

Data File : VU032590.D
Acq On : 11 Jun 2019 01:00
Operator : JC/SP
Sample : K3278-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8D1

Quant Time: Jun 11 05:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	178527	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84239	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56548	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.64%
7) Chloroethane-d5	1.68	69	46720	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.27	63	86372	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
21) 2-Butanone-d5	4.17	46	102009	105.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.64	84	109009	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	5.30	65	71421	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
32) Benzene-d6	5.33	84	227325	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
36) 1,2-Dichloropropane-d6	6.32	67	71631	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.56	98	209757	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.85	79	31016	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.31	63	62733	95.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100115	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	85963	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

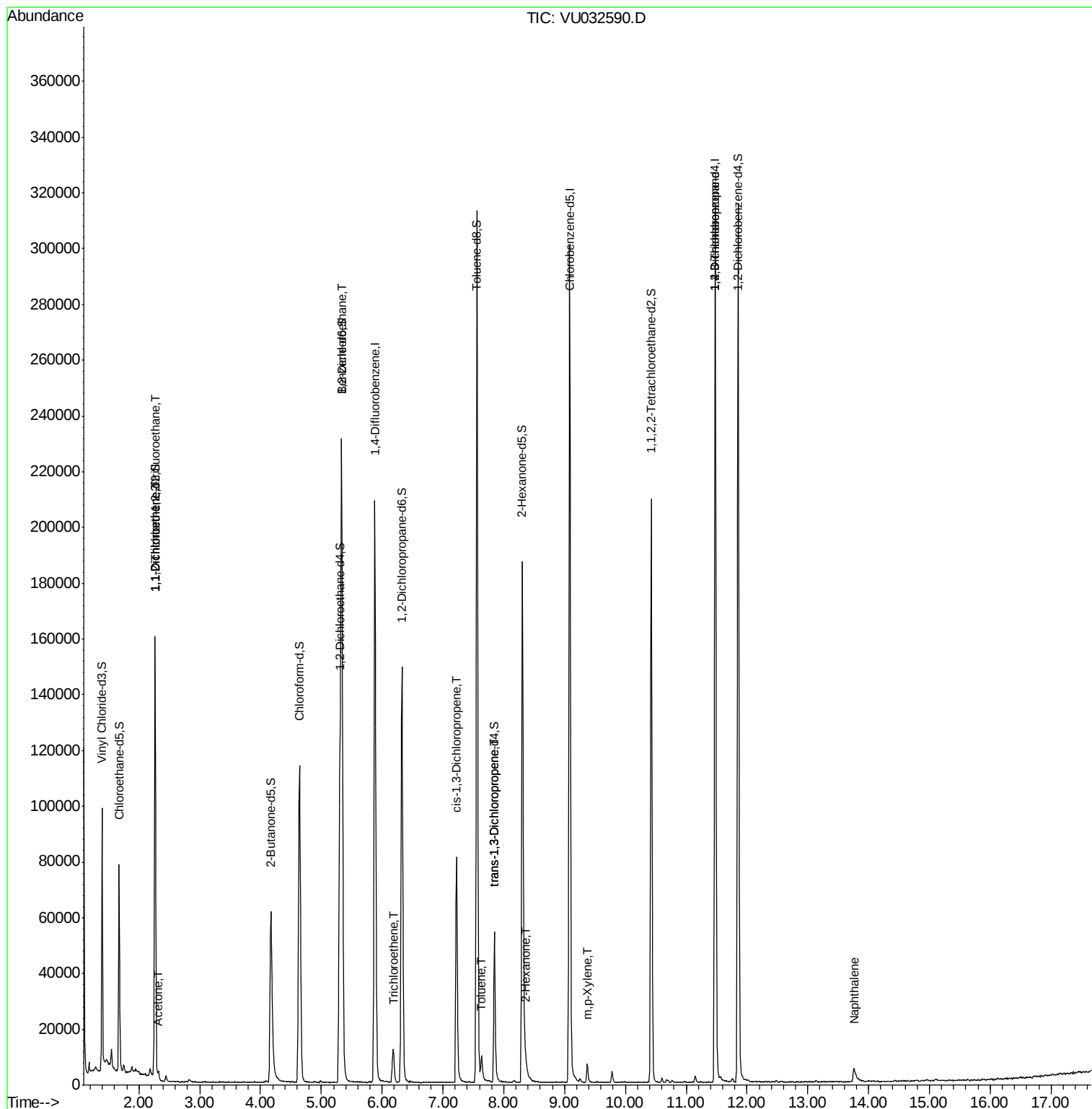
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	730	0.669 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	643	0.607 ug/L #	1
13) Acetone	2.32	43	3151	3.151 ug/L	88
27) 1,2-Dichloroethane	5.34	62	1232	0.722 ug/L #	75
34) Trichloroethene	6.19	95	3224	2.528 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	2102	1.072 ug/L #	58
42) Toluene	7.64	91	7154	1.394 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	1433	0.824 ug/L	87
48) 2-Hexanone	8.36	43	3465	2.111 ug/L #	49
53) m,p-Xylene	9.38	106	2175	1.000 ug/L	81
59) 1,2,3-Trichloropropane	11.48	75	10206	6.319 ug/L	89
69) Naphthalene	13.76	128	7130	1.346 ug/L #	88

