

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031185.D
 Acq On : 14 Apr 2019 02:47
 Operator : JC/SP
 Sample : K2339-13DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC36DL

Quant Time: Apr 14 03:08:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	178144	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.54%
7) Chloroethane-d5	1.67	69	146605	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.26	63	326098	43.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.58%
21) 2-Butanone-d5	4.17	46	322630	98.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.64	84	322764	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.30	65	215932	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.33	84	641241	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
36) 1,2-Dichloropropane-d6	6.32	67	221626	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.56	98	501656	44.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.52%
43) trans-1,3-Dichloropropene-	7.85	79	83705	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.78%
47) 2-Hexanone-d5	8.31	63	181115	90.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299901	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	179909	55.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.36%

Target Compounds

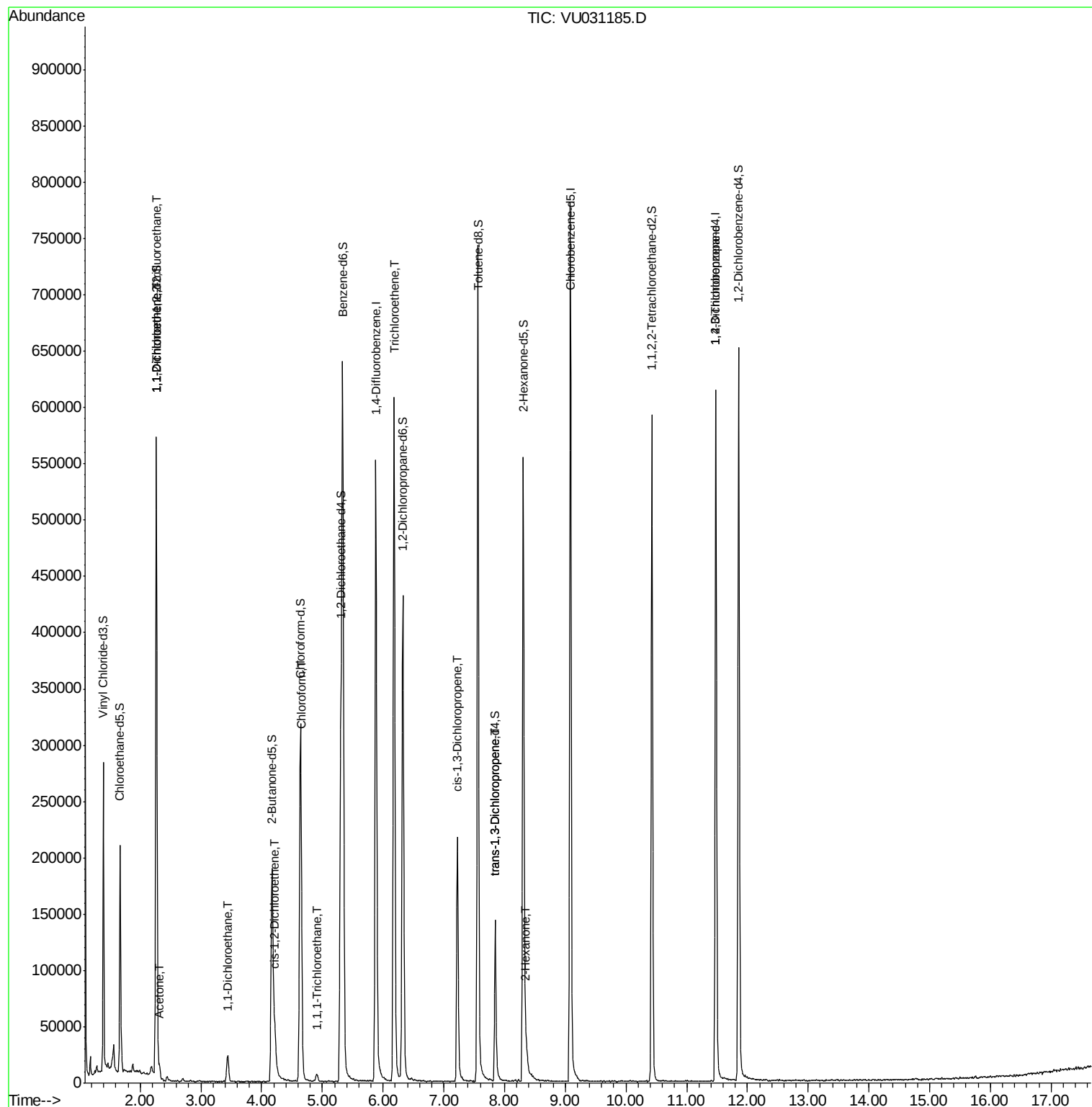
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2613	0.791	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	32244	10.115	ug/L #	1
13) Acetone	2.32	43	8648	2.590	ug/L	95
19) 1,1-Dichloroethane	3.44	63	27042	3.871	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	14593	3.905	ug/L	96
25) Chloroform	4.66	83	5765	0.821	ug/L	80
30) 1,1,1-Trichloroethane	4.91	97	5038	0.944	ug/L #	79
34) Trichloroethene	6.18	95	223276	63.510	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4885	0.846	ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	3645	0.716	ug/L	98
48) 2-Hexanone	8.36	43	8351	1.640	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	19924	4.099	ug/L	96

