

Data File : VU032315.D
Acq On : 24 May 2019 17:11
Operator : JC/SP
Sample : K3001-15DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF8DL

Quant Time: May 24 23:37:59 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	758372	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	751451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	324873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209561	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.72%
7) Chloroethane-d5	1.67	69	191558	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.70%
11) 1,1-Dichloroethene-d2	2.27	63	308403	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
21) 2-Butanone-d5	4.17	46	340783	90.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.11%
24) Chloroform-d	4.64	84	455291	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.30	65	287081	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.33	84	941971	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
36) 1,2-Dichloropropane-d6	6.32	67	287323	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.34%
41) Toluene-d8	7.56	98	858494	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.85	79	133325	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.20%
47) 2-Hexanone-d5	8.31	63	240875	94.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	448682	44.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	345599	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

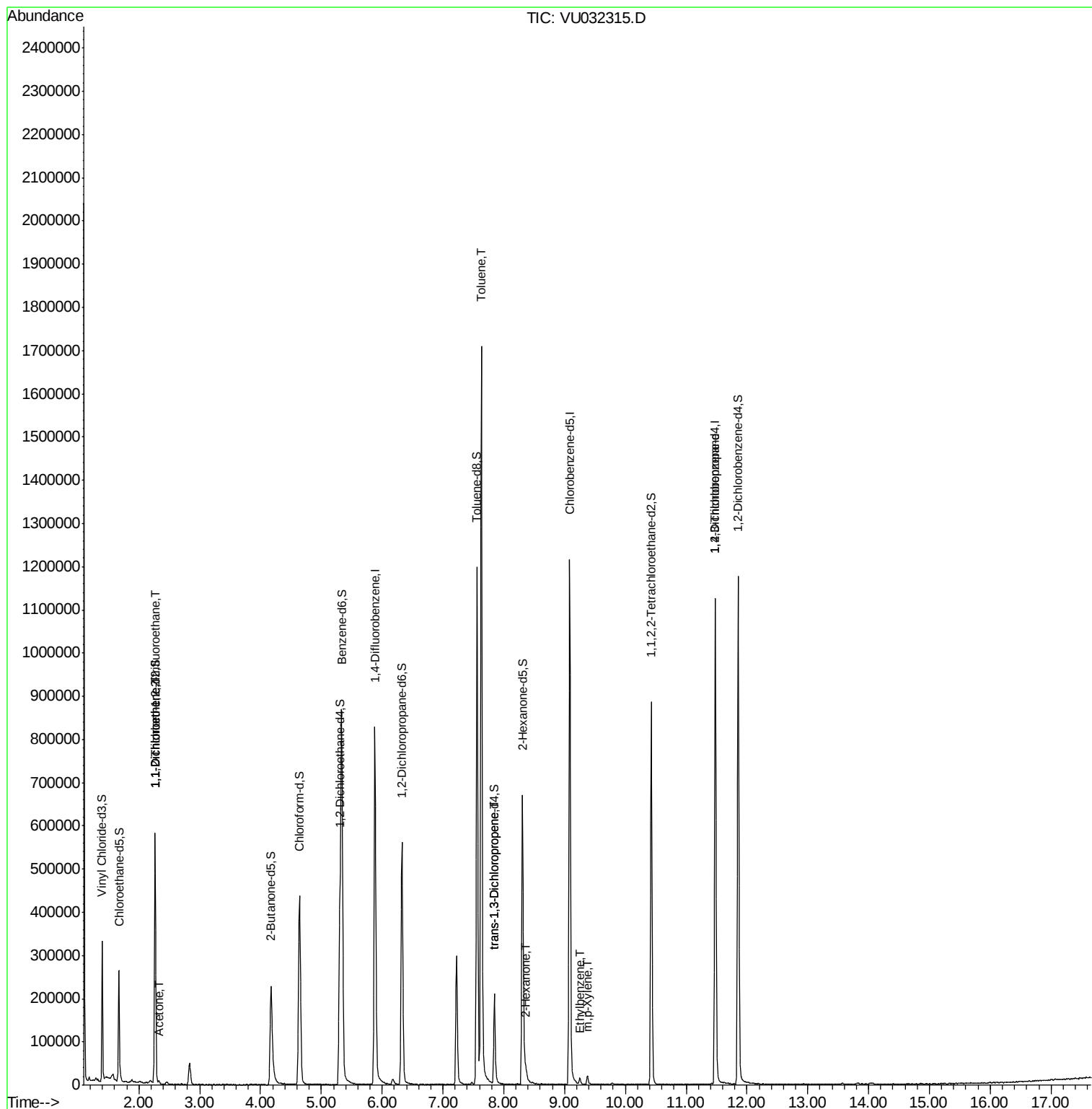
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3323	0.833	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2797	0.629	ug/L #	1
13) Acetone	2.32	43	2383	0.782	ug/L	71
42) Toluene	7.63	91	1338777	59.150	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	5324	0.735	ug/L	90
48) 2-Hexanone	8.36	43	10925	1.812	ug/L #	89
52) Ethylbenzene	9.25	91	10880	0.473	ug/L	94
53) m,p-Xylene	9.38	106	5961	0.671	ug/L	78
59) 1,2,3-Trichloropropane	11.48	75	33121	4.002	ug/L	90

