

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030961.D
 Acq On : 09 Apr 2019 16:32
 Operator : JC/SP
 Sample : K2283-10DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88DL

Quant Time: Apr 10 02:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74426	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	69695	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.27	63	112591	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.19	46	247083	57.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.56%
24) Chloroform-d	4.64	84	131985	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	84832	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.33	84	267793	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	96944	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	209347	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.85	79	30903	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	149681	46.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81944	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	77035	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

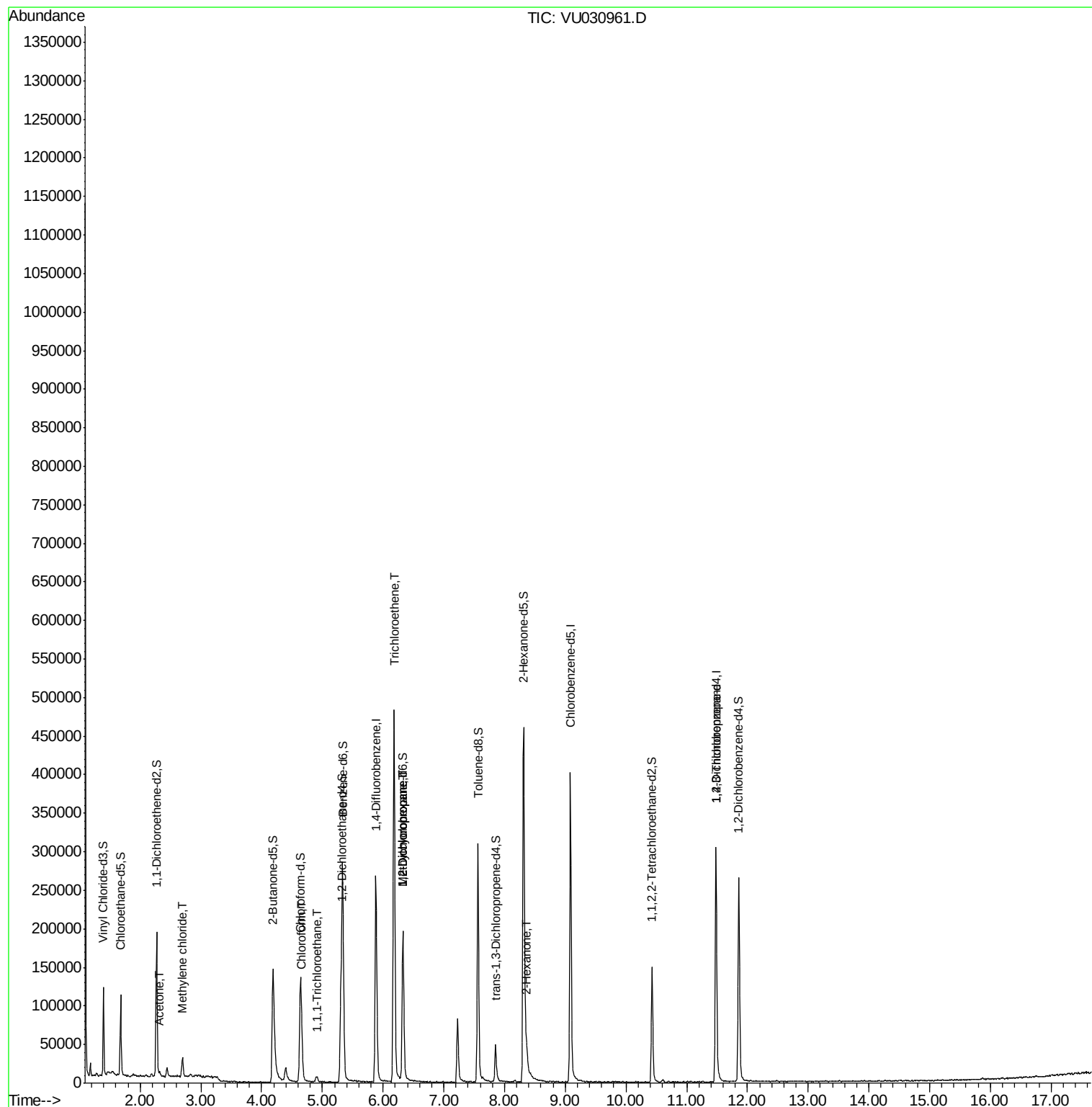
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	5311	1.592	ug/L	87
16) Methylene chloride	2.69	84	10101	0.542	ug/L	96
25) Chloroform	4.67	83	18253	0.561	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	5509	0.193	ug/L #	81
34) Trichloroethene	6.18	95	173011	9.124	ug/L	93
35) Methylcyclohexane	6.33	83	21225	0.701	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	10612	0.509	ug/L #	91
48) 2-Hexanone	8.37	43	12650	1.404	ug/L #	96
59) 1,2,3-Trichloropropane	11.48	75	11028	0.947	ug/L #	88

