

Data File : VU031926.D
Acq On : 11 May 2019 13:16
Operator : JC/SP
Sample : K2705-16DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B54DL

Quant Time: May 13 01:58:02 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	1014502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1004574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	377981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	339609	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.67	69	308779	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.12%
11) 1,1-Dichloroethene-d2	2.43	63	152	0.01	ug/L	0.16
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.17	46	654536	85.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.08%
24) Chloroform-d	4.64	84	674177	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.30	65	446221	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.34	84	1369191	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.32	67	476585	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.82%
41) Toluene-d8	7.56	98	1140809	42.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.92%
43) trans-1,3-Dichloropropene-	7.85	79	185657	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.70%
47) 2-Hexanone-d5	8.31	63	422382	89.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	672286	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	386282	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

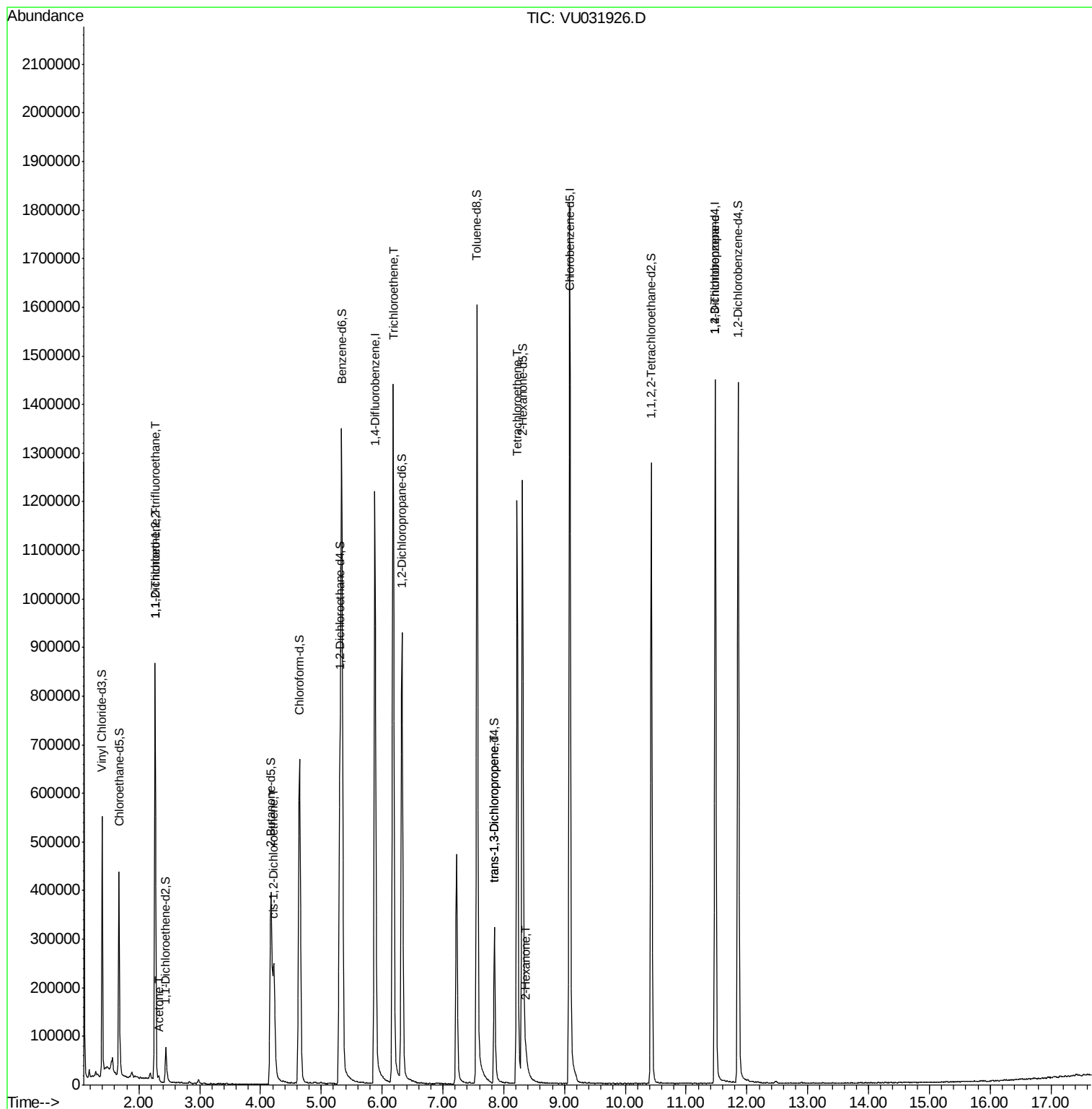
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4598	0.565	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4754	0.601	ug/L #	1
13) Acetone	2.32	43	6706	0.774	ug/L	76
20) cis-1,2-Dichloroethene	4.22	96	114833	12.980	ug/L	96
34) Trichloroethene	6.18	95	541425	60.474	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	7533	0.599	ug/L	85
46) Tetrachloroethene	8.22	164	270580	44.332	ug/L	97
48) 2-Hexanone	8.37	43	22863	1.752	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	48703	3.918	ug/L	90

