

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031107.D
 Acq On : 12 Apr 2019 06:20
 Operator : JC/SP
 Sample : K2353-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ62

Quant Time: Apr 12 07:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	537920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	160767	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.96%
7) Chloroethane-d5	1.68	69	138287	37.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.88%
11) 1,1-Dichloroethene-d2	2.27	63	227064	26.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.28%#
21) 2-Butanone-d5	4.17	46	397328	104.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.40%
24) Chloroform-d	4.64	84	312385	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
26) 1,2-Dichloroethane-d4	5.30	65	222921	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
32) Benzene-d6	5.33	84	628774	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
36) 1,2-Dichloropropane-d6	6.32	67	220204	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.70%
41) Toluene-d8	7.56	98	524779	39.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.04%#
43) trans-1,3-Dichloropropene-	7.85	79	92334	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.88%
47) 2-Hexanone-d5	8.31	63	232443	97.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325633	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	223026	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

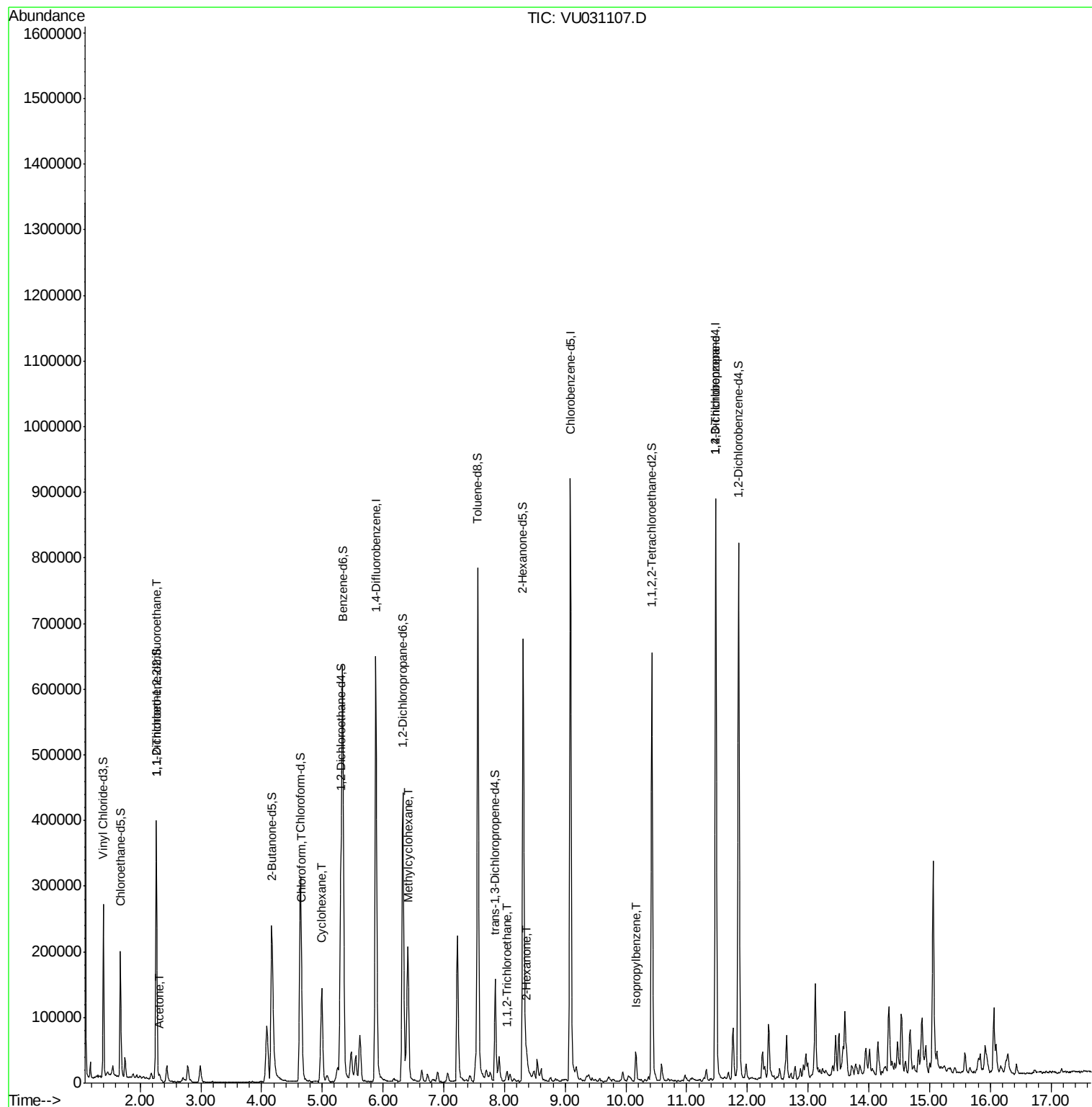
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2219	0.576 ug/L #	21
13) Acetone	2.32	43	8554	2.197 ug/L	90
25) Chloroform	4.67	83	15501	1.893 ug/L	89
29) Cyclohexane	4.99	56	72477	9.784 ug/L	96
35) Methylcyclohexane	6.41	83	78784	12.238 ug/L	94
45) 1,1,2-Trichloroethane	8.04	97	5116	1.253 ug/L #	17
48) 2-Hexanone	8.36	43	16876	2.793 ug/L #	87
56) Isopropylbenzene	10.16	105	27675	1.601 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	29398	5.097 ug/L	95

