

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025795.D
 Acq On : 02 Aug 2018 14:16
 Operator : MD/SY
 Sample : J4209-04ME 10X
 Misc : 6.41g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9ME

Quant Time: Aug 03 04:29:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 04:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	351810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	330419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	190690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65841	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.56%
7) Chloroethane-d5	1.67	69	61113	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.78%
11) 1,1-Dichloroethene-d2	2.27	63	108770	26.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.02%#
21) 2-Butanone-d5	4.18	46	144278	93.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.05%
24) Chloroform-d	4.65	84	171695	38.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.76%
26) 1,2-Dichloroethane-d4	5.31	65	120944	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
32) Benzene-d6	5.34	84	326636	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.08%
36) 1,2-Dichloropropane-d6	6.33	67	109299	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.06%
41) Toluene-d8	7.57	98	306798	37.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.50%#
43) trans-1,3-Dichloropropene-	7.85	79	53371	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
47) 2-Hexanone-d5	8.31	63	101212	88.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159162	41.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.36%
64) 1,2-Dichlorobenzene-d4	11.49	152	177575	45.95	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%

Target Compounds

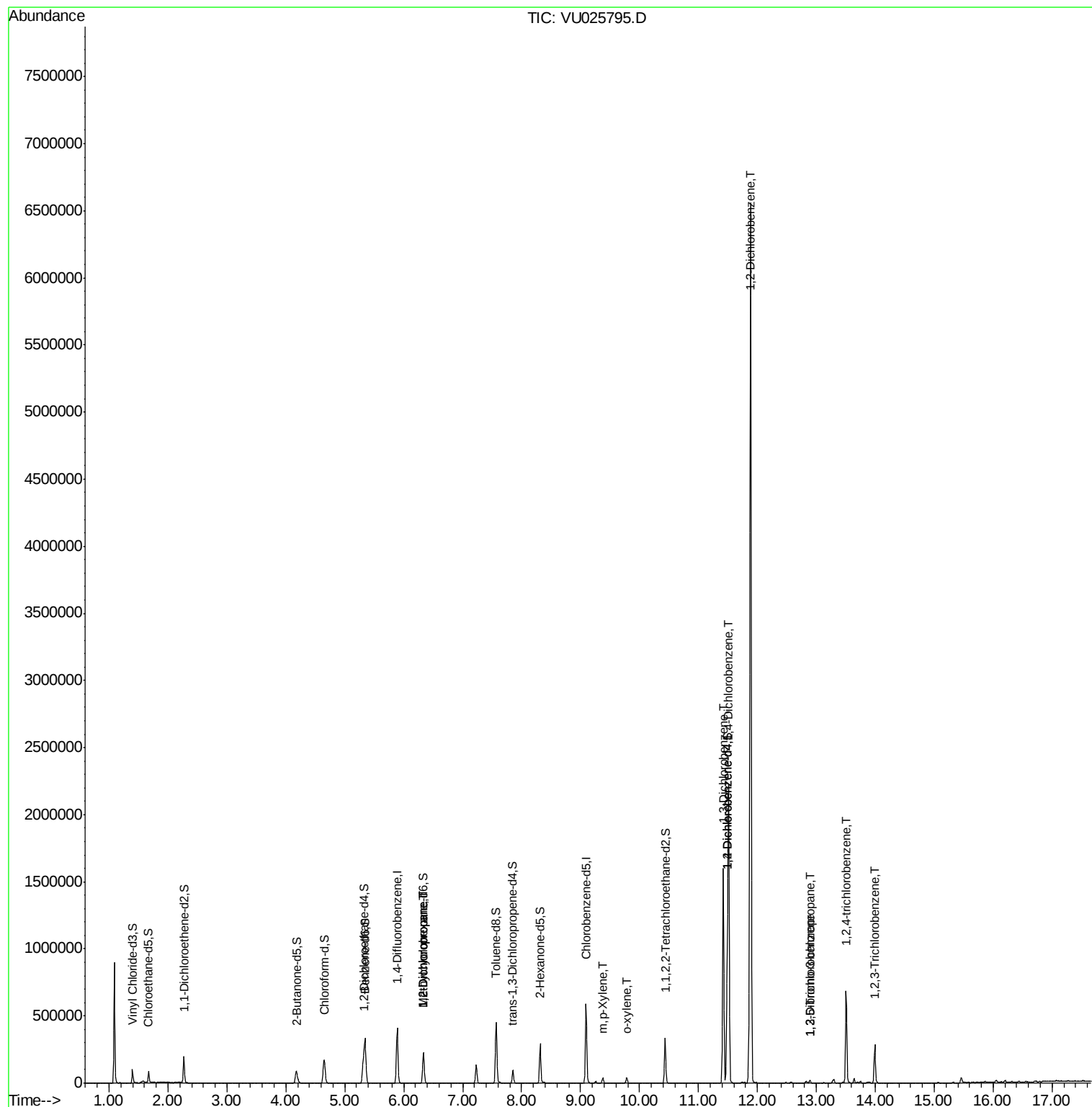
						Ovalue
35) Methylcyclohexane	6.33	83	25961	6.39	ug/L	# 19
37) 1,2-Dichloropropane	6.33	63	12370	4.77	ug/L	# 88
53) m,p-Xylene	9.38	106	12254	2.83	ug/L	92
54) o-xylene	9.78	106	11207	2.55	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	653282	108.30	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	880913	143.07	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	2657946	420.61	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.90	75	1204	1.21	ug/L	# 1
67) 1,3,5-Trichlorobenzene	12.89	180	5994	1.29	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	215448	55.06	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	89817	21.71	ug/L	98

