

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031175.D
 Acq On : 13 Apr 2019 22:51
 Operator : JC/SP
 Sample : K2403-07RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5124

Quant Time: Apr 13 23:58:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 23:49:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	485317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	178375	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.34%
7) Chloroethane-d5	1.67	69	146072	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.84%
11) 1,1-Dichloroethene-d2	2.26	63	251508	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.20%
21) 2-Butanone-d5	4.17	46	314789	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.64	84	323898	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.30	65	219807	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.33	84	659490	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.32	67	223512	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.56	98	553753	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	7.85	79	92326	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.31	63	194573	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307138	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	197222	56.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.58%

Target Compounds

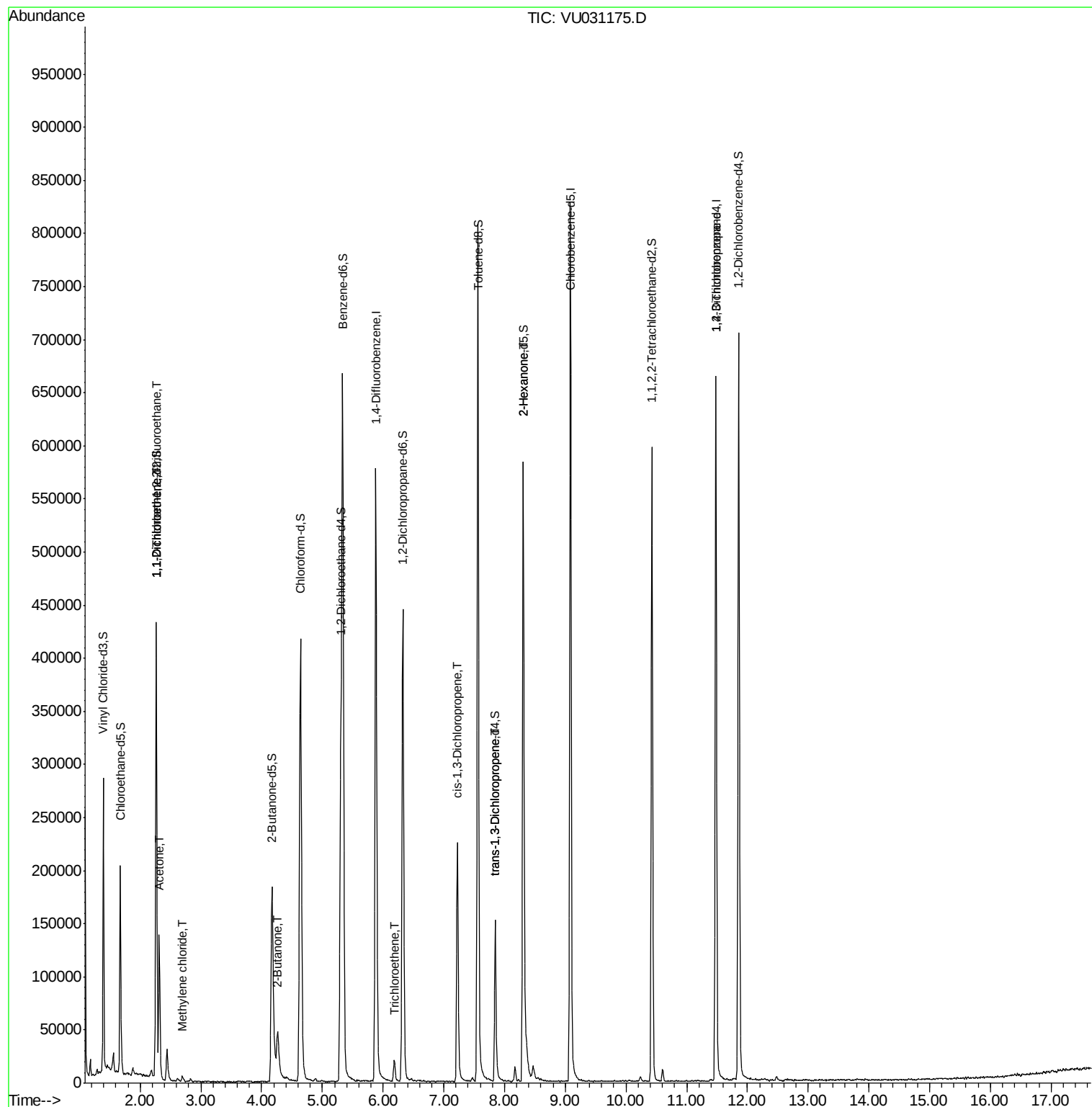
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2135	0.614	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2011	0.599	ug/L #	1
13) Acetone	2.32	43	135573	38.586	ug/L	100
16) Methylene chloride	2.69	84	2428	0.596	ug/L	74
22) 2-Butanone	4.26	43	70557	17.128	ug/L	80
34) Trichloroethene	6.19	95	6661	1.801	ug/L	90
39) cis-1,3-Dichloropropene	7.22	75	5008	0.824	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3946	0.737	ug/L	98
48) 2-Hexanone	8.31	43	24855	4.641	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	20874	4.083	ug/L	96

