

Data File : VU032232.D
Acq On : 22 May 2019 19:13
Operator : JC/SP
Sample : K3001-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE8

Quant Time: May 23 01:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380126	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117271	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.68	69	100759	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	171131	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.20	46	259186	43.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.08%
24) Chloroform-d	4.64	84	224447	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	115739	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.33	84	457281	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	136155	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.20%
41) Toluene-d8	7.56	98	386189	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.85	79	46475	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	218948	42.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112242	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	142958	3.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.20%#

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	3116	0.191 ug/L	99
8) Chloroethane	1.69	64	1498	0.143 ug/L #	63
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1894	0.141 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1874	0.139 ug/L #	1
13) Acetone	2.33	43	65412	35.061 ug/L	99
15) Methyl Acetate	2.49	43	6926	1.265 ug/L #	42
16) Methylene chloride	2.70	84	39178	2.171 ug/L	96
21) 2-Butanone	4.30	43	11238	3.993 ug/L #	60
22) cis-1,2-Dichloroethene	4.22	96	10976	0.774 ug/L	93
35) Methylcyclohexane	6.33	83	32996	1.614 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13803	1.109 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2873	0.162 ug/L #	73
42) Toluene	7.64	91	6453	0.117 ug/L	78
53) m,p-Xylene	9.38	106	6603	0.321 ug/L	80
59) 1,2,3-Trichloropropane	11.48	75	17836	2.200 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

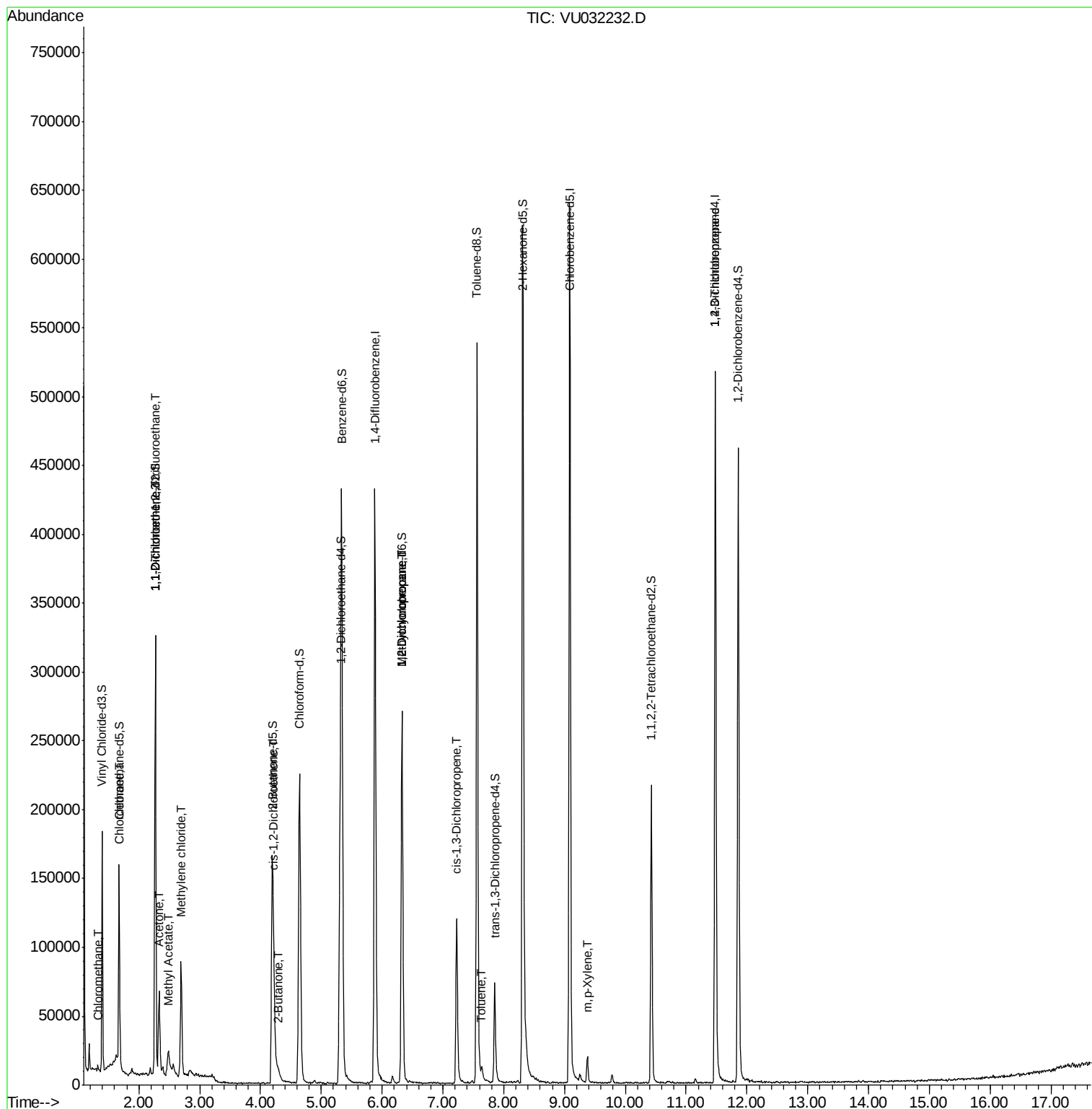
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

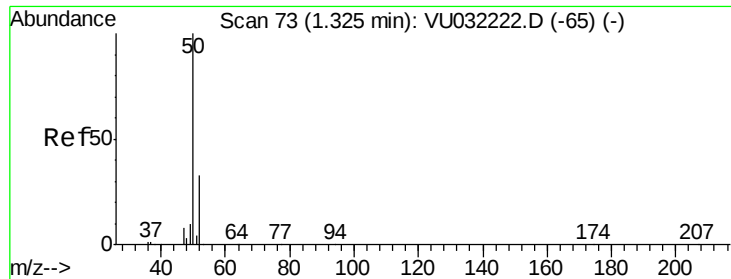
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032222.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