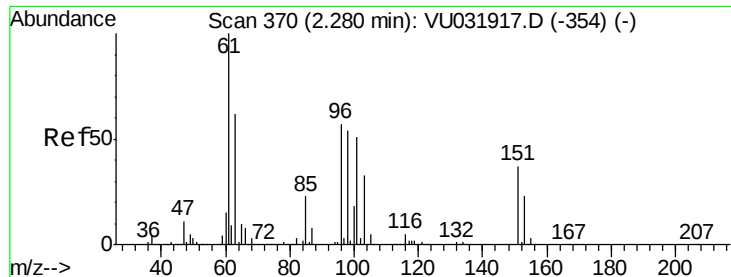
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.565 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

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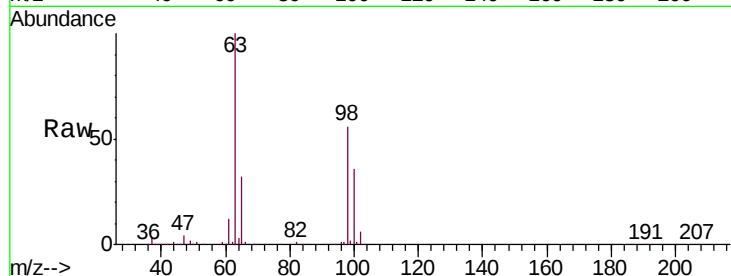
Tgt Ion:101 Resp: 4598

Ion Ratio Lower Upper

101 100

85 1.0 36.1 54.1#

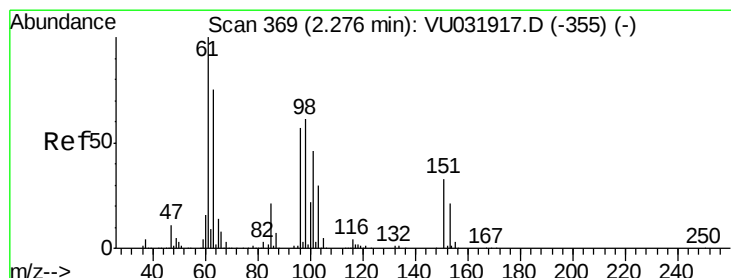
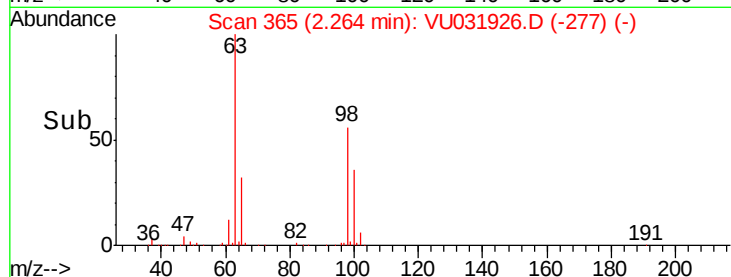
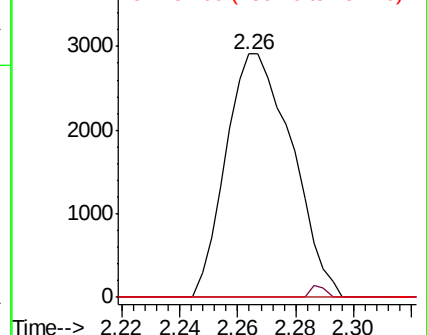
151 0.0 56.1 84.1#



