

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031105.D
 Acq On : 12 Apr 2019 05:35
 Operator : JC/SP
 Sample : K2353-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60MSD

Quant Time: Apr 12 07:31:13 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	538373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	532779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163517	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.04%
7) Chloroethane-d5	1.67	69	146923	40.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.56%
11) 1,1-Dichloroethene-d2	2.27	63	327478	37.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.34%
21) 2-Butanone-d5	4.17	46	359117	94.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.64	84	327836	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.30	65	224075	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
32) Benzene-d6	5.33	84	633636	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.48%
36) 1,2-Dichloropropane-d6	6.32	67	230375	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.44%
41) Toluene-d8	7.56	98	539963	39.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.34%#
43) trans-1,3-Dichloropropene-	7.85	79	95543	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.62%
47) 2-Hexanone-d5	8.31	63	208188	85.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324629	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	208843	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

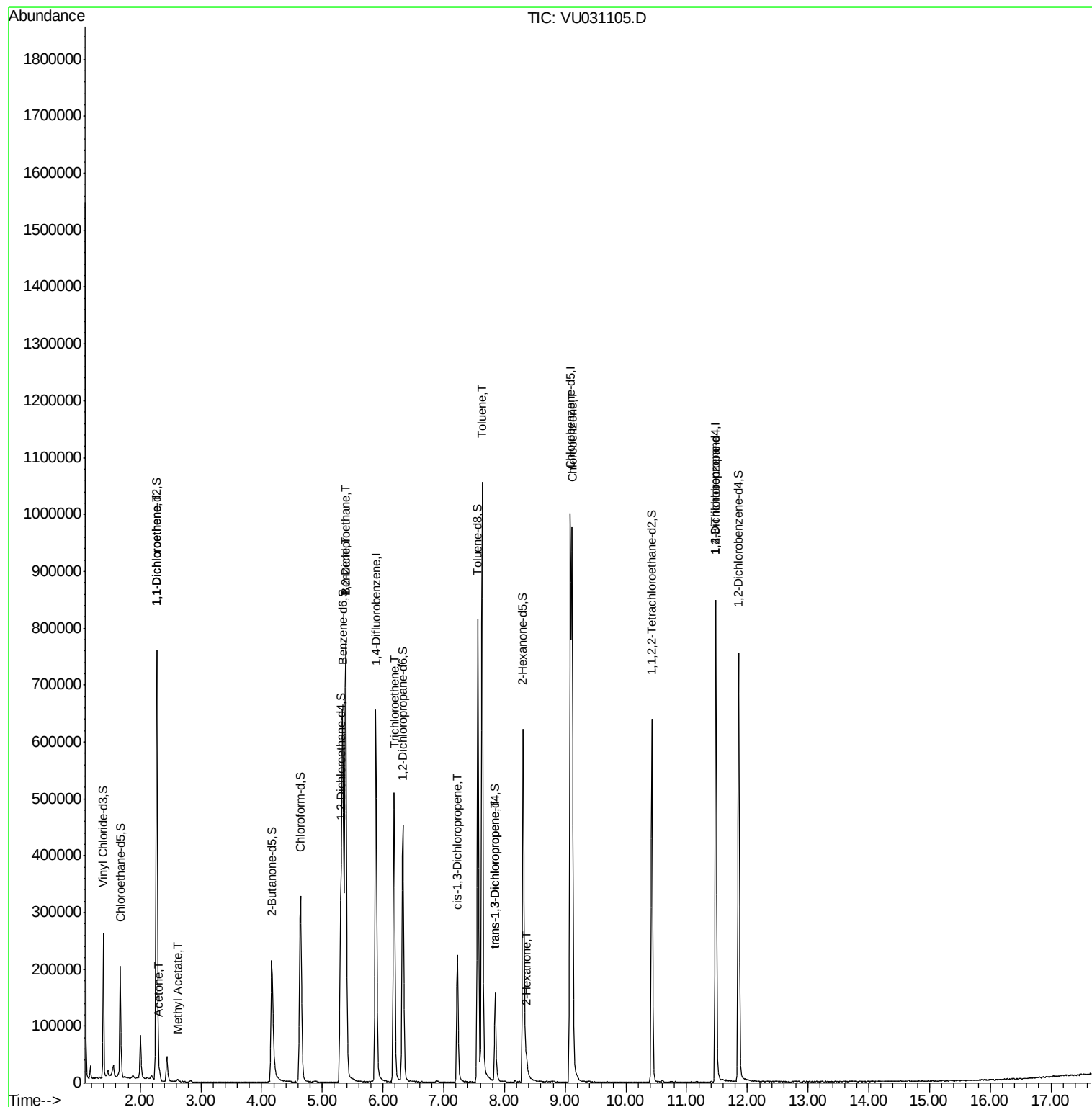
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	156349	42.012	ug/L	94
13) Acetone	2.32	43	13758	3.530	ug/L	97
15) Methyl Acetate	2.62	43	5548	0.918	ug/L	98
27) 1,2-Dichloroethane	5.38	62	6733	1.076	ug/L #	75
33) Benzene	5.38	78	764251	43.835	ug/L	100
34) Trichloroethene	6.18	95	186664	43.652	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	5877	0.836	ug/L #	77
42) Toluene	7.63	91	781353	43.904	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3734	0.603	ug/L #	73
48) 2-Hexanone	8.36	43	13414	2.166	ug/L #	80
51) Chlorobenzene	9.12	112	499785	45.788	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	25890	4.379	ug/L #	86

