

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032297.D
 Acq On : 24 May 2019 08:40
 Operator : JC/SP
 Sample : K3001-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 09:55:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 07:24:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	700400	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	703441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	282668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	226177	61.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.56%
7) Chloroethane-d5	1.67	69	209185	59.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.08%
11) 1,1-Dichloroethene-d2	2.27	63	310389	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
21) 2-Butanone-d5	4.17	46	374644	107.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.64	84	464807	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.30	65	300026	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.33	84	959196	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
36) 1,2-Dichloropropane-d6	6.32	67	295428	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.56	98	816238	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.85	79	126469	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
47) 2-Hexanone-d5	8.31	63	259140	108.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	454001	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	319518	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

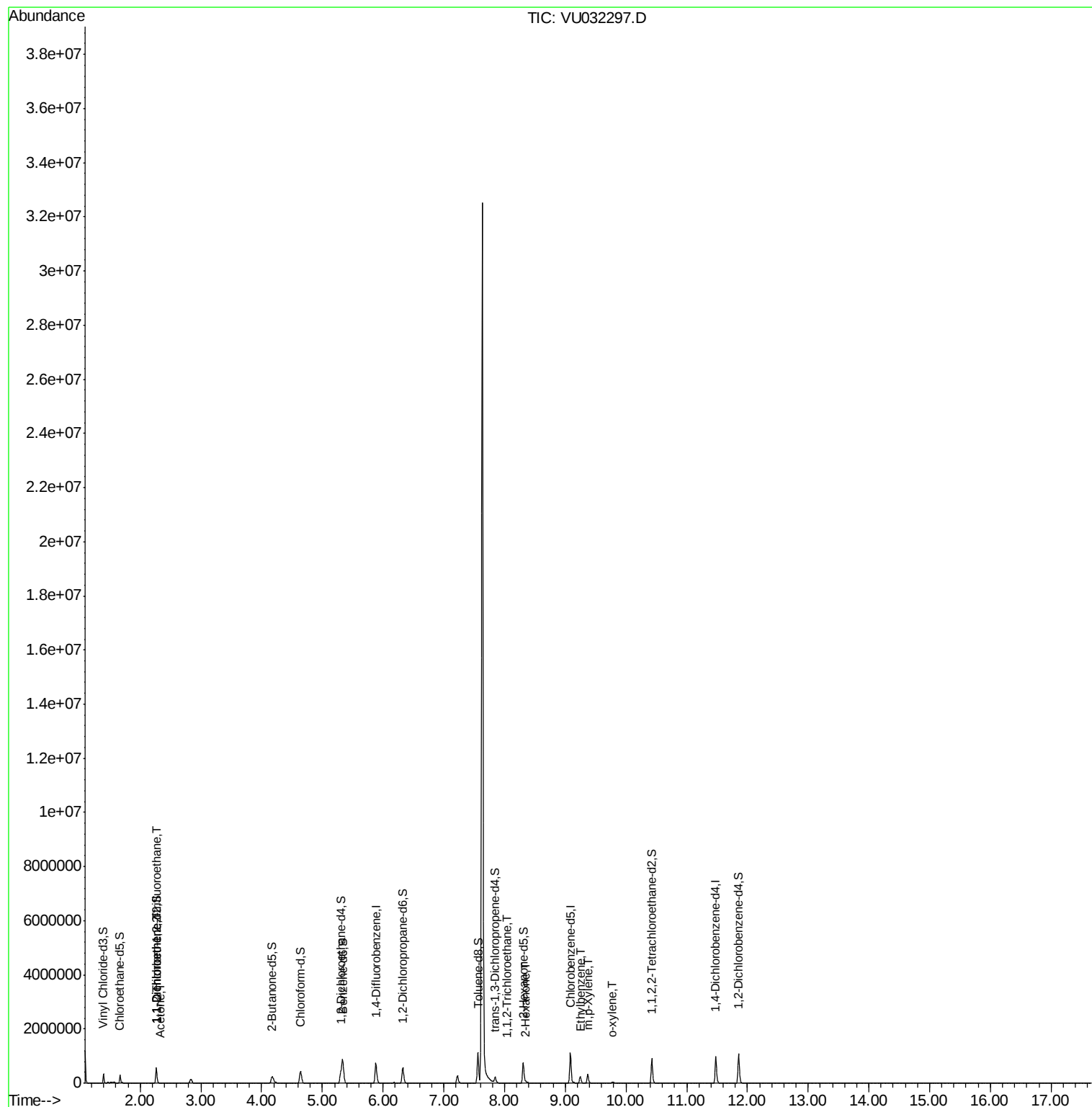
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3710	1.007 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	3132	0.763 ug/L #	1
13) Acetone	2.32	43	5563	1.976 ug/L	88
45) 1,1,2-Trichloroethane	8.04	97	3576	0.618 ug/L #	14
48) 2-Hexanone	8.36	43	14635	2.593 ug/L #	59
52) Ethylbenzene	9.25	91	188180	8.739 ug/L	99
53) m,p-Xylene	9.37	106	105148	12.651 ug/L	99
54) o-xylene	9.78	106	13176	1.520 ug/L	92