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: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031926.D

Acq: 11 May 2019 13:16

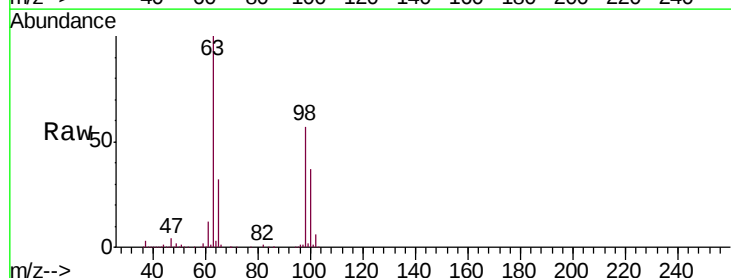
Tgt Ion: 96 Resp: 4754

Ion Ratio Lower Upper

96 100

61 1307.1 135.0 250.6#

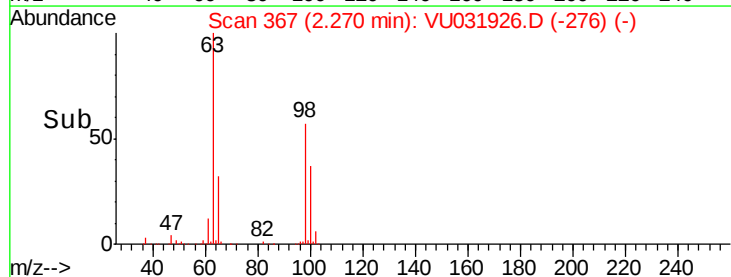
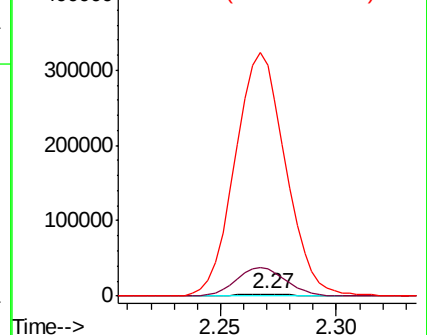
63 11051.0 103.5 192.3#

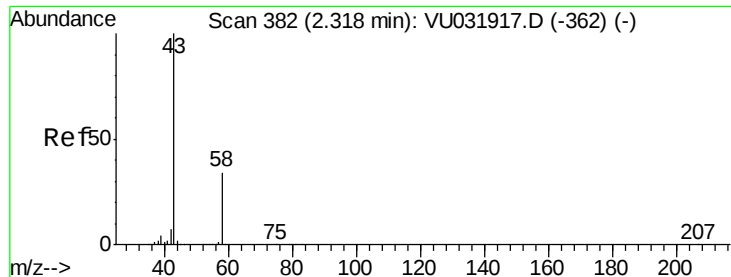


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.774 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU031926.D

