

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030939.D
 Acq On : 09 Apr 2019 06:39
 Operator : JC/SP
 Sample : K2286-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZD9

Quant Time: Apr 09 08:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 07:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89601	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.68	69	80587	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.27	63	139887	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	284089	64.74	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.48%
24) Chloroform-d	4.64	84	156949	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	94978	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.00%
32) Benzene-d6	5.33	84	316518	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.33	67	109855	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.56	98	250714	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	33837	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.31	63	177607	55.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88887	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	87545	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

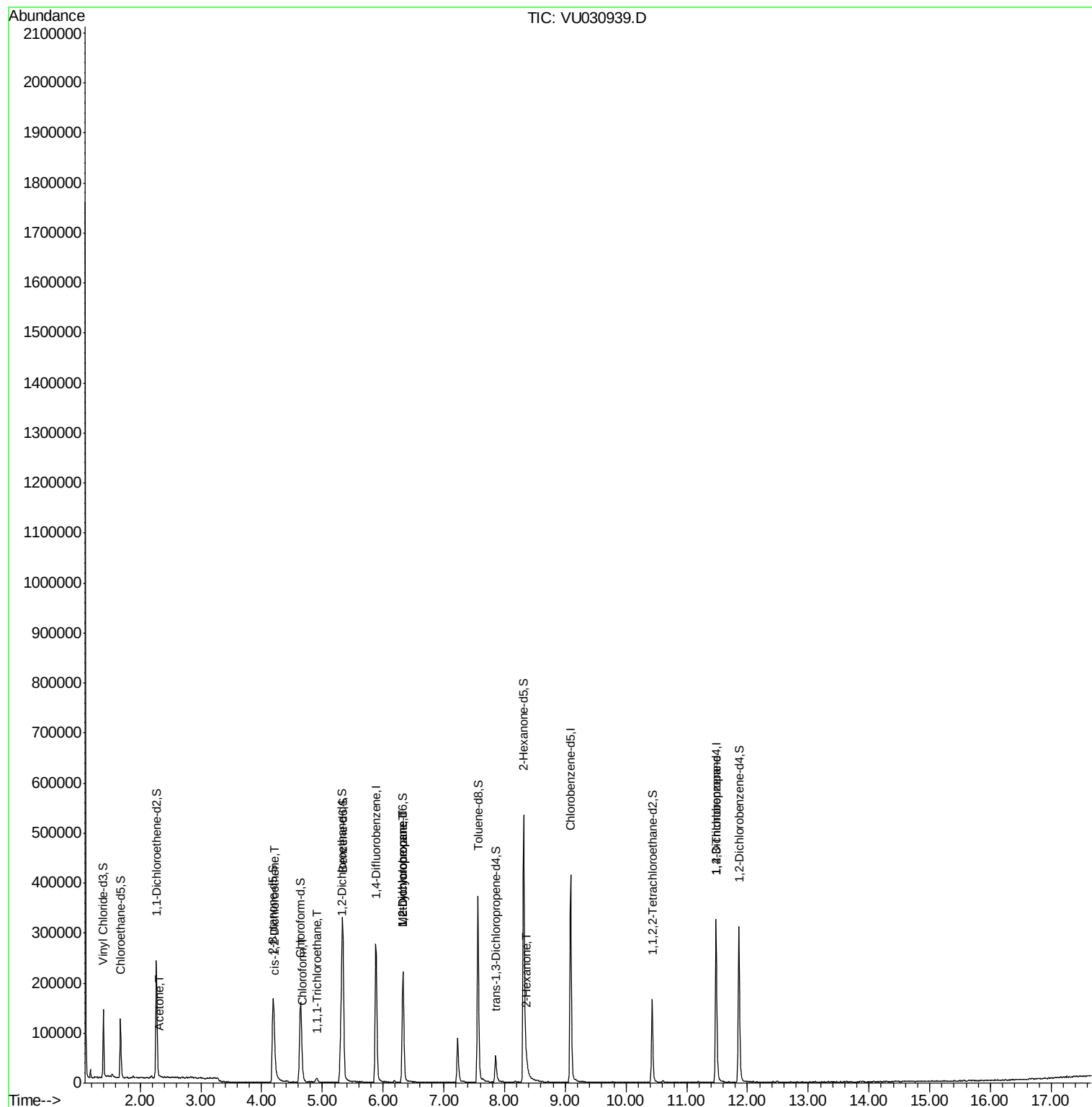
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	3534	1.042	ug/L	77
22) cis-1,2-Dichloroethene	4.22	96	3750	0.205	ug/L	89
25) Chloroform	4.68	83	14266	0.431	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	5905	0.206	ug/L	94
35) Methylcyclohexane	6.33	83	24705	0.812	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	11348	0.541	ug/L #	91
48) 2-Hexanone	8.37	43	11507	1.270	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	10905	0.931	ug/L	91