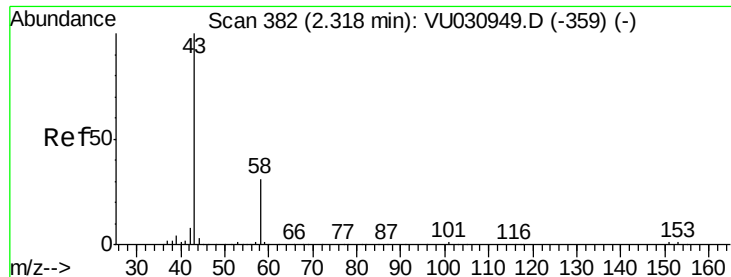
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.592 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

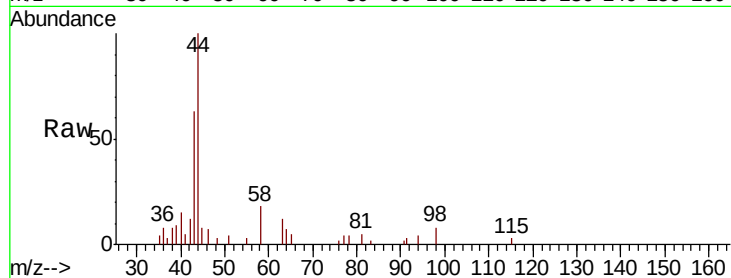
BEZ88DL

Tot Ion: 43 Resp: 5311

Ion Ratio Lower Upper

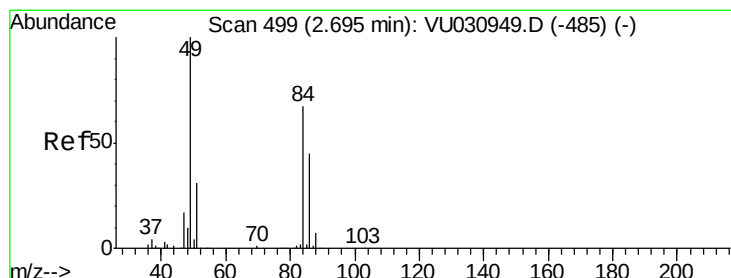
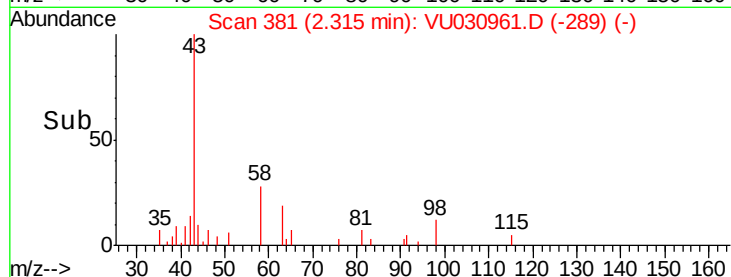
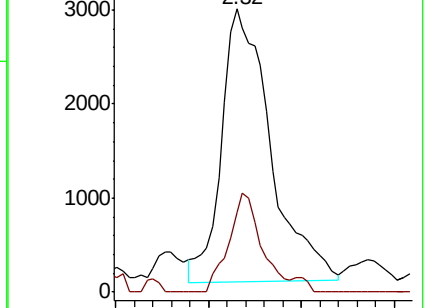
43 100