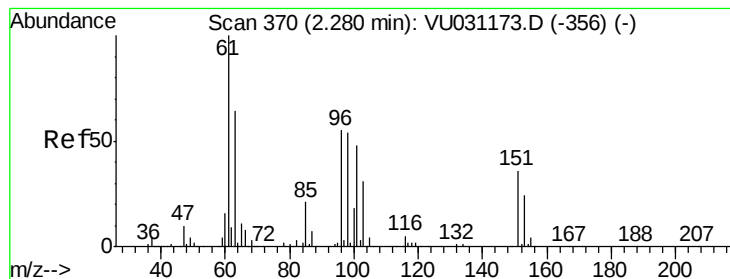
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.791 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031185.D

Acq: 14 Apr 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

BFC36DL

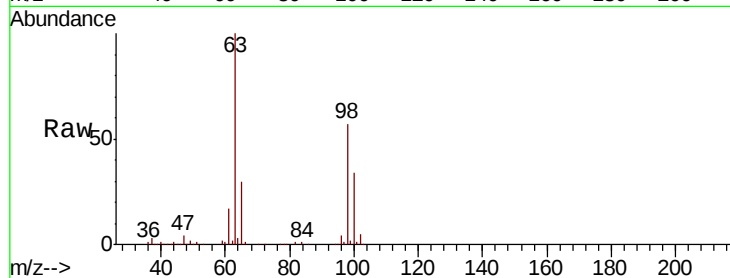
Tot Ion:101 Resp: 2613

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

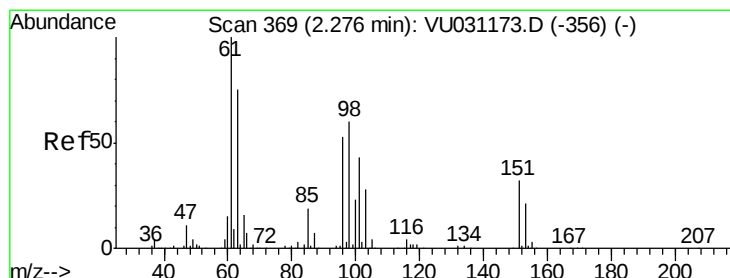
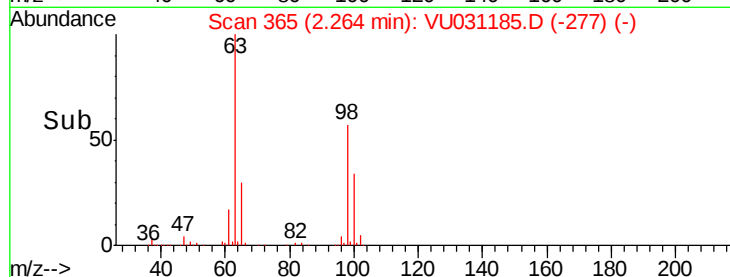
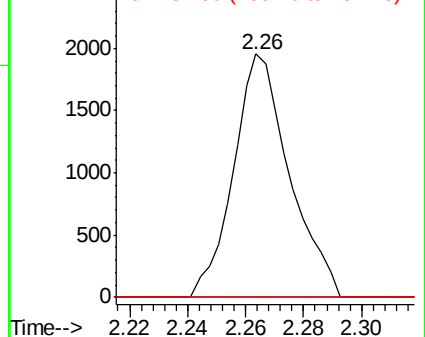
151 0.0 57.4 86.0#



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: 10.115 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031185.D