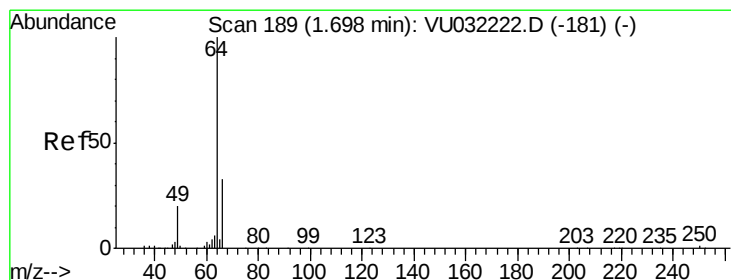
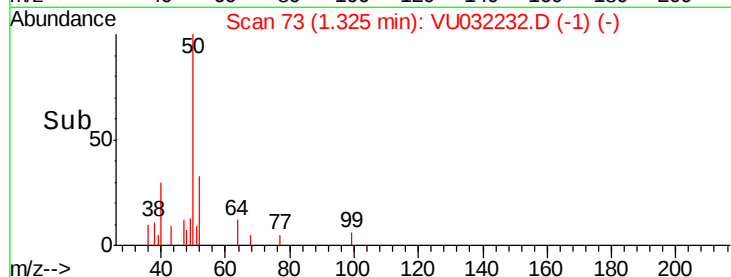
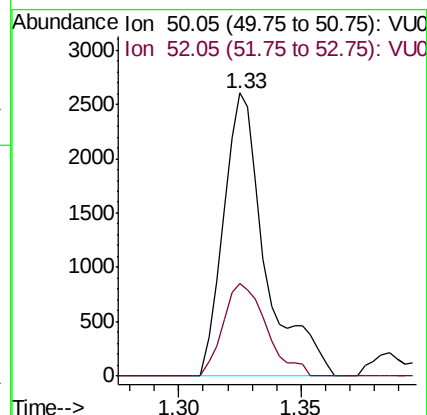
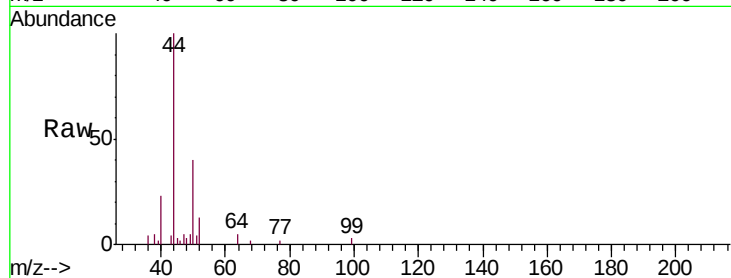
E3YE8

Tgt Ion: 50 Resp: 3116

Ion Ratio Lower Upper

50 100

52 32.9 23.3 43.3



#8

Chloroethane

Concen: 0.143 ug/L

RT: 1.69 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU032222.D

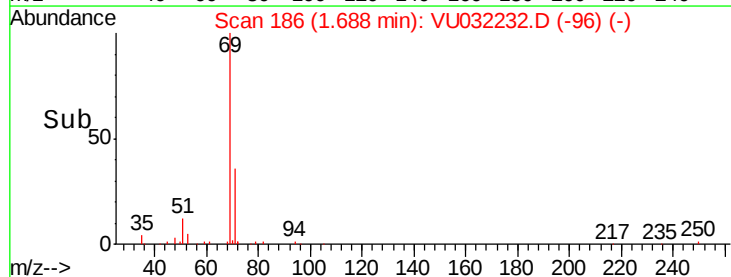
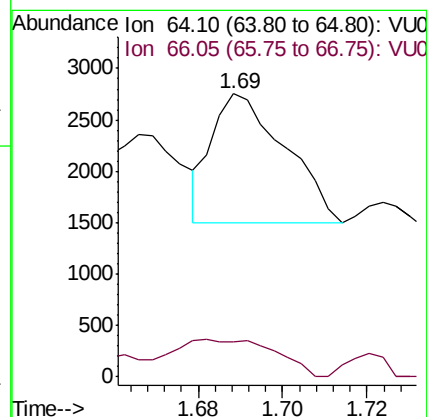
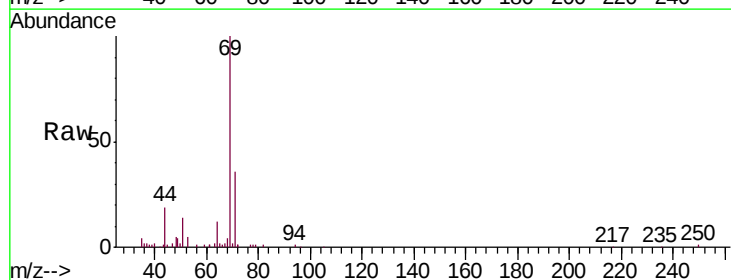
Acq: 22 May 2019 19:13