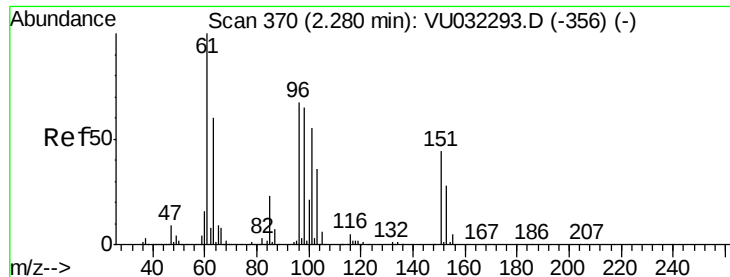
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.833 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Acq: 24 May 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

E3YF8DL

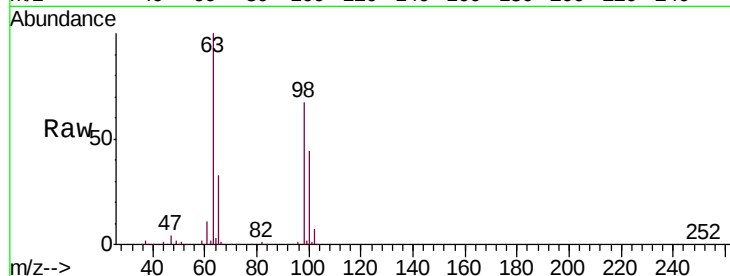
Tgt Ion: 101 Resp: 3323

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

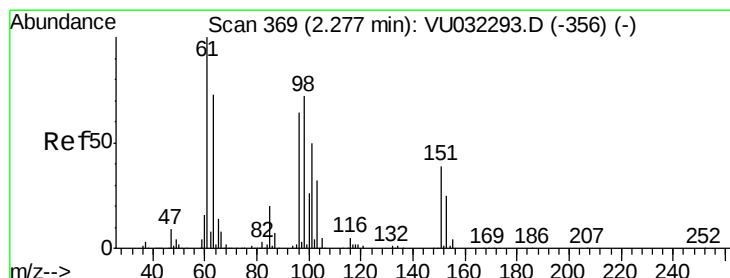
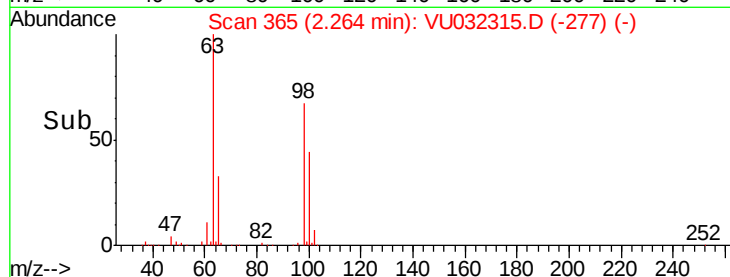
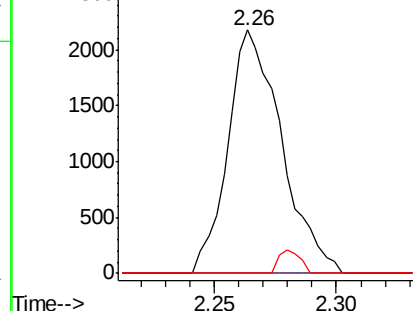
151 3.9 63.5 95.3#



