

Data File : VU030540.D
Acq On : 29 Mar 2019 13:40
Operator : JC/SP
Sample : K2084-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Z2

Quant Time: Mar 30 01:12:40 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	207973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79737	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	68011	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.27	63	123800	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.20	46	202662	49.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.98%
24) Chloroform-d	4.65	84	136642	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	74429	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.34	84	273623	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	93408	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.56	98	230127	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.85	79	31786	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	147438	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67175	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	75518	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

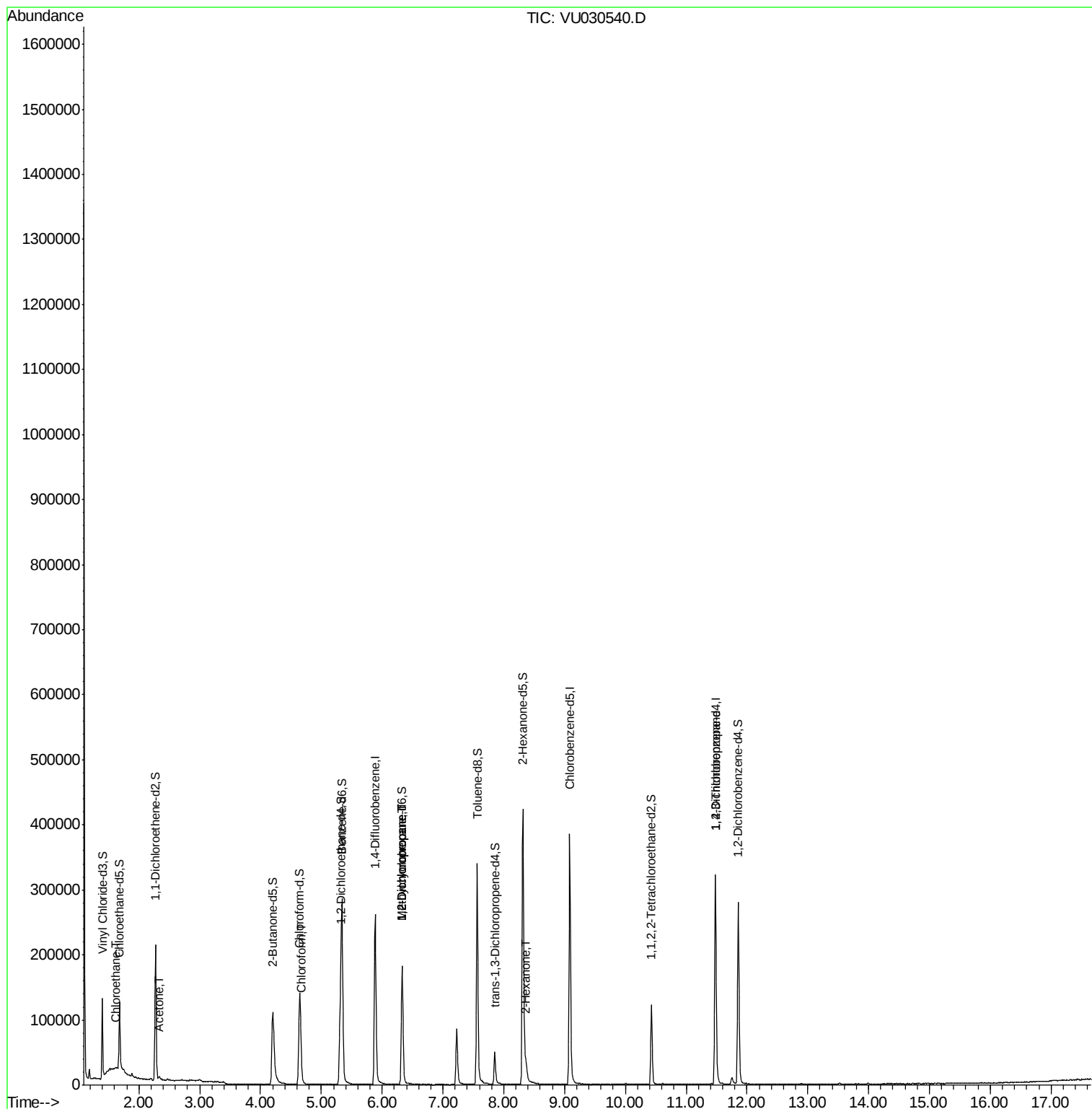
					Qvalue	
8) Chloroethane	1.61	64	2404	0.170	ug/L #	53
13) Acetone	2.34	43	3431	1.084	ug/L	74
25) Chloroform	4.68	83	10825	0.350	ug/L	99
35) Methylcyclohexane	6.33	83	19087	0.658	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9211	0.461	ug/L #	90
48) 2-Hexanone	8.37	43	13879	1.608	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	11675	1.046	ug/L	94

