

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030959.D
 Acq On : 09 Apr 2019 15:44
 Operator : JC/SP
 Sample : K2286-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZF7

Quant Time: Apr 10 02:00:24 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	221664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81449	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	76824	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.27	63	127516	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.19	46	272934	62.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.06%
24) Chloroform-d	4.64	84	142336	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	91255	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.33	84	286157	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	101492	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	227669	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	34880	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.31	63	168012	52.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87566	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	85970	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

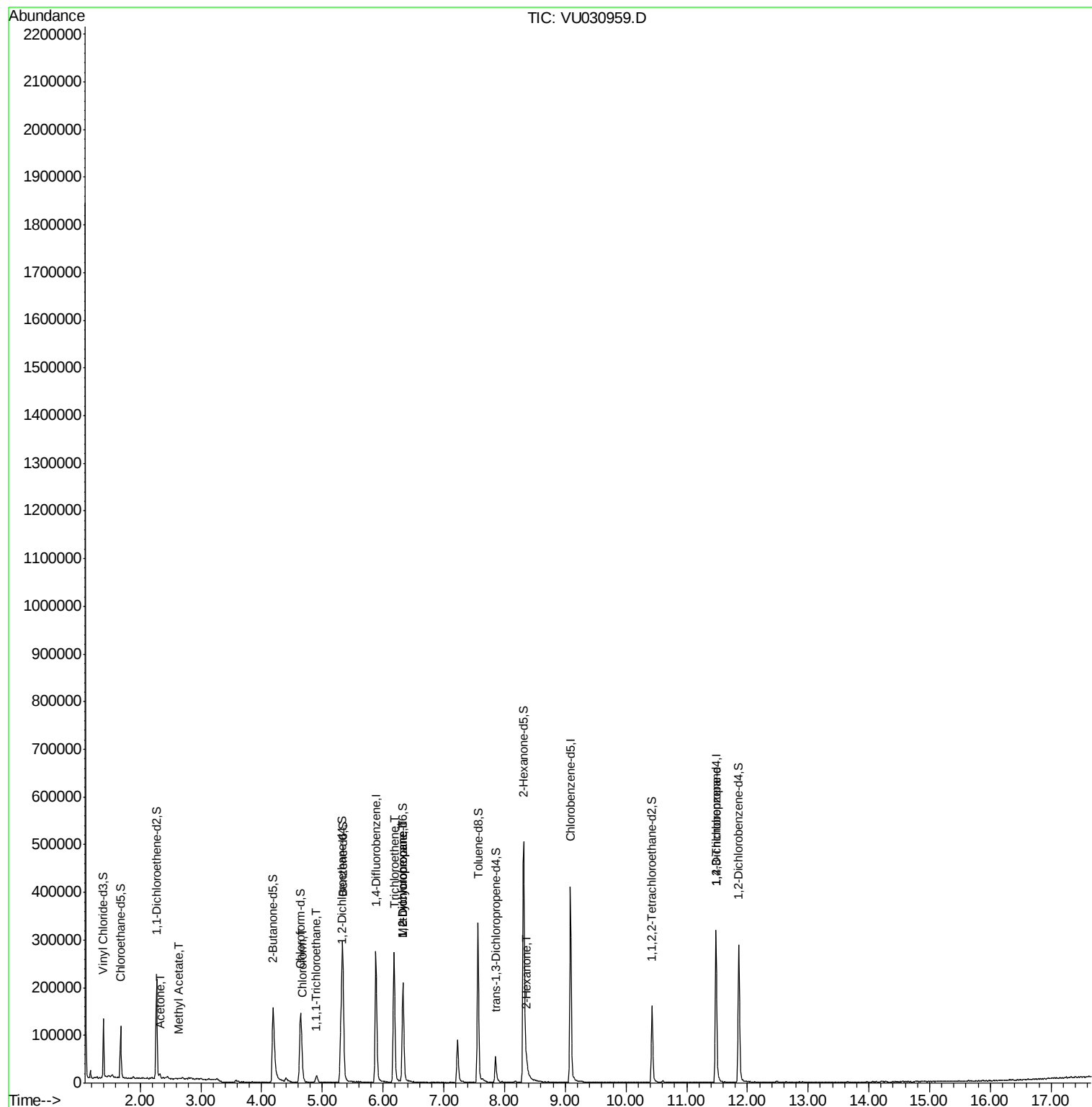
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	8285	2.455	ug/L	97
15) Methyl Acetate	2.62	43	1311	0.150	ug/L #	55
25) Chloroform	4.67	83	19998	0.607	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	9785	0.342	ug/L	98
34) Trichloroethene	6.18	95	99780	5.251	ug/L	94
35) Methylcyclohexane	6.33	83	22281	0.735	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	11397	0.546	ug/L #	91
48) 2-Hexanone	8.37	43	14002	1.551	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	11467	0.982	ug/L	89

