

Data File : VU033047.D
Acq On : 25 Jun 2019 12:06
Operator : JC/SP
Sample : K3478-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF49

Quant Time: Jun 26 07:10:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60672	46.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.44%
7) Chloroethane-d5	1.68	69	53171	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.26	63	96796	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.17	46	125759	116.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.35%
24) Chloroform-d	4.64	84	132323	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
26) 1,2-Dichloroethane-d4	5.30	65	93025	55.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.64%
32) Benzene-d6	5.33	84	252801	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.32	67	83937	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.18%
41) Toluene-d8	7.56	98	228196	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%
43) trans-1,3-Dichloropropene-	7.85	79	38430	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.31	63	73119	99.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.97%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121305	50.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	87964	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

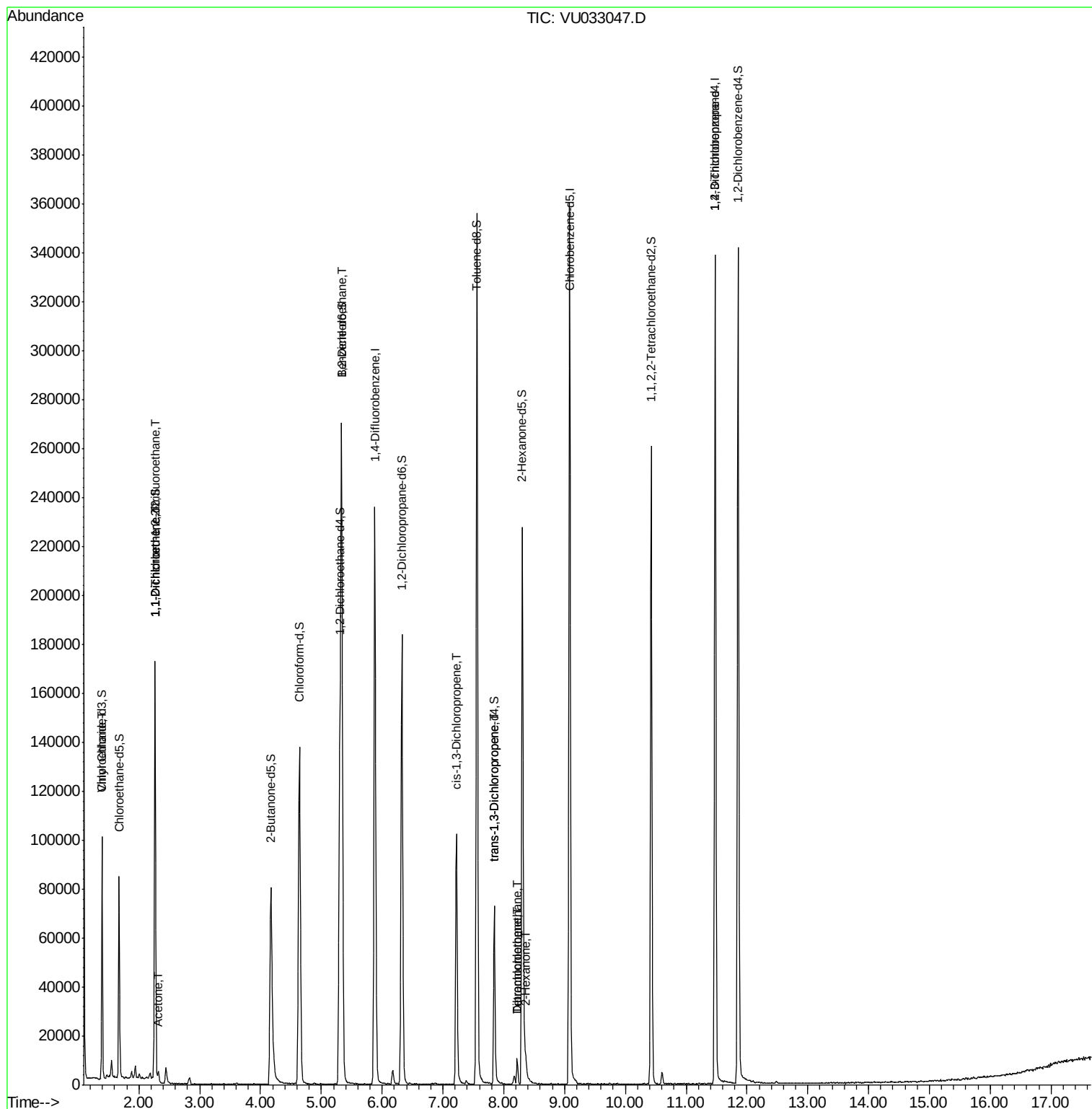
					Qvalue
8) Chloroethane	1.40	64	923	0.929 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	813	0.640 ug/L #	17
12) 1,1-Dichloroethene	2.26	96	676	0.565 ug/L #	1
13) Acetone	2.32	43	3831	2.566 ug/L	91
27) 1,2-Dichloroethane	5.33	62	1622	0.774 ug/L #	77
39) cis-1,3-Dichloropropene	7.22	75	3056	1.316 ug/L #	81
44) trans-1,3-Dichloropropene	7.85	75	2084	0.955 ug/L	90
46) Tetrachloroethene	8.22	164	2124	1.785 ug/L	91
48) 2-Hexanone	8.36	43	4554	2.169 ug/L #	49
49) Dibromochloromethane	8.22	129	2303	1.377 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	11288	5.675 ug/L	92