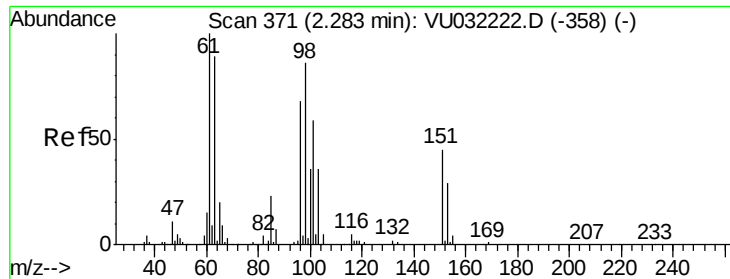
Tgt Ion: 64 Resp: 1498

Ion Ratio Lower Upper

64 100

66 12.2 23.1 42.9#





#10

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

Concen: 0.141 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

E3YE8

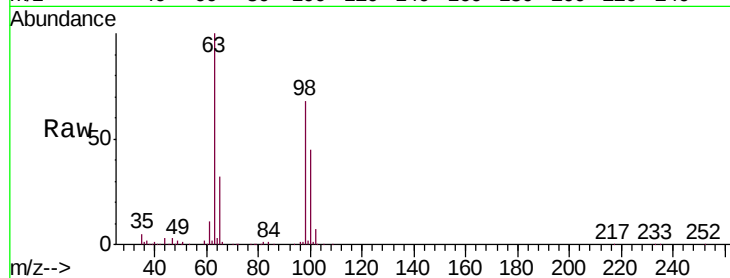
Tgt Ion:101 Resp: 1894

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

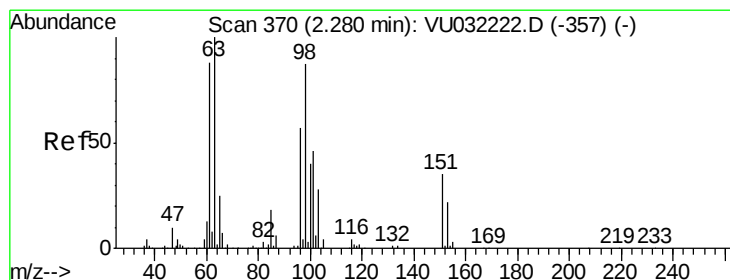
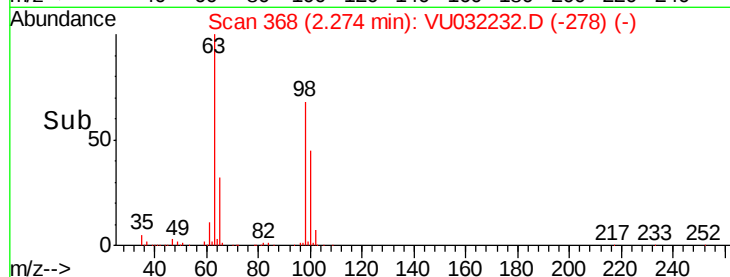
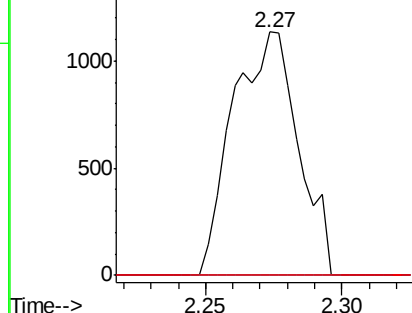
151 1.1 64.4 96.6#



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: 0.139 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

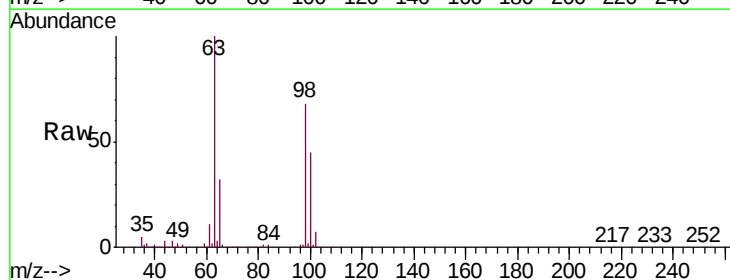
Tgt Ion: 96 Resp: 1874

Ion Ratio Lower Upper

96 100

61 962.3 113.8 211.3#

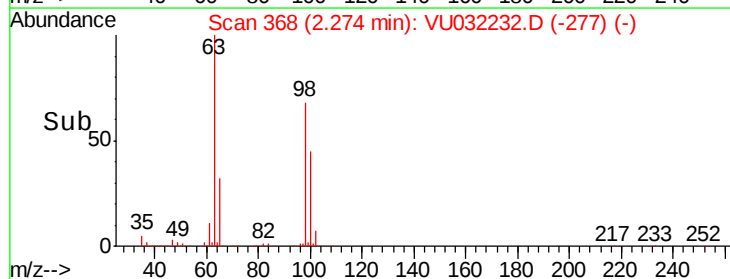
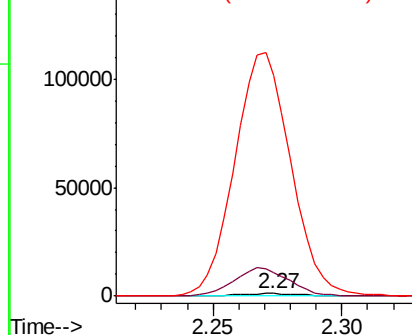
63 8854.2 108.8 202.2#

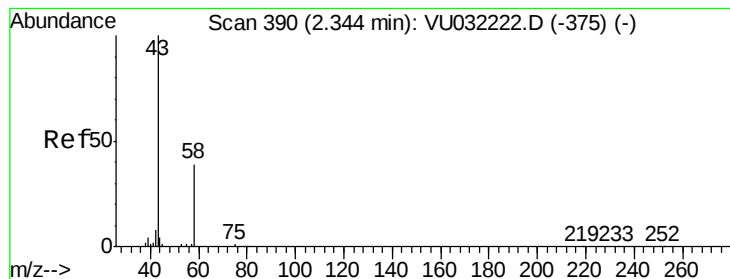


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 35.061 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

