

Data File : VU032308.D
Acq On : 24 May 2019 13:03
Operator : JC/SP
Sample : K3001-10 25X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF5

Quant Time: May 24 23:36:42 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	771391	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	356853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211637	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.98%
7) Chloroethane-d5	1.67	69	198106	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	312581	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
21) 2-Butanone-d5	4.17	46	351719	91.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.43%
24) Chloroform-d	4.64	84	455275	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
26) 1,2-Dichloroethane-d4	5.30	65	287356	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
32) Benzene-d6	5.33	84	955304	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.32	67	290490	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.60%
41) Toluene-d8	7.56	98	858476	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	130280	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	231254	87.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	448521	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	364123	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

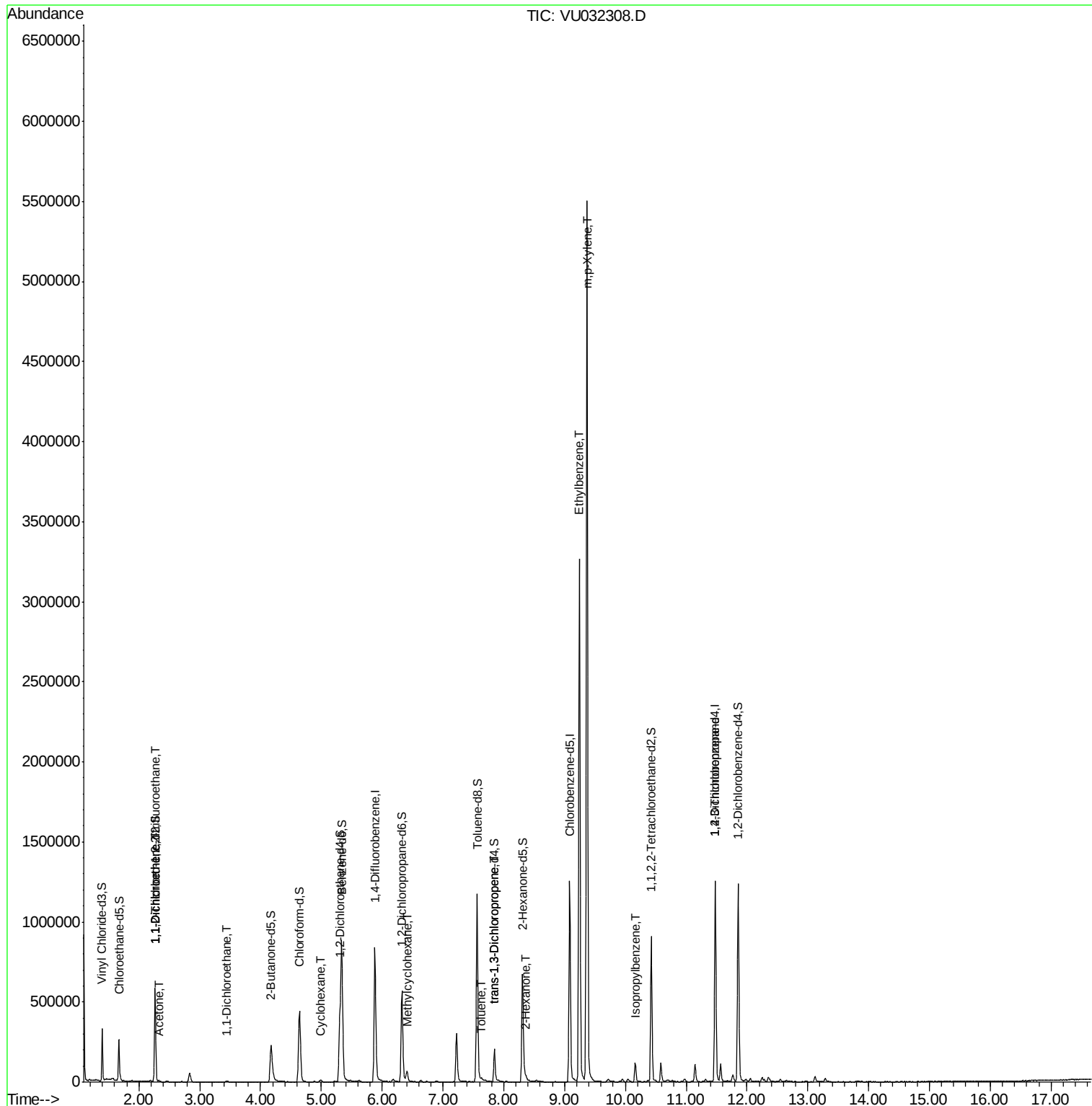
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3145	0.775	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3014	0.667	ug/L #	1
13) Acetone	2.32	43	2986	0.963	ug/L	45
19) 1,1-Dichloroethane	3.44	63	7619	0.801	ug/L #	86
29) Cyclohexane	4.99	56	3716	0.614	ug/L #	70
35) Methylcyclohexane	6.41	83	27175	4.096	ug/L	92
42) Toluene	7.64	91	11469	0.492	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	5354	0.718	ug/L	98
48) 2-Hexanone	8.37	43	10134	1.632	ug/L #	37
52) Ethylbenzene	9.24	91	2366174	99.866	ug/L	100
53) m,p-Xylene	9.37	106	1656162	181.094	ug/L	100
56) Isopropylbenzene	10.16	105	81014	3.637	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	37793	4.434	ug/L	93