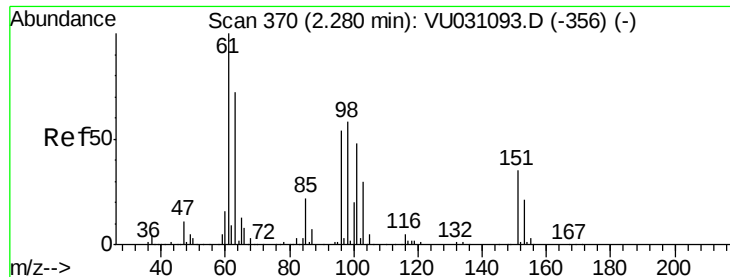
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#10

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

Concen: 0.576 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031107.D

Acq: 12 Apr 2019 06:20

Instrument :

MSVOA_U

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ETJ62

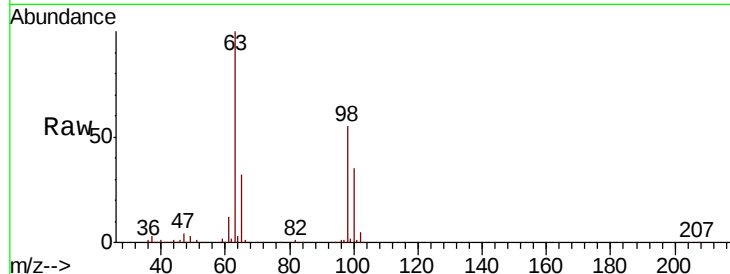
Tot Ion:101 Resp: 2219

Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

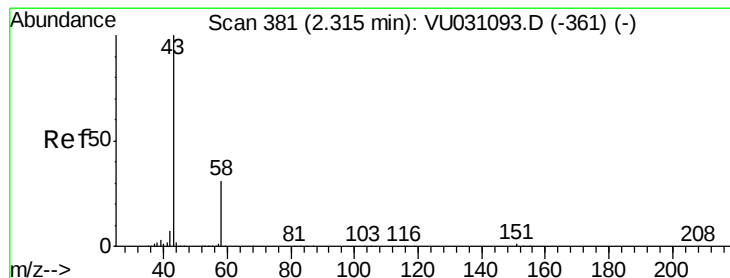
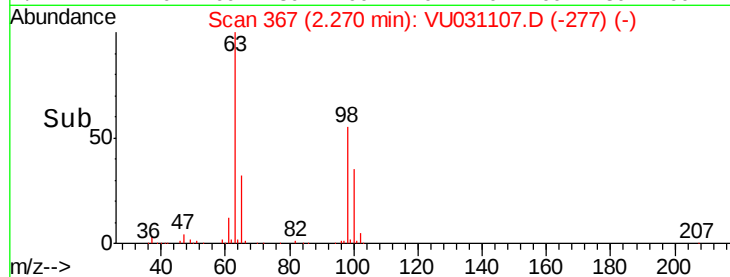
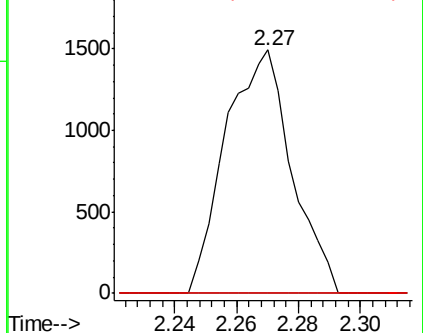
151 0.0 57.4 86.0#