Acq: 14 Apr 2019 02:47

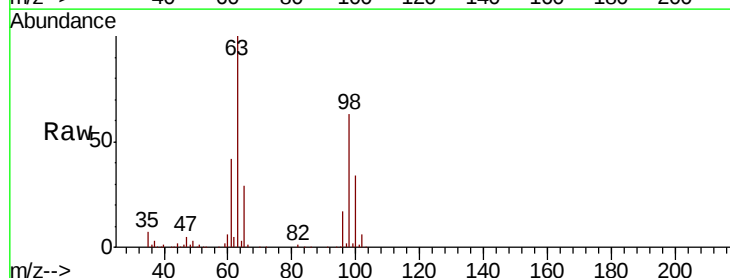
Tgt Ion: 96 Resp: 32244

Ion Ratio Lower Upper

96 100

61 246.3 132.0 245.2#

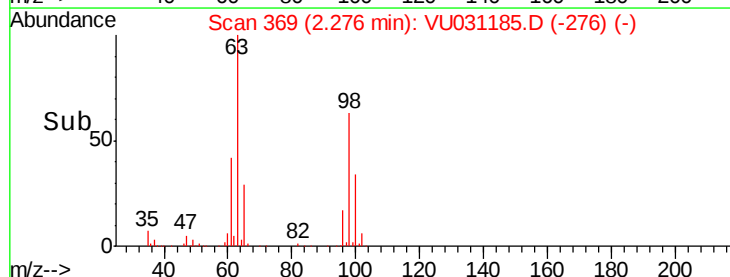
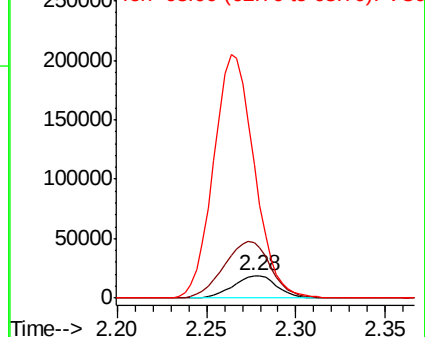
63 588.9 90.9 168.9#

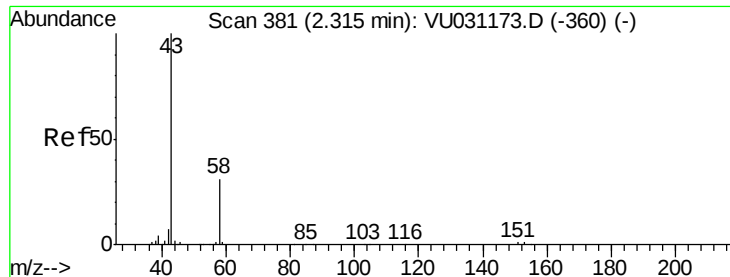


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.590 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031185.D

Acq: 14 Apr 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

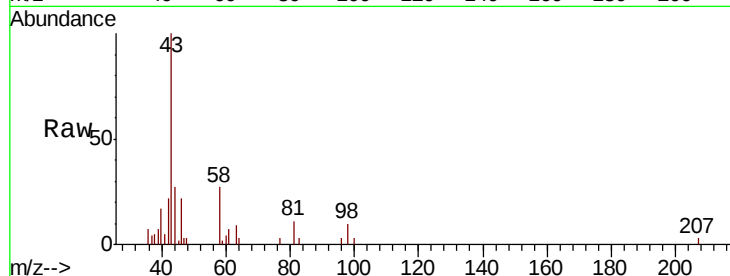
BFC36DL

Tot Ion: 43 Resp: 8648

Ion Ratio Lower Upper

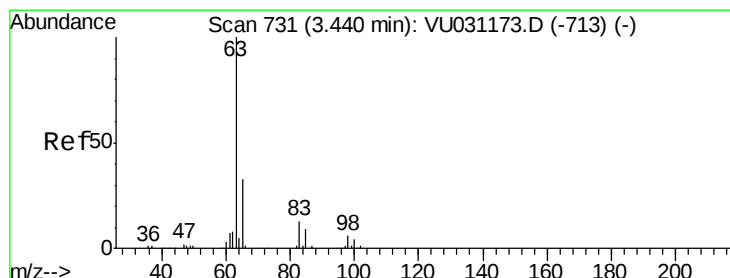
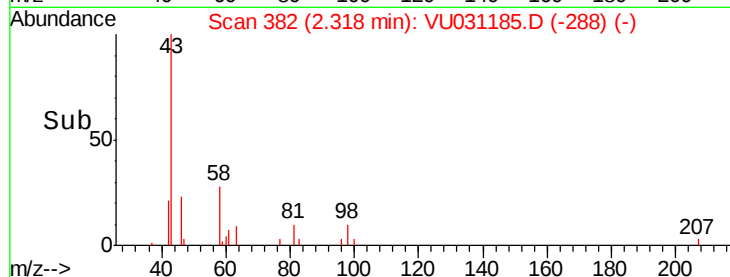
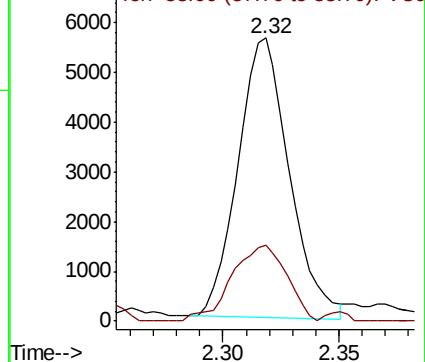
43 100

