

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031161.D
 Acq On : 13 Apr 2019 17:04
 Operator : JC/SP
 Sample : K2341-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB734

Quant Time: Apr 13 22:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464310	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448496	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196466	47.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.80%
7) Chloroethane-d5	1.67	69	151964	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.26	63	255465	34.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.16%
21) 2-Butanone-d5	4.17	46	313709	95.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.64	84	331988	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
26) 1,2-Dichloroethane-d4	5.30	65	218991	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
32) Benzene-d6	5.33	84	657606	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
36) 1,2-Dichloropropane-d6	6.32	67	223002	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.56	98	543153	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	93264	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.31	63	186394	90.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300955	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	180464	55.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.46%

Target Compounds

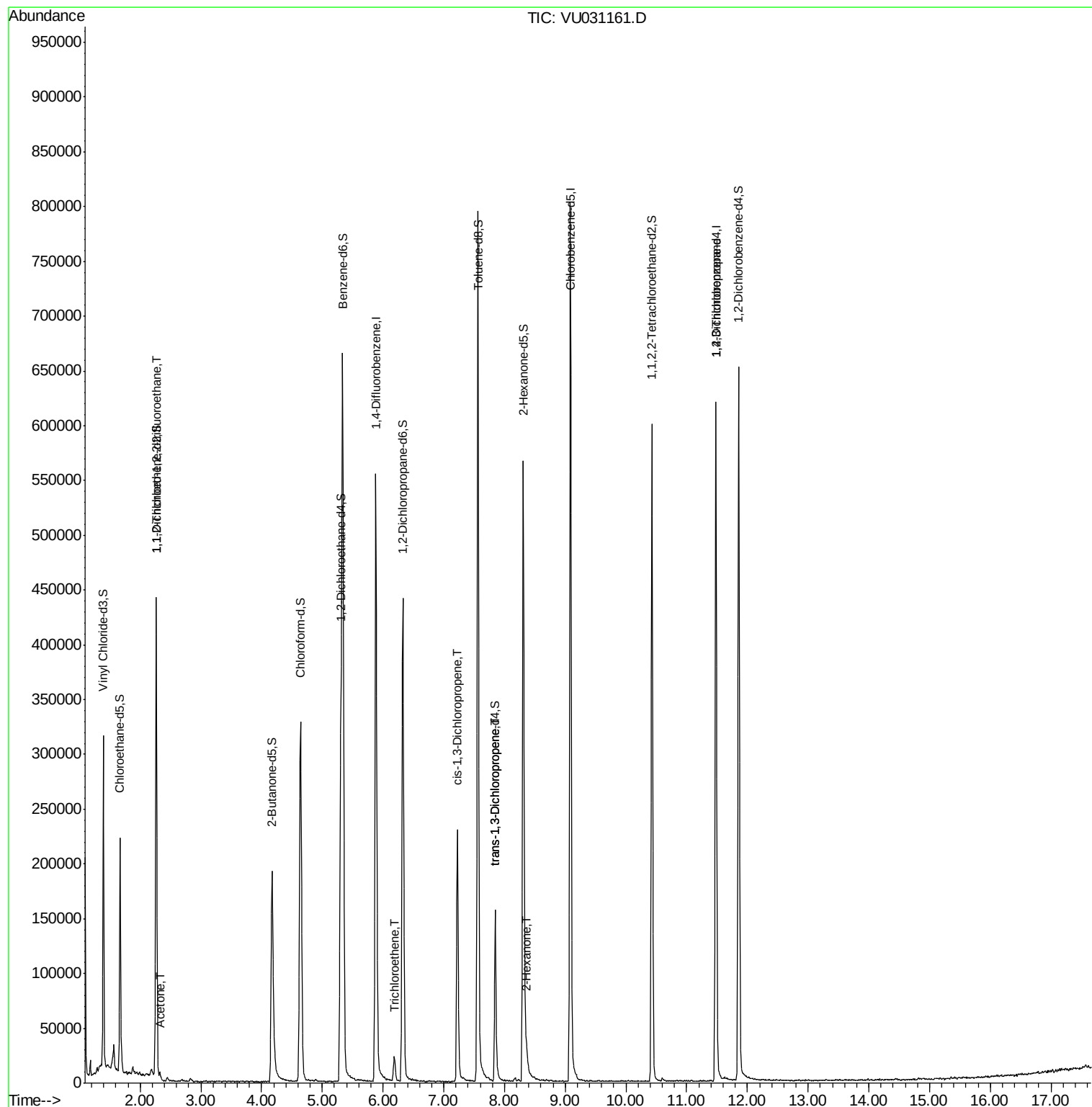
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2169	0.652 ug/L #	20
13) Acetone	2.32	43	2960	0.881 ug/L	99
34) Trichloroethene	6.19	95	7814	2.171 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	5465	0.924 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3756	0.721 ug/L #	77
48) 2-Hexanone	8.36	43	10542	2.022 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	19619	3.942 ug/L	100