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: 2.197 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031107.D

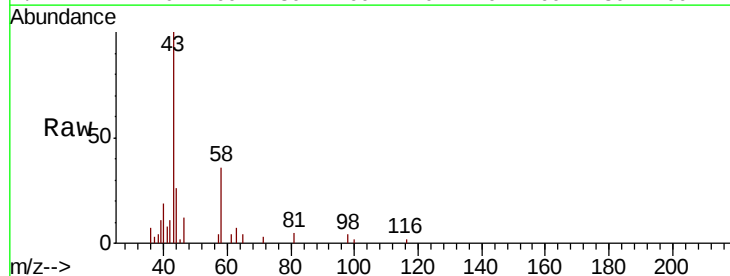
Acq: 12 Apr 2019 06:20

Tgt Ion: 43 Resp: 8554

Ion Ratio Lower Upper

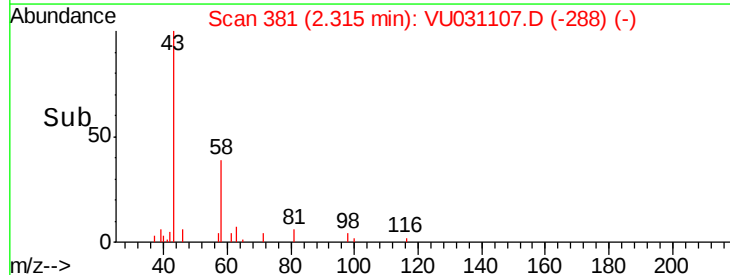
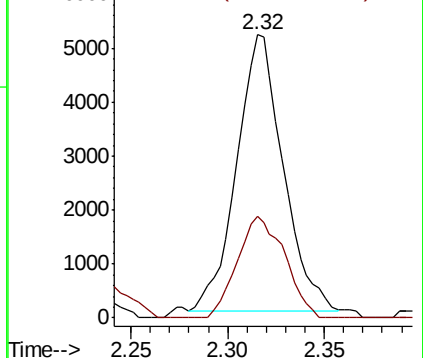
43 100

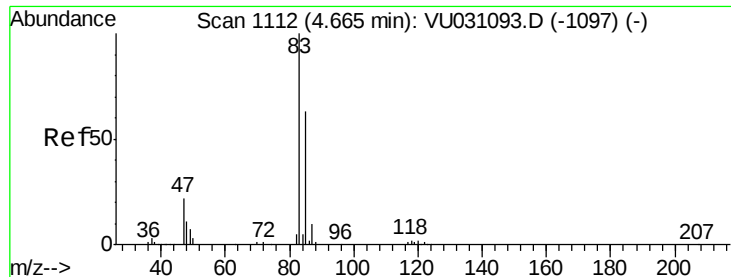
58 37.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 1.893 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031107.D

Acq: 12 Apr 2019 06:20

Instrument :

MSVOA_U

ClientSampleId :