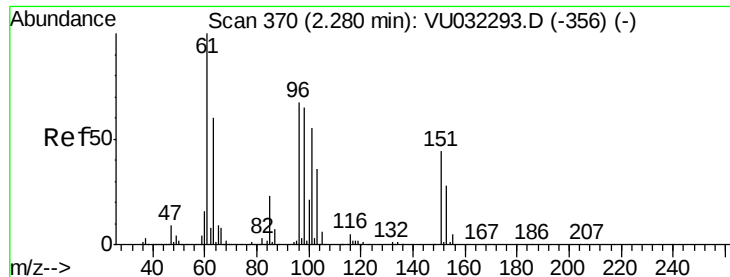
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032308.D
Acq On : 24 May 2019 13:03
Operator : JC/SP
Sample : K3001-10 25X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF5

Quant Time: May 24 23:36:42 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





#10

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

Concen: 0.775 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampled :

E3YF5

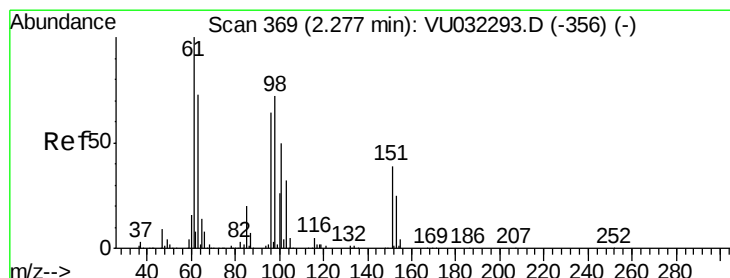
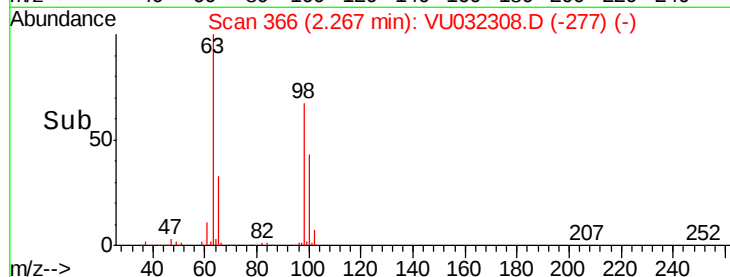
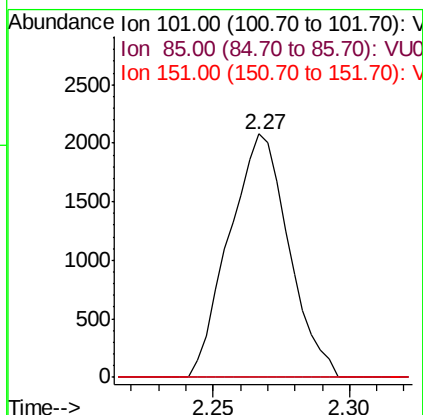
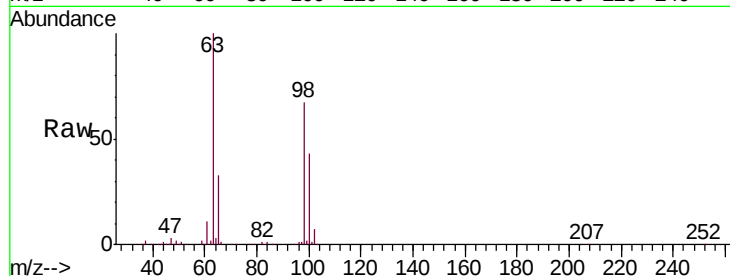
Tgt Ion: 101 Resp: 3145

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 0.667 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

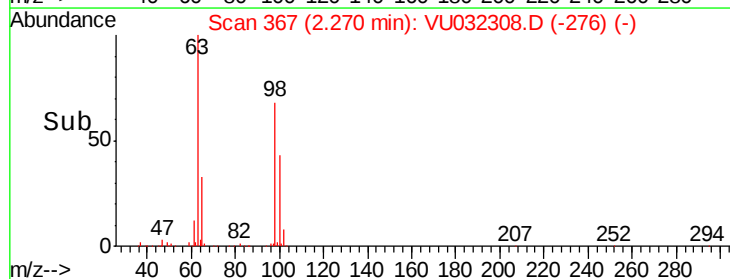
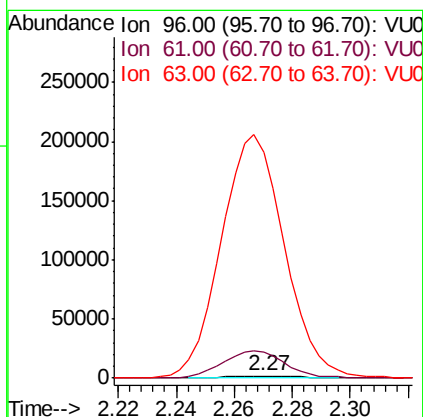
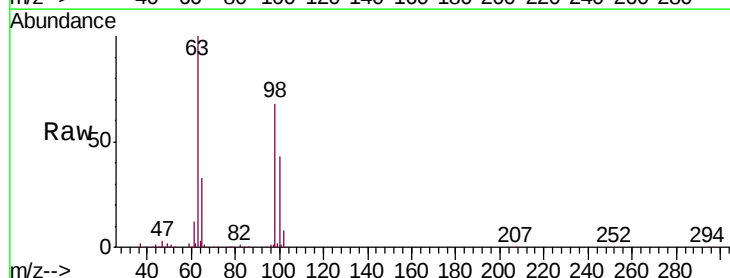
Tgt Ion: 96 Resp: 3014