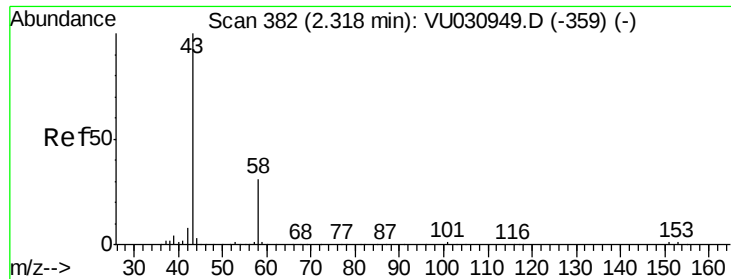
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.455 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

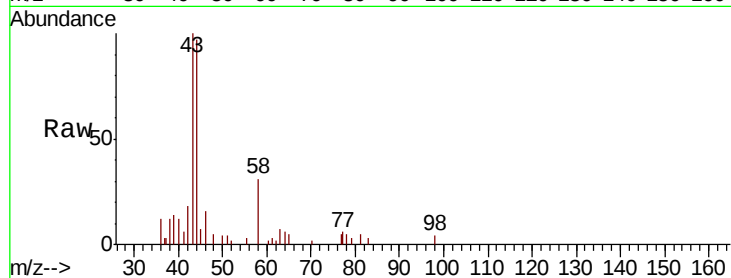
BEZF7

Tot Ion: 43 Resp: 8285

Ion Ratio Lower Upper

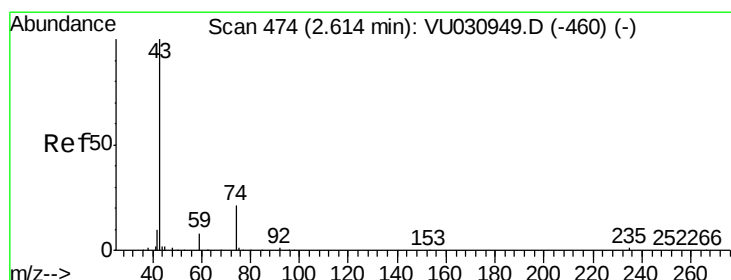
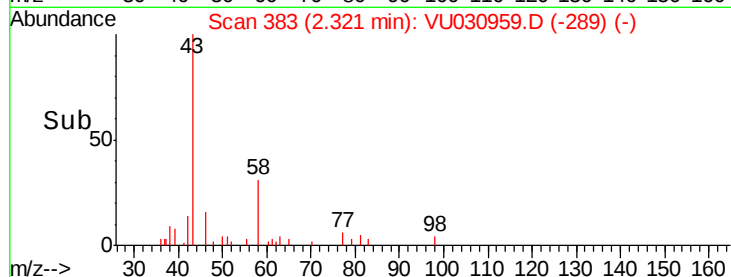
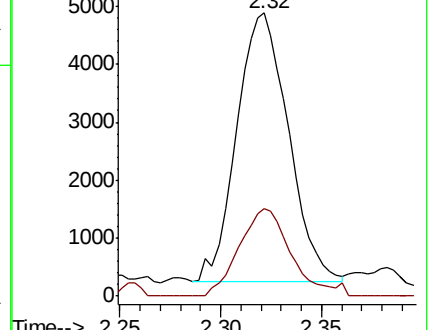
43 100