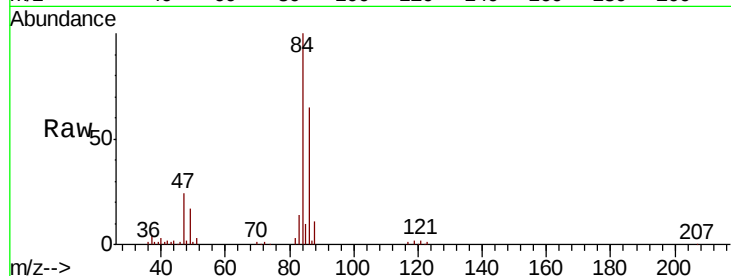
ETJ62

Tot Ion: 83 Resp: 15501

Ion Ratio Lower Upper

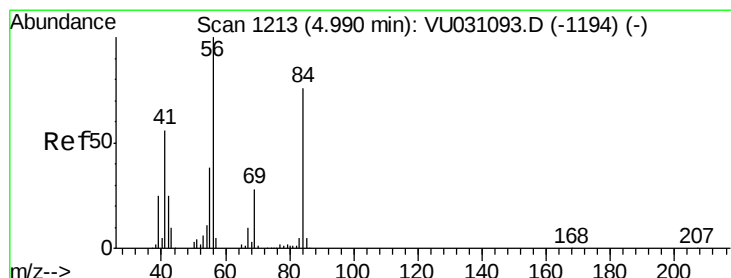
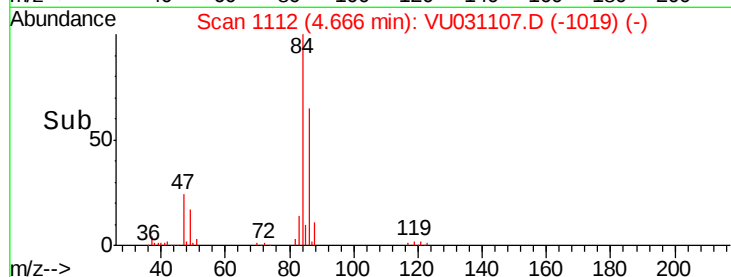
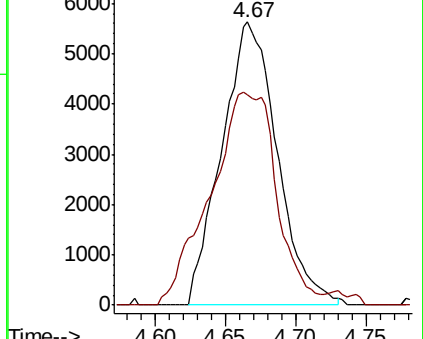
83 100

85 74.3 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031107.D (-1109) (-)

Ion 85.00 (84.70 to 85.70): VU031107.D (-1109) (-)



#29

Cyclohexane

Concen: 9.784 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VU031107.D

Acq: 12 Apr 2019 06:20

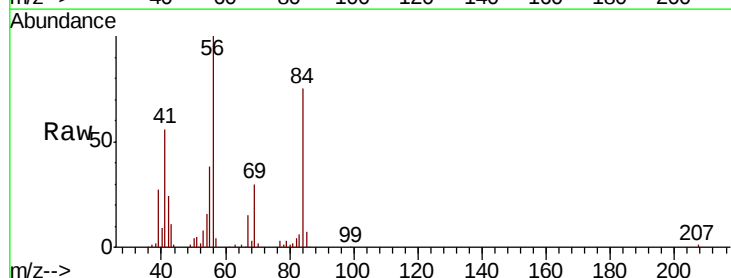
Tgt Ion: 56 Resp: 72477

Ion Ratio Lower Upper

56 100

69 27.8 22.0 33.0

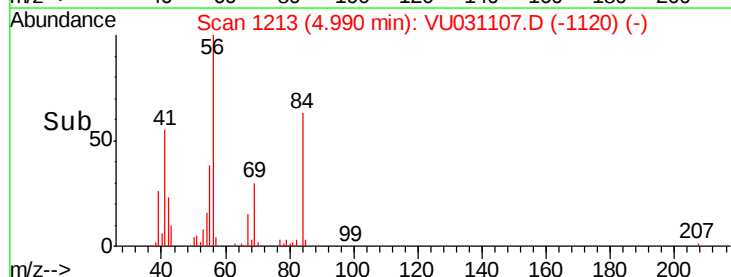
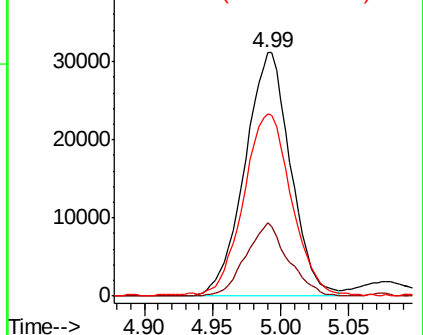
84 77.6 58.2 87.2