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: 0.629 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032315.D

Acq: 24 May 2019 17:11

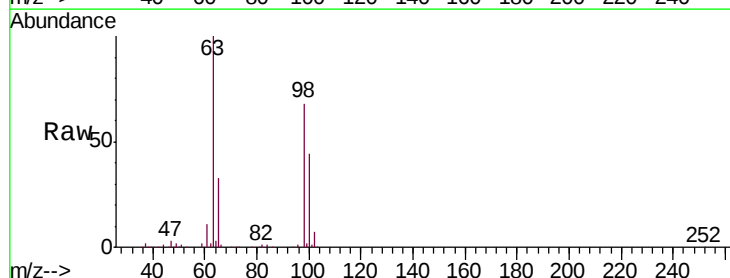
Tgt Ion: 96 Resp: 2797

Ion Ratio Lower Upper

96 100

61 1229.5 108.0 200.6#

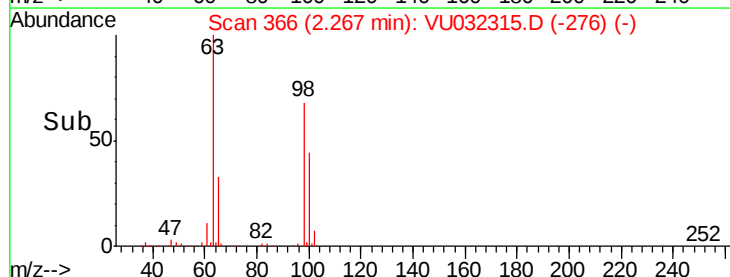
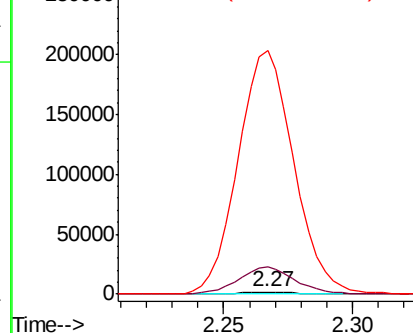
63 11208.8 85.5 158.7#

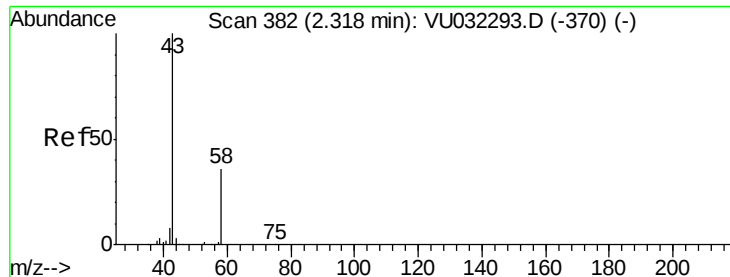


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.782 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032315.D

