

Data File : VU031924.D
Acq On : 11 May 2019 12:28
Operator : JC/SP
Sample : K2705-10DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B48DL

Quant Time: May 13 01:57:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	979980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1005034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	370189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	343314	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.72%
7) Chloroethane-d5	1.67	69	309333	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.27	63	496392	30.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.78%
21) 2-Butanone-d5	4.17	46	670185	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.64	84	675442	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.31	65	453984	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	1379998	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
36) 1,2-Dichloropropane-d6	6.32	67	480628	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.54%
41) Toluene-d8	7.56	98	1136654	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.85	79	190002	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.31	63	412154	87.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	678647	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	391280	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4632	0.590	ug/L #	23
12) 1,1-Dichloroethene	2.26	96	4297	0.562	ug/L #	1
13) Acetone	2.32	43	53432	6.383	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	84910	9.936	ug/L	99
34) Trichloroethene	6.18	95	209202	23.356	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	7595	0.604	ug/L #	73
46) Tetrachloroethene	8.22	164	307376	50.337	ug/L	96
48) 2-Hexanone	8.31	43	51896	3.976	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	50300	4.044	ug/L	94

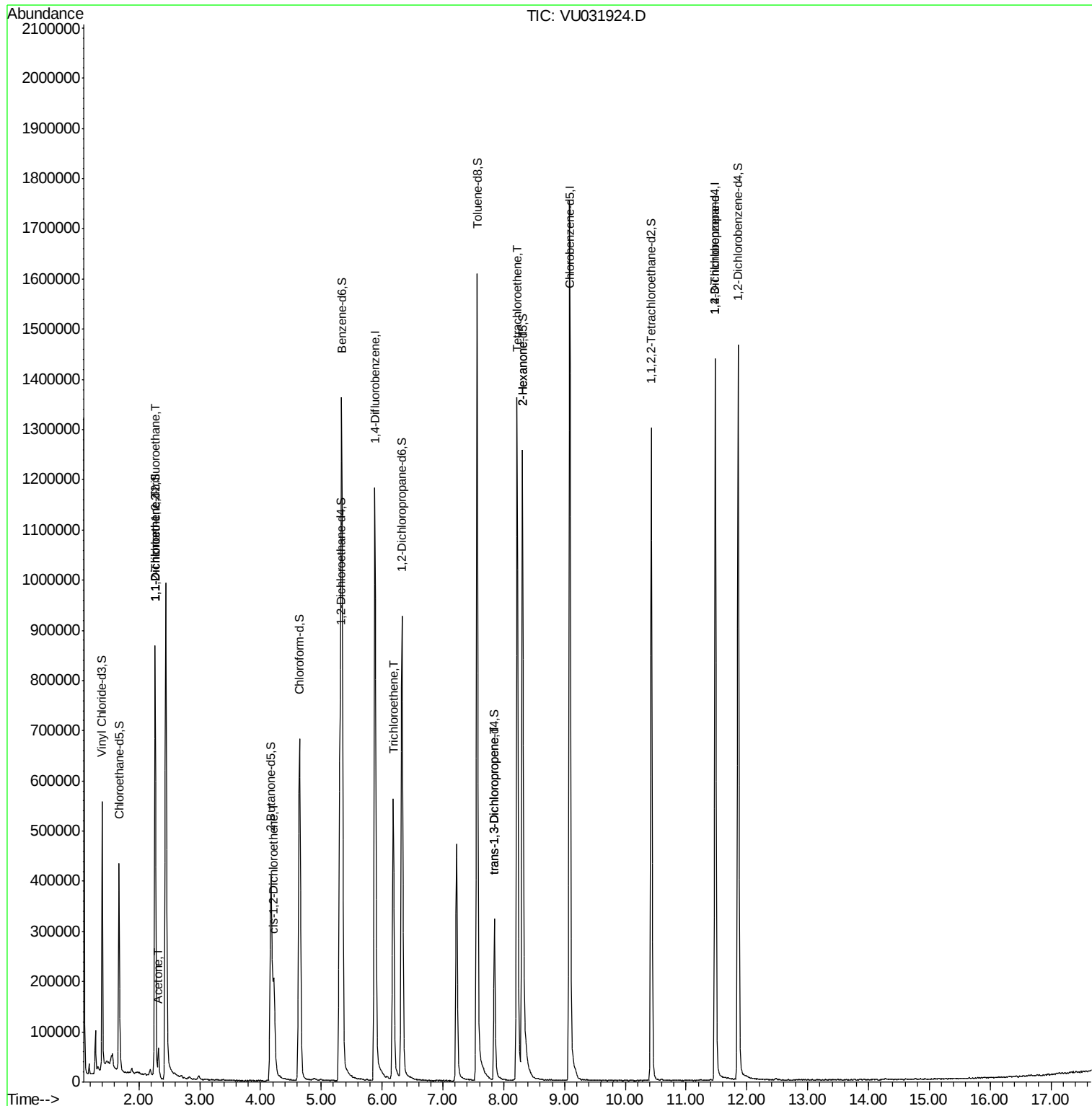
(#) = qualifier out of range (m) = manual integration (+) = signals summed