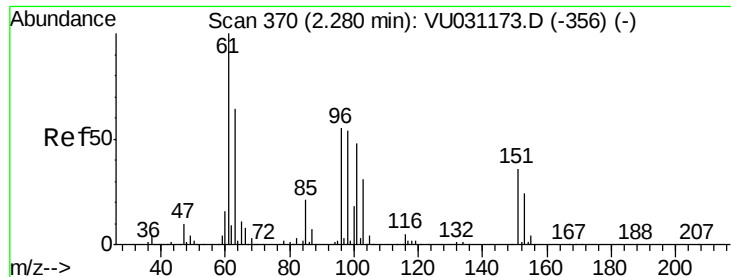
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 23:49:21 2019
Response via : Initial Calibration





#10

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

Concen: 0.614 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Instrument :

MSVOA_U

ClientSampleId :

A5124

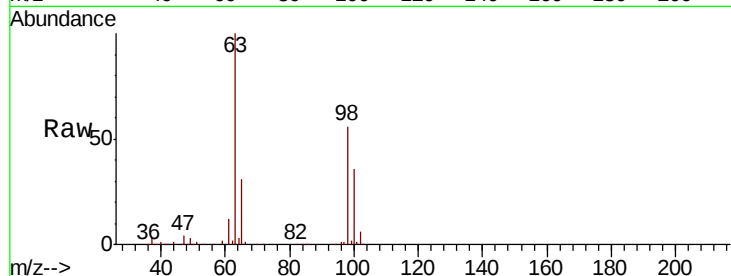
Tot Ion:101 Resp: 2135

Ion Ratio Lower Upper

101 100

85 2.2 36.8 55.2#

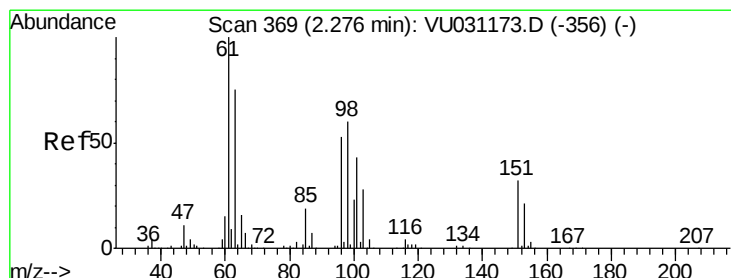
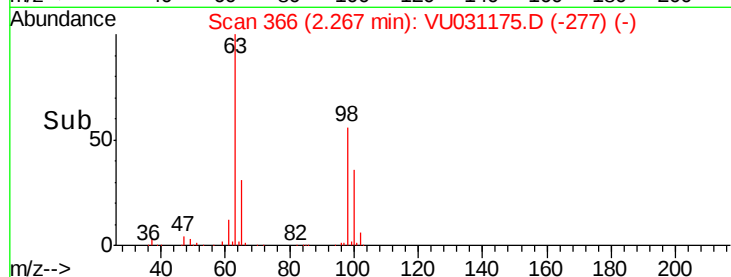
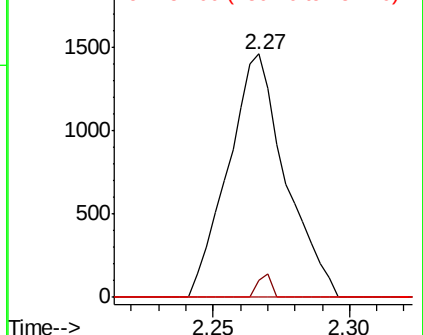
151 0.0 57.4 86.0#



