

Data File : VU030541.D
Acq On : 29 Mar 2019 14:16
Operator : JC/SP
Sample : K2084-12RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Z4

Quant Time: Mar 30 01:12:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77048	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	64551	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.27	63	117608	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	188475	47.80	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.64	84	126581	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	69195	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.34	84	258758	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.33	67	89531	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.56	98	213575	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	29740	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	130927	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60225	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	72967	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

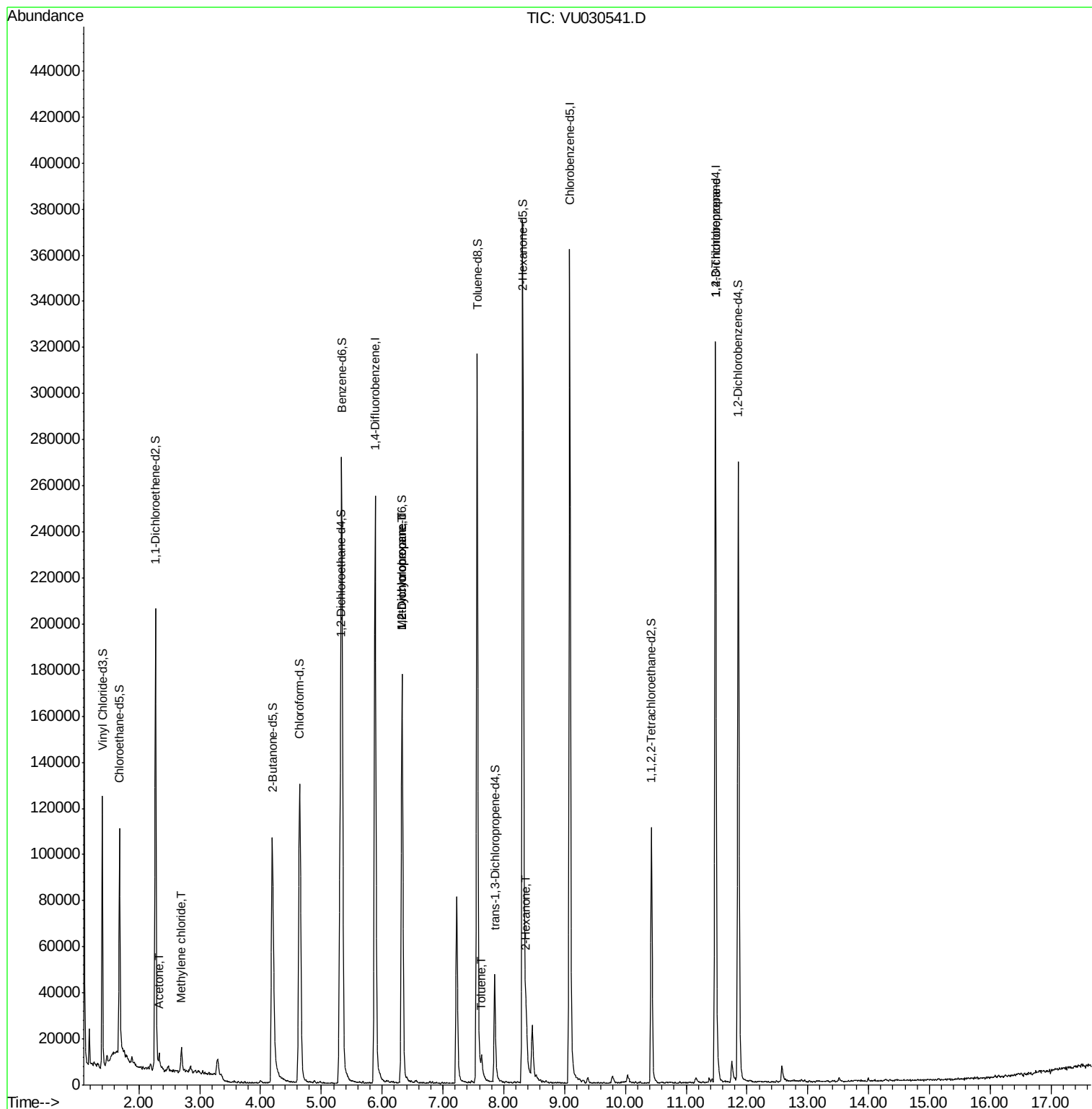
						Qvalue
13) Acetone	2.33	43	4245	1.393	ug/L	90
16) Methylene chloride	2.69	84	4260	0.250	ug/L	82
35) Methylcyclohexane	6.33	83	18800	0.692	ug/L #	13
37) 1,2-Dichloropropane	6.32	63	9014	0.481	ug/L #	89
42) Toluene	7.64	91	6340	0.093	ug/L	97
48) 2-Hexanone	8.37	43	11101	1.372	ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	11738	1.122	ug/L	94