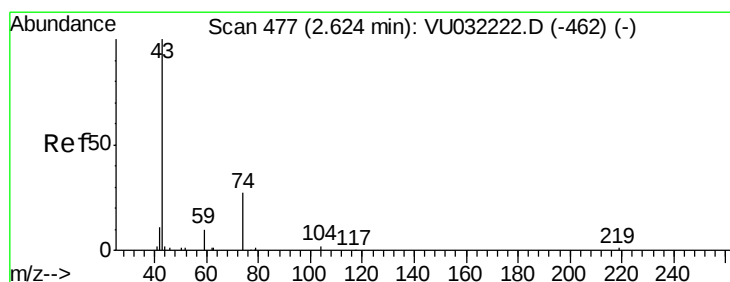
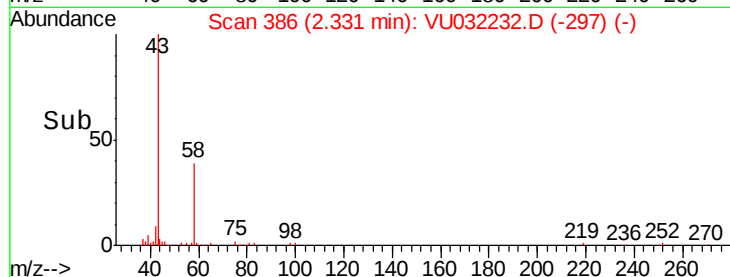
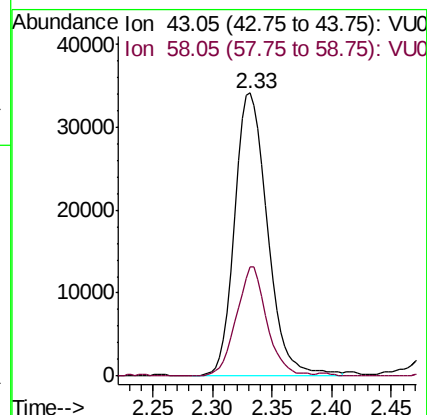
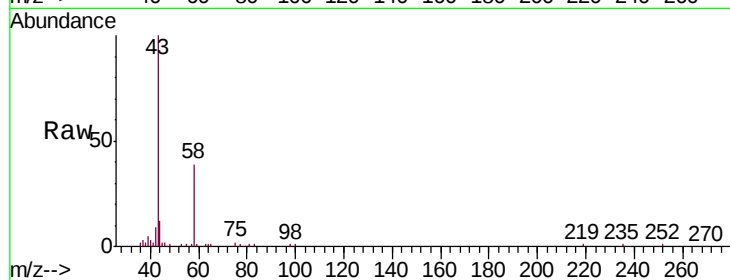
E3YE8

Tgt Ion: 43 Resp: 65412

Ion Ratio Lower Upper

43 100

58 35.9 0.0 72.6



#15

Methyl Acetate

Concen: 1.265 ug/L

RT: 2.49 min Scan# 435

Delta R.T. -0.13 min

Lab File: VU032232.D

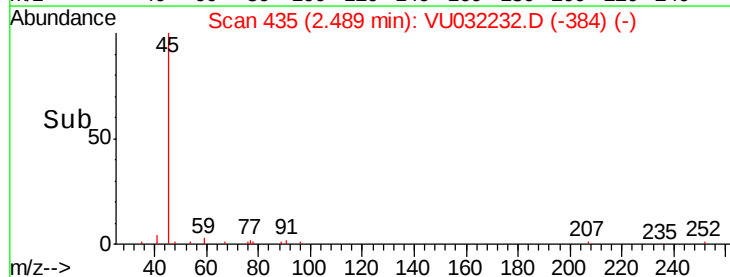
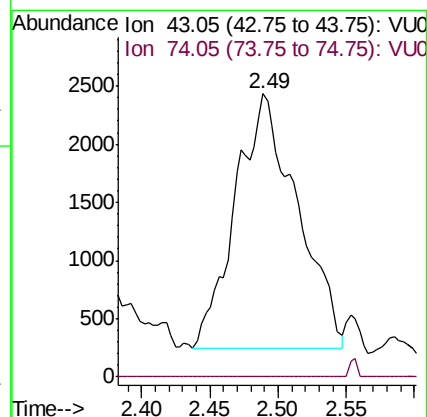
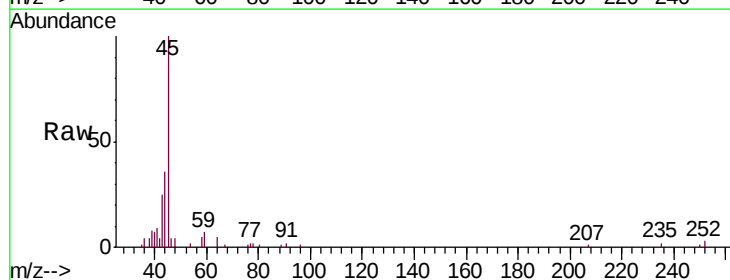
Acq: 22 May 2019 19:13

