

Data File : VU031889.D
Acq On : 10 May 2019 15:26
Operator : JC/SP
Sample : K2742-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C26

Quant Time: May 11 01:02:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1033914	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1057377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	442637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378674	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.67	69	327073	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.27	63	540221	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	4.17	46	670202	85.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.48%
24) Chloroform-d	4.64	84	694451	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.31	65	463358	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
32) Benzene-d6	5.34	84	1441455	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.32	67	492262	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.18%
41) Toluene-d8	7.56	98	1207671	42.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	192807	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.64%
47) 2-Hexanone-d5	8.31	63	445313	90.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	675385	44.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.10%
64) 1,2-Dichlorobenzene-d4	11.77	152	92	0.01	ug/L	-0.08
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.02%#

Target Compounds

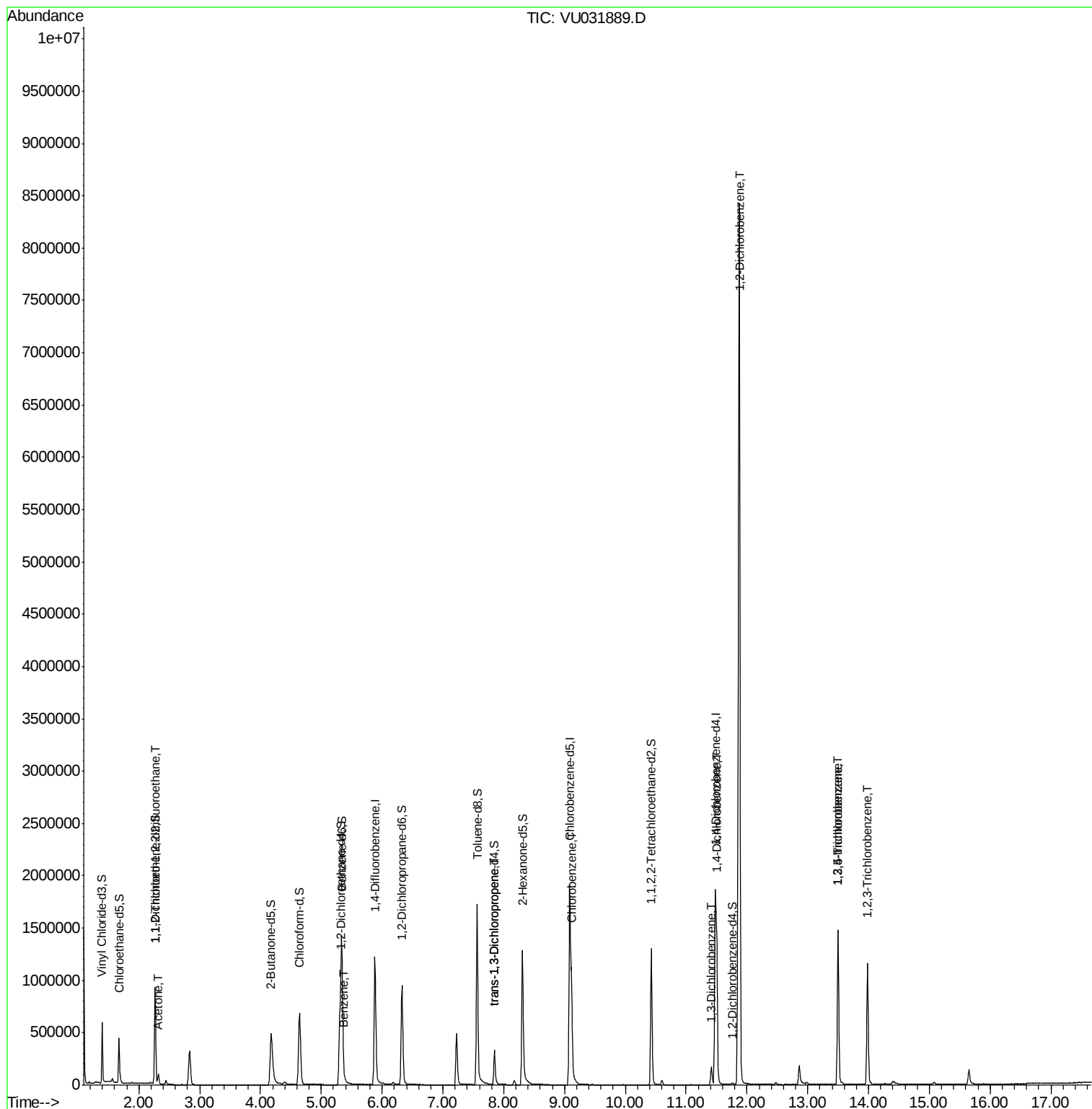
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4795	0.579 ug/L	# 22
13) Acetone	2.32	43	93178	10.551 ug/L	97
33) Benzene	5.38	78	33436	0.860 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	7627	0.577 ug/L	99
51) Chlorobenzene	9.12	112	551885	24.116 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	67773	4.625 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	535409	35.284 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	3136508	201.418 ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	447952	40.819 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	447952	51.561 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	352734	35.662 ug/L	100