Acq: 11 May 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

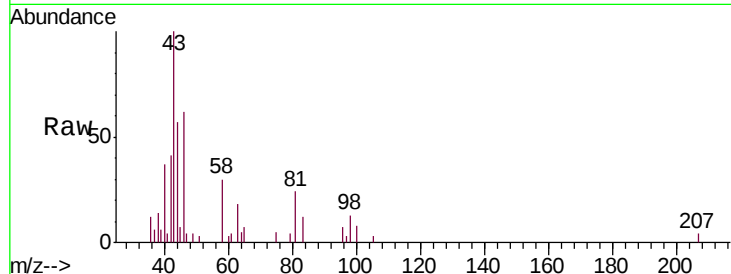
C0B54DL

Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

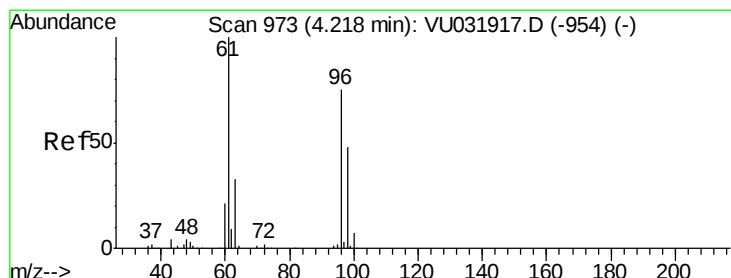
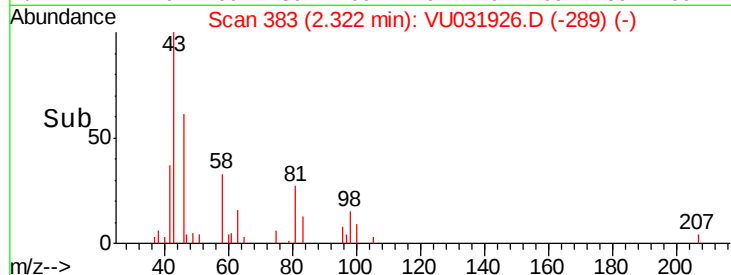
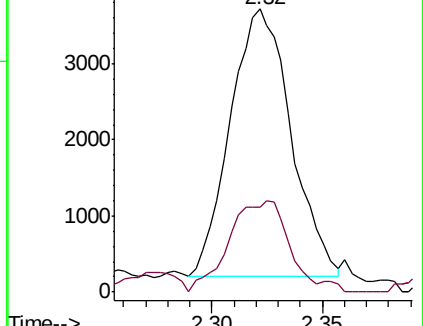
43 100

58 18.9 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) (-)



#20

cis-1,2-Dichloroethene

Concen: 12.980 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031926.D

Acq: 11 May 2019 13:16

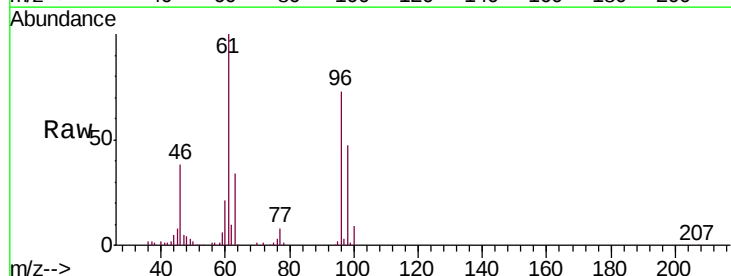
Tgt Ion: 96 Resp: 114833

Ion Ratio Lower Upper

96 100

61 137.6 99.5 184.7

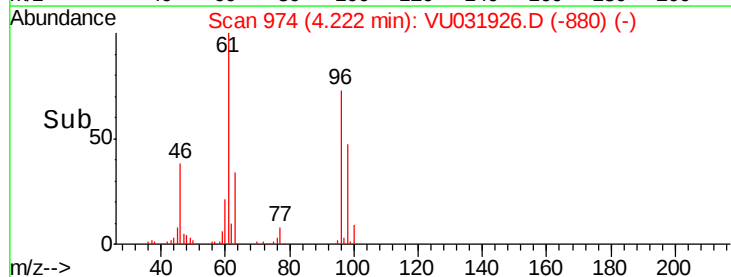
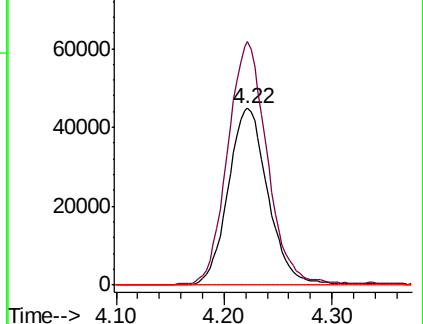
68 0.0 0.0 0.0