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: 0.599 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

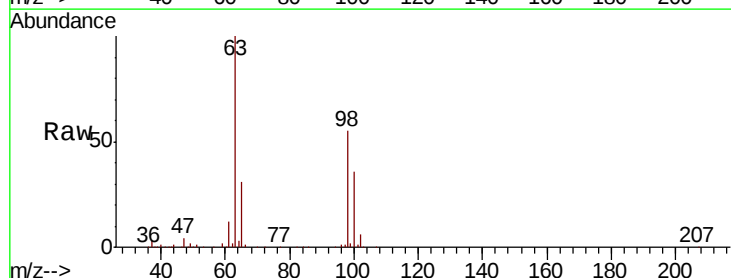
Tgt Ion: 96 Resp: 2011

Ion Ratio Lower Upper

96 100

61 1391.6 132.0 245.2#

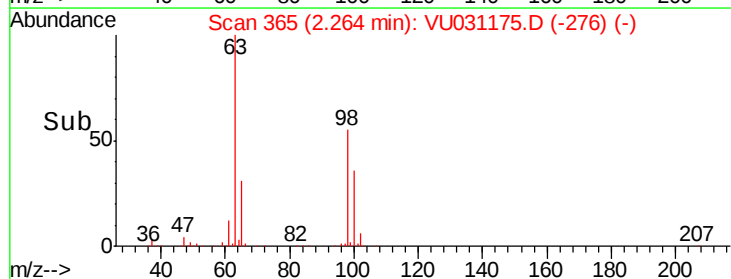
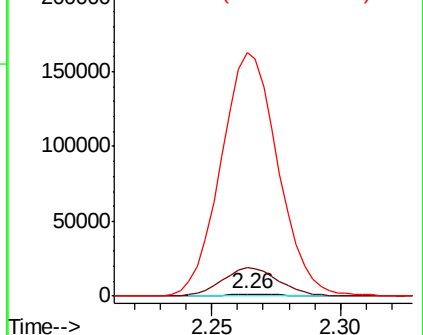
63 11975.9 90.9 168.9#

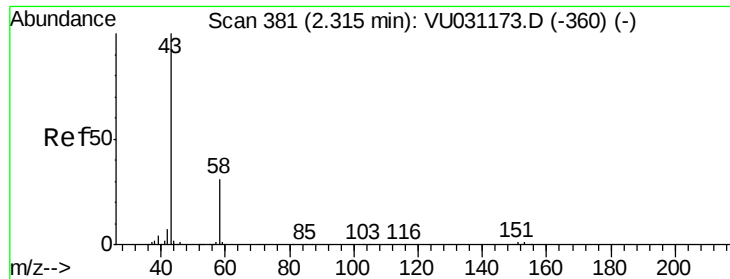


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 38.586 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Instrument :

MSVOA_U

ClientSampleId :

