

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030963.D
 Acq On : 09 Apr 2019 17:45
 Operator : JC/SP
 Sample : K2286-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE8

Quant Time: Apr 10 02:00:58 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	227584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74764	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	70152	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.27	63	117113	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.19	46	242516	54.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.24%
24) Chloroform-d	4.64	84	130324	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.31	65	81751	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.33	84	262265	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	97325	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.56	98	201969	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.85	79	31457	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.31	63	146937	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77825	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	74884	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

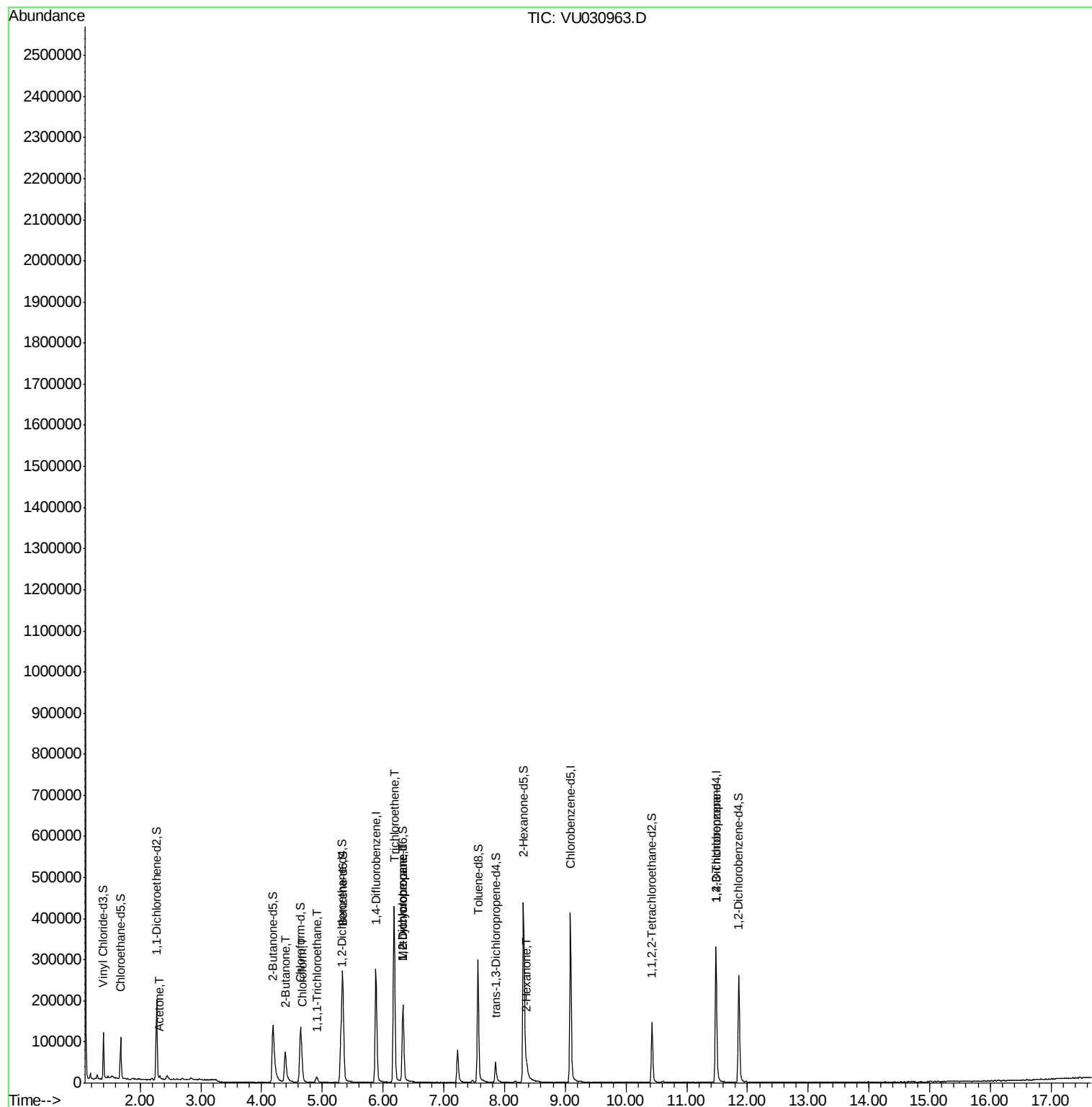
					Ovalue
13) Acetone	2.32	43	8746	2.524 ug/L	90
21) 2-Butanone	4.39	43	106967	19.480 ug/L #	54
25) Chloroform	4.67	83	18835	0.557 ug/L	94
29) 1,1,1-Trichloroethane	4.91	97	9591	0.322 ug/L	93
34) Trichloroethene	6.18	95	160047	8.088 ug/L	99
35) Methylcyclohexane	6.32	83	20346	0.644 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9853	0.453 ug/L #	90
48) 2-Hexanone	8.36	43	17272	1.837 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	10936	0.900 ug/L #	83