58 29.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031173.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031173.D (-360) (-)



#19

1,1-Dichloroethane

Concen: 3.871 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031185.D

Acq: 14 Apr 2019 02:47

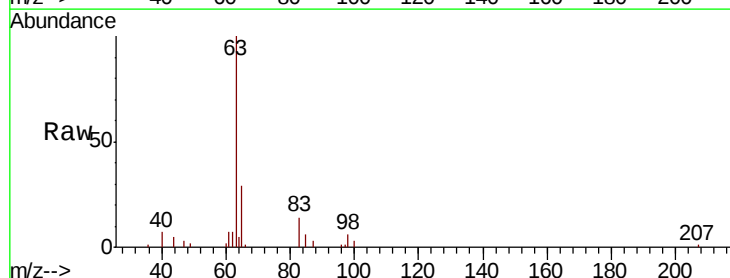
Tgt Ion: 63 Resp: 27042

Ion Ratio Lower Upper

63 100

65 29.0 21.4 39.8

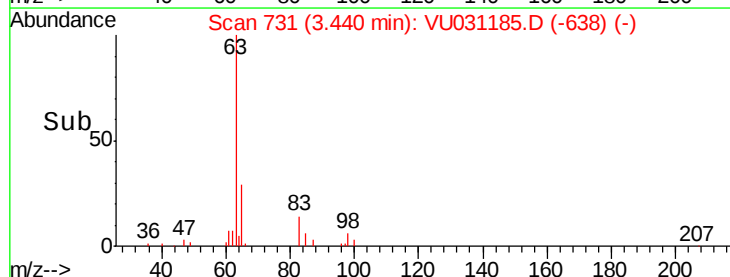
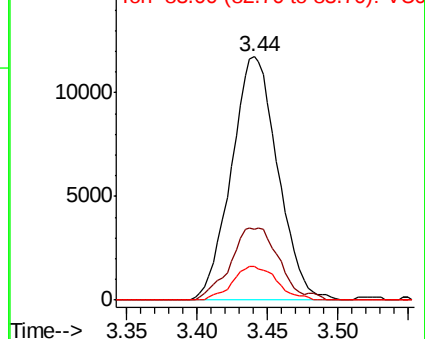
83 13.8 8.5 15.7

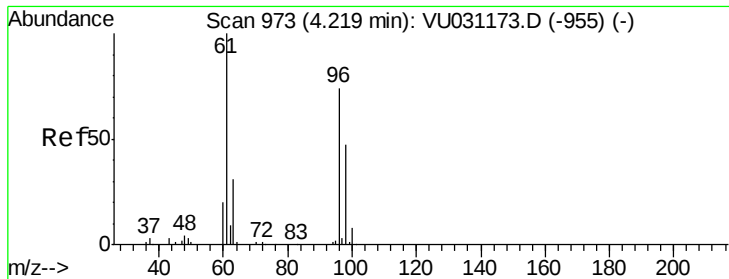


Abundance Ion 63.00 (62.70 to 63.70): VU031173.D (-713) (-)

Ion 65.00 (64.70 to 65.70): VU031173.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VU031173.D (-713) (-)



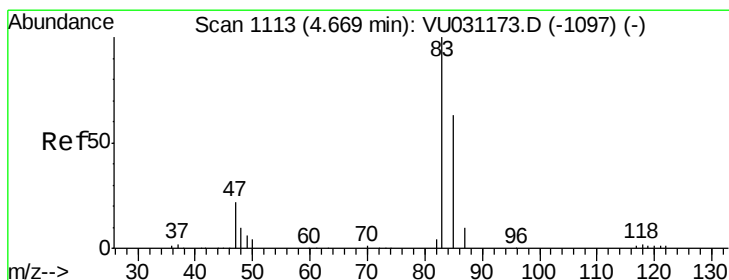
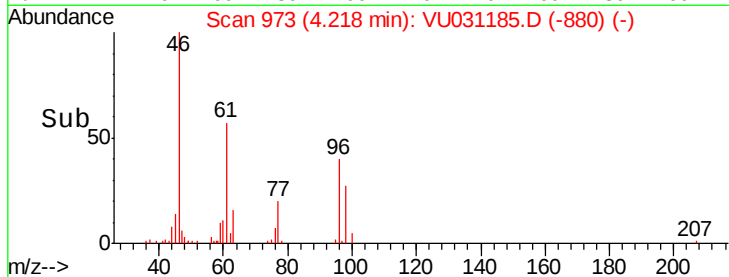
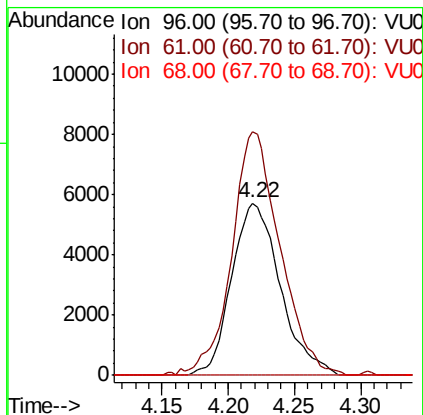
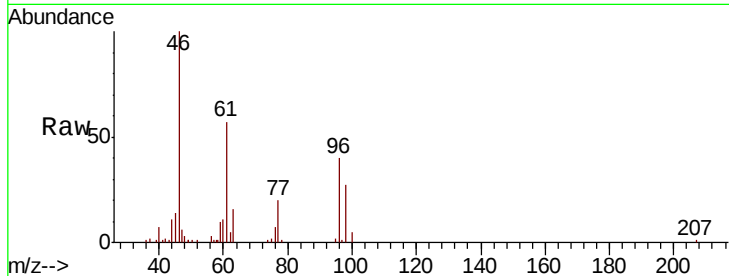