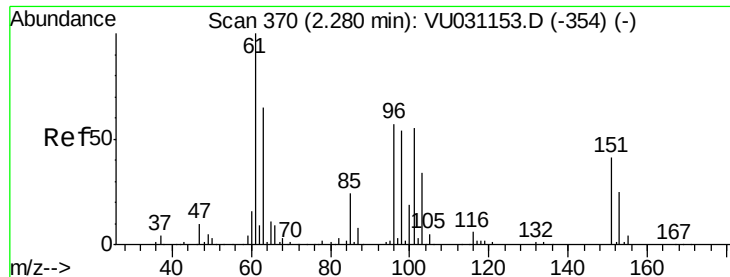
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.652 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU031161.D

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ClientSampleId :

DB734

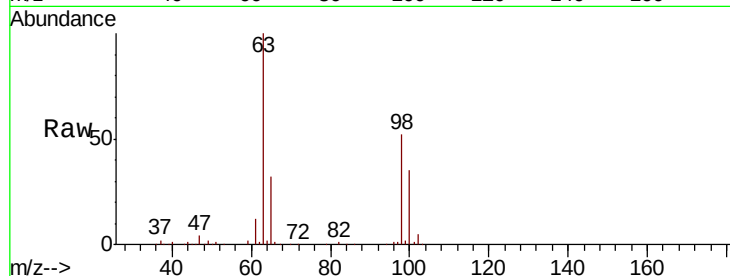
Tot Ion:101 Resp: 2169

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

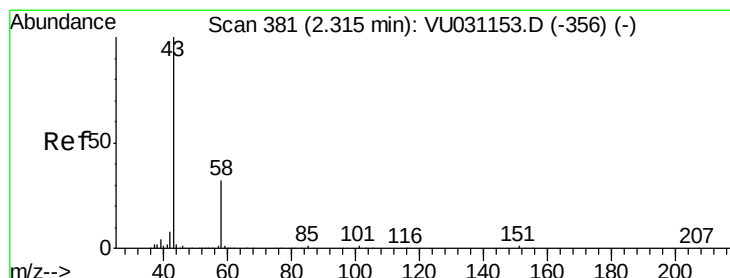
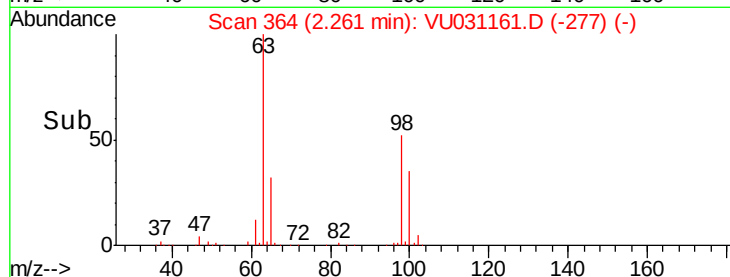
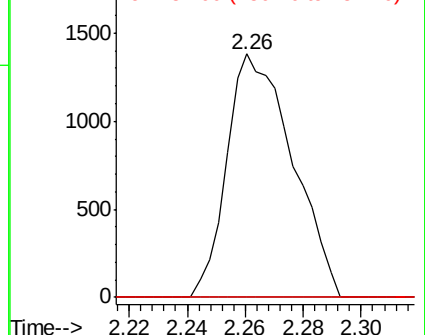
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 0.881 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031161.D