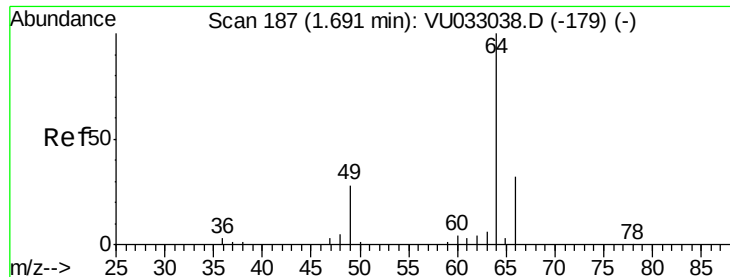
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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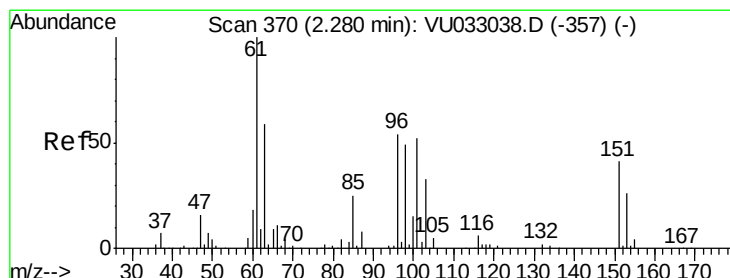
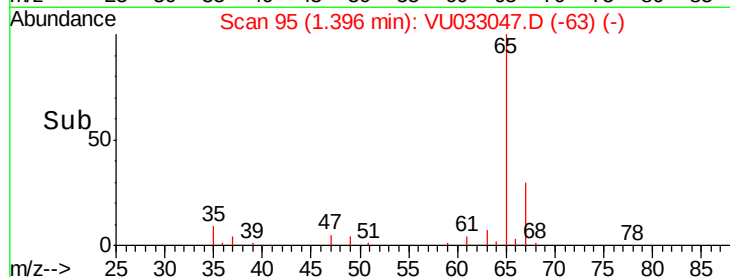
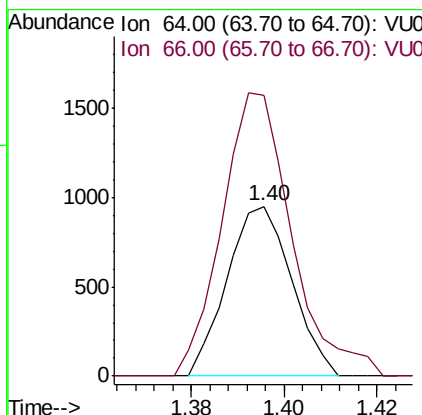
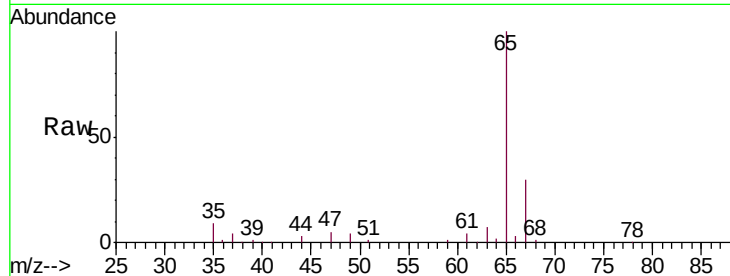