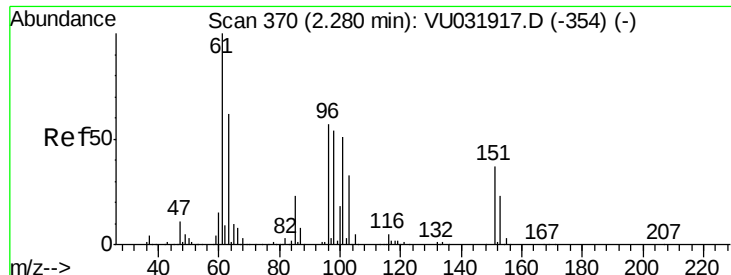
Data File : VU031924.D

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QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#10

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

Concen: 0.590 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031924.D

Acq: 11 May 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0B48DL

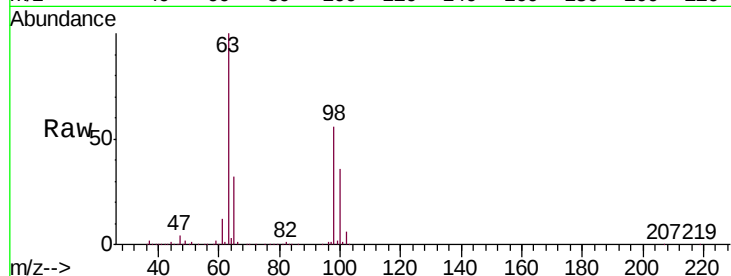
Tgt Ion:101 Resp: 4632

Ion Ratio Lower Upper

101 100

85 2.8 36.1 54.1#

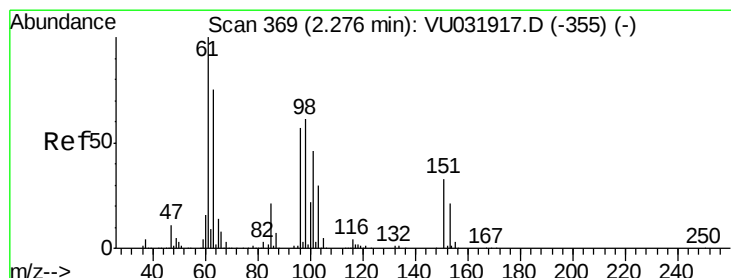
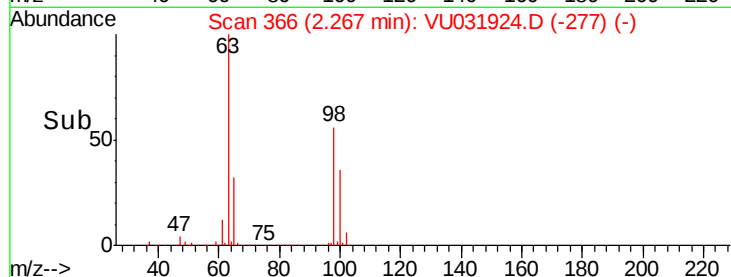
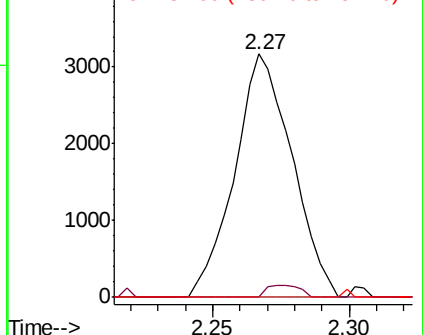
151 0.0 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031924.D

