

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032357.D
 Acq On : 29 May 2019 13:41
 Operator : JC/SP
 Sample : K3045-08 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C52

Quant Time: May 30 08:28:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211139	5.00	ug/L	0.00

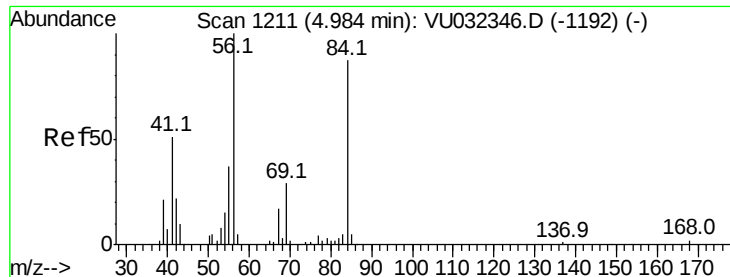
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142475	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.68	69	118923	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.27	63	198055	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	340412	50.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	4.64	84	257785	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	130726	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.33	84	554502	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.32	67	166793	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.56	98	503651	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	58506	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.31	63	267349	48.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134574	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	205036	3.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	4.99	56	18253	0.908	ug/L	93
33) Benzene	5.38	78	158156	2.821	ug/L	100
35) Methylcyclohexane	6.41	83	10741	0.485	ug/L #	65
42) Toluene	7.64	91	9499	0.159	ug/L	98
52) Ethylbenzene	9.24	91	2720049	45.359	ug/L	98
53) m,p-Xylene	9.37	106	256604	11.507	ug/L	97
56) Isopropylbenzene	10.16	105	254861	4.524	ug/L	100

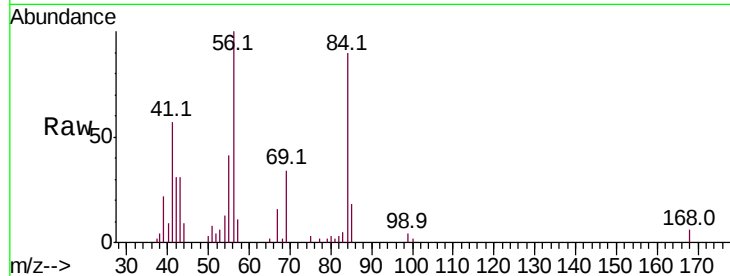
(#) = qualifier out of range (m) = manual integration (+) = signals summed



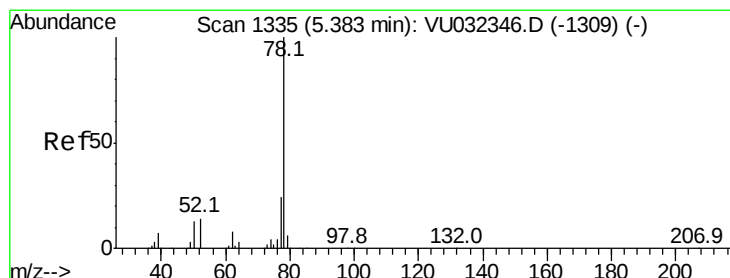
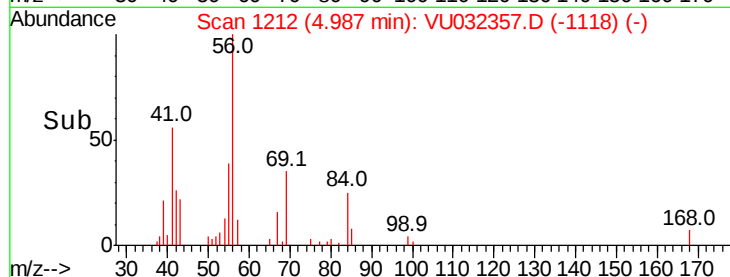
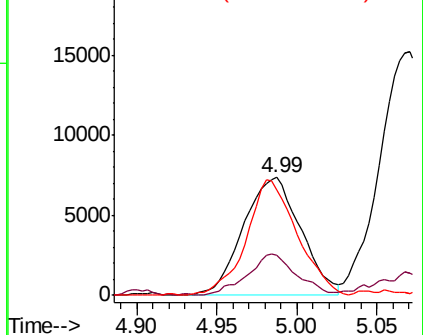
#30
Cyclohexane
Concen: 0.908 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU032357.D
Acq: 29 May 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0C52