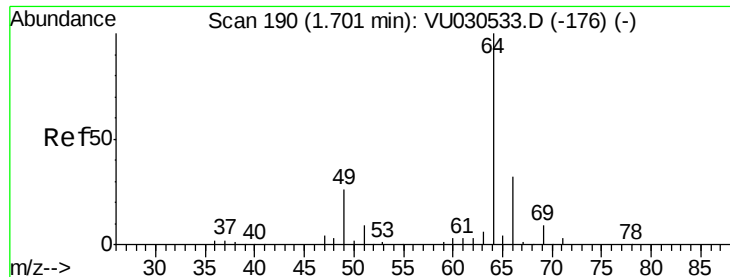
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.170 ug/L

RT: 1.61 min Scan# 162

Delta R.T. -0.09 min

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Acq: 29 Mar 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

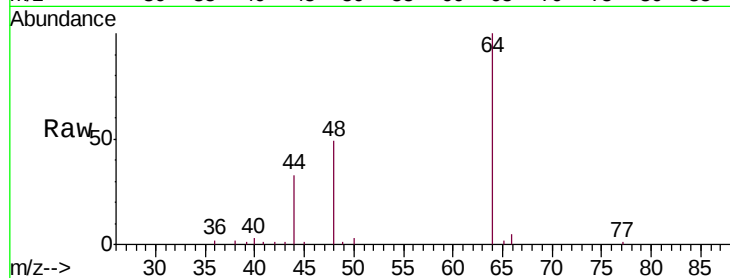
BF7Z2

Tgt Ion: 64 Resp: 2404

Ion Ratio Lower Upper

64 100

66 5.5 22.1 41.1#



Abundance Ion 64.10 (63.80 to 64.80): VU030540.D (-162) (-)

Ion 66.05 (65.75 to 66.75): VU030540.D (-162) (-)

1.61

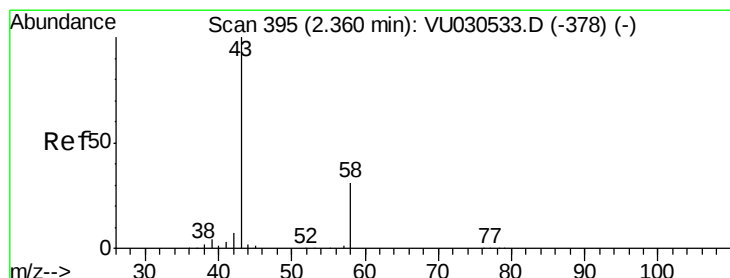
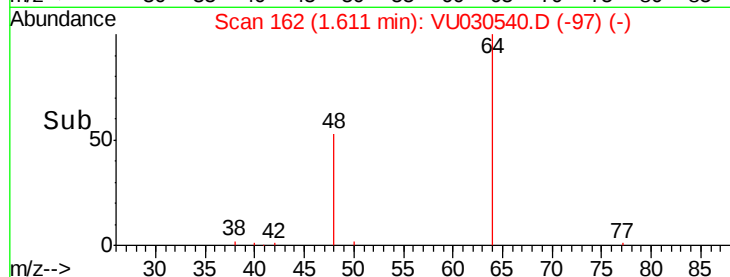
15000

10000

5000

0

Time-->



#13

Acetone

Concen: 1.084 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU030540.D

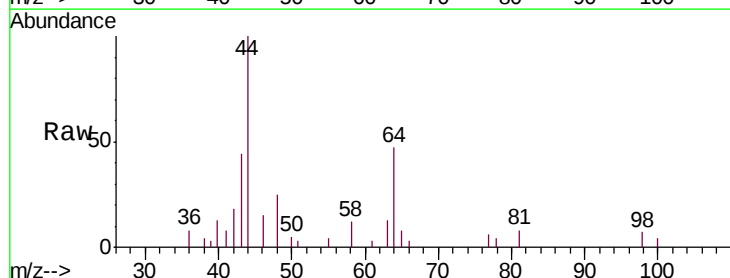
Acq: 29 Mar 2019 13:40

Tgt Ion: 43 Resp: 3431

Ion Ratio Lower Upper

43 100

58 17.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030540.D (-389) (-)