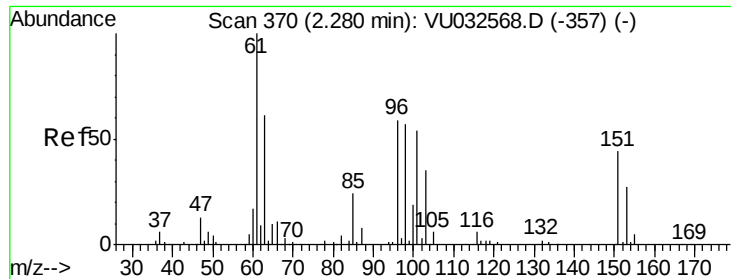
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.669 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032590.D

Acq: 11 Jun 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

DB8D1

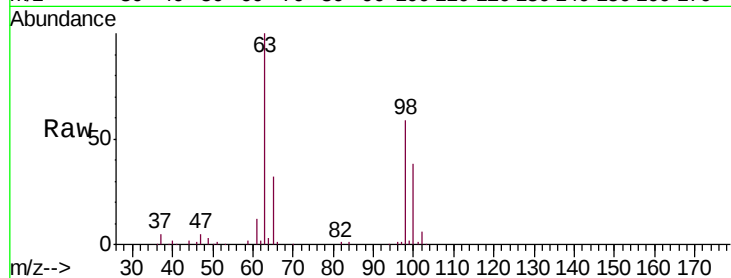
Tgt Ion:101 Resp: 730

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

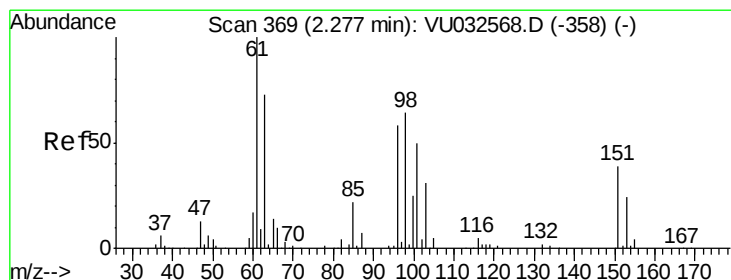
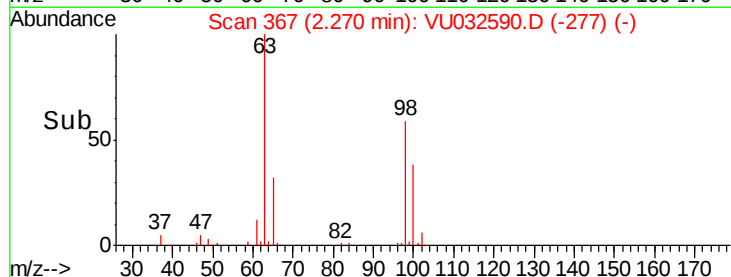
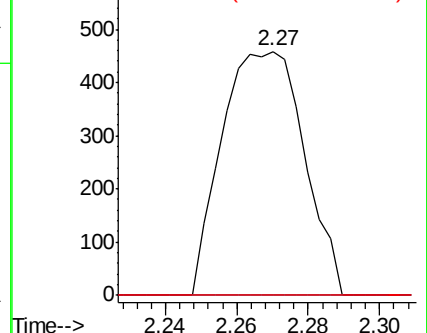
151 0.0 63.0 94.4#



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: 0.607 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032590.D