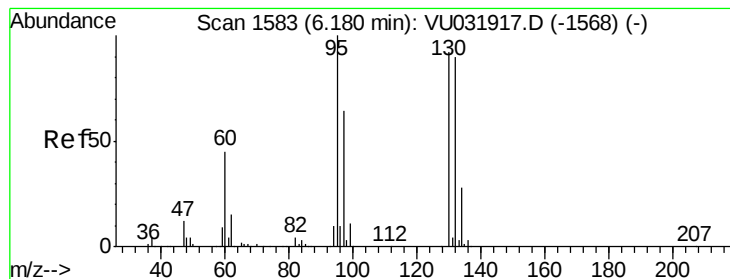


Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-954) (-)

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

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





#34

Trichloroethene

Concen: 60.474 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031926.D

Acq: 11 May 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 95 Resp: 541425

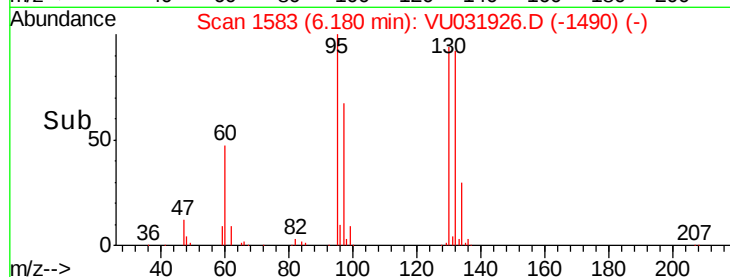
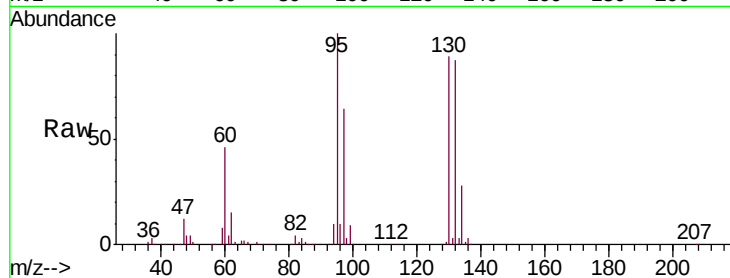
Ion Ratio Lower Upper

95 100

97 63.7 44.8 83.2

132 87.2 63.1 117.1

130 88.8 66.5 123.5



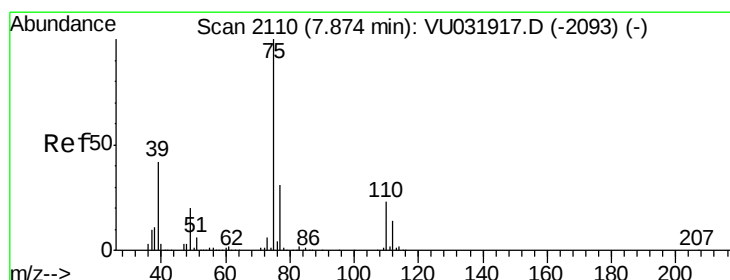
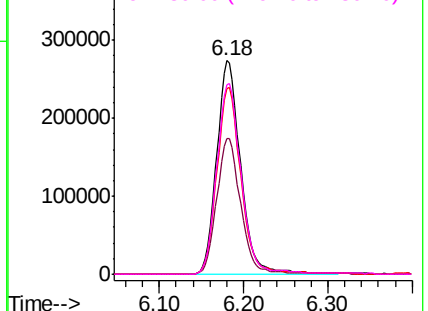
Abundance

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: 0.599 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031926.D