Tot Ion: 56 Resp: 18253
Ion Ratio Lower Upper
56 100
69 29.9 26.6 39.8
84 86.2 75.0 112.6

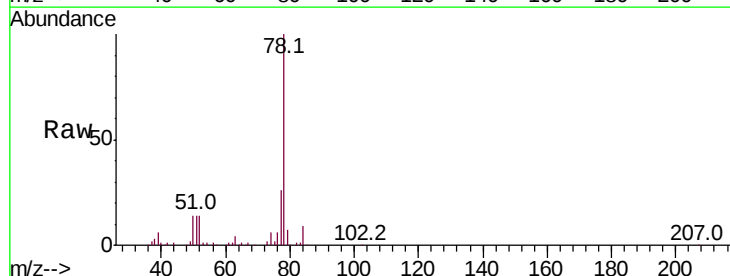


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

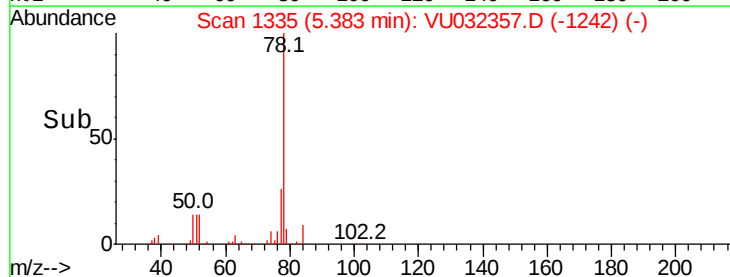
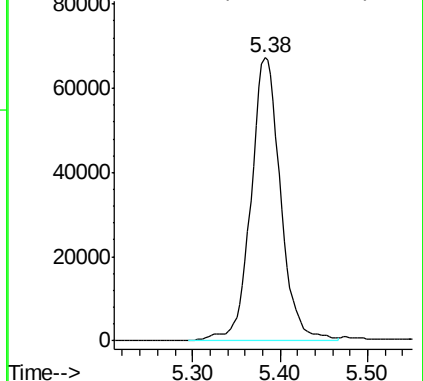


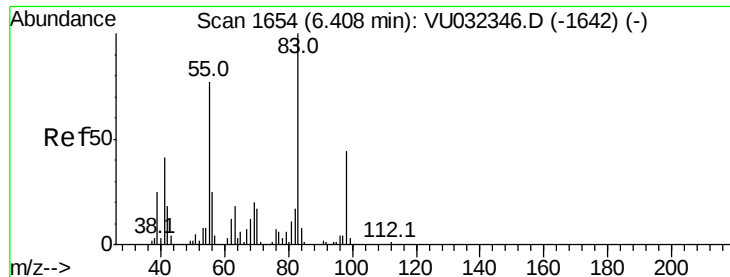
#33
Benzene
Concen: 2.821 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032357.D
Acq: 29 May 2019 13:41

