

Data File : VU031844.D
Acq On : 09 May 2019 01:10
Operator : JC/SP
Sample : K2743-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D06

Quant Time: May 09 07:02:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133208	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	119760	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	203901	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.19	46	504889	45.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	4.64	84	275286	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	160298	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.33	84	533813	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	189436	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	404522	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.85	79	53740	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.31	63	338216	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148760	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	143310	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

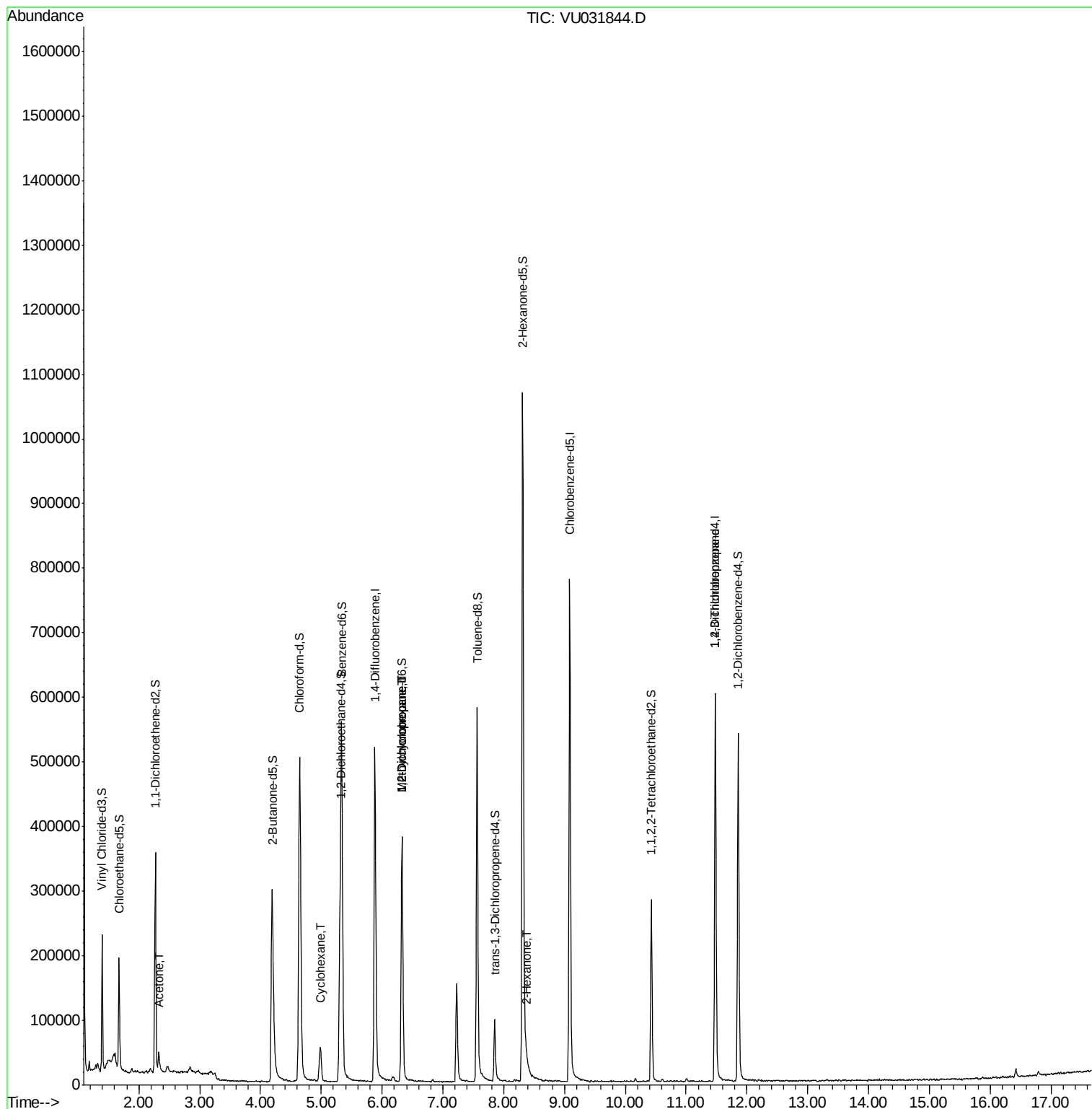
Target Compounds					Qvalue
13) Acetone	2.33	43	26622	3.488 ug/L	90
30) Cyclohexane	4.99	56	26313	0.411 ug/L	92
35) Methylcyclohexane	6.32	83	41254	0.766 ug/L #	12
37) 1,2-Dichloropropane	6.33	63	21406	0.503 ug/L #	92
48) 2-Hexanone	8.38	43	20011	0.983 ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	20852	0.827 ug/L	89