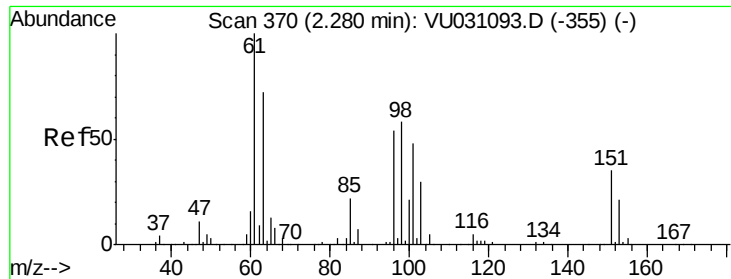
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 42.012 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

Instrument :

MSVOA_U

ClientSampleId :

ETJ60MSD

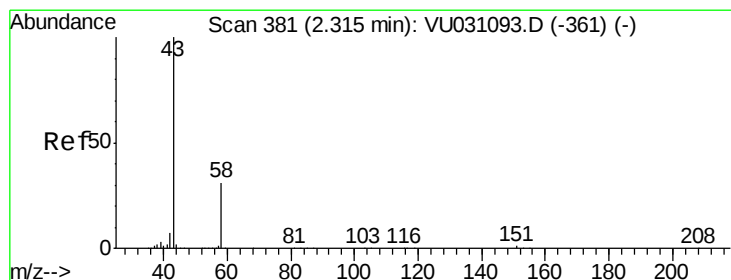
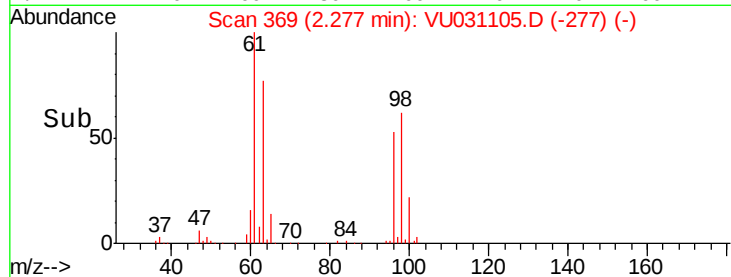
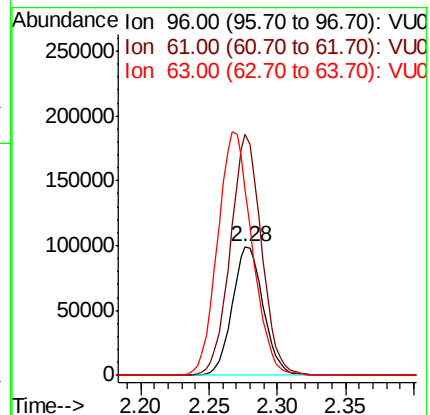
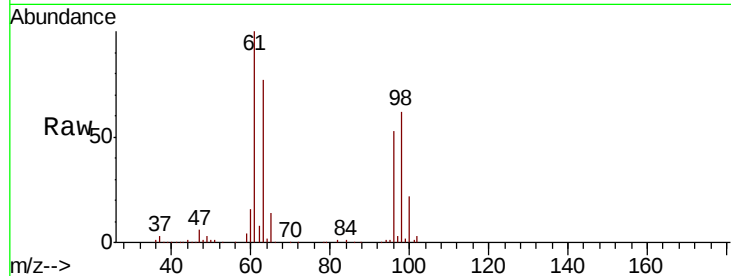
Tot Ion: 96 Resp: 156349