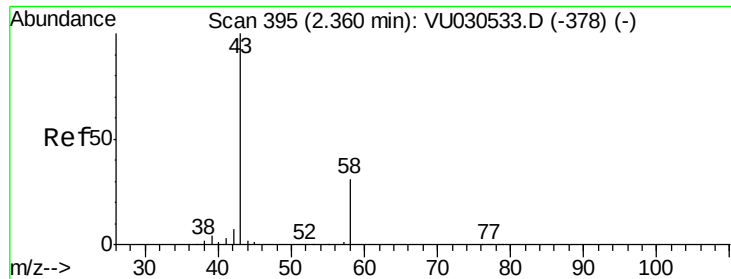
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.393 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.03 min

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Acq: 29 Mar 2019 14:16

Instrument :

MSVOA_U

ClientSampleId :

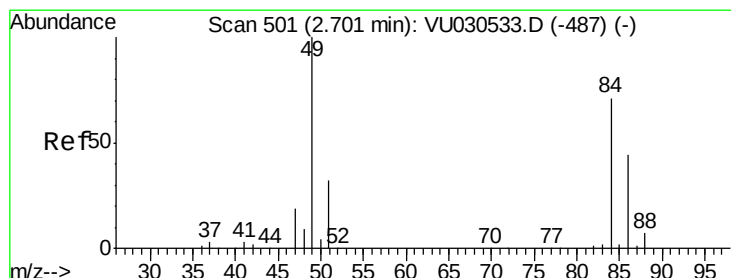
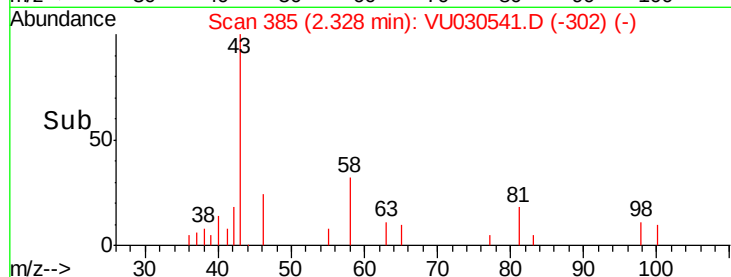
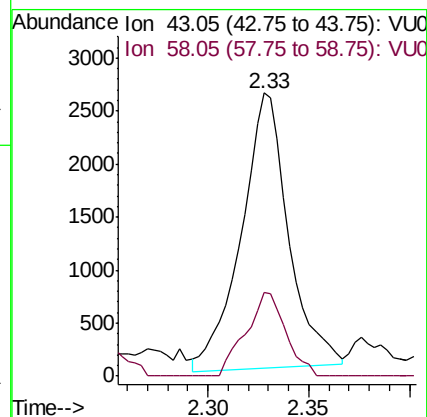
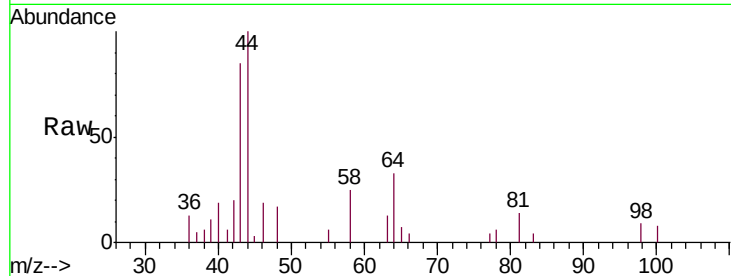
BF7Z4

Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

58 25.8 0.0 62.8



#16

Methylene chloride

Concen: 0.250 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.01 min

Lab File: VU030541.D

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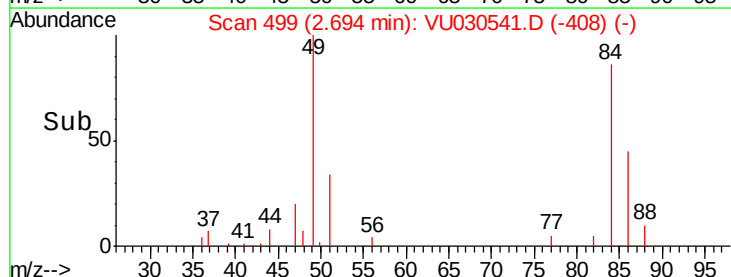
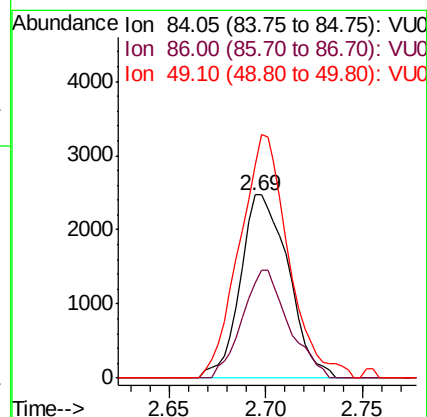
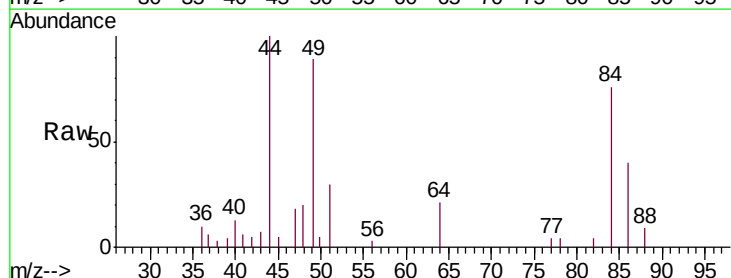
Tgt Ion: 84 Resp: 4260

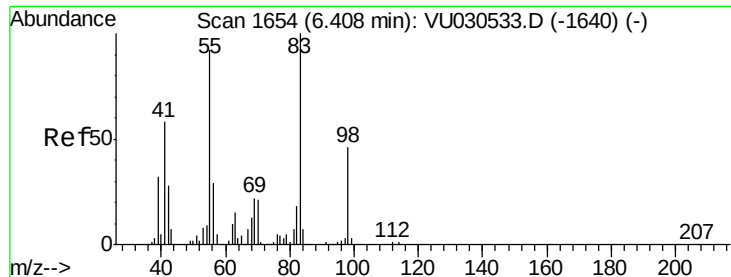
Ion Ratio Lower Upper

84 100

86 51.9 43.4 80.6

49 116.2 98.5 182.9





#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030541.D

Acq: 29 Mar 2019 14:16

Instrument :

MSVOA_U

ClientSampleId :

BF7Z4

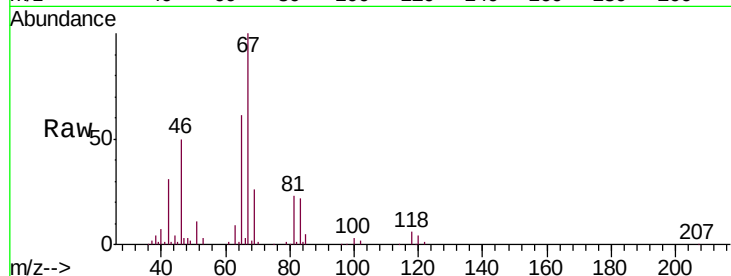
Tgt Ion: 83 Resp: 18800

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

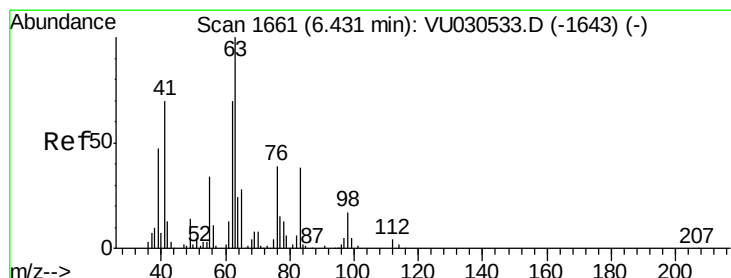
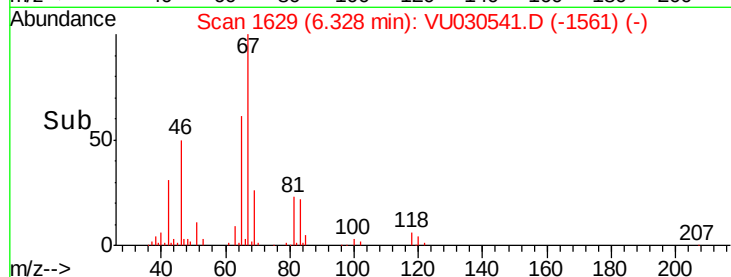
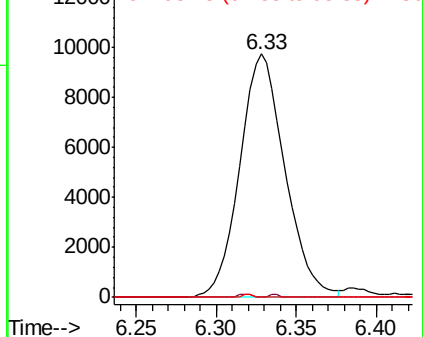
98 0.0 35.0 52.6#



