

Data File : VU031935.D
Acq On : 12 May 2019 11:54
Operator : JC/SP
Sample : K2791-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D50

Quant Time: May 13 07:03:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502877	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130518	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.68	69	129366	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	200851	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.21	46	551651	41.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.46%
24) Chloroform-d	4.64	84	286736	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	159184	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
32) Benzene-d6	5.33	84	548598	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	190888	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.56	98	426772	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.85	79	61803	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.31	63	375767	43.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	169353	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	158919	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

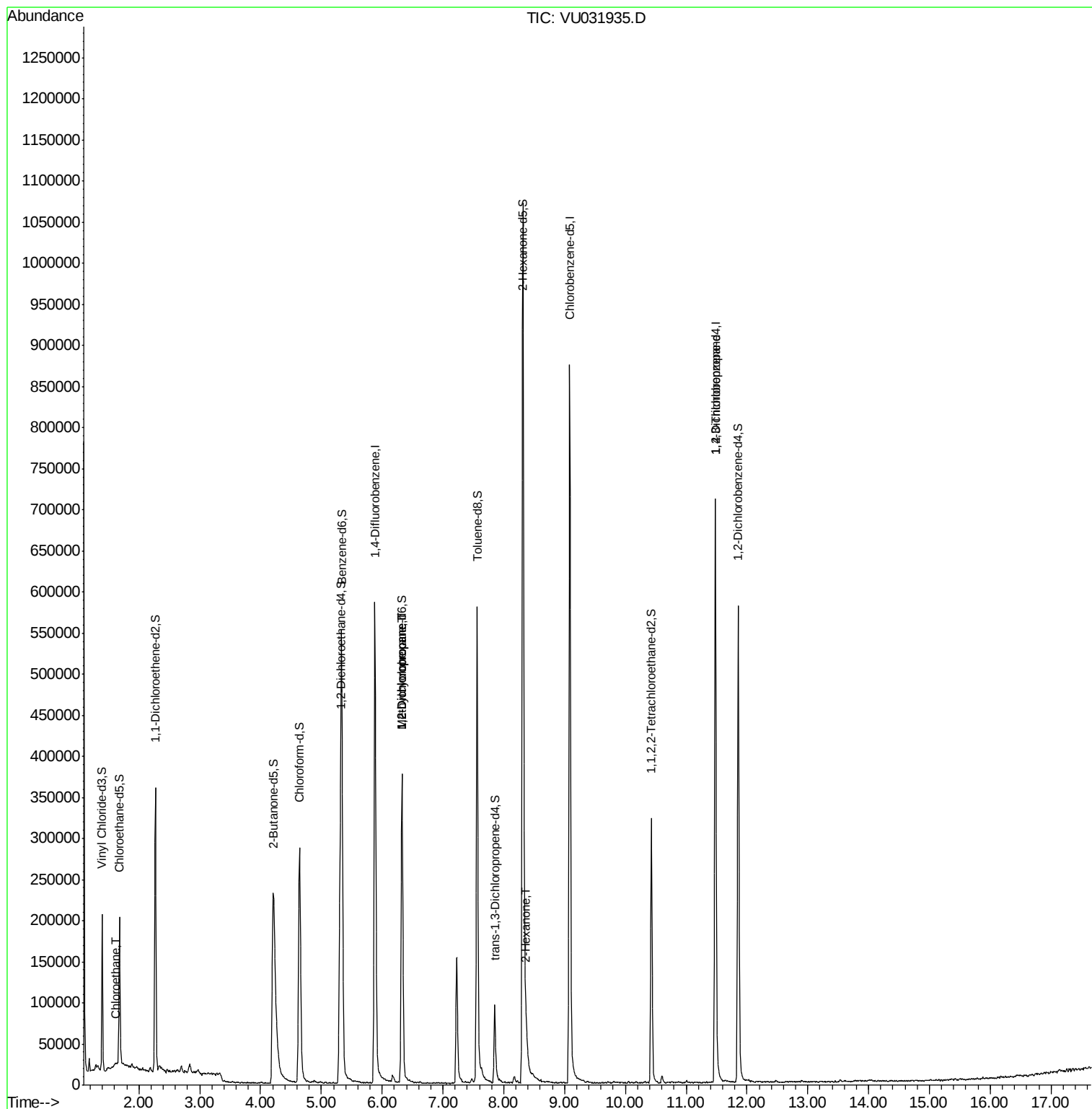
					Qvalue
8) Chloroethane	1.61	64	22193	0.668 ug/L #	56
35) Methylcyclohexane	6.32	83	42409	0.655 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20908	0.409 ug/L #	91
48) 2-Hexanone	8.37	43	32563	1.331 ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	26079	0.861 ug/L	100