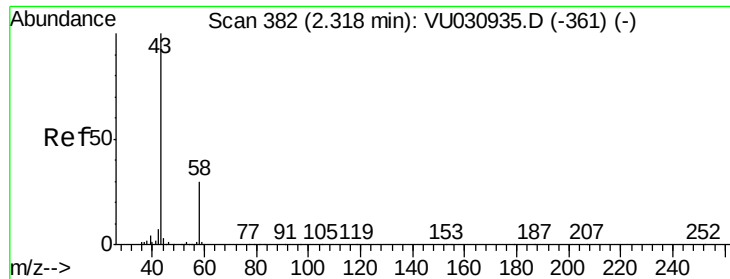
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.042 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.04 min

Lab File: VU030939.D

Acq: 09 Apr 2019 06:39

Instrument :

MSVOA_U

ClientSampleId :

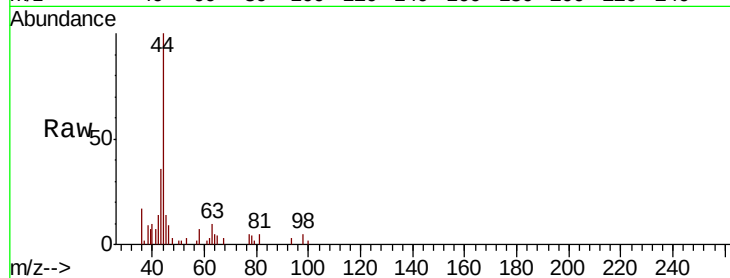
BEZD9

Tot Ion: 43 Resp: 3534

Ion Ratio Lower Upper

43 100

58 18.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030939.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030939.D (-361) (-)

2000

1500

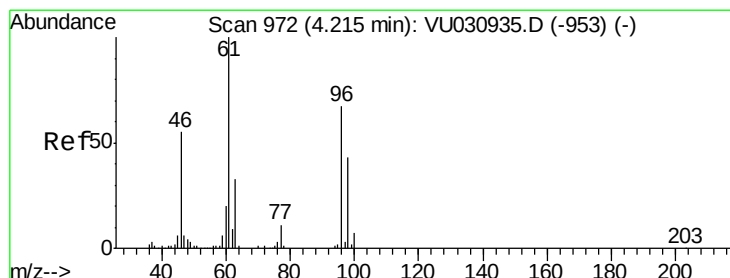
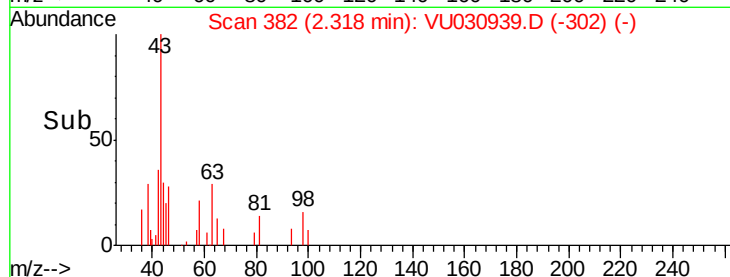
1000