#8
Chloroethane
Concen: 0.929 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033047.D
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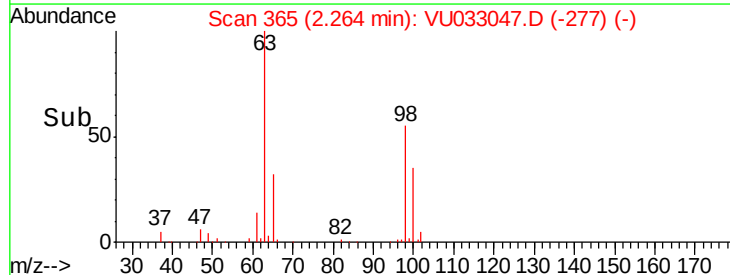
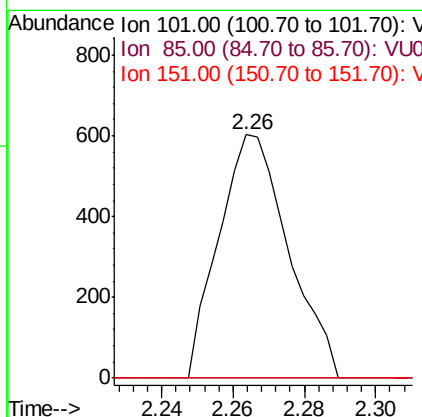
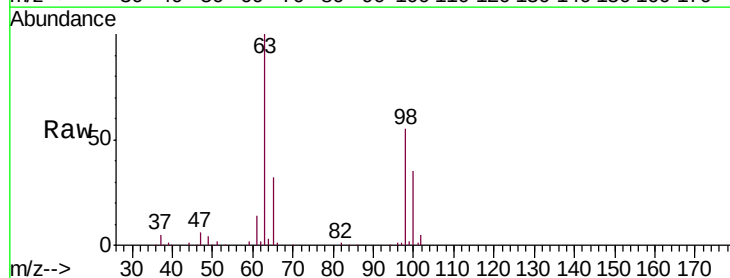
Instrument :
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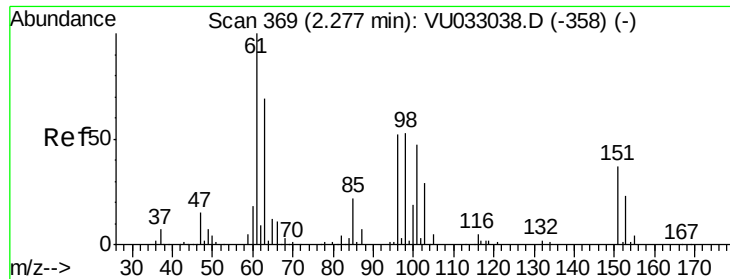
Tgt Ion: 64 Resp: 923
Ion Ratio Lower Upper
64 100
66 165.7 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.640 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU033047.D
Acq: 25 Jun 2019 12:06

Tgt Ion: 101 Resp: 813
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 63.6 95.4#

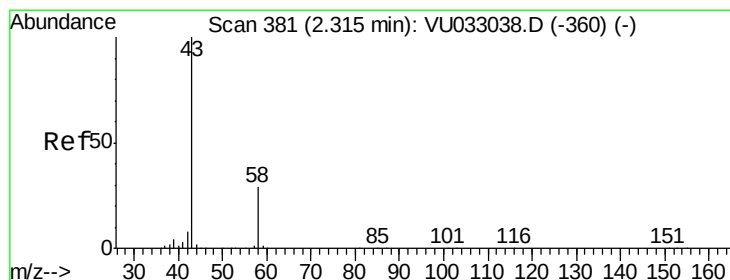
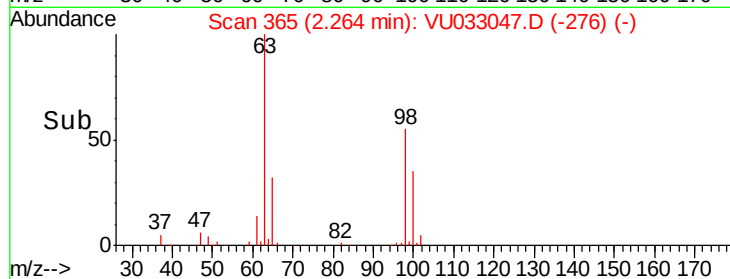
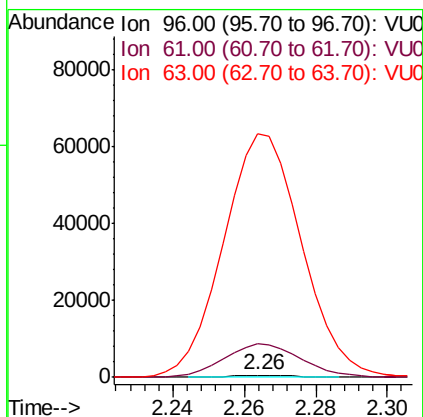
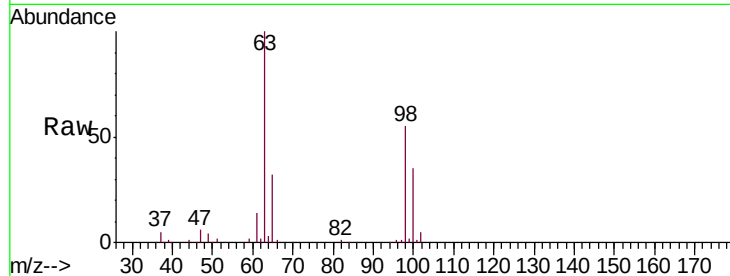