Acq: 11 Jun 2019 01:00

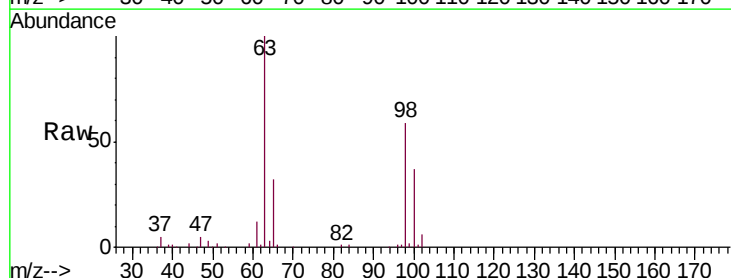
Tgt Ion: 96 Resp: 643

Ion Ratio Lower Upper

96 100

61 1364.7 129.5 240.5#

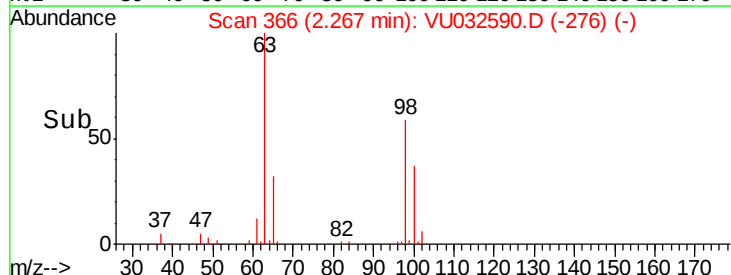
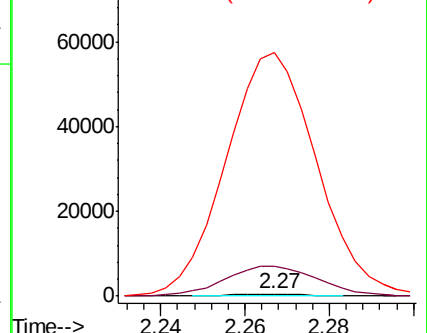
63 10961.8 103.4 192.0#

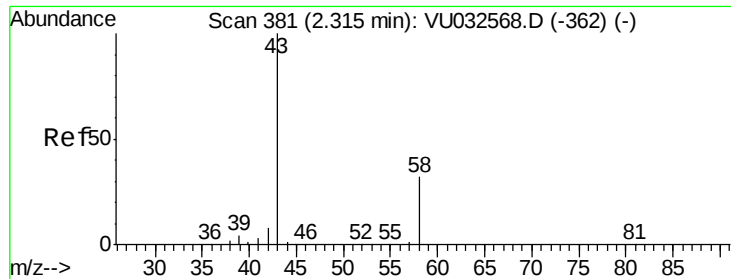


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.151 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032590.D

Acq: 11 Jun 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

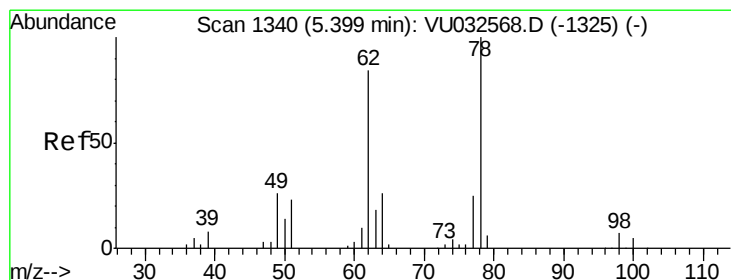
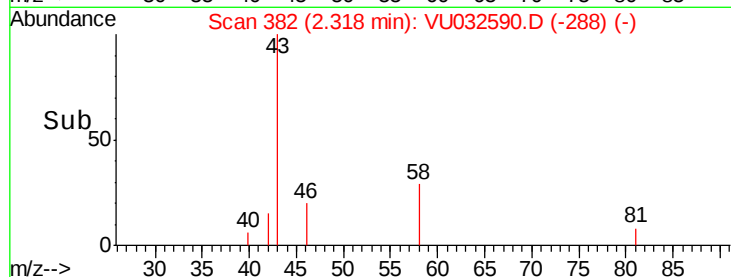
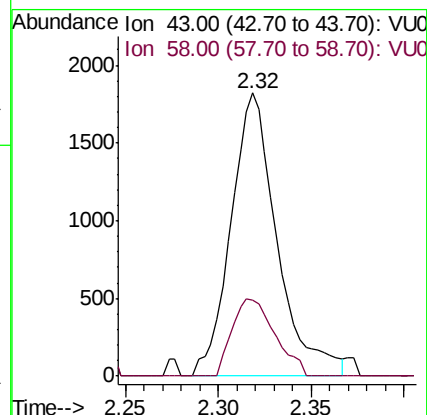
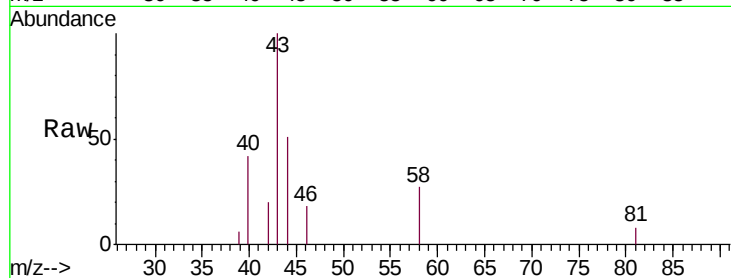
DB8D1