58 24.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU030949.D (-359) (-)



#16

Methylene chloride

Concen: 0.542 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

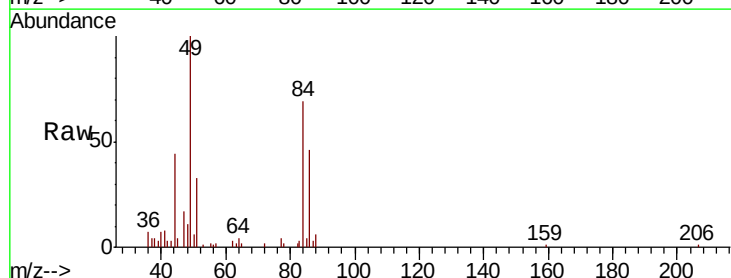
Tgt Ion: 84 Resp: 10101

Ion Ratio Lower Upper

84 100

86 66.3 43.4 80.6

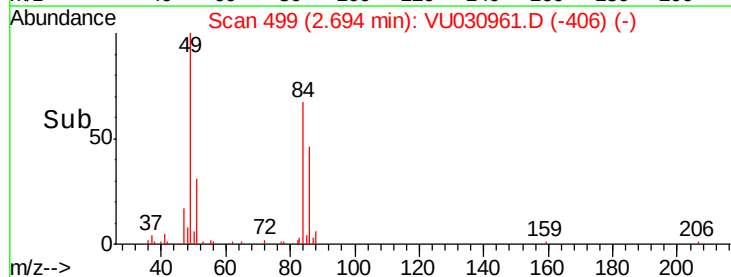
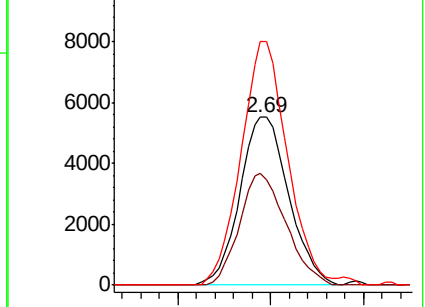
49 144.9 98.5 182.9

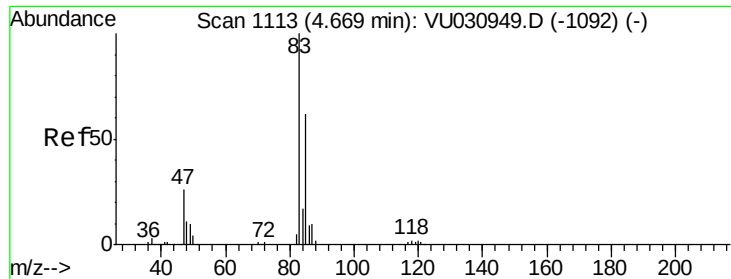


Abundance Ion 84.05 (83.75 to 84.75): VU030949.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU030949.D (-485) (-)

Ion 49.10 (48.80 to 49.80): VU030949.D (-485) (-)