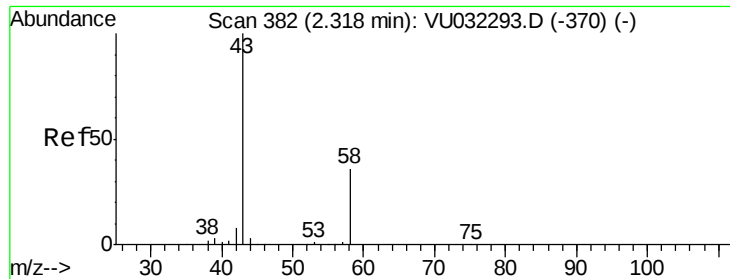
Ion Ratio Lower Upper

96 100

61 1113.2 108.0 200.6#

63 9638.7 85.5 158.7#





#13

Acetone

Concen: 0.963 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

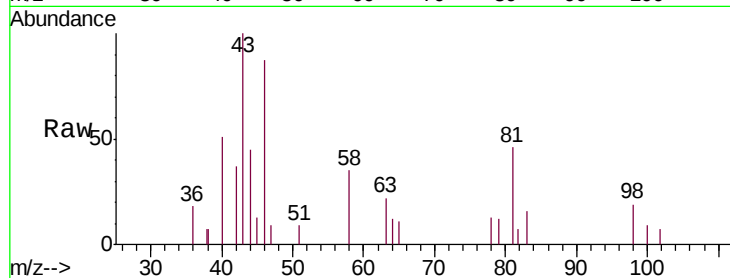
E3YF5

Tgt Ion: 43 Resp: 2986

Ion Ratio Lower Upper

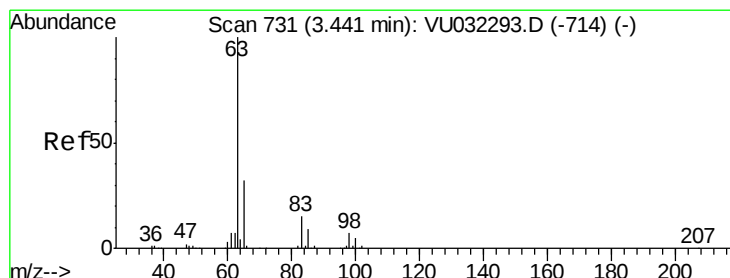
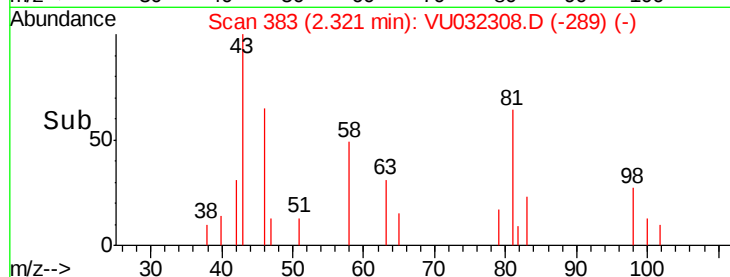
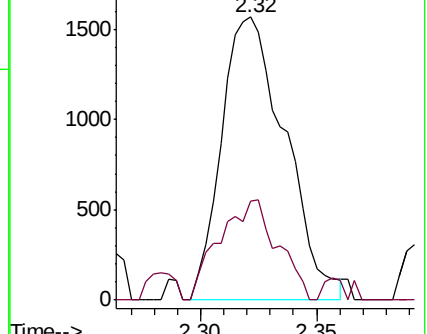
43 100

58 5.0 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) (-)