#12
 1,1-Dichloroethene
 Concen: 0.565 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU033047.D
 Acq: 25 Jun 2019 12:06

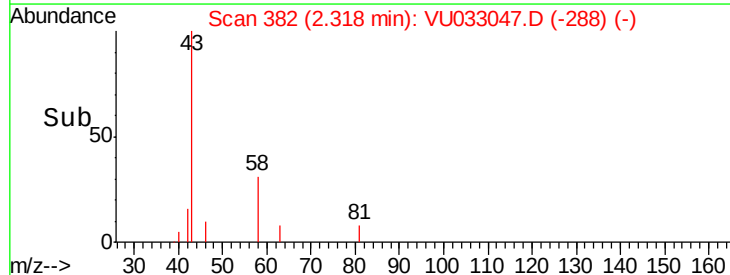
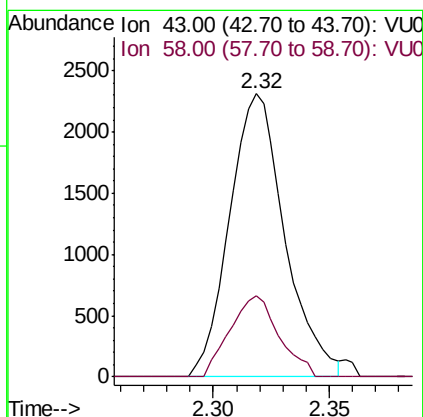
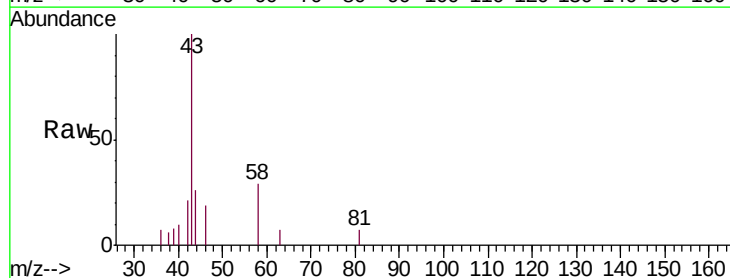
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF49

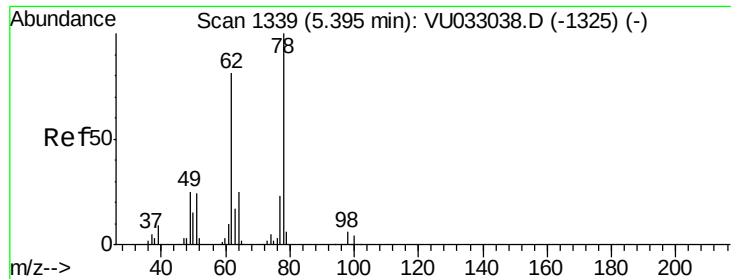
Tgt Ion: 96 Resp: 676
 Ion Ratio Lower Upper
 96 100
 61 1894.2 131.0 243.4#
 63 13691.6 101.0 187.6#



#13
 Acetone
 Concen: 2.566 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU033047.D
 Acq: 25 Jun 2019 12:06