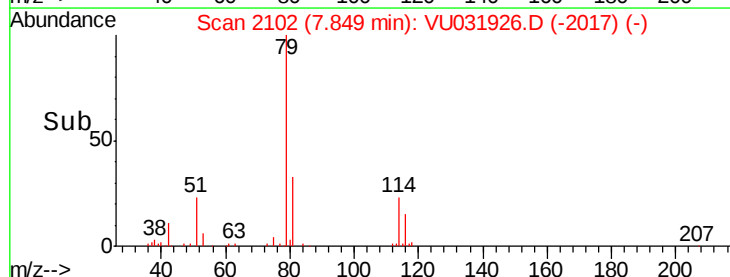
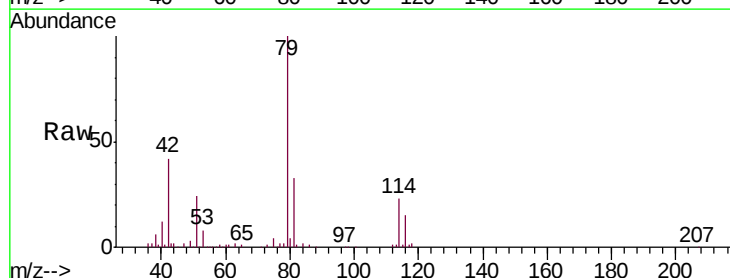
Acq: 11 May 2019 13:16

Tgt Ion: 75 Resp: 7533

Ion Ratio Lower Upper

75 100

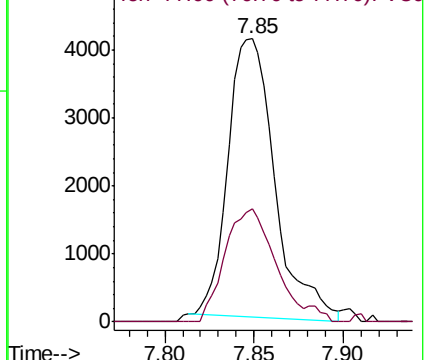
77 39.9 22.1 41.1

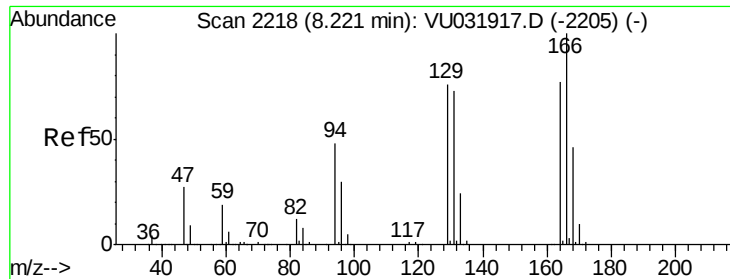


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

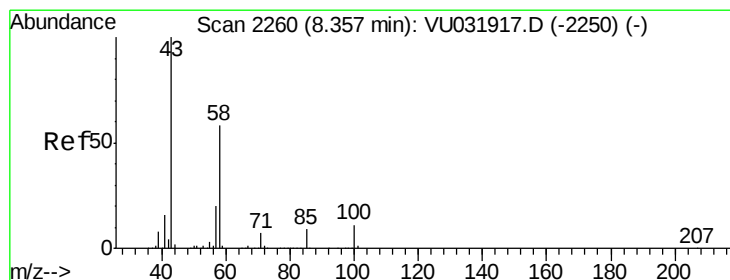
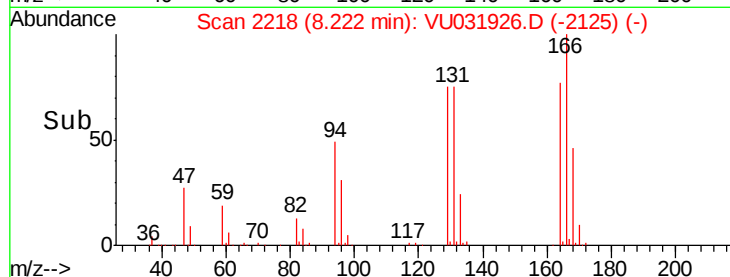
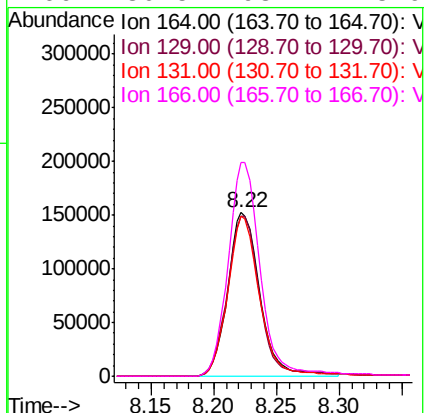
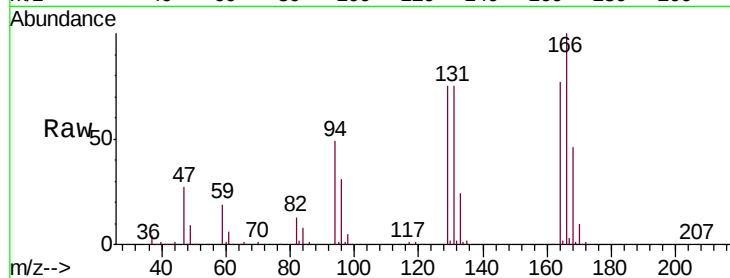




