

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
 Data File : VU033338.D
 Acq On : 19 Jul 2019 15:41
 Operator : JC/SP
 Sample : K3831-03MSD
 Misc : 14.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0MSD

Manual Integrations
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 7/22/2019 3:53:14 PM

Quant Time: Aug 02 06:01:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 22:54:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	310702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	306655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	177810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91306	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.64%
7) Chloroethane-d5	1.63	69	95815	47.69	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.38%
11) 1,1-Dichloroethene-d2	2.23	63	232120	54.41	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.82%
21) 2-Butanone-d5	4.16	46	168260	112.91	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.91%
24) Chloroform-d	4.62	84	181090	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.28	65	126887	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.31	84	382916	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.31	67	124229	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.55	98	382478	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%
43) trans-1,3-Dichloropropene-	7.83	79	67261	56.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.84%
47) 2-Hexanone-d5	8.31	63	139763	128.65	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.65%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	209870	57.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	170203	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.24	96	103296m	49.809	ug/L	
15) Methyl Acetate	2.60	43	6123	2.518	ug/L #	76
29) Cyclohexane	4.95	56	92341	27.635	ug/L #	78
33) Benzene	5.36	78	415174	46.425	ug/L	100
34) Trichloroethene	6.16	95	108903	46.563	ug/L	97
35) Methylcyclohexane	6.39	83	315609	88.092	ug/L	92
42) Toluene	7.62	91	458813	47.588	ug/L	98
51) Chlorobenzene	9.11	112	304565	48.397	ug/L	99
52) Ethylbenzene	9.23	91	264181	25.607	ug/L	99
53) m,p-Xylene	9.36	106	192132	49.167	ug/L	100
56) Isopropylbenzene	10.15	105	154950	15.519	ug/L	99