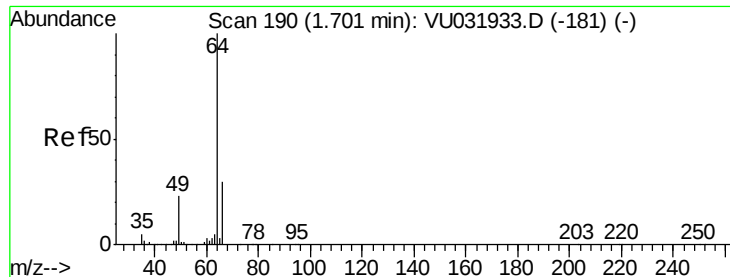
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.668 ug/L

RT: 1.61 min Scan# 163

Delta R.T. -0.09 min

Lab File: VU031935.D

Acq: 12 May 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

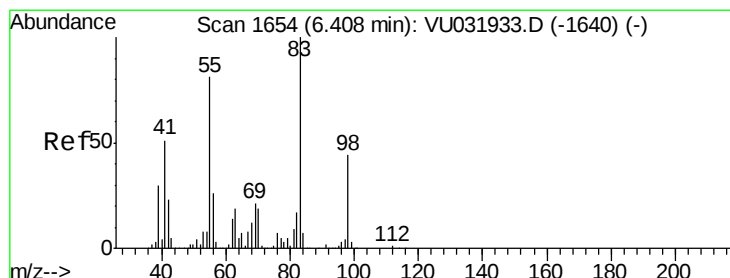
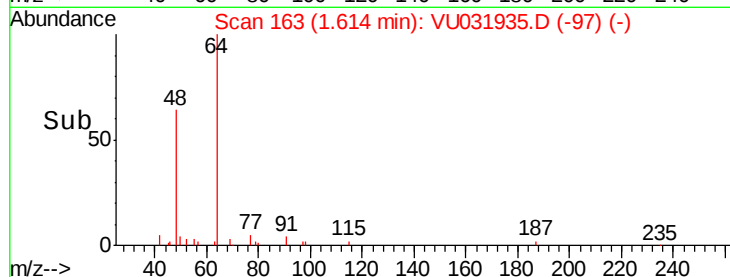
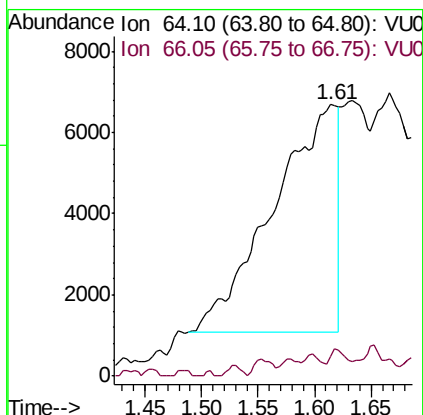
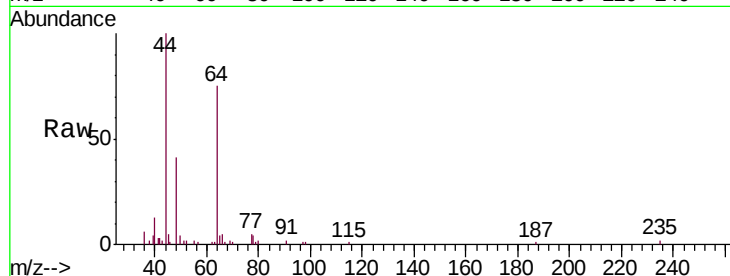
F9D50

