

Data File : VU029137.D
Acq On : 11 Jan 2019 12:43
Operator : MD/SY
Sample : K1110-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJF8

Quant Time: Jan 11 22:14:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 11 22:10:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38509	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.68	69	32917	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.27	63	53158	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.21	46	104240	61.53	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.06%
24) Chloroform-d	4.65	84	71962	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.31	65	37611	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.34	84	148336	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.33	67	51631	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	7.56	98	128149	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	17558	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	87890	56.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39325	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	46463	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

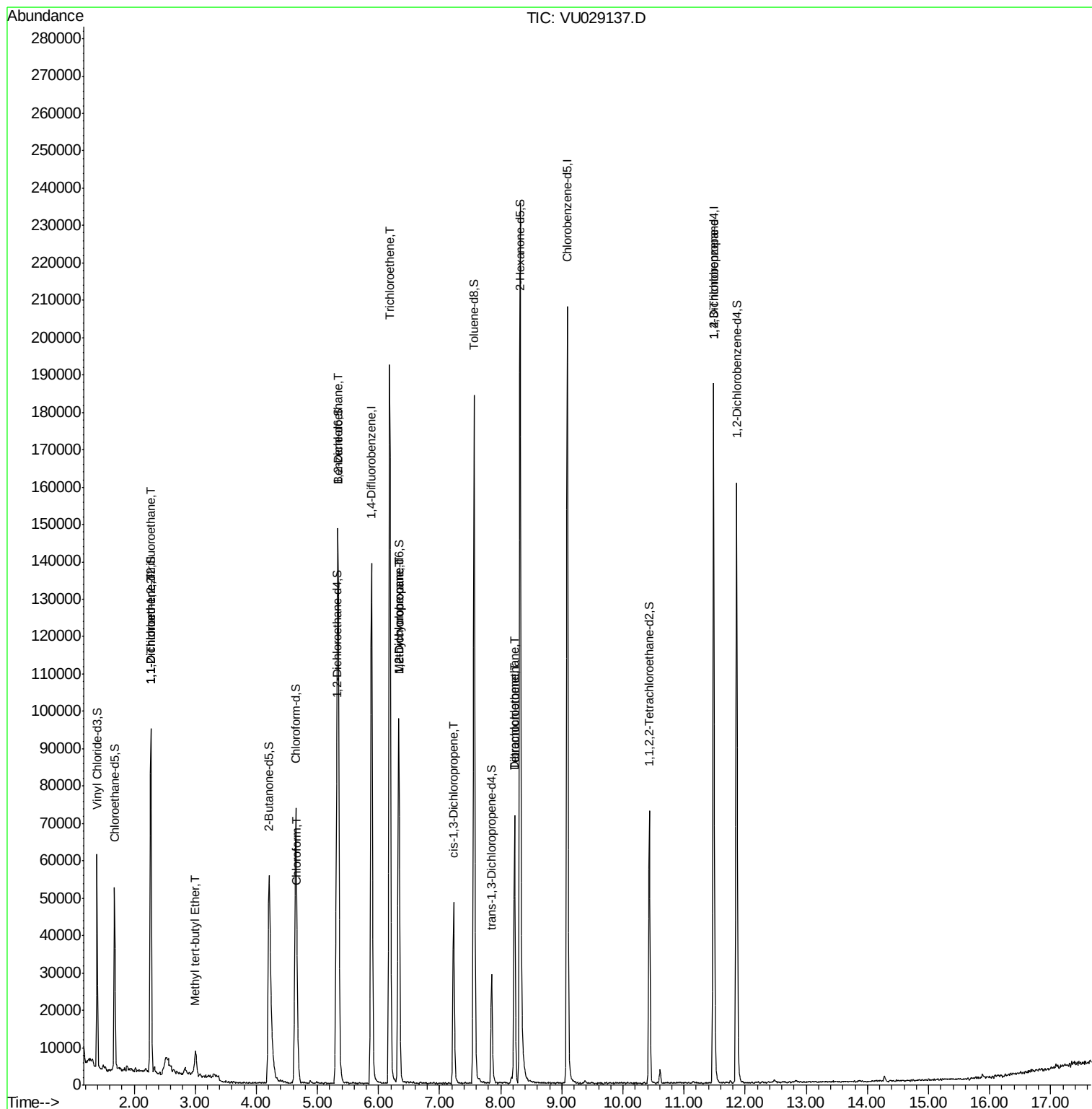
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	574	0.064	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	630	0.073	ug/L #	1
17) Methyl tert-butyl Ether	3.00	73	7085	0.333	ug/L #	90
25) Chloroform	4.67	83	10093	0.657	ug/L	97
27) 1,2-Dichloroethane	5.33	62	572	0.063	ug/L #	73
34) Trichloroethene	6.18	95	67986	6.904	ug/L	98
35) Methylcyclohexane	6.33	83	10913	0.645	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4974	0.507	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1033	0.073	ug/L #	71
47) Tetrachloroethene	8.22	164	16686	2.046	ug/L	98
49) Dibromochloromethane	8.22	129	15737	2.220	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	6271	1.096	ug/L	95

