

Data File : VU032301.D
Acq On : 24 May 2019 10:15
Operator : JC/SP
Sample : K3001-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF5

Quant Time: May 24 23:35:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	798711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	788718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	346138	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247824	59.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.72%
7) Chloroethane-d5	1.67	69	219307	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.46%
11) 1,1-Dichloroethene-d2	2.27	63	351905	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.00%
21) 2-Butanone-d5	4.17	46	345941	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.64	84	484377	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.30	65	306869	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.33	84	1010223	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	310015	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.56	98	924502	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	124806	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.31	63	238554	88.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	466889	43.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	373089	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3432	0.817	ug/L #	19
13) Acetone	2.32	43	5191	1.617	ug/L	96
35) Methylcyclohexane	6.41	83	15474	2.289	ug/L	97
42) Toluene	7.64	91	23258	0.979	ug/L	98
44) trans-1,3-Dichloropropene	7.84	75	5316	0.699	ug/L	93
48) 2-Hexanone	8.36	43	15624	2.469	ug/L #	41
52) Ethylbenzene	9.24	91	1217654	50.434	ug/L	99
53) m,p-Xylene	9.37	106	861671	92.463	ug/L	99
56) Isopropylbenzene	10.16	105	40954	1.805	ug/L	99

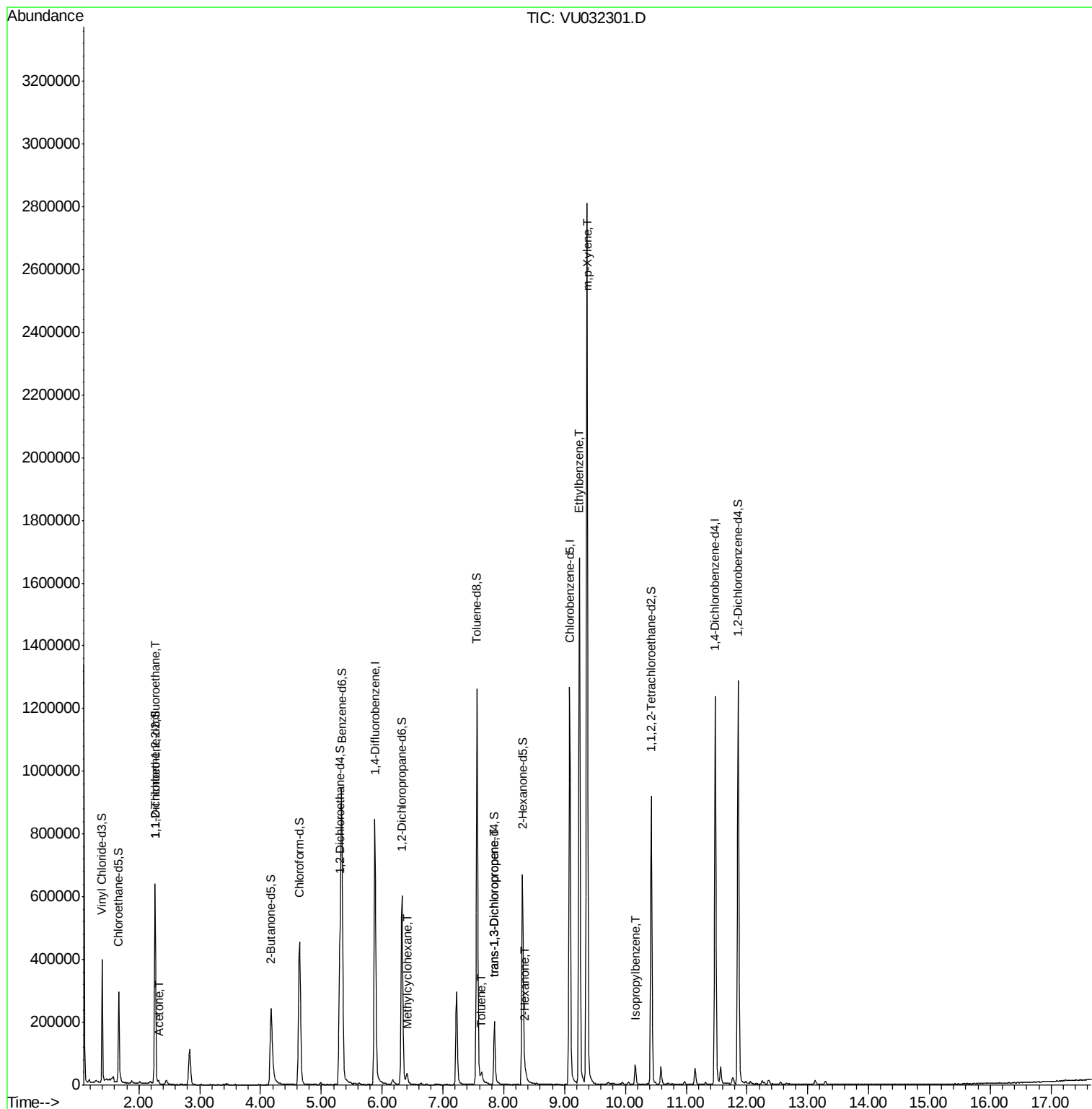
(#) = qualifier out of range (m) = manual integration (+) = signals summed