500

0

2.25 2.30 2.35 2.40

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.01 min

Lab File: VU030939.D

Acq: 09 Apr 2019 06:39

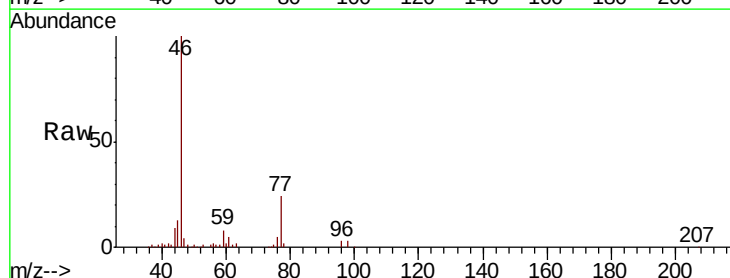
Tgt Ion: 96 Resp: 3750

Ion Ratio Lower Upper

96 100

61 154.6 98.9 183.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030939.D (-882) (-)

Ion 61.05 (60.75 to 61.75): VU030939.D (-882) (-)

Ion 68.15 (67.85 to 68.85): VU030939.D (-882) (-)

3000

2500

2000

1500

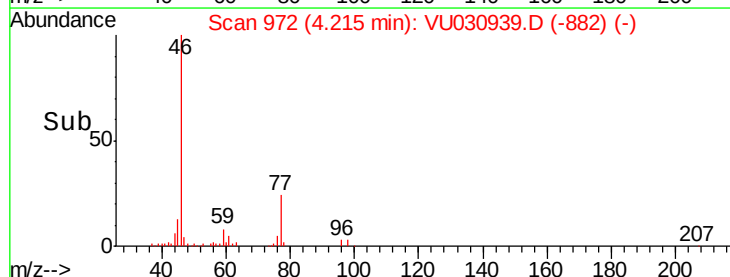
1000

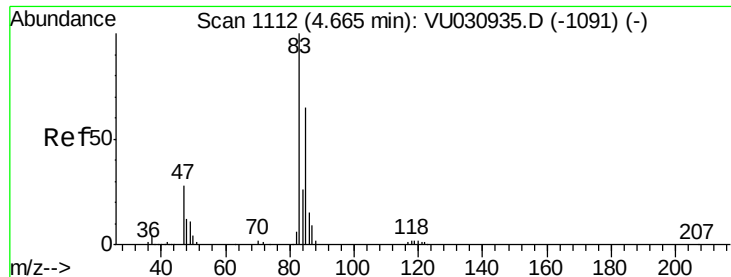
500

0

4.15 4.20 4.25 4.30

Time-->





#25

Chloroform

Concen: 0.431 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU030939.D

Acq: 09 Apr 2019 06:39

Instrument :

MSVOA_U

ClientSampleId :

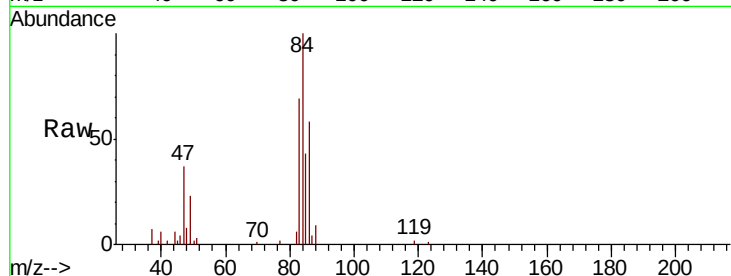
BEZD9

Tot Ion: 83 Resp: 14266

Ion Ratio Lower Upper

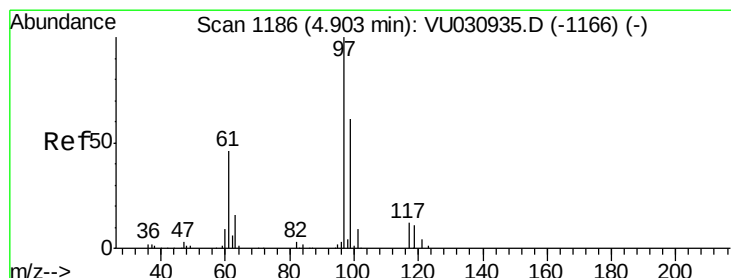
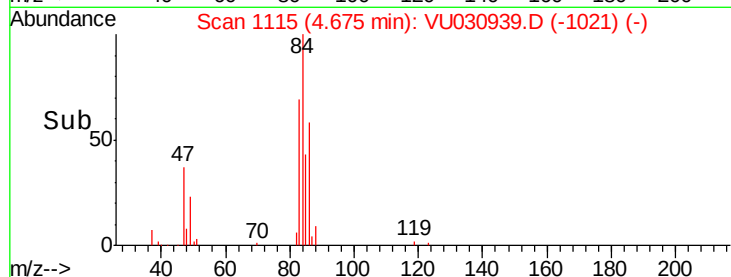
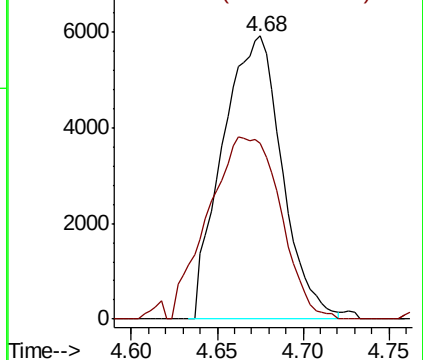
83 100