Acq: 24 May 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

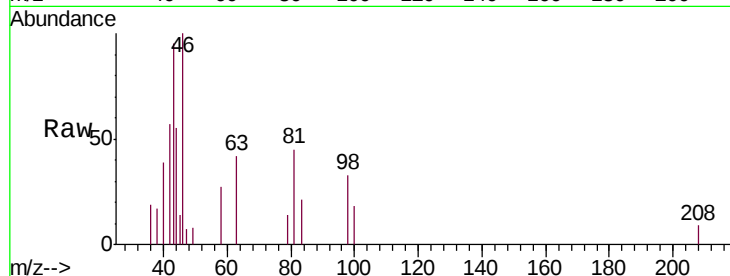
E3YF8DL

Tgt Ion: 43 Resp: 2383

Ion Ratio Lower Upper

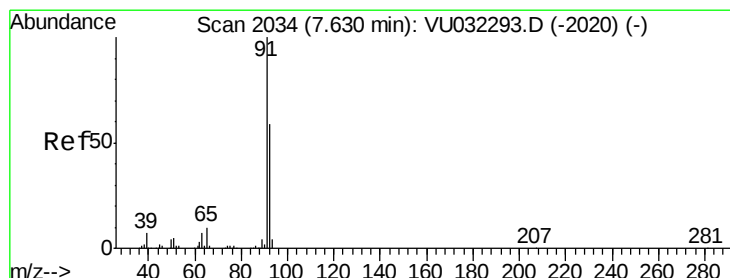
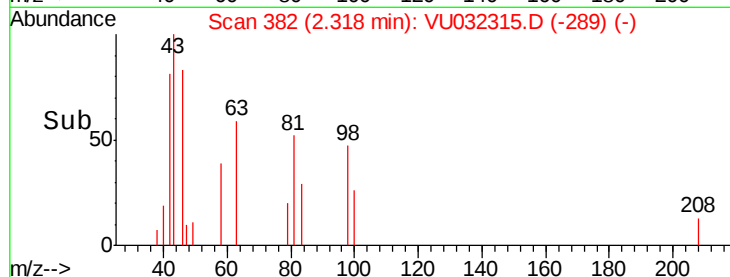
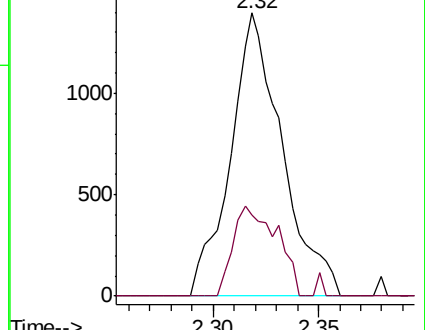
43 100

58 21.0 0.0 77.2



Abundance Ion 43.00 (42.70 to 43.70): VU032293.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032293.D (-370) (-)



#42

Toluene

Concen: 59.150 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032315.D

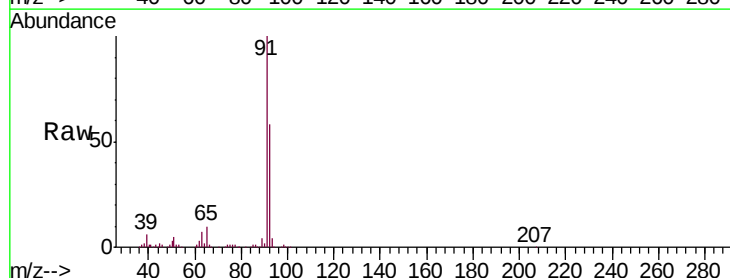
Acq: 24 May 2019 17:11

Tgt Ion: 91 Resp: 1338777

Ion Ratio Lower Upper

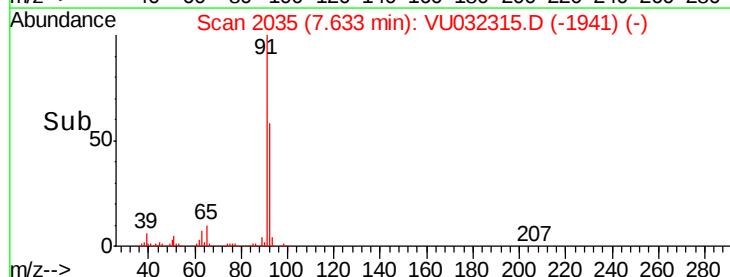
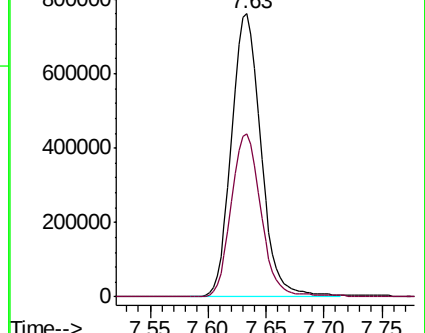
91 100