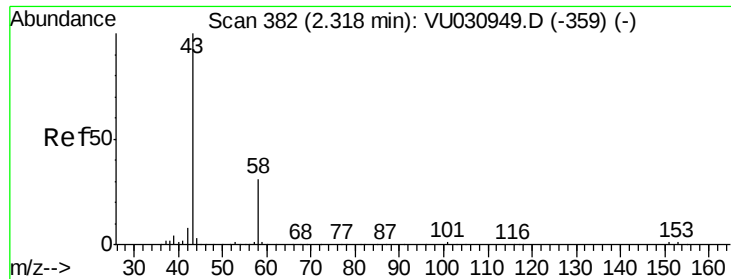
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.524 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

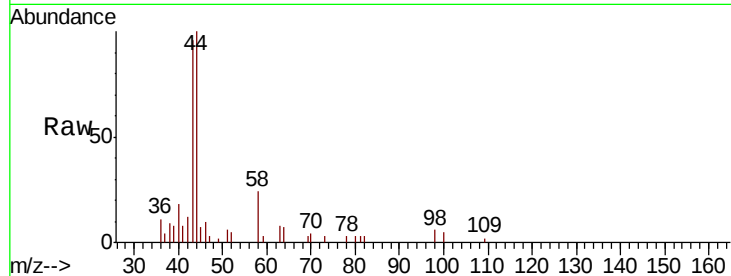
BEZE8

Tot Ion: 43 Resp: 8746

Ion Ratio Lower Upper

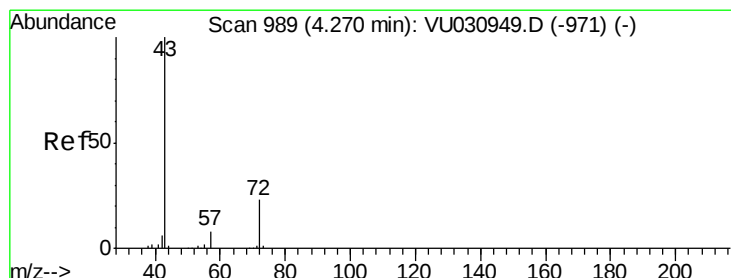
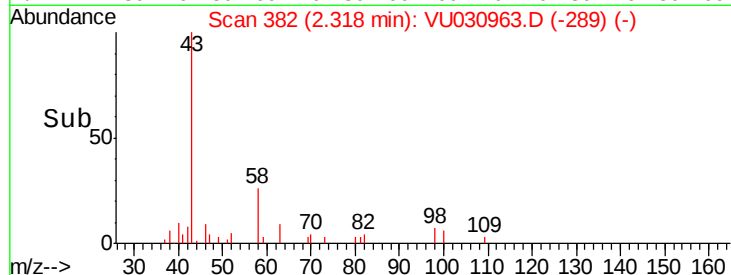
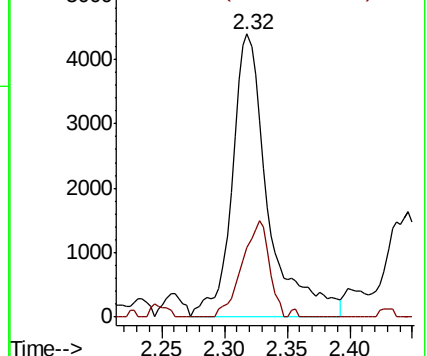
43 100