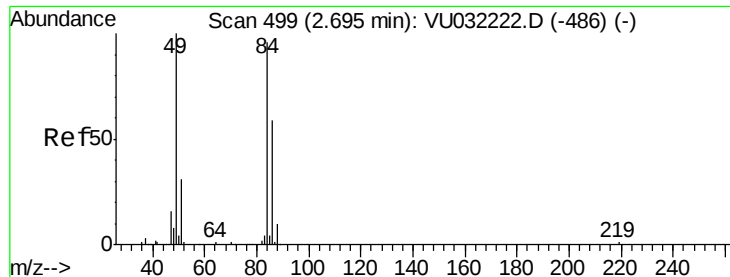
Tgt Ion: 43 Resp: 6926

Ion Ratio Lower Upper

43 100

74 0.8 27.3 40.9#

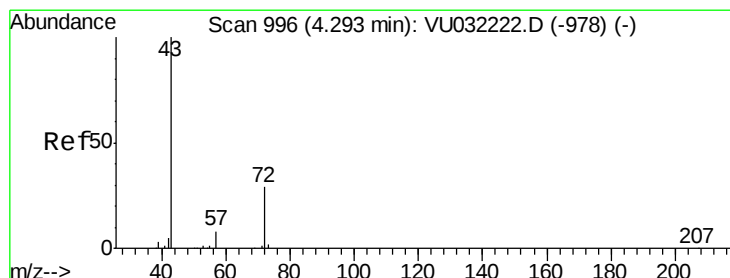
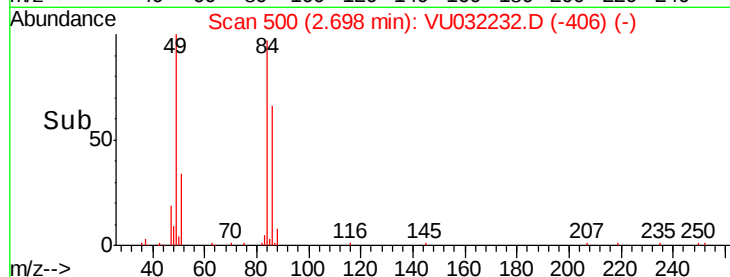
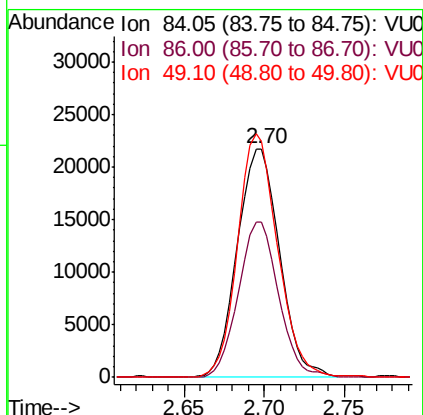
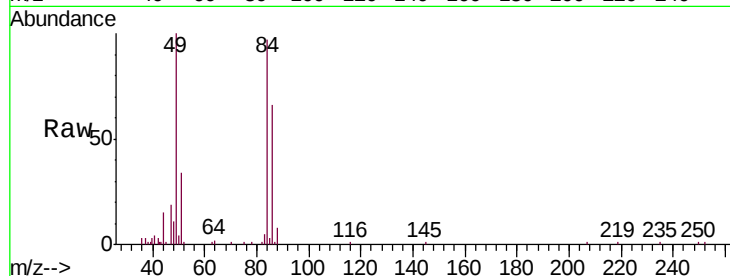




#16
Methylene chloride
Concen: 2.171 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032232.D
Acq: 22 May 2019 19:13

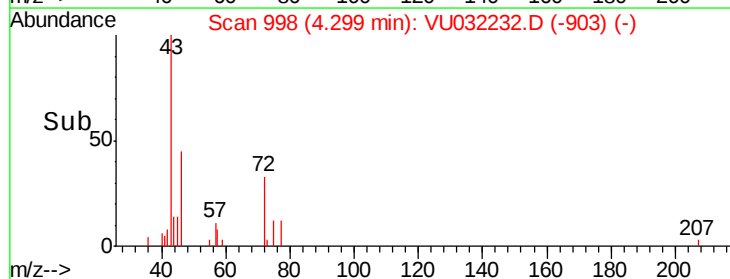
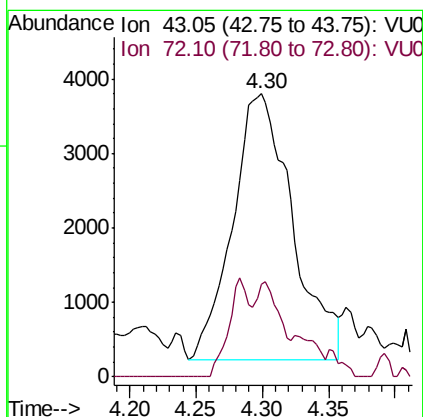
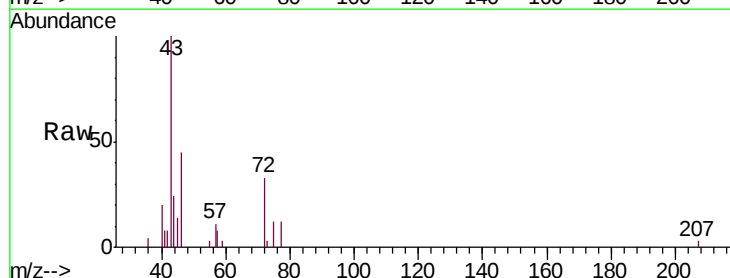
Instrument :
MSVOA_U
ClientSampleId :
E3YE8

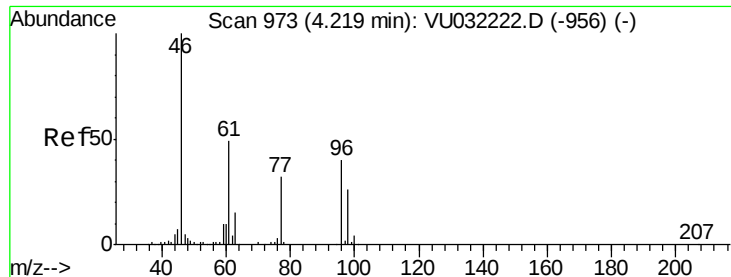
Tgt Ion: 84 Resp: 39178
Ion Ratio Lower Upper
84 100
86 67.8 43.6 81.0
49 103.0 71.1 132.1



#21
2-Butanone
Concen: 3.993 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.01 min
Lab File: VU032232.D
Acq: 22 May 2019 19:13