Ion 58.05 (57.75 to 58.75): VU030540.D (-389) (-)

2.34

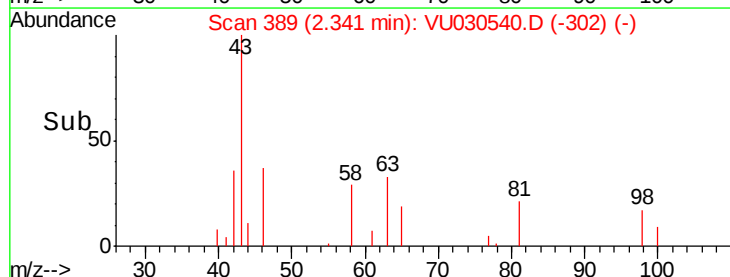
1500

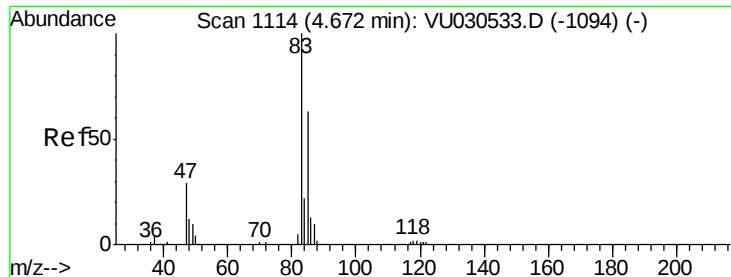
1000

500

0

Time-->





#25

Chloroform

Concen: 0.350 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU030540.D

Acq: 29 Mar 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

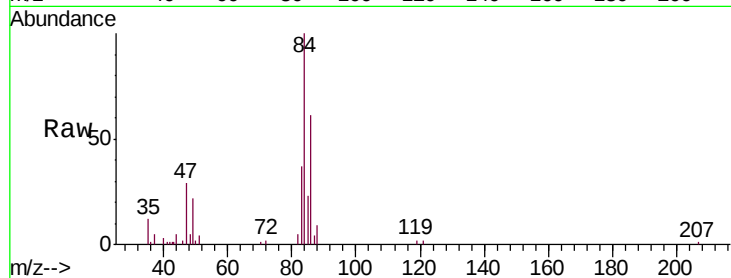
BF7Z2

Tgt Ion: 83 Resp: 10825

Ion Ratio Lower Upper

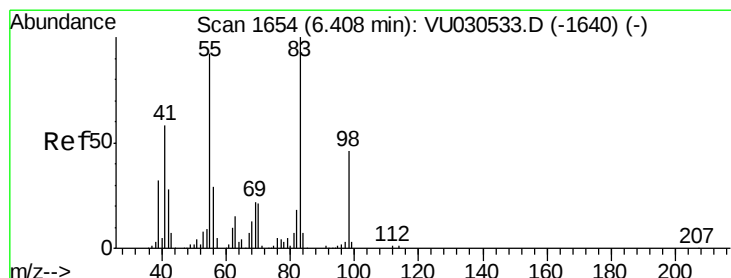
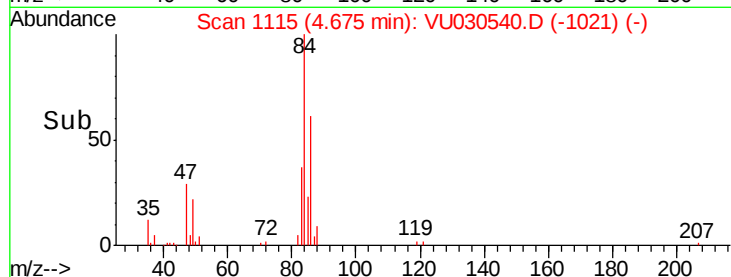
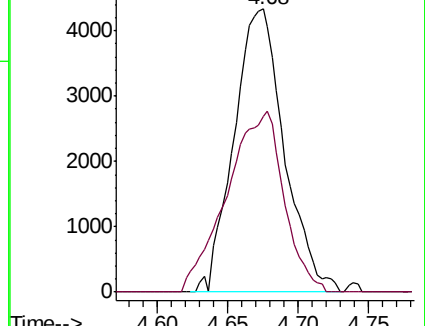
83 100

85 62.2 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030533.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030533.D (-1094) (-)