58 32.9 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) (-)



#15

Methyl Acetate

Concen: 0.150 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU030959.D

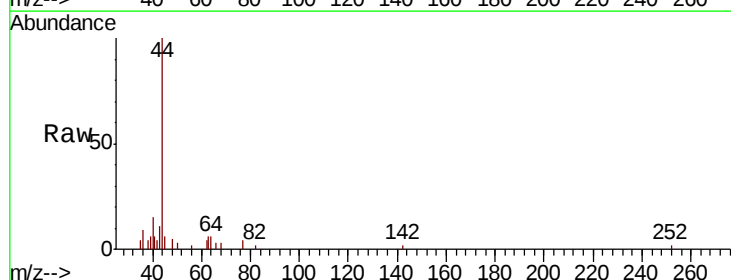
Acq: 09 Apr 2019 15:44

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

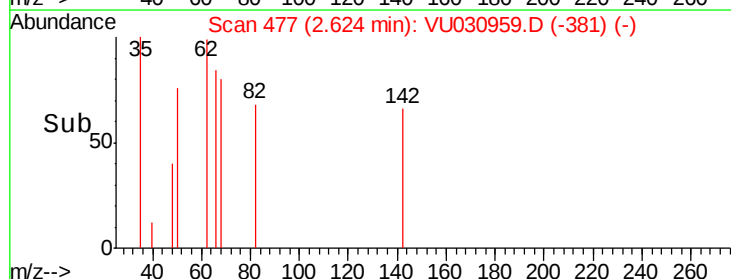
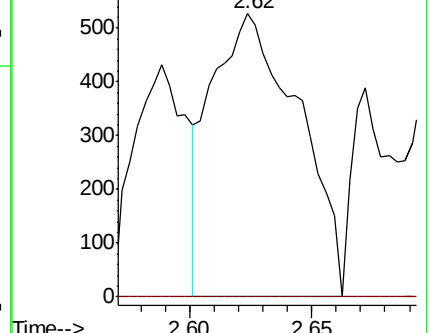
43 100

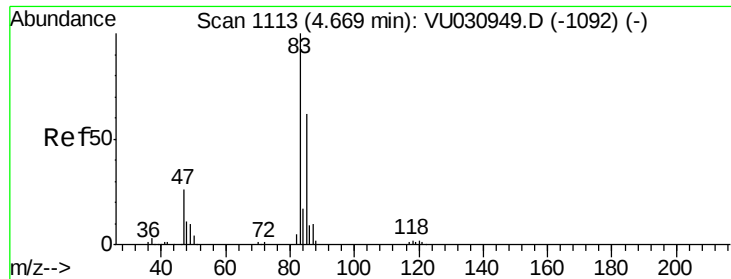
74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU030949.D (-460) (-)