Tgt Ion: 43 Resp: 3831
 Ion Ratio Lower Upper
 43 100
 58 25.4 0.0 60.6

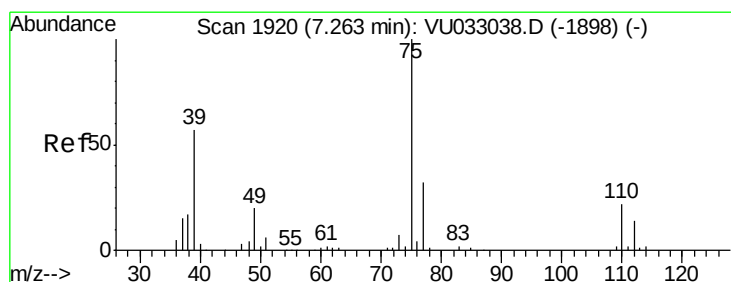
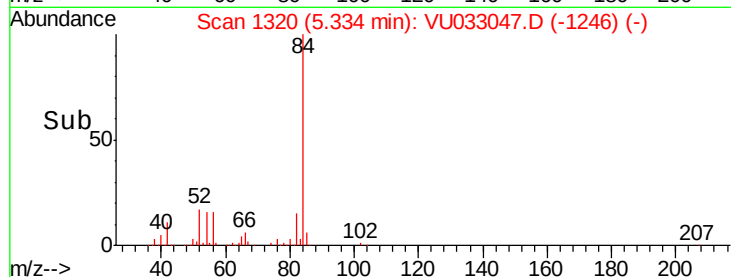
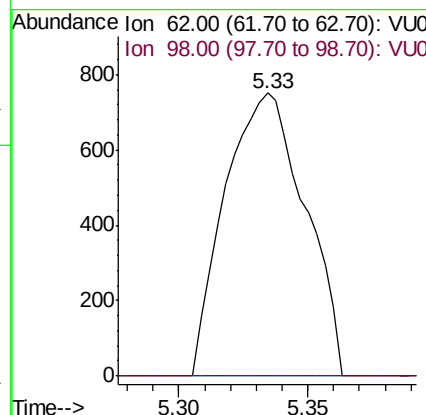
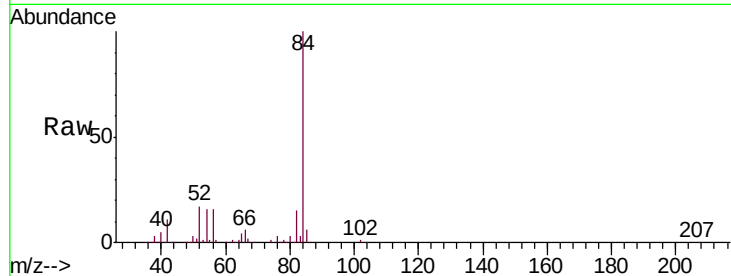




#27
 1,2-Dichloroethane
 Concen: 0.774 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU033047.D
 Acq: 25 Jun 2019 12:06

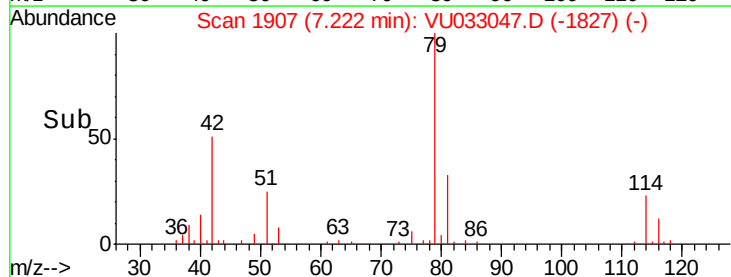
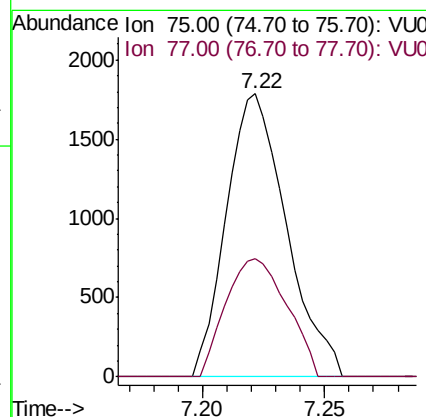
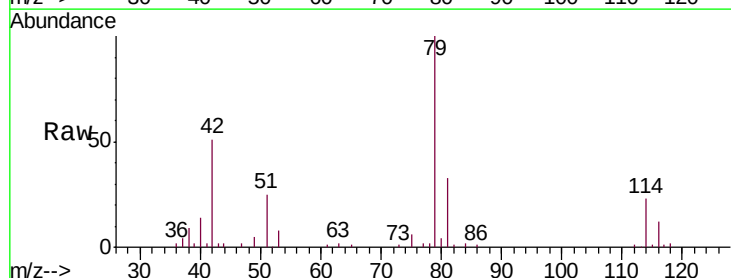
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF49