Ion Ratio Lower Upper

96 100

61 187.1 132.0 245.2

63 144.6 90.9 168.9



#13

Acetone

Concen: 3.530 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031105.D

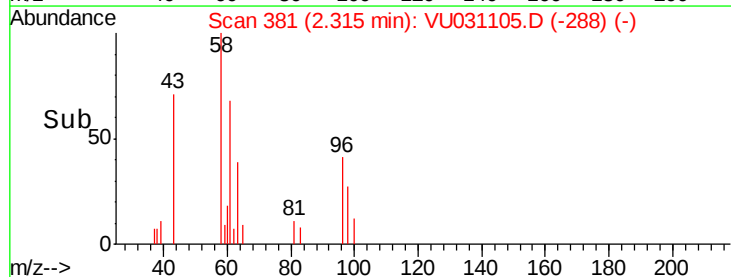
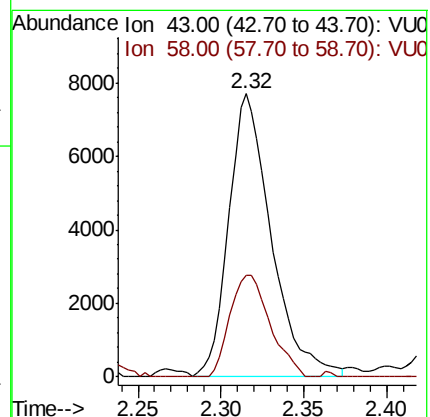
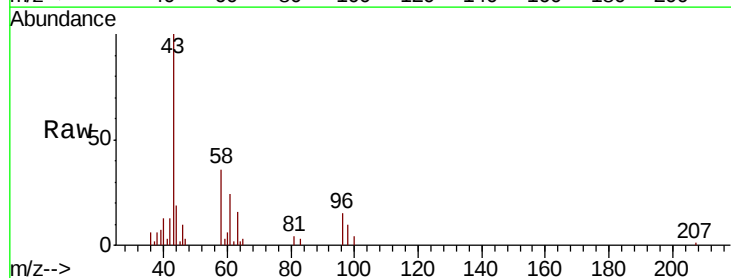
Acq: 12 Apr 2019 05:35

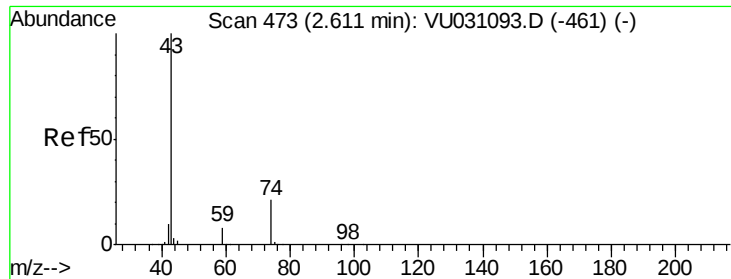
Tgt Ion: 43 Resp: 13758

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.0

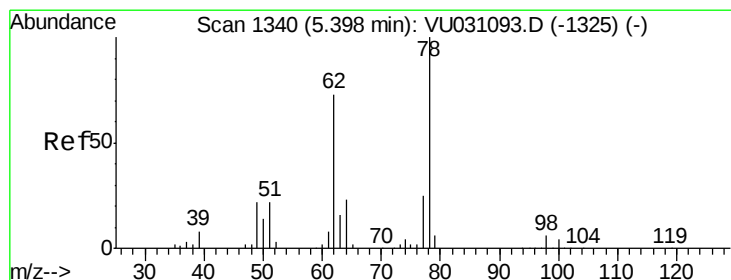
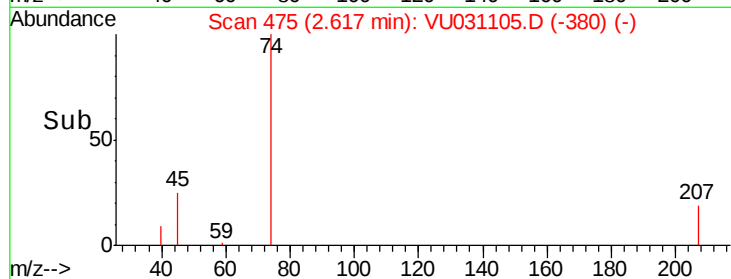
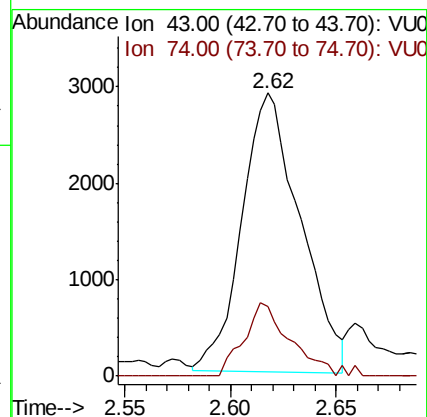
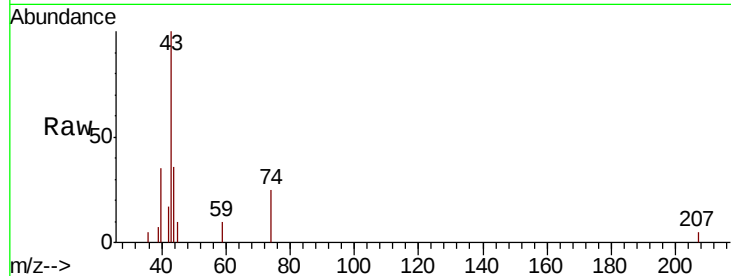