#20

cis-1,2-Dichloroethene
 Concen: 3.905 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

Instrument :
 MSVOA_U
 ClientSampled :
 BFC36DL

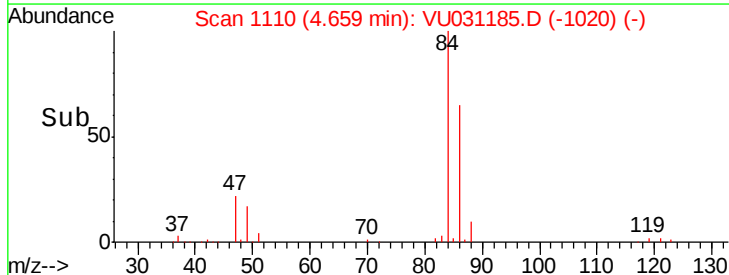
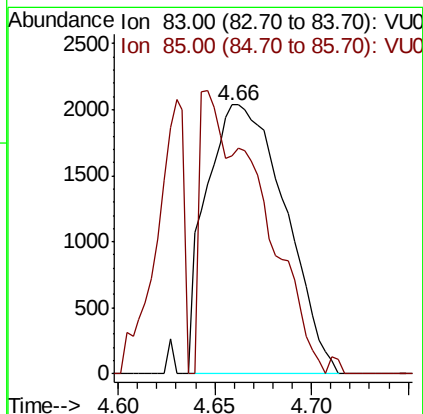
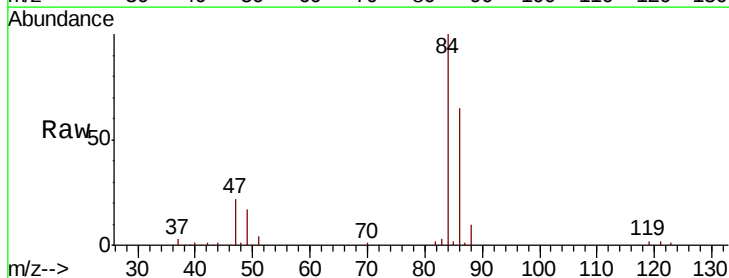
Tot Ion: 96 Resp: 14593
 Ion Ratio Lower Upper
 96 100
 61 141.5 102.9 191.1
 68 0.0 0.0 0.0