#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030540.D

Acq: 29 Mar 2019 13:40

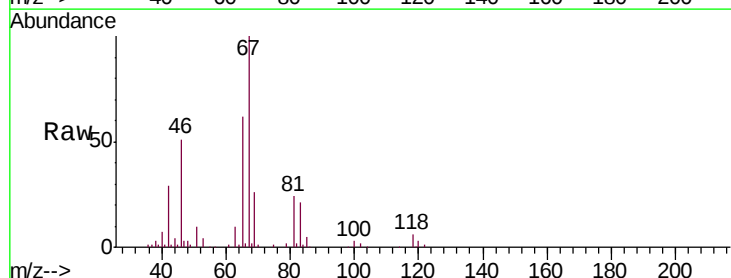
Tgt Ion: 83 Resp: 19087

Ion Ratio Lower Upper

83 100

55 0.6 72.6 108.8#

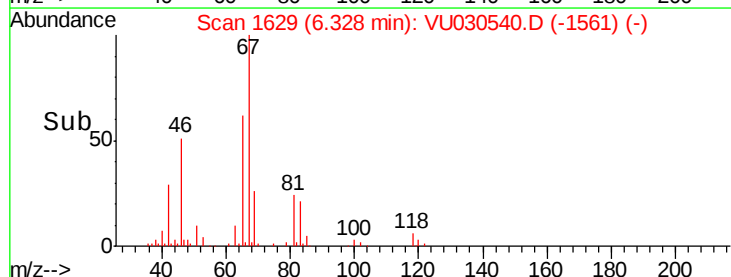
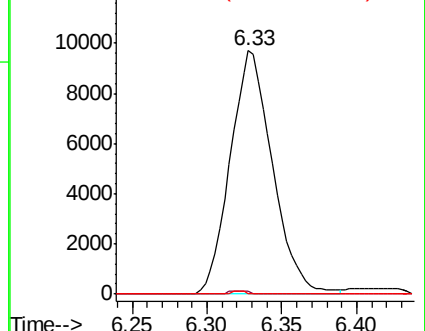
98 0.4 35.0 52.6#

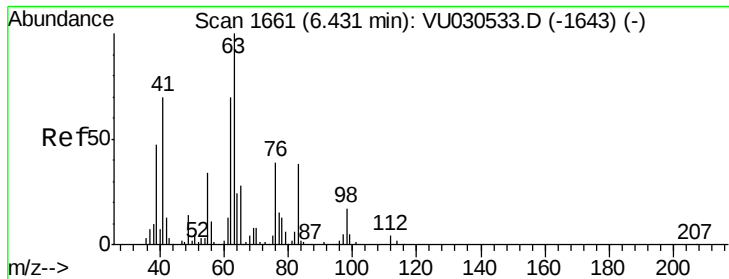


Abundance Ion 83.15 (82.85 to 83.85): VU030533.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU030533.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU030533.D (-1640) (-)

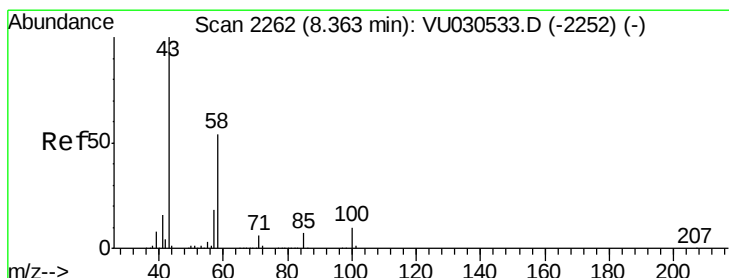
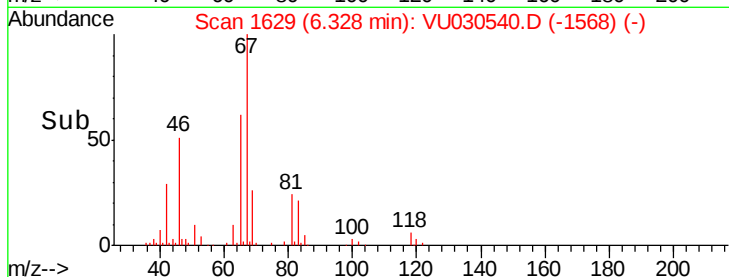
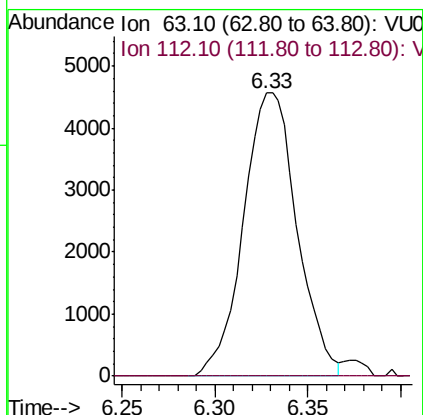
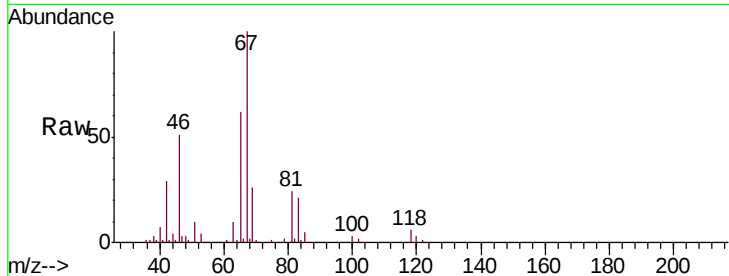