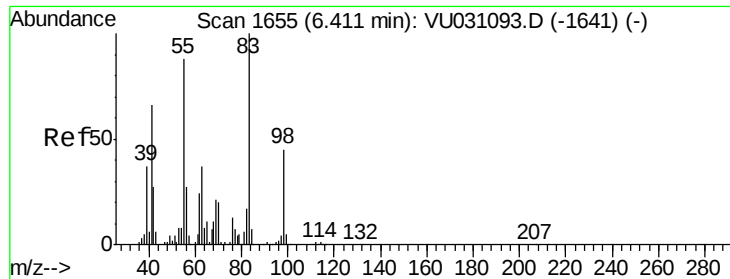


Abundance Ion 56.00 (55.70 to 56.70): VU031107.D (-1120) (-)

Ion 69.00 (68.70 to 69.70): VU031107.D (-1120) (-)

Ion 84.00 (83.70 to 84.70): VU031107.D (-1120) (-)

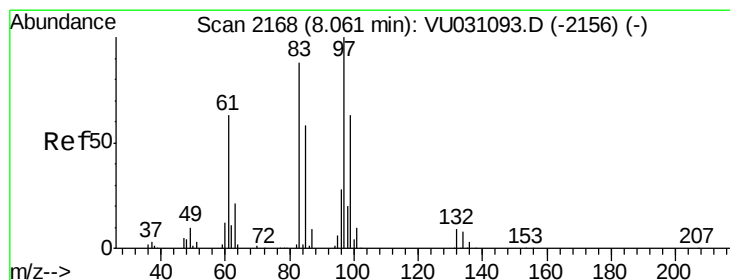
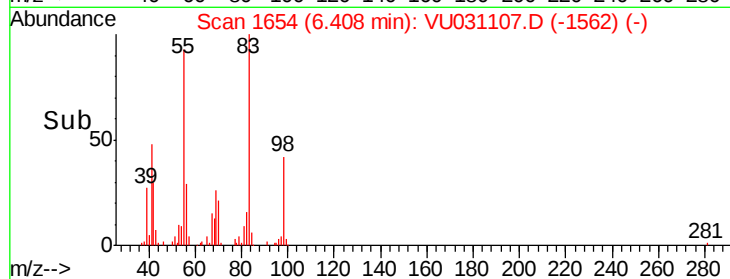
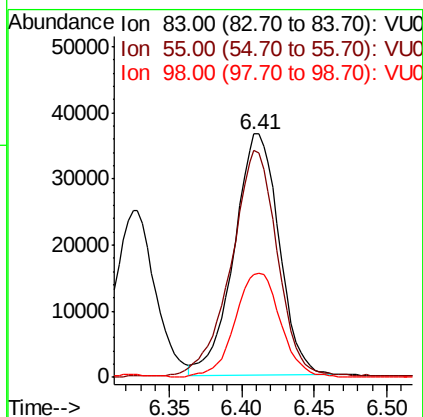
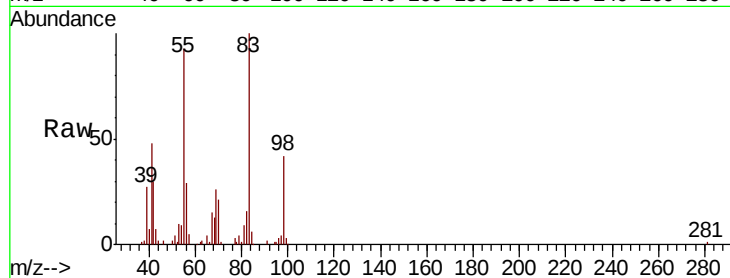




#35
Methylcyclohexane
Concen: 12.238 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031107.D
Acq: 12 Apr 2019 06:20