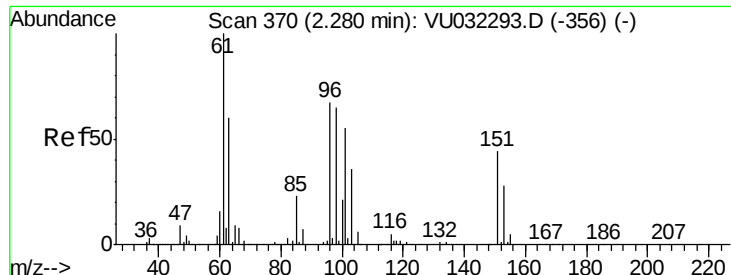
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Response via : Initial Calibration





#10

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

Concen: 0.817 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

Instrument :

MSVOA_U

ClientSampled :

E3YF5

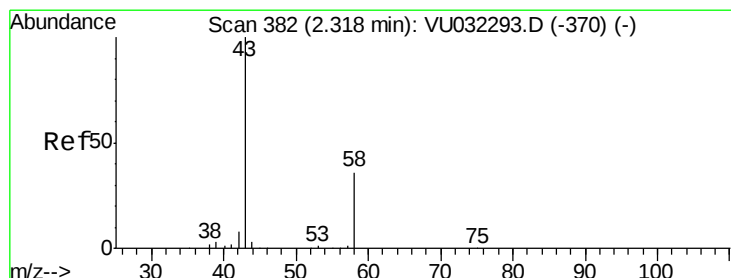
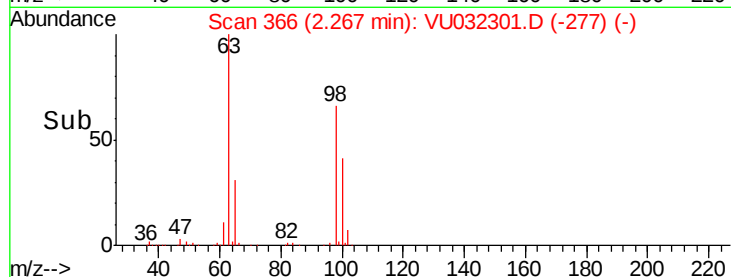
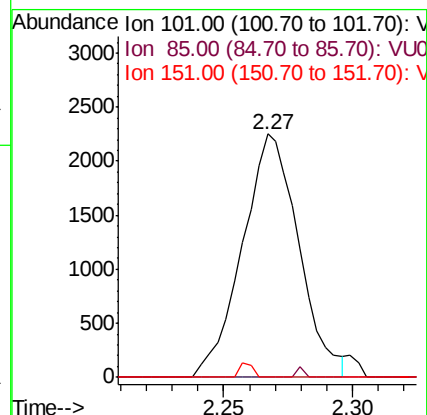
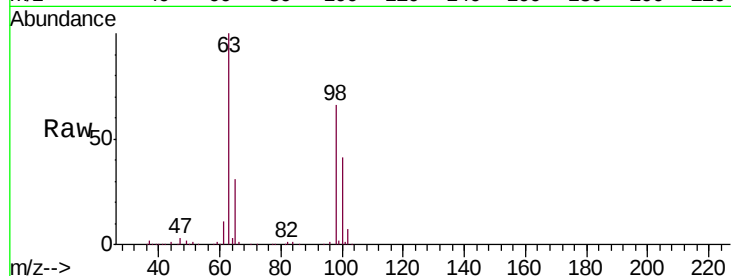
Tgt Ion:101 Resp: 3432