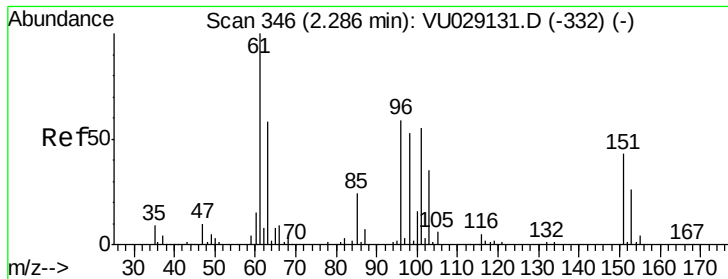
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029137.D
Acq On : 11 Jan 2019 12:43
Operator : MD/SY
Sample : K1110-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJF8

Quant Time: Jan 11 22:14:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 11 22:10:09 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.064 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

BEJF8

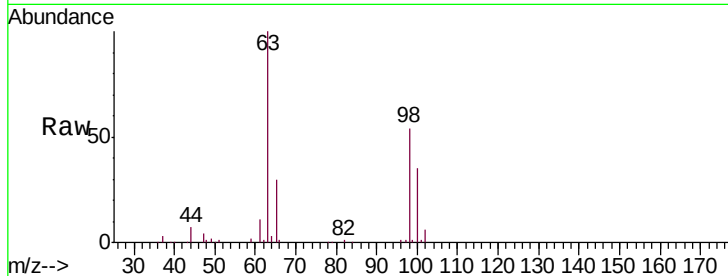
Tgt Ion: 101 Resp: 574

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

300

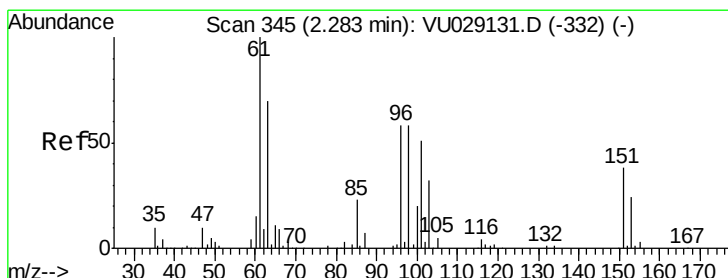
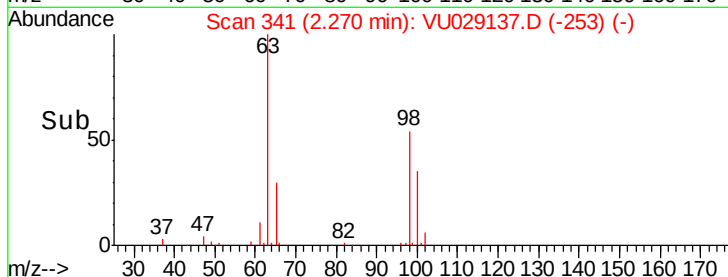
200