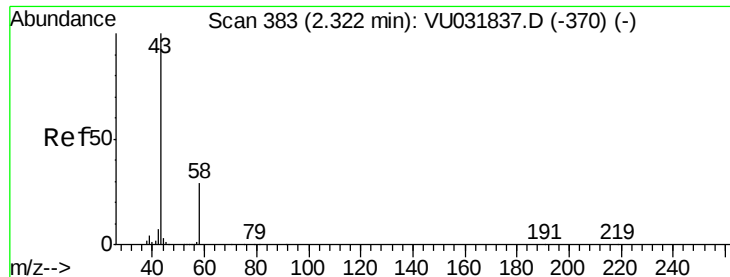
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.488 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

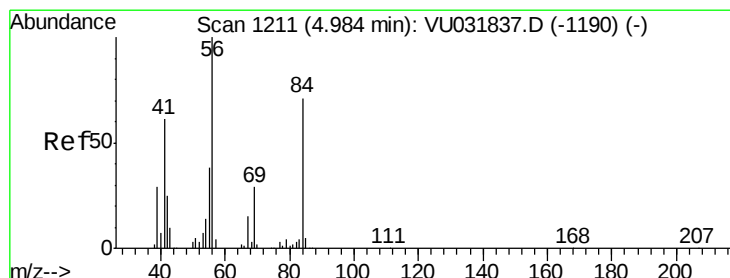
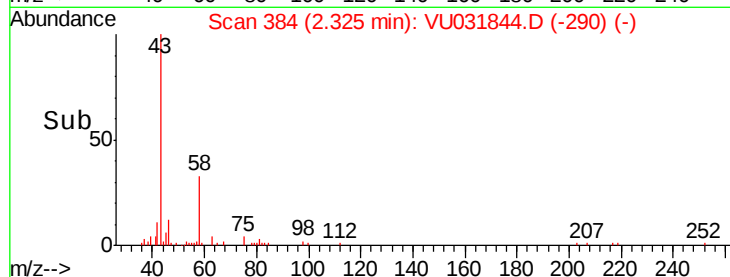
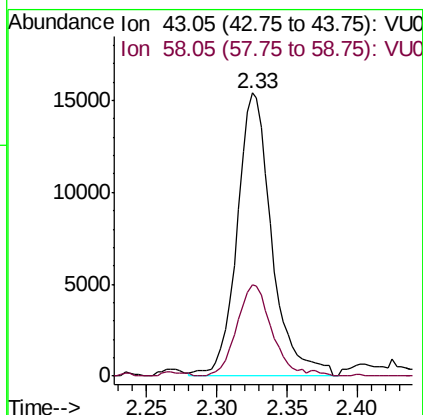
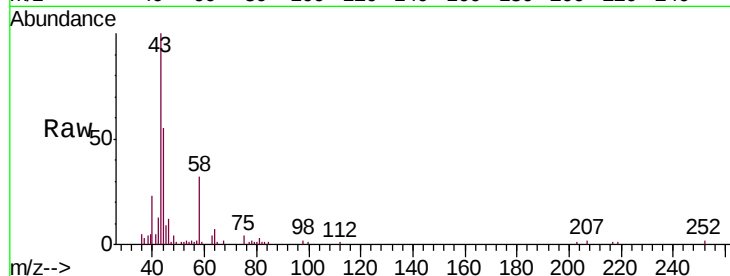
F9D06