Acq: 11 May 2019 12:28

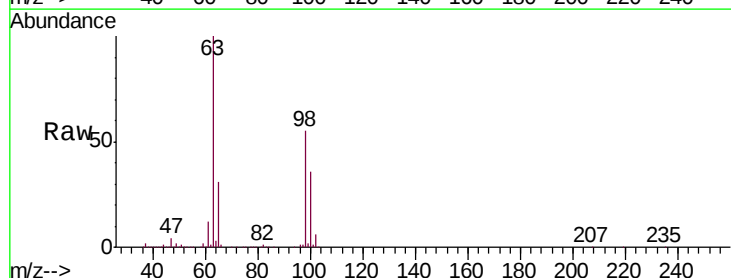
Tgt Ion: 96 Resp: 4297

Ion Ratio Lower Upper

96 100

61 1438.8 135.0 250.6#

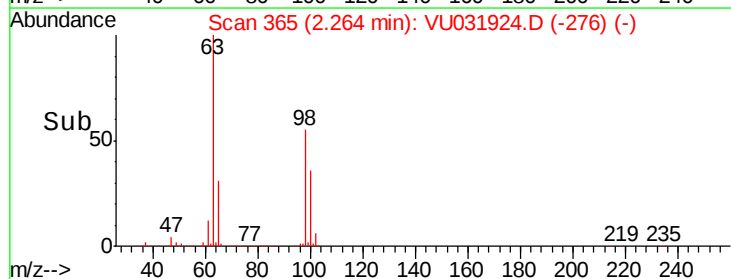
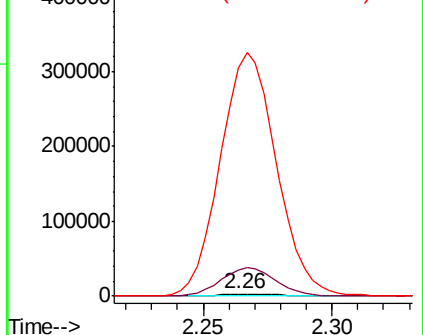
63 12360.6 103.5 192.3#

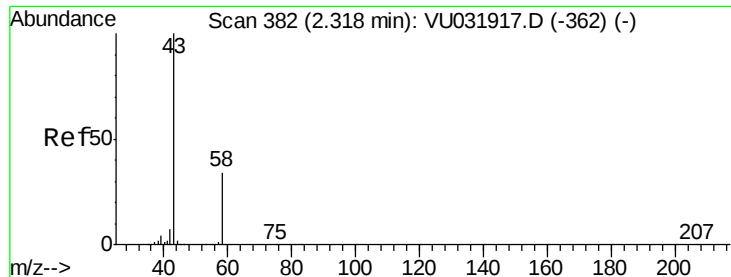


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.383 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031924.D

Acq: 11 May 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

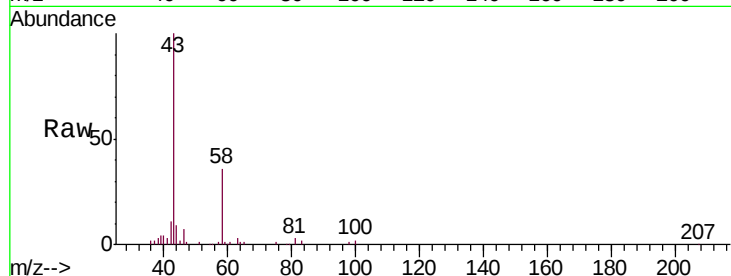
C0B48DL

Tgt Ion: 43 Resp: 53432

Ion Ratio Lower Upper

43 100

58 34.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031917.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031917.D (-362) (-)