58 25.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 19.480 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. 0.12 min

Lab File: VU030963.D

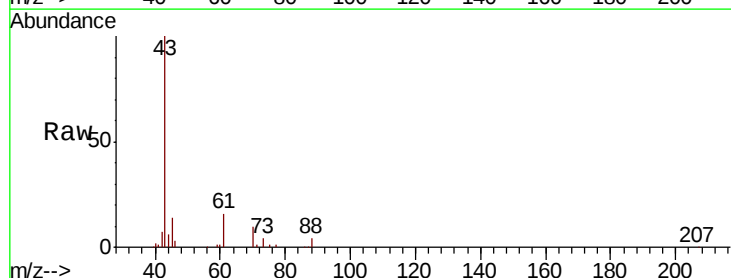
Acq: 09 Apr 2019 17:45

Tgt Ion: 43 Resp: 106967

Ion Ratio Lower Upper

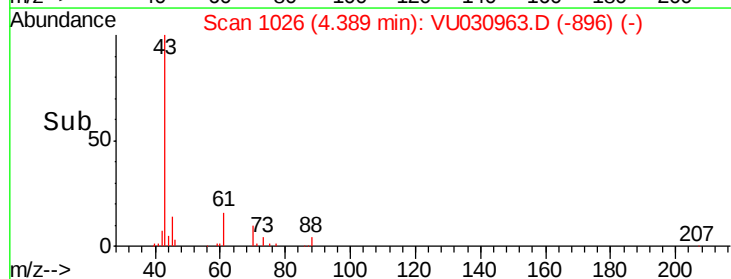
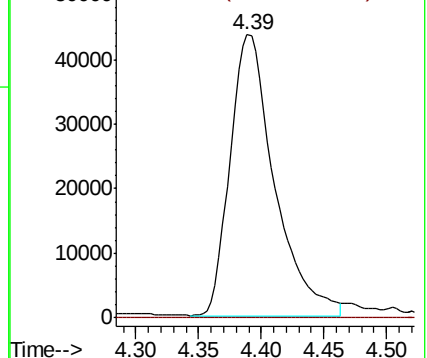
43 100

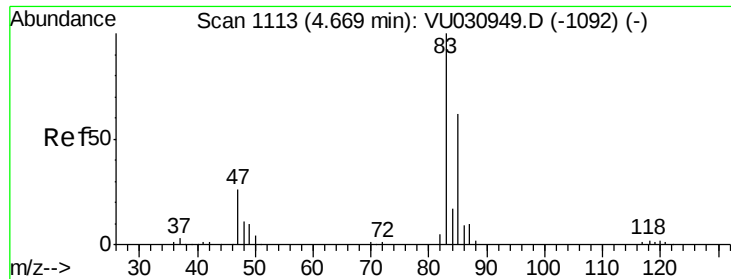
72 0.0 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