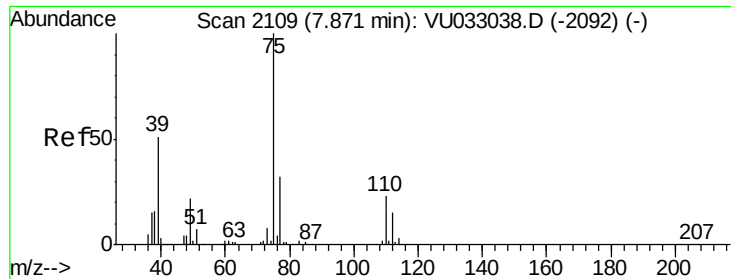
Tgt Ion: 62 Resp: 1622
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.316 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033047.D
 Acq: 25 Jun 2019 12:06

Tgt Ion: 75 Resp: 3056
 Ion Ratio Lower Upper
 75 100
 77 41.9 21.9 40.7#

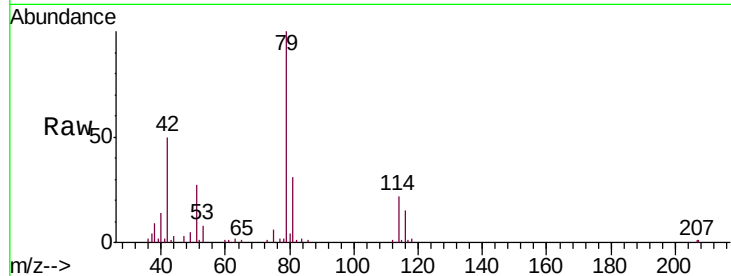




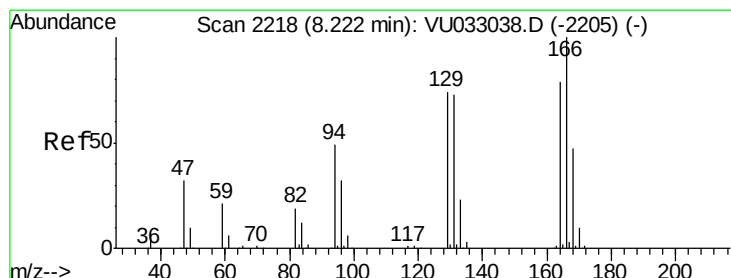
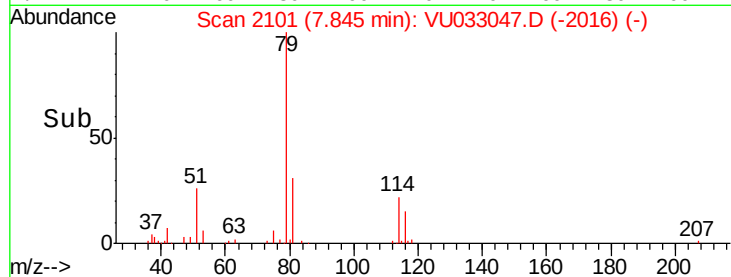
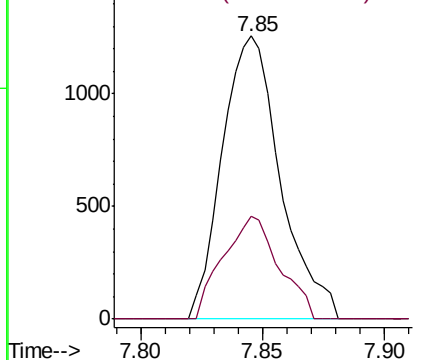
#44
trans-1,3-Dichloropropene
Concen: 0.955 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033047.D
Acq: 25 Jun 2019 12:06

Instrument :
MSVOA_U
ClientSampleId :
ETF49

Tgt Ion: 75 Resp: 2084
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.4

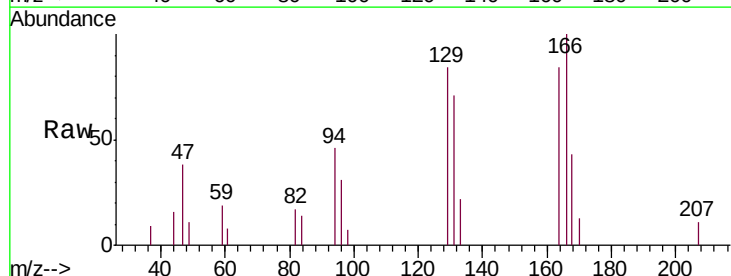


Abundance Ion 75.00 (74.70 to 75.70): VU033038.D (-2092) (-)
Ion 77.00 (76.70 to 77.70): VU033038.D (-2092) (-)