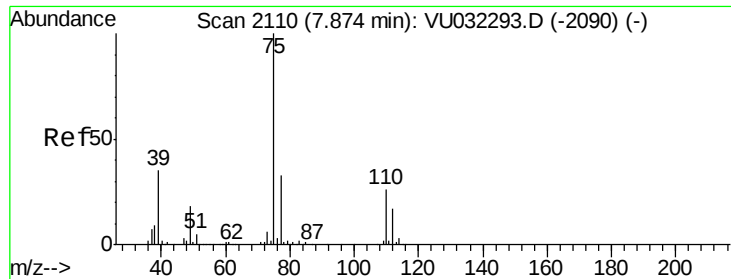
92 57.7 40.3 74.9



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

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

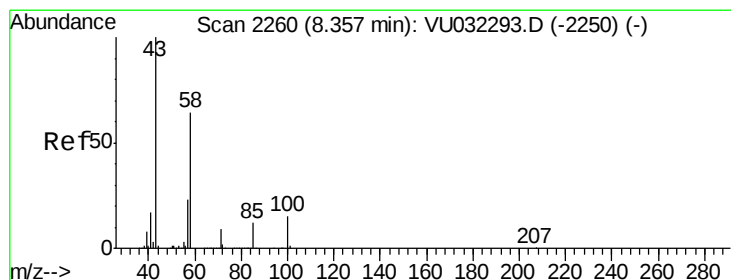
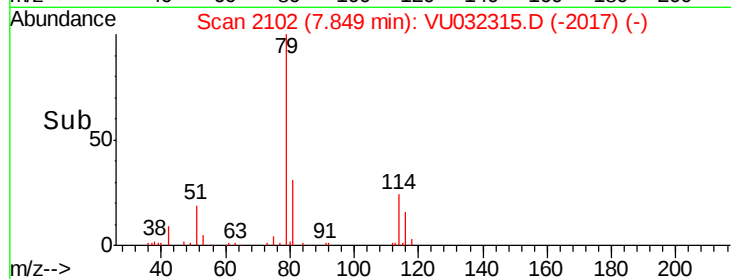
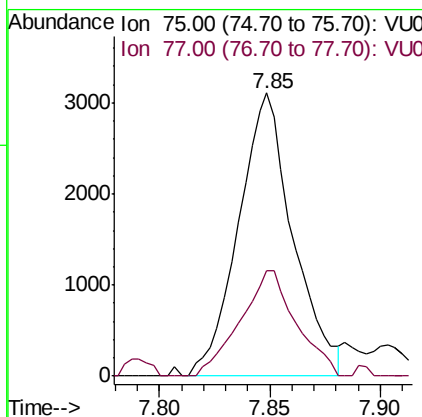
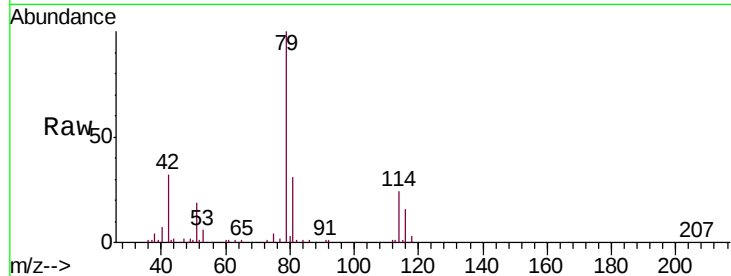




#44
trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032315.D
Acq: 24 May 2019 17:11

