

Data File : VU032117.D
Acq On : 17 May 2019 21:57
Operator : JC/SP
Sample : K2859-05DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W26DL

Quant Time: May 18 04:14:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147992	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115311	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	103809	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.27	63	170698	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.21	46	271917	45.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	4.64	84	228590	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	120862	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.33	84	467907	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.33	67	136542	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.56	98	390187	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.85	79	46588	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	235278	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123619	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	147346	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

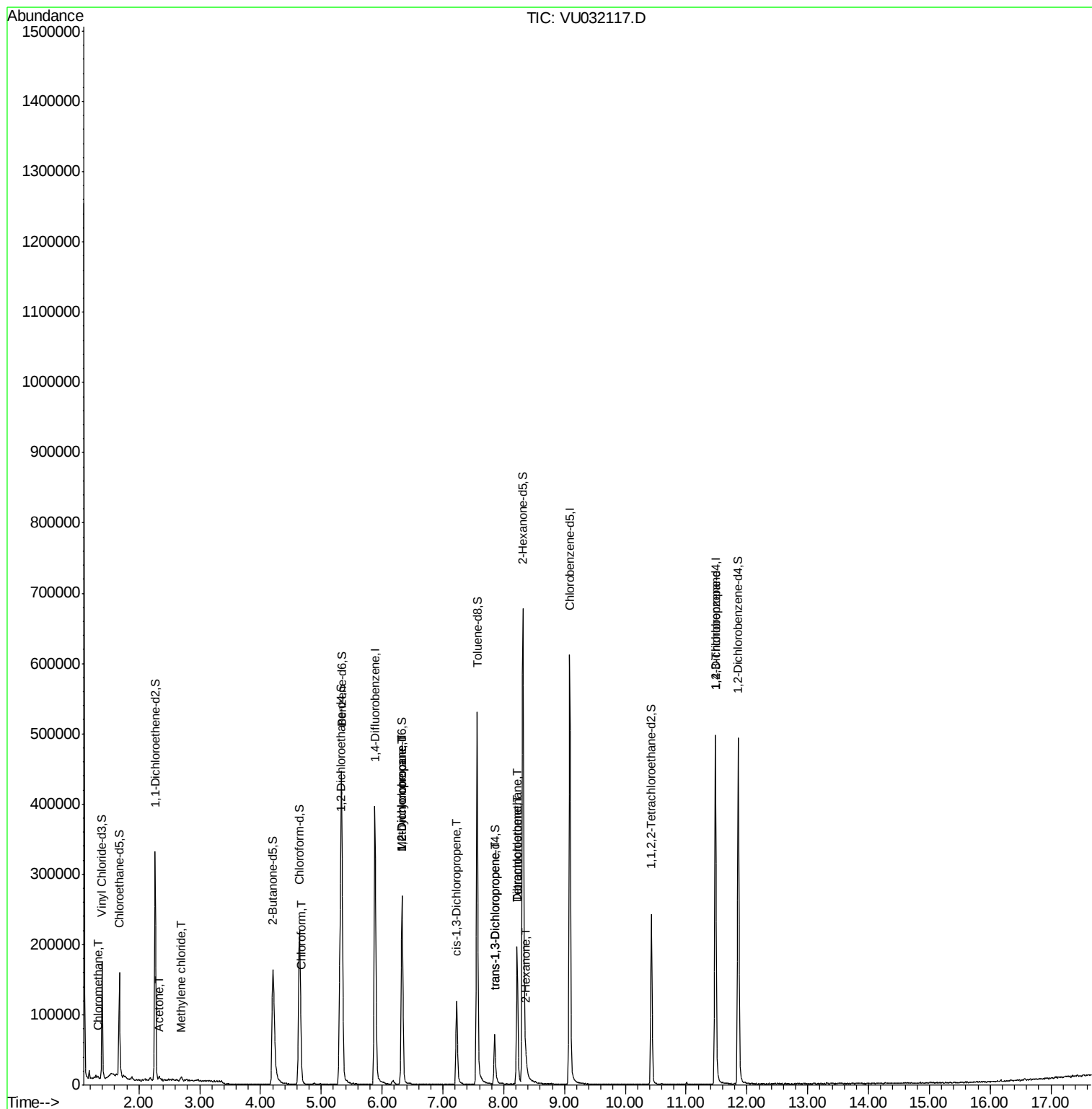
						Qvalue
3) Chloromethane	1.32	50	2321	0.134	ug/L	93
13) Acetone	2.34	43	1939	0.992	ug/L	58
16) Methylene chloride	2.70	84	2678	0.155	ug/L	86
25) Chloroform	4.67	83	7325	0.279	ug/L	97
35) Methylcyclohexane	6.32	83	34036	1.527	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14673	1.052	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2881	0.149	ug/L #	42
44) trans-1,3-Dichloropropene	7.86	75	1642	0.109	ug/L	91
47) Tetrachloroethene	8.22	164	46510	4.020	ug/L	96
48) 2-Hexanone	8.37	43	11169	2.226	ug/L #	39
49) Dibromochloromethane	8.22	129	43859	3.693	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	14550	1.642	ug/L #	85