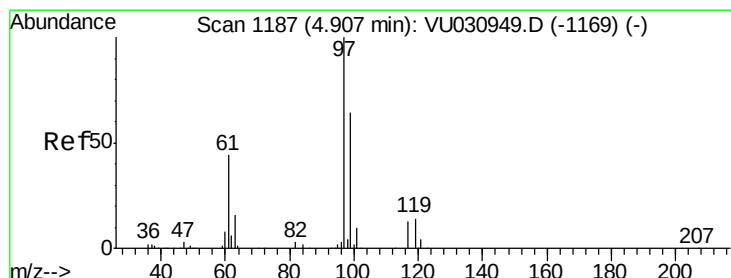
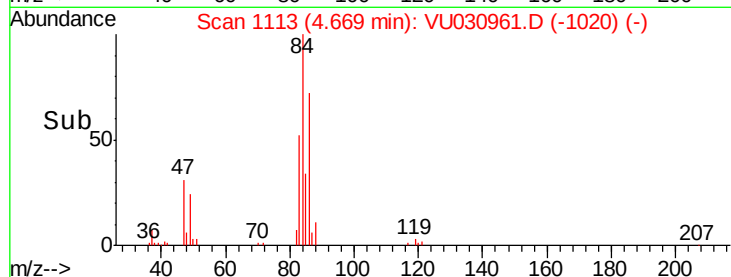
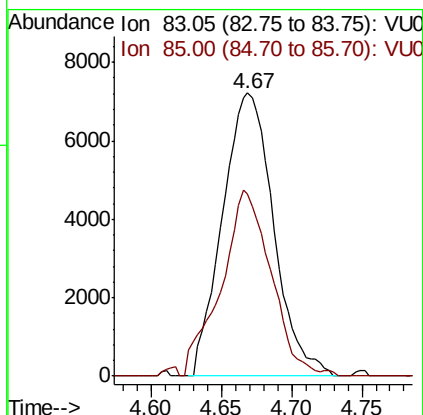
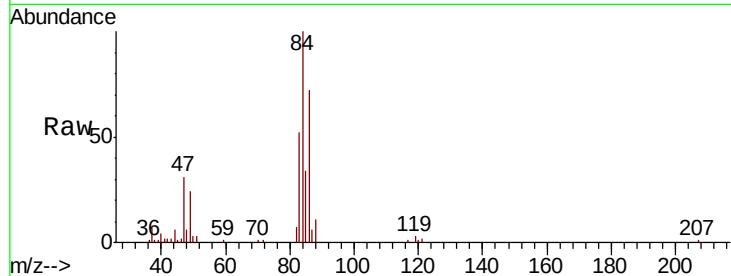




#25
Chloroform
Concen: 0.561 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030961.D
Acq: 09 Apr 2019 16:32

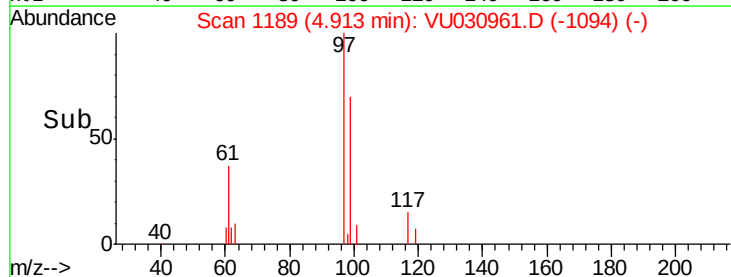
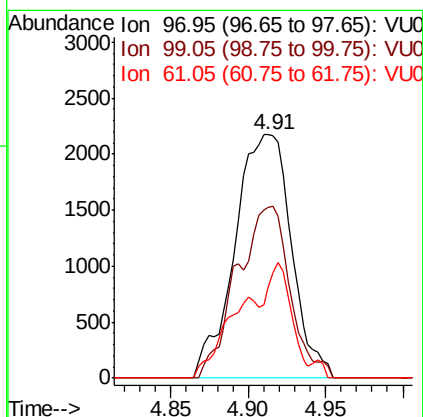
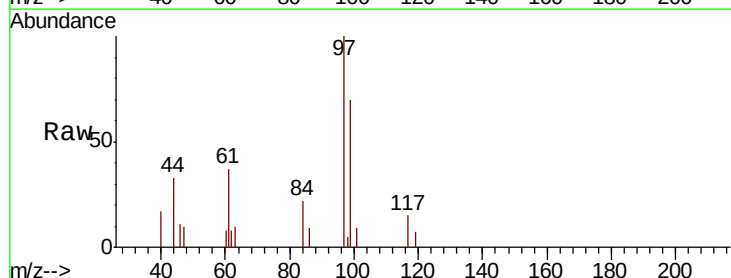
Instrument :
MSVOA_U
ClientSampleId :
BEZ88DL