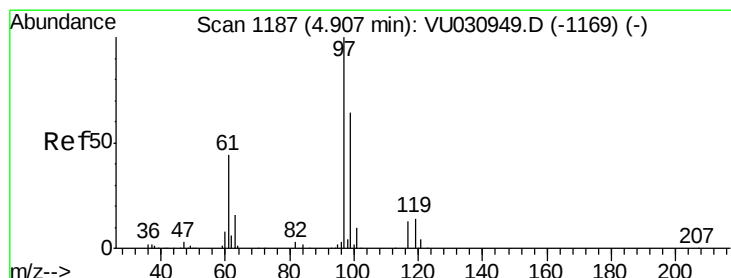
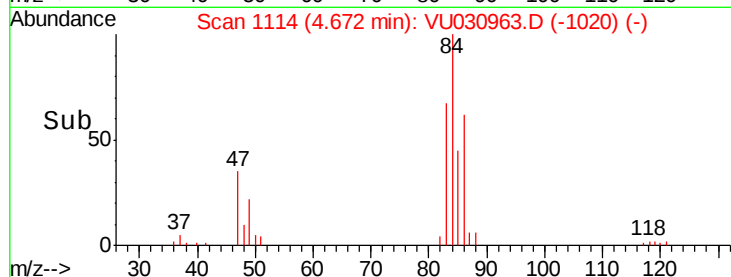
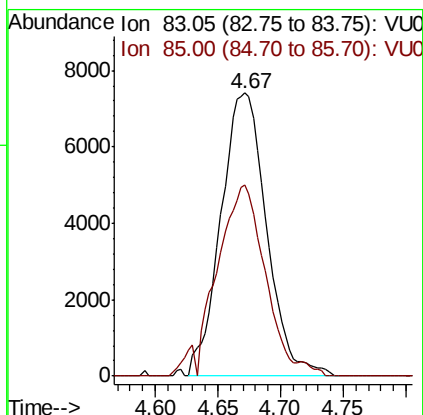
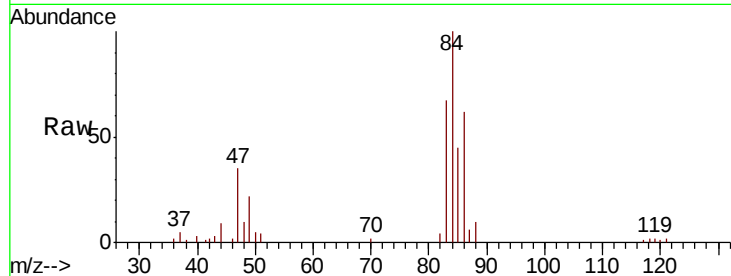




#25
Chloroform
Concen: 0.557 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030963.D
Acq: 09 Apr 2019 17:45

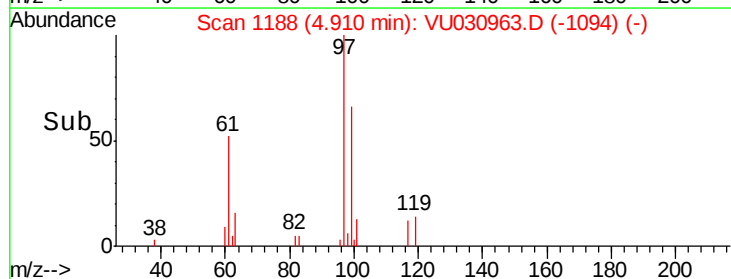
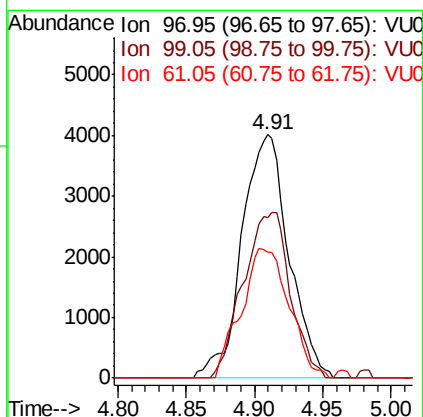
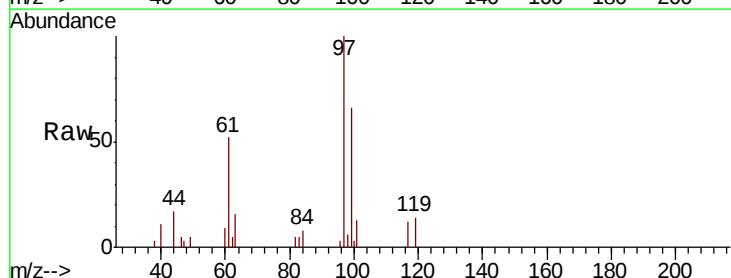
Instrument :
MSVOA_U
ClientSampleId :
BEZE8