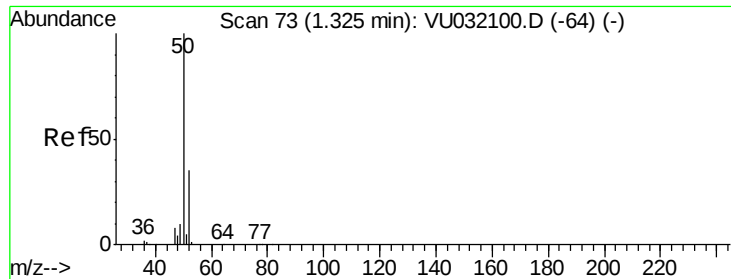
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032117.D

Acq: 17 May 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

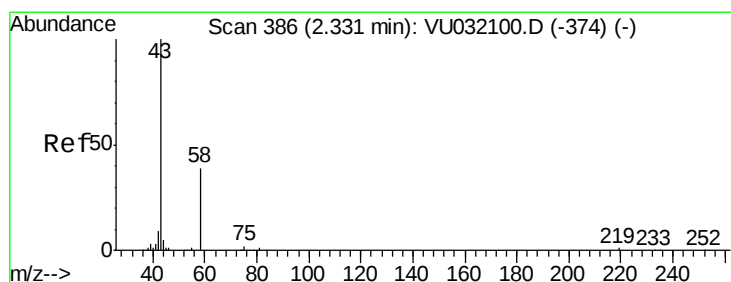
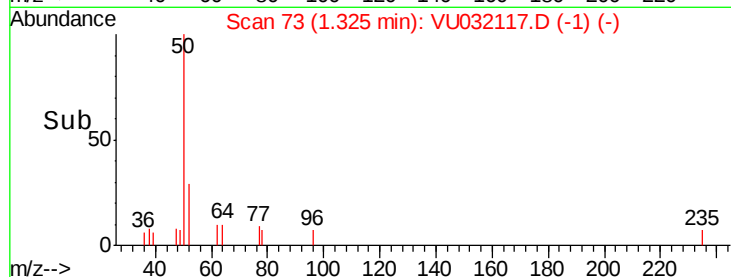
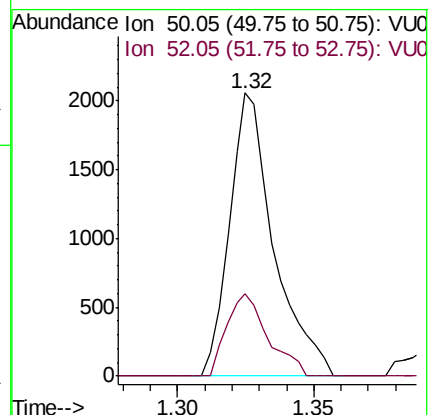
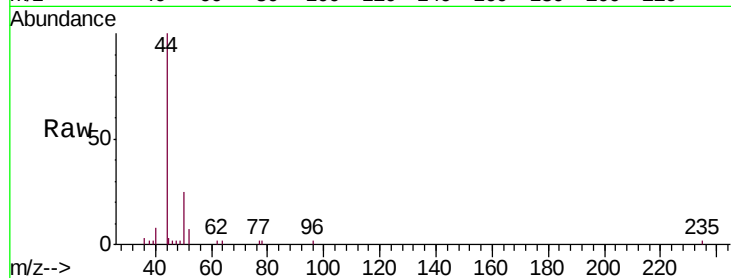
F9W26DL