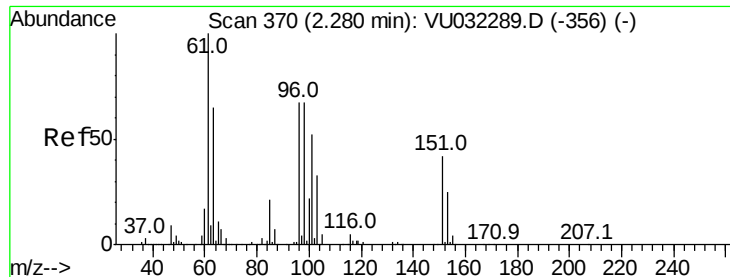
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052419\
Data File : VU032297.D
Acq On : 24 May 2019 08:40
Operator : JC/SP
Sample : K3001-15 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 24 09:55:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 07:24:18 2019
Response via : Initial Calibration





#10

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

Concen: 1.007 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032297.D

Acq: 24 May 2019 08:40

Instrument :

MSVOA_U

ClientSampleId :

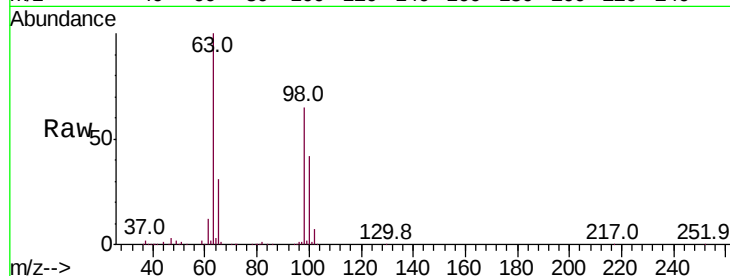
Tot Ion:101 Resp: 3710

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

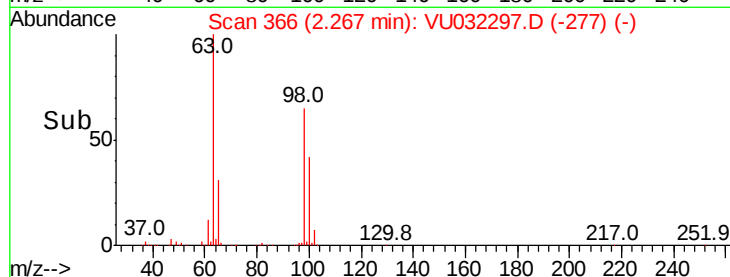
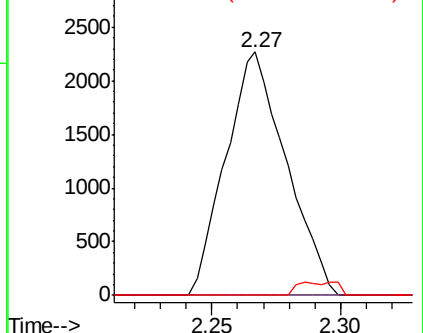
151 2.3 63.5 95.3#