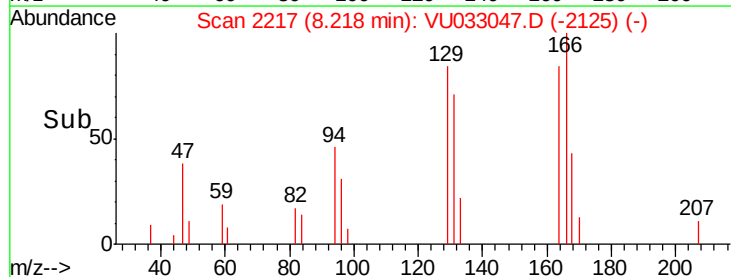
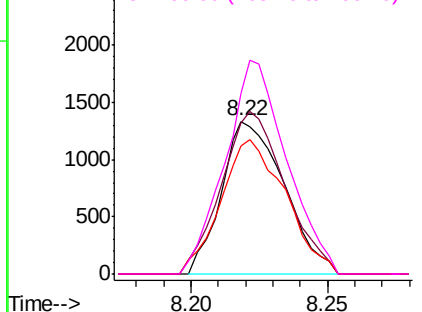


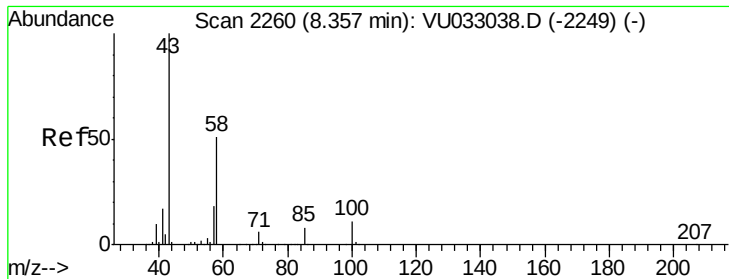
#46
Tetrachloroethene
Concen: 1.785 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033047.D
Acq: 25 Jun 2019 12:06

Tgt Ion:164 Resp: 2124
Ion Ratio Lower Upper
164 100
129 99.1 64.8 120.3
131 83.7 64.5 119.7
166 118.4 91.3 169.6



Abundance Ion 164.00 (163.70 to 164.70): VU033038.D (-2205) (-)
Ion 129.00 (128.70 to 129.70): VU033038.D (-2205) (-)
Ion 131.00 (130.70 to 131.70): VU033038.D (-2205) (-)
Ion 166.00 (165.70 to 166.70): VU033038.D (-2205) (-)

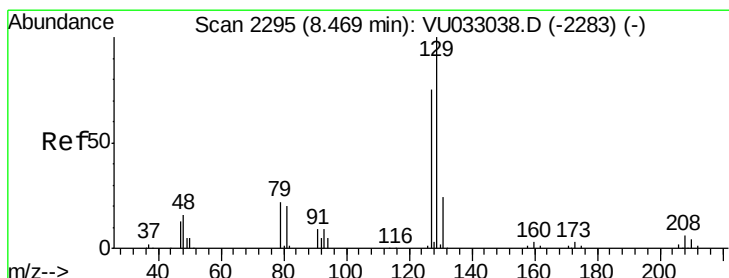
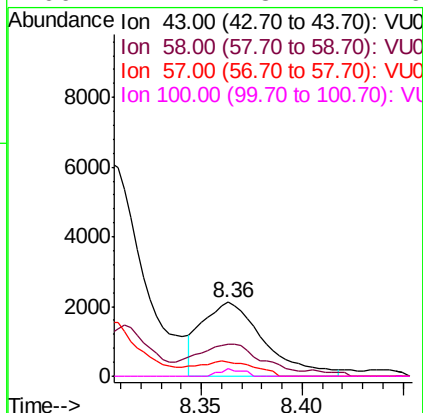
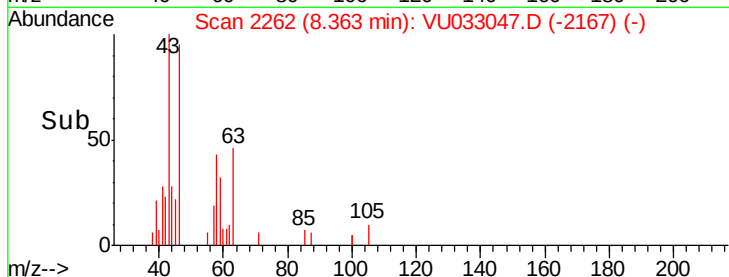
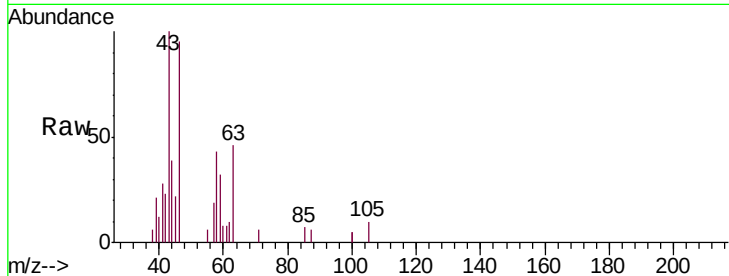