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 1.4 63.5 95.3#



#13

Acetone

Concen: 1.617 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032301.D

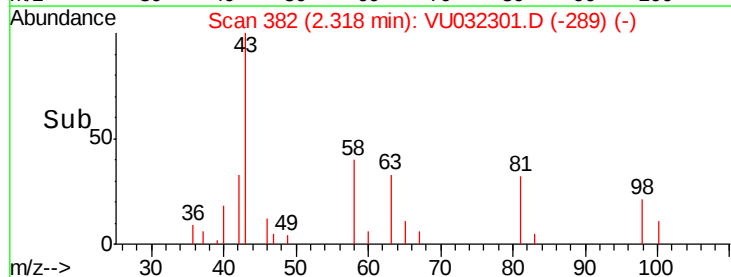
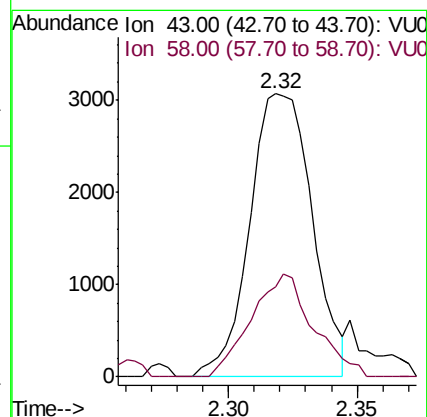
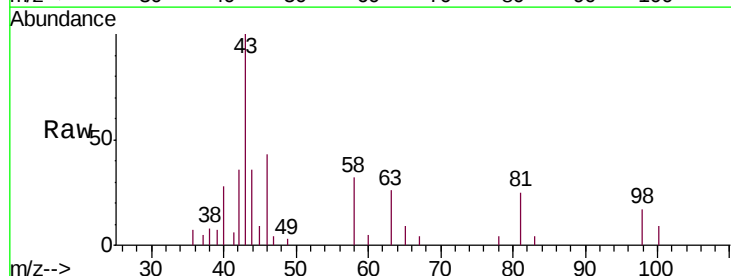
Acq: 24 May 2019 10:15