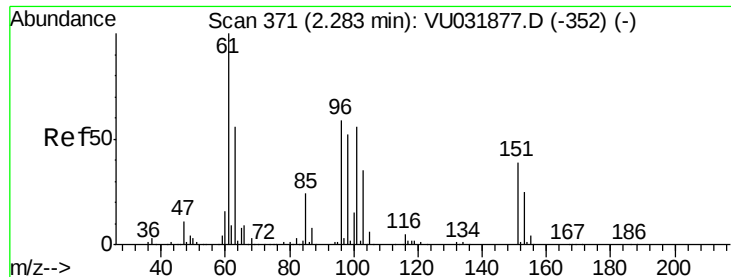
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration





#10

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

Concen: 0.579 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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C0C26

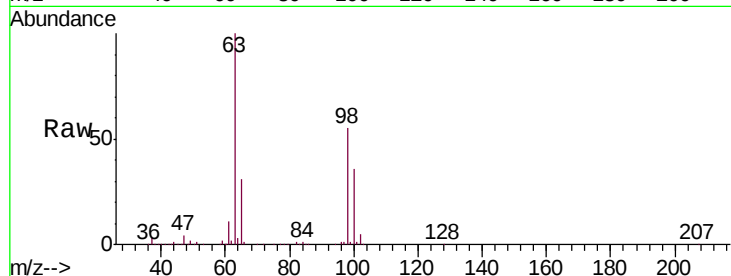
Tgt Ion:101 Resp: 4795

Ion Ratio Lower Upper

101 100

85 1.4 36.1 54.1#

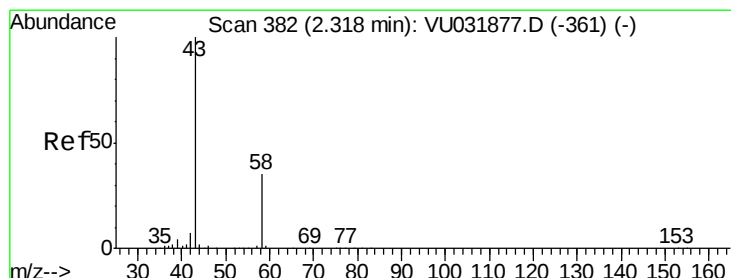
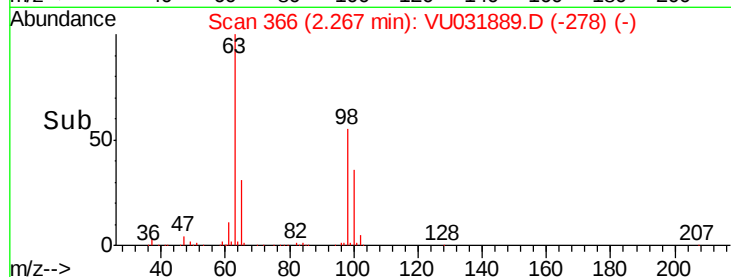
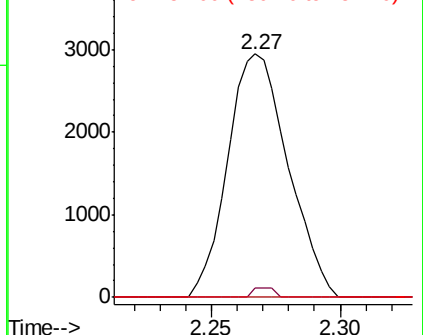
151 0.0 56.1 84.1#