#19

1,1-Dichloroethane

Concen: 0.801 ug/L

RT: 3.44 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

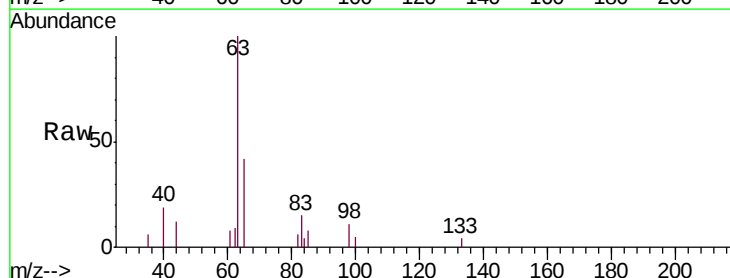
Tgt Ion: 63 Resp: 7619

Ion Ratio Lower Upper

63 100

65 41.7 21.6 40.0#

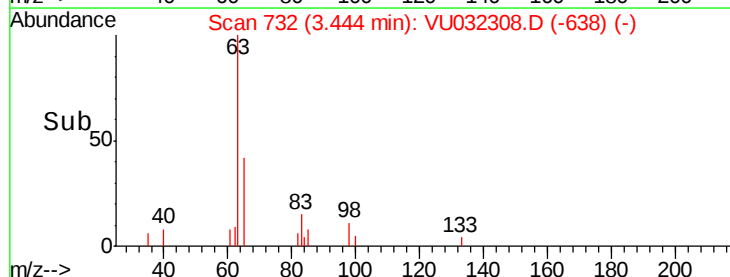
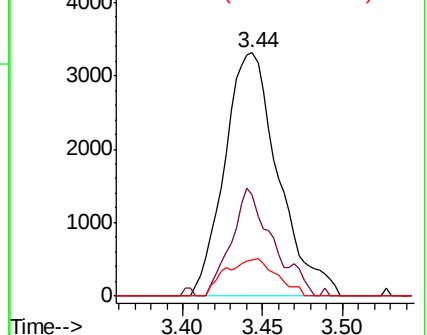
83 14.9 10.3 19.1

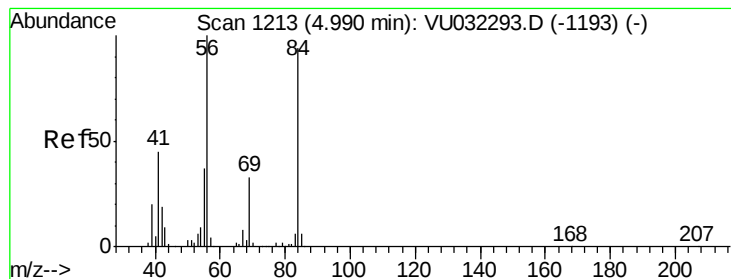


Abundance Ion 63.00 (62.70 to 63.70): VU032293.D (-714) (-)

Ion 65.00 (64.70 to 65.70): VU032293.D (-714) (-)

Ion 83.00 (82.70 to 83.70): VU032293.D (-714) (-)





#29

Cyclohexane

Concen: 0.614 ug/L

RT: 4.99 min Scan# 1214

Delta R.T. 0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampled :

E3YF5

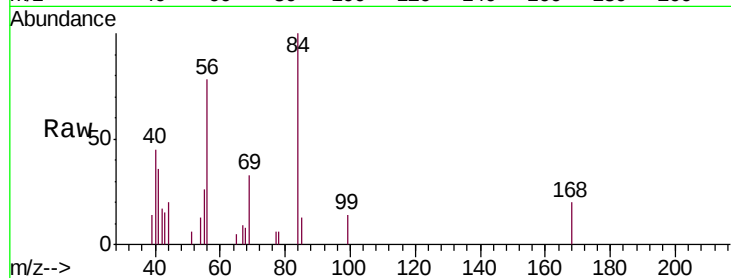
Tgt Ion: 56 Resp: 3716

Ion Ratio Lower Upper

56 100

69 35.5 26.6 40.0

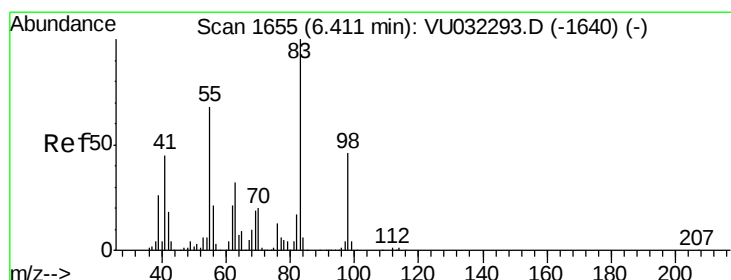
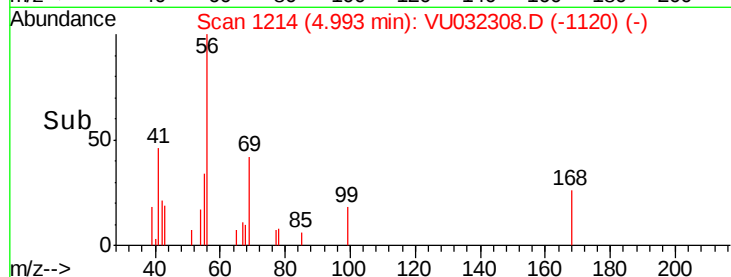
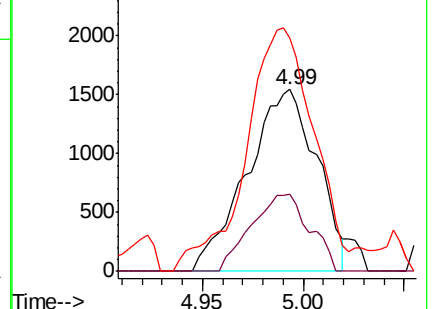
84 129.7 73.8 110.8#