#15
Methyl Acetate
Concen: 0.918 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU031105.D
Acq: 12 Apr 2019 05:35

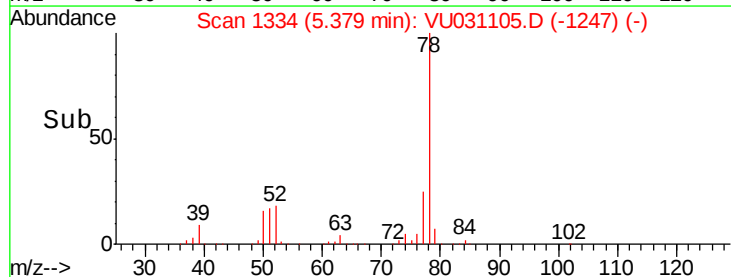
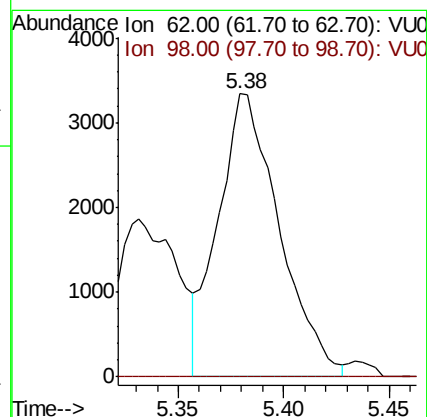
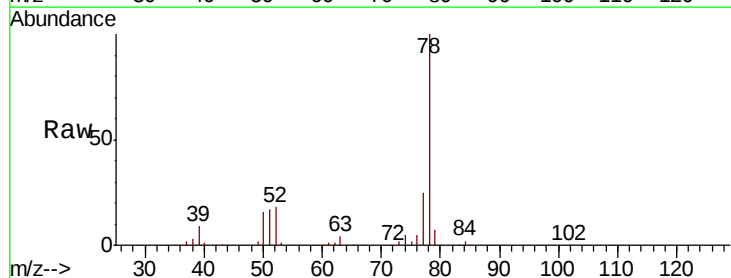
Instrument :
MSVOA_U
ClientSampleId :
ETJ60MSD

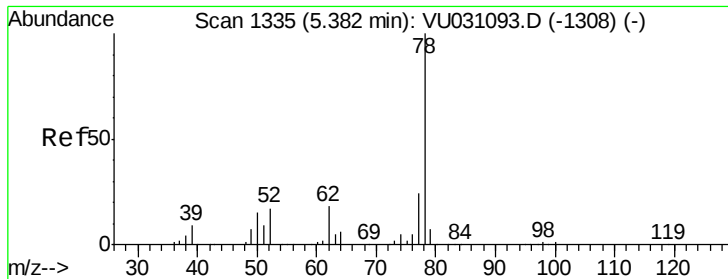
Tot Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
74 20.6 17.1 25.7



#27
1,2-Dichloroethane
Concen: 1.076 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.02 min
Lab File: VU031105.D
Acq: 12 Apr 2019 05:35

Tgt Ion: 62 Resp: 6733
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#33

Benzene

Concen: 43.835 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

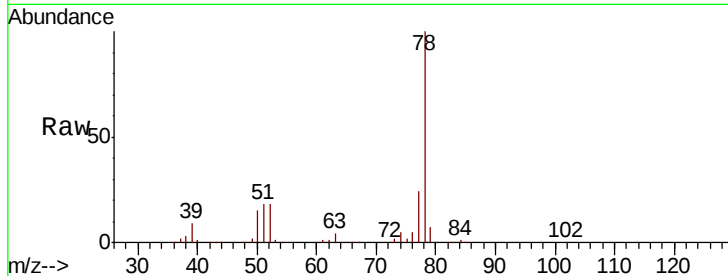
Instrument :