#37
 1,2-Dichloropropane
 Concen: 0.461 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030540.D
 Acq: 29 Mar 2019 13:40

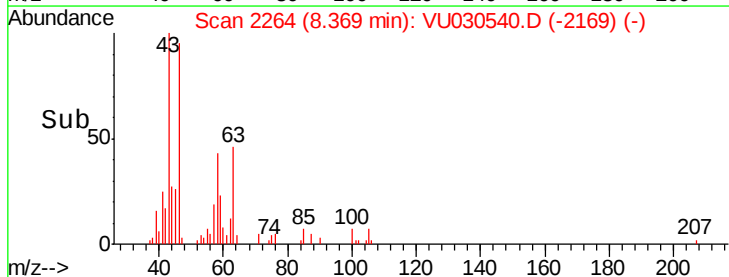
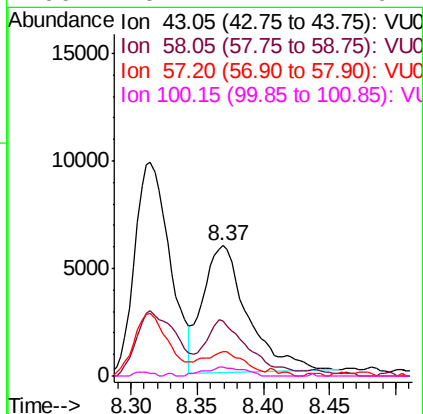
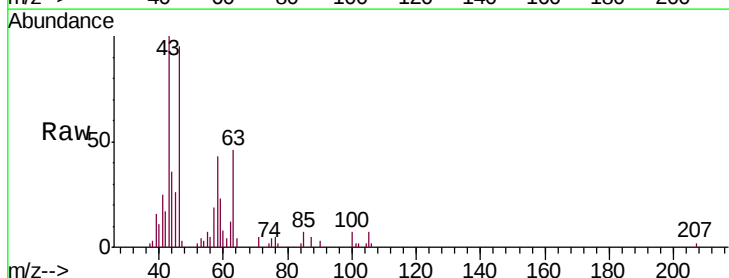
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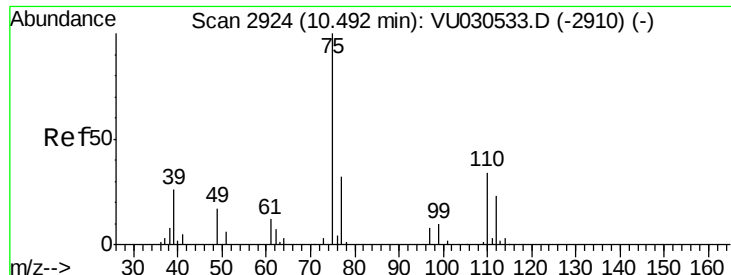
Tgt Ion: 63 Resp: 9211
 Ion Ratio Lower Upper
 63 100
 112 0.2 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.608 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030540.D
 Acq: 29 Mar 2019 13:40

Tgt Ion: 43 Resp: 13879
 Ion Ratio Lower Upper
 43 100
 58 43.2 42.5 63.7
 57 18.5 13.9 20.9
 100 6.2 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 1.046 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030540.D

Acq: 29 Mar 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

BF7Z2

Tgt Ion: 75 Resp: 11675

Ion Ratio Lower Upper

75 100

77 35.3 25.6 38.4