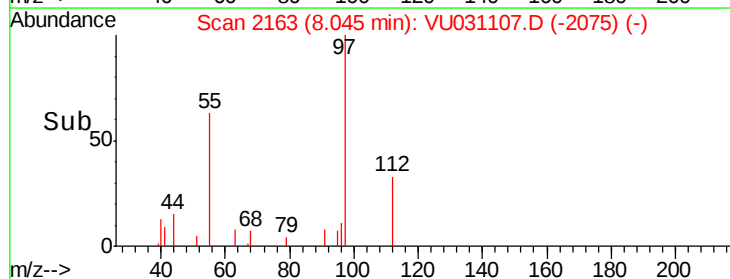
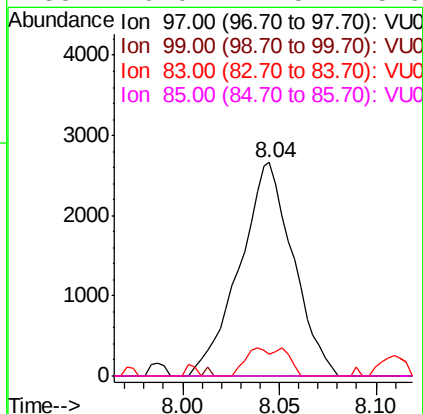
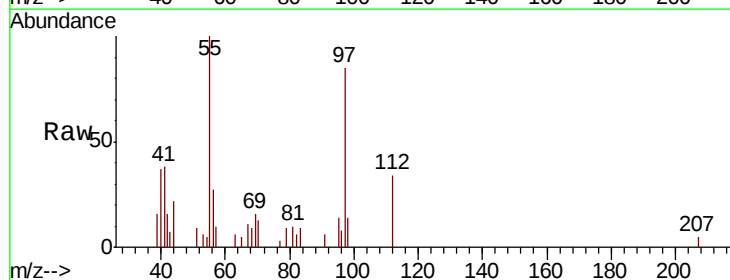
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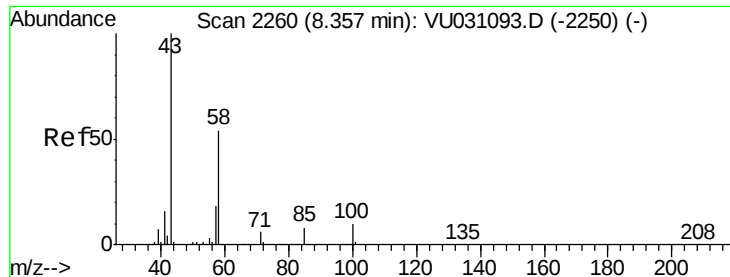
Tot Ion: 83 Resp: 78784
Ion Ratio Lower Upper
83 100
55 97.6 71.6 107.4
98 43.8 35.4 53.0



#45
1,1,2-Trichloroethane
Concen: 1.253 ug/L
RT: 8.04 min Scan# 2163
Delta R.T. -0.02 min
Lab File: VU031107.D
Acq: 12 Apr 2019 06:20

Tgt Ion: 97 Resp: 5116
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 10.1 65.3 121.3#
85 0.0 42.5 78.9#

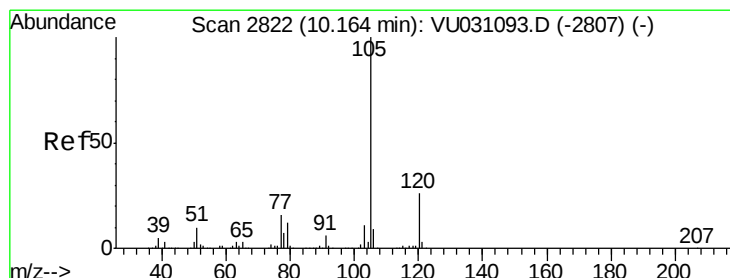
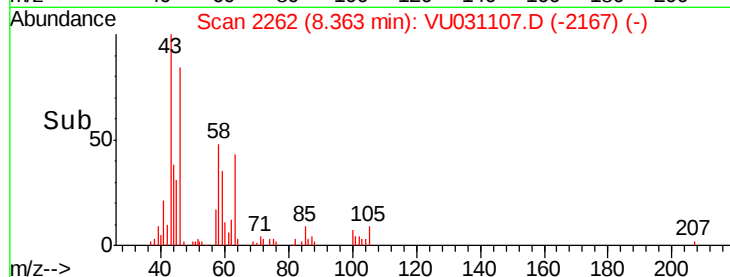
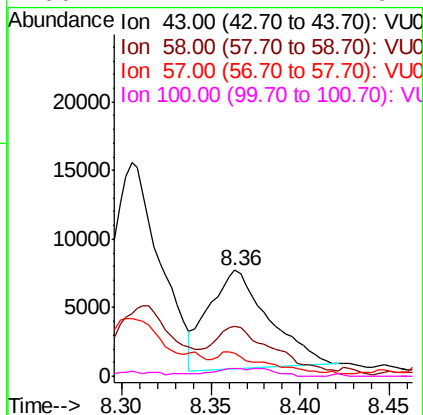
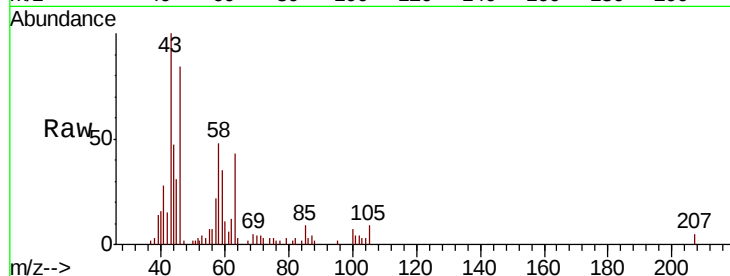