85 62.0 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#29

1,1,1-Trichloroethane

Concen: 0.206 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU030939.D

Acq: 09 Apr 2019 06:39

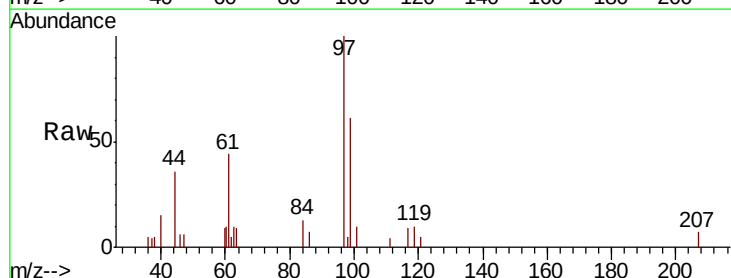
Tgt Ion: 97 Resp: 5905

Ion Ratio Lower Upper

97 100

99 59.9 51.8 77.6

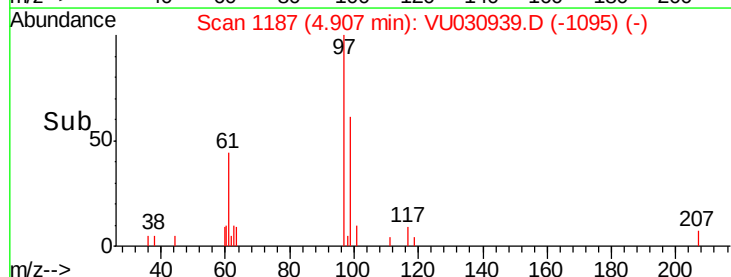
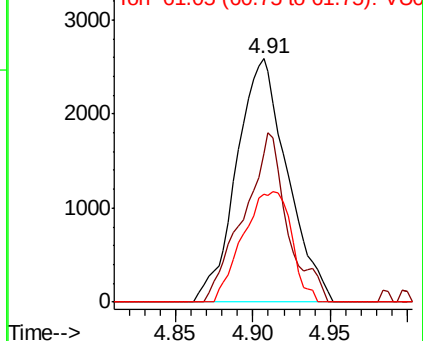
61 43.2 38.1 57.1

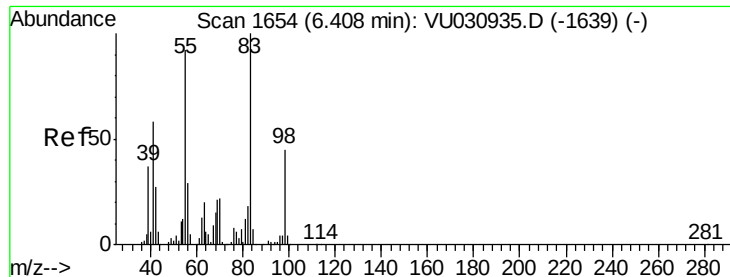


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030939.D

Acq: 09 Apr 2019 06:39

Instrument :

MSVOA_U

ClientSampleId :