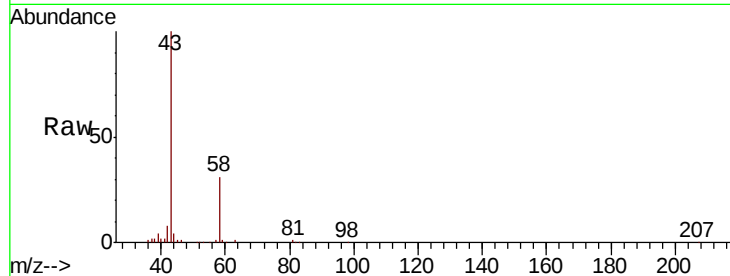
A5124

Tot Ion: 43 Resp: 135573

Ion Ratio Lower Upper

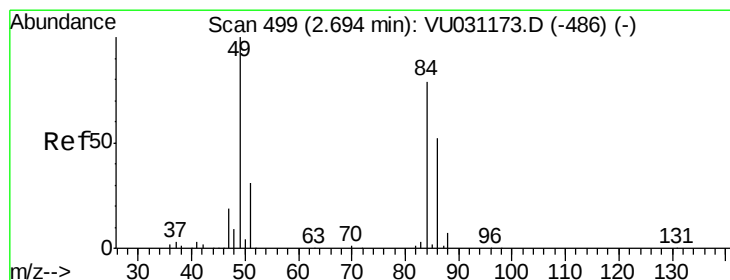
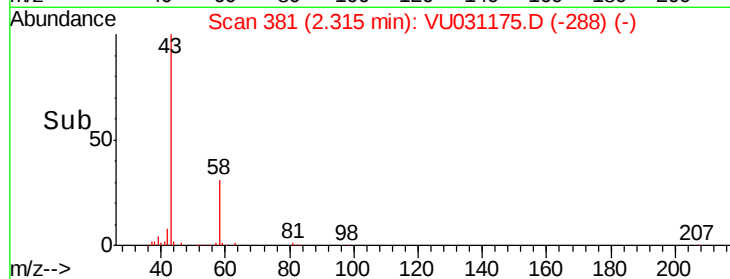
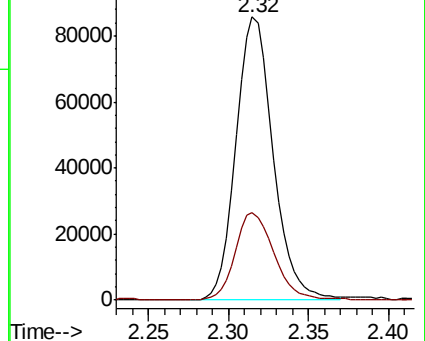
43 100

58 32.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031175.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031175.D (-360) (-)



#16

Methylene chloride

Concen: 0.596 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

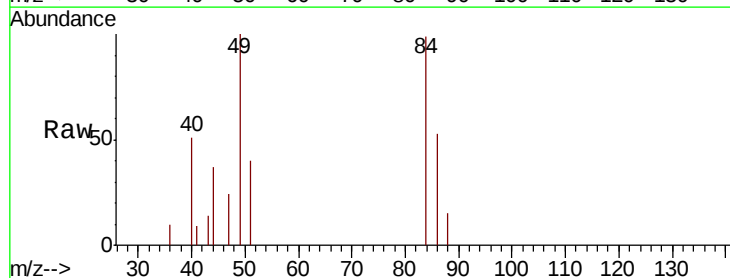
Tgt Ion: 84 Resp: 2428

Ion Ratio Lower Upper

84 100

86 53.3 45.1 83.7

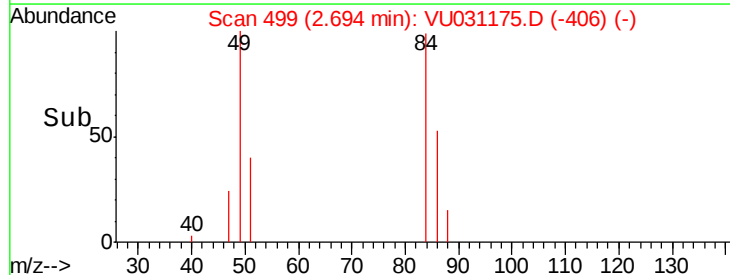
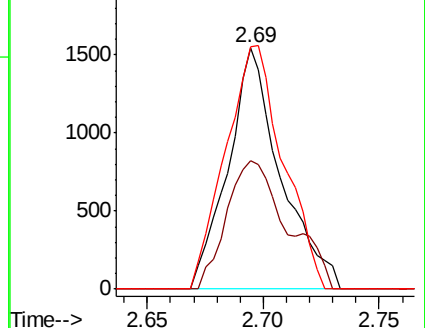
49 100.6 96.5 179.1