#25

Chloroform

Concen: 0.607 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

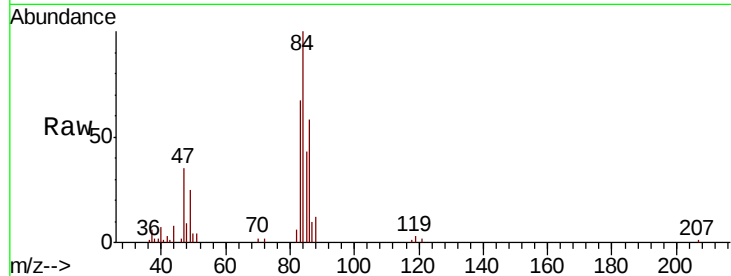
BEZF7

Tot Ion: 83 Resp: 19998

Ion Ratio Lower Upper

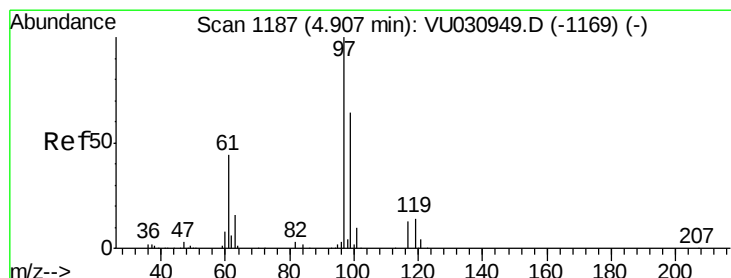
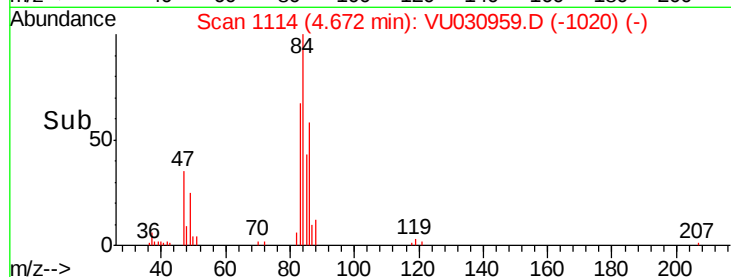
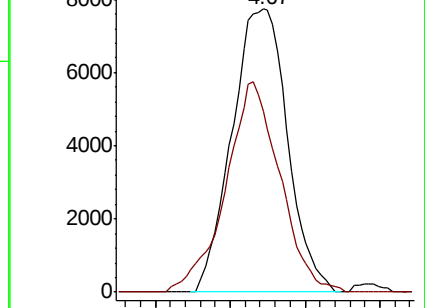
83 100

85 64.1 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030949.D (-1092) (-)

Ion 85.00 (84.70 to 85.70): VU030949.D (-1092) (-)



#29

1,1,1-Trichloroethane

Concen: 0.342 ug/L

RT: 4.90 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

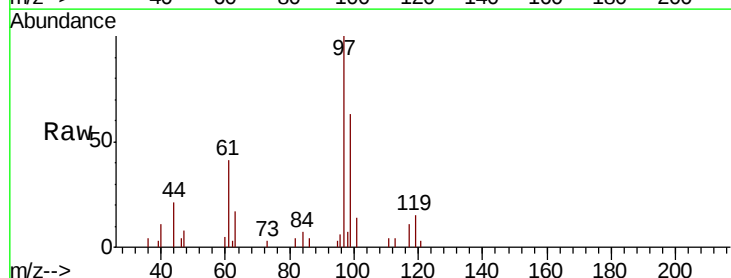
Tgt Ion: 97 Resp: 9785

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

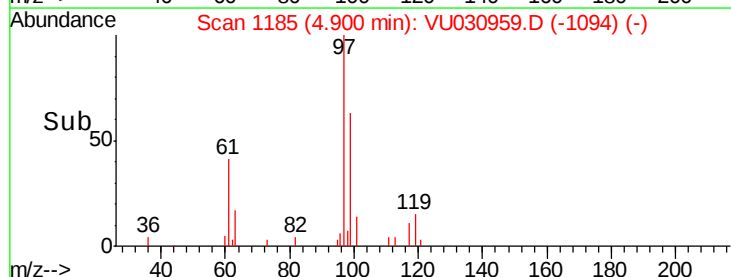
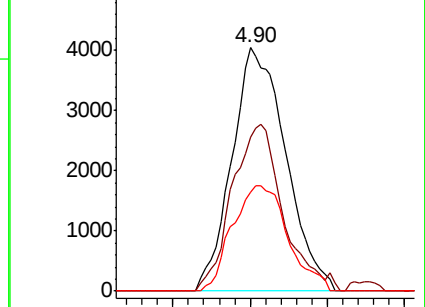
61 44.6 38.1 57.1