#46
Tetrachloroethene
Concen: 44.332 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031926.D
Acq: 11 May 2019 13:16

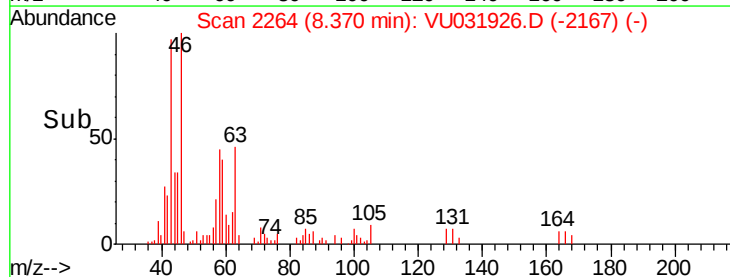
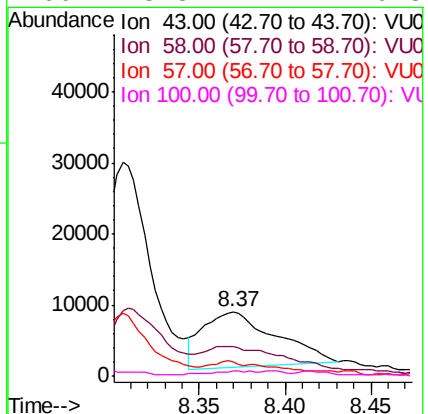
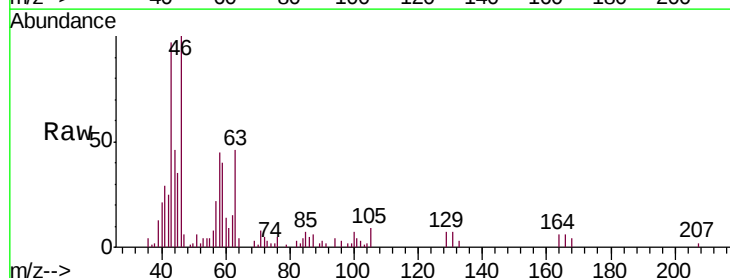
Instrument :
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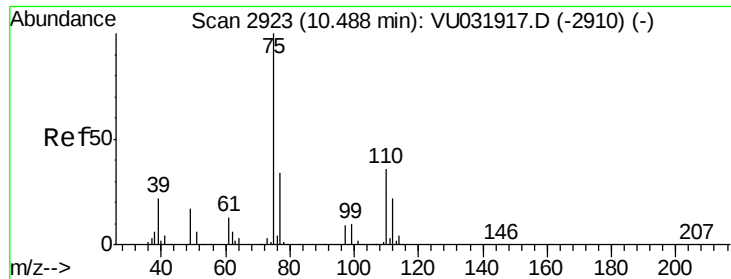
Tgt Ion:	164	Resp:	270580
Ion	Ratio	Lower	Upper
164	100		
129	98.1	71.5	132.9
131	97.6	69.0	128.2
166	130.5	93.7	173.9



#48
2-Hexanone
Concen: 1.752 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031926.D
Acq: 11 May 2019 13:16

Tgt Ion:	43	Resp:	22863
Ion	Ratio	Lower	Upper
43	100		
58	6.4	42.1	63.1#
57	3.8	14.6	22.0#
100	3.3	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 3.918 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031926.D

Acq: 11 May 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0B54DL

Tgt Ion: 75 Resp: 48703

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