100

0

2.24 2.26 2.28 2.30 2.32

Time-->



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

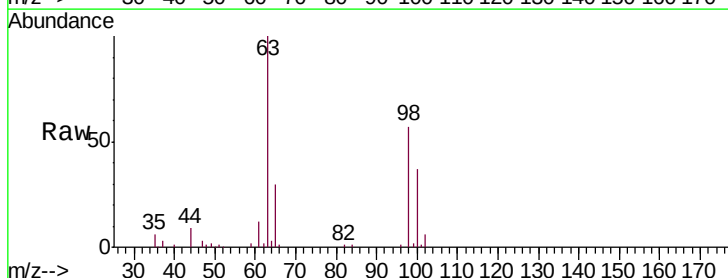
Tgt Ion: 96 Resp: 630

Ion Ratio Lower Upper

96 100

61 911.0 110.5 205.3#

63 7910.2 67.6 125.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

40000

30000

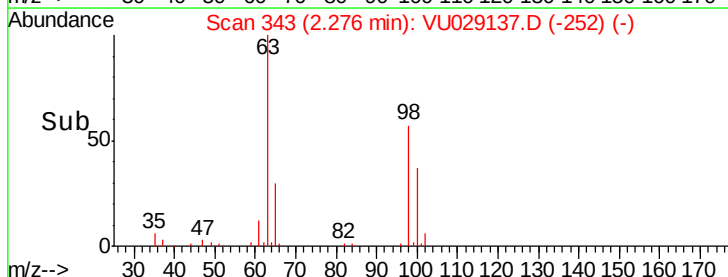
20000

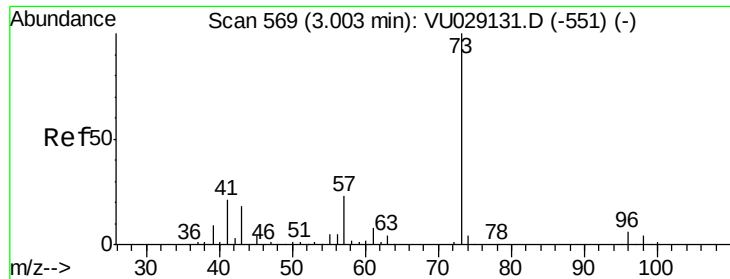
10000

0

2.24 2.26 2.28 2.30 2.32

Time-->

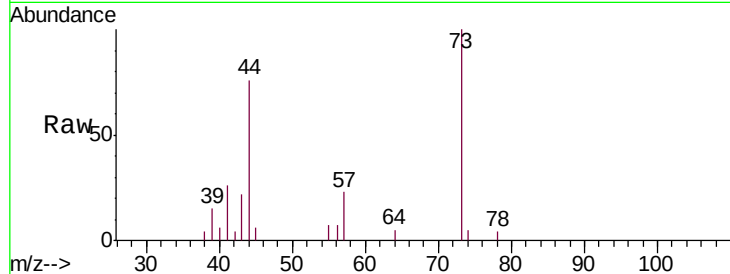




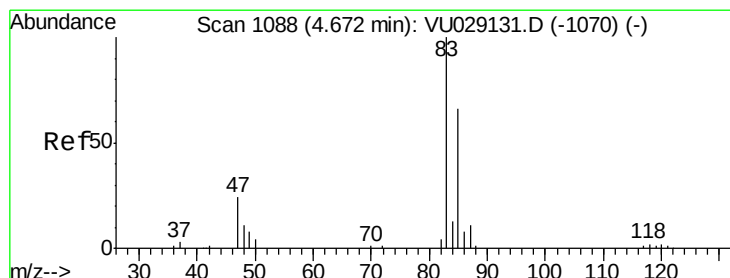
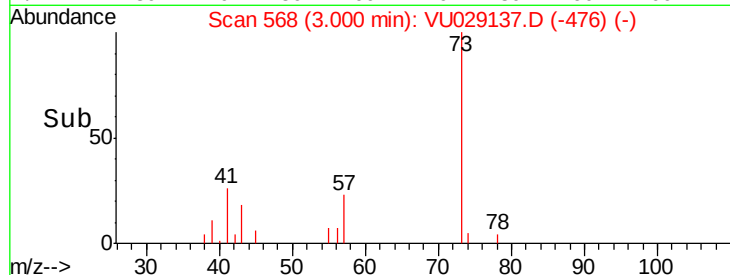
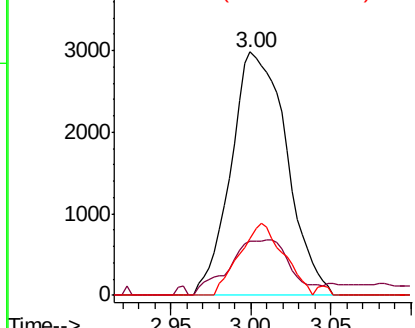
#17
Methyl tert-butyl Ether
Concen: 0.333 ug/L
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Instrument :
MSVOA_U
ClientSampleId :
BEJF8

Tgt Ion: 73 Resp: 7085
Ion Ratio Lower Upper
73 100
43 25.4 13.8 20.8#
57 23.5 17.5 26.3

