

Data File : VU032103.D
Acq On : 17 May 2019 16:07
Operator : JC/SP
Sample : K2850-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W07

Quant Time: May 18 04:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	385813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119487	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	103242	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.27	63	172475	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.20	46	242639	39.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.20%
24) Chloroform-d	4.64	84	233155	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	114676	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	473228	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.32	67	137351	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.56	98	386009	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.85	79	46836	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	214657	38.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114634	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	145692	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

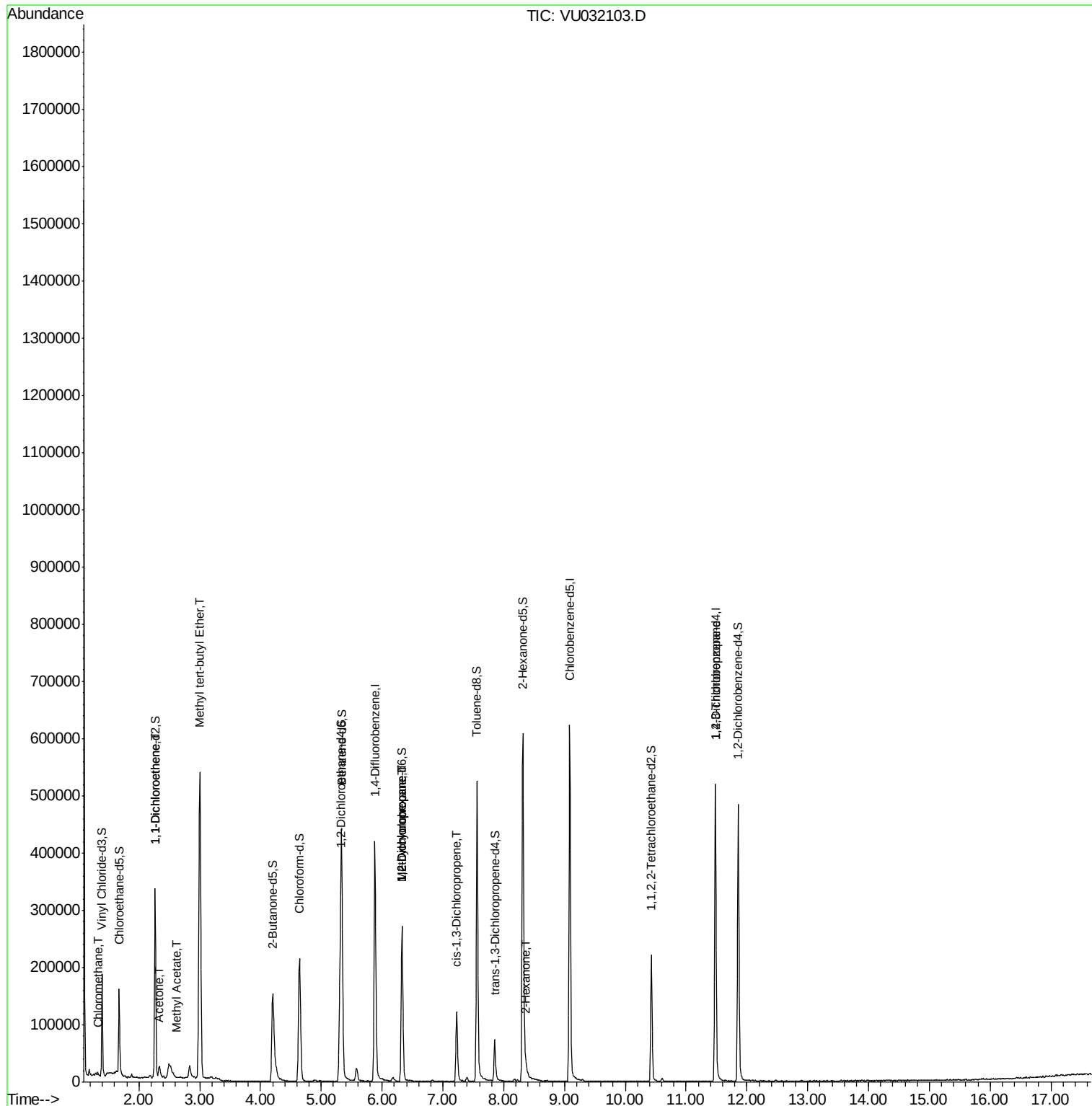
					Qvalue
3) Chloromethane	1.32	50	2592	0.144 ug/L	86
12) 1,1-Dichloroethene	2.27	96	1700	0.113 ug/L #	1
13) Acetone	2.34	43	19838	9.736 ug/L	92
15) Methyl Acetate	2.62	43	800	0.137 ug/L #	76
17) Methyl tert-butyl Ether	3.00	73	622323	17.564 ug/L	97
35) Methylcyclohexane	6.33	83	33215	1.435 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14391	0.994 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3098	0.155 ug/L #	53
48) 2-Hexanone	8.37	43	9371	1.799 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	15232	1.656 ug/L	88