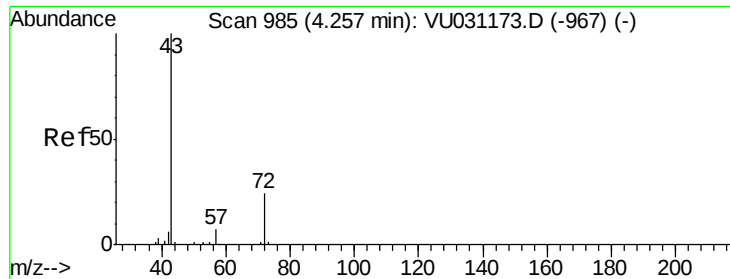


Abundance Ion 84.00 (83.70 to 84.70): VU031175.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU031175.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU031175.D (-486) (-)





#22

2-Butanone

Concen: 17.128 ug/L

RT: 4.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Instrument :

MSVOA_U

ClientSampleId :

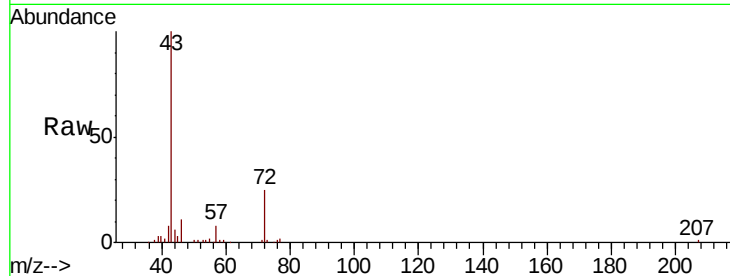
A5124

Tot Ion: 43 Resp: 70557

Ion Ratio Lower Upper

43 100

72 12.2 10.8 32.4

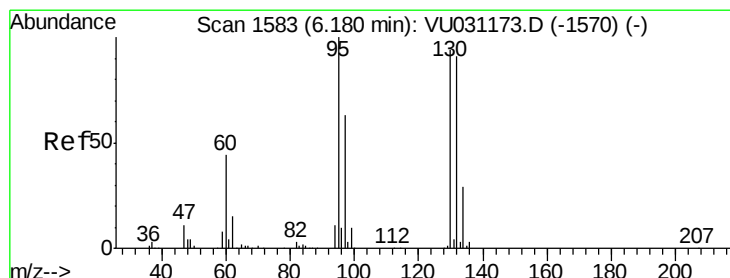
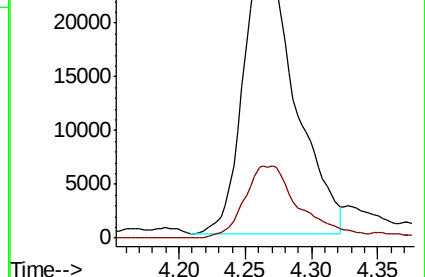
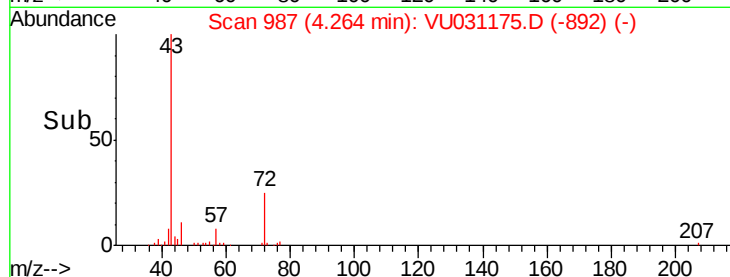


Abundance Ion 43.00 (42.70 to 43.70): VU031173.D (-967) (-)