Tgt Ion: 50 Resp: 2321

Ion Ratio Lower Upper

50 100

52 28.9 23.2 43.0



#13

Acetone

Concen: 0.992 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032117.D

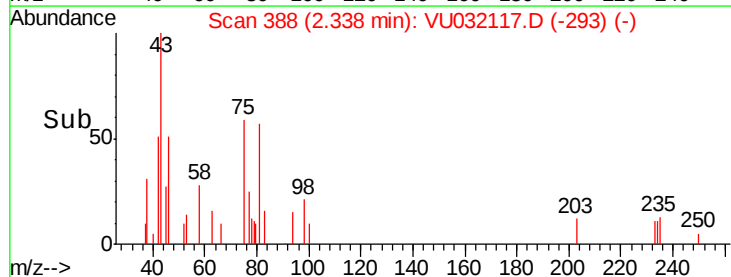
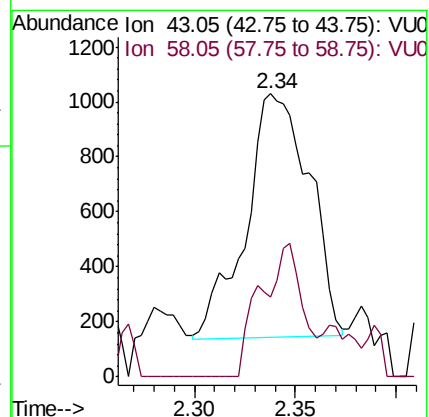
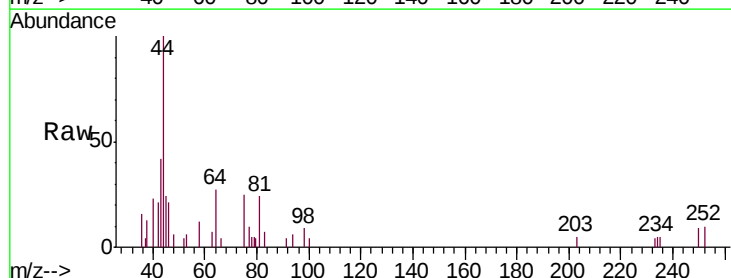
Acq: 17 May 2019 21:57