Abundance Ion 56.00 (55.70 to 56.70): VU032308.D (-1193) (-)

Ion 69.00 (68.70 to 69.70): VU032308.D (-1193) (-)

Ion 84.00 (83.70 to 84.70): VU032308.D (-1193) (-)



#35

Methylcyclohexane

Concen: 4.096 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

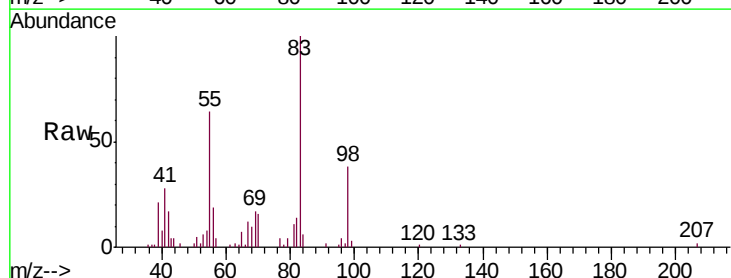
Tgt Ion: 83 Resp: 27175

Ion Ratio Lower Upper

83 100

55 79.1 56.1 84.1

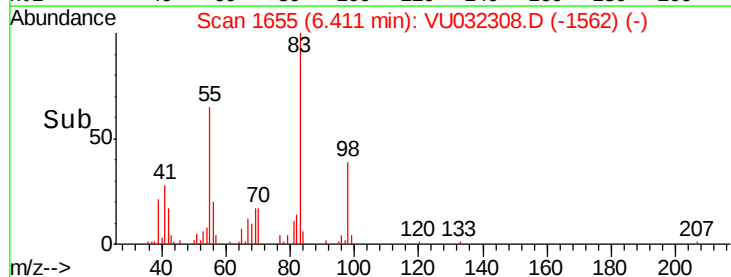
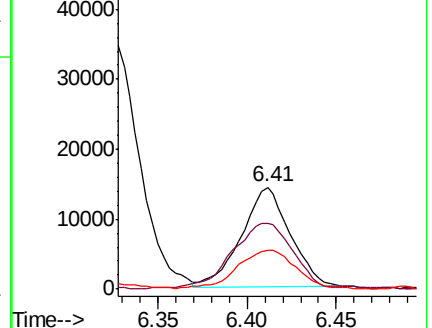
98 44.2 36.8 55.2

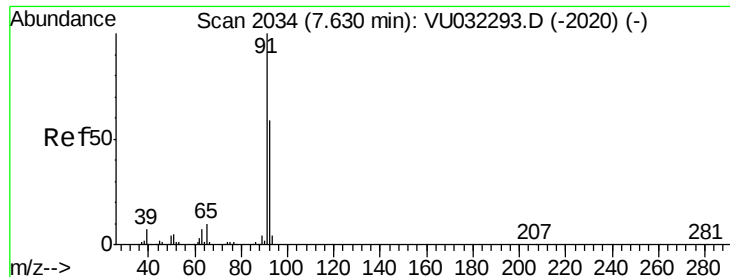


Abundance Ion 83.00 (82.70 to 83.70): VU032308.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032308.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032308.D (-1640) (-)





#42

Toluene

Concen: 0.492 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

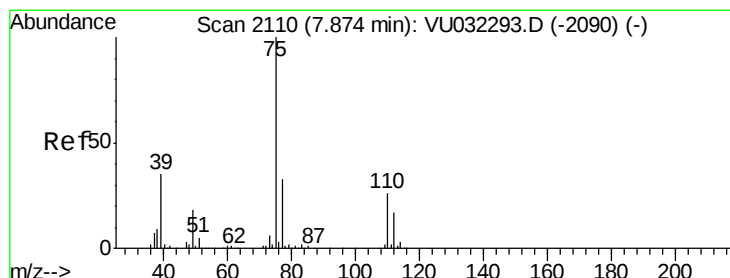
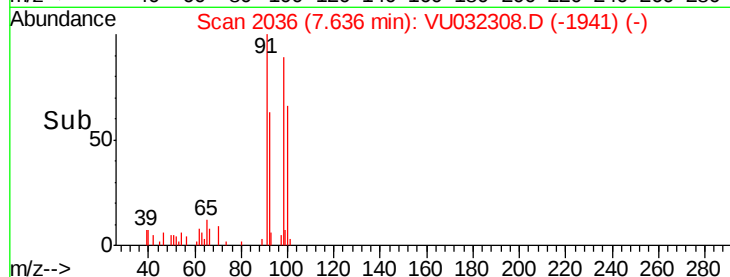
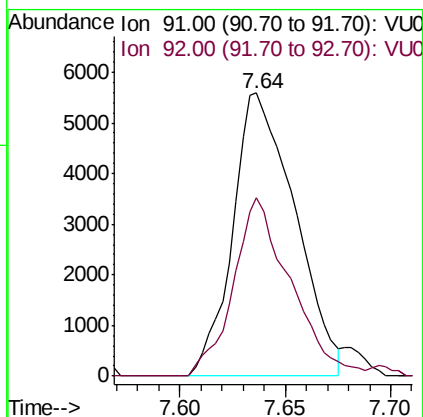
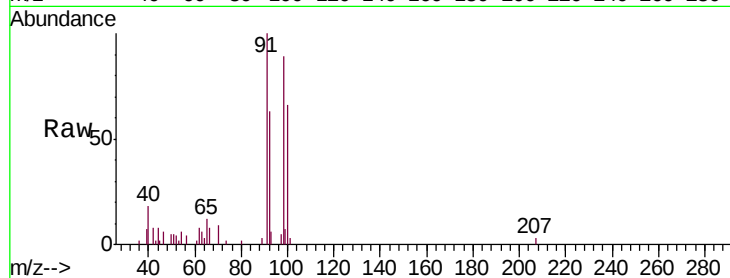
E3YF5