MSVOA_U

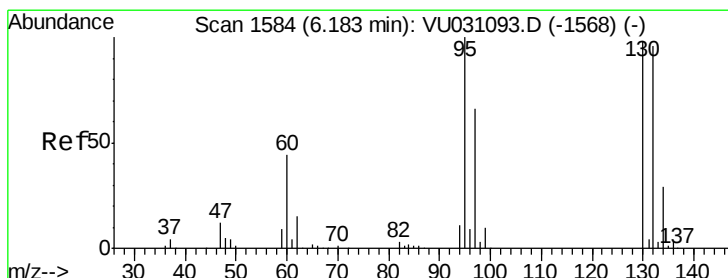
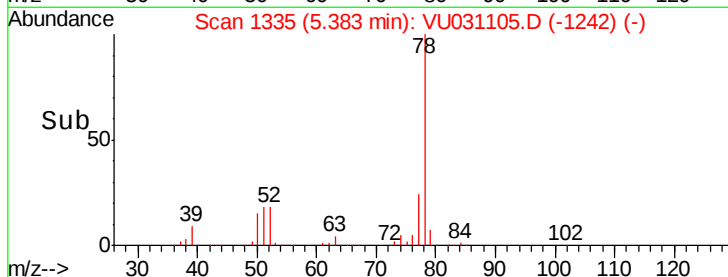
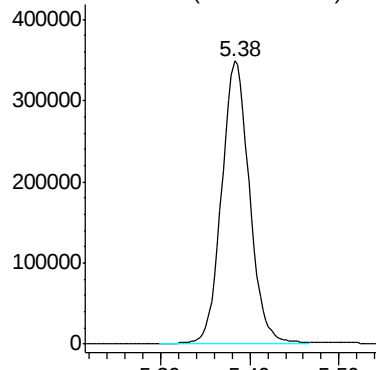
ClientSampleId :

ETJ60MSD

Tgt Ion: 78 Resp: 764251



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 43.652 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

Tgt Ion: 95 Resp: 186664

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.5	82.7
132	95.4	61.5	114.1
130	97.7	64.9	120.5

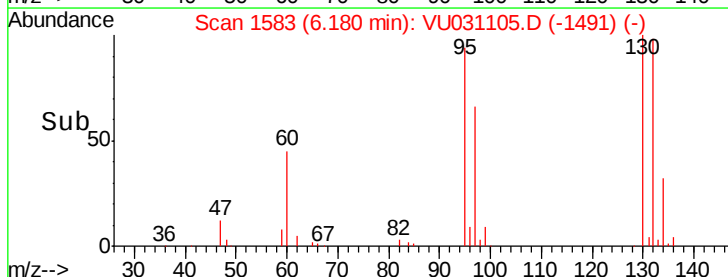
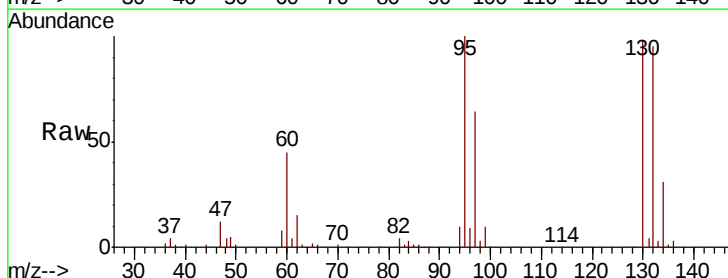
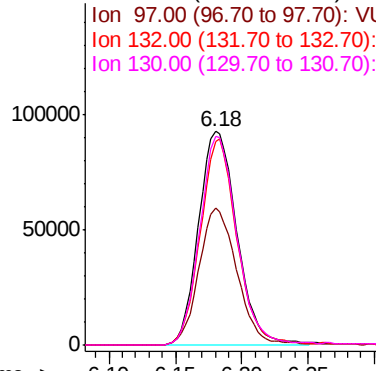
Ion 95.00 (94.70 to 95.70): VU0

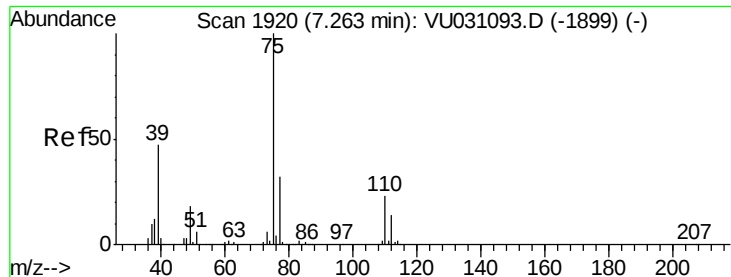
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VU0