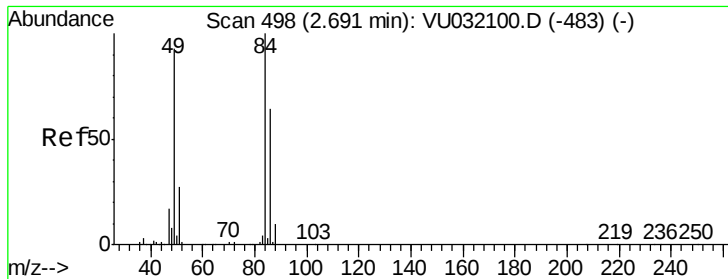
Tgt Ion: 43 Resp: 1939

Ion Ratio Lower Upper

43 100

58 13.8 0.0 78.8

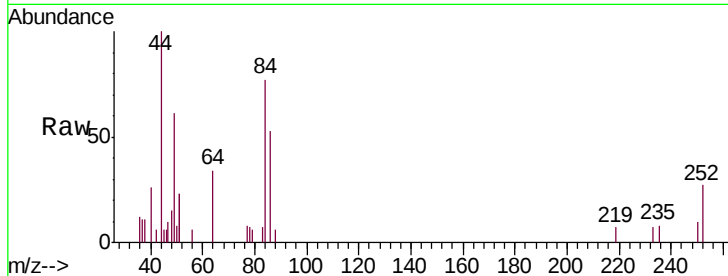




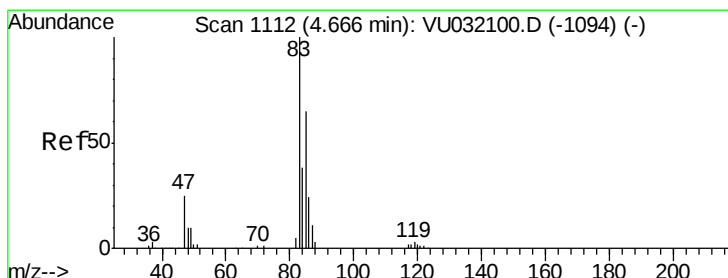
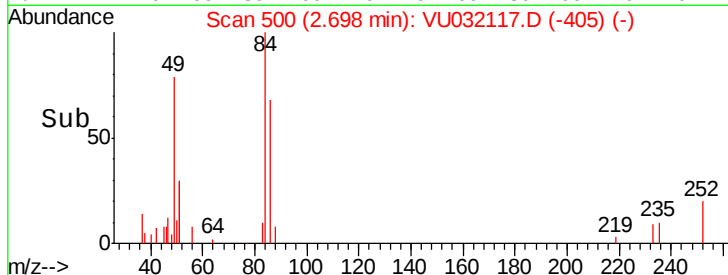
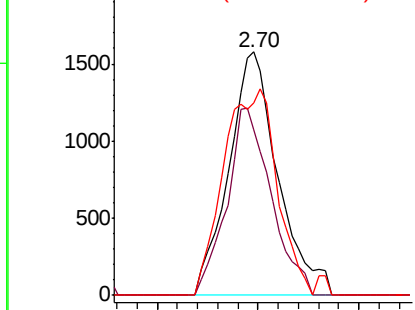
#16
Methylene chloride
Concen: 0.155 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032117.D
Acq: 17 May 2019 21:57

Instrument :
MSVOA_U
ClientSampleId :
F9W26DL

Tgt Ion: 84 Resp: 2678
Ion Ratio Lower Upper
84 100
86 68.1 43.1 80.1
49 79.2 67.7 125.7

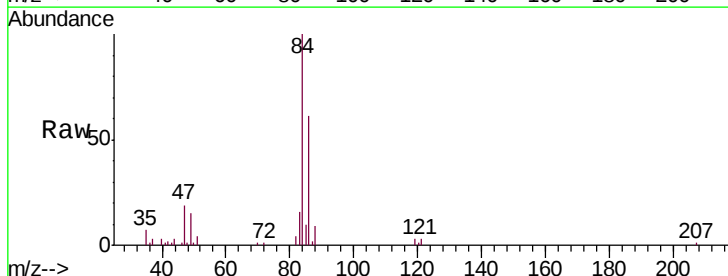


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

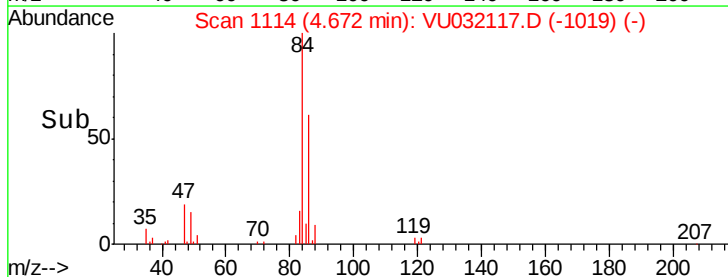
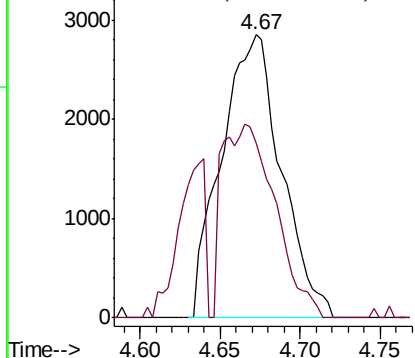