Tgt Ion: 43 Resp: 3151

Ion Ratio Lower Upper

43 100

58 25.3 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.722 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032590.D

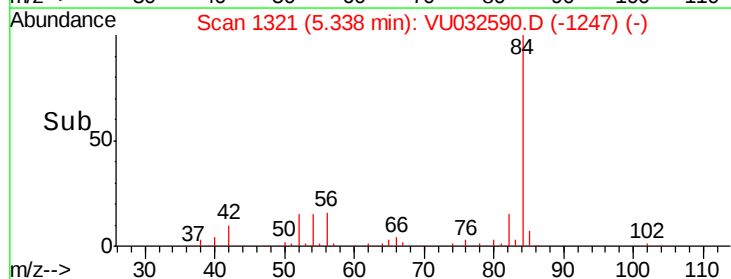
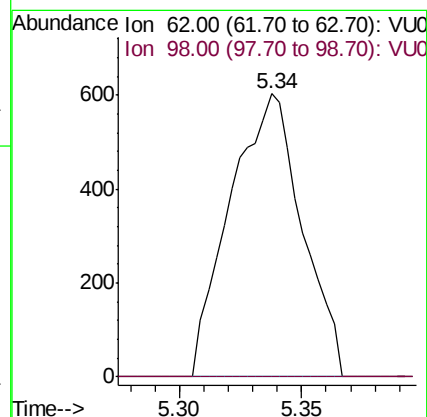
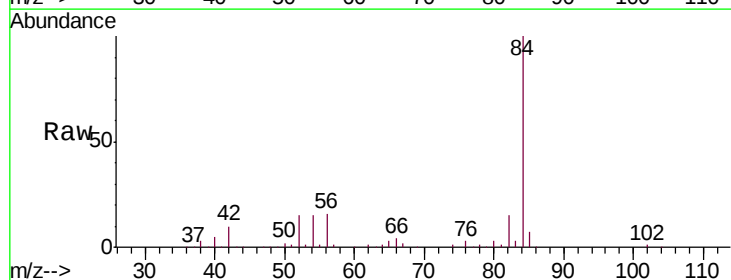
Acq: 11 Jun 2019 01:00