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

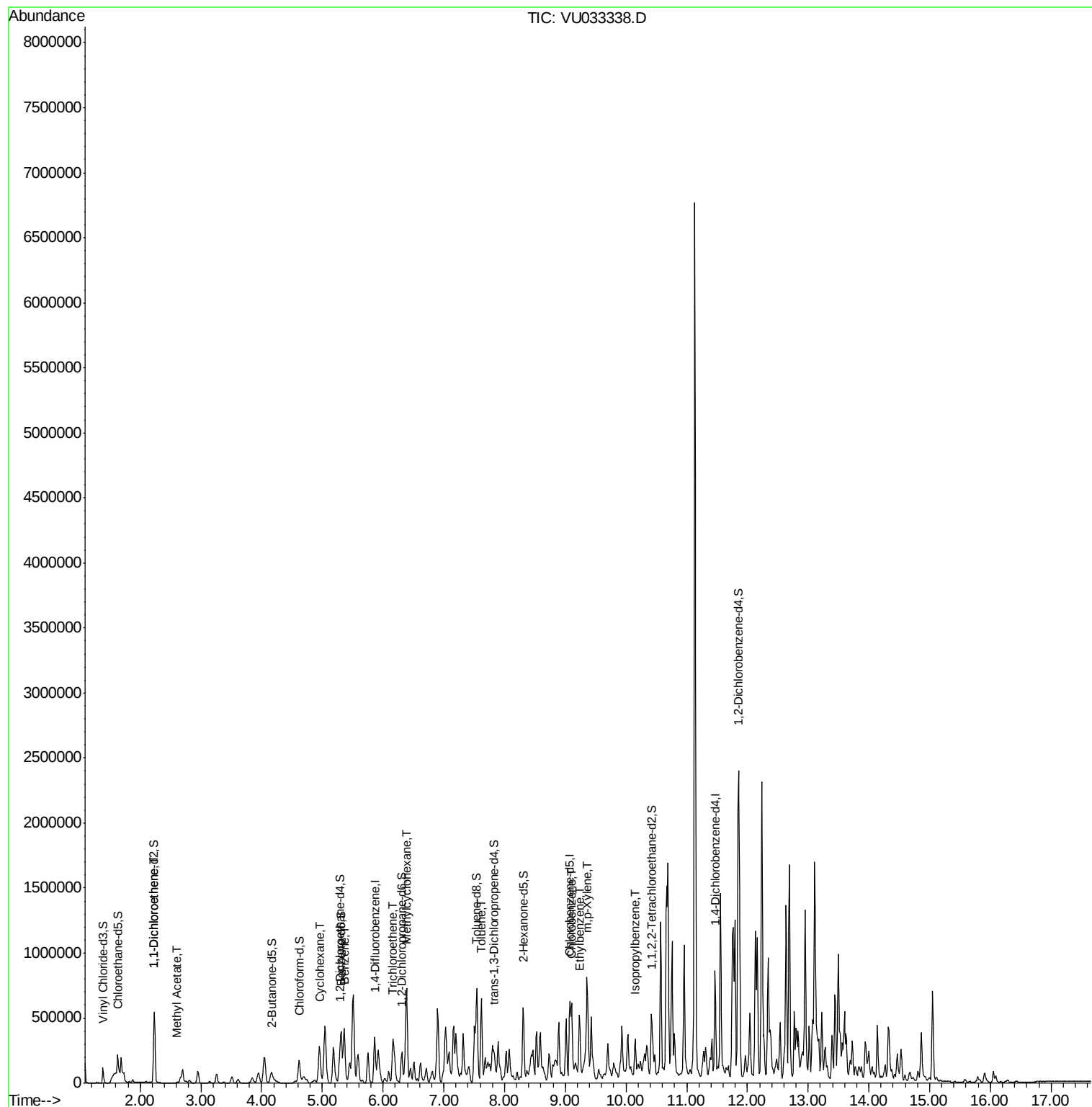
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071919\
Data File : VU033338.D
Acq On : 19 Jul 2019 15:41
Operator : JC/SP
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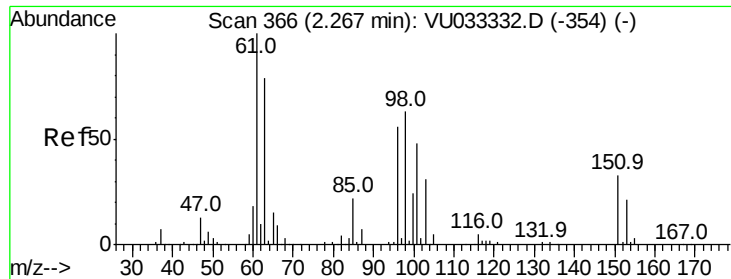
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Aug 02 06:01:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
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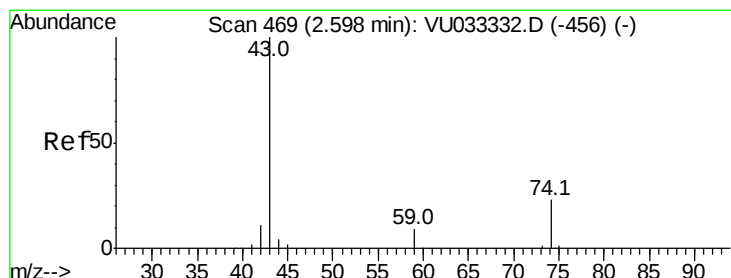
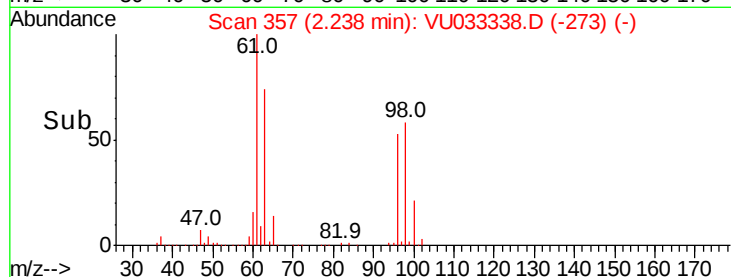
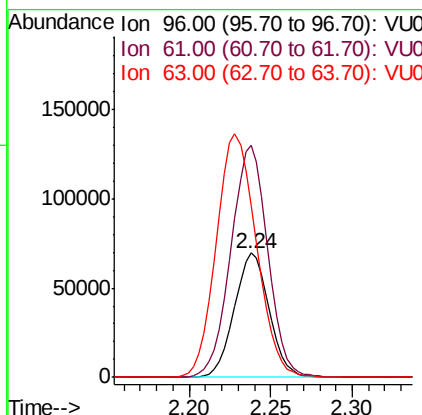
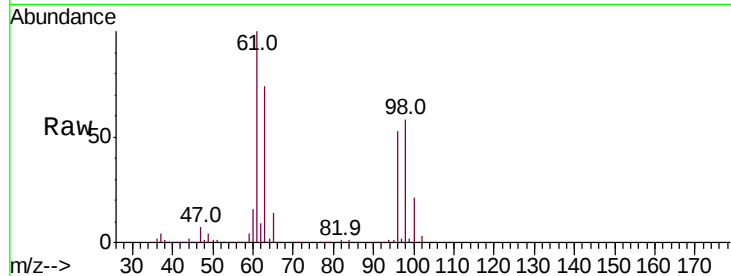
#12
 1,1-Dichloroethene
 Concen: 49.809 ug/L m
 RT: 2.24 min Scan# 357
 Delta R.T. -0.03 min
 Lab File: VU033338.D
 Acq: 19 Jul 2019 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	187.3	126.1	234.1
63	138.8	96.8	179.8