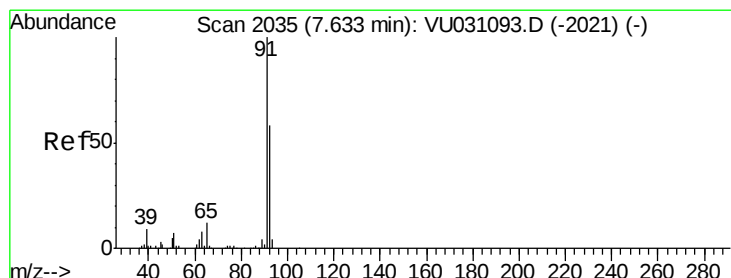
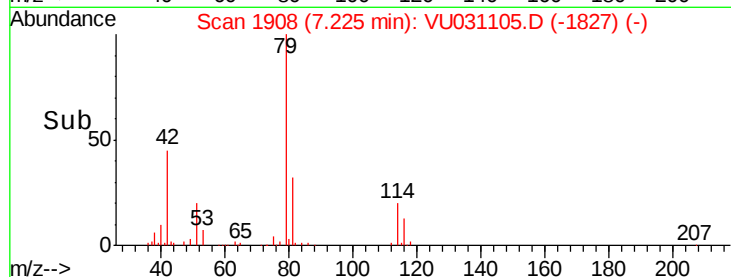
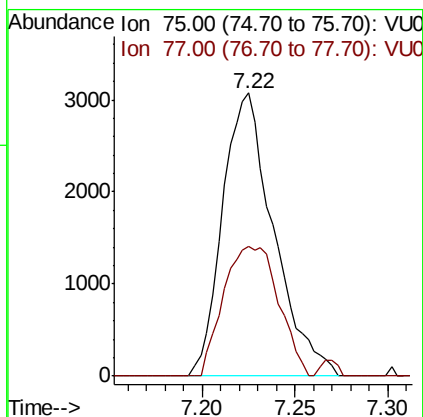
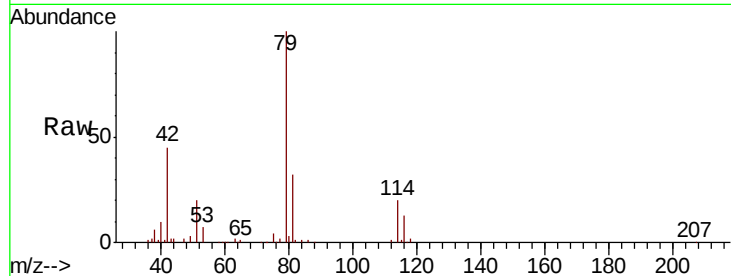


#39

cis-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031105.D
Acq: 12 Apr 2019 05:35

Instrument :
MSVOA_U
ClientSampleId :
ETJ60MSD

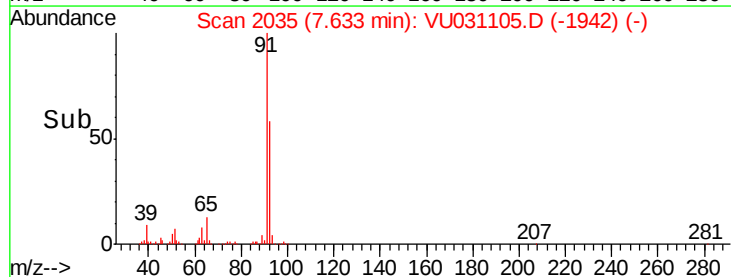
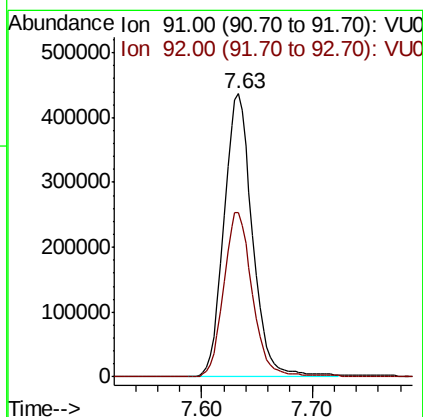
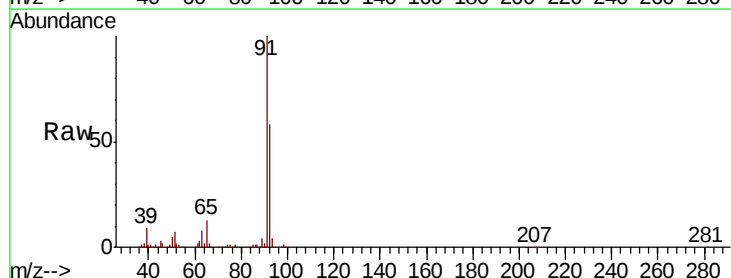
Tot Ion: 75 Resp: 5877
Ion Ratio Lower Upper
75 100
77 46.0 23.1 42.9#

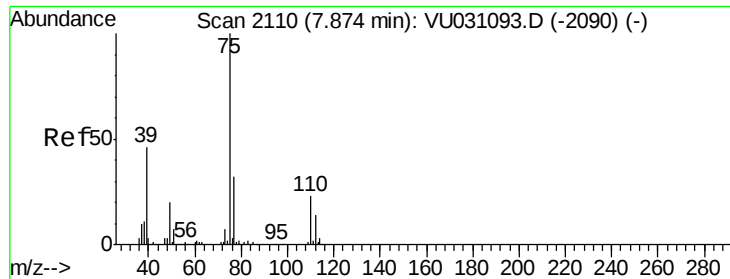


#42

Toluene
Concen: 43.904 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031105.D
Acq: 12 Apr 2019 05:35

Tgt Ion: 91 Resp: 781353
Ion Ratio Lower Upper
91 100
92 58.0 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