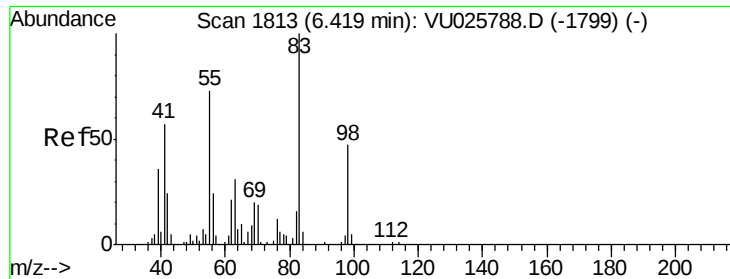
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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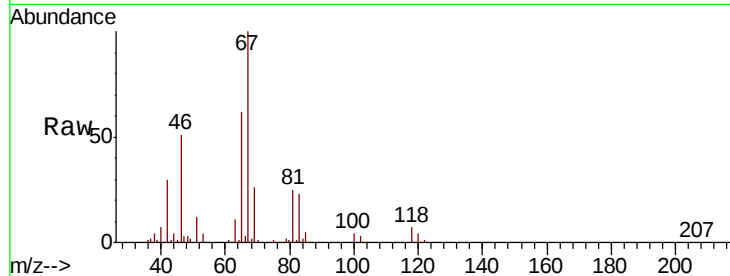




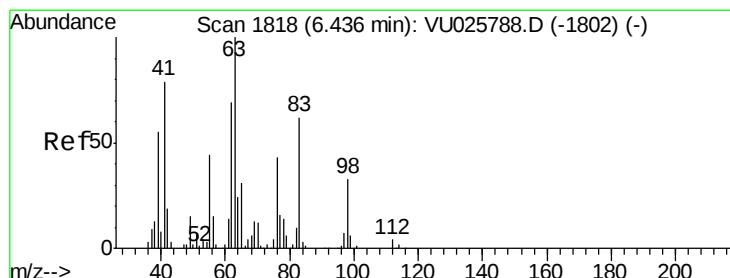
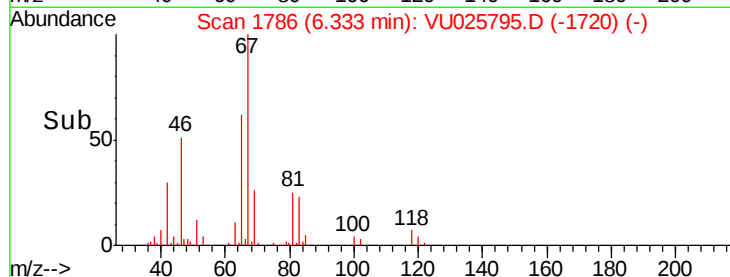
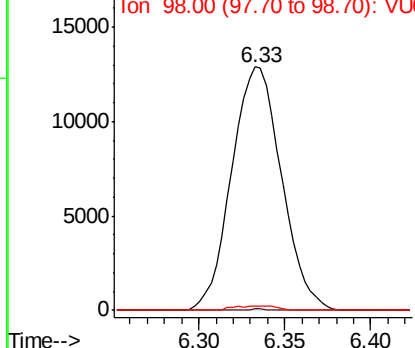
#35
Methvlcvclohexane
Concen: 6.39 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025795.D
Acq: 02 Aug 2018 14:16

