trichloroethane
 Concen: 4.258 ug/L
 RT: 4.91 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 14766
 Ion Ratio Lower Upper
 97 100
 99 60.7 51.8 77.6
 61 45.2 34.7 52.1

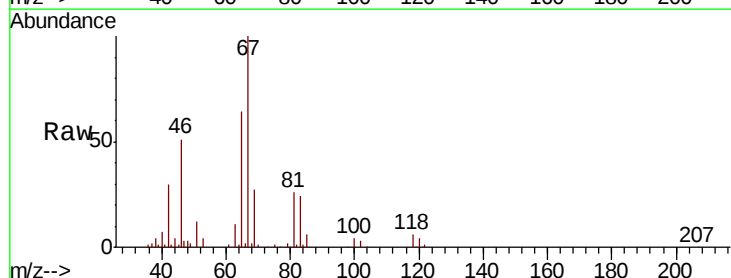


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

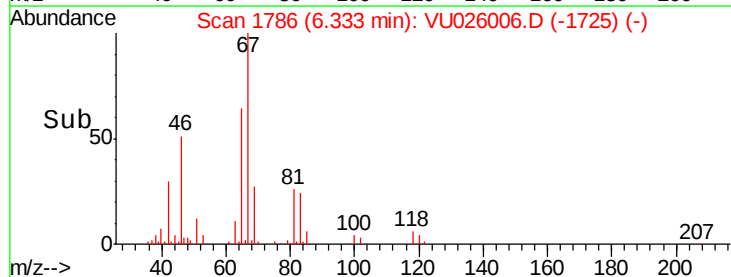
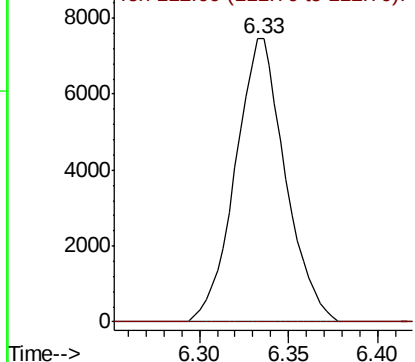


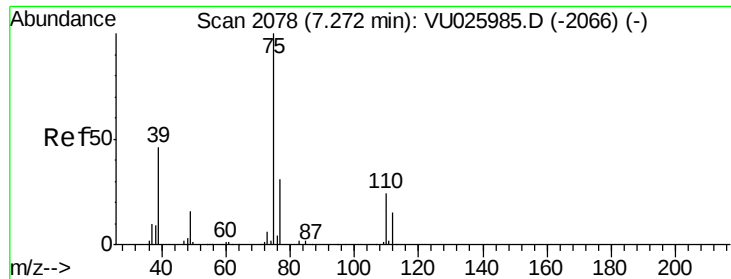
#37
 1,2-Dichloropropane
 Concen: 6.794 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Tgt Ion: 63 Resp: 14553
 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

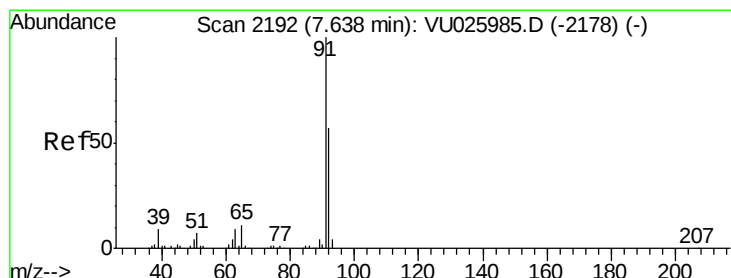
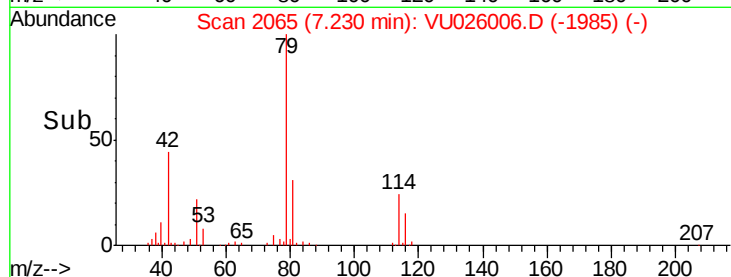
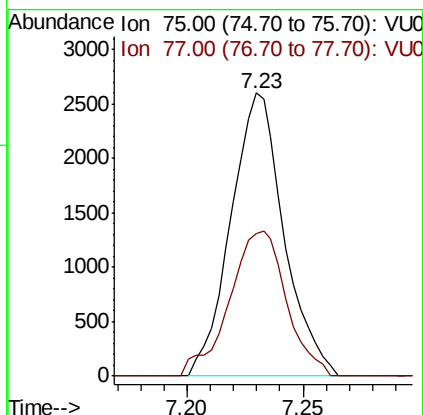
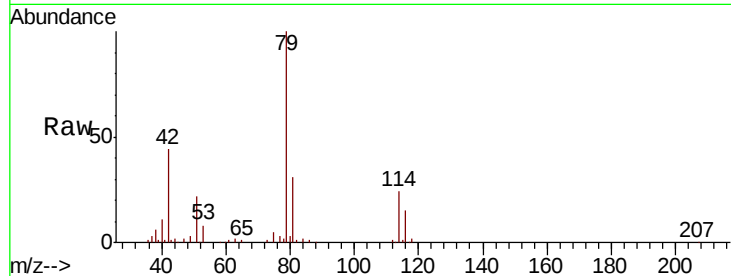