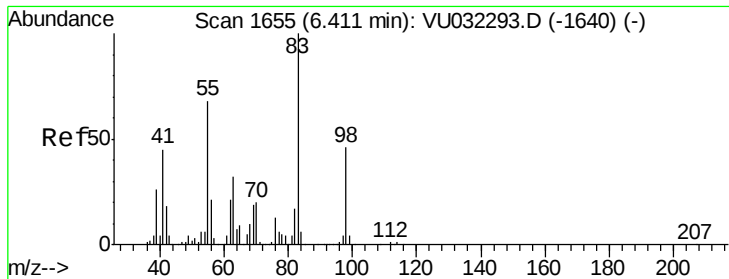
Tgt Ion: 43 Resp: 5191

Ion Ratio Lower Upper

43 100

58 36.2 0.0 77.2





#35

Methylcyclohexane

Concen: 2.289 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

E3YF5

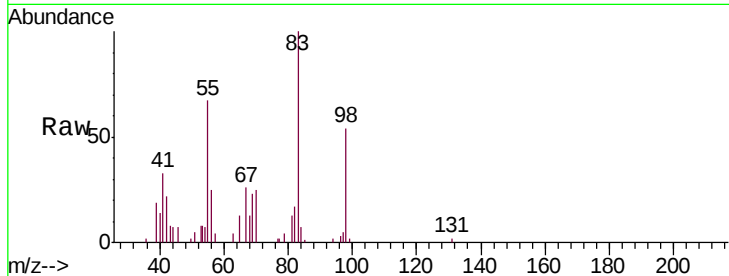
Tgt Ion: 83 Resp: 15474

Ion Ratio Lower Upper

83 100

55 72.1 56.1 84.1

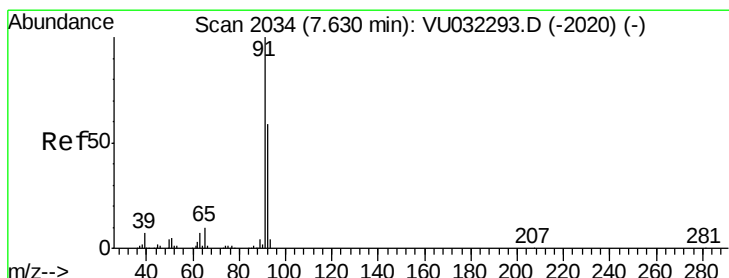
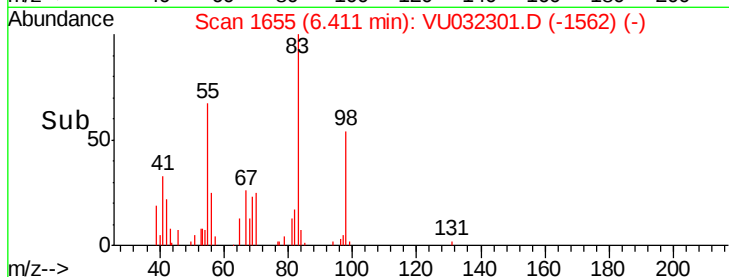
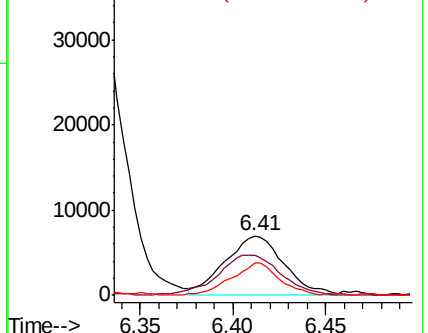
98 44.0 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VU032293.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032293.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032293.D (-1640) (-)



#42

Toluene

Concen: 0.979 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032301.D

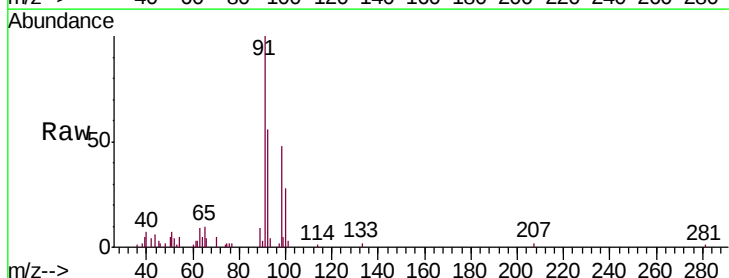
Acq: 24 May 2019 10:15

Tgt Ion: 91 Resp: 23258

Ion Ratio Lower Upper

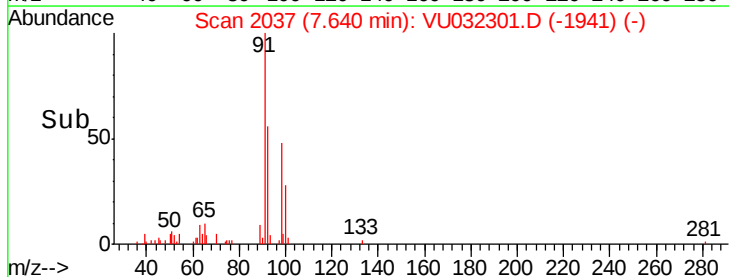
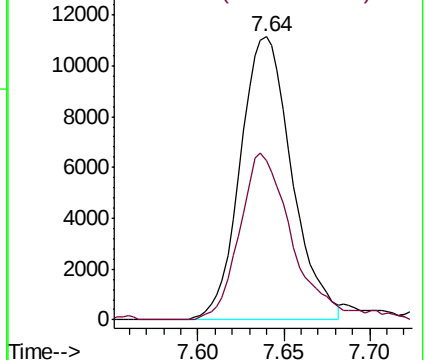
91 100