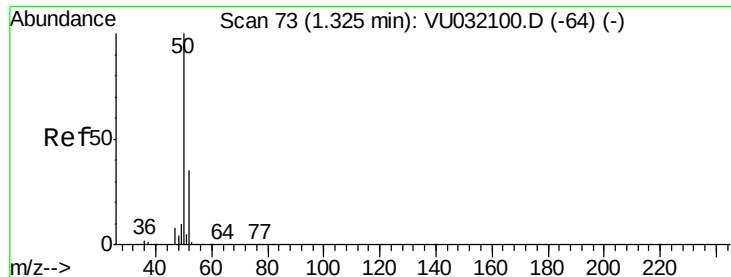
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.144 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032103.D

Acq: 17 May 2019 16:07

Instrument :

MSVOA_U

ClientSampled :

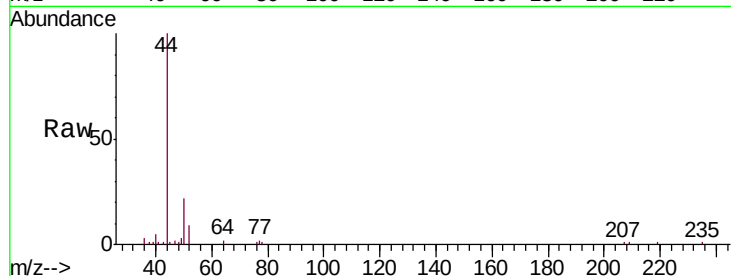
F9W07

Tgt Ion: 50 Resp: 2592

Ion Ratio Lower Upper

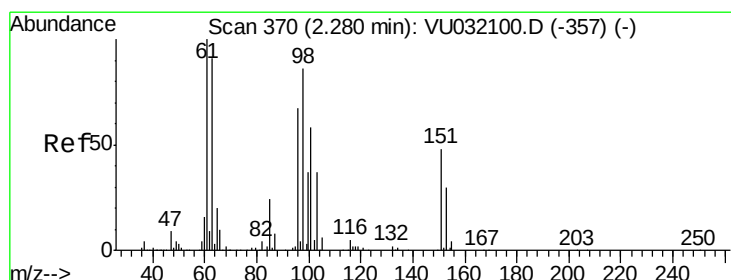
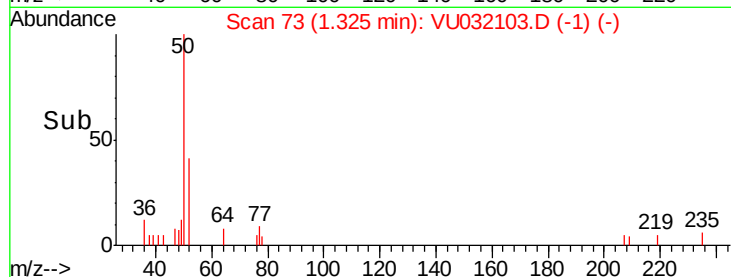
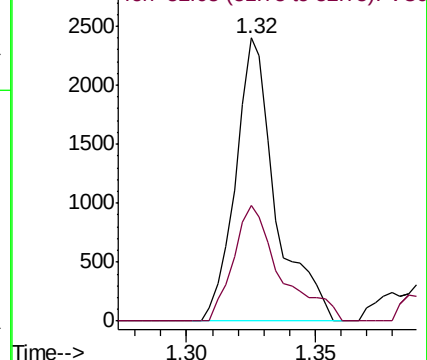
50 100