Ion 72.00 (71.70 to 72.70): VU031173.D (-967) (-)

4.26

Time-->



#34

Trichloroethene

Concen: 1.801 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031175.D

Acq: 13 Apr 2019 22:51

Tgt Ion: 95 Resp: 6661

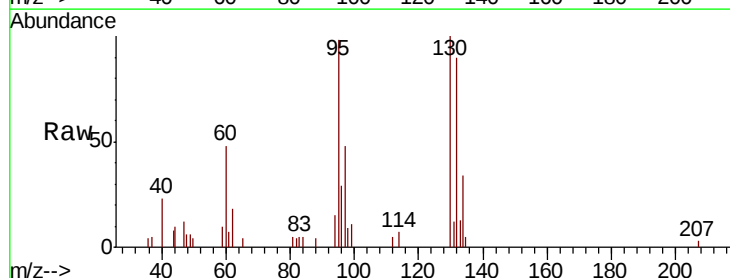
Ion Ratio Lower Upper

95 100

97 49.1 44.5 82.7

132 91.0 61.5 114.1

130 101.5 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU031173.D (-1570) (-)

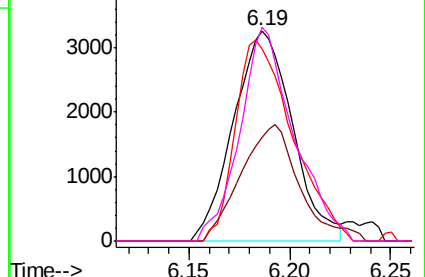
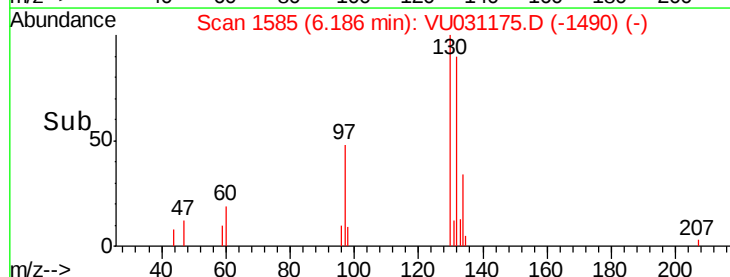
Ion 97.00 (96.70 to 97.70): VU031173.D (-1570) (-)

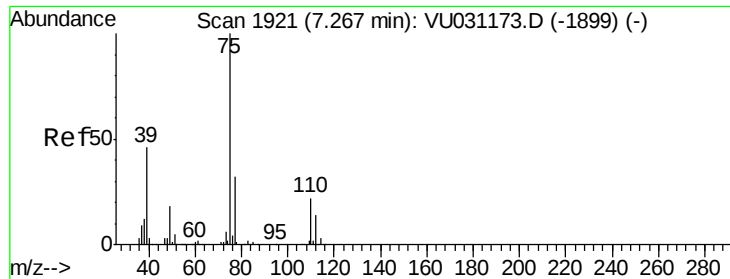
Ion 132.00 (131.70 to 132.70): VU031173.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU031173.D (-1570) (-)