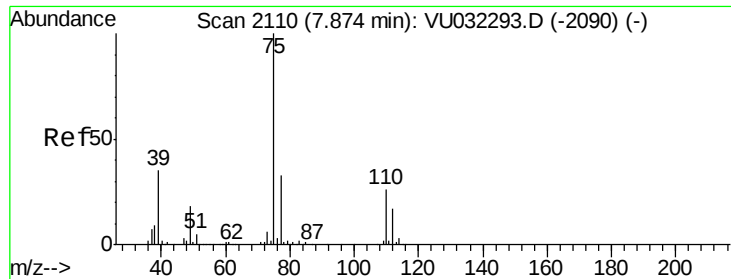
92 56.5 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU032293.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032293.D (-2020) (-)

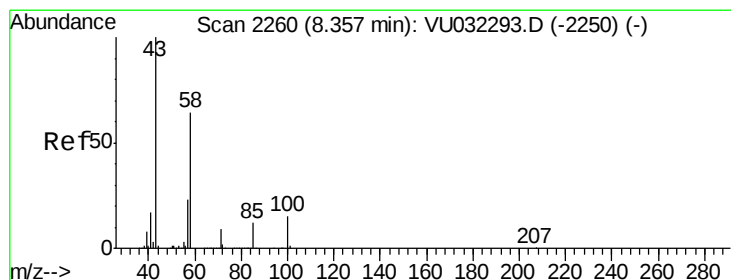
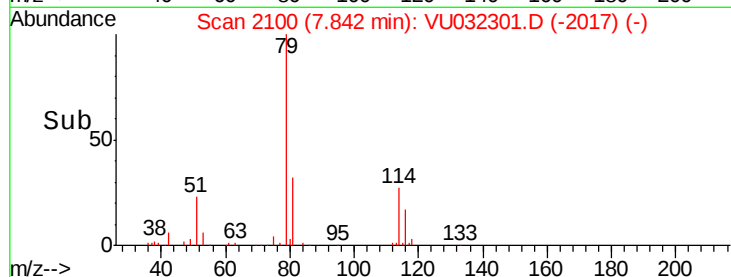
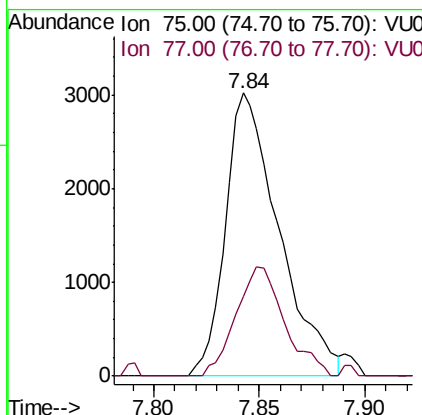
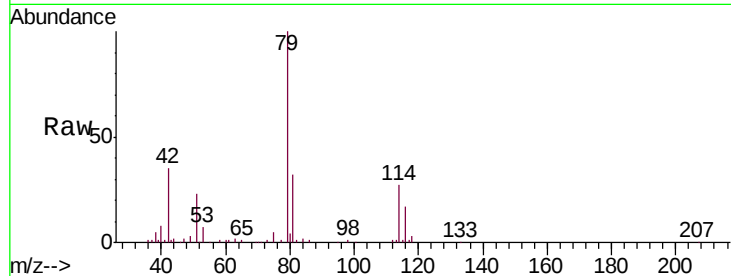




#44
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032301.D
Acq: 24 May 2019 10:15