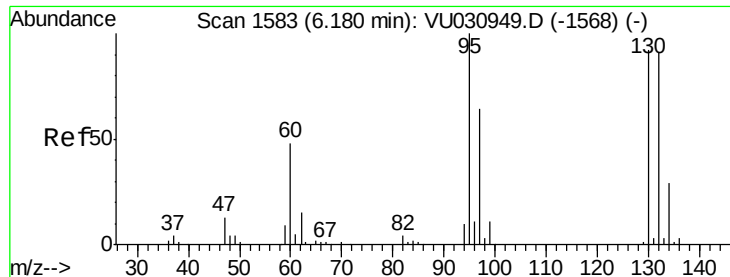
Tot Ion: 83 Resp: 18253
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2



#29
1,1,1-Trichloroethane
Concen: 0.193 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU030961.D
Acq: 09 Apr 2019 16:32

Tgt Ion: 97 Resp: 5509
Ion Ratio Lower Upper
97 100
99 66.3 51.8 77.6
61 18.6 38.1 57.1#





#34

Trichloroethene

Concen: 9.124 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

BEZ88DL

Tot Ion: 95 Resp: 173011

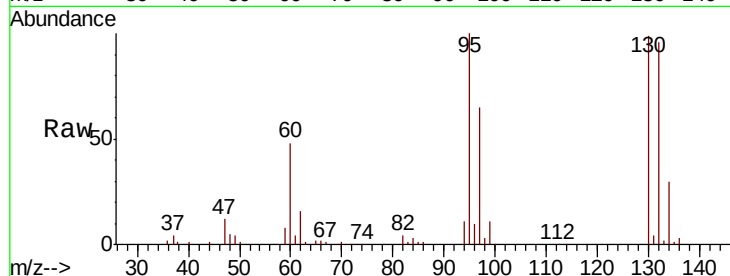
Ion Ratio Lower Upper

95 100

97 65.5 43.5 80.9

132 95.9 60.7 112.7

130 98.9 65.1 120.9

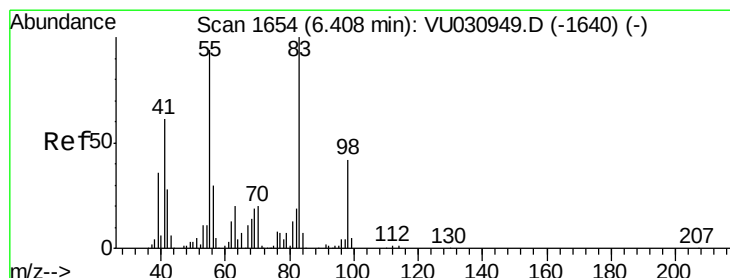
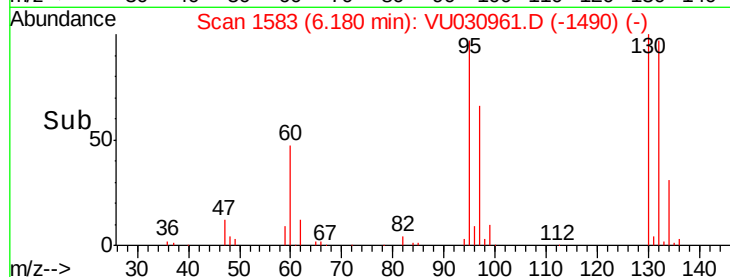
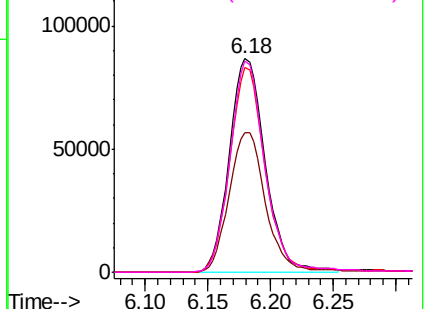