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



#13

Acetone

Concen: 10.551 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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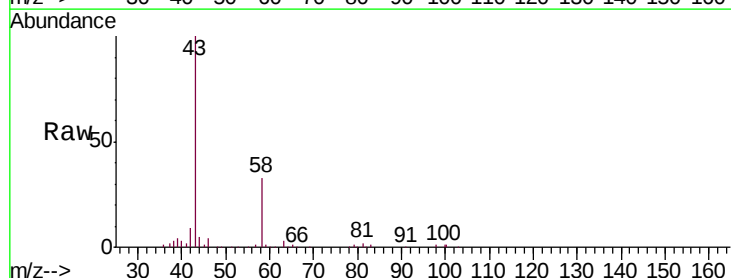
Acq: 10 May 2019 15:26

Tgt Ion: 43 Resp: 93178

Ion Ratio Lower Upper

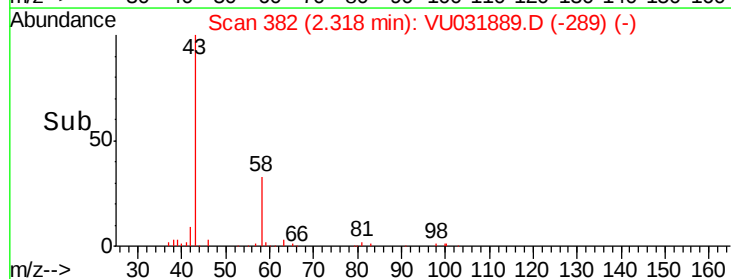
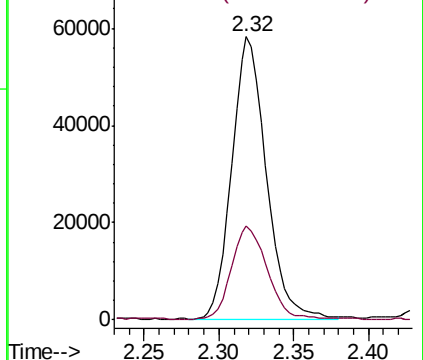
43 100

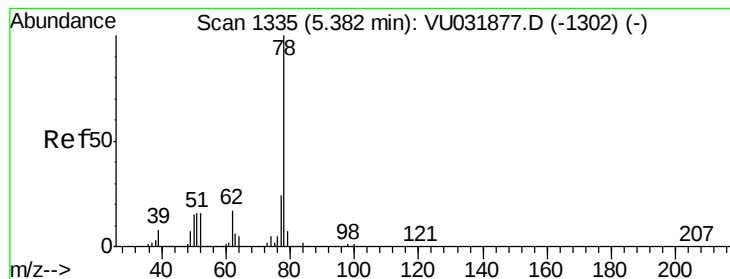
58 33.9 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 0.860 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

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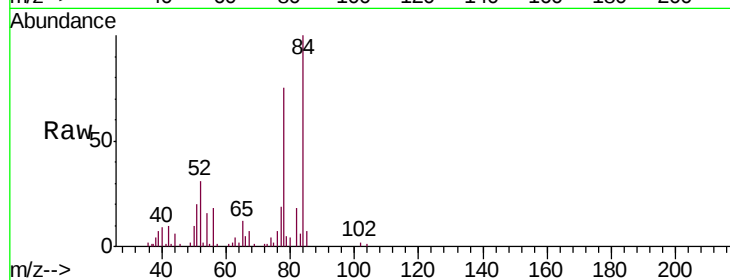
Instrument :