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



#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032297.D

Acq: 24 May 2019 08:40

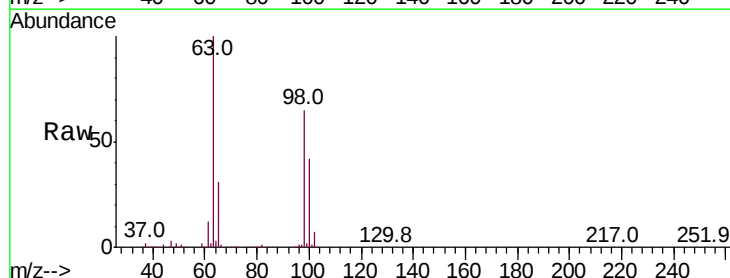
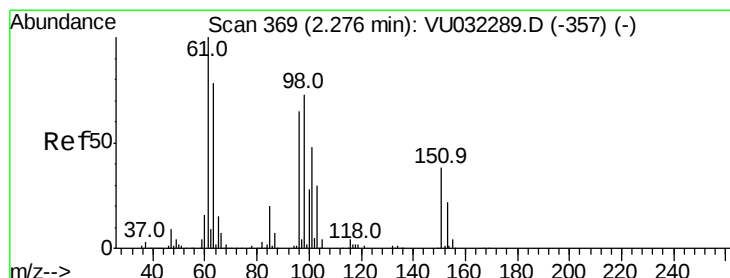
Tgt Ion: 96 Resp: 3132

Ion Ratio Lower Upper

96 100

61 1124.2 108.0 200.6#

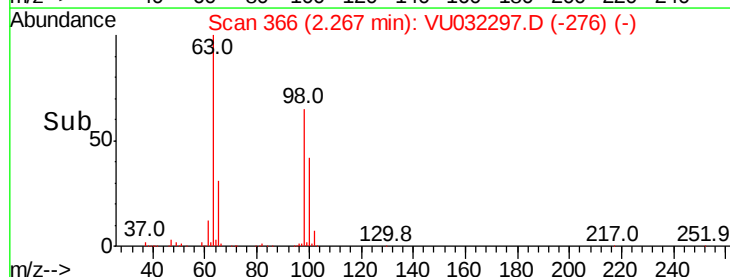
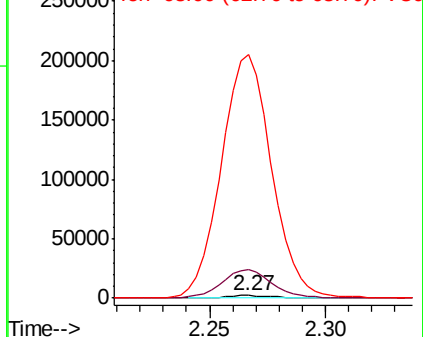
63 9744.4 85.5 158.7#

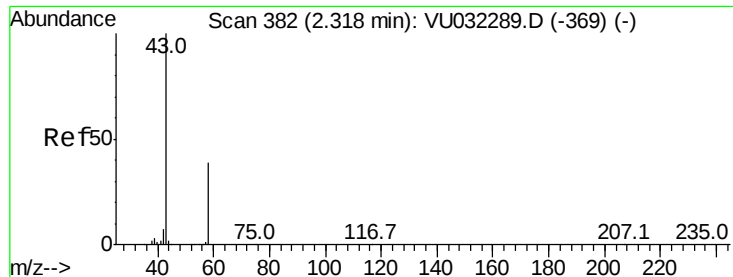


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.976 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032297.D