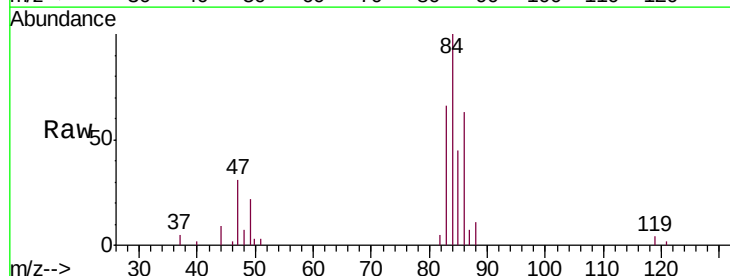


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

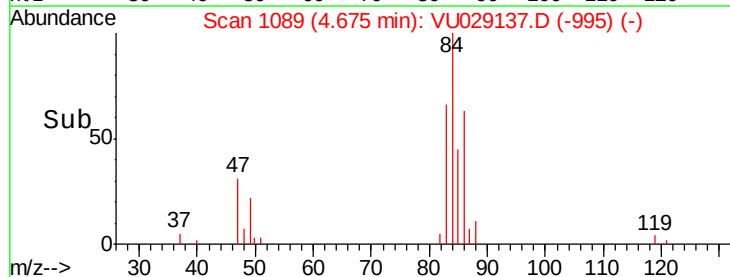
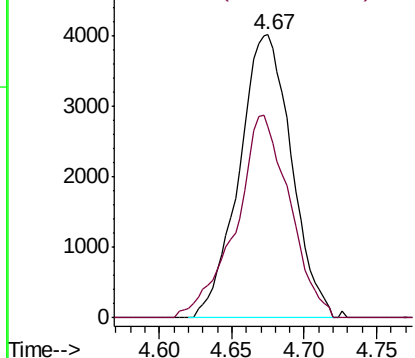


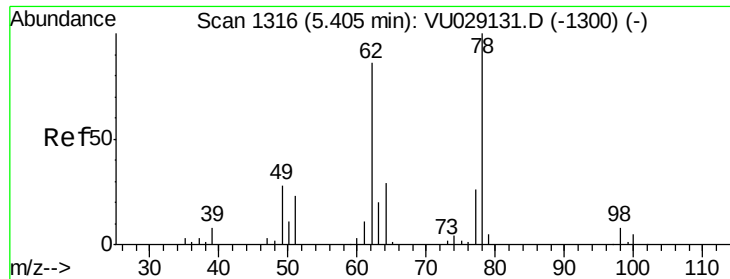
#25
Chloroform
Concen: 0.657 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Tgt Ion: 83 Resp: 10093
Ion Ratio Lower Upper
83 100
85 67.6 45.6 84.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

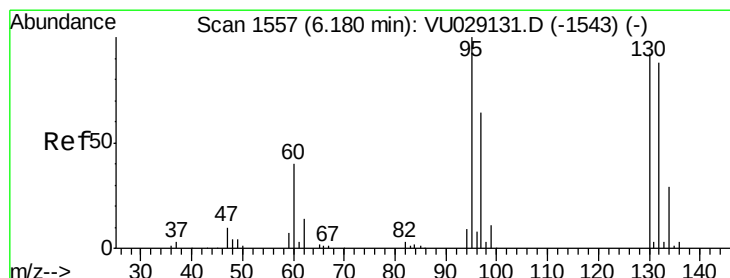
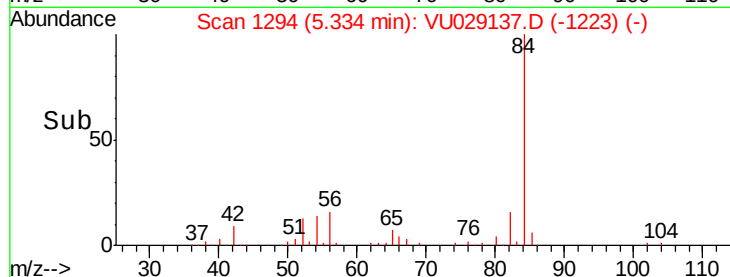
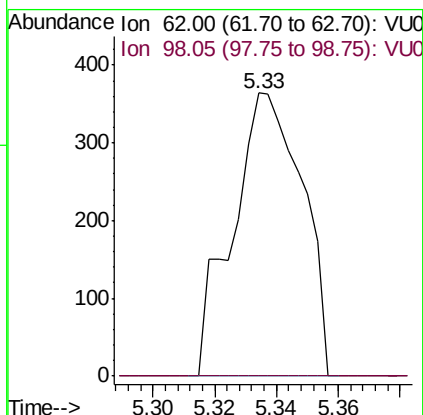
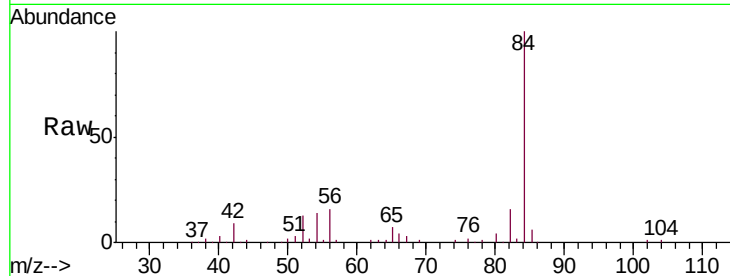