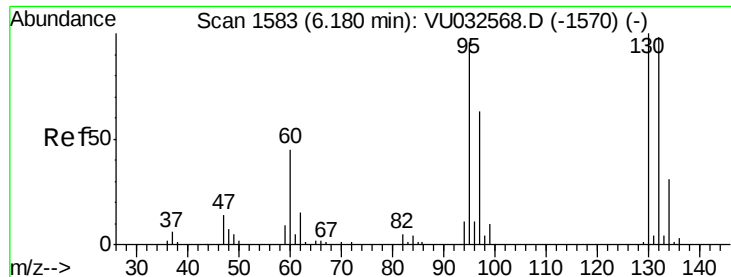
Tgt Ion: 62 Resp: 1232

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

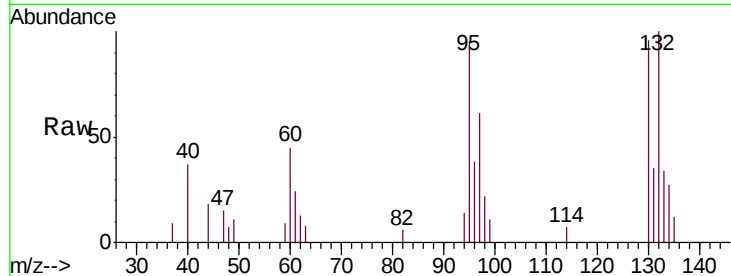




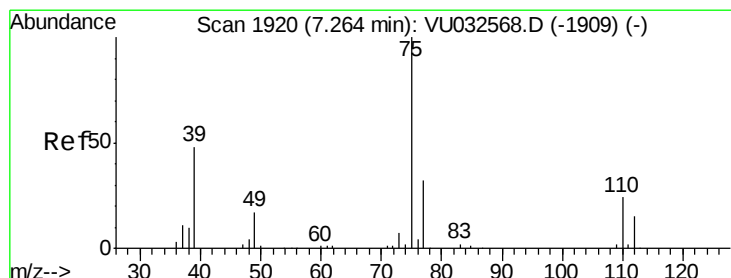
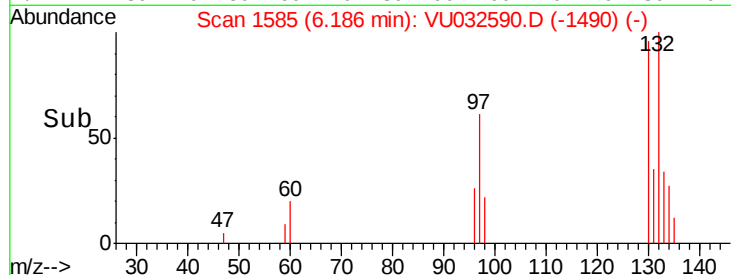
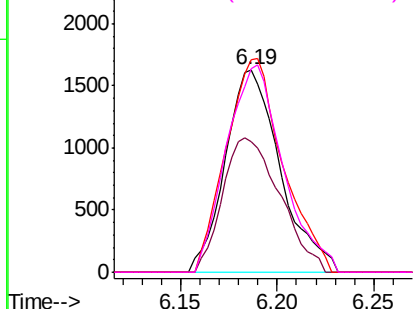
#34
 Trichloroethene
 Concen: 2.528 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032590.D
 Acq: 11 Jun 2019 01:00

Instrument :
 MSVOA_U
 ClientSampled :
 DB8D1

Tgt Ion: 95 Resp: 3224
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.8 85.2
 132 104.8 71.0 131.8
 130 100.6 73.4 136.2

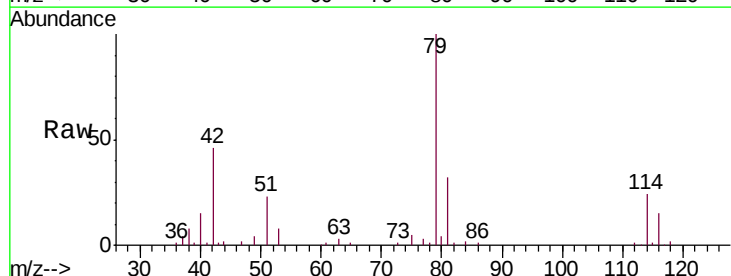


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

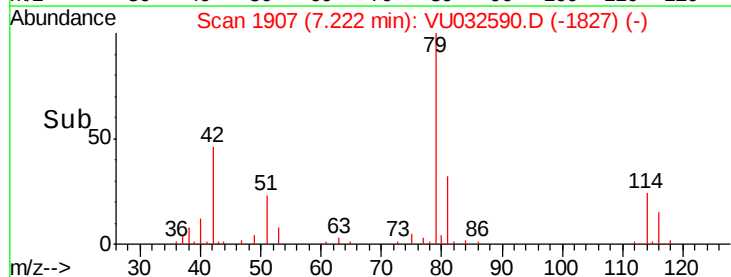
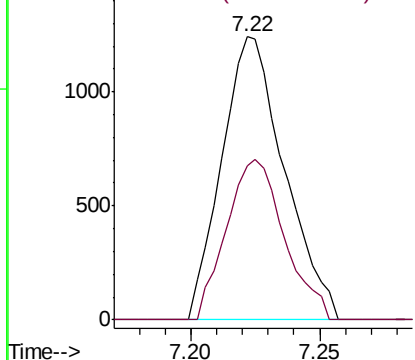


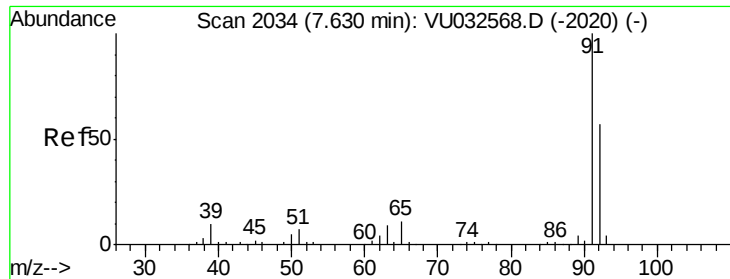
#39
 cis-1,3-Dichloropropene
 Concen: 1.072 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032590.D
 Acq: 11 Jun 2019 01:00