Acq: 24 May 2019 08:40

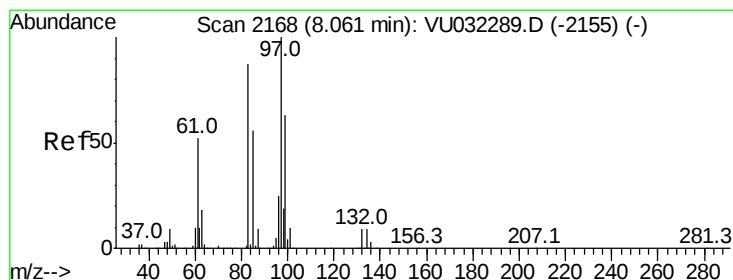
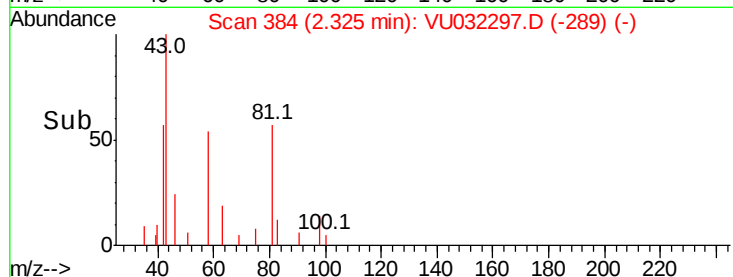
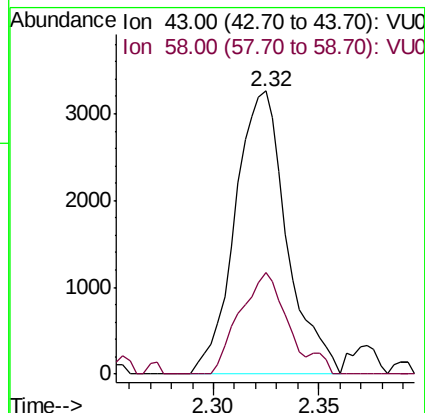
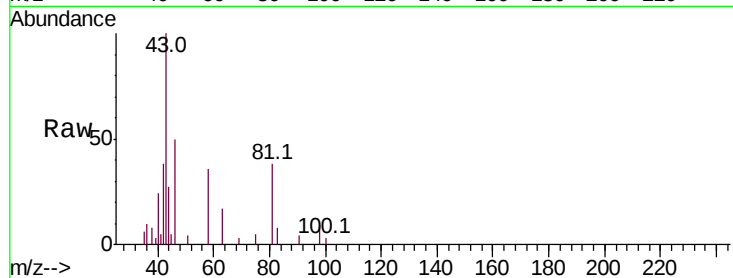
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5563