#27
 1,2-Dichloroethane
 Concen: 0.063 ug/L
 RT: 5.33 min Scan# 1294
 Delta R.T. -0.07 min
 Lab File: VU029137.D
 Acq: 11 Jan 2019 12:43

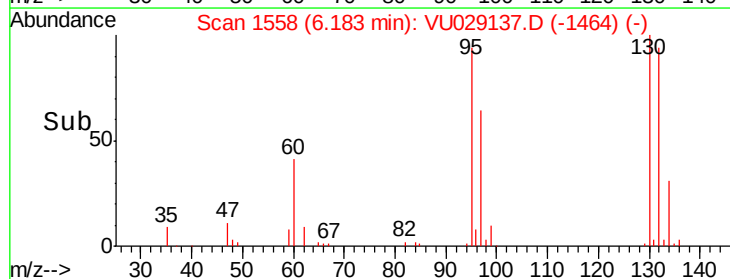
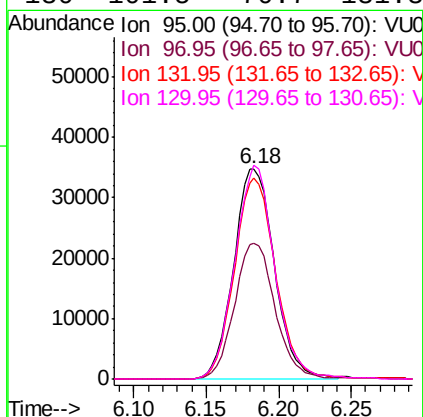
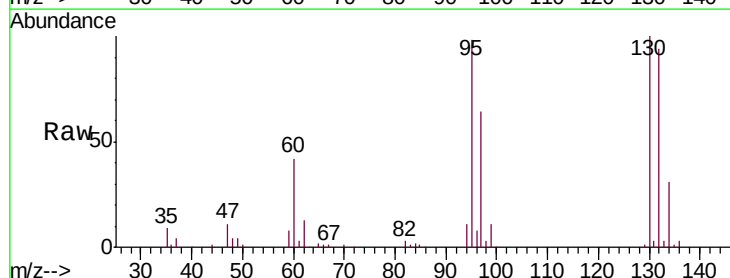
Instrument :
 MSVOA_U
 ClientSampleId :
 BEJF8

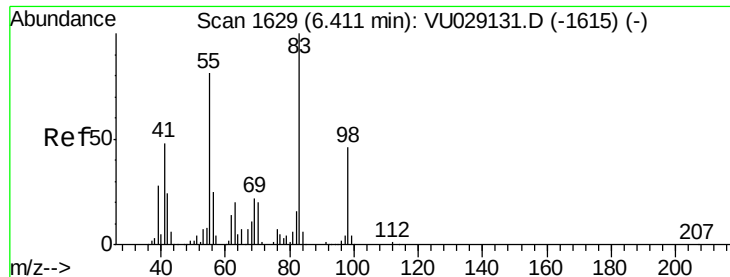
Tgt Ion: 62 Resp: 572
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#34
 Trichloroethene
 Concen: 6.904 ug/L
 RT: 6.18 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VU029137.D
 Acq: 11 Jan 2019 12:43

Tgt Ion: 95 Resp: 67986
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.4 84.2
 132 95.3 70.8 131.6
 130 101.5 70.7 131.3