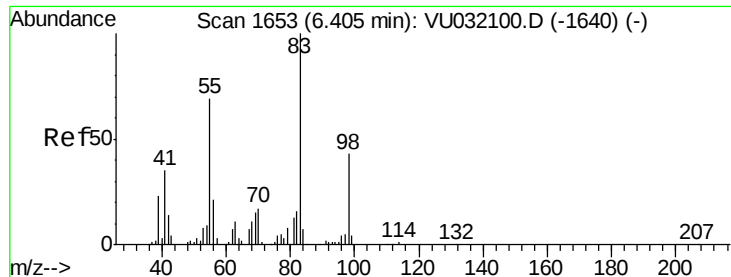
#25
Chloroform
Concen: 0.279 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU032117.D
Acq: 17 May 2019 21:57

Tgt Ion: 83 Resp: 7325
Ion Ratio Lower Upper
83 100
85 61.5 44.9 83.3



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





#35

Methylcyclohexane

Concen: 1.527 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032117.D

Acq: 17 May 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

F9W26DL

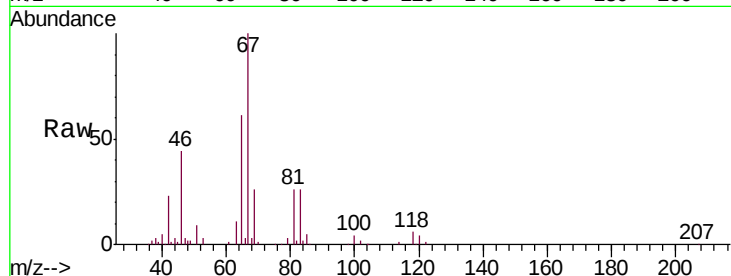
Tgt Ion: 83 Resp: 34036

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

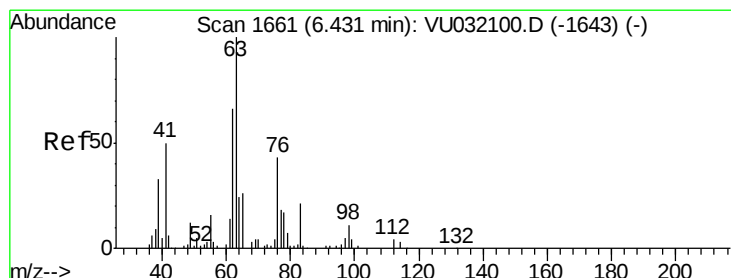
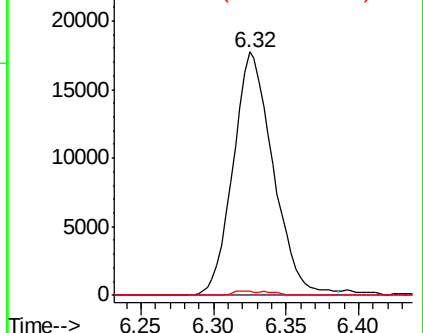
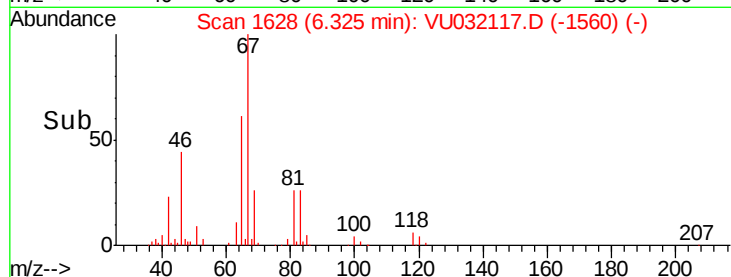
98 1.1 36.8 55.2#



Abundance Ion 83.15 (82.85 to 83.85): VU032117.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032117.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032117.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 1.052 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032117.D