Instrument :
MSVOA_U
ClientSampleId :
C0AB9ME

Tot Ion: 83 Resp: 25961
Ion Ratio Lower Upper
83 100
55 0.2 61.1 91.7#
98 0.8 38.6 57.8#

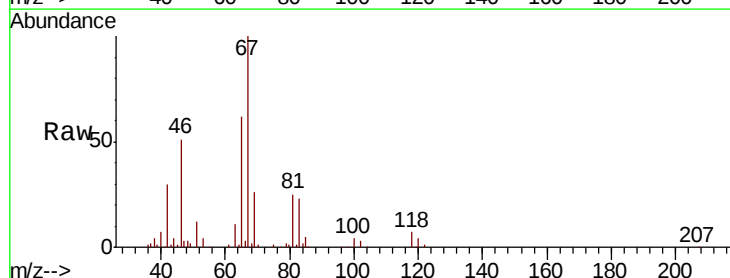


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

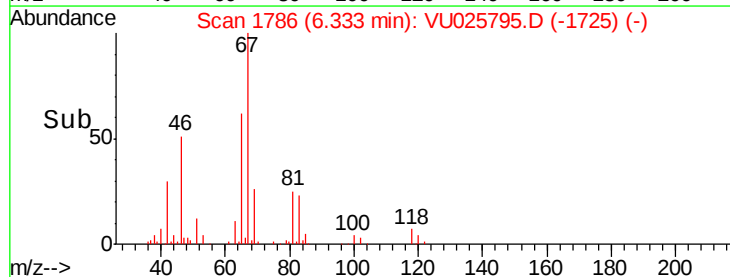
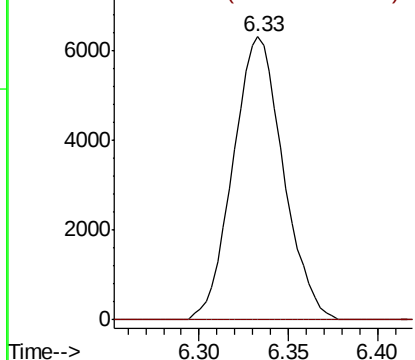


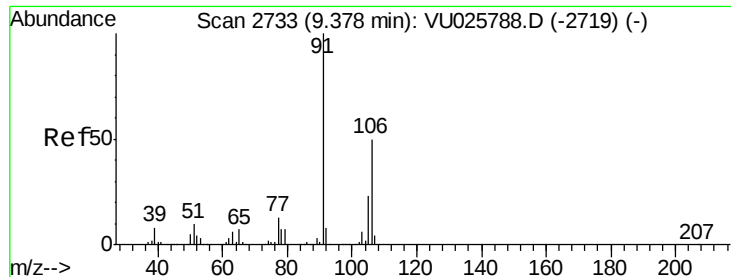
#37
1,2-Dichloropropane
Concen: 4.77 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025795.D
Acq: 02 Aug 2018 14:16

Tgt Ion: 63 Resp: 12370
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#53

m,p-Xylene

Concen: 2.83 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025795.D

Acq: 02 Aug 2018 14:16

Instrument :

MSVOA_U

ClientSampleId :