Tgt Ion: 64 Resp: 22193

Ion Ratio Lower Upper

64 100

66 7.3 21.9 40.7#



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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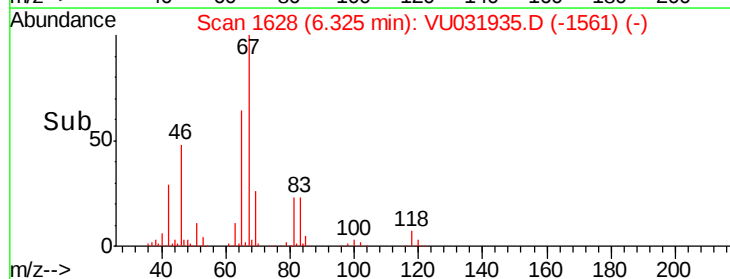
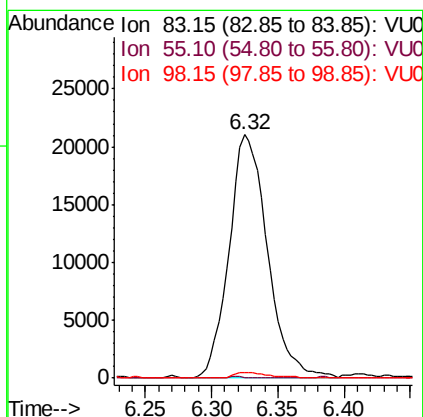
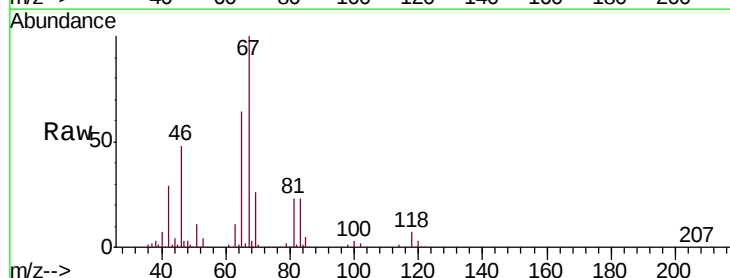
Tgt Ion: 83 Resp: 42409

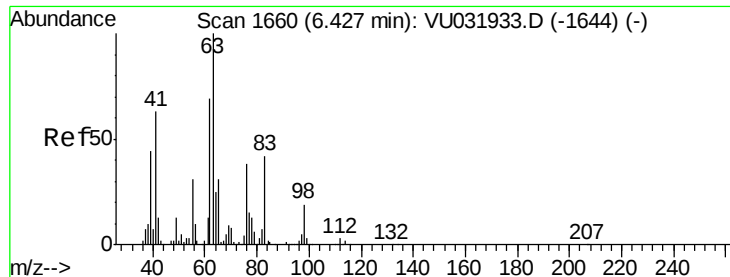
Ion Ratio Lower Upper

83 100

55 0.2 79.2 118.8#

98 2.2 34.0 51.0#





#37

1,2-Dichloropropane

Concen: 0.409 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031935.D

Acq: 12 May 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

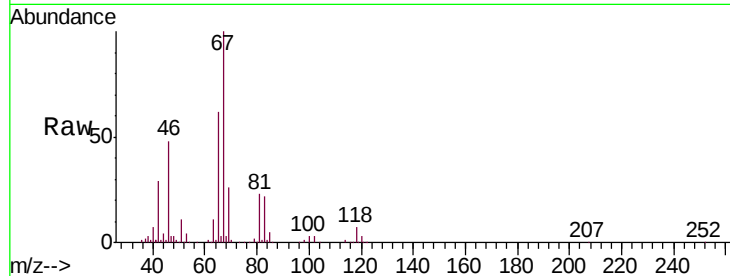
F9D50

Tgt Ion: 63 Resp: 20908

Ion Ratio Lower Upper

63 100

112 0.1 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031935.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU031935.D (-1644) (-)