#48
2-Hexanone
Concen: 2.169 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU033047.D
Acq: 25 Jun 2019 12:06

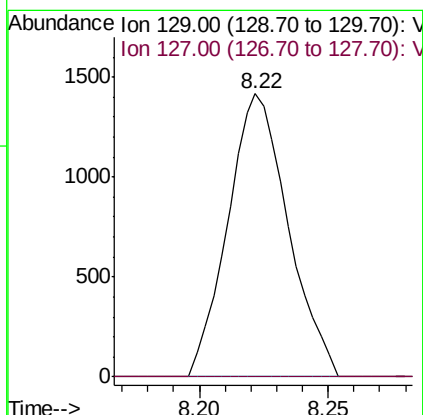
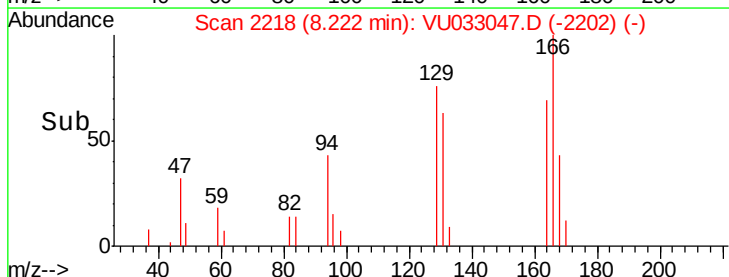
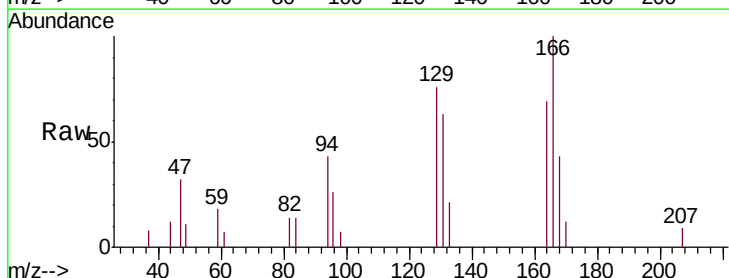
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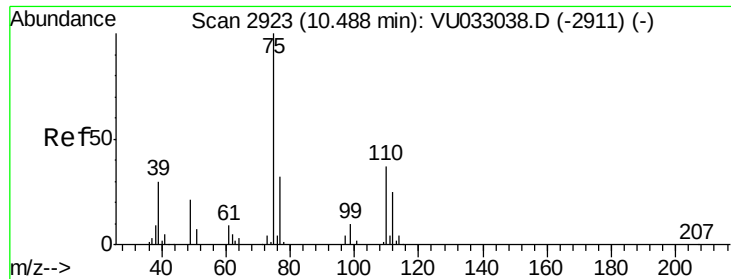
Tgt Ion: 43 Resp: 4554
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 14.6 14.2 21.4
100 2.4 8.4 12.6#



#49
Dibromochloromethane
Concen: 1.377 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033047.D
Acq: 25 Jun 2019 12:06

Tgt Ion: 129 Resp: 2303
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59

1,2,3-Trichloropropane

Concen: 5.675 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033047.D

Acq: 25 Jun 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

ETF49

Tgt Ion: 75 Resp: 11288

Ion Ratio Lower Upper

75 100

77 36.4 25.5 38.3