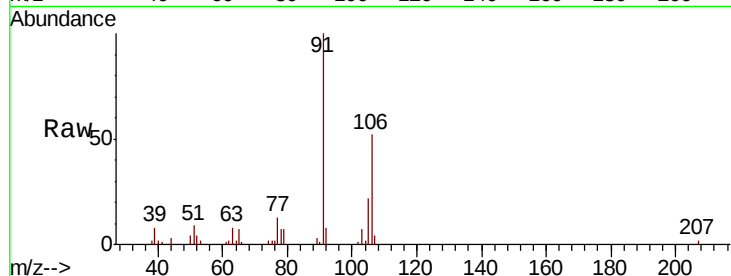
C0AB9ME

Tot Ion:106 Resp: 12254

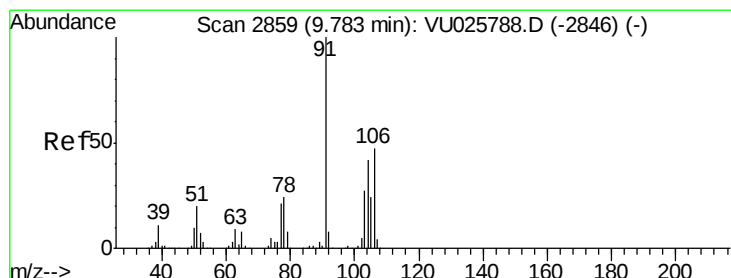
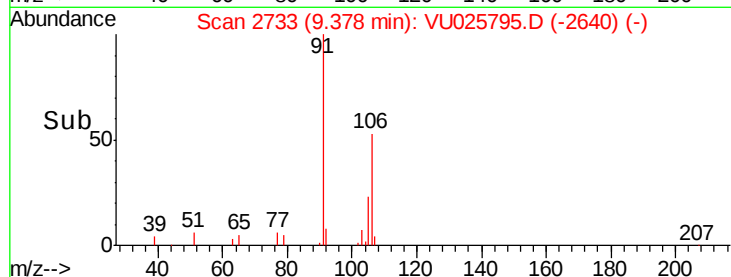
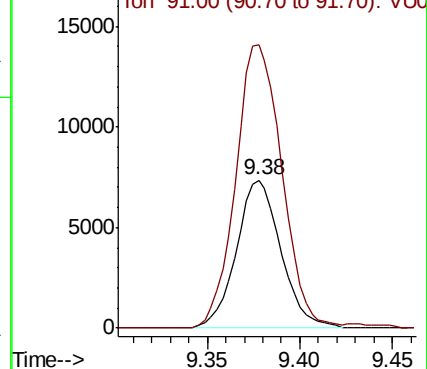
Ion Ratio Lower Upper

106 100

91 191.0 141.7 263.3



Abundance Ion 106.00 (105.70 to 106.70): V



#54

o-xylene

Concen: 2.55 ug/L

RT: 9.78 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VU025795.D

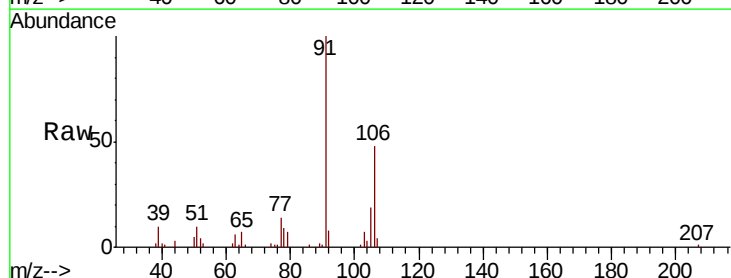
Acq: 02 Aug 2018 14:16

Tgt Ion:106 Resp: 11207

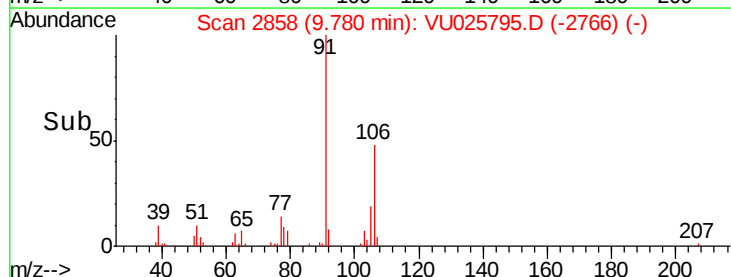
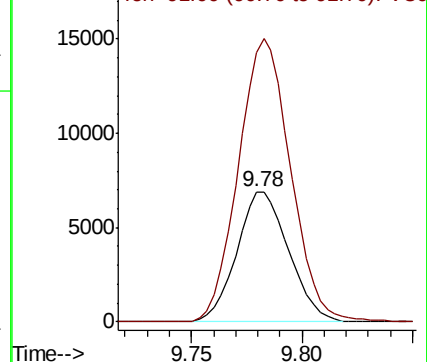
Ion Ratio Lower Upper

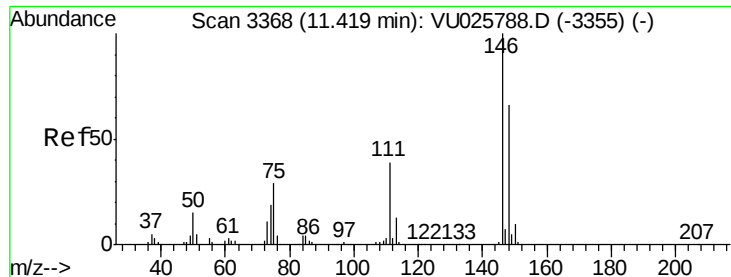
106 100

91 207.2 150.6 279.6



Abundance Ion 106.00 (105.70 to 106.70): V





#62

1,3-Dichlorobenzene

Concen: 108.30 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025795.D

Acq: 02 Aug 2018 14:16

Instrument :

MSVOA_U

ClientSampleId :