Tgt Ion: 78 Resp: 158156



Abundance Ion 78.10 (77.80 to 78.80): VU0

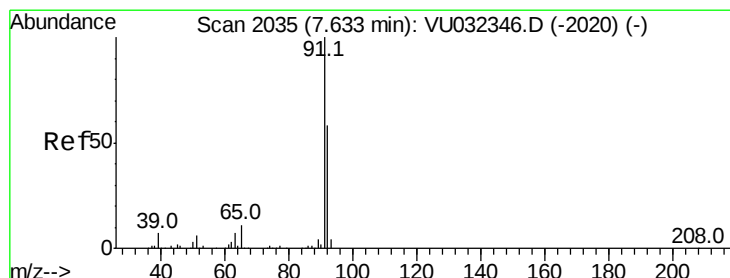
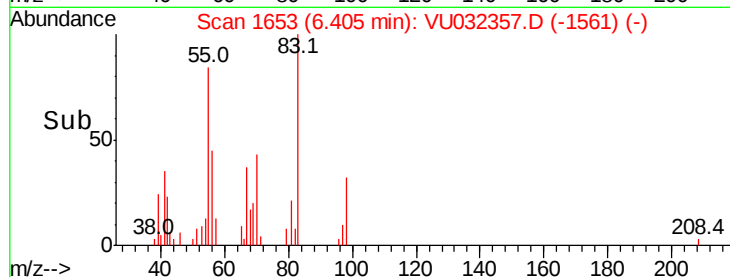
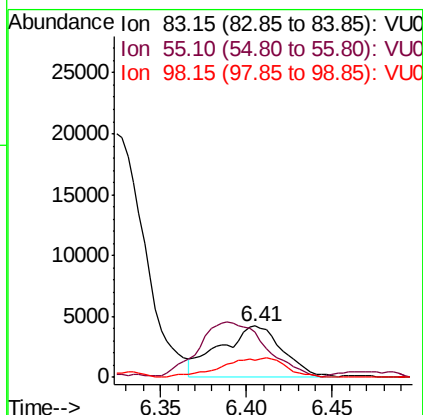
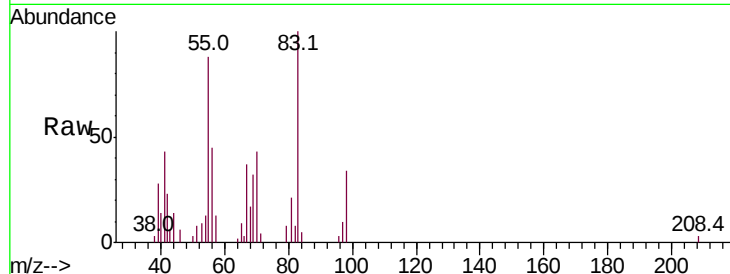




#35
Methvlcvclohexane
Concen: 0.485 ug/L
RT: 6.41 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VU032357.D
Acq: 29 May 2019 13:41

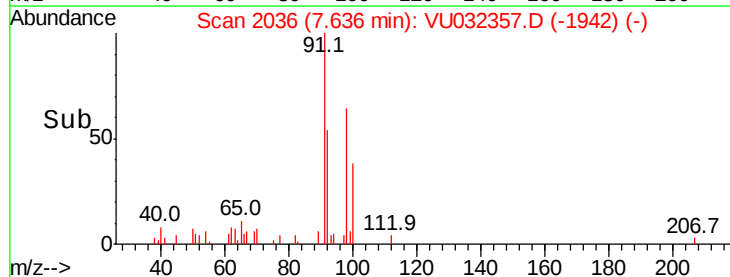
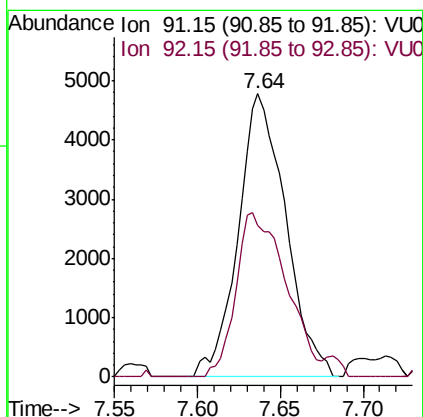
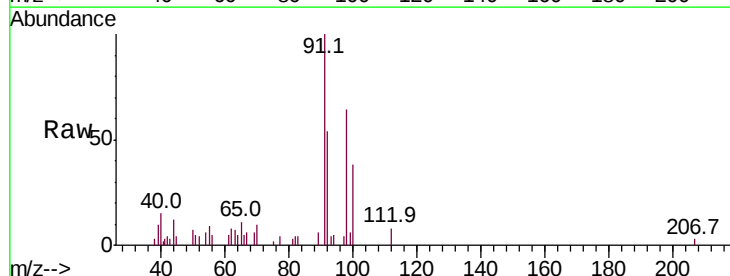
Instrument :
MSVOA_U
ClientSampleId :
C0C52