Instrument :

MSVOA_U

ClientSampled :

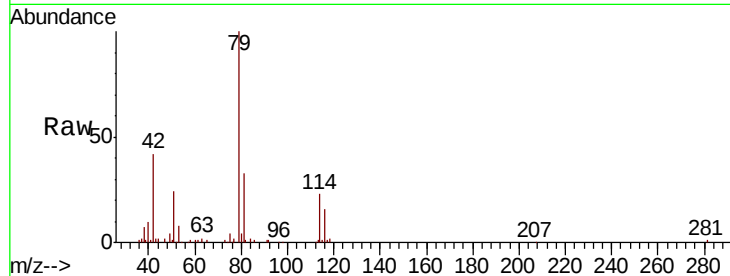
ETJ60MSD

Tot Ion: 75 Resp: 3734

Ion Ratio Lower Upper

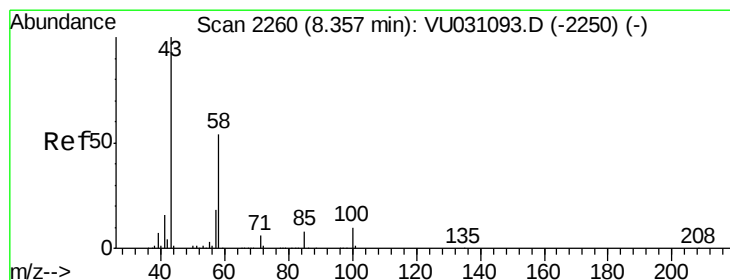
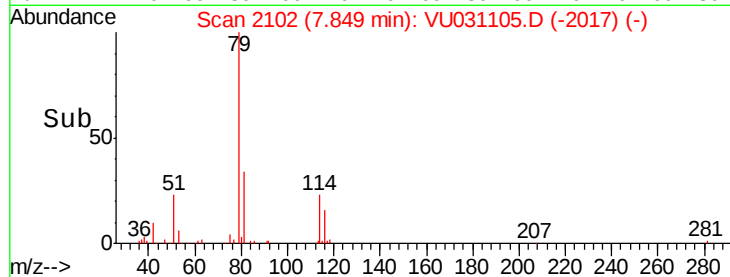
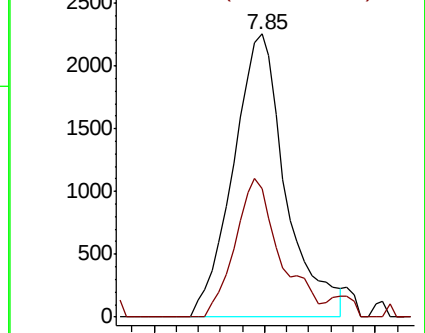
75 100

77 45.5 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU031105.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU031105.D (-2102) (-)



#48

2-Hexanone

Concen: 2.166 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

Tgt Ion: 43 Resp: 13414

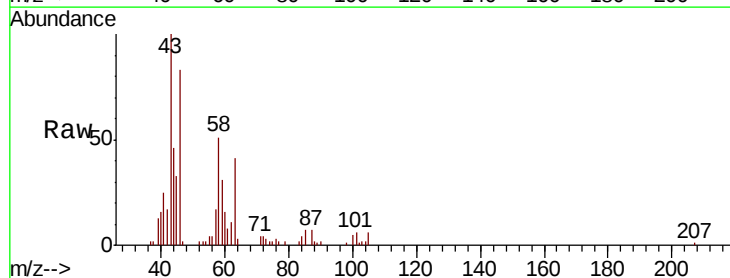
Ion Ratio Lower Upper

43 100

58 64.2 41.9 62.9#

57 4.3 14.3 21.5#

100 4.0 7.1 10.7#

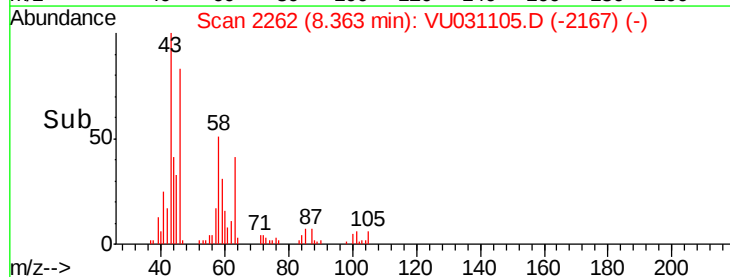
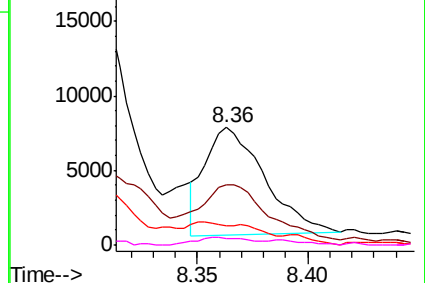