52 40.8 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.113 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032103.D

Acq: 17 May 2019 16:07

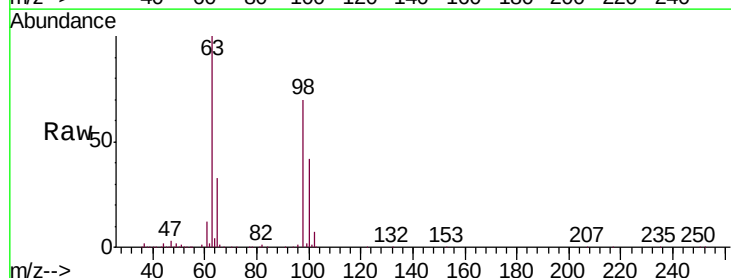
Tgt Ion: 96 Resp: 1700

Ion Ratio Lower Upper

96 100

61 1275.9 111.7 207.5#

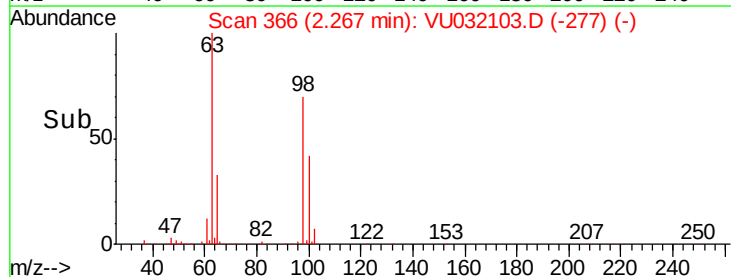
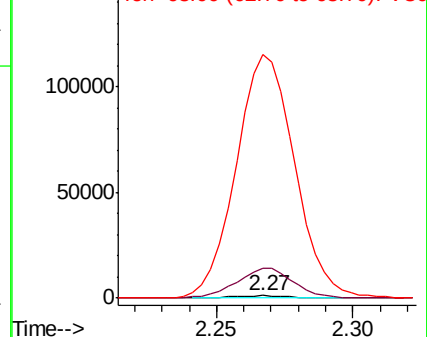
63 10351.9 152.2 282.6#

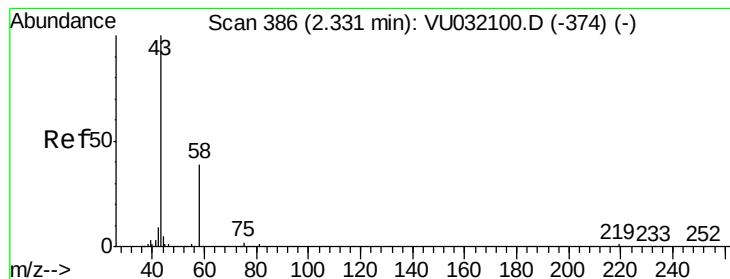


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.736 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032103.D