Tgt Ion: 75 Resp: 2102
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#42

Toluene

Concen: 1.394 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032590.D

Acq: 11 Jun 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

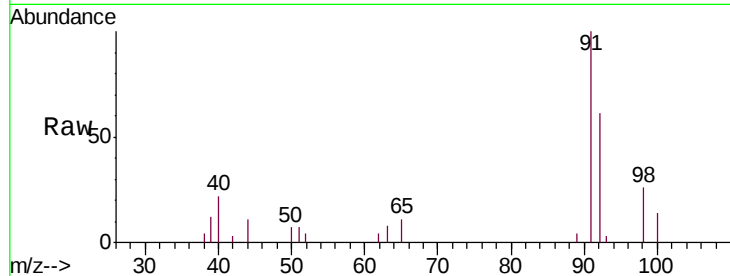
DB8D1

Tgt Ion: 91 Resp: 7154

Ion Ratio Lower Upper

91 100

92 60.7 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032568.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032568.D (-2020) (-)

7.64

4000

3000

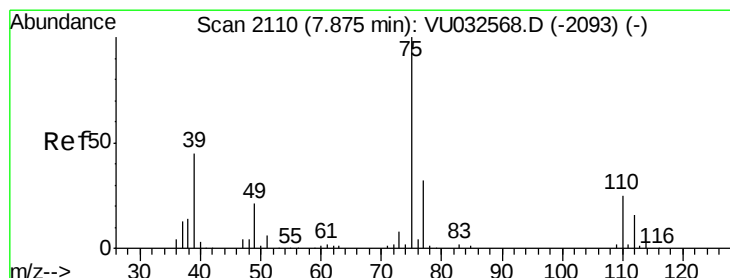
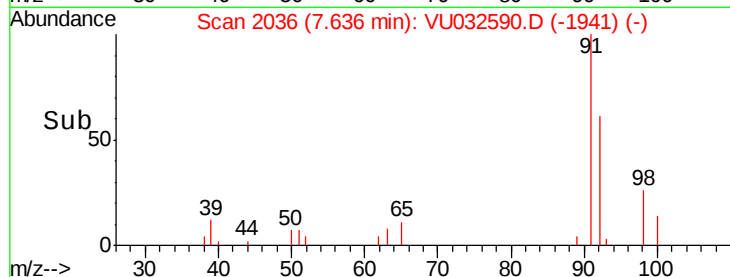
2000

1000

0

Time-->

7.60 7.65 7.70



#44

trans-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032590.D

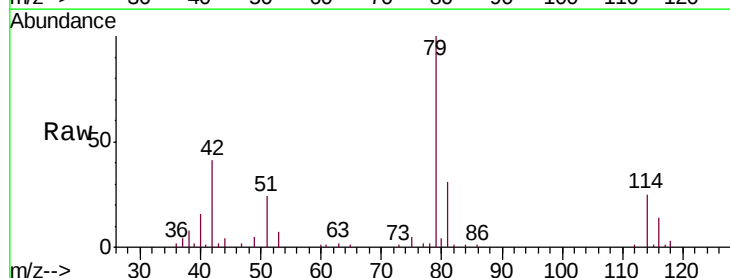
Acq: 11 Jun 2019 01:00

Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 38.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032568.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU032568.D (-2093) (-)