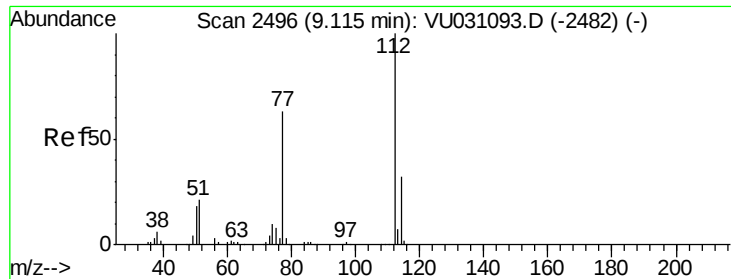
Abundance Ion 43.00 (42.70 to 43.70): VU031105.D (-2262) (-)

Ion 58.00 (57.70 to 58.70): VU031105.D (-2262) (-)

Ion 57.00 (56.70 to 57.70): VU031105.D (-2262) (-)

Ion 100.00 (99.70 to 100.70): VU031105.D (-2262) (-)





#51

Chlorobenzene

Concen: 45.788 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031105.D

Acq: 12 Apr 2019 05:35

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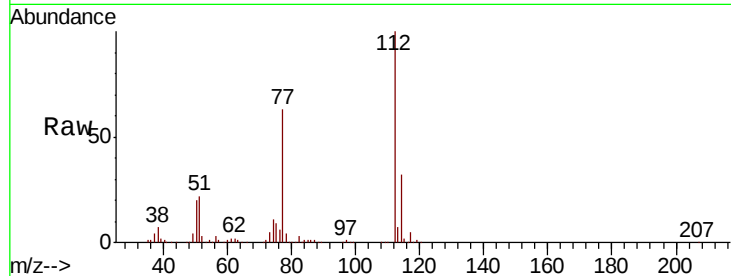
Tot Ion:112 Resp: 499785

Ion Ratio Lower Upper

112 100

114 32.4 22.2 41.2

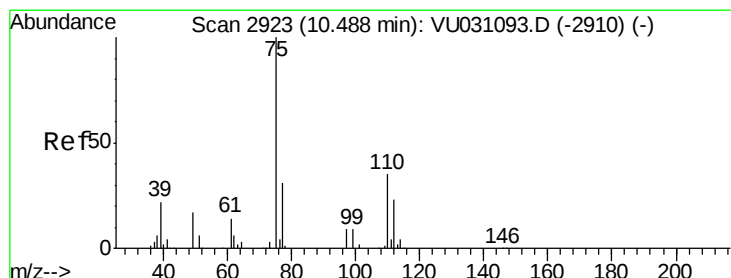
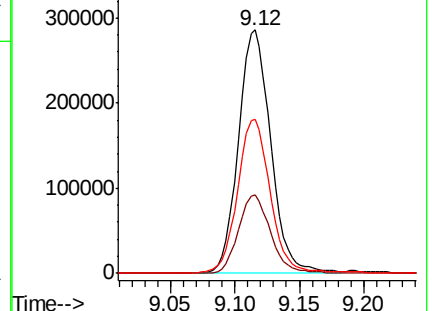
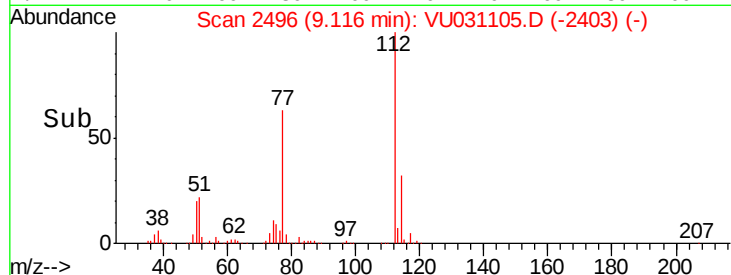
77 63.1 51.7 77.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 4.379 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031105.D

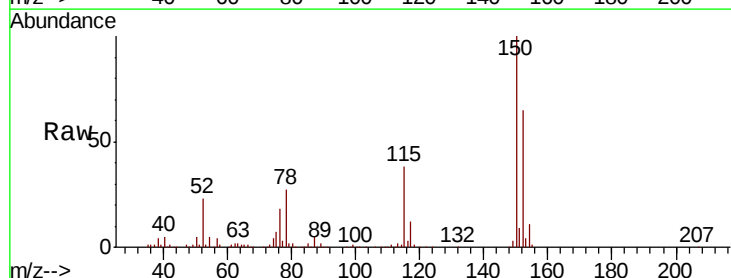
Acq: 12 Apr 2019 05:35

Tgt Ion: 75 Resp: 25890

Ion Ratio Lower Upper

75 100

77 40.5 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