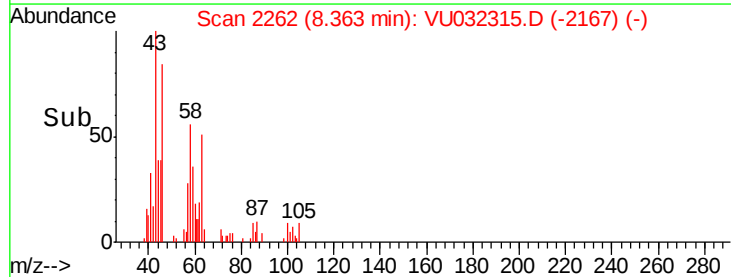
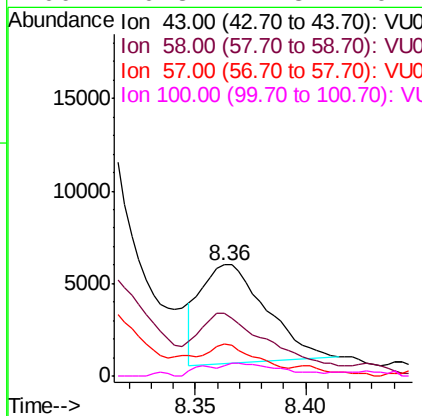
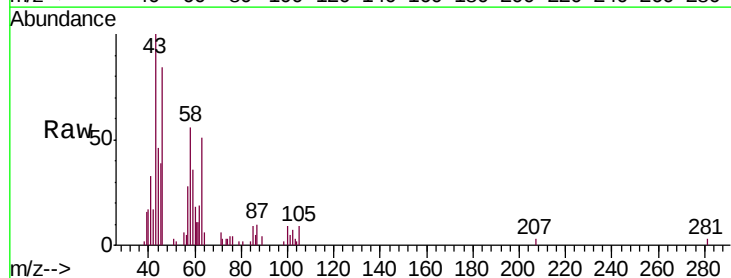
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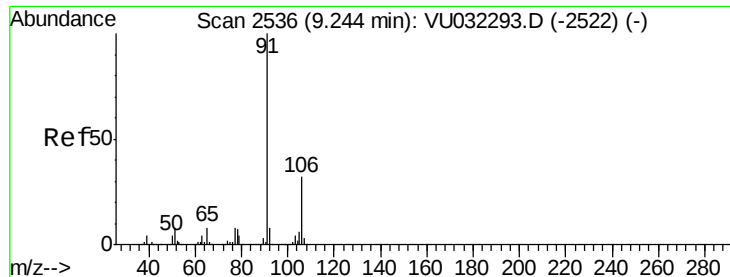
Tgt Ion: 75 Resp: 5324
Ion Ratio Lower Upper
75 100
77 37.5 22.4 41.6



#48
2-Hexanone
Concen: 1.812 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032315.D
Acq: 24 May 2019 17:11

Tgt Ion: 43 Resp: 10925
Ion Ratio Lower Upper
43 100
58 74.9 51.4 77.0
57 22.2 17.8 26.8
100 10.3 12.8 19.2#





#52

Ethylbenzene

Concen: 0.473 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU032315.D

Acq: 24 May 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

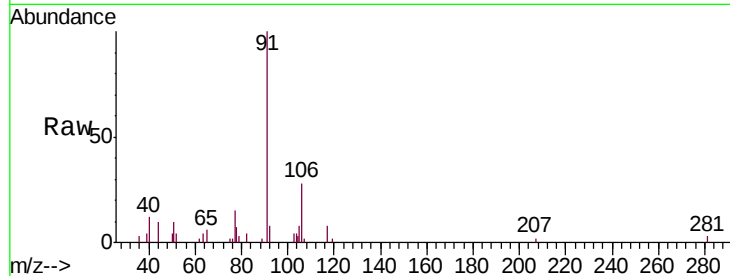
E3YF8DL

Tgt Ion: 91 Resp: 10880

Ion Ratio Lower Upper

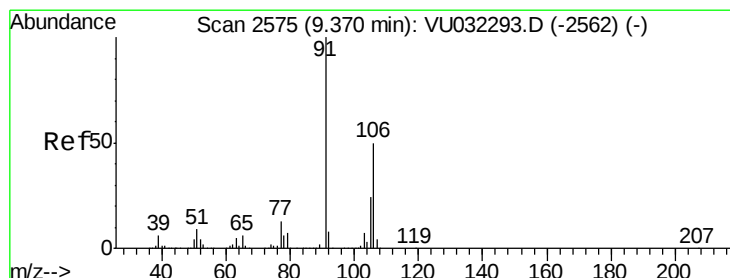
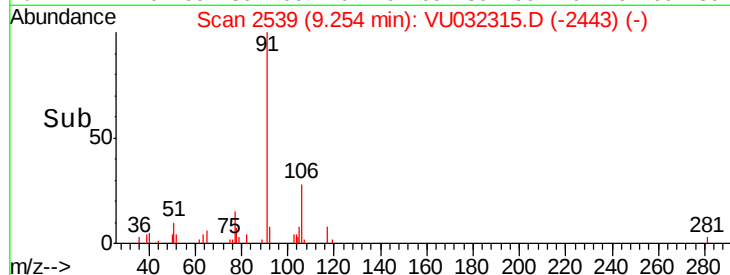
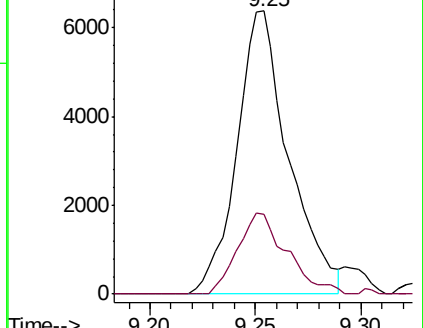
91 100