6.33

12000

10000

8000

6000

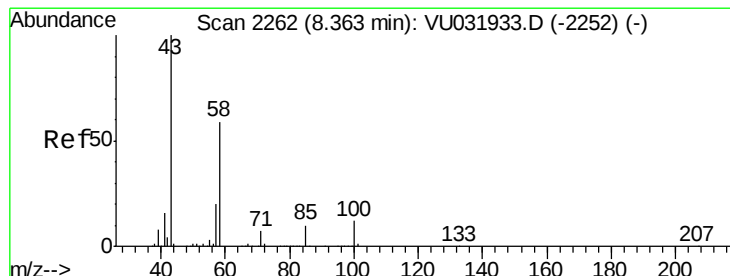
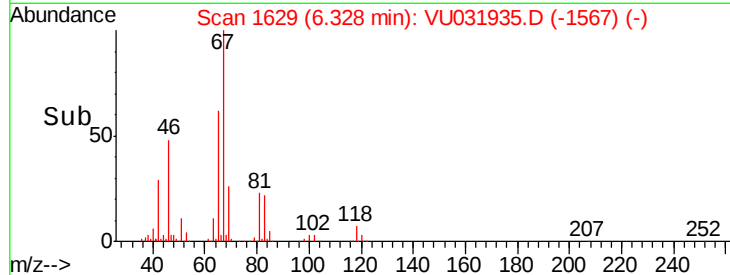
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#48

2-Hexanone

Concen: 1.331 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031935.D

Acq: 12 May 2019 11:54

Tgt Ion: 43 Resp: 32563

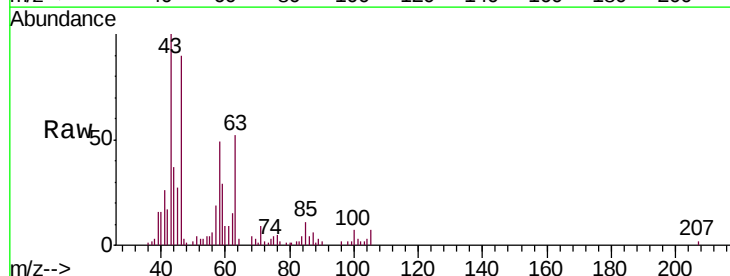
Ion Ratio Lower Upper

43 100

58 47.1 40.2 60.2

57 18.5 13.8 20.6

100 4.3 6.4 9.6#



Abundance Ion 43.05 (42.75 to 43.75): VU031935.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU031935.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU031935.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU031935.D (-2252) (-)

30000

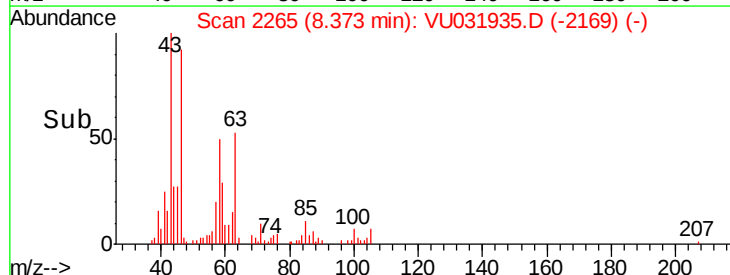
20000

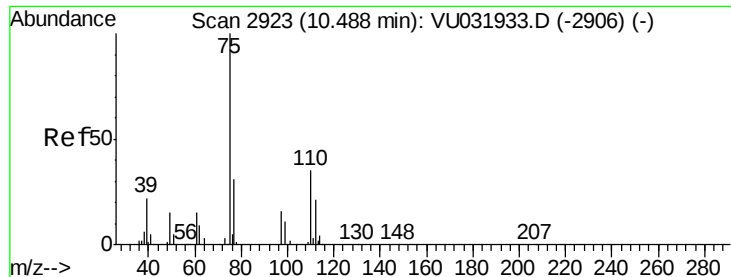
10000

0

8.30 8.35 8.40 8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.861 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031935.D

Acq: 12 May 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

F9D50

Tgt Ion: 75 Resp: 26079

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5