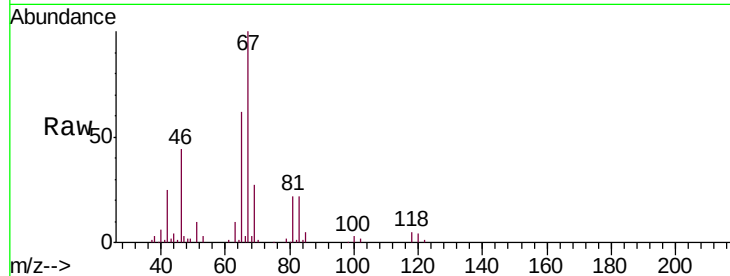




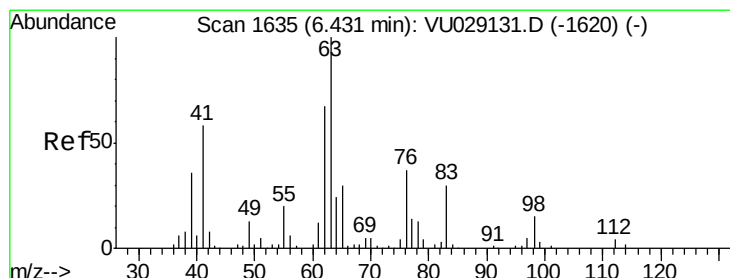
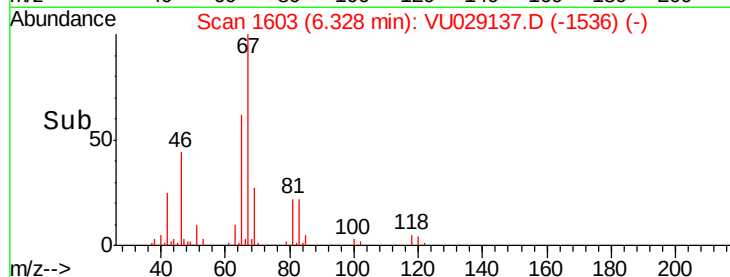
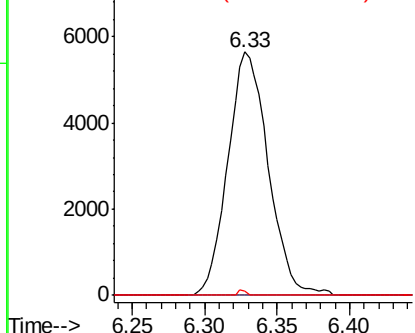
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.08 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Instrument :
MSVOA_U
ClientSampleId :
BEJF8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.8	89.6#
98	0.0	37.0	55.6#

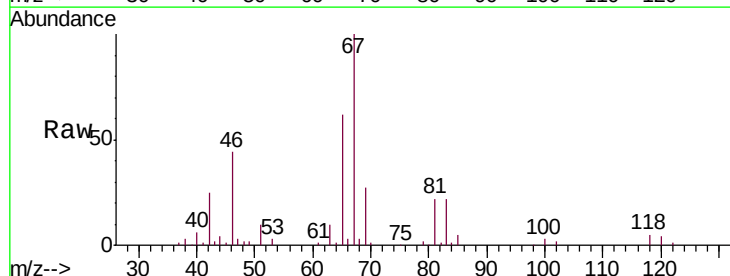


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

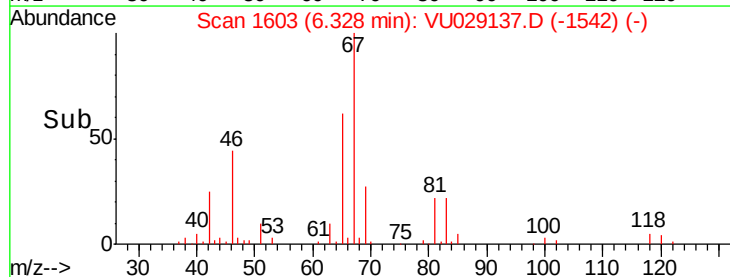
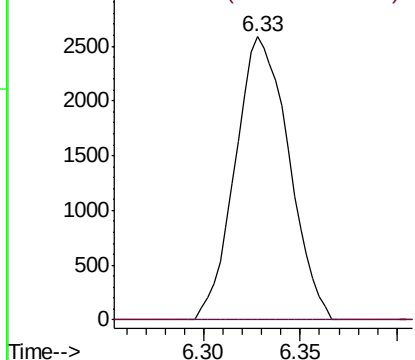