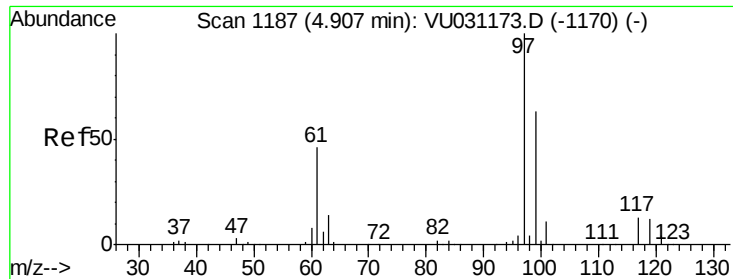


#25

Chloroform
 Concen: 0.821 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

Tgt Ion: 83 Resp: 5765
 Ion Ratio Lower Upper
 83 100
 85 80.9 45.8 85.0

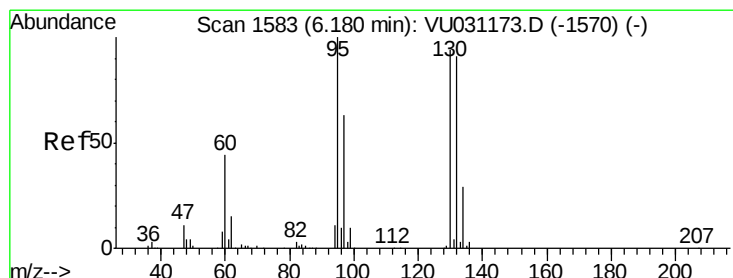
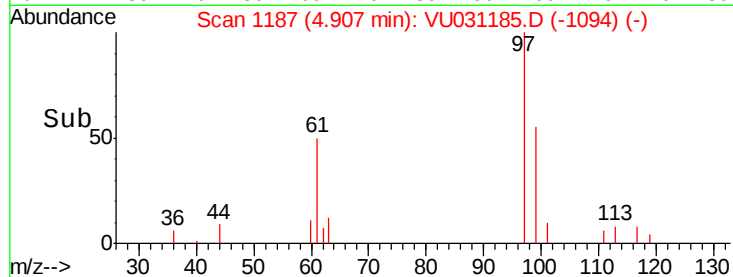
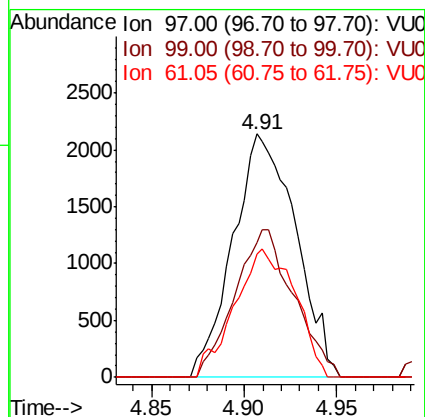
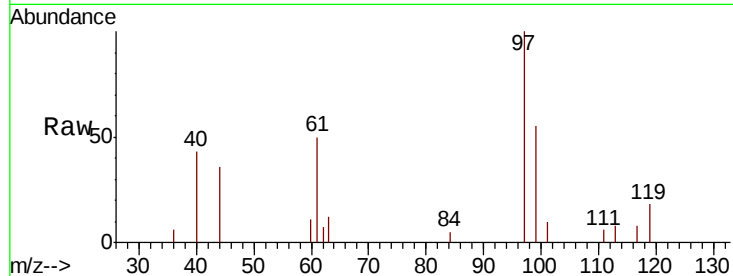




#30
 1,1,1-Trichloroethane
 Concen: 0.944 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

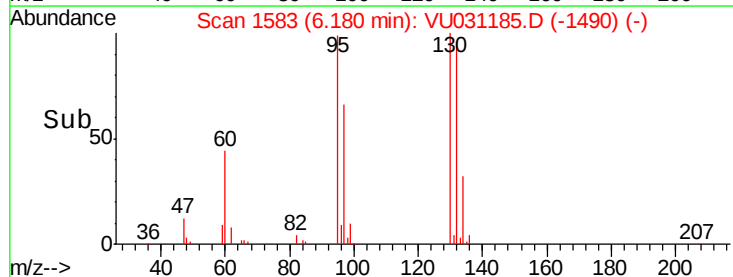
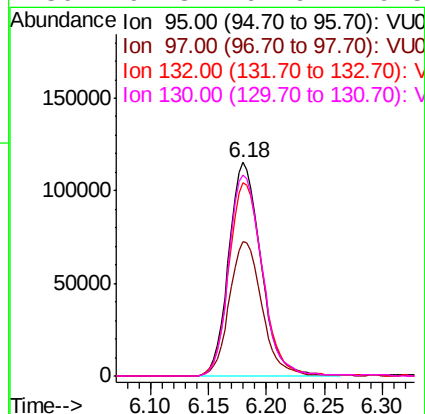
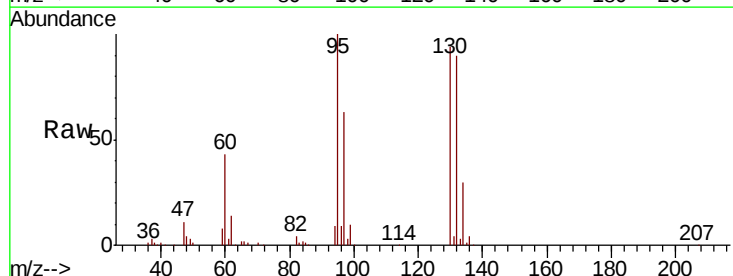
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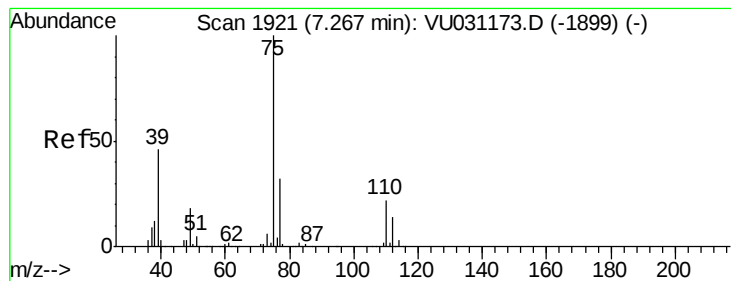
Tot Ion: 97 Resp: 5038
 Ion Ratio Lower Upper
 97 100
 99 56.9 51.4 77.2
 61 22.2 37.1 55.7#