Acq: 17 May 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

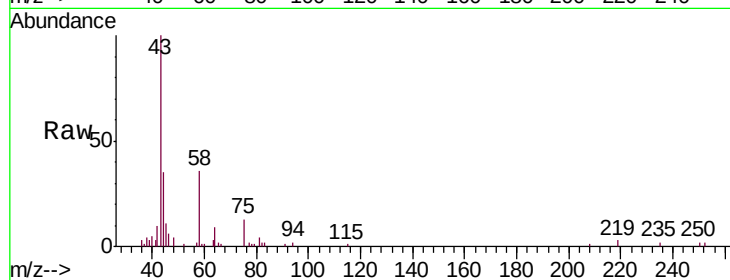
F9W07

Tgt Ion: 43 Resp: 19838

Ion Ratio Lower Upper

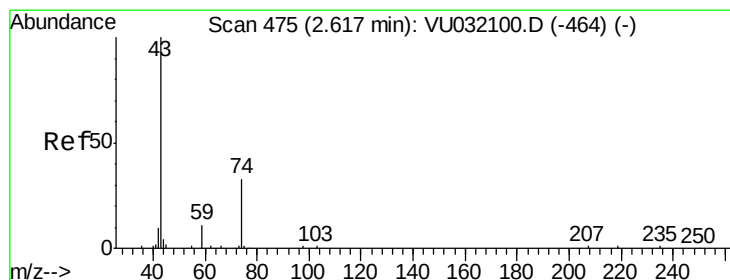
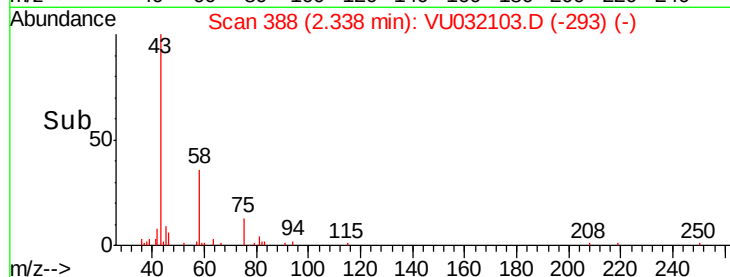
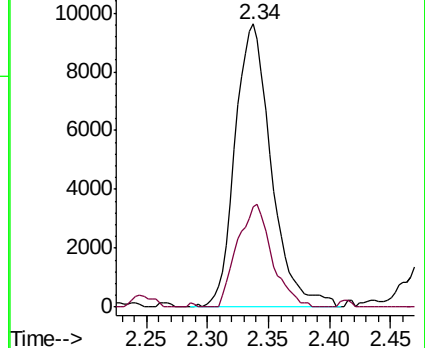
43 100

58 34.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032103.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU032103.D (-293) (-)



#15

Methyl Acetate

Concen: 0.137 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU032103.D

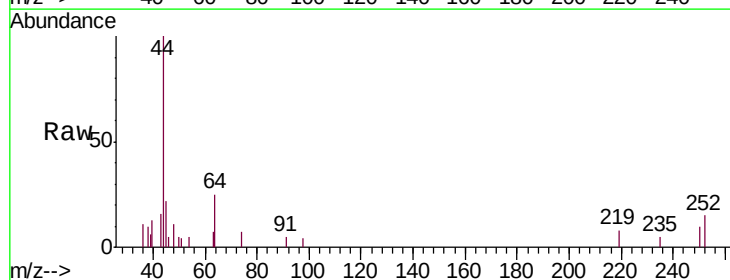
Acq: 17 May 2019 16:07

Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

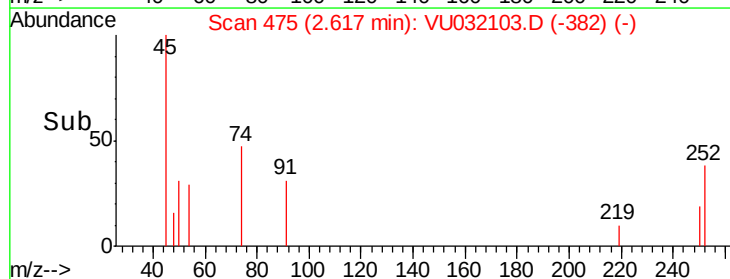
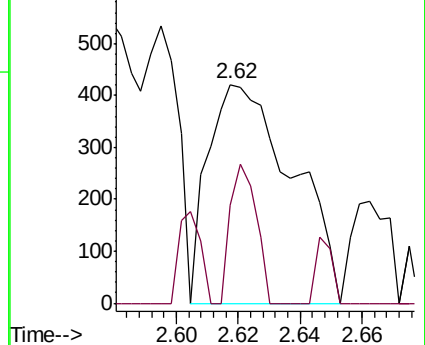
43 100

