

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031154.D
 Acq On : 13 Apr 2019 14:18
 Operator : JC/SP
 Sample : VU0413WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK60

Quant Time: Apr 13 22:30:27 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	414202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	385541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177543	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.67	69	141424	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.26	63	244697	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.17	46	286958	97.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.64	84	295684	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
26) 1,2-Dichloroethane-d4	5.30	65	203625	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.33	84	590187	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.32	67	204981	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.28%
41) Toluene-d8	7.56	98	457470	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%
43) trans-1,3-Dichloropropene-	7.85	79	81089	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.31	63	158940	90.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272882	52.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	161657	57.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.26%

Target Compounds

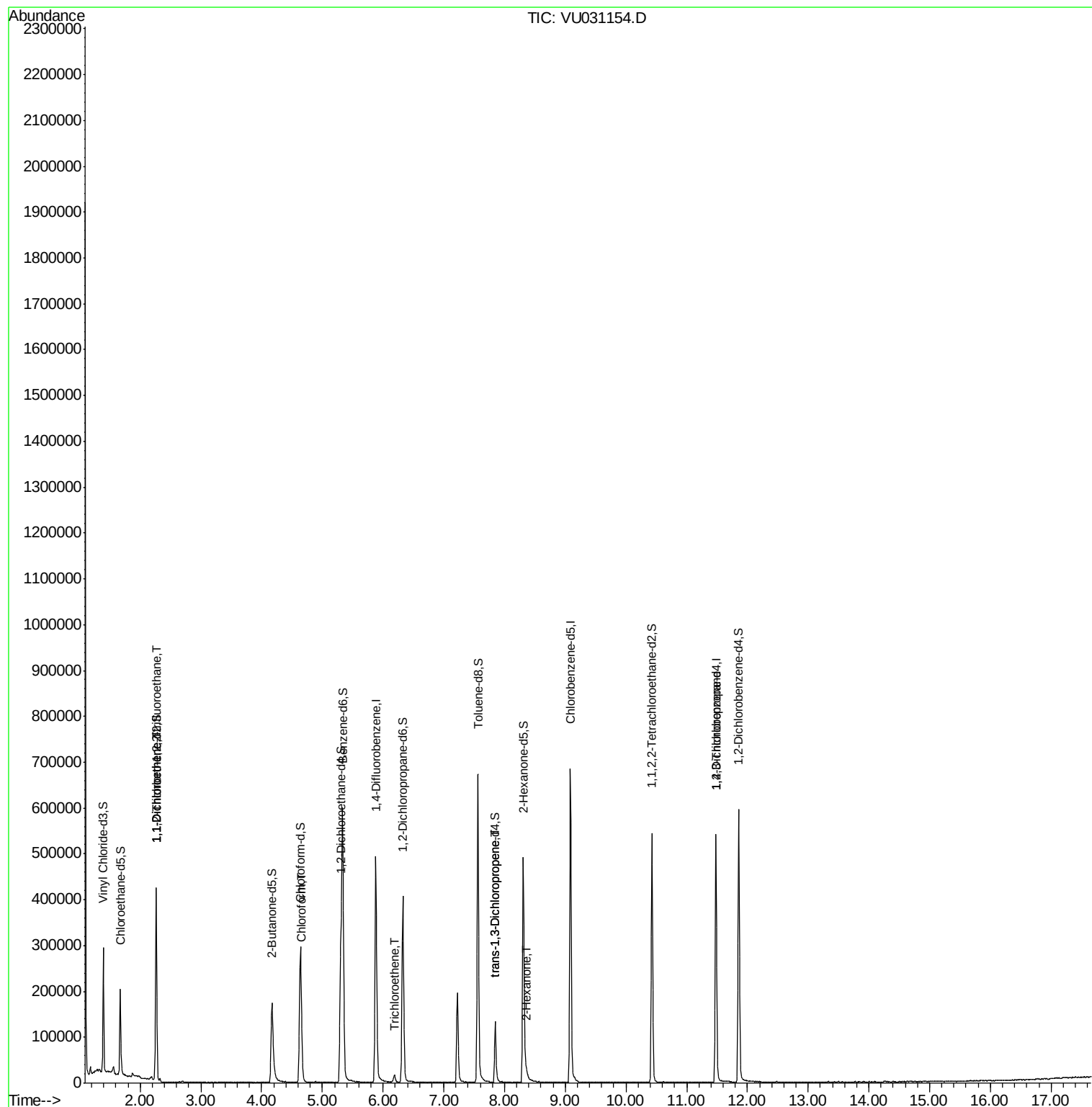
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2148	0.724	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2155	0.753	ug/L #	1
25) Chloroform	4.66	83	15607	2.475	ug/L	97
34) Trichloroethene	6.19	95	5957	1.925	ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	3039	0.678	ug/L	92
48) 2-Hexanone	8.36	43	5951	1.328	ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	17239	4.029	ug/L	97