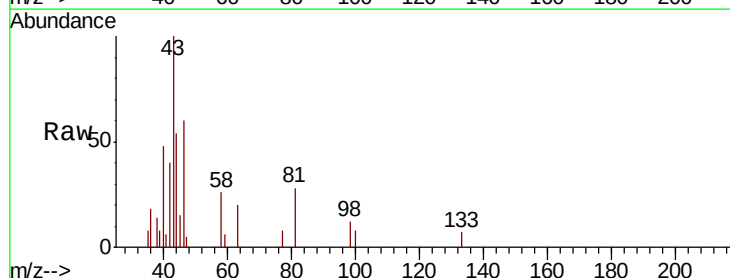
Acq: 13 Apr 2019 17:04

Tgt Ion: 43 Resp: 2960

Ion Ratio Lower Upper

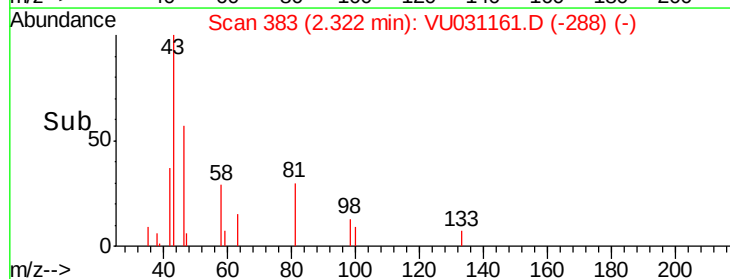
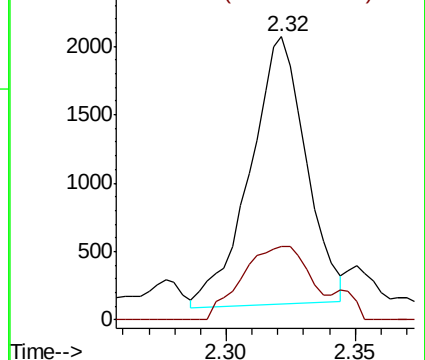
43 100

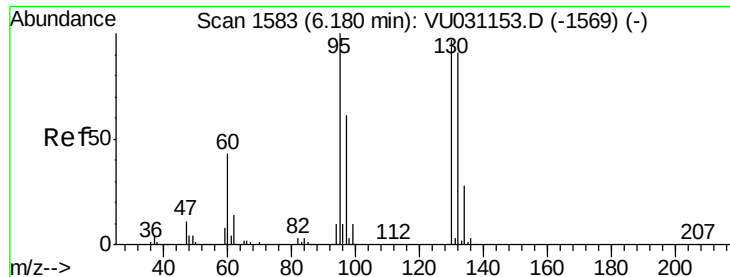
58 32.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 2.171 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031161.D

Acq: 13 Apr 2019 17:04

Instrument :

MSVOA_U

ClientSampleId :

DB734

Tot Ion: 95 Resp: 7814

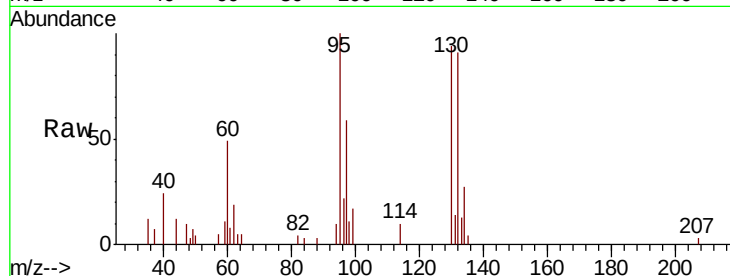
Ion Ratio Lower Upper

95 100

97 58.9 44.5 82.7

132 90.8 61.5 114.1

130 94.2 64.9 120.5

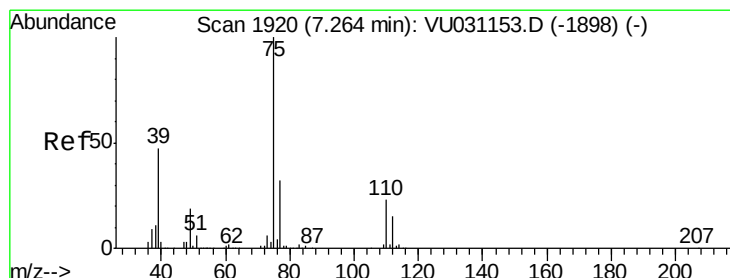
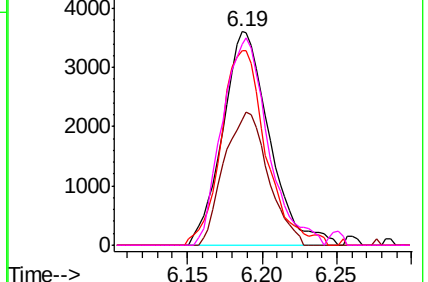
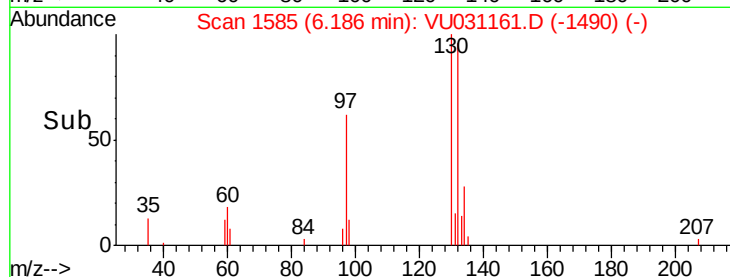