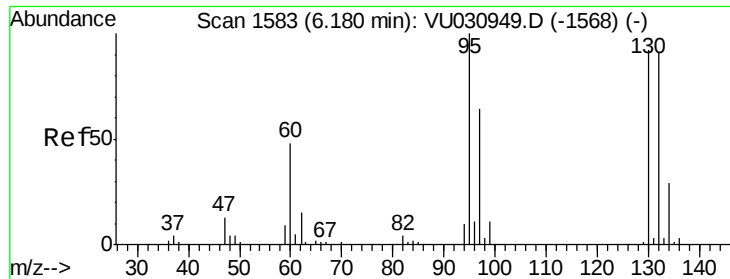
Tot Ion: 83 Resp: 18835
Ion Ratio Lower Upper
83 100
85 67.7 44.2 82.2



#29
1,1,1-Trichloroethane
Concen: 0.322 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030963.D
Acq: 09 Apr 2019 17:45

Tgt Ion: 97 Resp: 9591
Ion Ratio Lower Upper
97 100
99 68.2 51.8 77.6
61 54.3 38.1 57.1





#34

Trichloroethene

Concen: 8.088 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

BEZE8

Tot Ion: 95 Resp: 160047

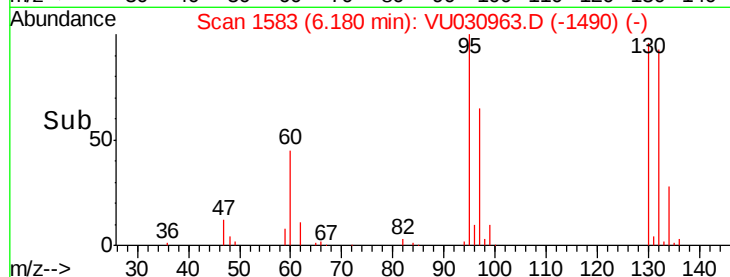
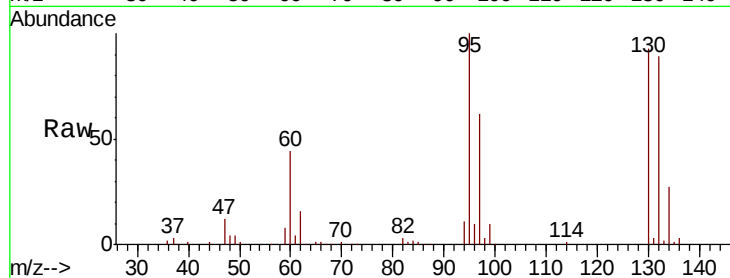
Ion Ratio Lower Upper

95 100

97 62.2 43.5 80.9

132 89.4 60.7 112.7

130 92.6 65.1 120.9

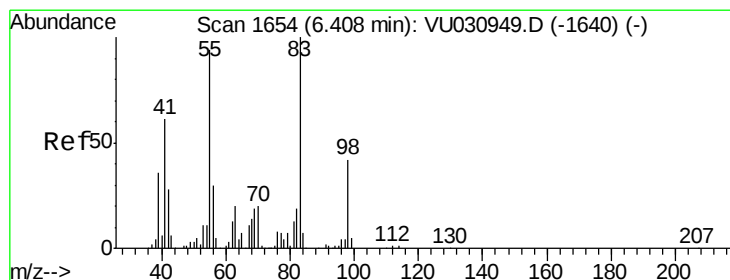
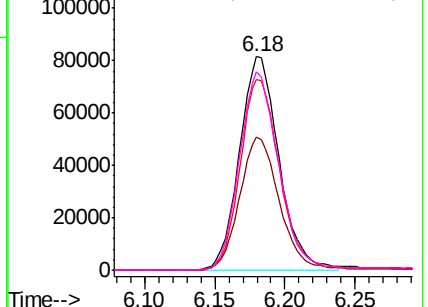


Abundance Ion 95.00 (94.70 to 95.70): VU030963.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU030963.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU030963.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU030963.D (-1490) (-)