Tgt Ion: 91 Resp: 11469

Ion Ratio Lower Upper

91 100

92 63.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032308.D

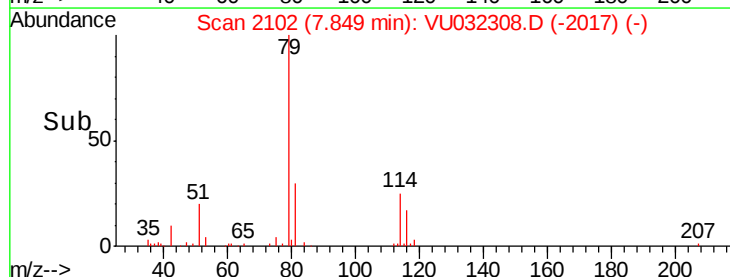
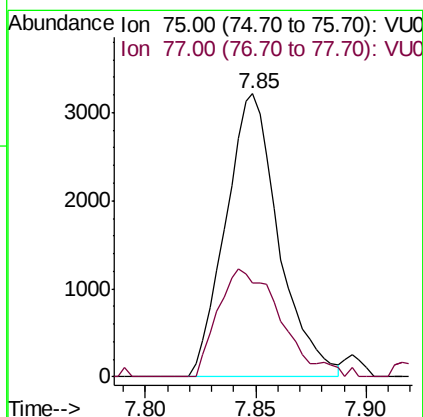
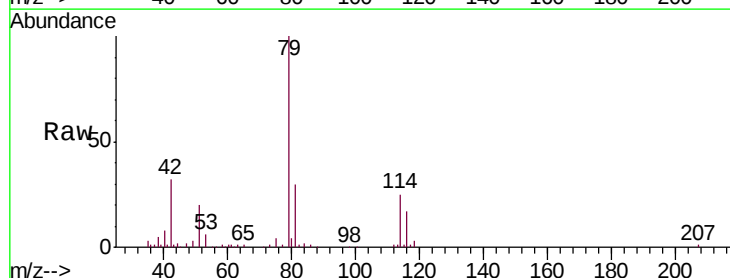
Acq: 24 May 2019 13:03