Abundance Ion 95.00 (94.70 to 95.70): VU031153.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031153.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031153.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031153.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.924 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031161.D

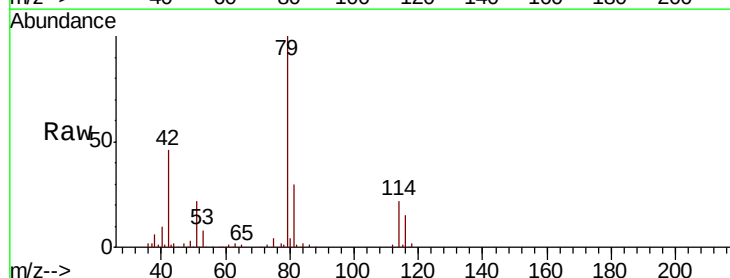
Acq: 13 Apr 2019 17:04

Tgt Ion: 75 Resp: 5465

Ion Ratio Lower Upper

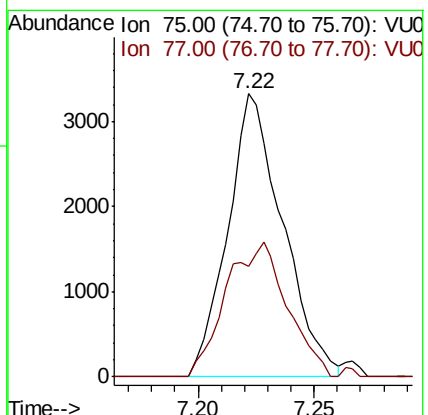
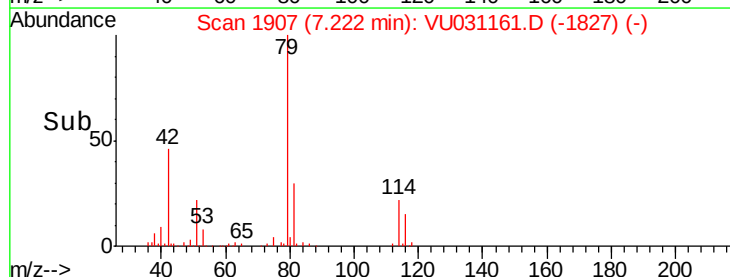
75 100

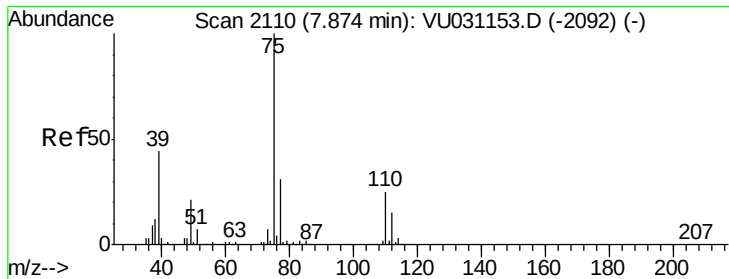
77 39.1 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031153.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031153.D (-1898) (-)

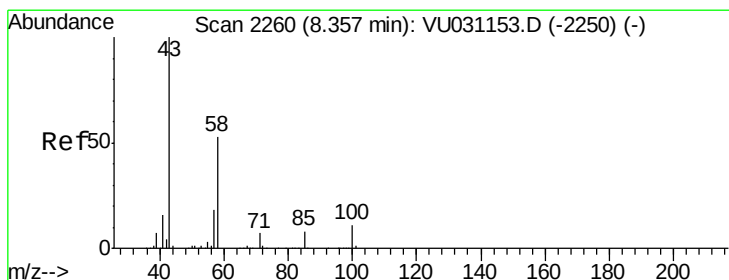
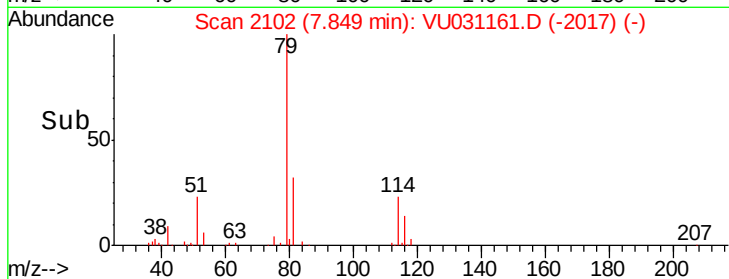
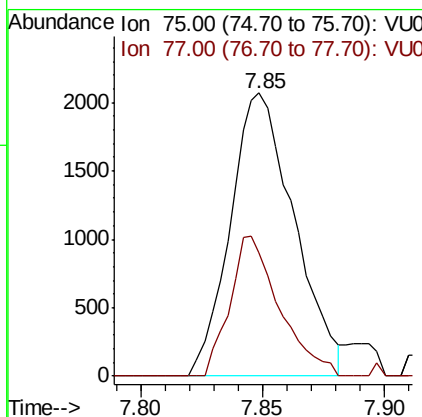
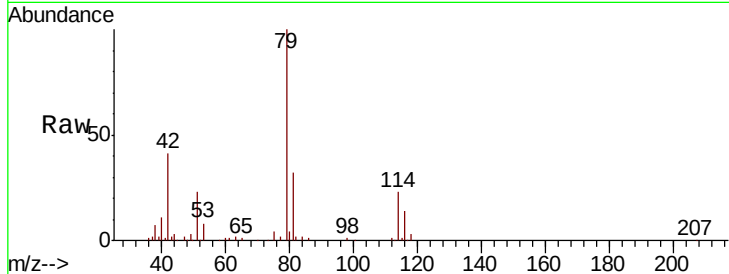