#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

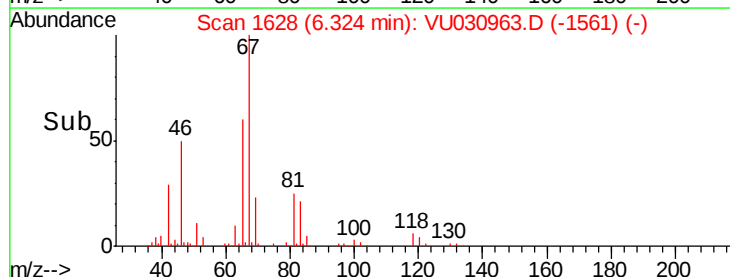
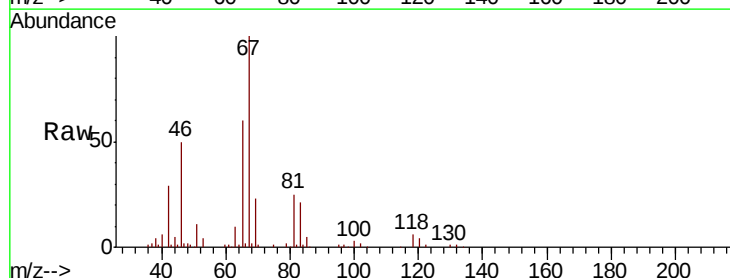
Tgt Ion: 83 Resp: 20346

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

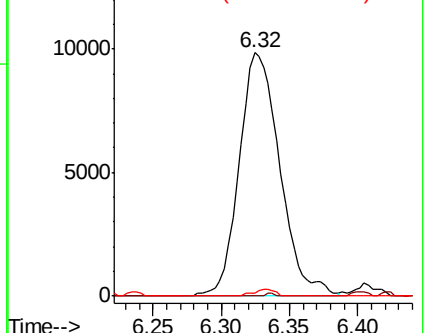
98 1.5 35.0 52.6#

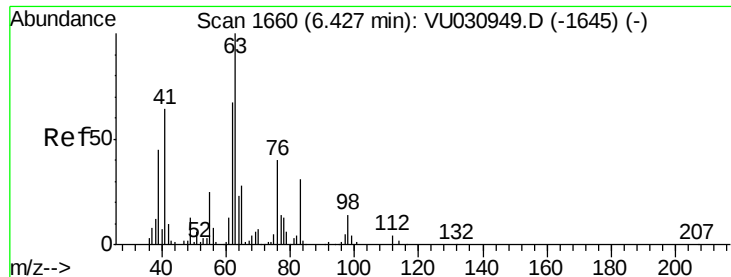


Abundance Ion 83.15 (82.85 to 83.85): VU030963.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU030963.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU030963.D (-1561) (-)





#37

1,2-Dichloropropane

Concen: 0.453 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

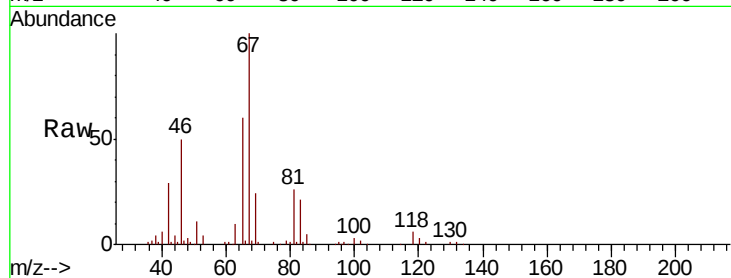
BEZE8

Tot Ion: 63 Resp: 9853

Ion Ratio Lower Upper

63 100

112 0.2 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030949.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU030949.D (-1645) (-)