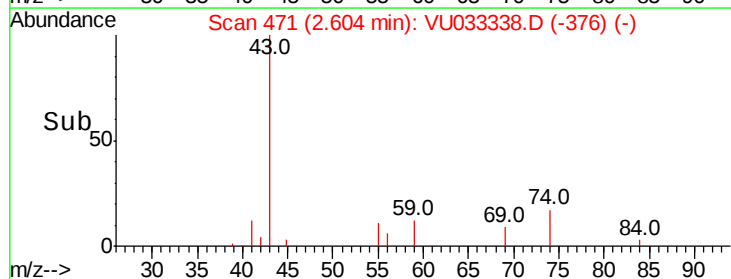
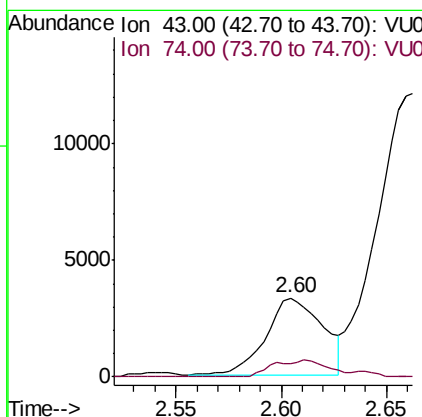
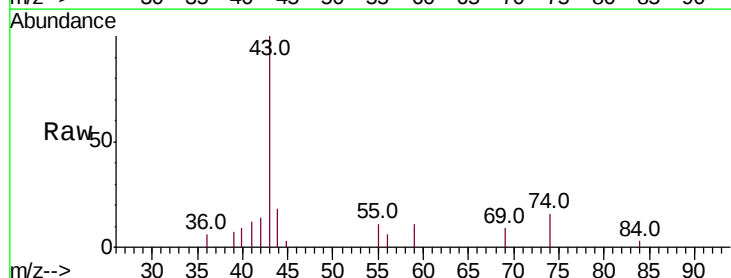
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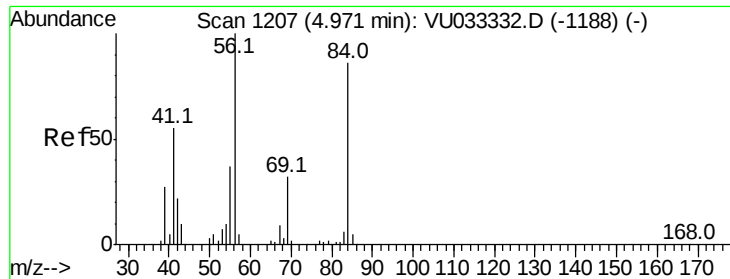
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#15
 Methyl Acetate
 Concen: 2.518 ug/L
 RT: 2.60 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VU033338.D
 Acq: 19 Jul 2019 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	12.8	19.9	29.9#