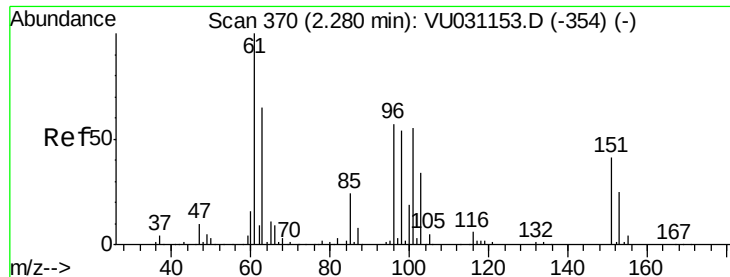
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.724 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU031154.D

Acq: 13 Apr 2019 14:18

Instrument :

MSVOA_U

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VBLK60

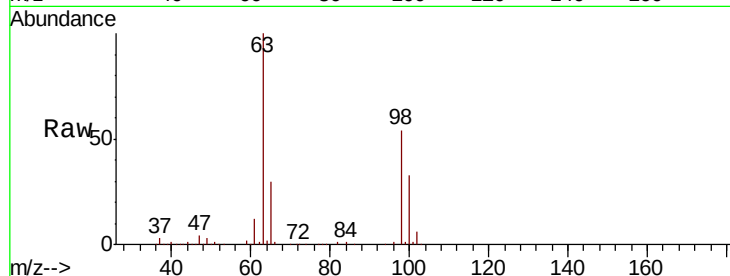
Tot Ion:101 Resp: 2148

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

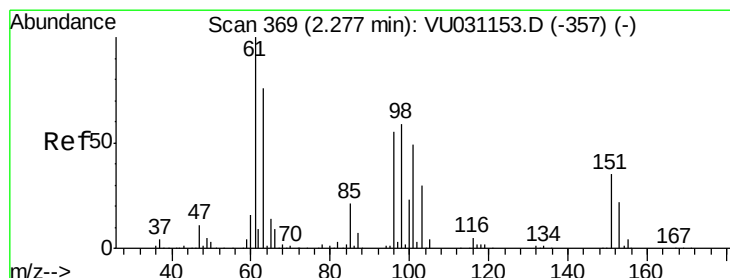
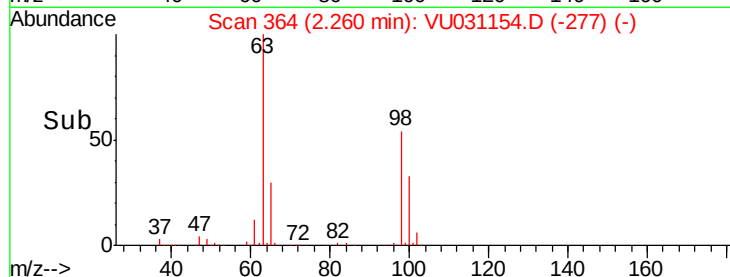
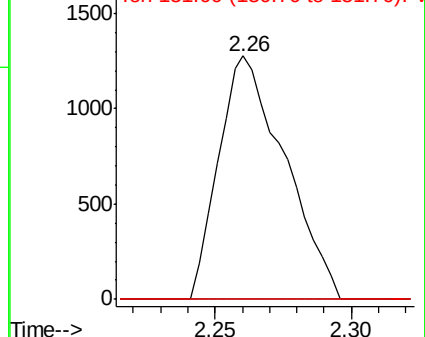
151 2.2 57.4 86.0#



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: 0.753 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU031154.D