7.85

1000

800

600

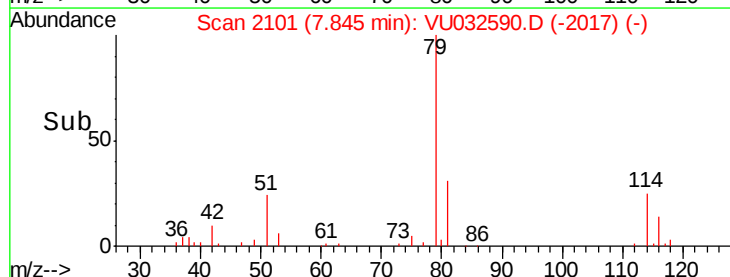
400

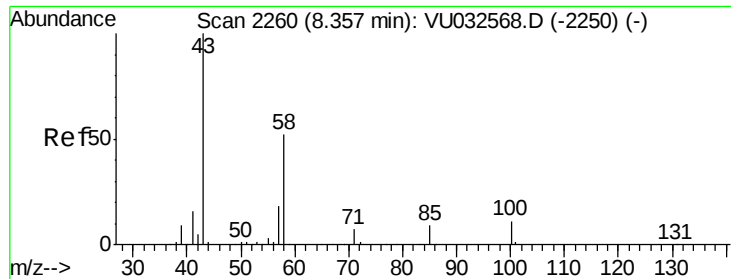
200

0

Time-->

7.80 7.85

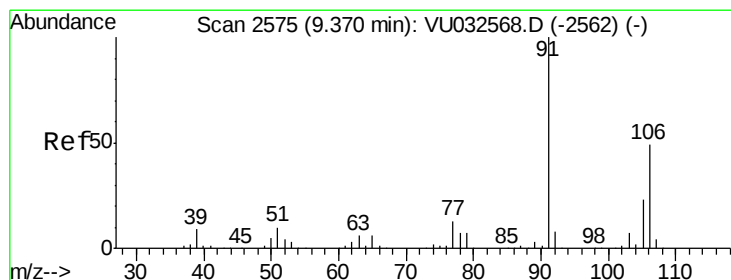
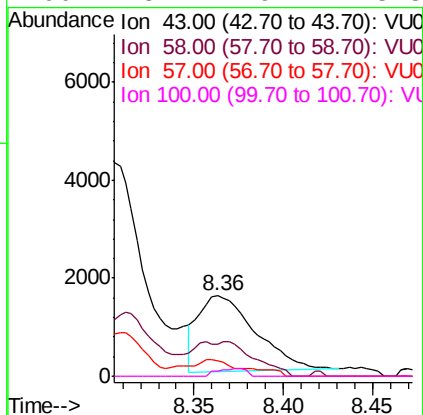
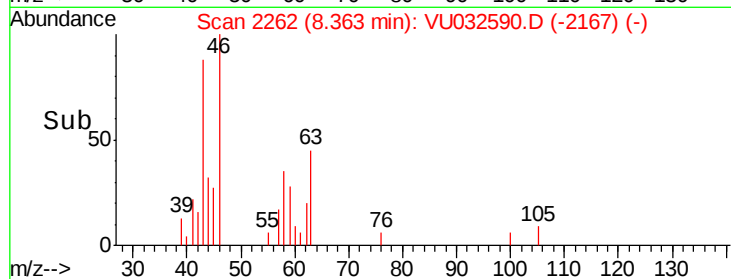
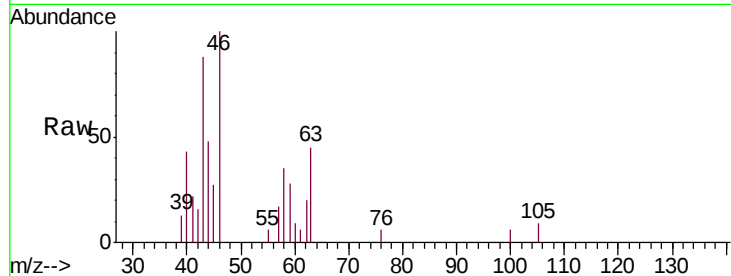




#48
2-Hexanone
Concen: 2.111 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032590.D
Acq: 11 Jun 2019 01:00

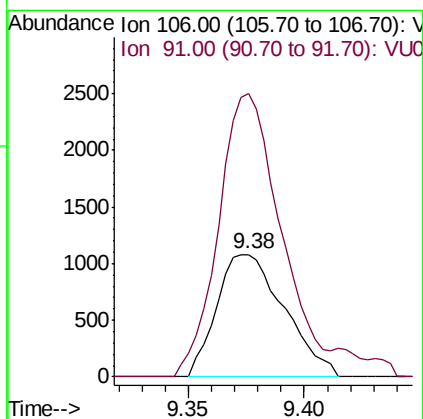
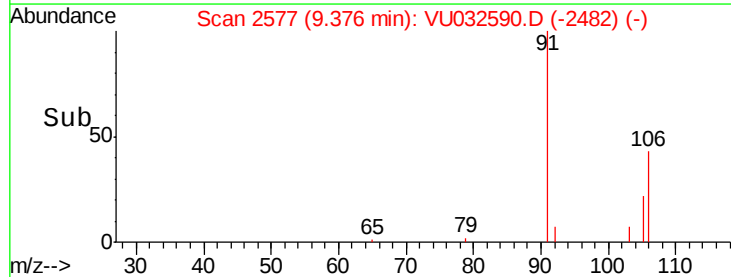
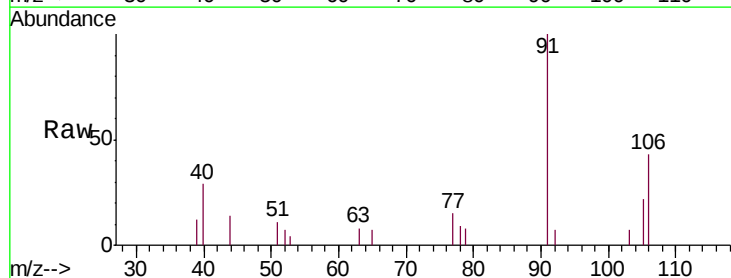
Instrument :
MSVOA_U
ClientSampled :
DB8D1