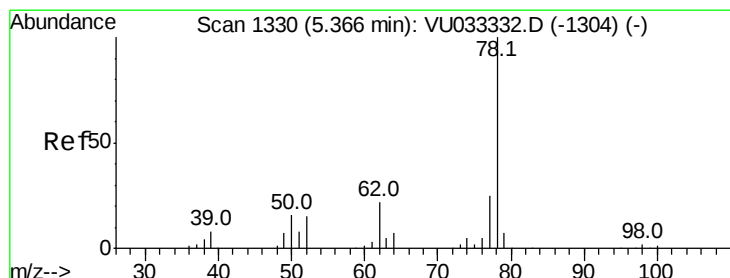
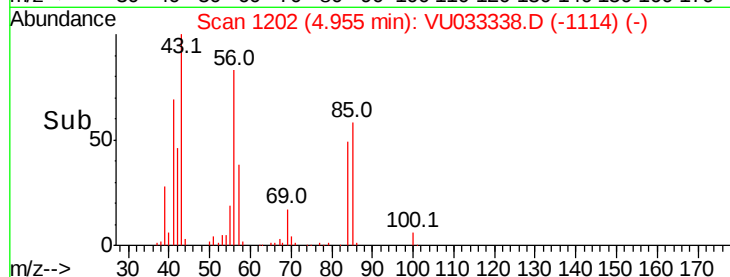
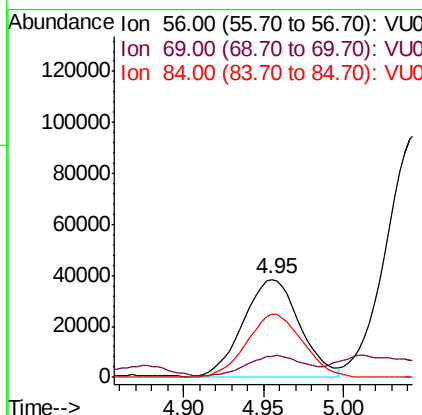
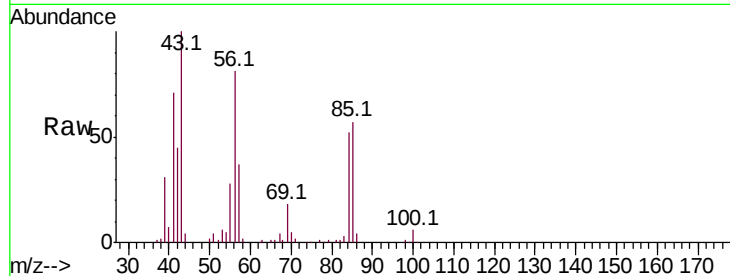
#29
Cyclohexane
Concen: 27.635 ug/L
RT: 4.95 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VU033338.D
Acq: 19 Jul 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
GAMR0MSD

Tot Ion: 56 Resp: 92341
Ion Ratio Lower Upper
56 100
69 21.4 24.7 37.1#
84 65.2 70.2 105.2#

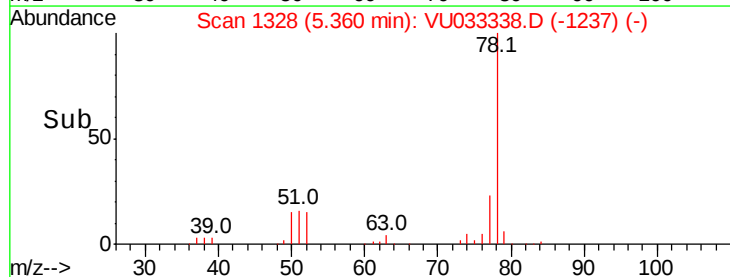
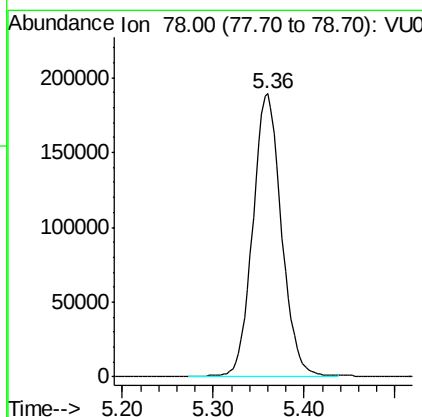
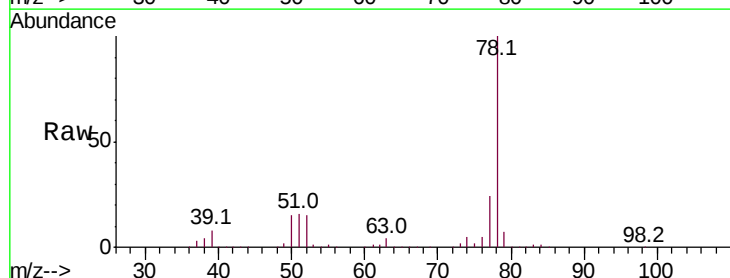
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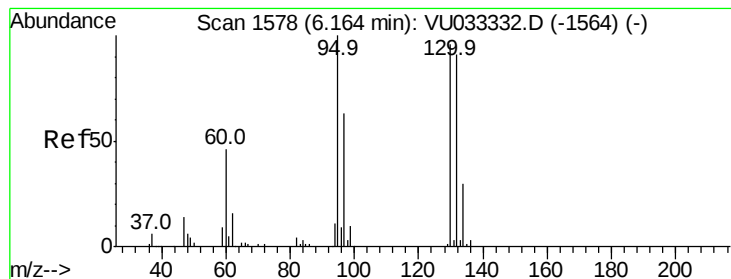
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#33
Benzene
Concen: 46.425 ug/L
RT: 5.36 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VU033338.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 78 Resp: 415174