Acq: 13 Apr 2019 14:18

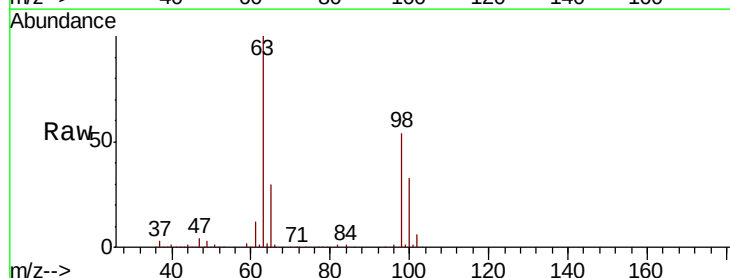
Tgt Ion: 96 Resp: 2155

Ion Ratio Lower Upper

96 100

61 1513.8 132.0 245.2#

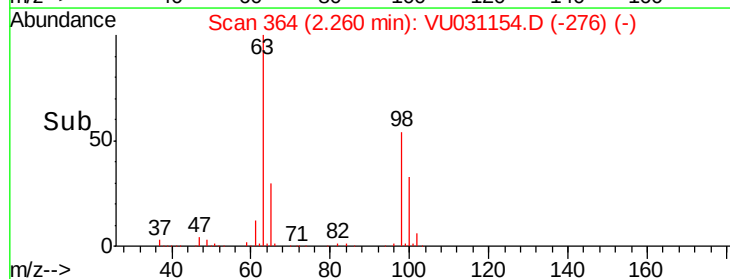
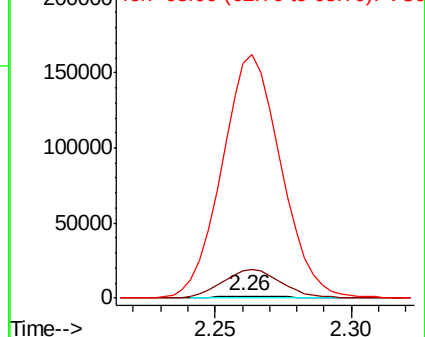
63 12878.9 90.9 168.9#

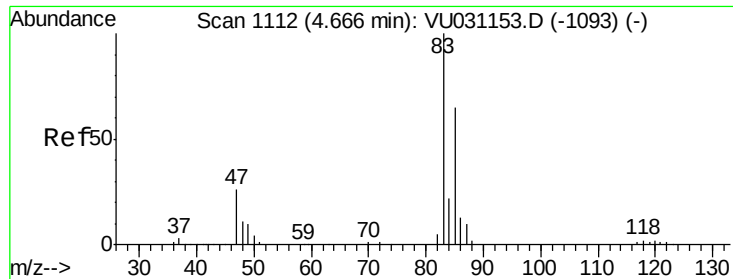


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

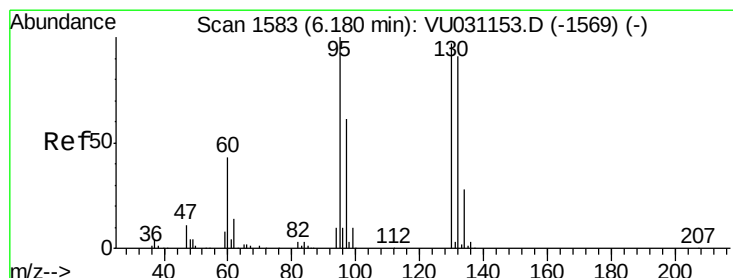
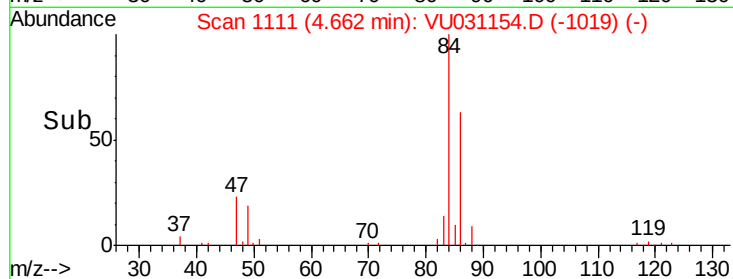
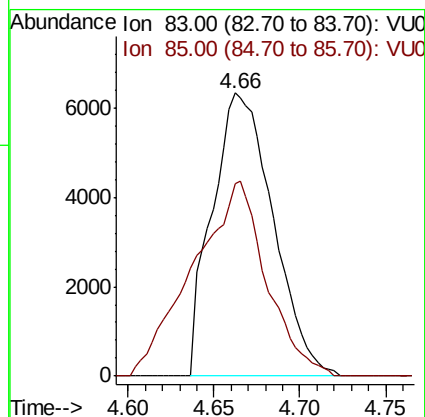
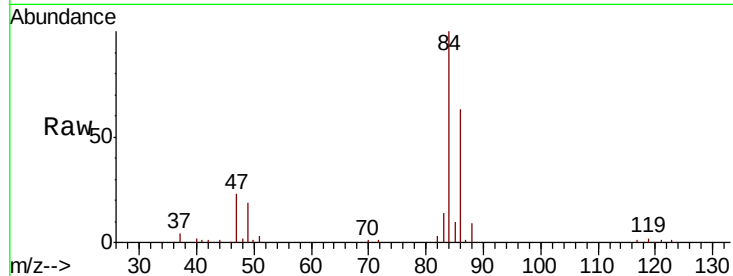