MSVOA_U

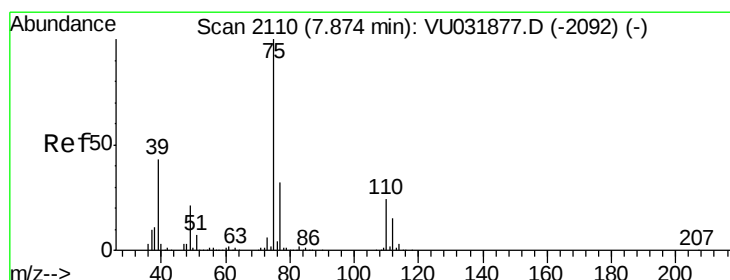
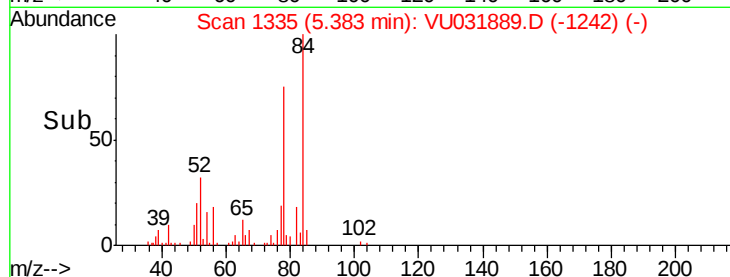
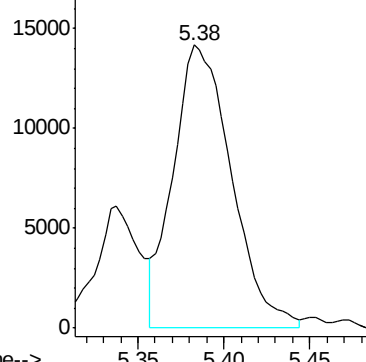
ClientSampleId :

C0C26

Tgt Ion: 78 Resp: 33436



Abundance Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031889.D

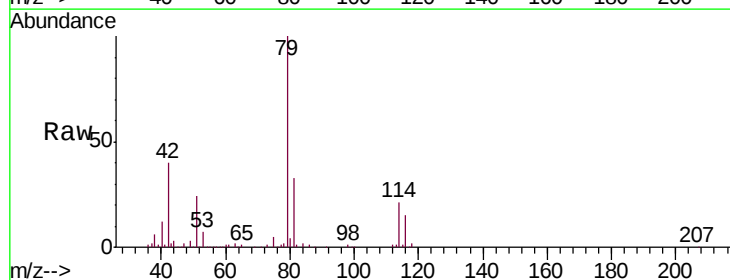
Acq: 10 May 2019 15:26

Tgt Ion: 75 Resp: 7627

Ion Ratio Lower Upper

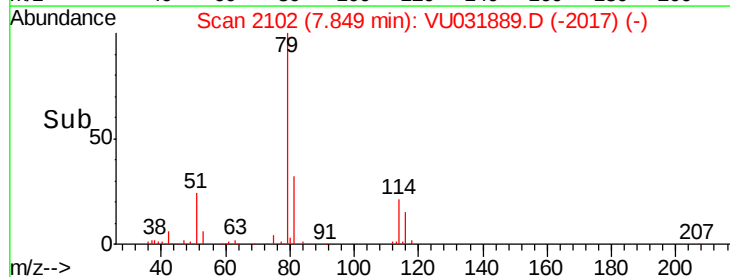
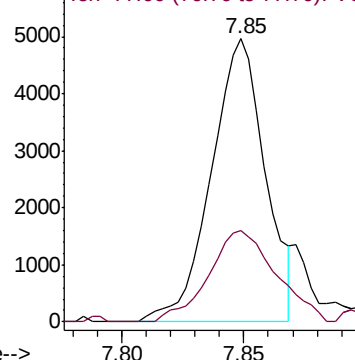
75 100

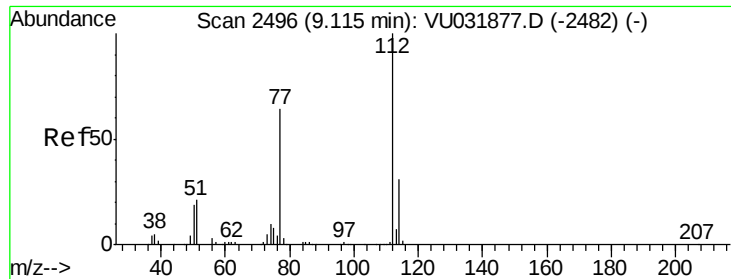
77 32.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