BEZD9

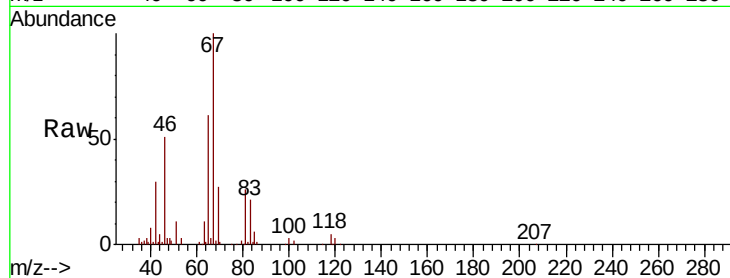
Tot Ion: 83 Resp: 24705

Ion Ratio Lower Upper

83 100

55 0.1 72.6 108.8#

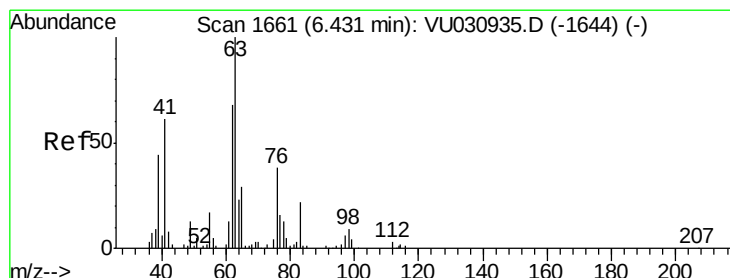
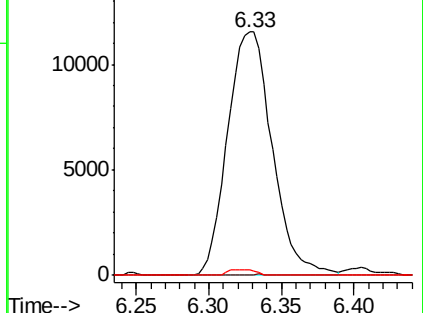
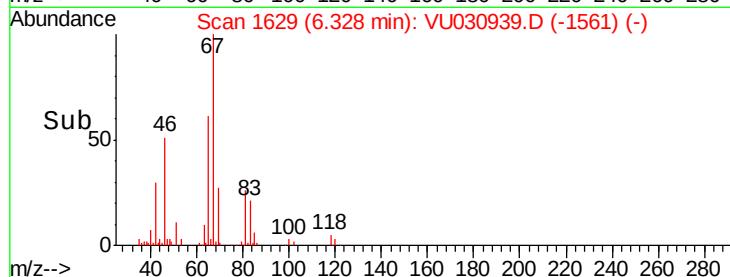
98 1.4 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU030939.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU030939.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU030939.D (-1561) (-)



#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030939.D

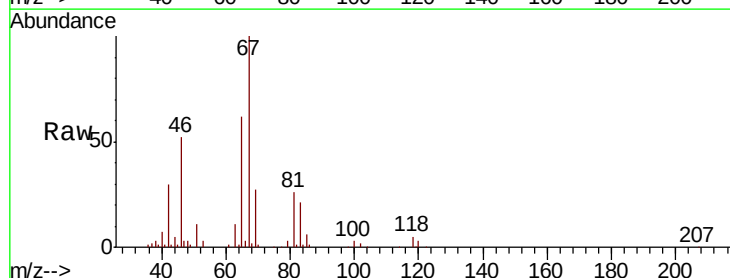
Acq: 09 Apr 2019 06:39

Tgt Ion: 63 Resp: 11348

Ion Ratio Lower Upper

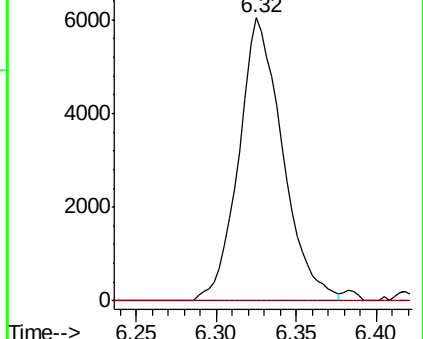
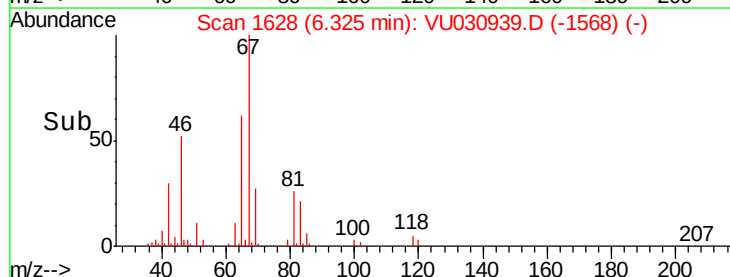
63 100