#25
Chloroform
Concen: 2.475 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031154.D
Acq: 13 Apr 2019 14:18

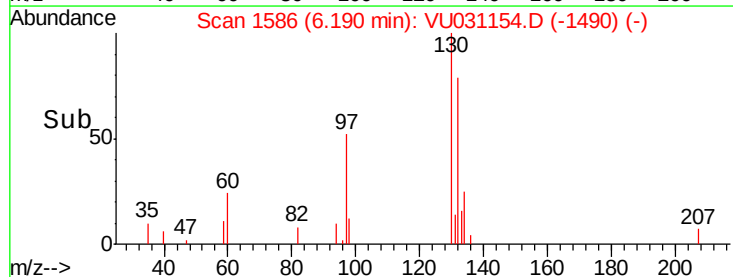
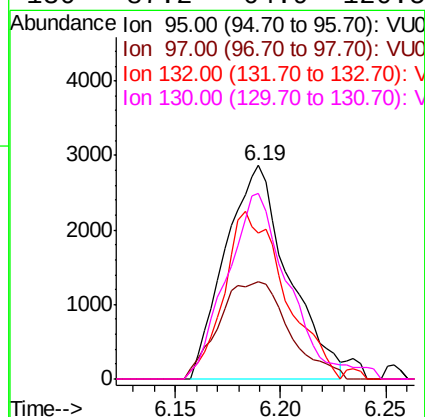
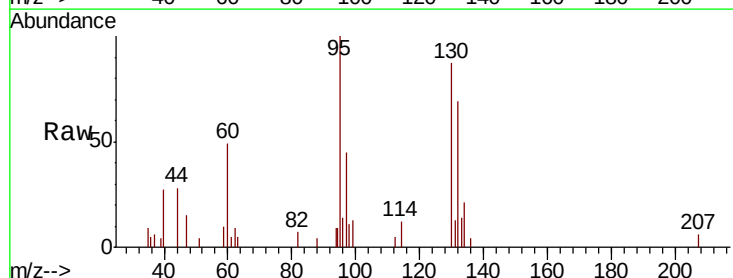
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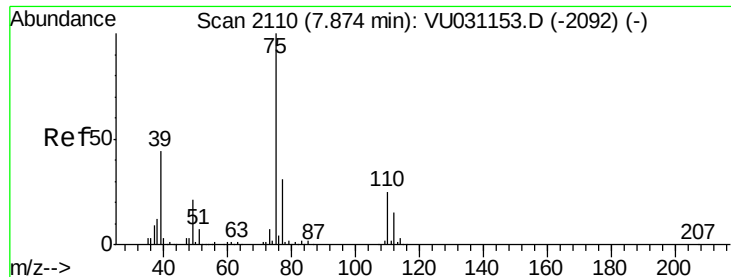
Tot Ion: 83 Resp: 15607
Ion Ratio Lower Upper
83 100
85 67.9 45.8 85.0



#34
Trichloroethene
Concen: 1.925 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU031154.D
Acq: 13 Apr 2019 14:18

Tgt Ion: 95 Resp: 5957
Ion Ratio Lower Upper
95 100
97 45.4 44.5 82.7
132 68.5 61.5 114.1
130 87.2 64.9 120.5

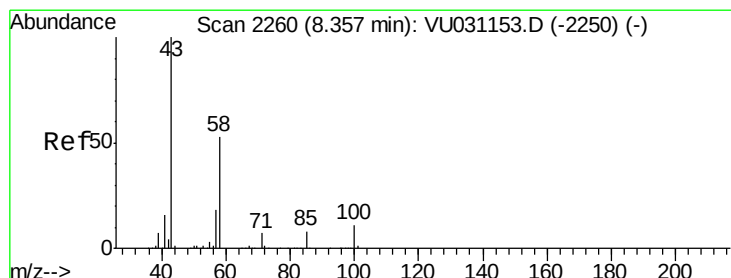
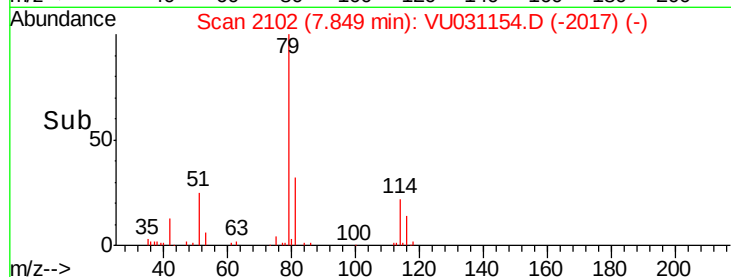
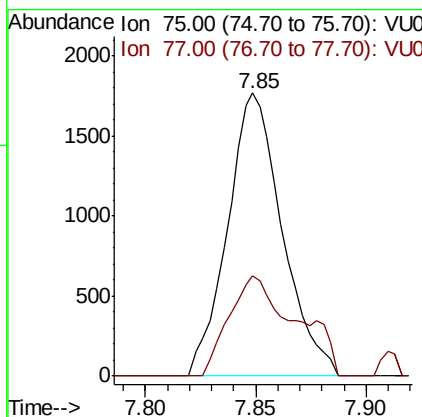
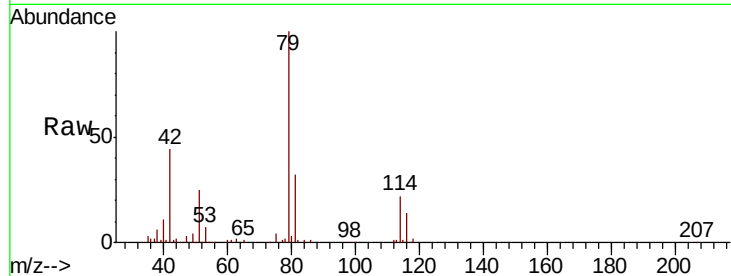