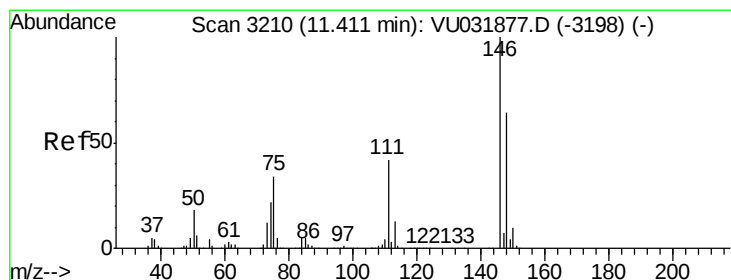
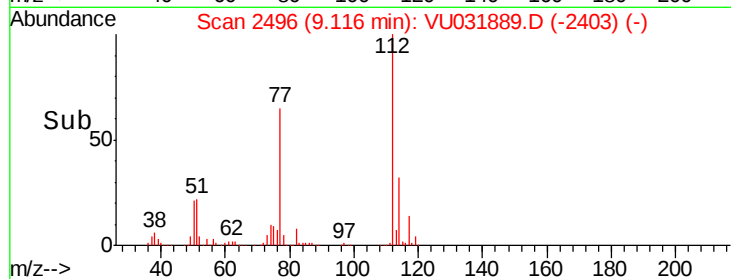
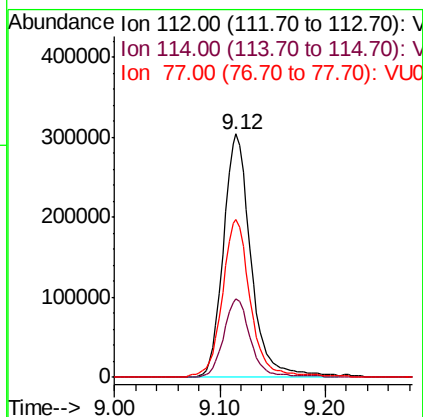
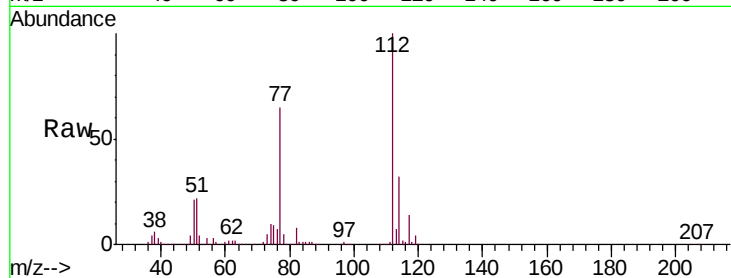




#51
Chlorobenzene
Concen: 24.116 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031889.D
Acq: 10 May 2019 15:26

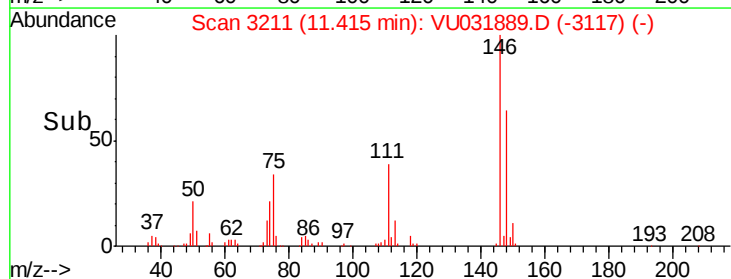
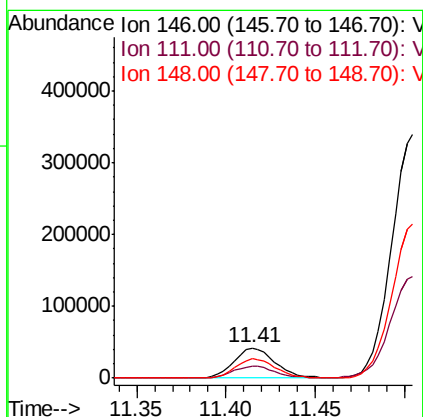
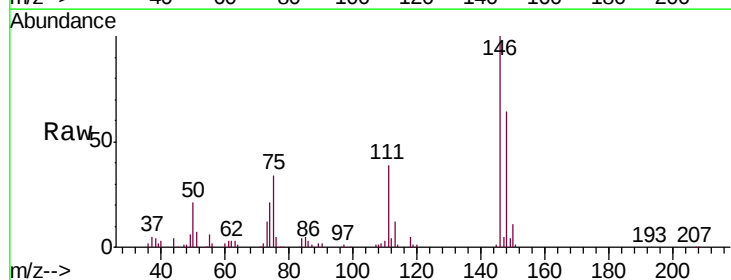
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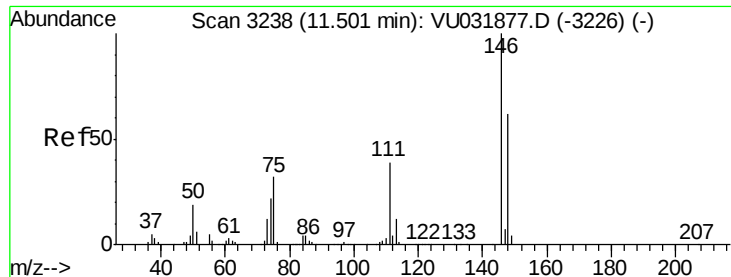
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.3	43.3
77	65.1	53.0	79.4