#34

Trichloroethene

Concen: 46.563 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU033338.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

GAMR0MSD

Tot Ion: 95 Resp: 108903

Ion Ratio Lower Upper

95 100

97 64.7 43.8 81.4

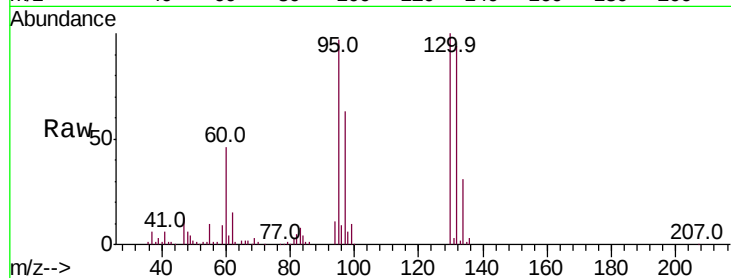
132 97.1 65.5 121.6

130 102.9 69.7 129.5

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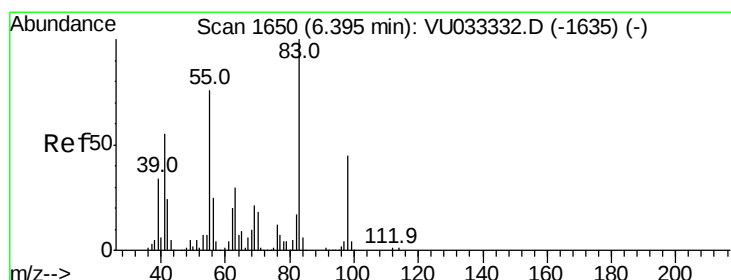
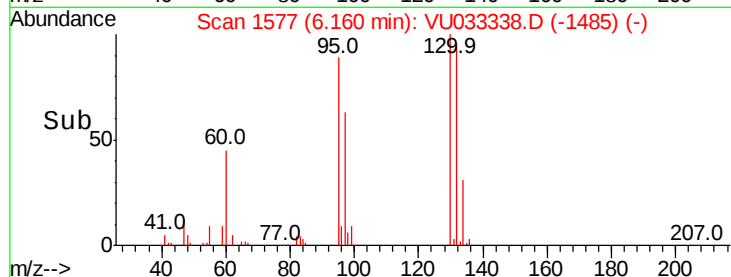
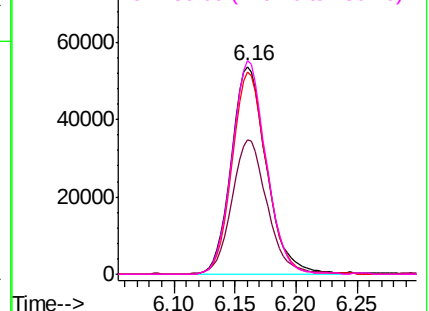
Abundance