6.19

Time-->



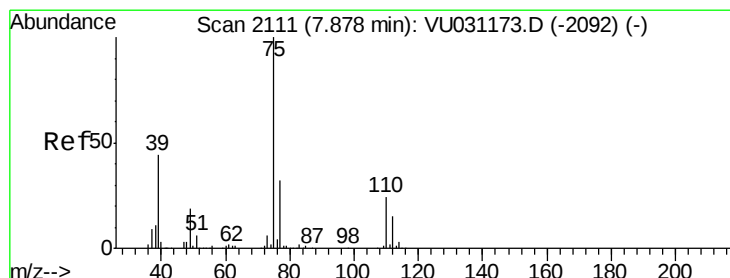
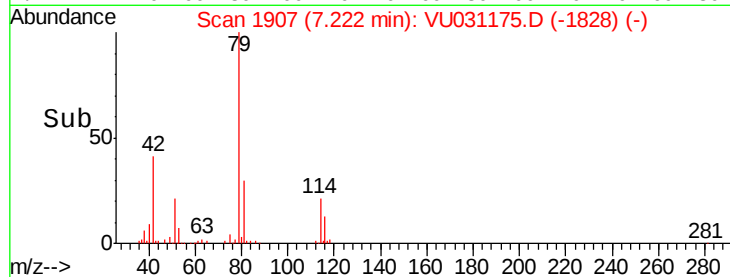
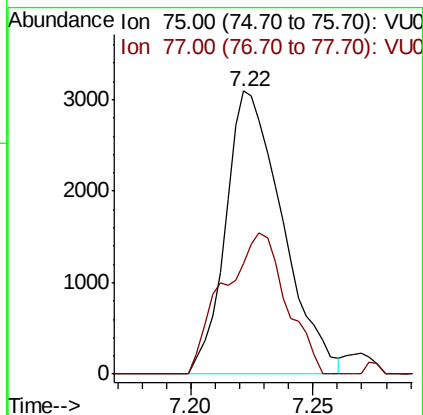
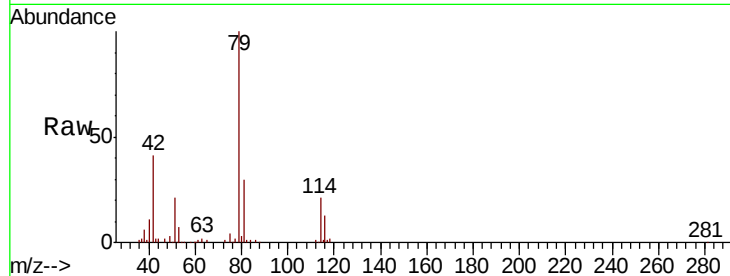


#39

cis-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031175.D
Acq: 13 Apr 2019 22:51

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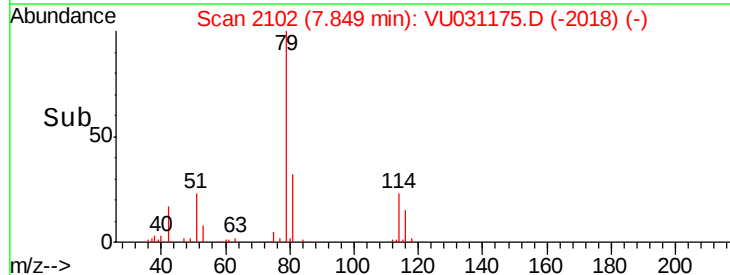
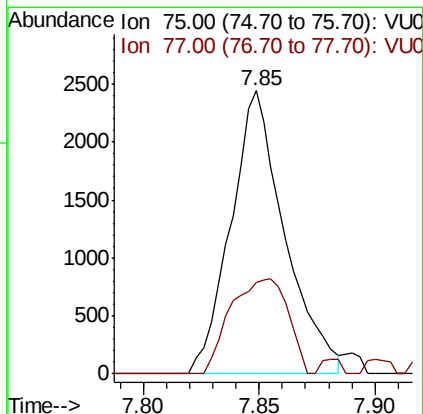
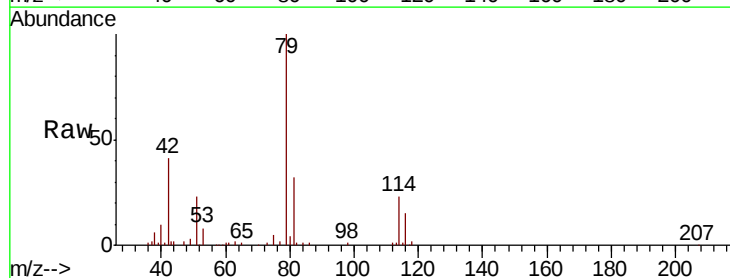
Tot Ion: 75 Resp: 5008
Ion Ratio Lower Upper
75 100
77 39.1 23.1 42.9