#62
1,3-Dichlorobenzene
Concen: 4.625 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU031889.D
Acq: 10 May 2019 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	29.8	55.4
148	64.1	45.1	83.9

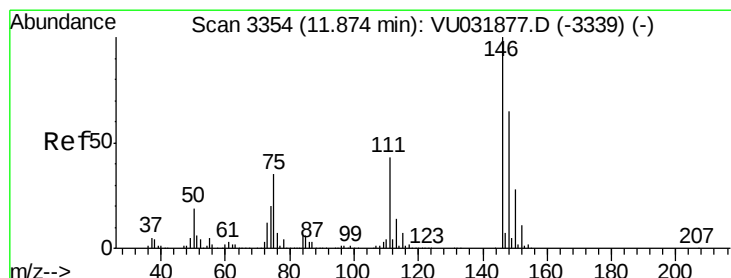
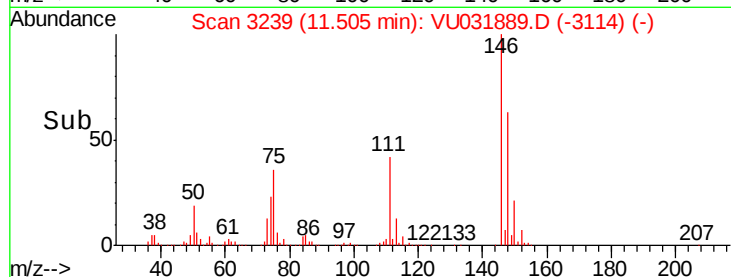
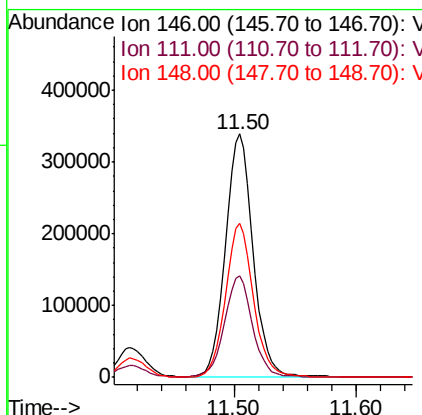
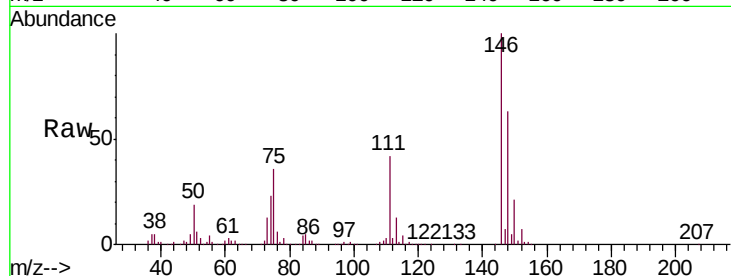




#63
 1,4-Dichlorobenzene
 Concen: 35.284 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031889.D
 Acq: 10 May 2019 15:26