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



#35

Methylcyclohexane

Concen: 88.092 ug/L

RT: 6.39 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VU033338.D

Acq: 19 Jul 2019 15:41

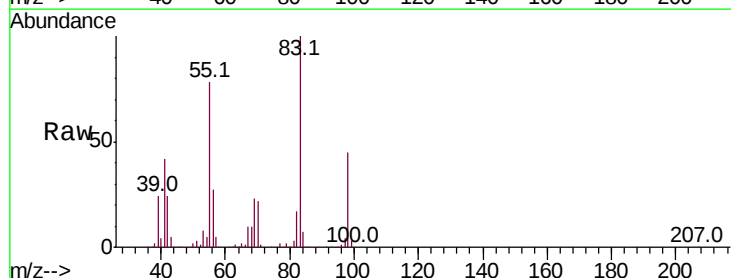
Tgt Ion: 83 Resp: 315609

Ion Ratio Lower Upper

83 100

55 84.6 60.5 90.7

98 43.3 37.4 56.0

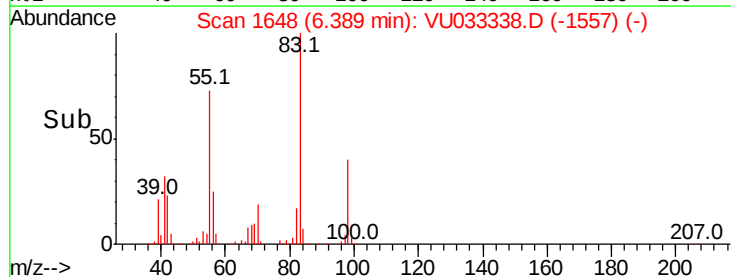
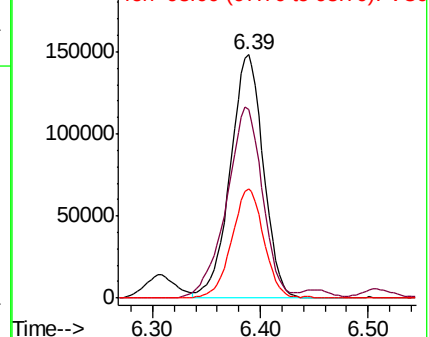


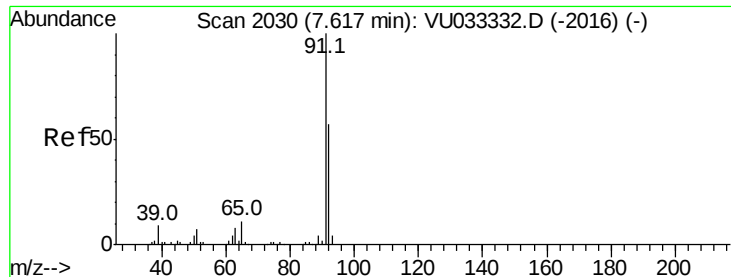
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 47.588 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033338.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

GAMR0MSD

Tot Ion: 91 Resp: 458813

Ion Ratio Lower Upper

91 100

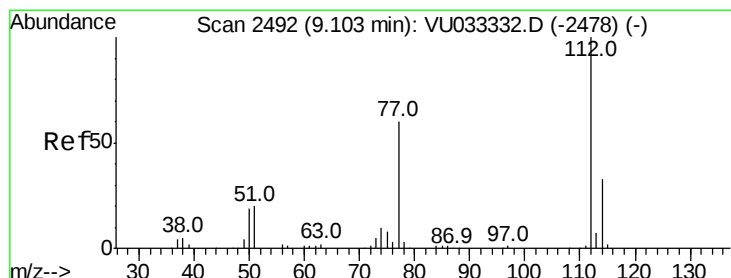
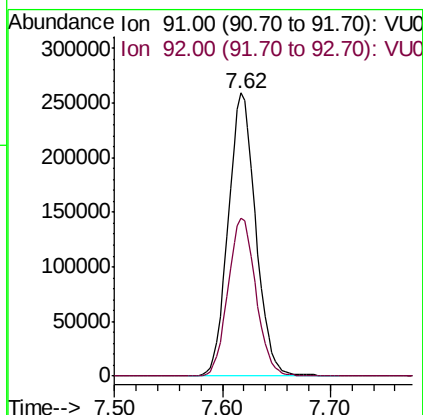
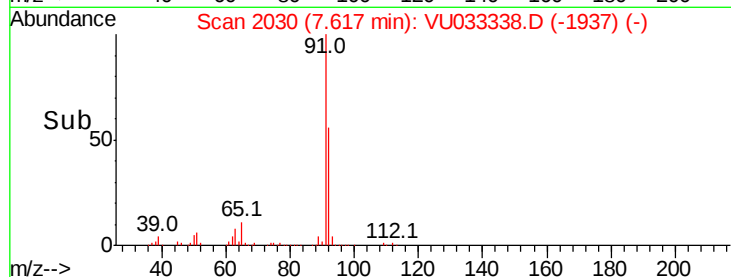
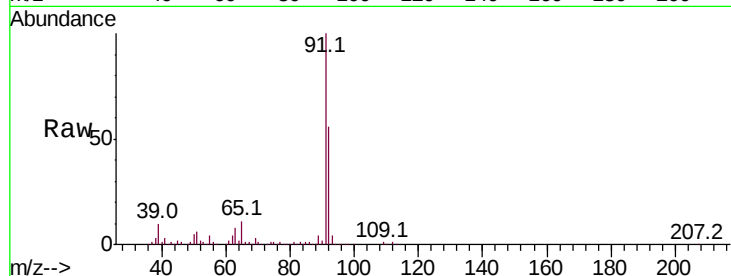
92 55.8 39.8 74.0