Ion Ratio Lower Upper

43 100

58 31.6 0.0 77.2



#45

1,1,2-Trichloroethane

Concen: 0.618 ug/L

RT: 8.04 min Scan# 2162

Delta R.T. -0.02 min

Lab File: VU032297.D

Acq: 24 May 2019 08:40

Tgt Ion: 97 Resp: 3576

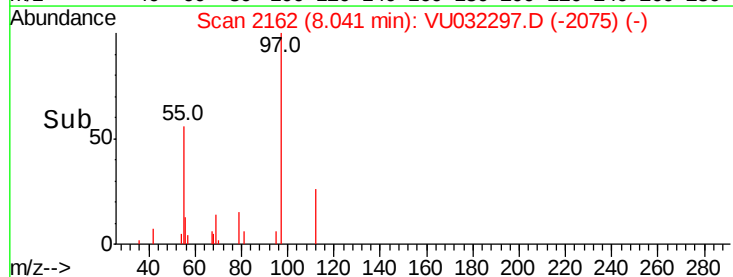
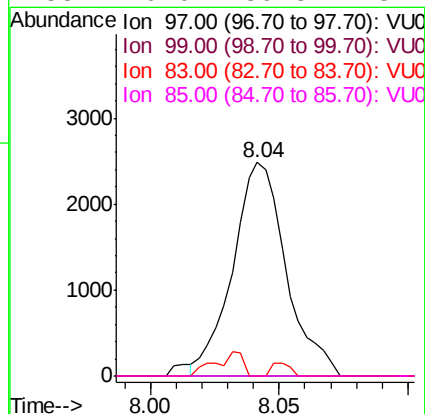
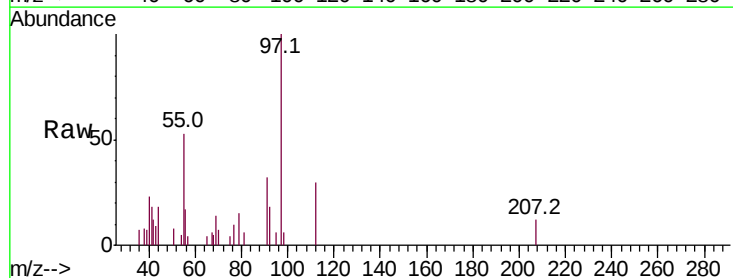
Ion Ratio Lower Upper

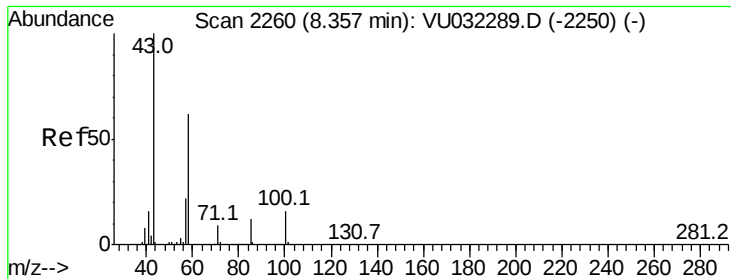
97 100

99 0.0 43.9 81.5#

83 0.0 61.2 113.6#

85 0.0 39.3 73.1#

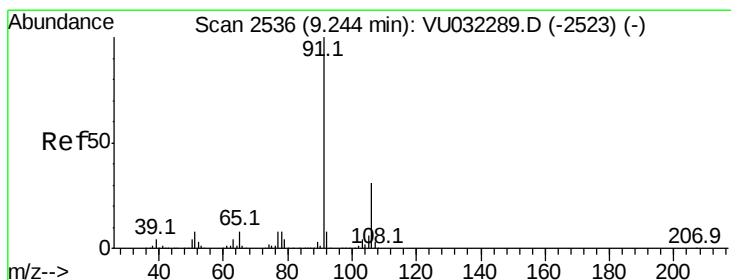
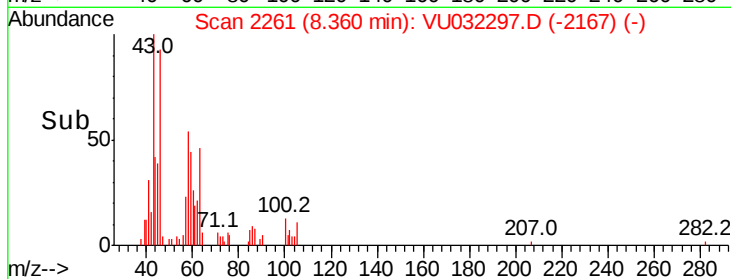
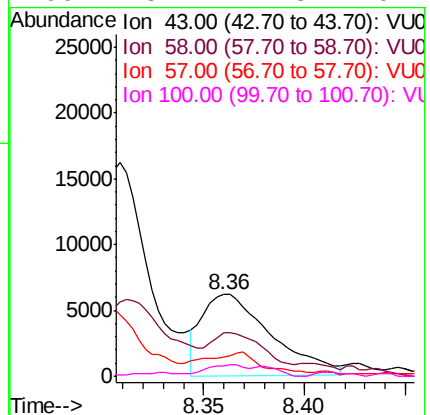
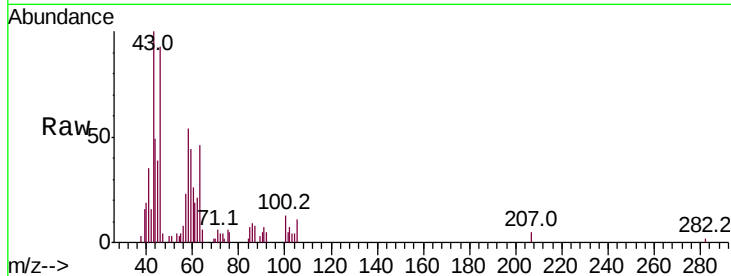