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: 0.481 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030541.D

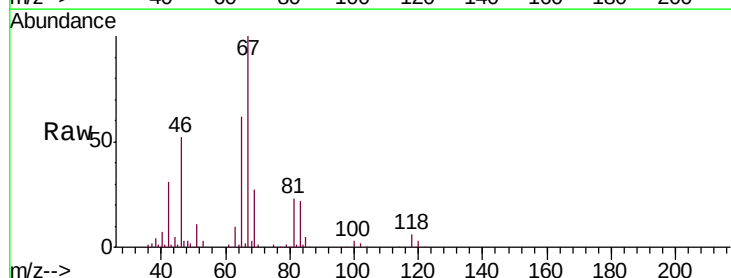
Acq: 29 Mar 2019 14:16

Tgt Ion: 63 Resp: 9014

Ion Ratio Lower Upper

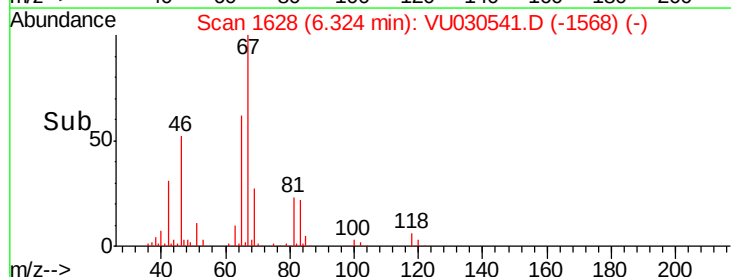
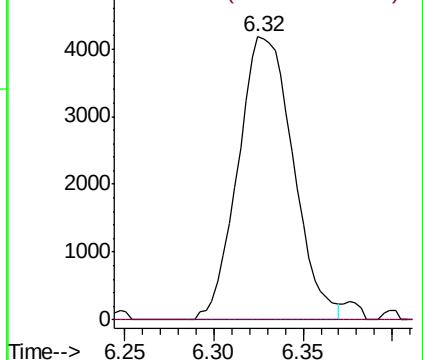
63 100

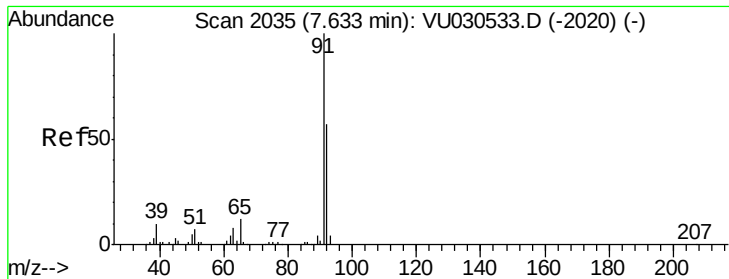
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU030541.D

Acq: 29 Mar 2019 14:16

Instrument :

MSVOA_U

ClientSampleId :