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031161.D
Acq: 13 Apr 2019 17:04

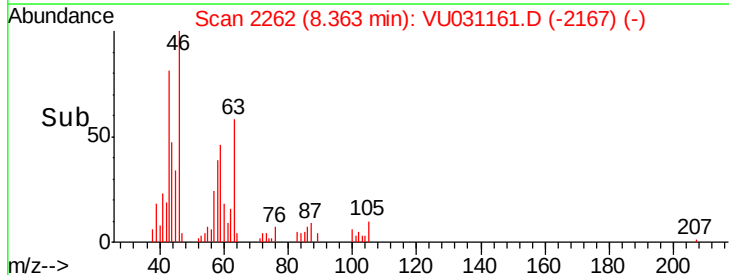
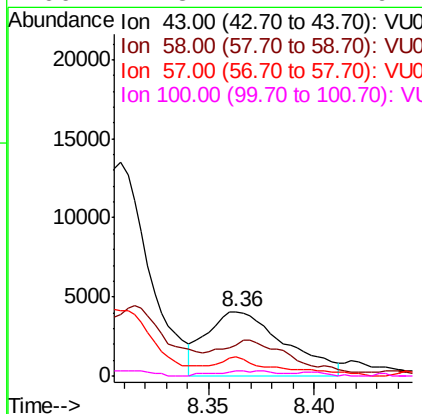
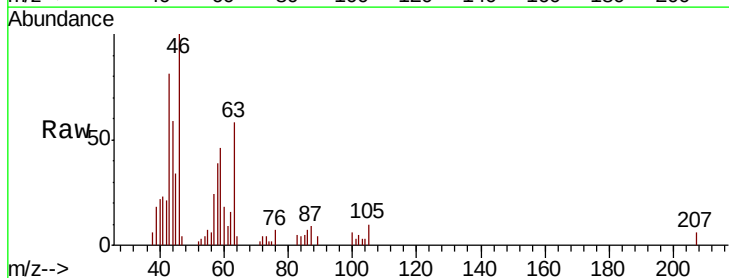
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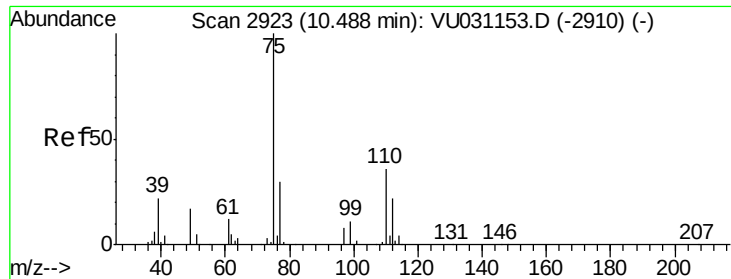
Tot Ion: 75 Resp: 3756
Ion Ratio Lower Upper
75 100
77 43.5 21.6 40.0#



#48
2-Hexanone
Concen: 2.022 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031161.D
Acq: 13 Apr 2019 17:04

Tgt Ion: 43 Resp: 10542
Ion Ratio Lower Upper
43 100
58 38.6 41.9 62.9#
57 5.6 14.3 21.5#
100 1.3 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 3.942 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031161.D

Acq: 13 Apr 2019 17:04

Instrument :

MSVOA_U

ClientSampleId :

DB734

Tot Ion: 75 Resp: 19619

Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