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#51

Chlorobenzene

Concen: 48.397 ug/L

RT: 9.11 min Scan# 2493

Delta R.T. 0.00 min

Lab File: VU033338.D

Acq: 19 Jul 2019 15:41

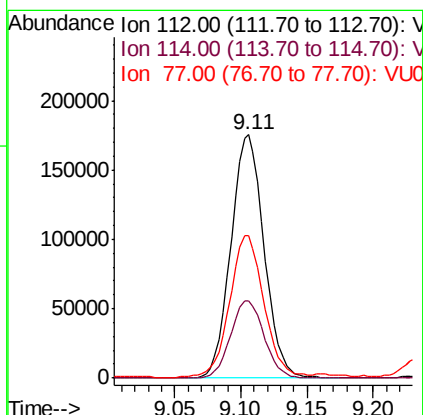
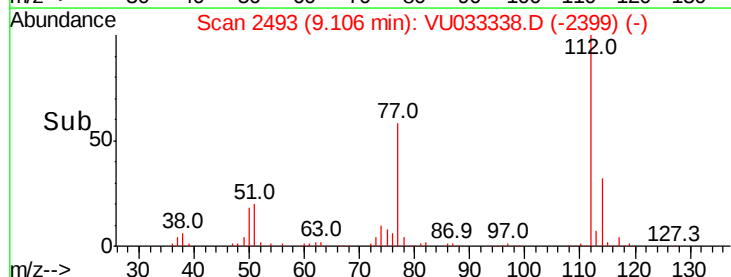
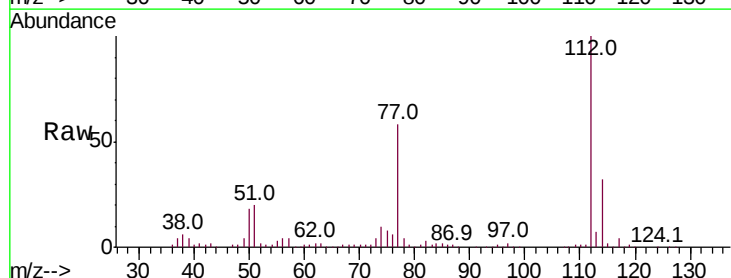
Tgt Ion: 112 Resp: 304565

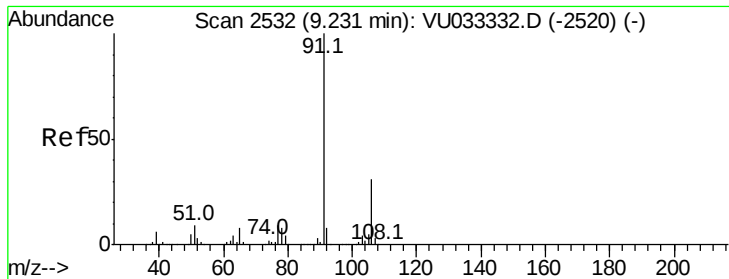
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 58.5 47.2 70.8





#52

Ethylbenzene

Concen: 25.607 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033338.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

GAMR0MSD

Tot Ion: 91 Resp: 264181

Ion Ratio Lower Upper

91 100

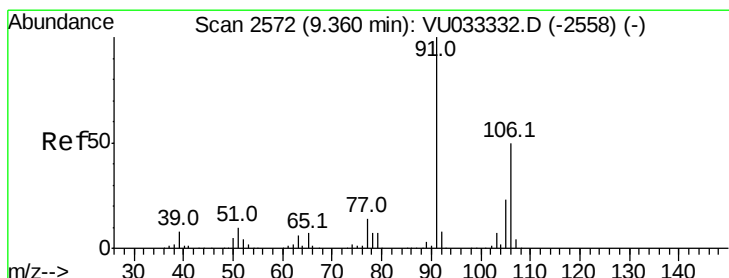
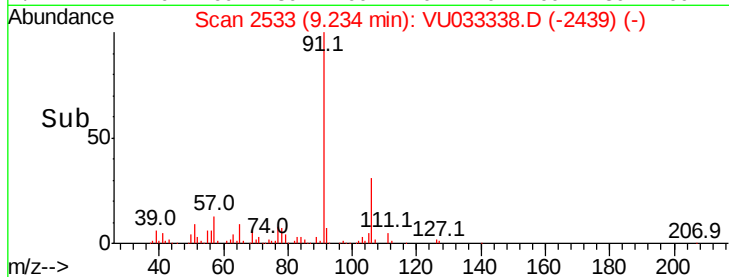
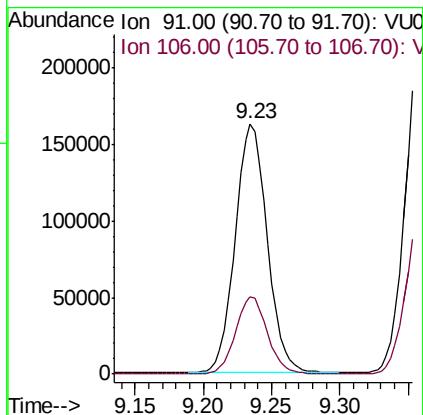
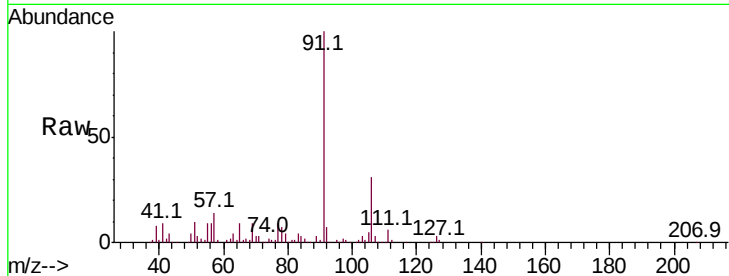
106 31.0 22.2 41.2