Tgt Ion: 43 Resp: 26622

Ion Ratio Lower Upper

43 100

58 32.1 0.0 53.6



#30

Cyclohexane

Concen: 0.411 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

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Acq: 09 May 2019 01:10

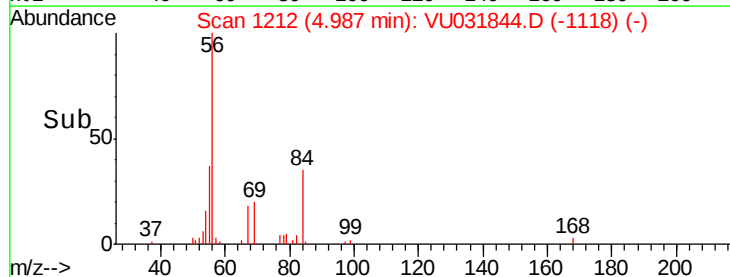
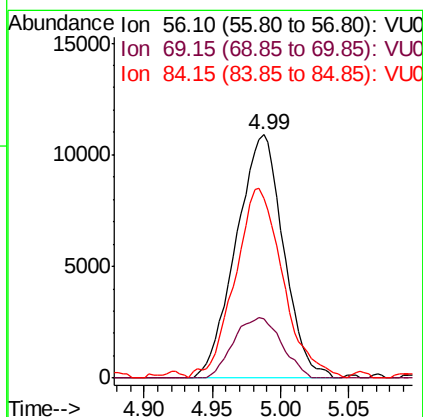
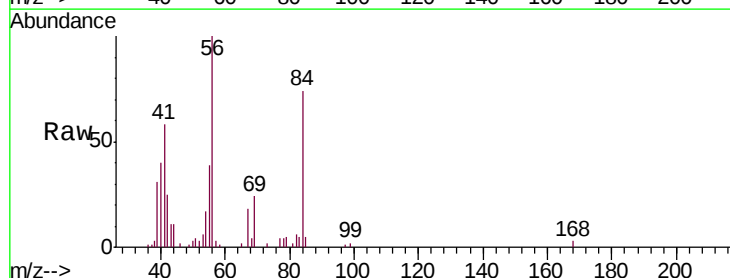
Tgt Ion: 56 Resp: 26313

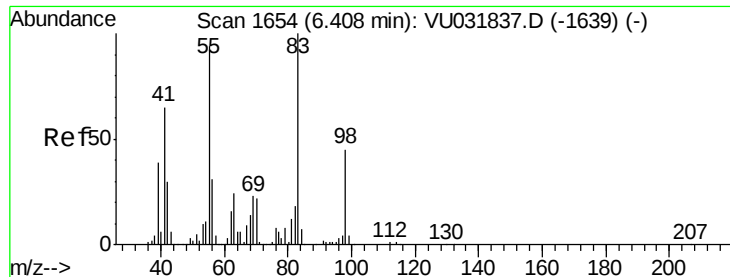
Ion Ratio Lower Upper

56 100

69 25.1 21.8 32.8

84 78.7 56.8 85.2

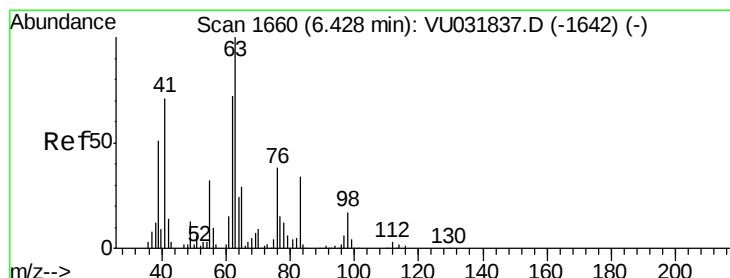
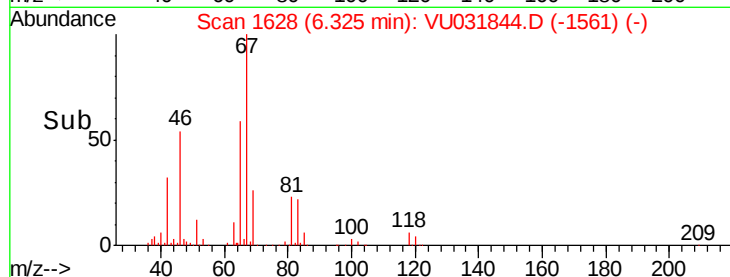
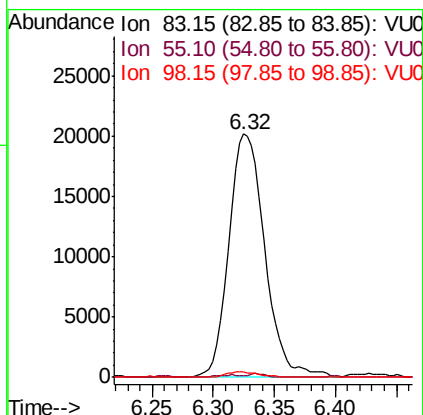
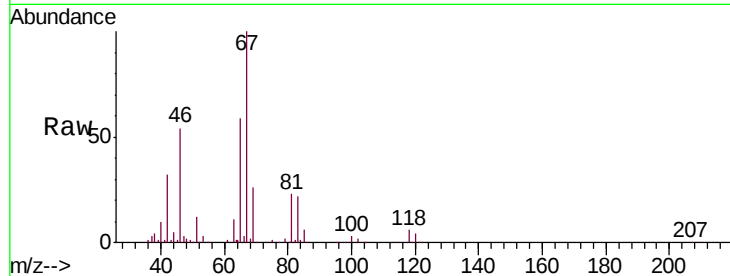