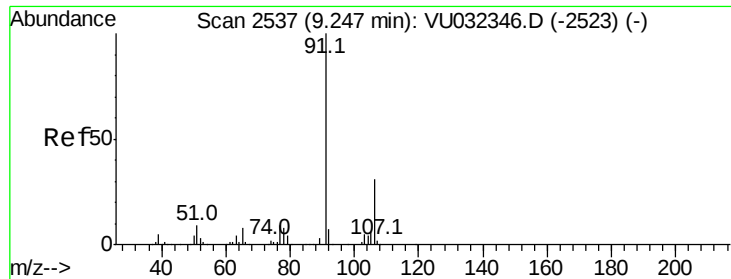
Tot Ion: 83 Resp: 10741
Ion Ratio Lower Upper
83 100
55 115.7 59.7 89.5#
98 38.5 37.5 56.3



#42
Toluene
Concen: 0.159 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU032357.D
Acq: 29 May 2019 13:41

Tgt Ion: 91 Resp: 9499
Ion Ratio Lower Upper
91 100
92 53.7 38.5 71.5





#52

Ethylbenzene

Concen: 45.359 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032357.D

Acq: 29 May 2019 13:41

Instrument :

MSVOA_U

ClientSampleId :

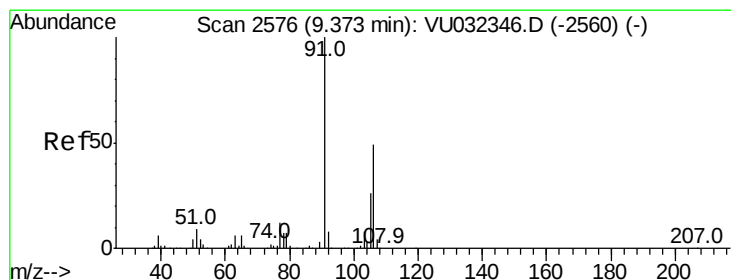
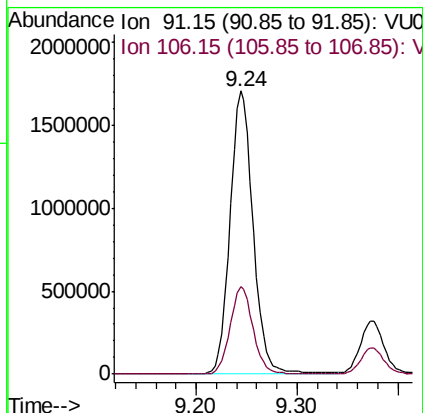
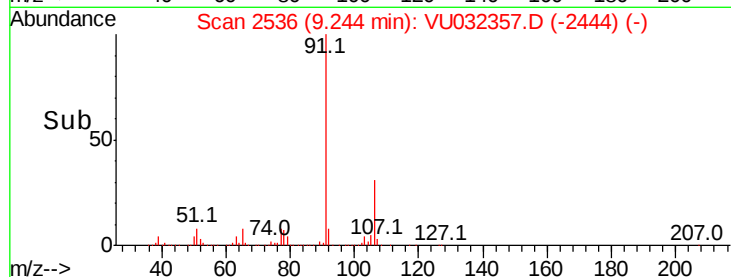
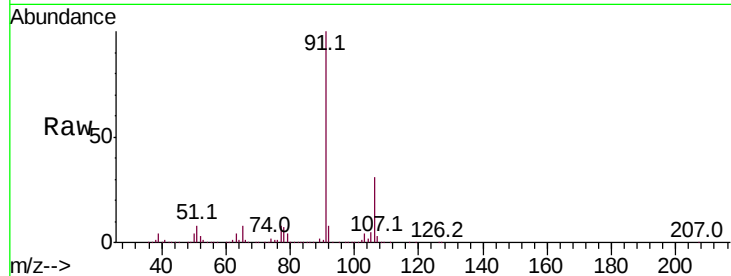
C0C52