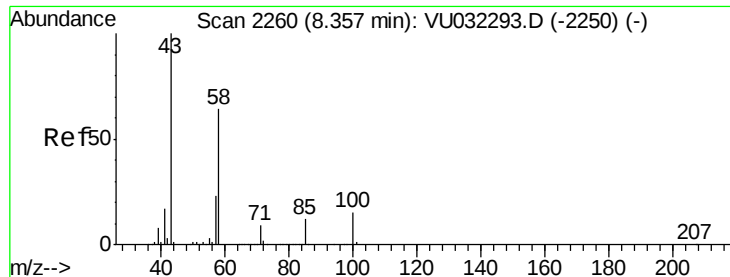
Tgt Ion: 75 Resp: 5354

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6

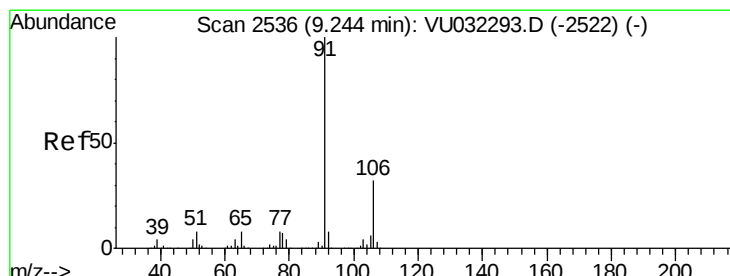
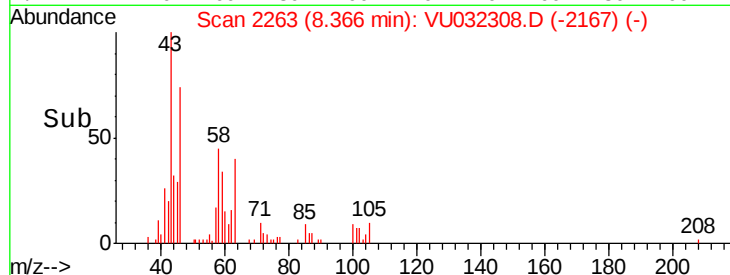
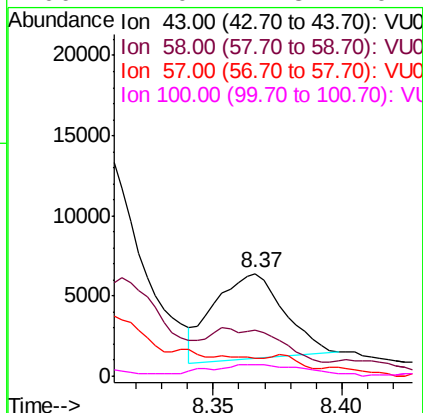
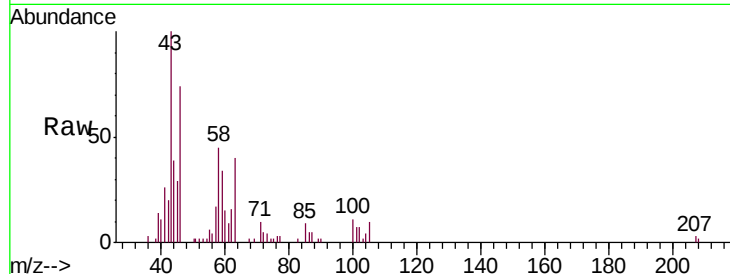




#48
2-Hexanone
Concen: 1.632 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

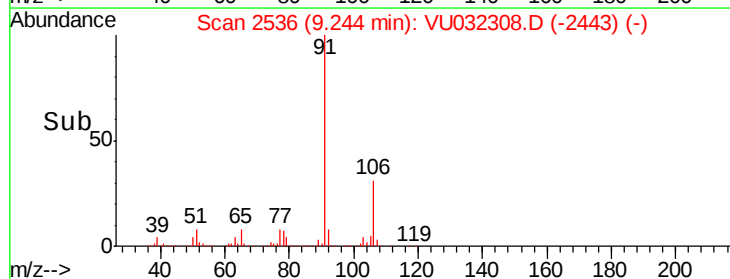
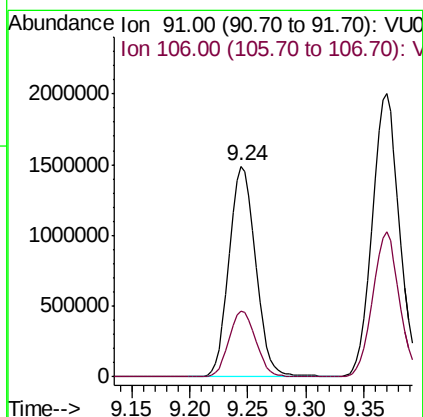
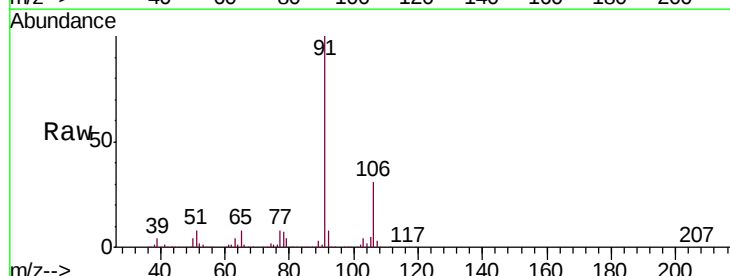
Instrument :
MSVOA_U
ClientSampleId :
E3YF5

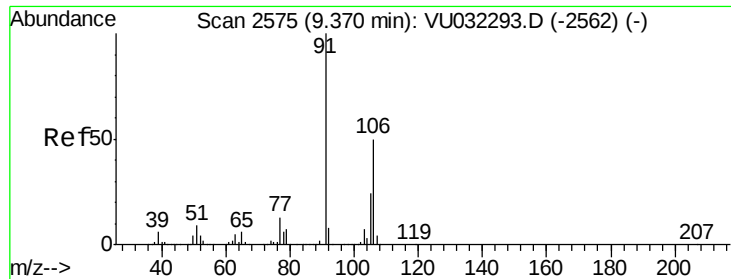
Tgt Ion: 43 Resp: 10134
Ion Ratio Lower Upper
43 100
58 0.0 51.4 77.0#
57 5.8 17.8 26.8#
100 4.0 12.8 19.2#



#52
Ethylbenzene
Concen: 99.866 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Tgt Ion: 91 Resp: 2366174
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0