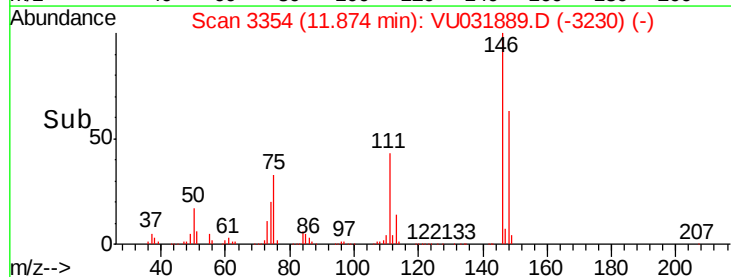
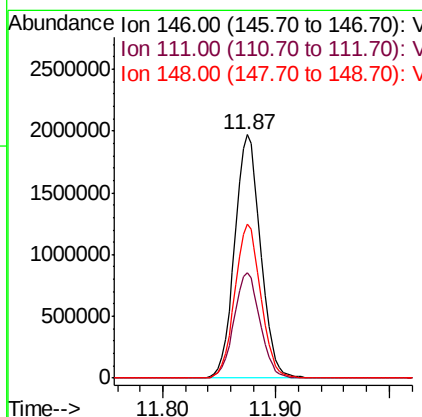
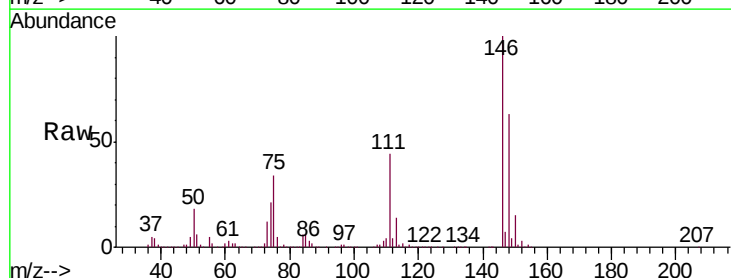
Instrument :
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 C0C26

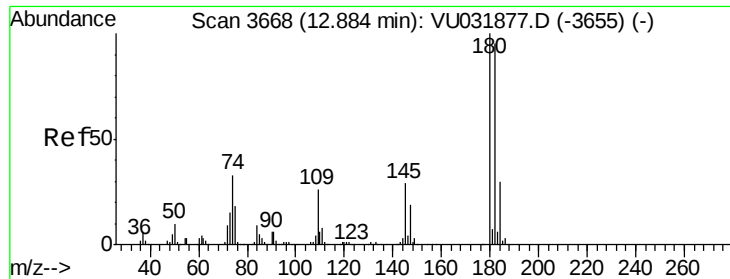
Tgt Ion:146 Resp: 535409
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.2 52.4
 148 63.1 45.4 84.4



#65
 1,2-Dichlorobenzene
 Concen: 201.418 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031889.D
 Acq: 10 May 2019 15:26

Tgt Ion:146 Resp: 3136508
 Ion Ratio Lower Upper
 146 100
 111 43.5 35.9 53.9
 148 63.1 50.5 75.7