#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031844.D
Acq: 09 May 2019 01:10

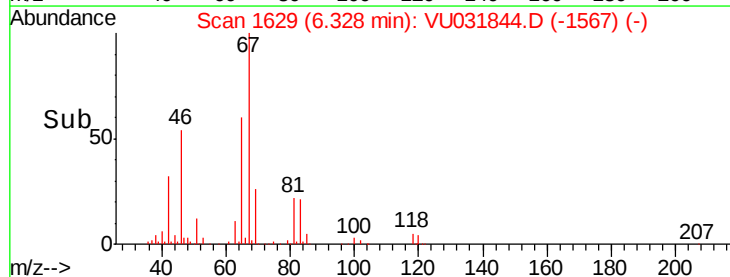
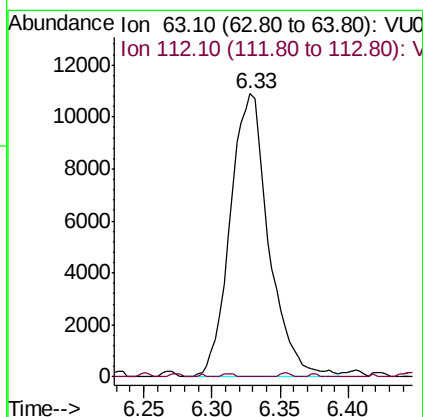
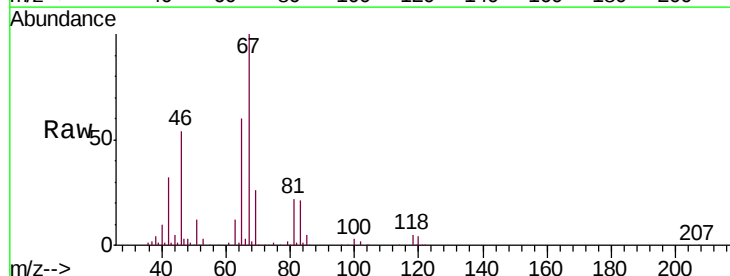
Instrument :
MSVOA_U
ClientSampleId :
F9D06

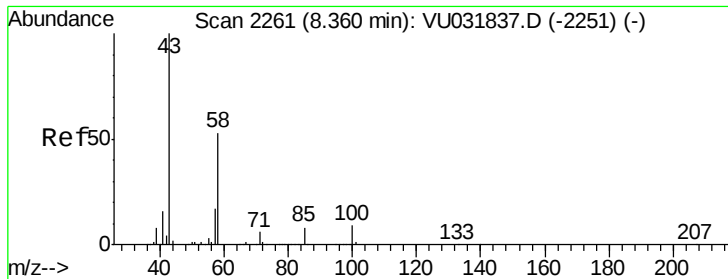
Tgt Ion: 83 Resp: 41254
Ion Ratio Lower Upper
83 100
55 0.6 79.2 118.8#
98 2.1 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031844.D
Acq: 09 May 2019 01:10

Tgt Ion: 63 Resp: 21406
Ion Ratio Lower Upper
63 100
112 0.4 2.5 3.7#





#48

2-Hexanone

Concen: 0.983 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031844.D

Acq: 09 May 2019 01:10

Instrument :

MSVOA_U

ClientSampleId :