150000

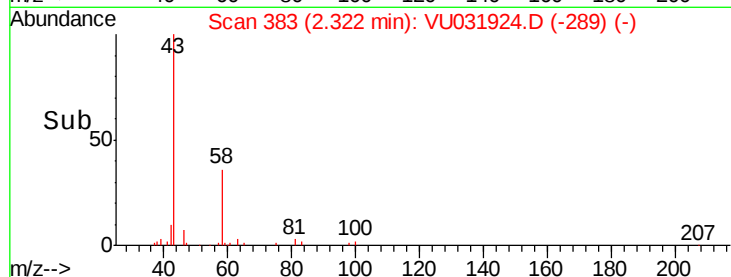
100000

50000

0

2.25 2.30 2.35 2.40

Time-->



#20

cis-1,2-Dichloroethene

Concen: 9.936 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031924.D

Acq: 11 May 2019 12:28

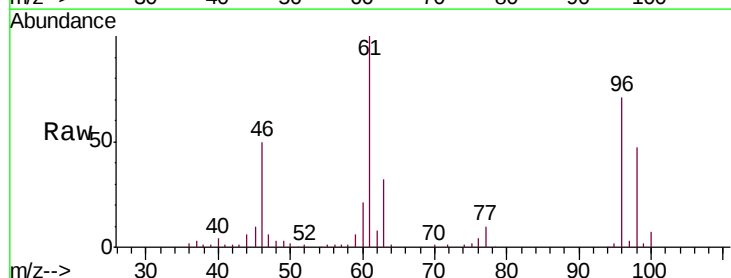
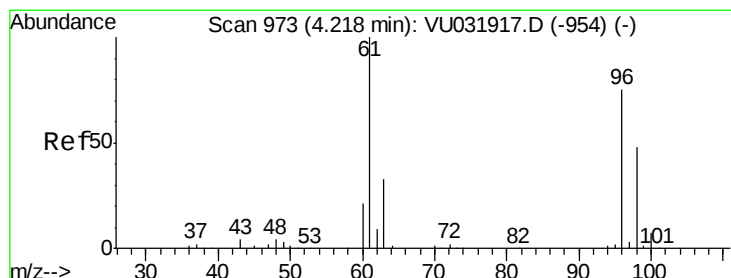
Tgt Ion: 96 Resp: 84910

Ion Ratio Lower Upper

96 100

61 140.9 99.5 184.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031917.D (-954) (-)