C0AB9ME

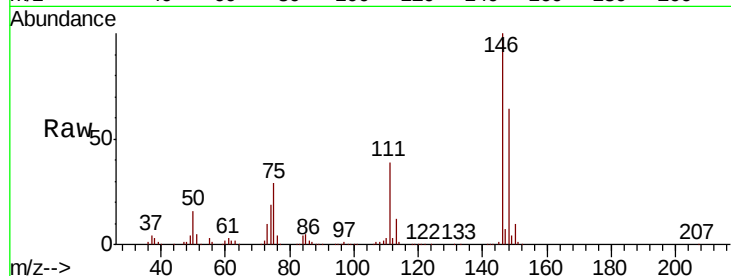
Tot Ion:146 Resp: 653282

Ion Ratio Lower Upper

146 100

111 39.3 27.7 51.5

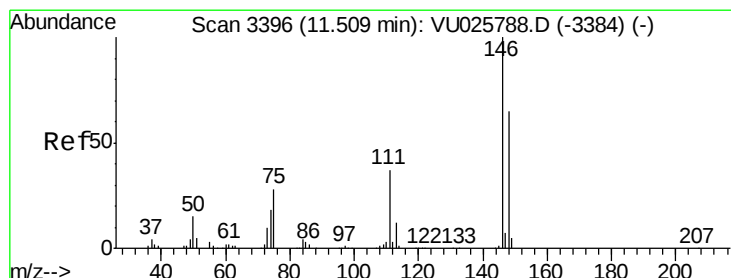
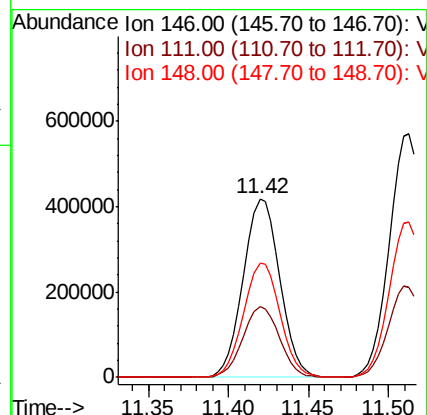
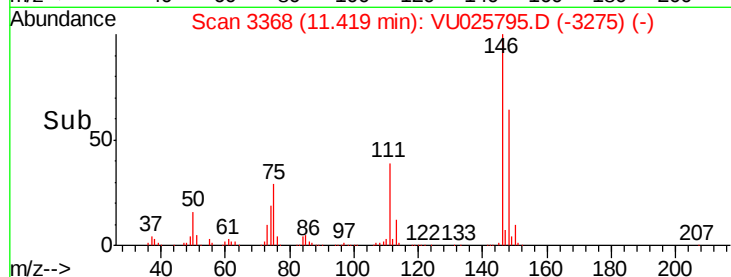
148 64.0 45.5 84.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 143.07 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025795.D

Acq: 02 Aug 2018 14:16

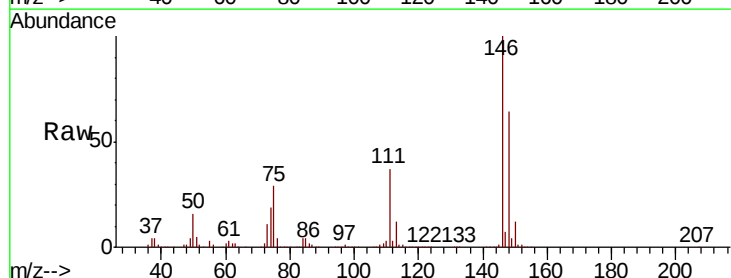
Tgt Ion:146 Resp: 880913

Ion Ratio Lower Upper

146 100

111 37.1 26.9 49.9

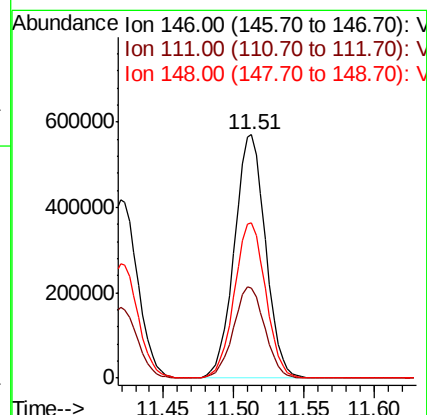
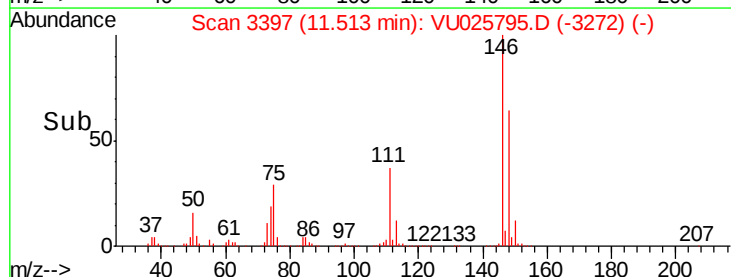
148 63.8 44.6 82.8