F9D06

Tgt Ion: 43 Resp: 20011

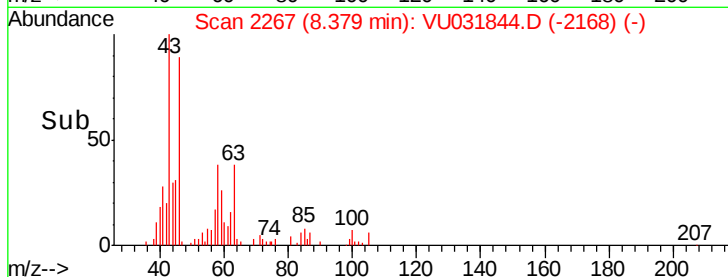
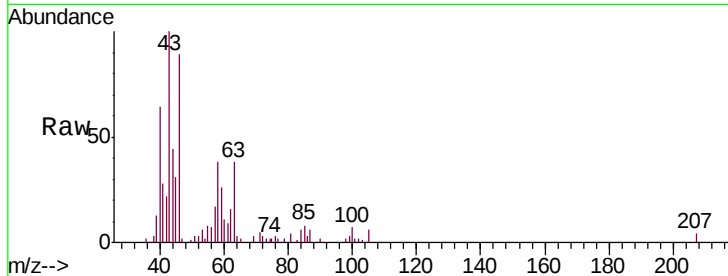
Ion Ratio Lower Upper

43 100

58 0.0 40.2 60.2#

57 4.9 13.8 20.6#

100 5.2 6.4 9.6#

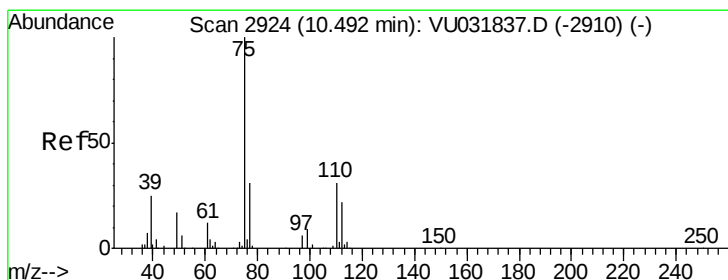
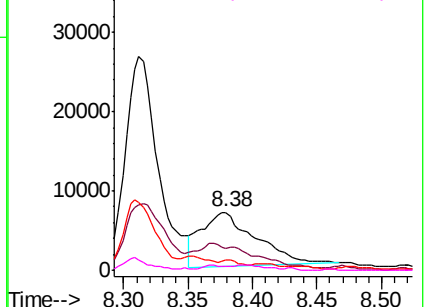


Abundance Ion 43.05 (42.75 to 43.75): VU031844.D (-2168) (-)

Ion 58.05 (57.75 to 58.75): VU031844.D (-2168) (-)

Ion 57.20 (56.90 to 57.90): VU031844.D (-2168) (-)

Ion 100.15 (99.85 to 100.85): VU031844.D (-2168) (-)



#59

1,2,3-Trichloropropane

Concen: 0.827 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031844.D

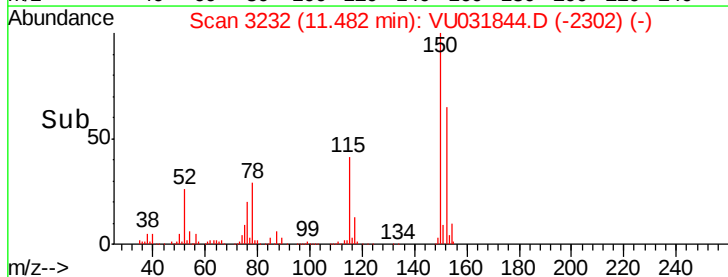
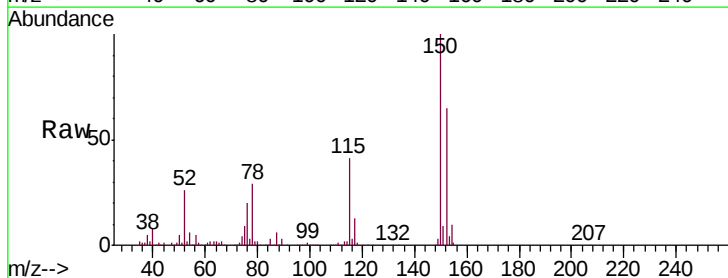
Acq: 09 May 2019 01:10

Tgt Ion: 75 Resp: 20852

Ion Ratio Lower Upper

75 100

77 38.8 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU031844.D (-2302) (-)

Ion 77.00 (76.70 to 77.70): VU031844.D (-2302) (-)