Tgt Ion: 43 Resp: 11238
Ion Ratio Lower Upper
43 100
72 8.4 15.2 45.6#



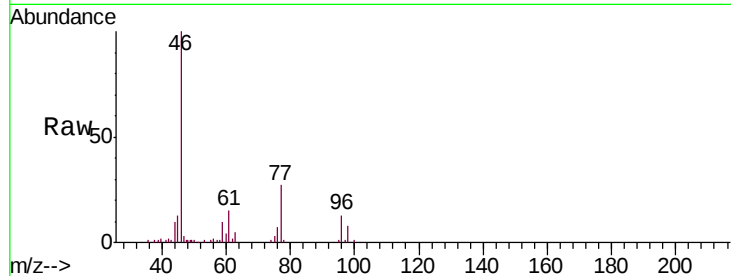


#22

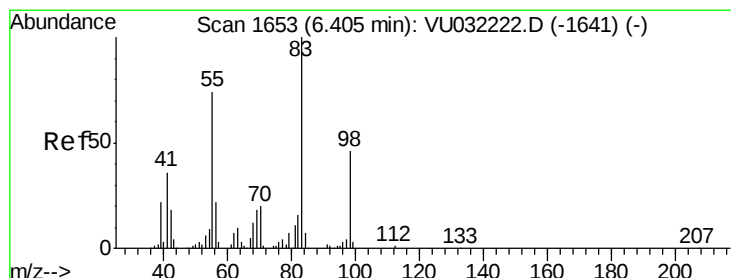
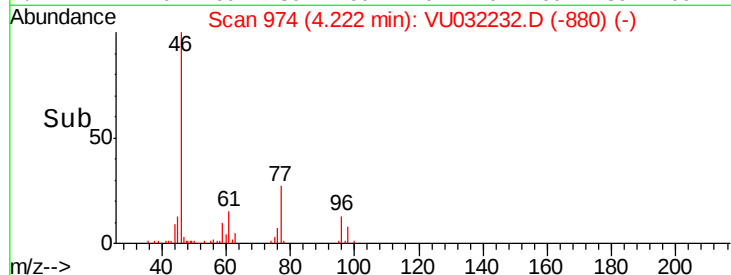
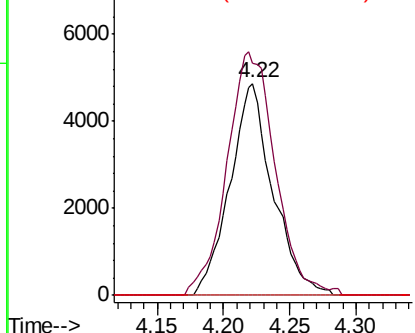
cis-1,2-Dichloroethene
 Concen: 0.774 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032232.D
 Acq: 22 May 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE8

Tgt Ion: 96 Resp: 10976
 Ion Ratio Lower Upper
 96 100
 61 109.8 82.5 153.1
 68 0.0 0.0 0.0



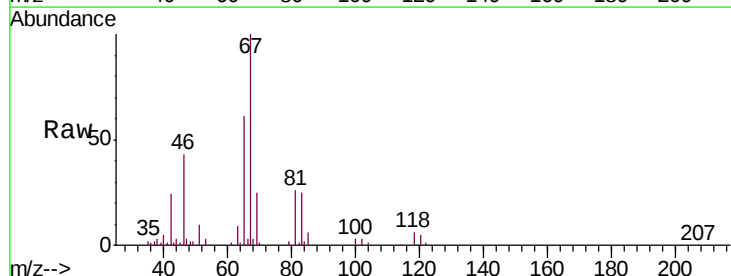
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



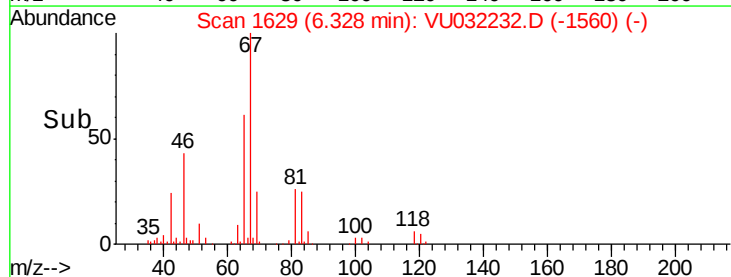
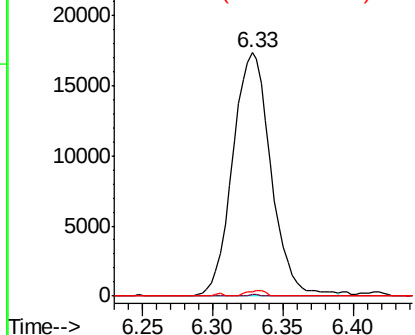
#35

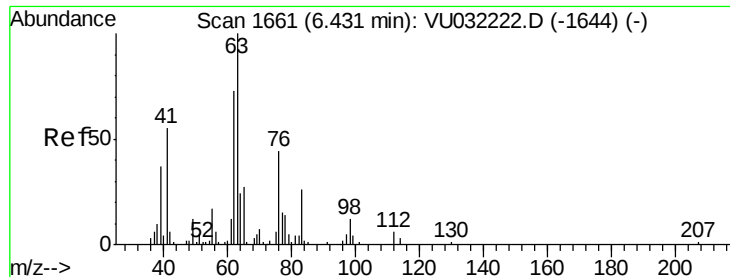
Methylcyclohexane
 Concen: 1.614 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU032232.D
 Acq: 22 May 2019 19:13

Tgt Ion: 83 Resp: 32996
 Ion Ratio Lower Upper
 83 100
 55 0.2 59.7 89.5#
 98 1.2 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