#39
 cis-1,3-Dichloropropene
 Concen: 1.273 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

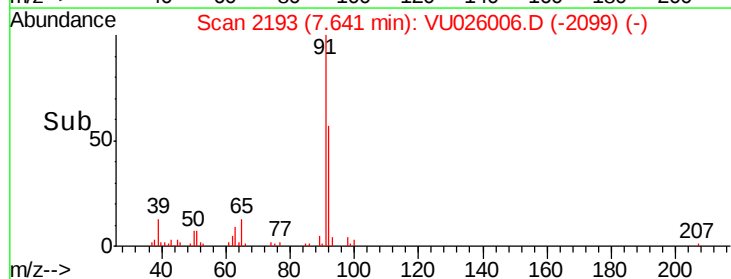
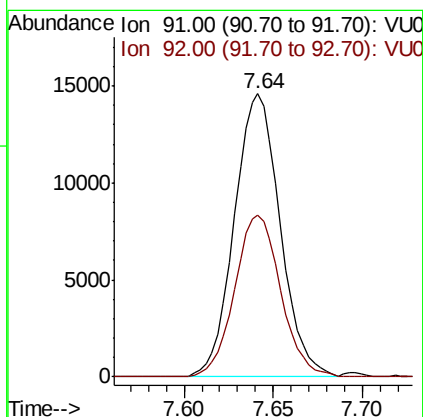
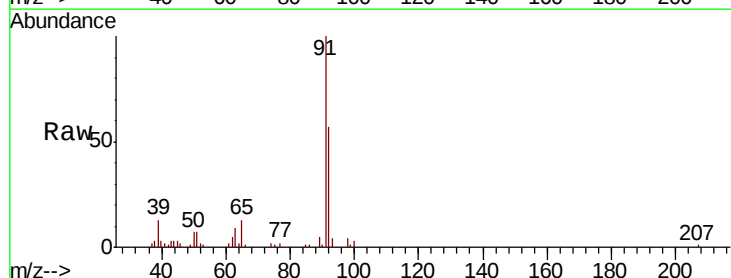
Instrument :
 MSVOA_U
 ClientSampleId :

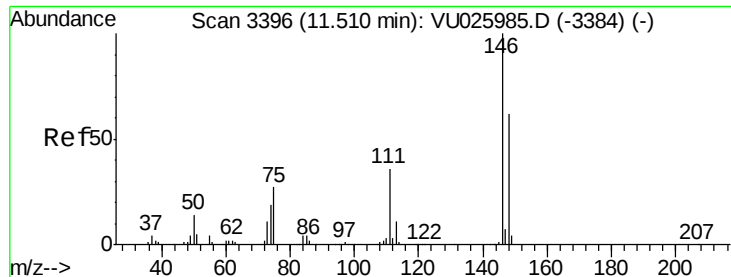
Tot Ion: 75 Resp: 4132
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.1 41.1#



#42
 Toluene
 Concen: 3.132 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Tgt Ion: 91 Resp: 26027
 Ion Ratio Lower Upper
 91 100
 92 57.1 41.0 76.2