6.33

5000

4000

3000

2000

1000

0

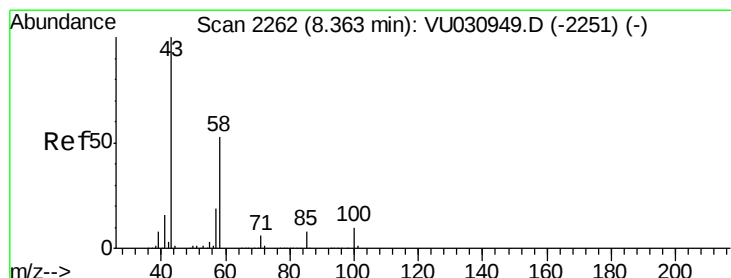
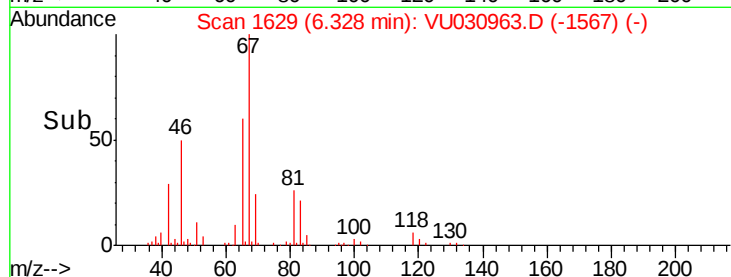
6.25

6.30

6.35

6.40

Time-->



#48

2-Hexanone

Concen: 1.837 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

Tgt Ion: 43 Resp: 17272

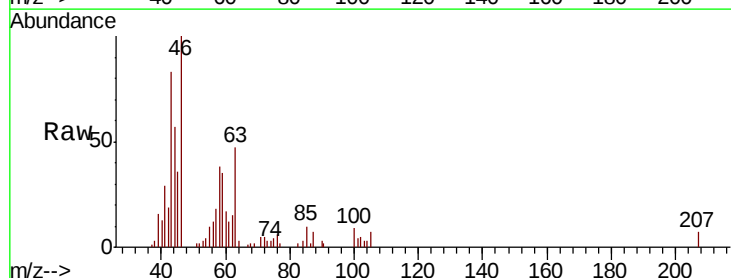
Ion Ratio Lower Upper

43 100

58 47.4 42.5 63.7

57 5.9 13.9 20.9#

100 3.0 7.1 10.7#



Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-2251) (-)

Ion 58.05 (57.75 to 58.75): VU030949.D (-2251) (-)

Ion 57.20 (56.90 to 57.90): VU030949.D (-2251) (-)

Ion 100.15 (99.85 to 100.85): VU030949.D (-2251) (-)

15000

10000

5000

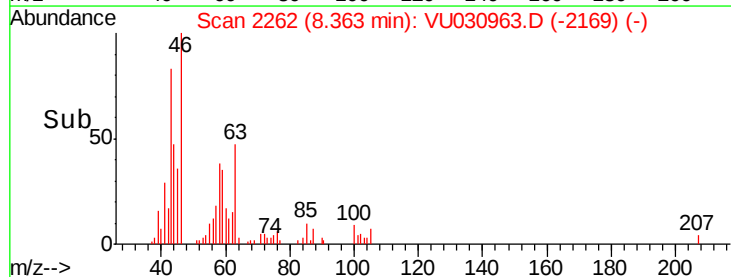
0

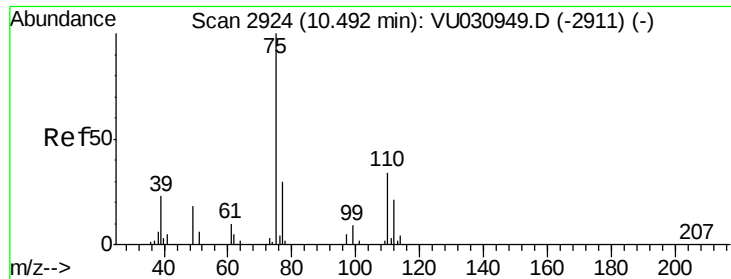
8.35

8.40

8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.900 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030963.D

Acq: 09 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

BEZE8

Tot Ion: 75 Resp: 10936

Ion Ratio Lower Upper

75 100

77 41.2 25.6 38.4#