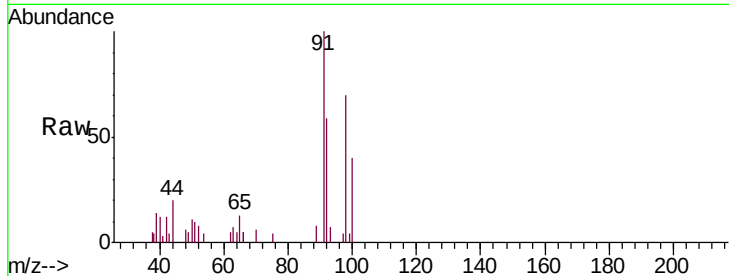
BF7Z4

Tgt Ion: 91 Resp: 6340

Ion Ratio Lower Upper

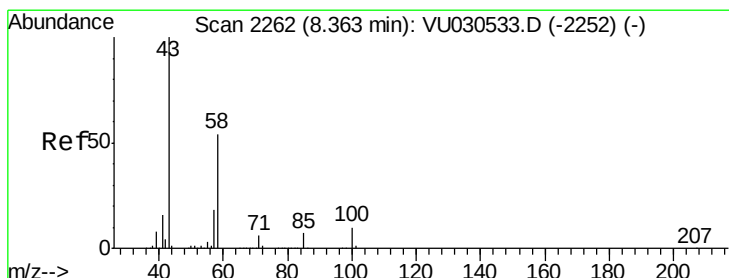
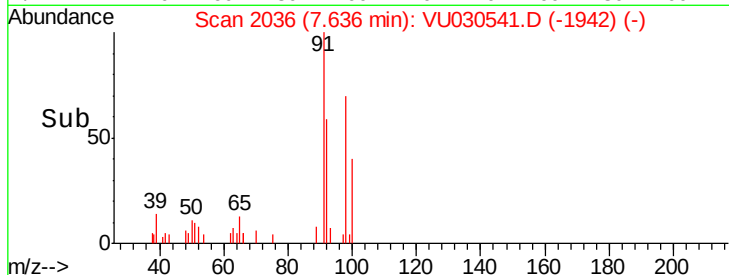
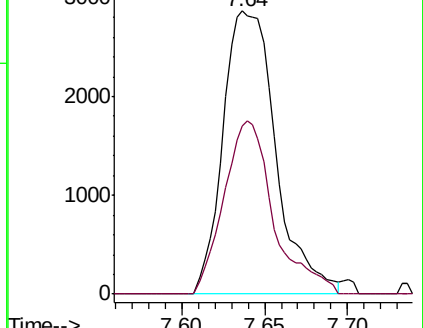
91 100

92 59.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU030533.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU030533.D (-2020) (-)



#48

2-Hexanone

Concen: 1.372 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030541.D

Acq: 29 Mar 2019 14:16

Tgt Ion: 43 Resp: 11101

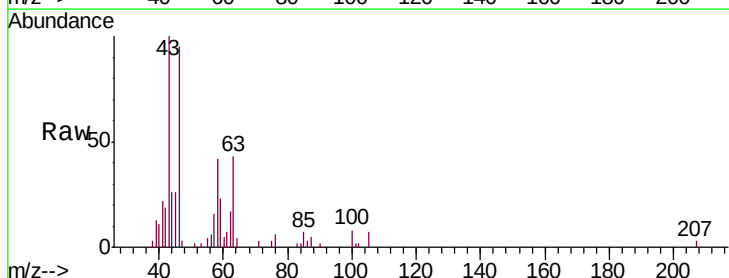
Ion Ratio Lower Upper

43 100

58 52.1 42.5 63.7

57 26.2 13.9 20.9#

100 5.3 7.1 10.7#

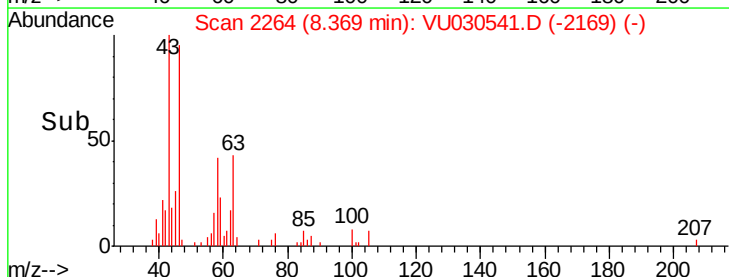
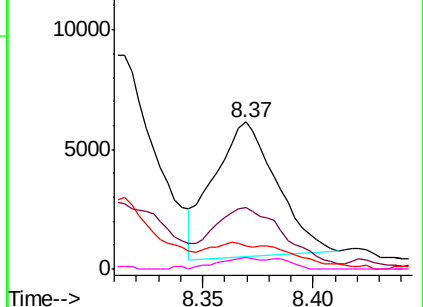


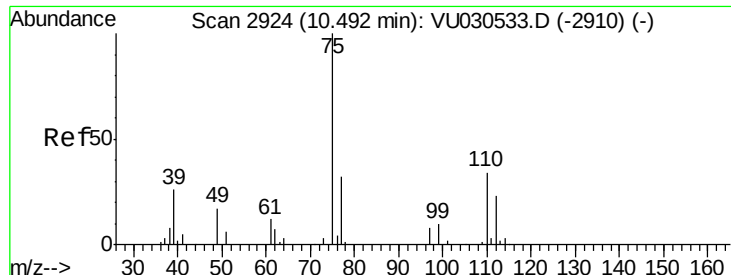
Abundance Ion 43.05 (42.75 to 43.75): VU030533.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU030533.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU030533.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU030533.D (-2252) (-)





#59

1,2,3-Trichloropropane

Concen: 1.122 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030541.D

Acq: 29 Mar 2019 14:16

Instrument :

MSVOA_U

ClientSampleId :

BF7Z4

Tgt Ion: 75 Resp: 11738

Ion Ratio Lower Upper

75 100

77 35.5 25.6 38.4