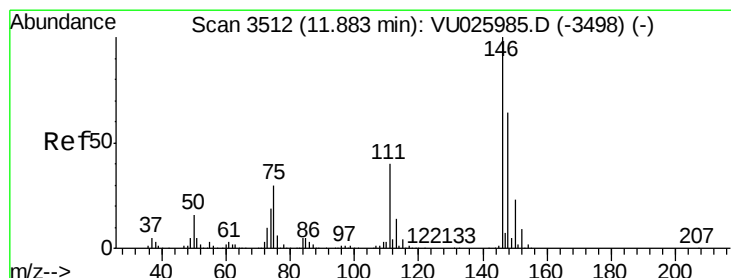
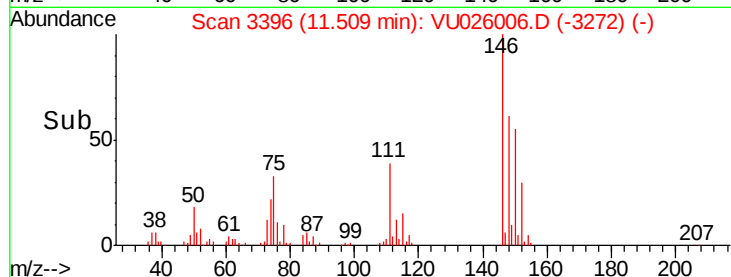
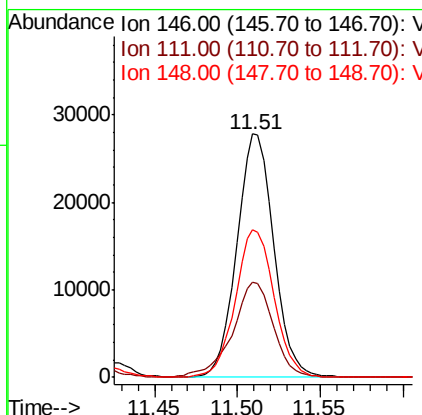
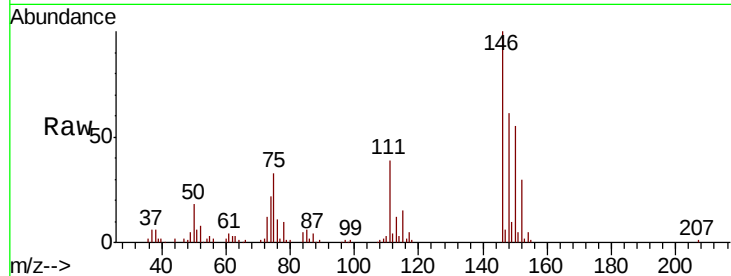




#63
 1,4-Dichlorobenzene
 Concen: 10.730 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

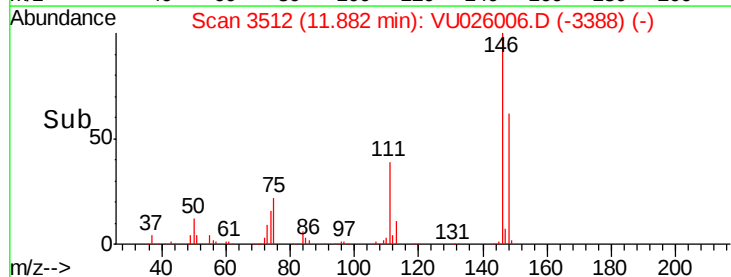
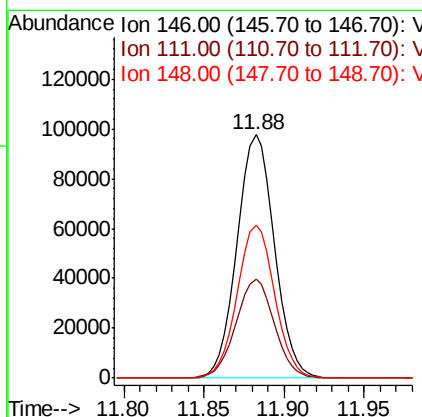
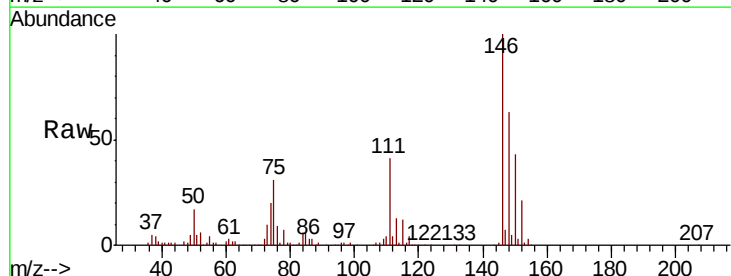
Instrument :
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 ClientSampleId :