106 28.0 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VU032293.D (-2522) (-)

Ion 106.00 (105.70 to 106.70): VU032293.D (-2522) (-)



#53

m,p-Xylene

Concen: 0.671 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU032315.D

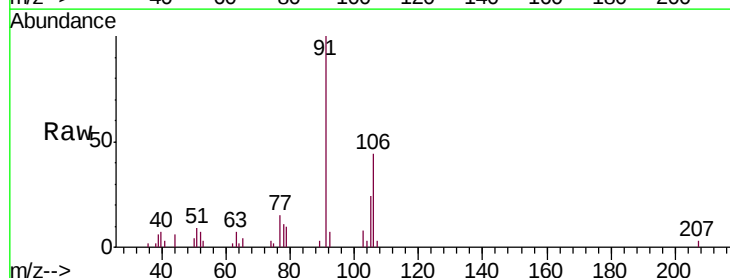
Acq: 24 May 2019 17:11

Tgt Ion: 106 Resp: 5961

Ion Ratio Lower Upper

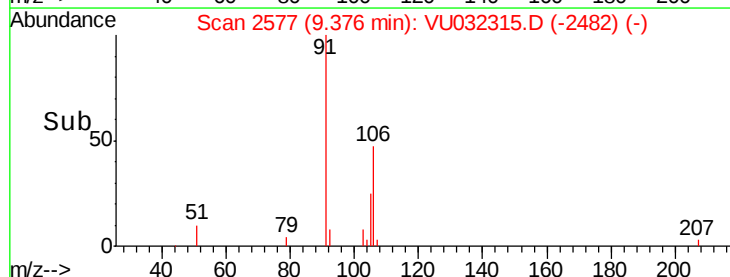
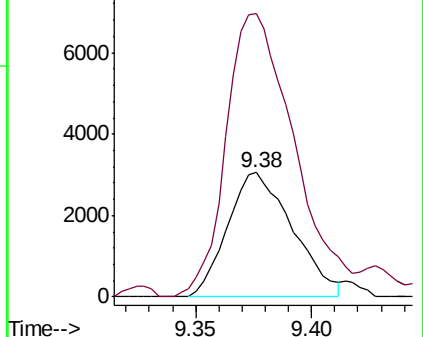
106 100

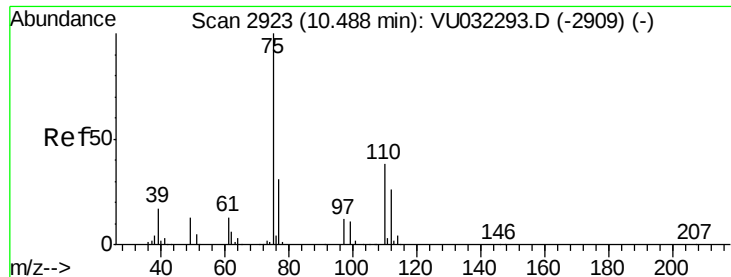
91 227.9 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): VU032293.D (-2562) (-)

Ion 91.00 (90.70 to 91.70): VU032293.D (-2562) (-)





#59

1,2,3-Trichloropropane

Concen: 4.002 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032315.D

Acq: 24 May 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

E3YF8DL

Tgt Ion: 75 Resp: 33121

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5