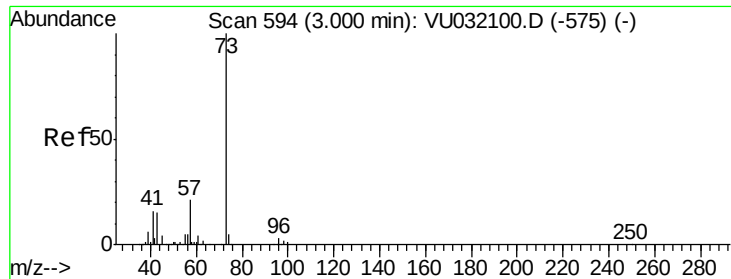
74 19.6 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032103.D (-382) (-)

Ion 74.05 (73.75 to 74.75): VU032103.D (-382) (-)





#17

Methyl tert-butyl Ether

Concen: 17.564 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032103.D

Acq: 17 May 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

F9W07

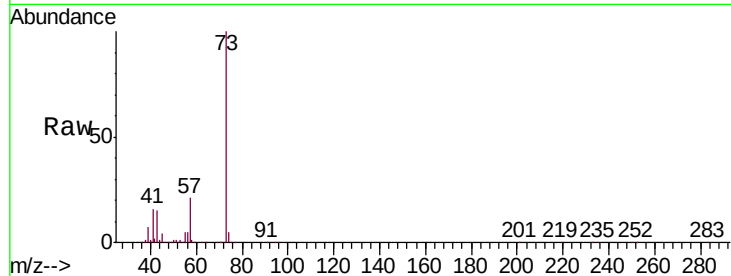
Tgt Ion: 73 Resp: 622323

Ion Ratio Lower Upper

73 100

43 15.5 13.0 19.6

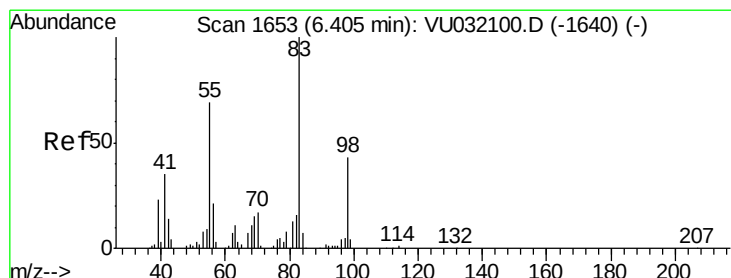
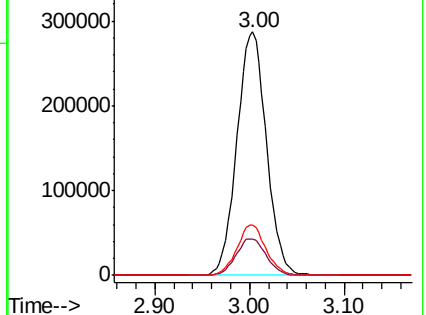
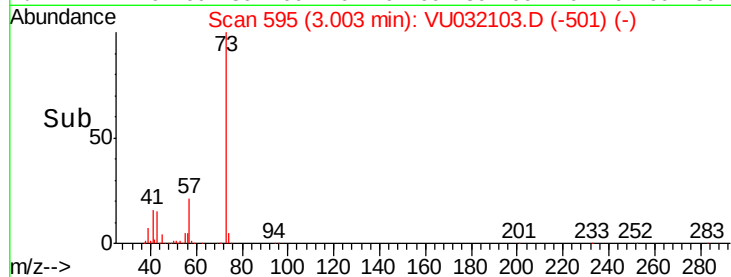
57 20.2 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032103.D (-501) (-)