60000

50000

40000

30000

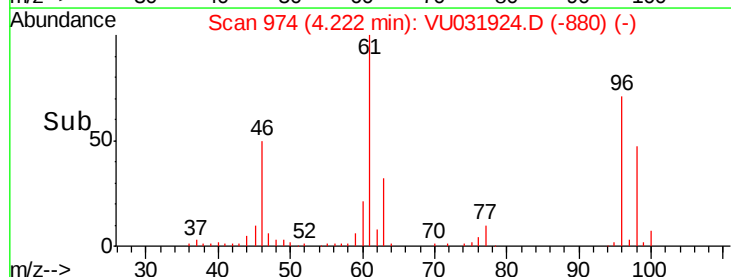
20000

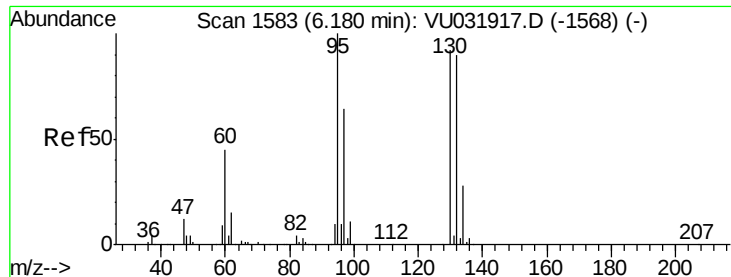
10000

0

4.10 4.15 4.20 4.25 4.30

Time-->

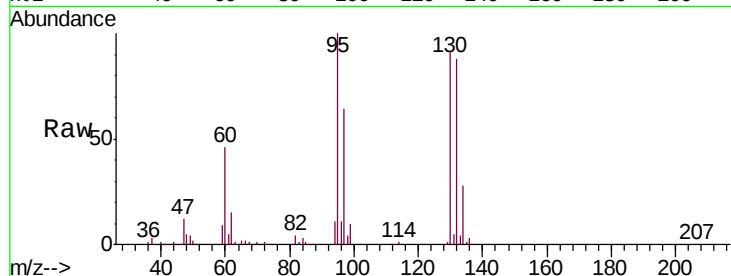




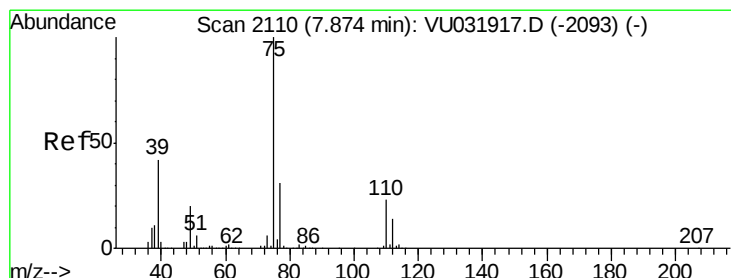
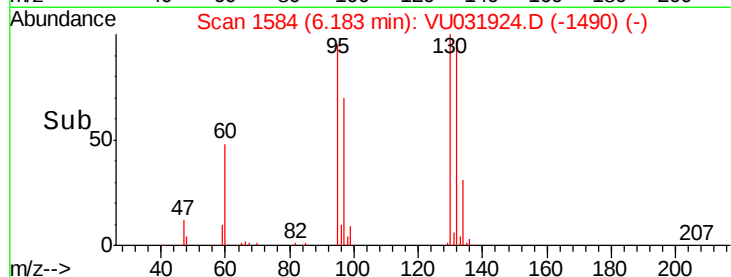
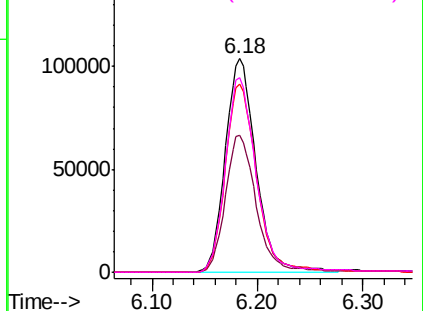
#34
 Trichloroethene
 Concen: 23.356 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031924.D
 Acq: 11 May 2019 12:28

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Tgt Ion:	95	Resp:	209202
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	88.2	63.1	117.1
130	91.3	66.5	123.5