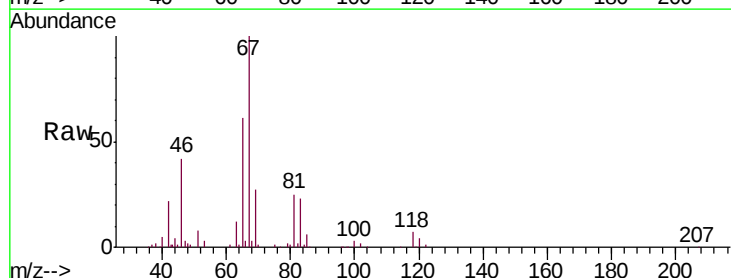
Acq: 17 May 2019 21:57

Tgt Ion: 63 Resp: 14673

Ion Ratio Lower Upper

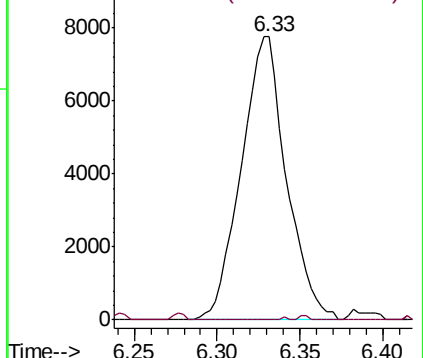
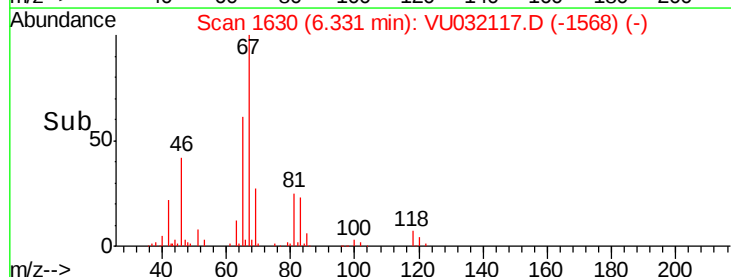
63 100

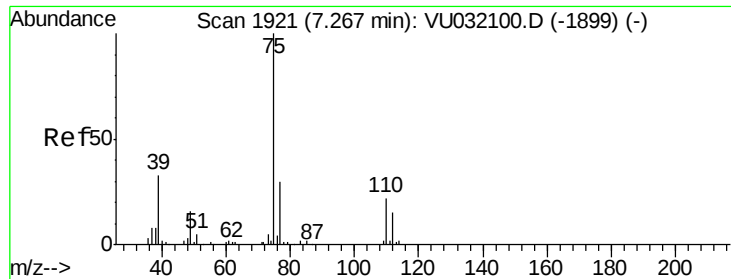
112 0.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032117.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VU032117.D (-1568) (-)