#34
 Trichloroethene
 Concen: 63.510 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

Tgt Ion: 95 Resp: 223276
 Ion Ratio Lower Upper
 95 100
 97 62.6 44.5 82.7
 132 90.3 61.5 114.1
 130 94.3 64.9 120.5



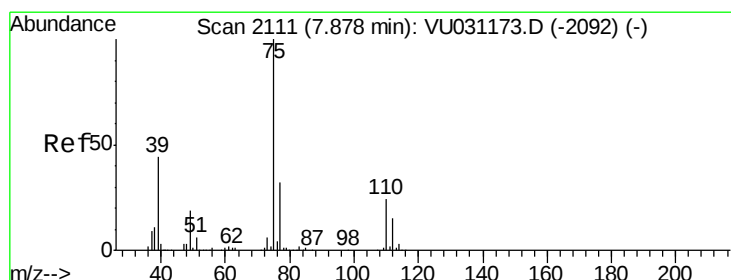
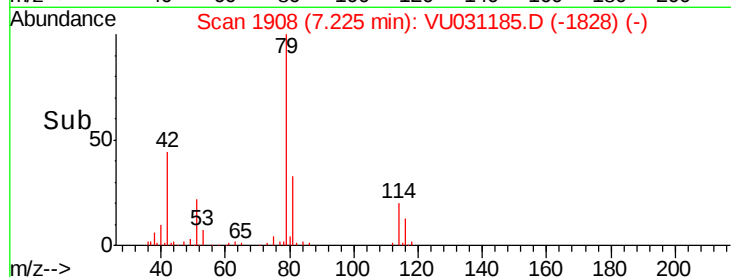
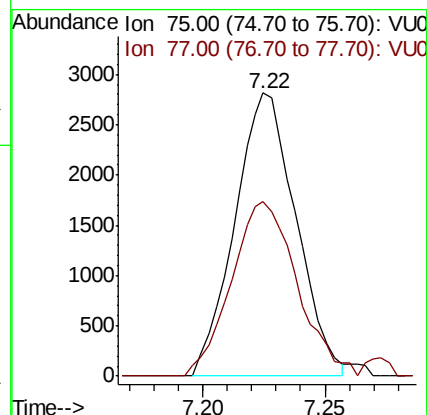
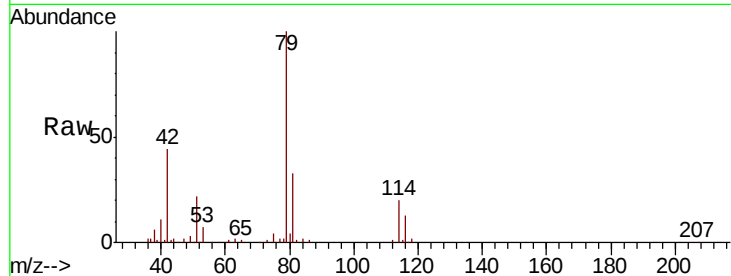


#39

cis-1,3-Dichloropropene
 Concen: 0.846 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
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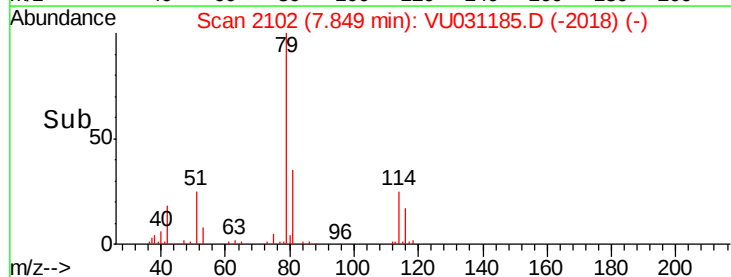
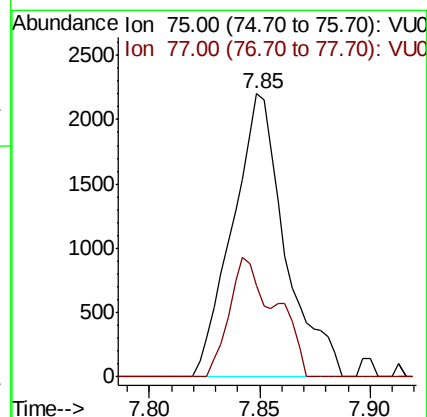
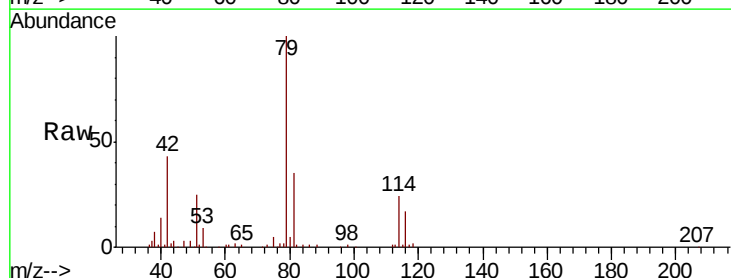
Tot Ion: 75 Resp: 4885
 Ion Ratio Lower Upper
 75 100
 77 61.7 23.1 42.9#