Ion 43.05 (42.75 to 43.75): VU032103.D (-501) (-)

Ion 57.10 (56.80 to 57.80): VU032103.D (-501) (-)



#35

Methylcyclohexane

Concen: 1.435 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032103.D

Acq: 17 May 2019 16:07

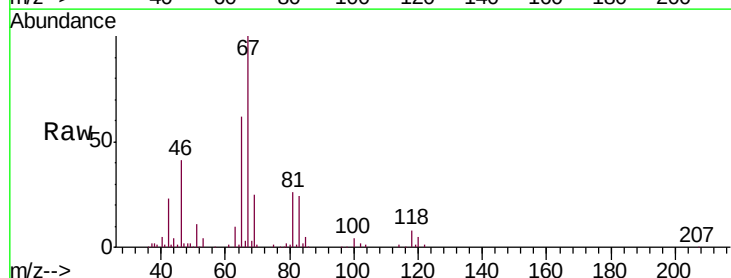
Tgt Ion: 83 Resp: 33215

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

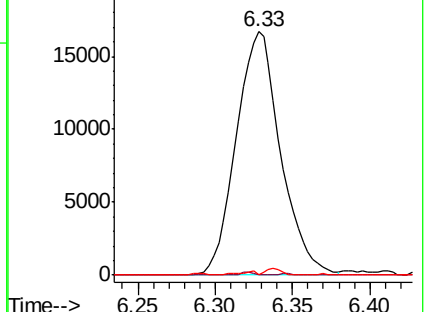
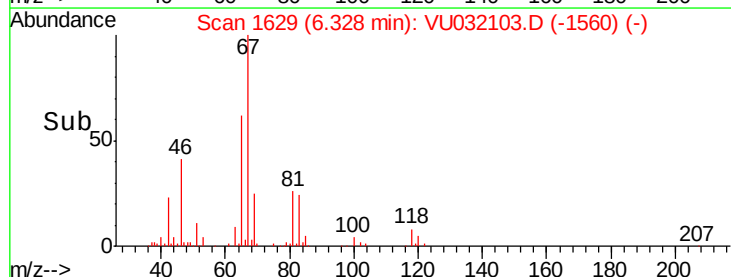
98 0.6 36.8 55.2#

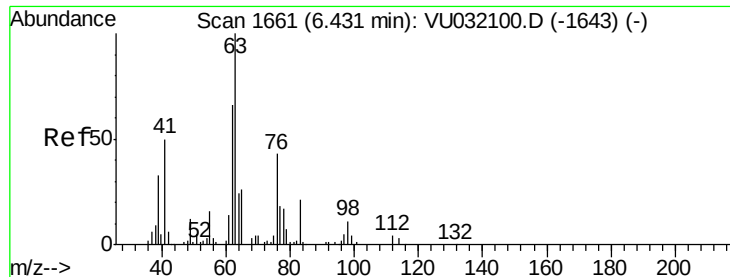


Abundance Ion 83.15 (82.85 to 83.85): VU032103.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032103.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032103.D (-1560) (-)