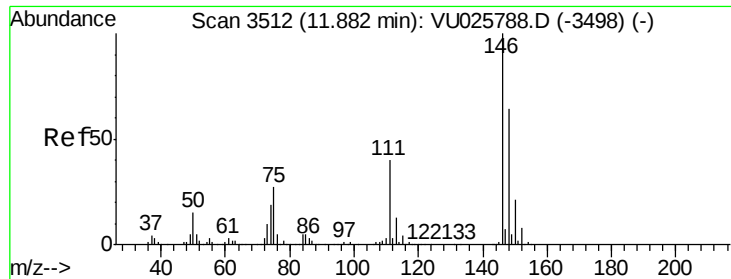


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

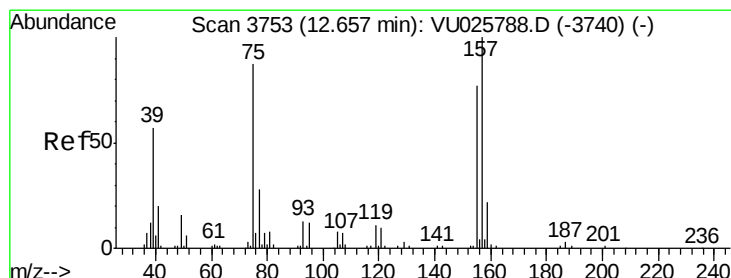
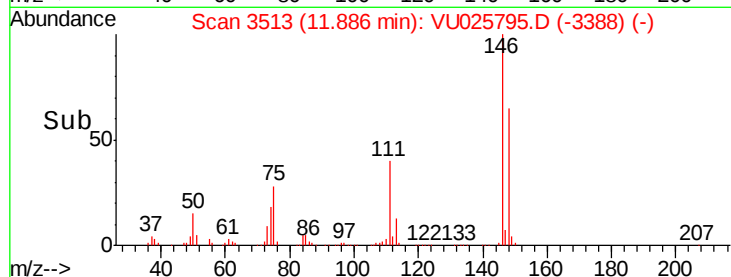
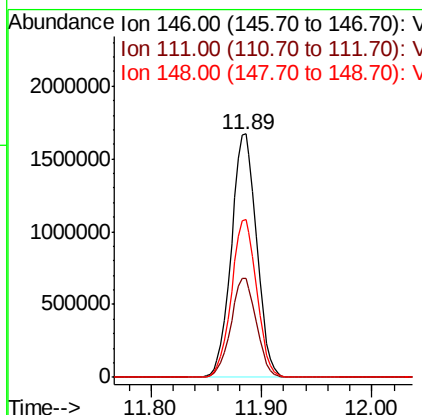
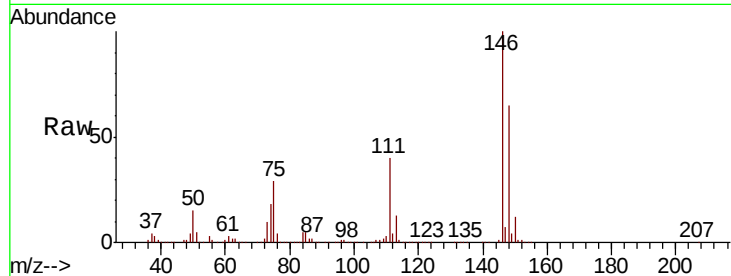




#65
 1,2-Dichlorobenzene
 Concen: 420.61 ug/L
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025795.D
 Acq: 02 Aug 2018 14:16