Manual Integrations

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#53

m,p-Xylene

Concen: 49.167 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. -0.00 min

Lab File: VU033338.D

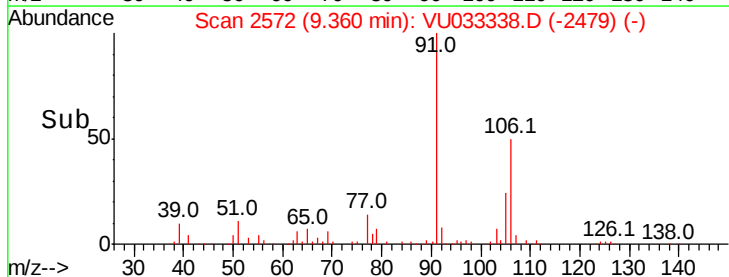
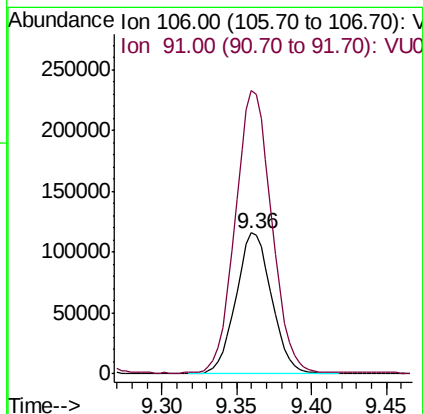
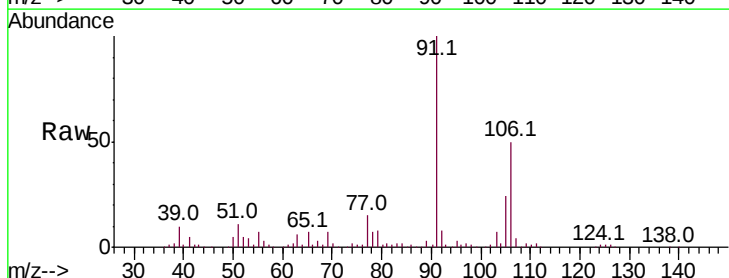
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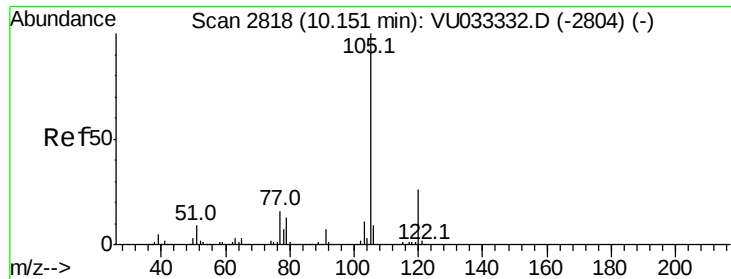
Tgt Ion: 106 Resp: 192132

Ion Ratio Lower Upper

106 100

91 201.1 141.3 262.3





#56
Isopropylbenzene
Concen: 15.519 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. -0.00 min
Lab File: VU033338.D
Acq: 19 Jul 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
GAMR0MSD

Tot Ion:	105	Resp:	154950
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.2	31.8
77	16.5	12.9	19.3

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