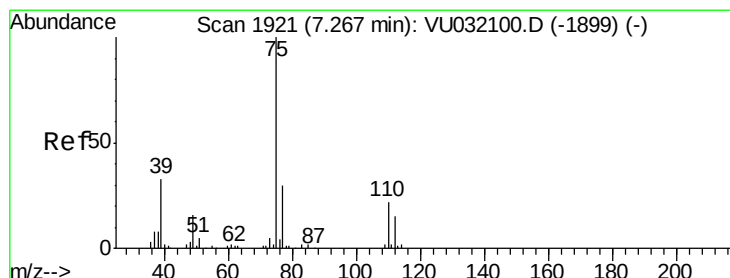
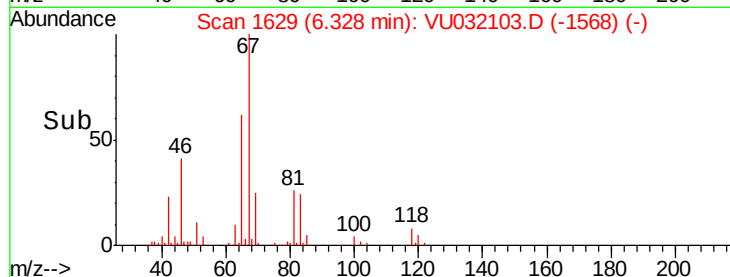
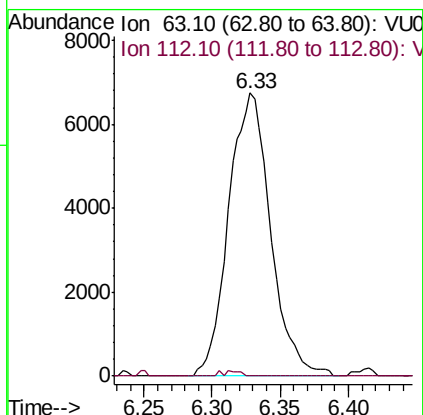
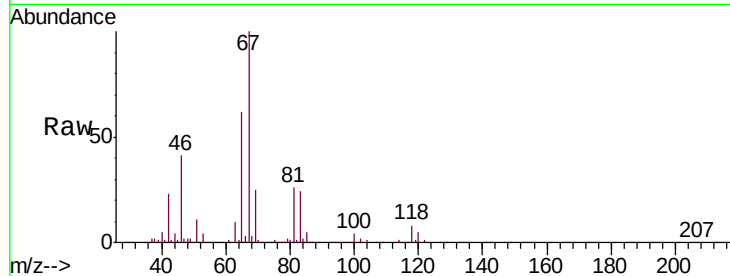




#37
 1,2-Dichloropropane
 Concen: 0.994 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032103.D
 Acq: 17 May 2019 16:07

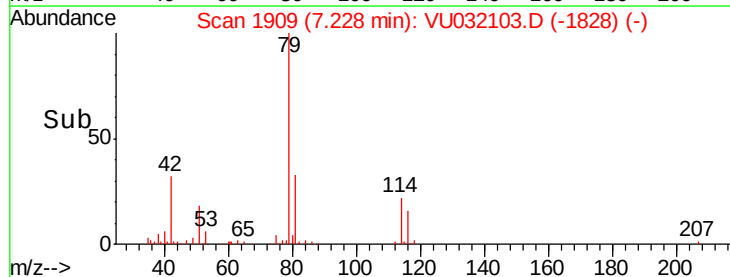
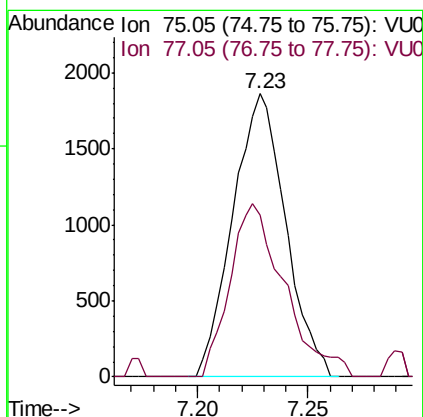
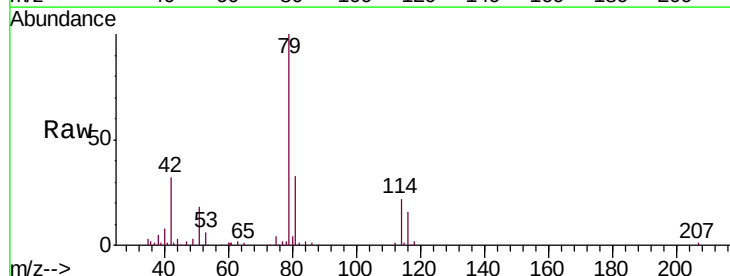
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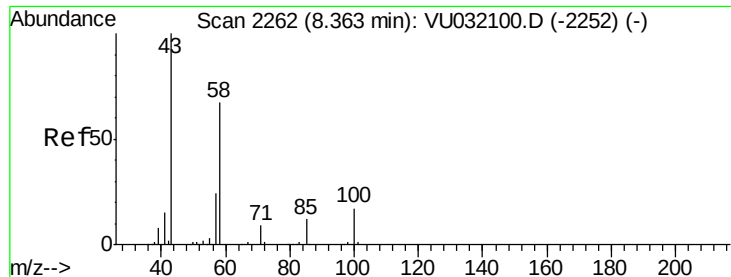
Tgt Ion: 63 Resp: 14391
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.155 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032103.D
 Acq: 17 May 2019 16:07