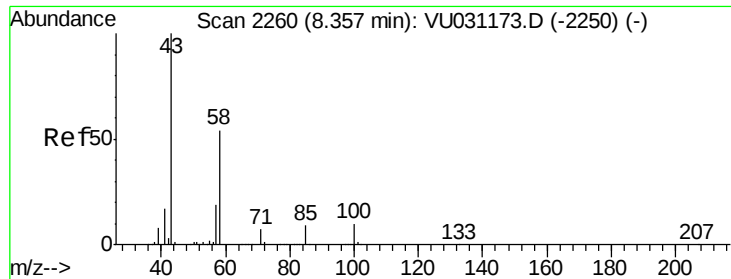


#44

trans-1,3-Dichloropropene
 Concen: 0.716 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031185.D
 Acq: 14 Apr 2019 02:47

Tgt Ion: 75 Resp: 3645
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.6 40.0

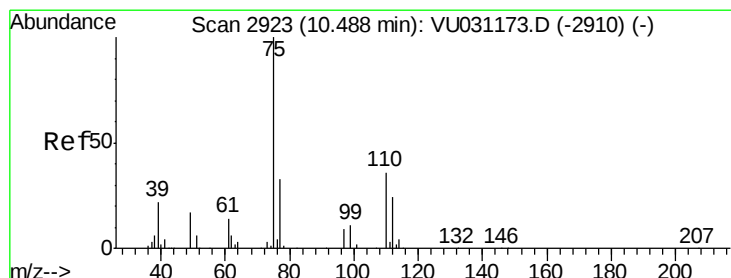
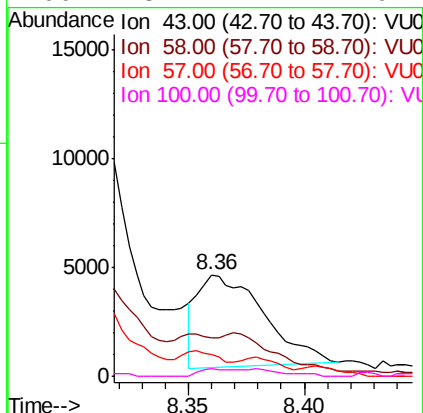
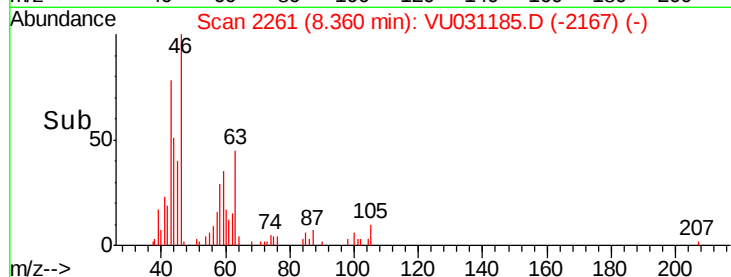
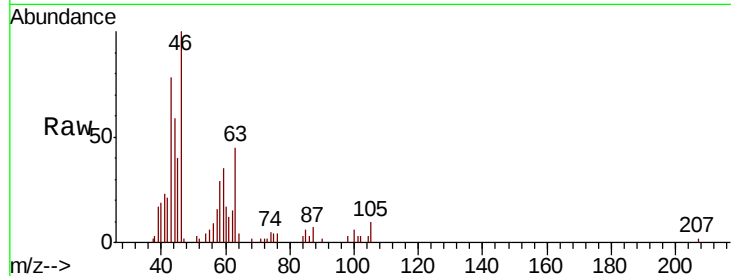




#48
2-Hexanone
Concen: 1.640 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031185.D
Acq: 14 Apr 2019 02:47

Instrument :
MSVOA_U
ClientSampleId :
BFC36DL

Tot Ion: 43 Resp: 8351
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 19.2 14.3 21.5
100 3.4 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.099 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031185.D
Acq: 14 Apr 2019 02:47

Tgt Ion: 75 Resp: 19924
Ion Ratio Lower Upper
75 100
77 35.1 26.1 39.1