#44
 trans-1,3-Dichloropropene
 Concen: 0.678 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031154.D
 Acq: 13 Apr 2019 14:18

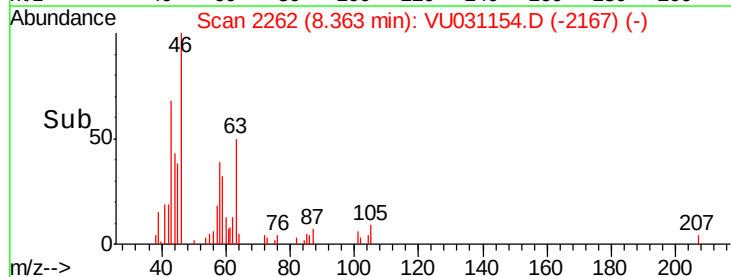
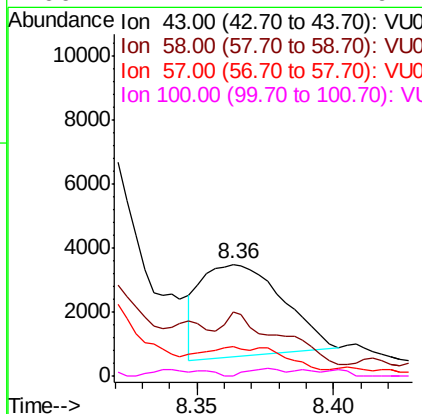
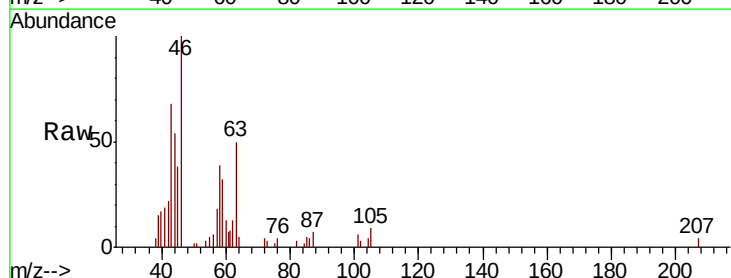
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 ClientSampleId :
 VBLK60

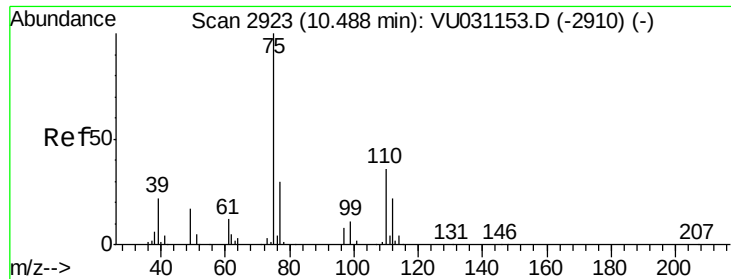
Tot Ion: 75 Resp: 3039
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.6 40.0



#48
 2-Hexanone
 Concen: 1.328 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031154.D
 Acq: 13 Apr 2019 14:18

Tgt Ion: 43 Resp: 5951
 Ion Ratio Lower Upper
 43 100
 58 6.3 41.9 62.9#
 57 0.0 14.3 21.5#
 100 1.4 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.029 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031154.D

Acq: 13 Apr 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK60

Tot Ion: 75 Resp: 17239

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1