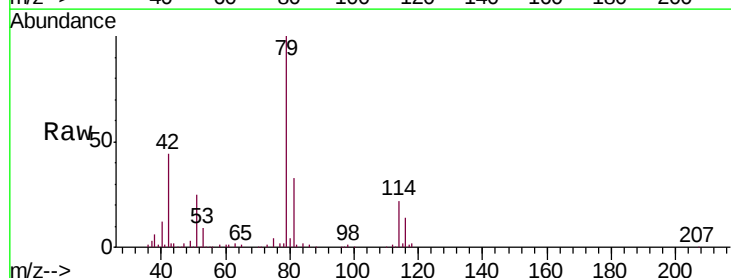


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

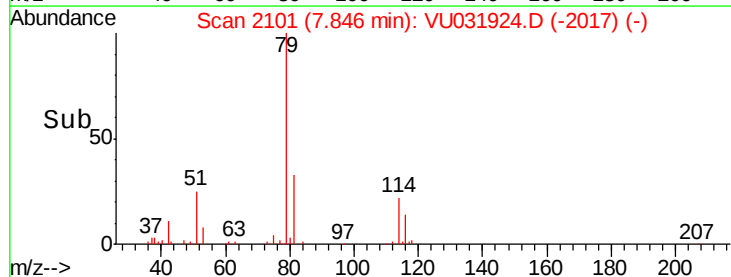
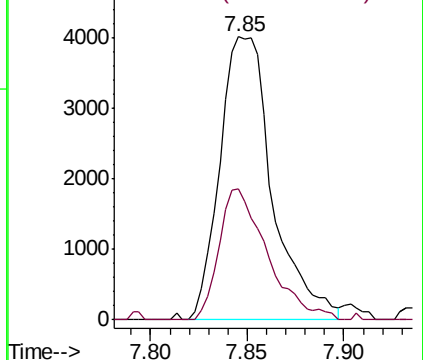


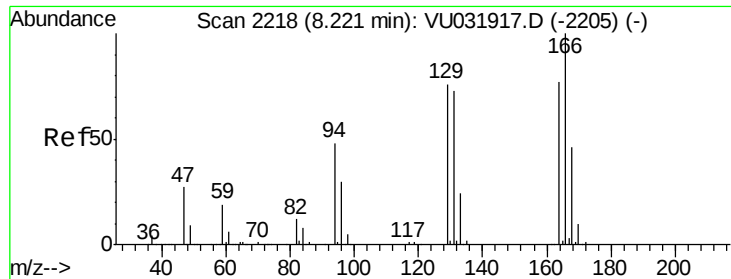
#44
 trans-1,3-Dichloropropene
 Concen: 0.604 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031924.D
 Acq: 11 May 2019 12:28

Tgt Ion:	75	Resp:	7595
Ion	Ratio	Lower	Upper
75	100		
77	46.4	22.1	41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

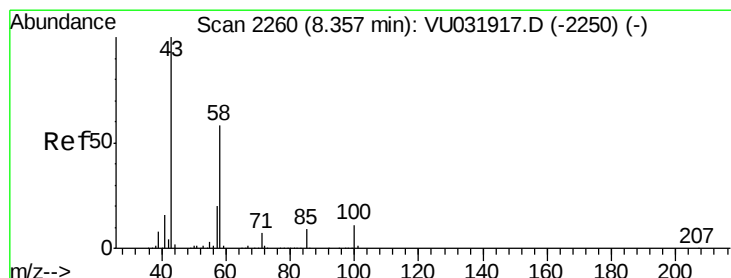
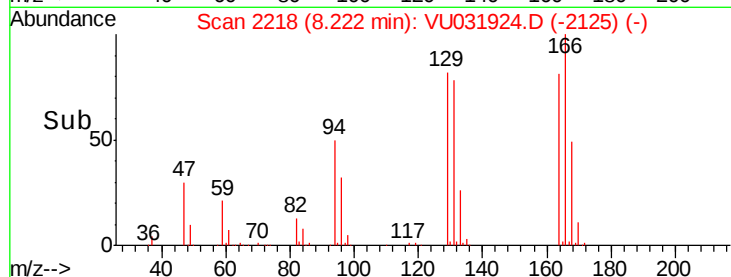
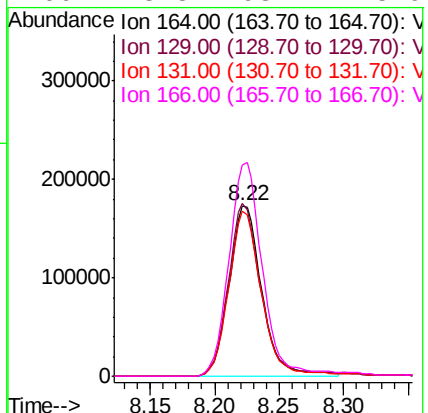
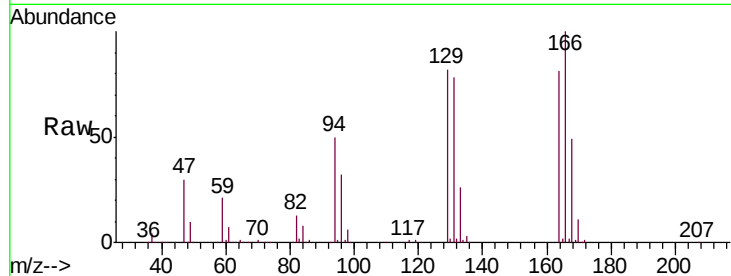