#48
2-Hexanone
Concen: 2.593 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032297.D
Acq: 24 May 2019 08:40

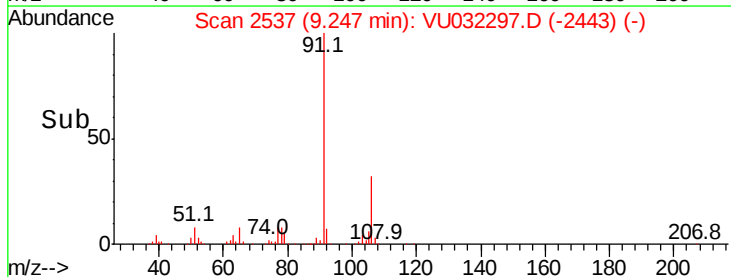
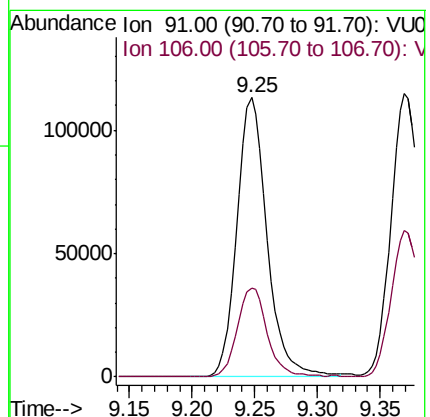
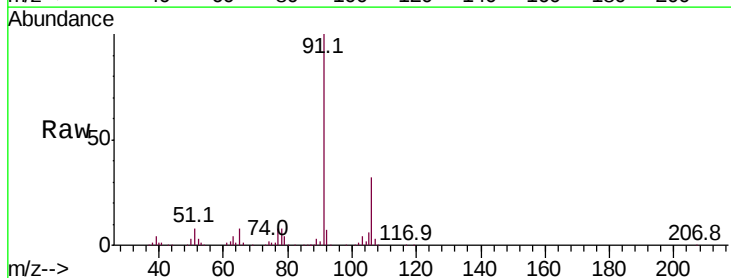
Instrument :
MSVOA_U
ClientSampled :

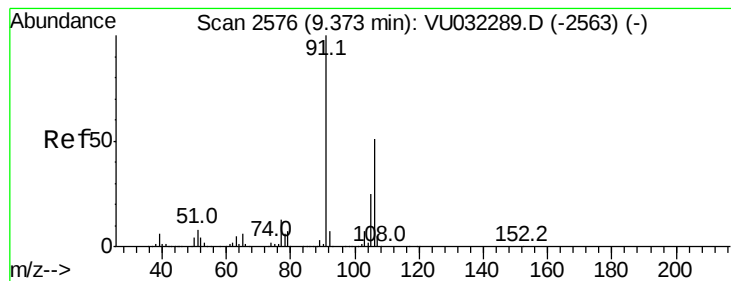
Tot Ion: 43 Resp: 14635
Ion Ratio Lower Upper
43 100
58 29.3 51.4 77.0#
57 0.0 17.8 26.8#
100 8.4 12.8 19.2#