Tgt Ion: 75 Resp: 3098
 Ion Ratio Lower Upper
 75 100
 77 56.9 21.7 40.3#

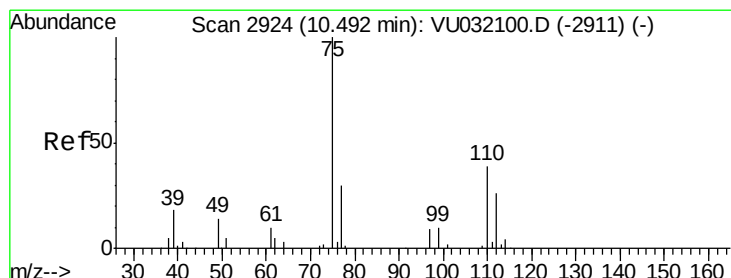
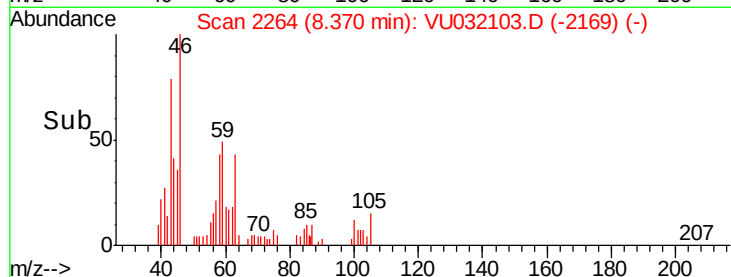
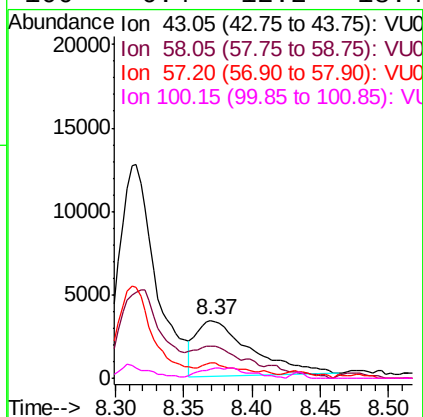
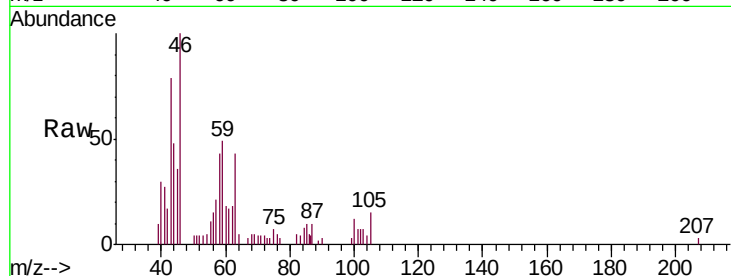




#48
 2-Hexanone
 Concen: 1.799 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032103.D
 Acq: 17 May 2019 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W07

Tgt Ion: 43 Resp: 9371
 Ion Ratio Lower Upper
 43 100
 58 31.5 51.6 77.4#
 57 18.8 18.4 27.6
 100 6.4 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.656 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032103.D
 Acq: 17 May 2019 16:07

Tgt Ion: 75 Resp: 15232
 Ion Ratio Lower Upper
 75 100
 77 39.2 26.2 39.2