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

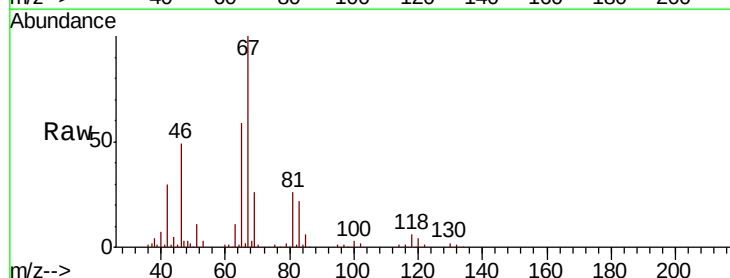
Tgt Ion: 83 Resp: 21225

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

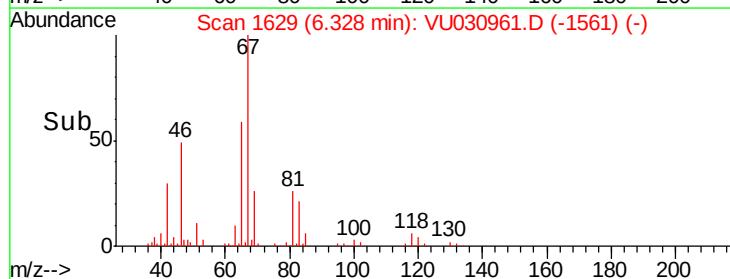
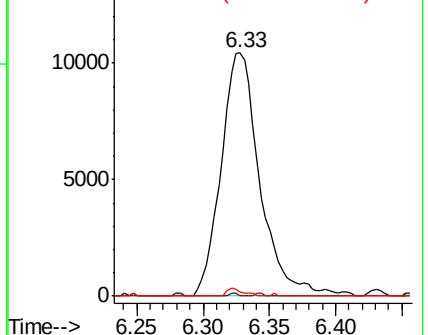
98 1.3 35.0 52.6#

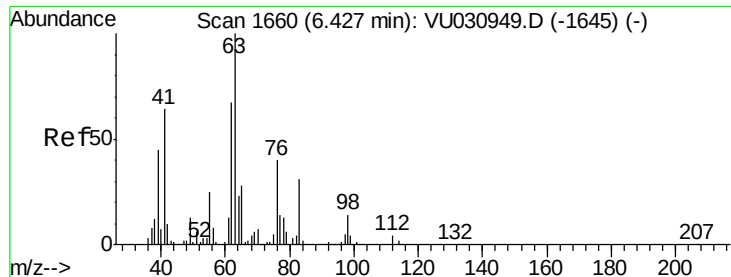


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

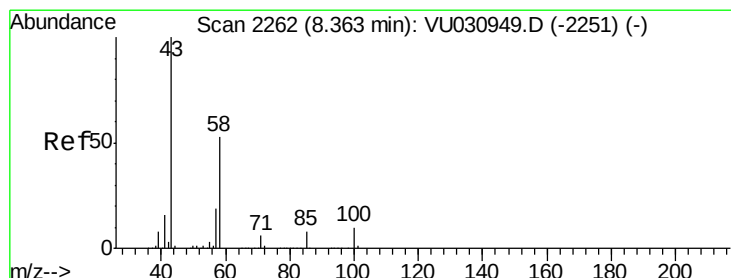
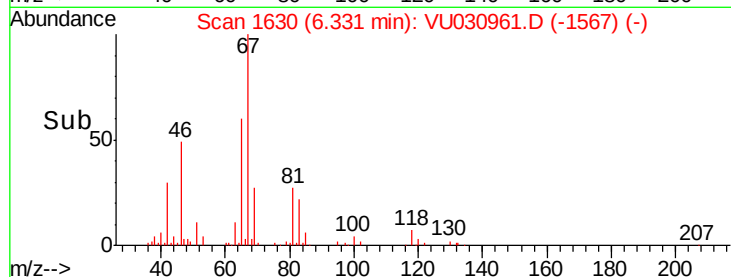
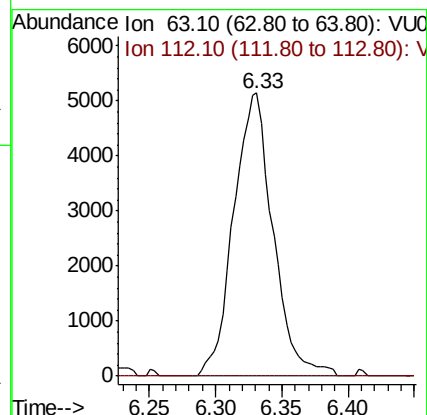
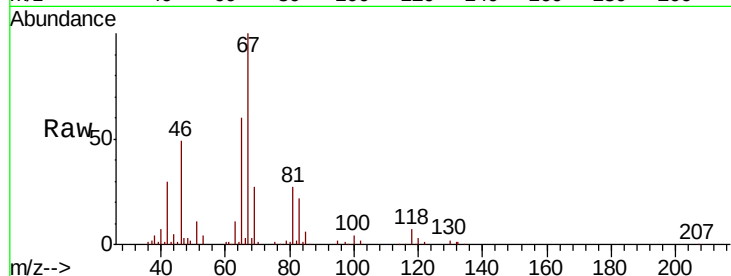
BEZ88DL