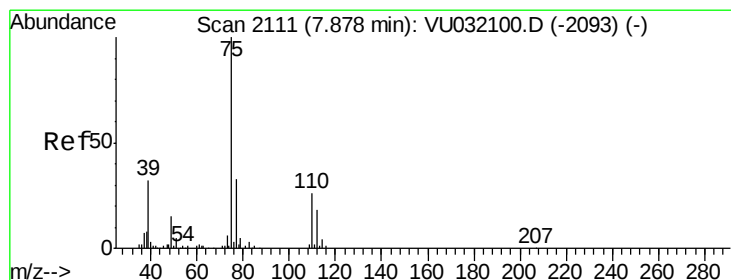
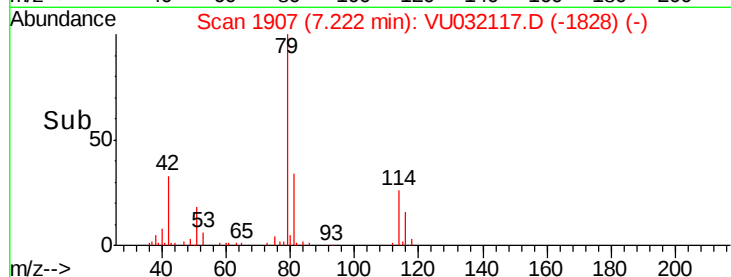
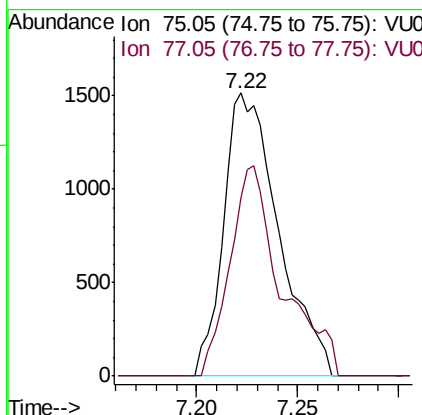
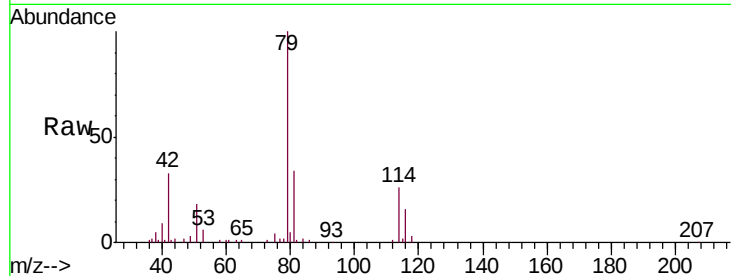




#39
 cis-1,3-Dichloropropene
 Concen: 0.149 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032117.D
 Acq: 17 May 2019 21:57

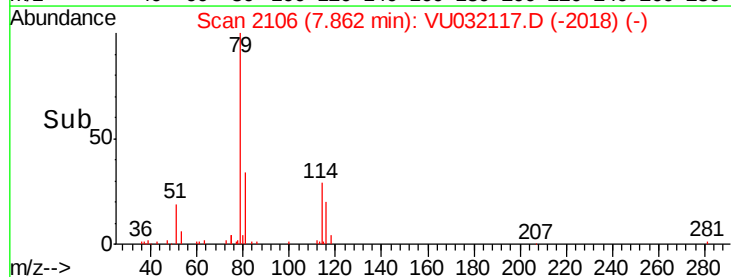
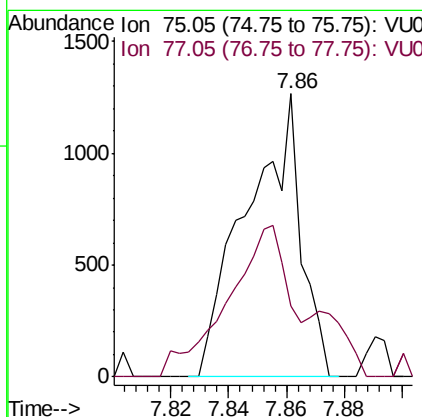
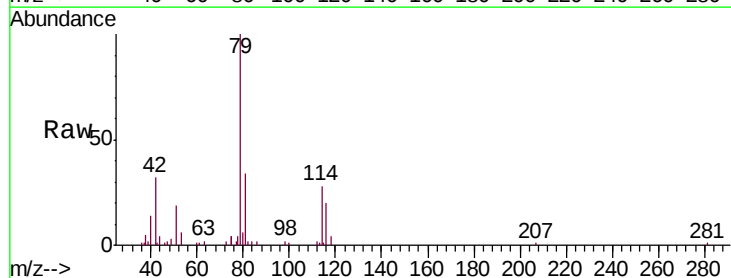
Instrument :
 MSVOA_U
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 F9W26DL

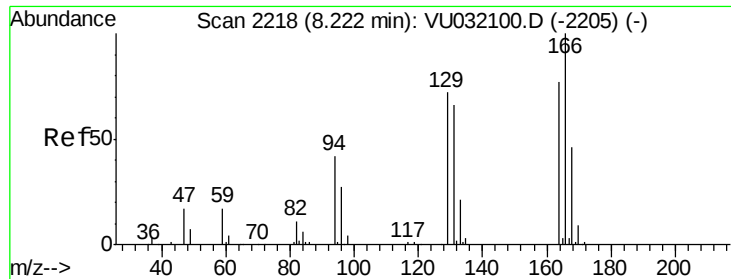
Tgt Ion: 75 Resp: 2881
 Ion Ratio Lower Upper
 75 100
 77 63.0 21.7 40.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.02 min
 Lab File: VU032117.D
 Acq: 17 May 2019 21:57