Tot Ion: 91 Resp: 2720049

Ion Ratio Lower Upper

91 100

106 31.1 20.9 38.9



#53

m,p-Xylene

Concen: 11.507 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032357.D

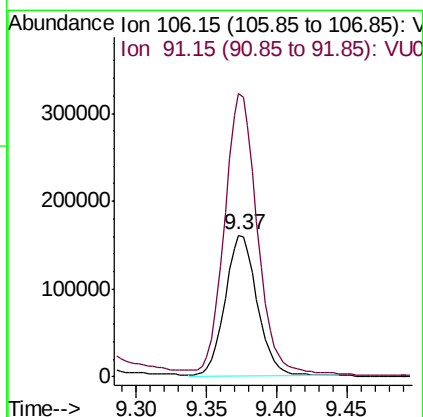
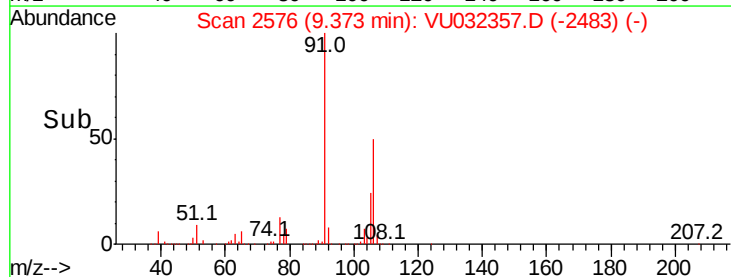
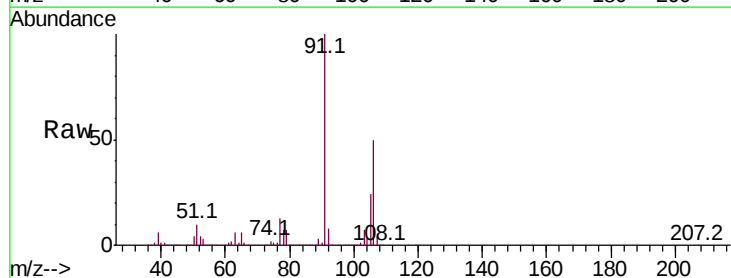
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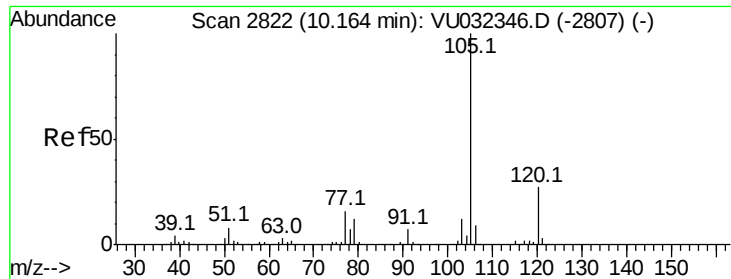
Tgt Ion:106 Resp: 256604

Ion Ratio Lower Upper

106 100

91 200.4 143.9 267.2





#56

Isopropylbenzene

Concen: 4.524 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032357.D

Acq: 29 May 2019 13:41

Instrument :

MSVOA_U

ClientSampleId :

C0C52

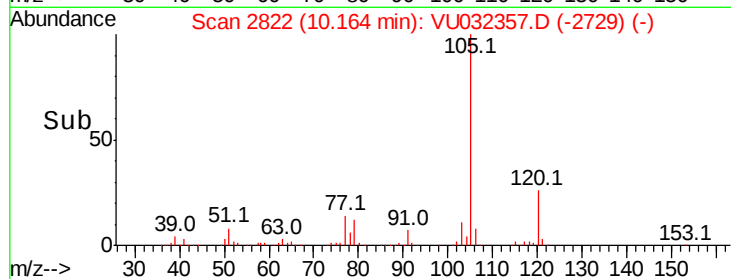
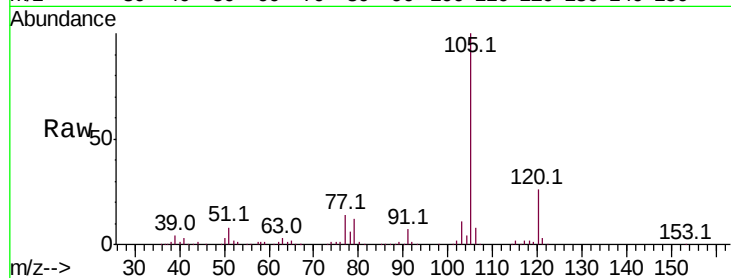
Tot Ion:105 Resp: 254861

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.6

77 15.1 11.9 17.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