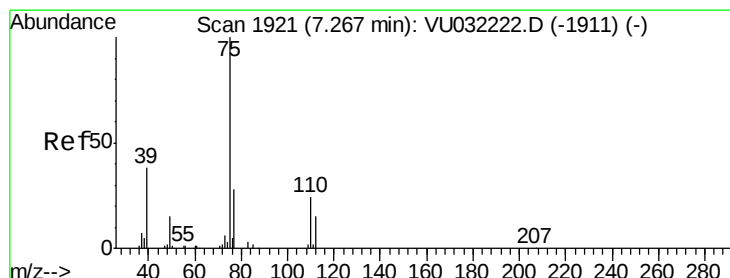
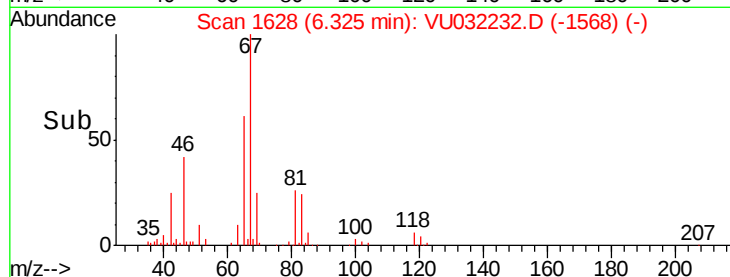
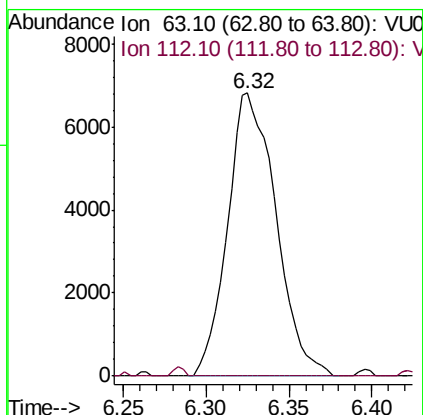
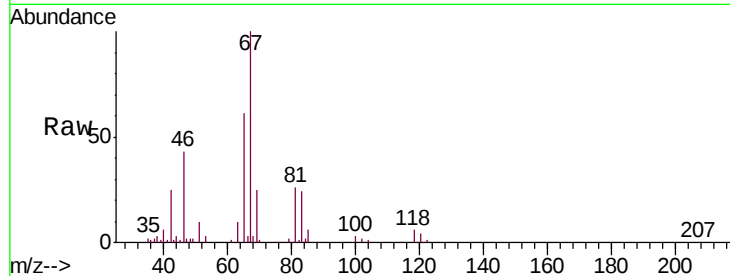




#37
 1,2-Dichloropropane
 Concen: 1.109 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032232.D
 Acq: 22 May 2019 19:13

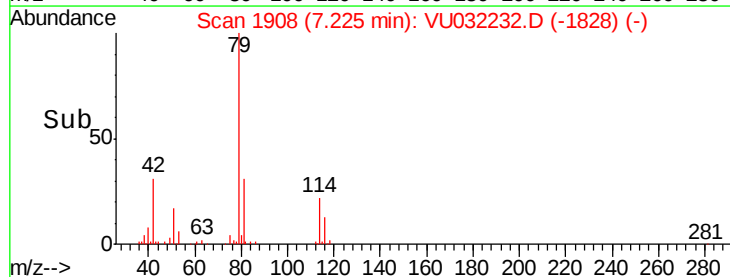
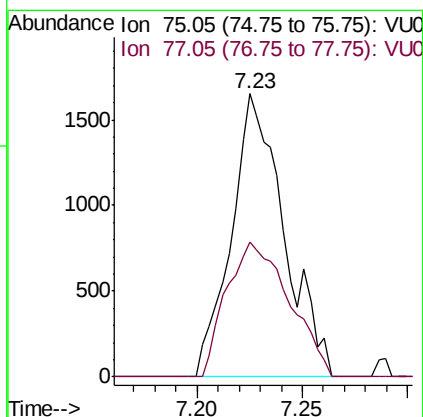
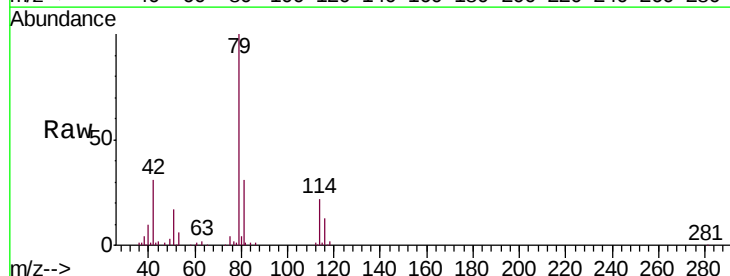
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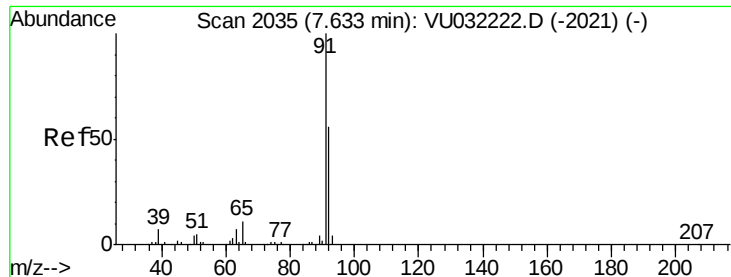
Tgt Ion: 63 Resp: 13803
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.162 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032232.D
 Acq: 22 May 2019 19:13

Tgt Ion: 75 Resp: 2873
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.6 42.0#