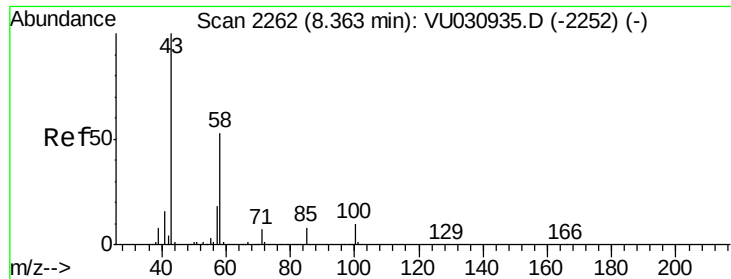
112 0.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030939.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VU030939.D (-1568) (-)

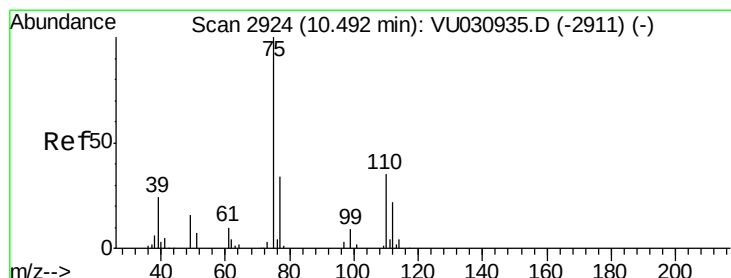
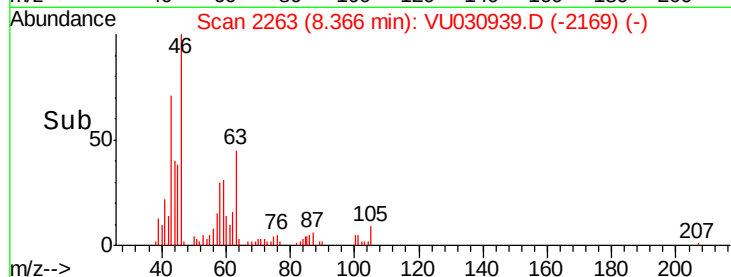
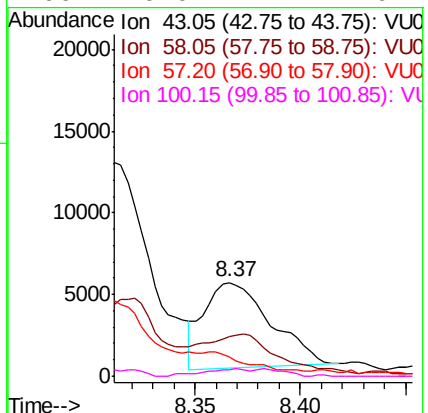
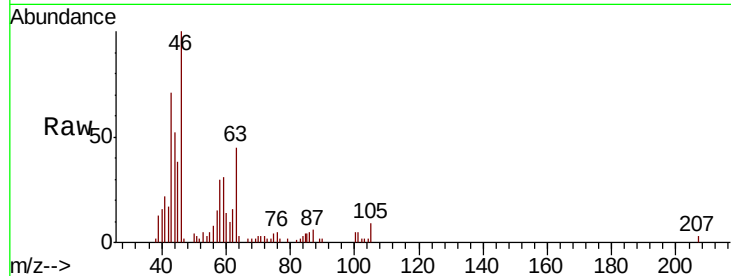




#48
2-Hexanone
Concen: 1.270 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU030939.D
Acq: 09 Apr 2019 06:39

Instrument :
MSVOA_U
ClientSampleId :
BEZD9

Tot Ion: 43 Resp: 11507
Ion Ratio Lower Upper
43 100
58 56.3 42.5 63.7
57 0.0 13.9 20.9#
100 6.0 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 0.931 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030939.D
Acq: 09 Apr 2019 06:39

Tgt Ion: 75 Resp: 10905
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4