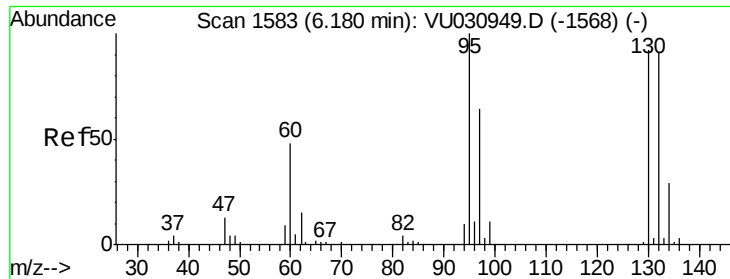


Abundance Ion 96.95 (96.65 to 97.65): VU030949.D (-1169) (-)

Ion 99.05 (98.75 to 99.75): VU030949.D (-1169) (-)

Ion 61.05 (60.75 to 61.75): VU030949.D (-1169) (-)





#34

Trichloroethene

Concen: 5.251 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

BEZF7

Tot Ion: 95 Resp: 99780

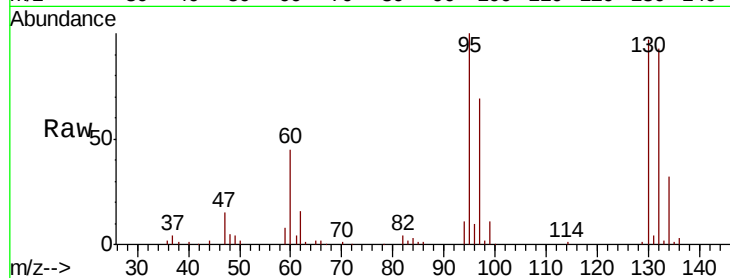
Ion Ratio Lower Upper

95 100

97 69.0 43.5 80.9

132 92.7 60.7 112.7

130 97.1 65.1 120.9

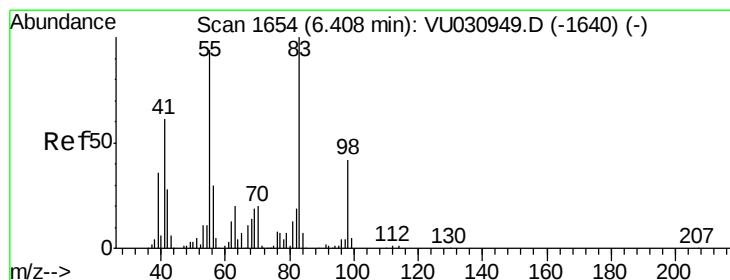
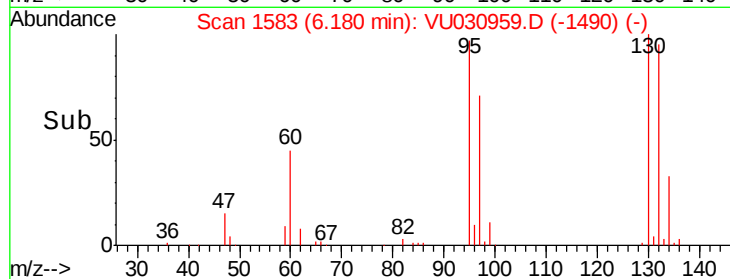
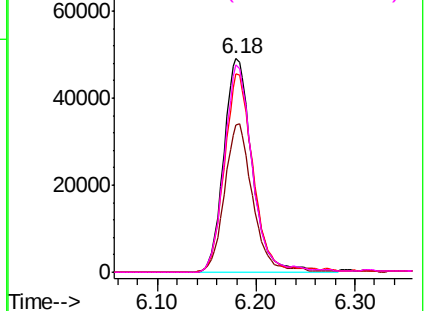


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.735 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