#48
2-Hexanone
Concen: 2.793 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031107.D
Acq: 12 Apr 2019 06:20

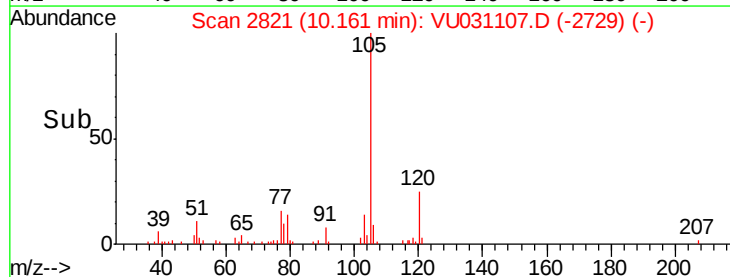
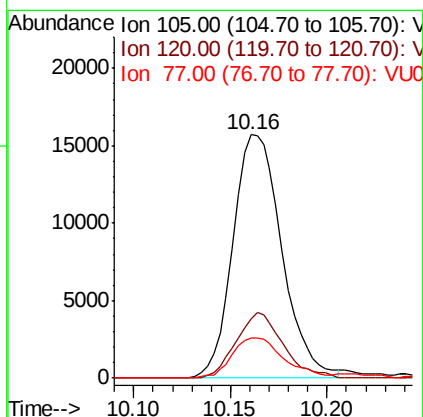
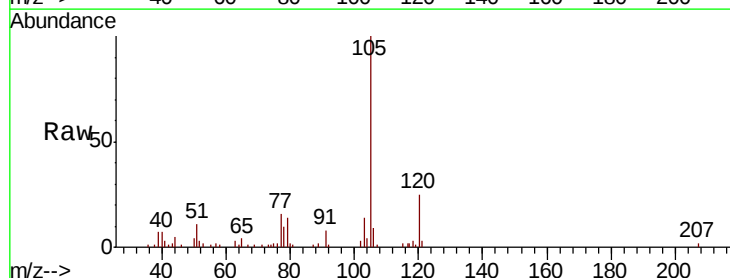
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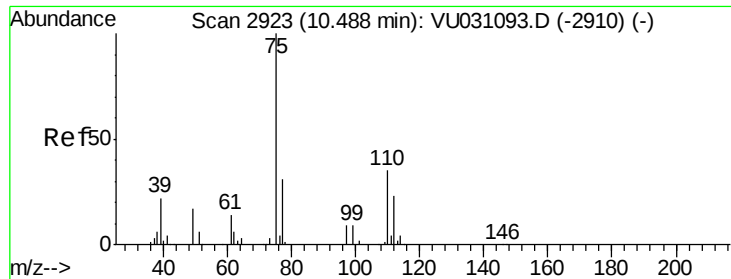
Tot Ion: 43 Resp: 16876
Ion Ratio Lower Upper
43 100
58 48.4 41.9 62.9
57 4.3 14.3 21.5#
100 2.4 7.1 10.7#



#56
Isopropylbenzene
Concen: 1.601 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031107.D
Acq: 12 Apr 2019 06:20

Tgt Ion: 105 Resp: 27675
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 17.5 13.4 20.2





#59

1,2,3-Trichloropropane

Concen: 5.097 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031107.D

Acq: 12 Apr 2019 06:20

Instrument :

MSVOA_U

ClientSampleId :

ETJ62

Tot Ion: 75 Resp: 29398

Ion Ratio Lower Upper

75 100

77 35.7 26.1 39.1