#46
Tetrachloroethene
Concen: 50.337 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031924.D
Acq: 11 May 2019 12:28

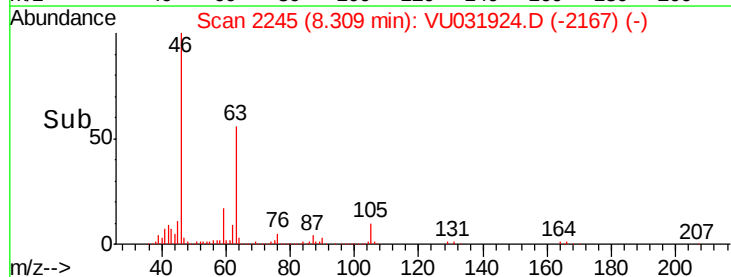
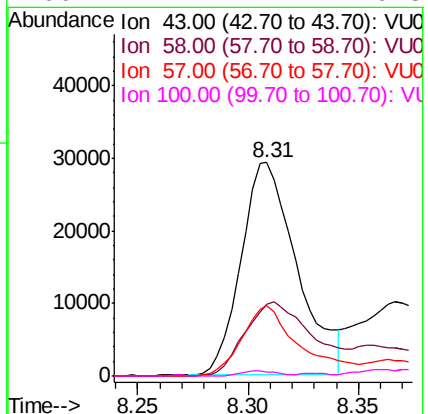
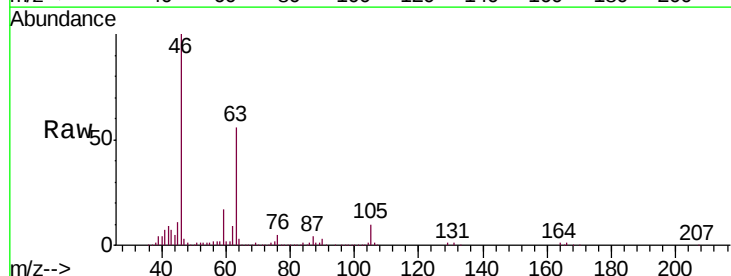
Instrument :
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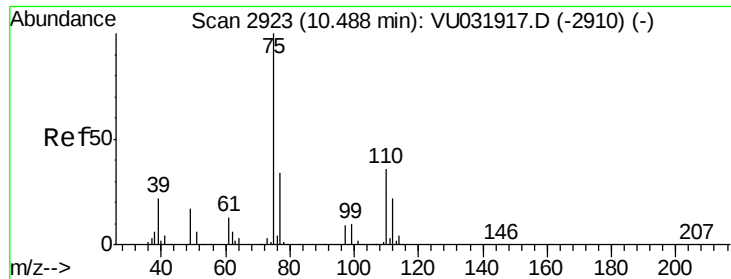
Tgt Ion:	164	Resp:	307376
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.5	132.9
131	96.6	69.0	128.2
166	123.8	93.7	173.9



#48
2-Hexanone
Concen: 3.976 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031924.D
Acq: 11 May 2019 12:28

Tgt Ion:	43	Resp:	51896
Ion	Ratio	Lower	Upper
43	100		
58	42.1	42.1	63.1#
57	34.3	14.6	22.0#
100	1.4	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.044 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031924.D

Acq: 11 May 2019 12:28

Instrument :

MSVOA_U

ClientSampleId :

C0B48DL

Tgt Ion: 75 Resp: 50300

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9