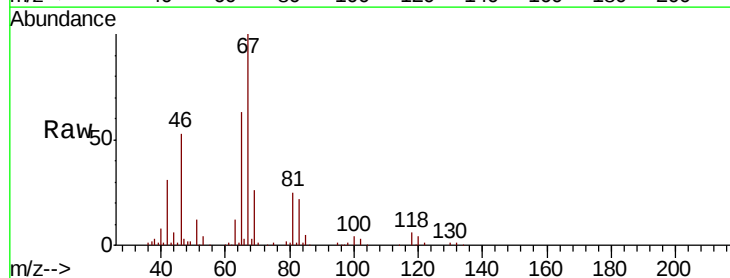
Tgt Ion: 83 Resp: 22281

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

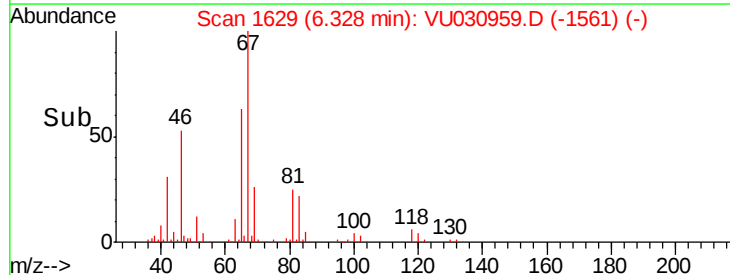
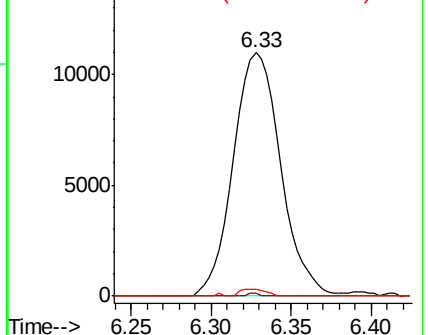
98 1.4 35.0 52.6#