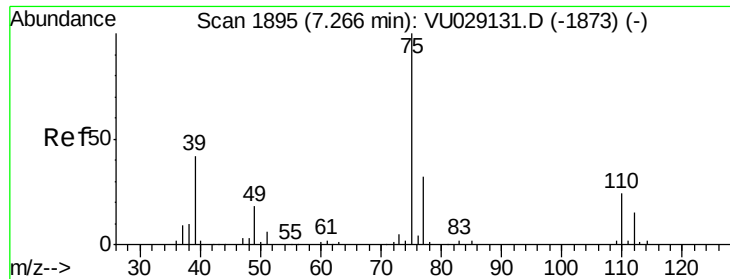
#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

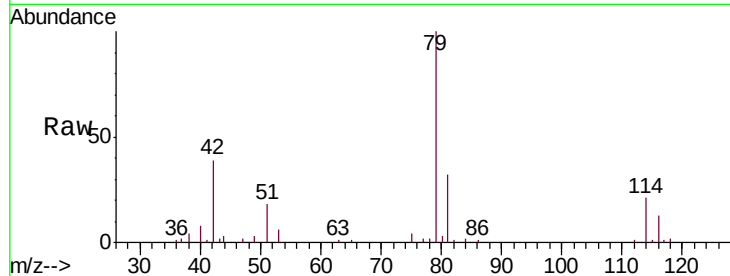
BEJF8

Tgt Ion: 75 Resp: 1033

Ion Ratio Lower Upper

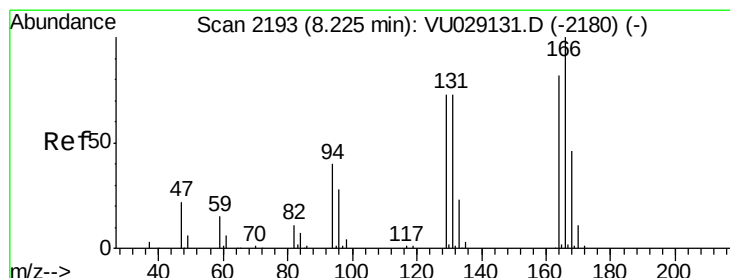
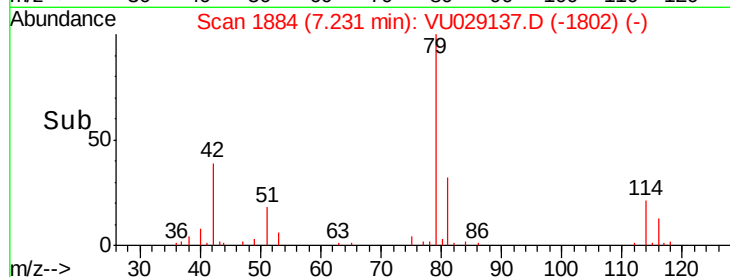
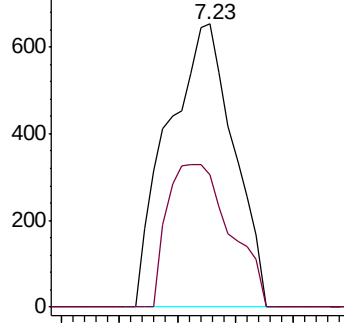
75 100

77 46.6 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 2.046 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Tgt Ion:164 Resp: 16686

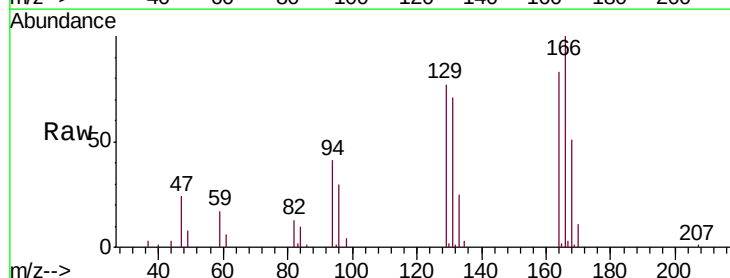
Ion Ratio Lower Upper

164 100

129 92.7 65.3 121.3

131 86.2 62.9 116.7

166 120.6 86.7 160.9

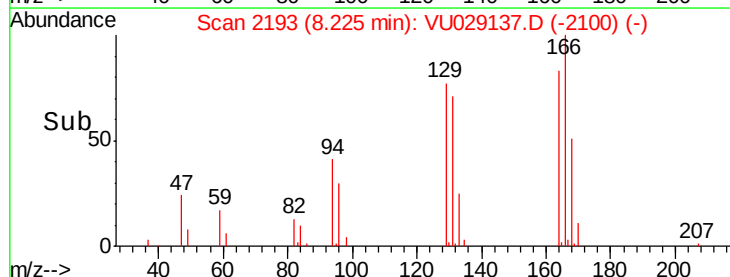
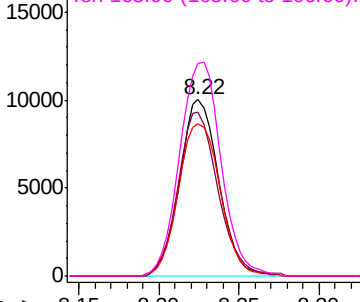