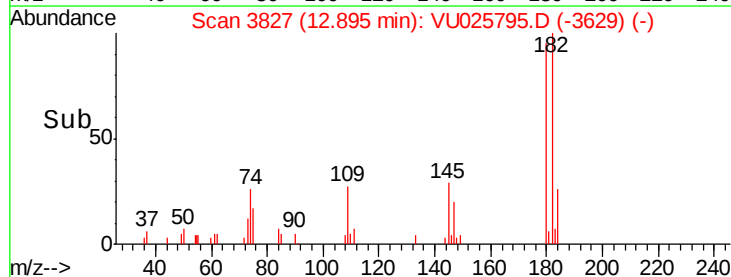
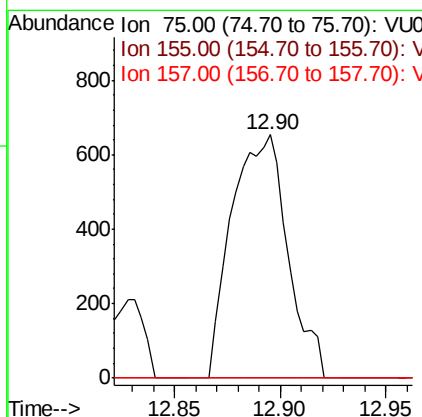
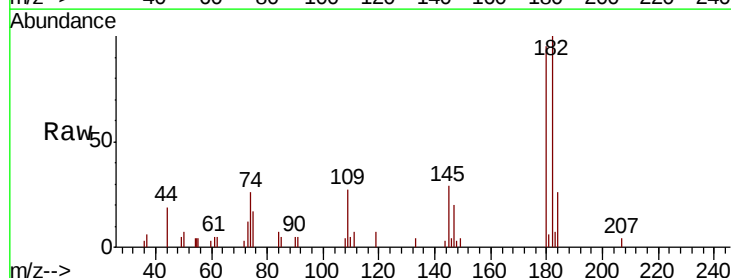
Instrument :
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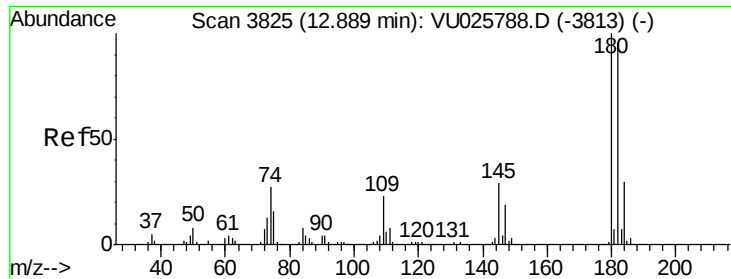
Tot Ion:146 Resp: 2657946
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.4 48.6
 148 64.7 50.7 76.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.21 ug/L
 RT: 12.90 min Scan# 3827
 Delta R.T. 0.24 min
 Lab File: VU025795.D
 Acq: 02 Aug 2018 14:16

Tgt Ion: 75 Resp: 1204
 Ion Ratio Lower Upper
 75 100
 155 0.0 66.3 99.5#
 157 0.0 91.5 137.3#

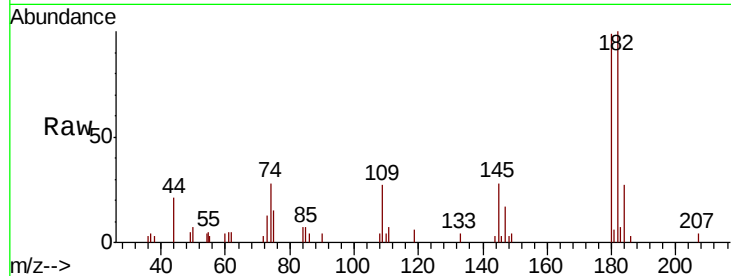




#67
 1,3,5-Trichlorobenzene
 Concen: 1.29 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU025795.D
 Acq: 02 Aug 2018 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9ME

Tot Ion:180	Resp:	5994	
Ion Ratio	Lower	Upper	
180 100			
182 101.2	77.3	115.9	
184 28.1	24.6	36.8	
145 28.0	23.0	34.6	



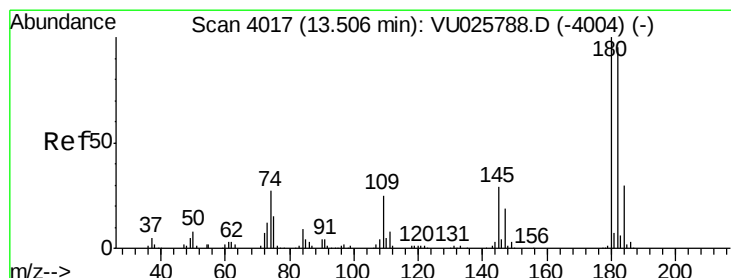
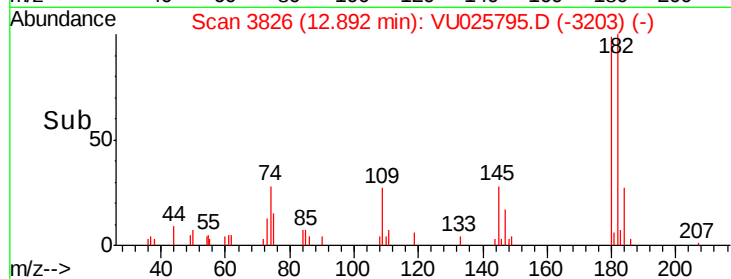
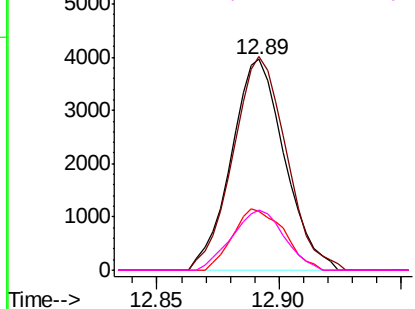
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