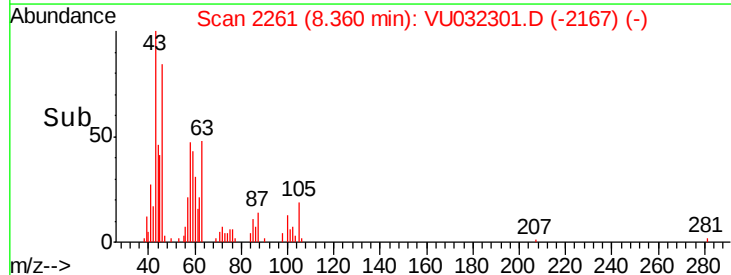
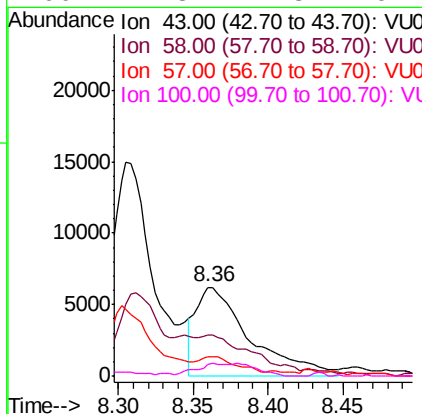
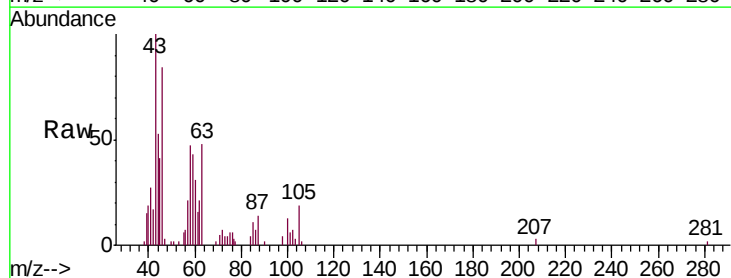
Instrument :
MSVOA_U
ClientSampleId :
E3YF5

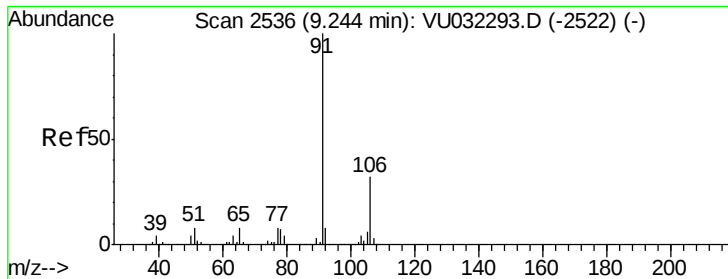
Tgt Ion: 75 Resp: 5316
Ion Ratio Lower Upper
75 100
77 28.1 22.4 41.6



#48
2-Hexanone
Concen: 2.469 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032301.D
Acq: 24 May 2019 10:15

Tgt Ion: 43 Resp: 15624
Ion Ratio Lower Upper
43 100
58 0.0 51.4 77.0#
57 15.9 17.8 26.8#
100 1.8 12.8 19.2#





#52

Ethylbenzene

Concen: 50.434 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

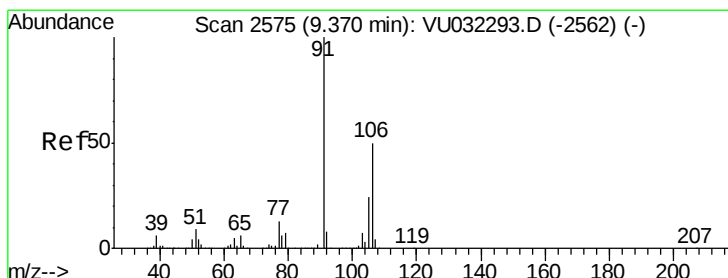
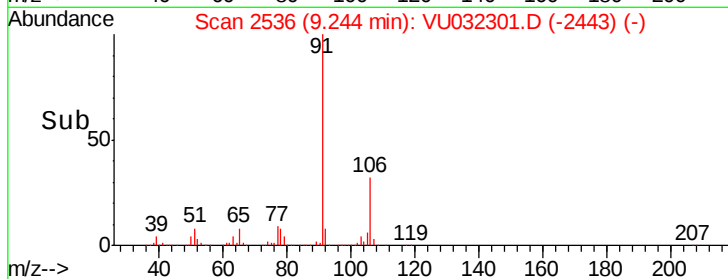
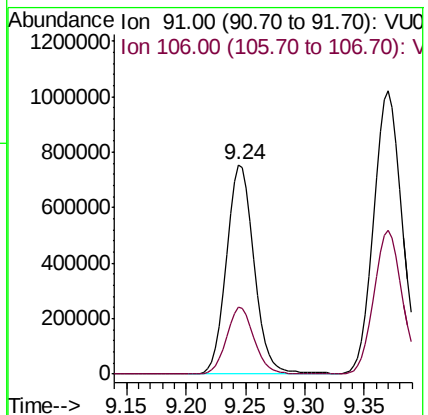
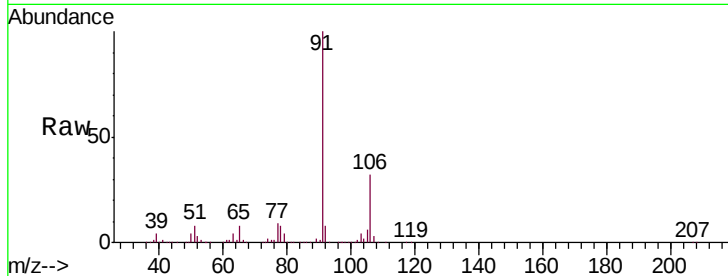
E3YF5