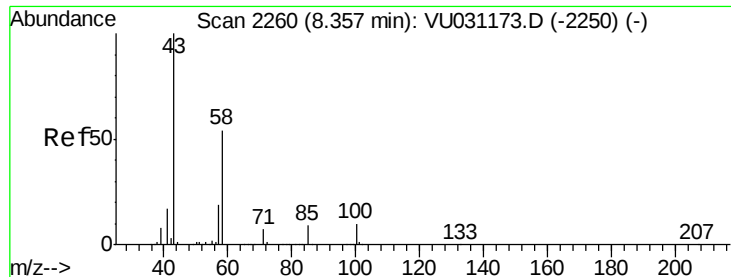


#44

trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031175.D
Acq: 13 Apr 2019 22:51

Tgt Ion: 75 Resp: 3946
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.0

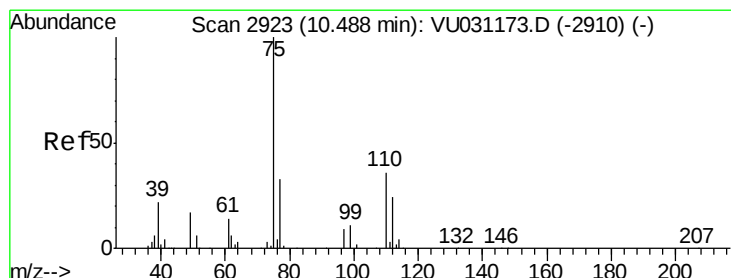
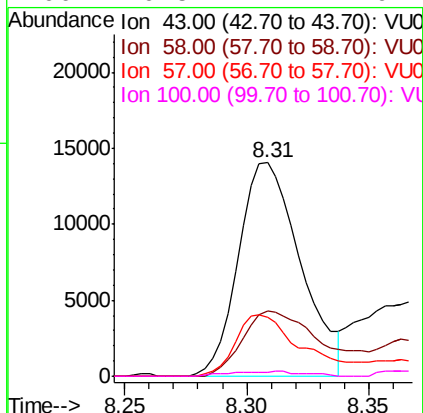
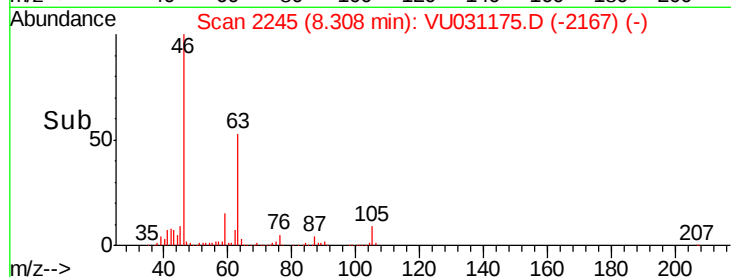
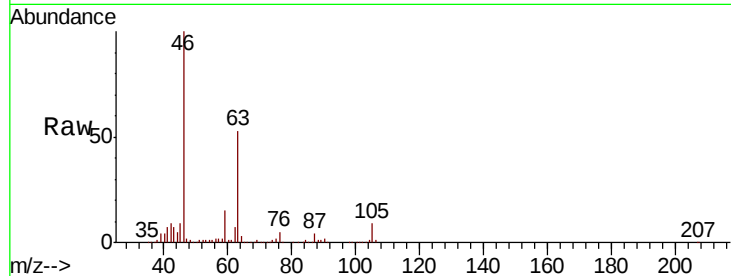




#48
2-Hexanone
Concen: 4.641 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031175.D
Acq: 13 Apr 2019 22:51

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Tot Ion: 43 Resp: 24855
Ion Ratio Lower Upper
43 100
58 40.0 41.9 62.9#
57 31.3 14.3 21.5#
100 0.5 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.083 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031175.D
Acq: 13 Apr 2019 22:51

Tgt Ion: 75 Resp: 20874
Ion Ratio Lower Upper
75 100
77 34.9 26.1 39.1