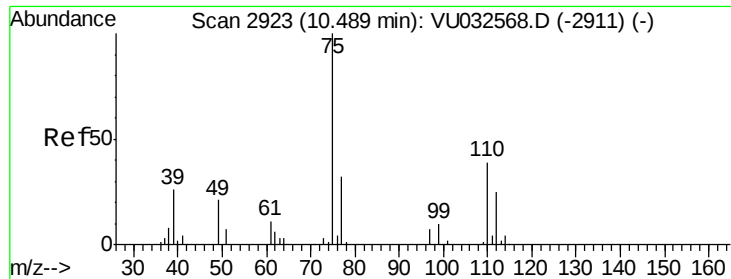
Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
58 4.9 42.0 63.0#
57 6.4 14.6 22.0#
100 5.1 9.2 13.8#



#53
m,p-Xylene
Concen: 1.000 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU032590.D
Acq: 11 Jun 2019 01:00

Tgt Ion: 106 Resp: 2175
Ion Ratio Lower Upper
106 100
91 231.3 141.7 263.1

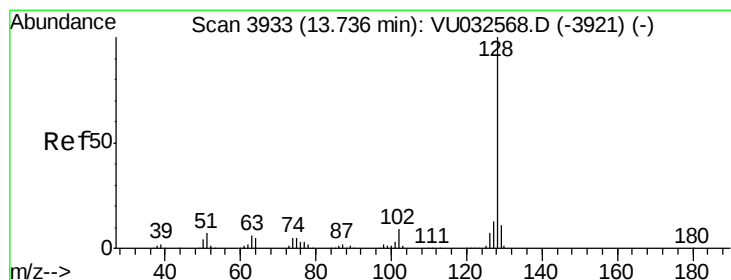
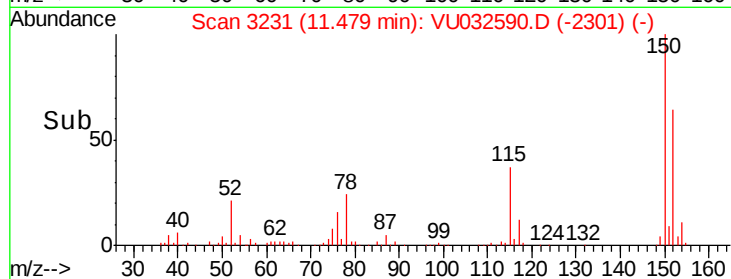
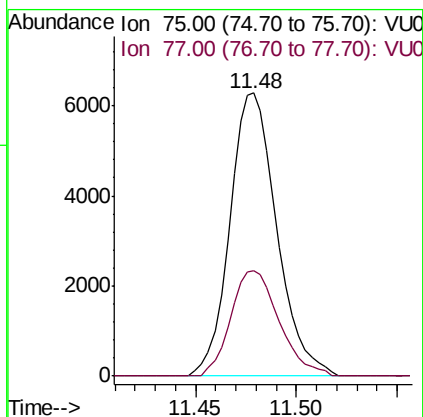
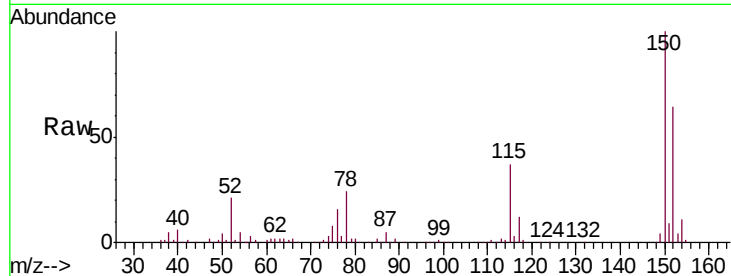




#59
 1,2,3-Trichloropropane
 Concen: 6.319 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032590.D
 Acq: 11 Jun 2019 01:00

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D1

Tgt Ion: 75 Resp: 10206
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.6 38.4



#69
 Naphthalene
 Concen: 1.346 ug/L
 RT: 13.76 min Scan# 3940
 Delta R.T. 0.02 min
 Lab File: VU032590.D
 Acq: 11 Jun 2019 01:00

Tgt Ion: 128 Resp: 7130
 Ion Ratio Lower Upper
 128 100
 127 9.1 10.4 15.6#
 129 5.3 8.5 12.7#