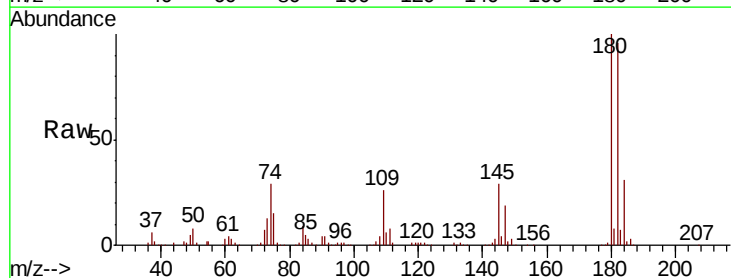
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 55.06 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025795.D
 Acq: 02 Aug 2018 14:16

Tgt	Ion:180	Resp:	215448
Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.1	117.1
145	29.3	23.4	35.2

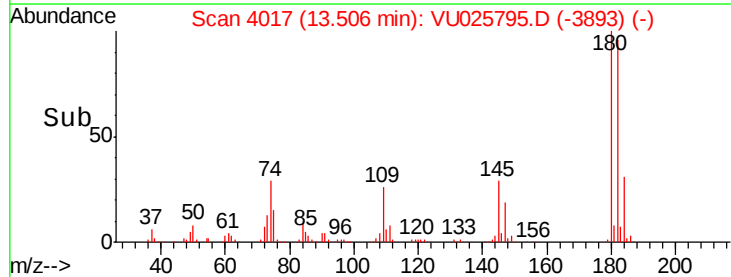
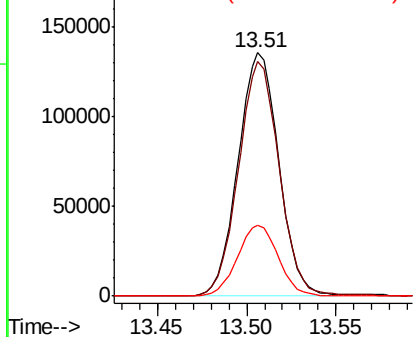


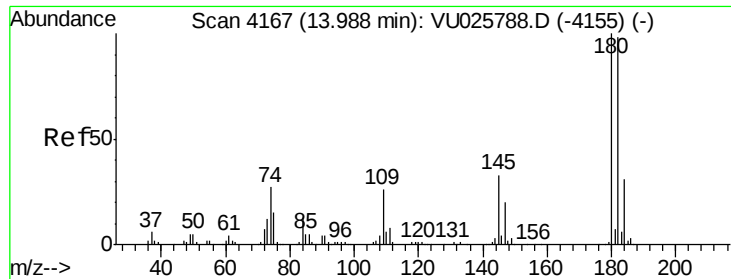
Abundance

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

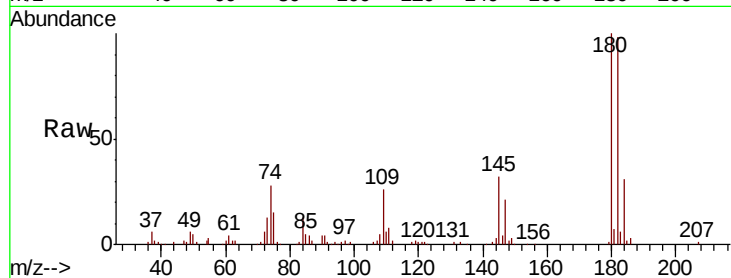




#70
 1,2,3-Trichlorobenzene
 Concen: 21.71 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025795.D
 Acq: 02 Aug 2018 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.6	114.8
145	31.8	25.4	38.2



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