#42

Toluene

Concen: 0.117 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

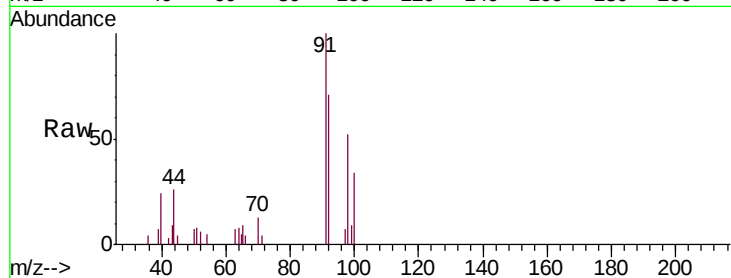
E3YE8

Tgt Ion: 91 Resp: 6453

Ion Ratio Lower Upper

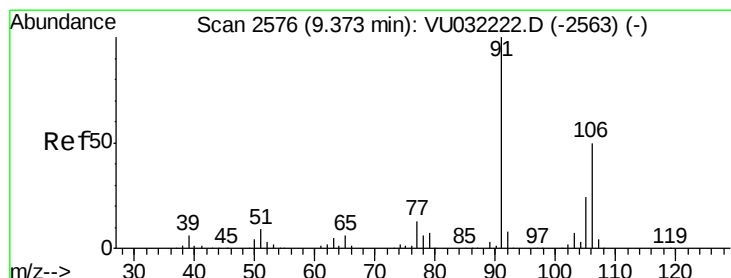
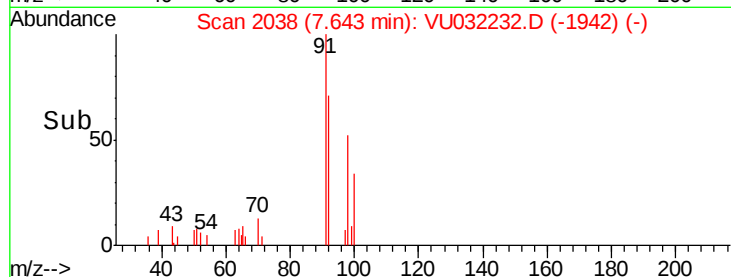
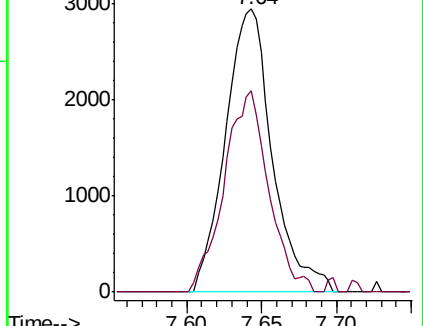
91 100

92 71.2 38.5 71.5



Abundance Ion 91.15 (90.85 to 91.85): VU032222.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032222.D (-2021) (-)



#53

m,p-Xylene

Concen: 0.321 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032232.D

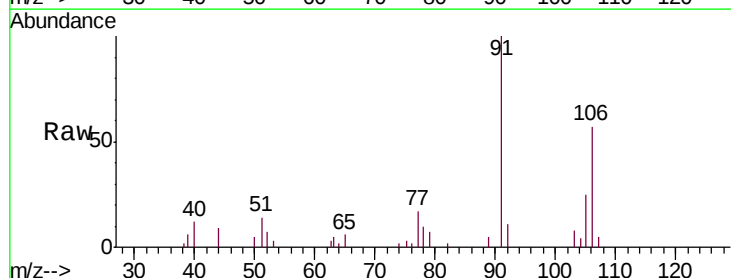
Acq: 22 May 2019 19:13

Tgt Ion: 106 Resp: 6603

Ion Ratio Lower Upper

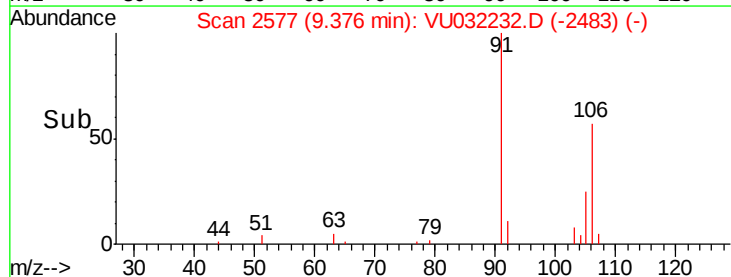
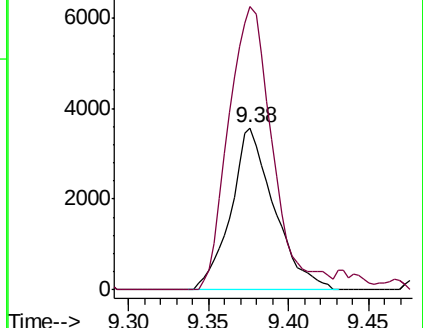
106 100

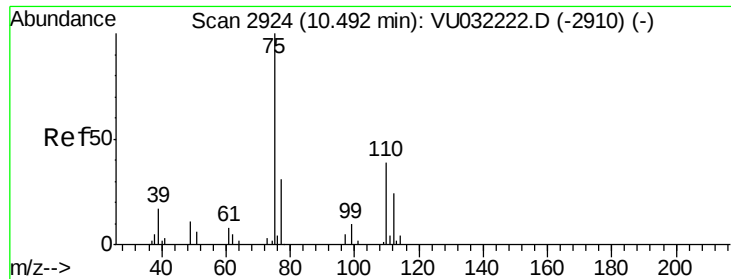
91 174.6 143.9 267.2



Abundance Ion 106.15 (105.85 to 106.85): VU032222.D (-2563) (-)

Ion 91.15 (90.85 to 91.85): VU032222.D (-2563) (-)





#59

1,2,3-Trichloropropane

Concen: 2.200 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

E3YE8

Tgt Ion: 75 Resp: 17836

Ion Ratio Lower Upper

75 100

77 32.2 28.2 42.4