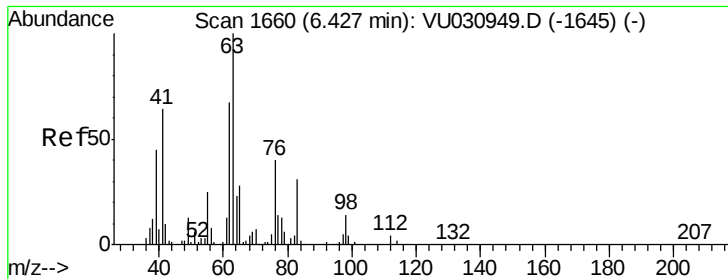


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

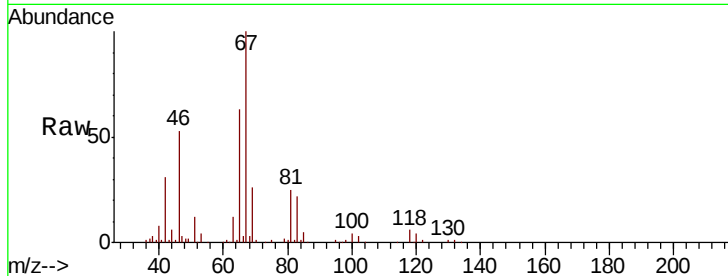
BEZF7

Tot Ion: 63 Resp: 11397

Ion Ratio Lower Upper

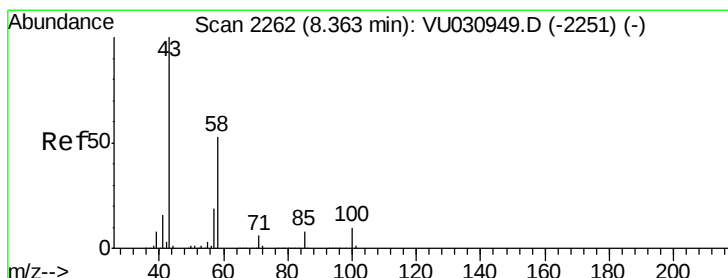
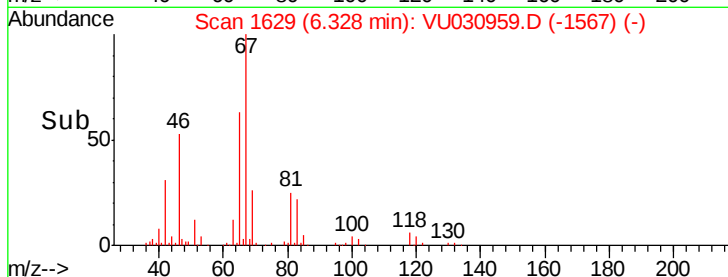
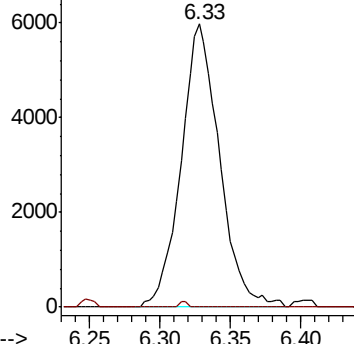
63 100

112 0.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 1.551 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Tgt Ion: 43 Resp: 14002

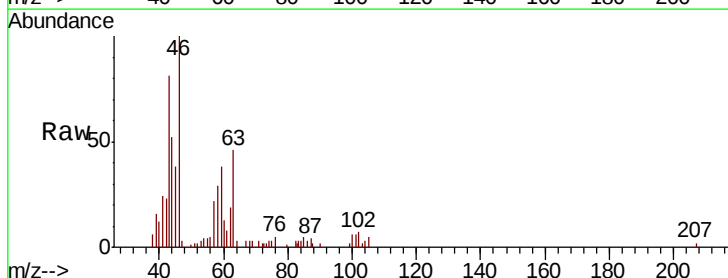
Ion Ratio Lower Upper

43 100

58 35.6 42.5 63.7#

57 27.7 13.9 20.9#

100 7.0 7.1 10.7#

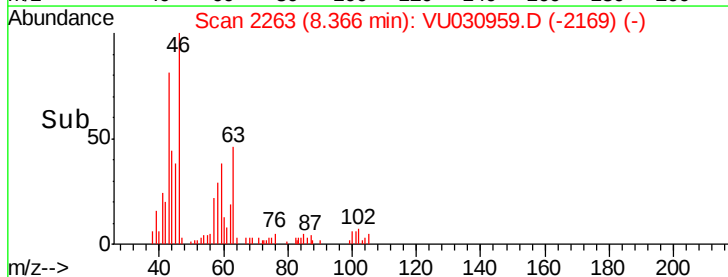
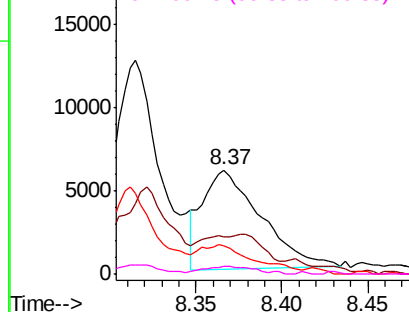


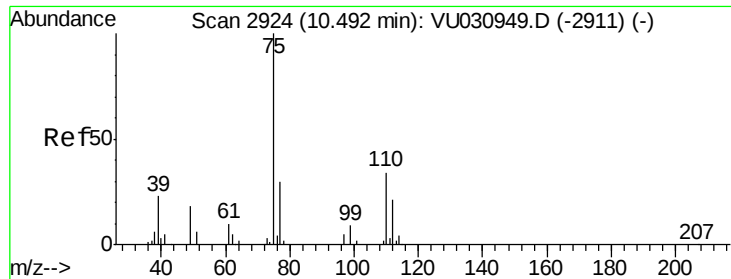
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030959.D

Acq: 09 Apr 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

BEZF7

Tot Ion: 75 Resp: 11467

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4