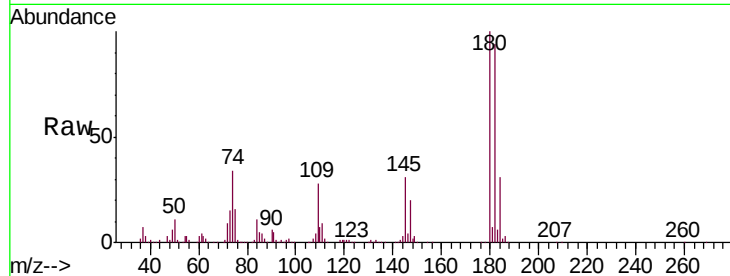




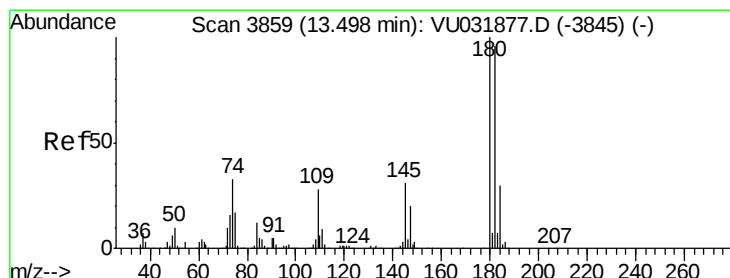
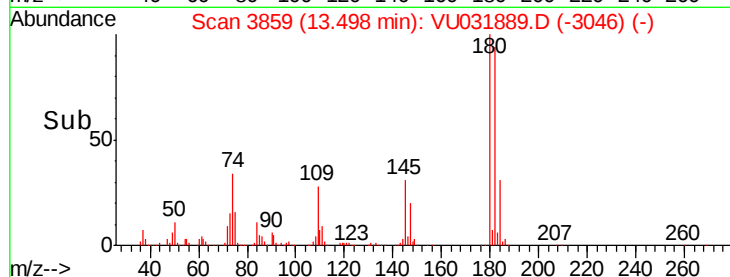
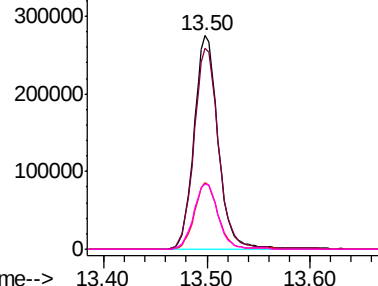
#67
 1,3,5-Trichlorobenzene
 Concen: 40.819 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.61 min
 Lab File: VU031889.D
 Acq: 10 May 2019 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C26

Tgt Ion:180 Resp: 447952
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.3 115.9
 184 30.7 24.4 36.6
 145 30.8 23.8 35.8

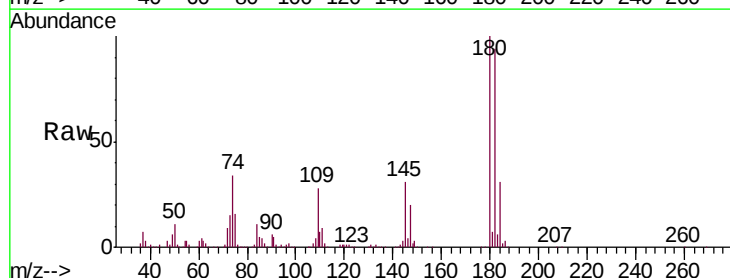


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

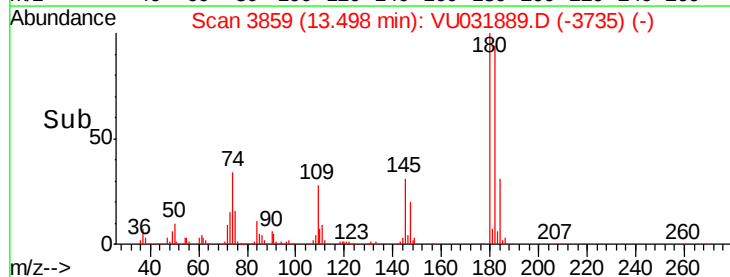
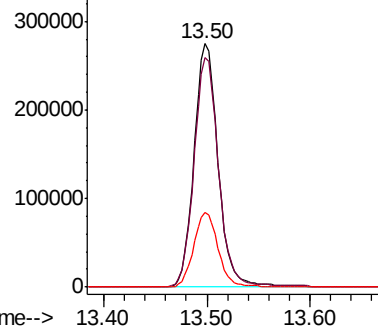


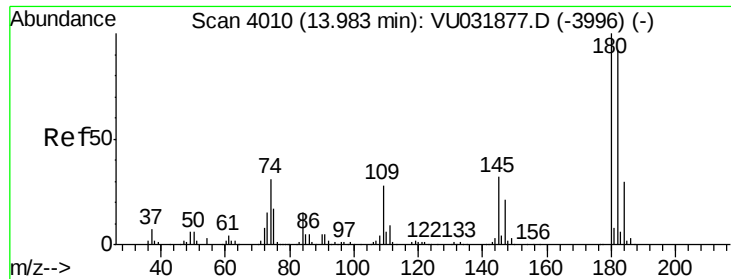
#68
 1,2,4-trichlorobenzene
 Concen: 51.561 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.00 min
 Lab File: VU031889.D
 Acq: 10 May 2019 15:26

Tgt Ion:180 Resp: 447952
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.8 113.8
 145 30.8 24.5 36.7



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: 35.662 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU031889.D
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
145	32.5	26.0	39.0