Tot Ion: 63 Resp: 10612

Ion Ratio Lower Upper

63 100

112 0.5 2.8 4.2#



#48

2-Hexanone

Concen: 1.404 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

Tgt Ion: 43 Resp: 12650

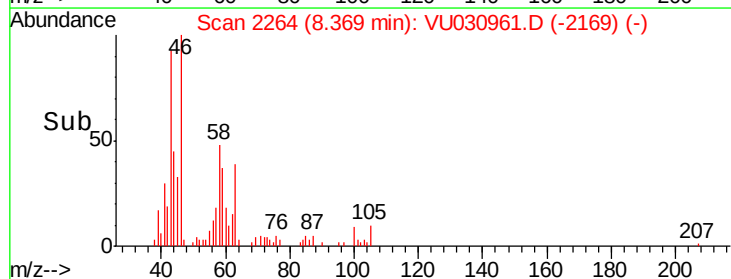
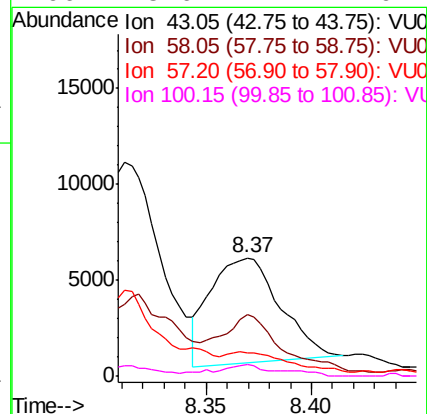
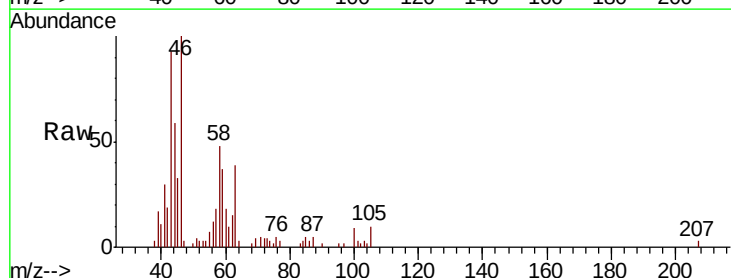
Ion Ratio Lower Upper

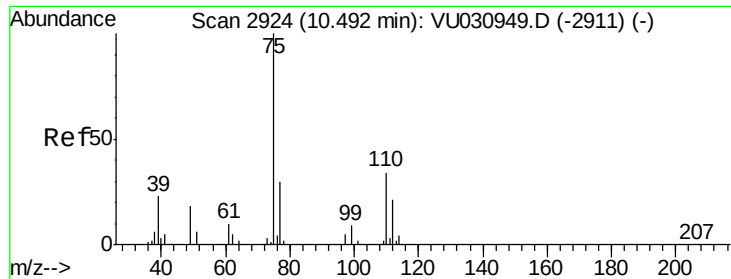
43 100

58 55.8 42.5 63.7

57 17.8 13.9 20.9

100 3.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 0.947 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030961.D

Acq: 09 Apr 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

BEZ88DL

Tot Ion: 75 Resp: 11028

Ion Ratio Lower Upper

75 100

77 38.4 25.6 38.4#