#53

m,p-Xylene

Concen: 181.094 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

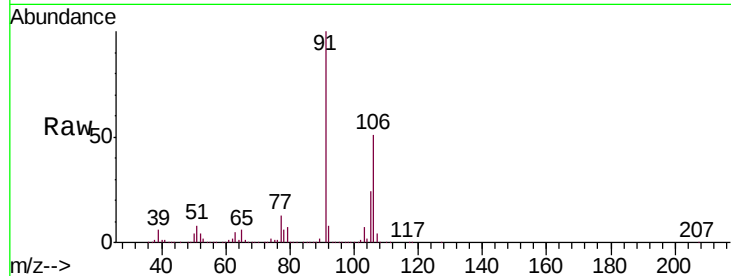
E3YF5

Tgt Ion:106 Resp: 1656162

Ion Ratio Lower Upper

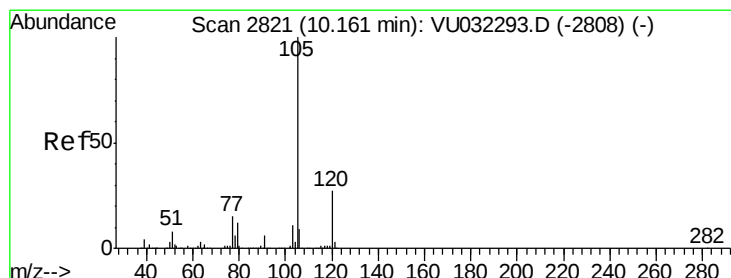
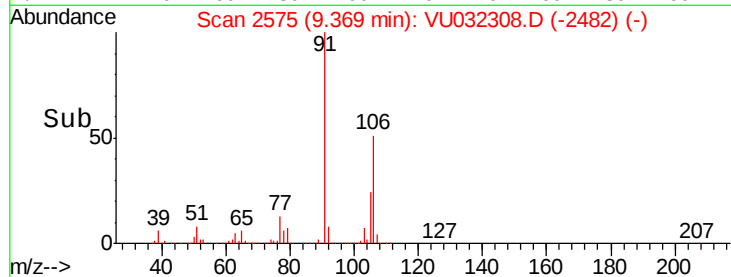
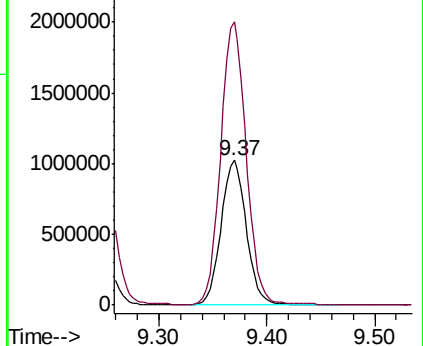
106 100

91 195.6 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 3.637 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

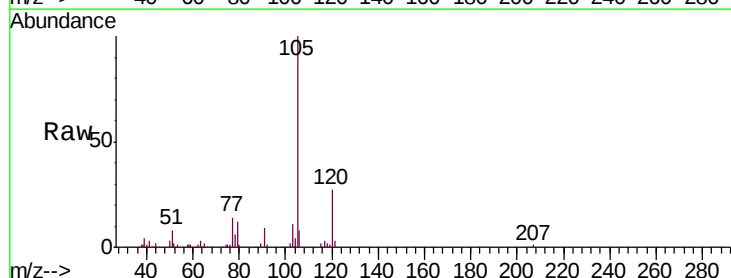
Tgt Ion:105 Resp: 81014

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

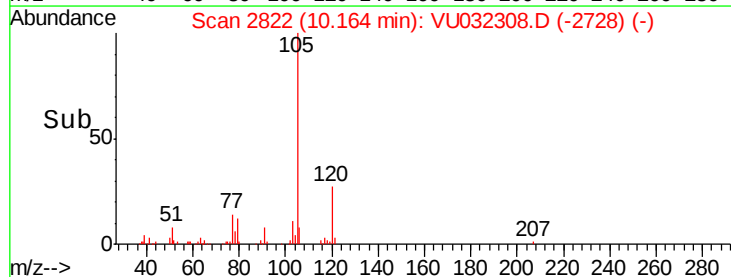
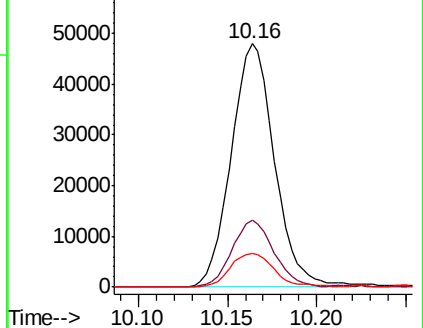
77 14.2 11.8 17.6

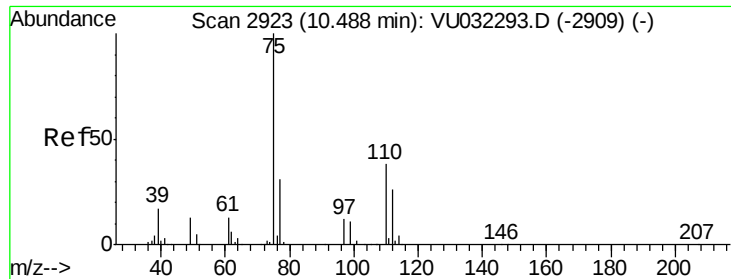


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.434 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032308.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

E3YF5

Tgt Ion: 75 Resp: 37793

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5