#52
Ethylbenzene
Concen: 8.739 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032297.D
Acq: 24 May 2019 08:40

Tgt Ion: 91 Resp: 188180
Ion Ratio Lower Upper
91 100
106 32.0 22.0 41.0





#53

m,p-Xylene

Concen: 12.651 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032297.D

Acq: 24 May 2019 08:40

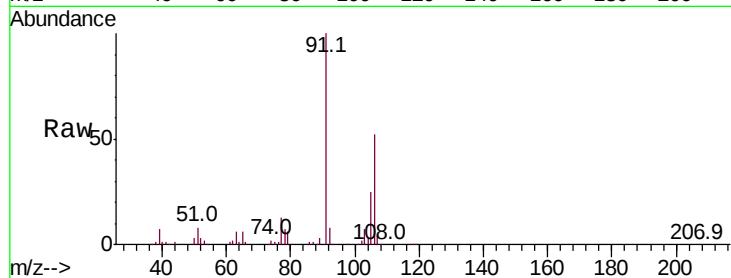
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 105148

Ion Ratio Lower Upper

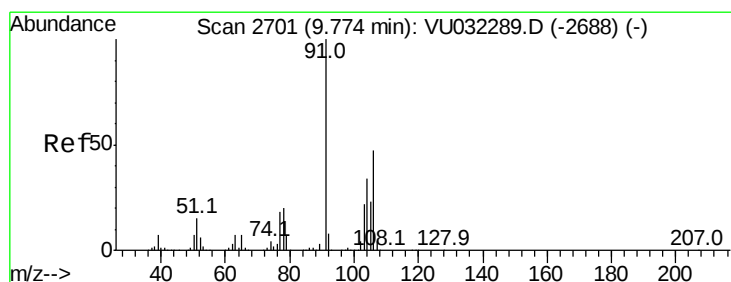
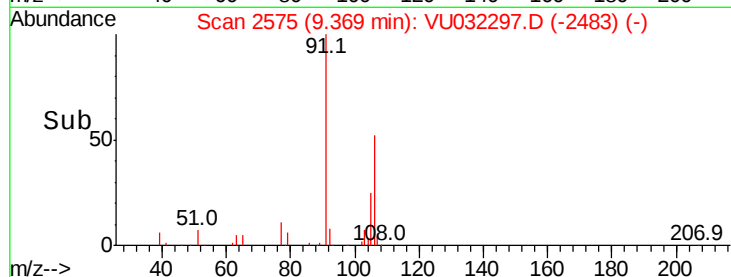
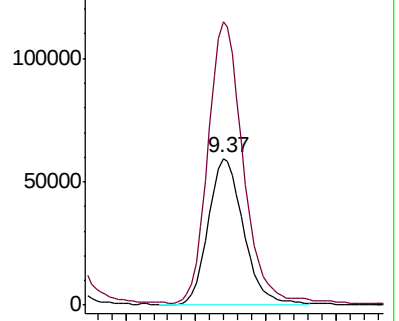
106 100

91 193.0 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.520 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU032297.D

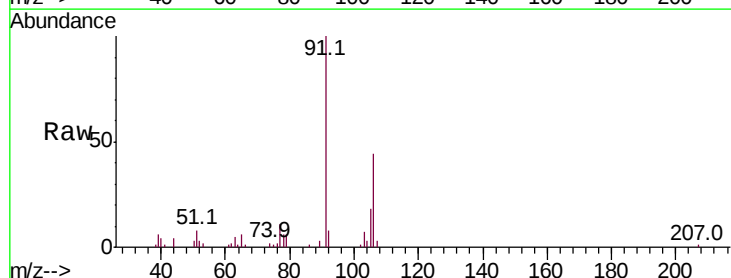
Acq: 24 May 2019 08:40

Tgt Ion:106 Resp: 13176

Ion Ratio Lower Upper

106 100

91 227.9 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