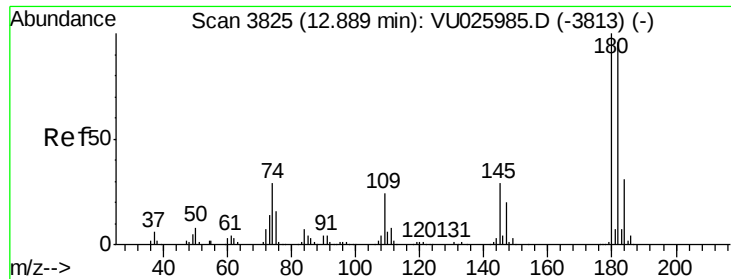
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.4	49.0
148	60.8	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 38.199 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	62.8	50.1	75.1

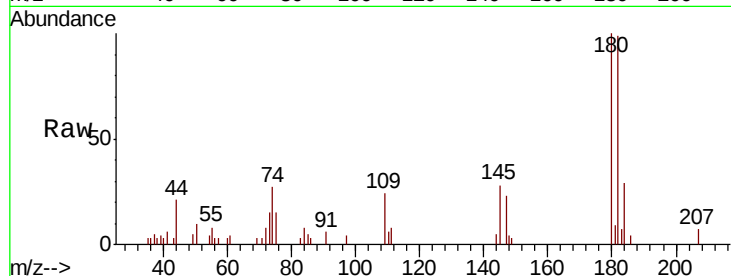




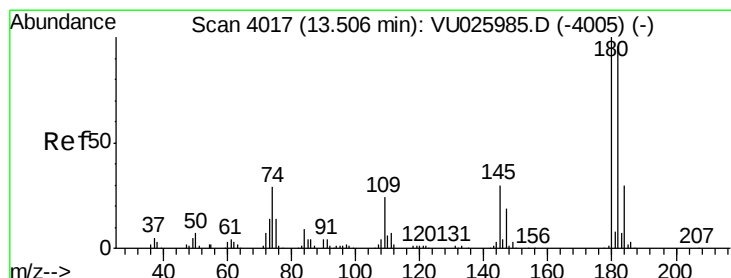
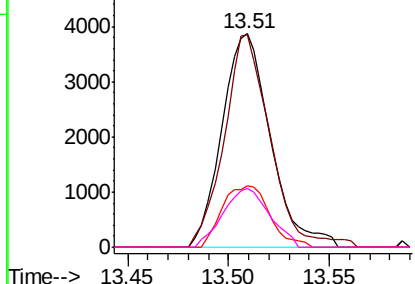
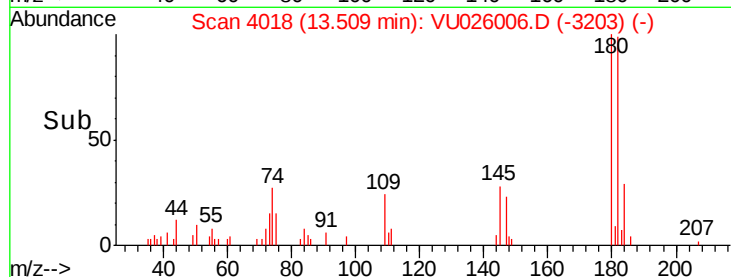
#67
 1,3,5-Trichlorobenzene
 Concen: 2.276 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 6502
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.5 114.7
 184 28.2 24.3 36.5
 145 26.5 23.5 35.3

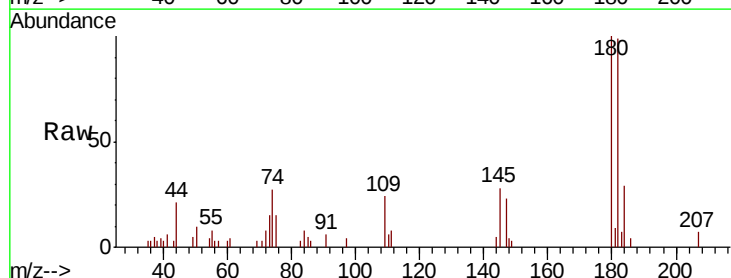


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 2.691 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026006.D
 Acq: 09 Aug 2018 19:14

Tgt Ion:180 Resp: 6502
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.5 114.7
 145 26.5 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