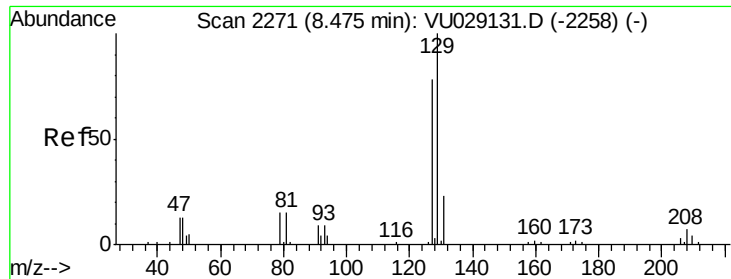
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 2.220 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

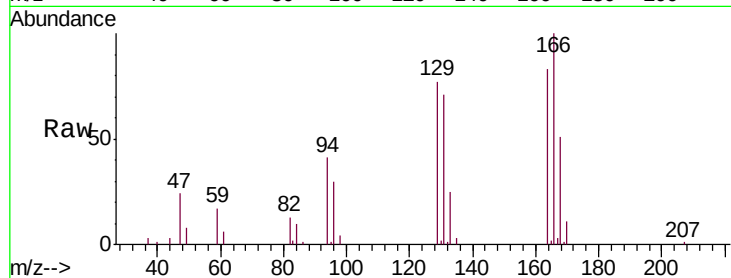
BEJF8

Tgt Ion:129 Resp: 15737

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

10000

8000

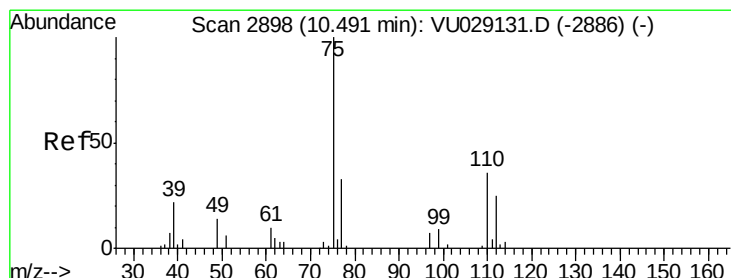
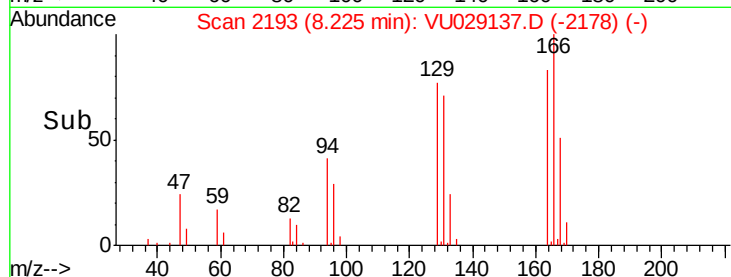
6000

4000

2000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.096 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU029137.D

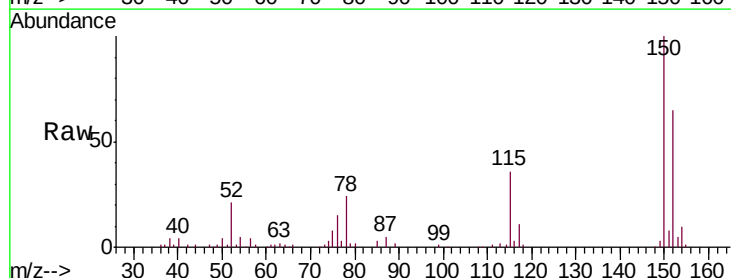
Acq: 11 Jan 2019 12:43

Tgt Ion: 75 Resp: 6271

Ion Ratio Lower Upper

75 100

77 35.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

4000

3000

2000

1000

0

Time--> 11.45 11.50 11.55