Tgt Ion: 91 Resp: 1217654

Ion Ratio Lower Upper

91 100

106 31.8 22.0 41.0



#53

m,p-Xylene

Concen: 92.463 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032301.D

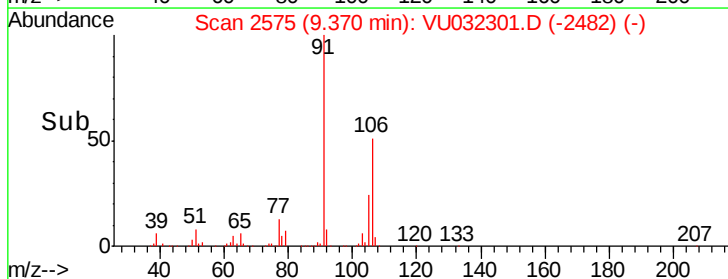
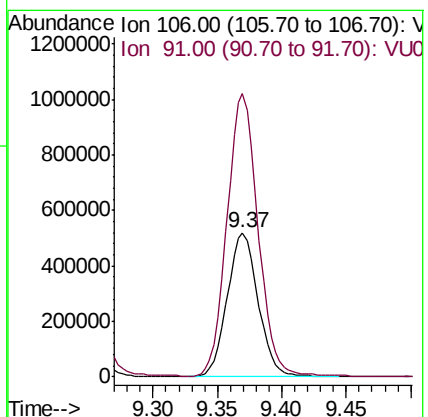
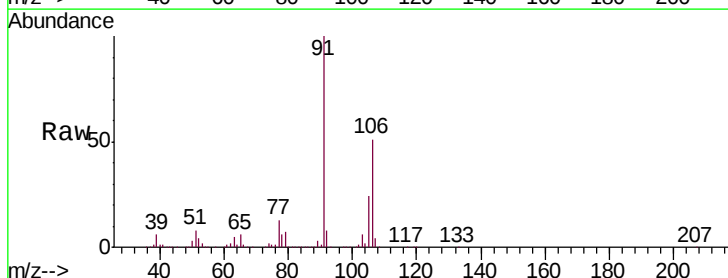
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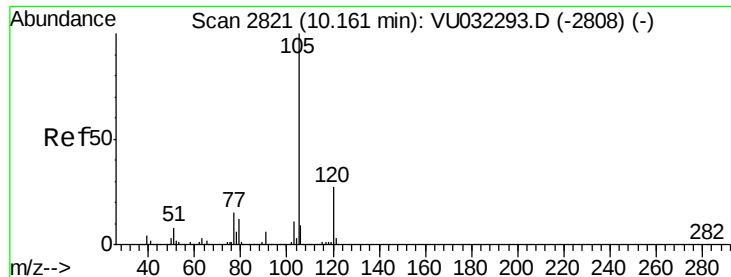
Tgt Ion: 106 Resp: 861671

Ion Ratio Lower Upper

106 100

91 196.6 136.5 253.5





#56
Isopropylbenzene
Concen: 1.805 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032301.D
Acq: 24 May 2019 10:15

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.4
77	16.1	11.8	17.6