Tgt Ion: 75 Resp: 1642
 Ion Ratio Lower Upper
 75 100
 77 25.0 21.0 39.0

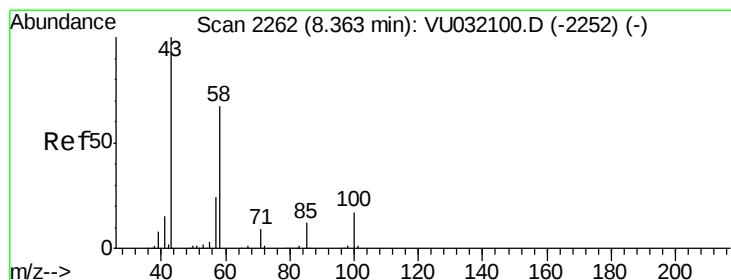
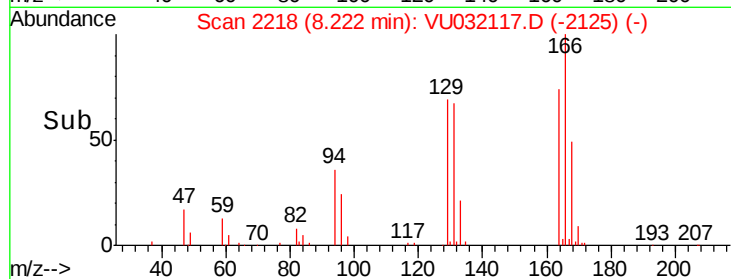
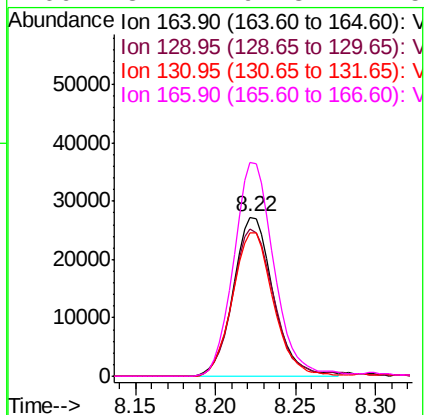
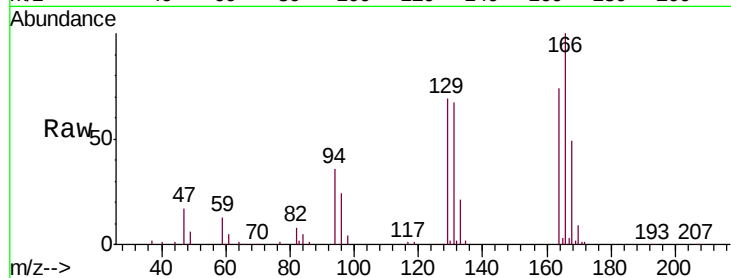




#47
Tetrachloroethene
Concen: 4.020 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032117.D
Acq: 17 May 2019 21:57

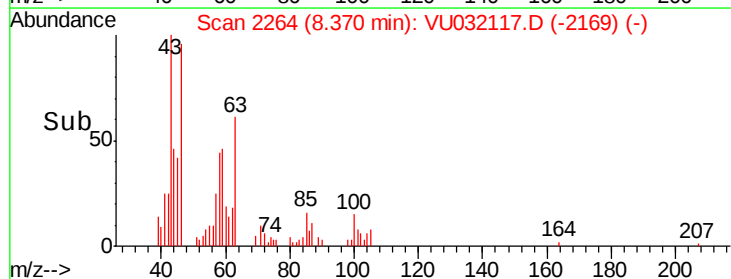
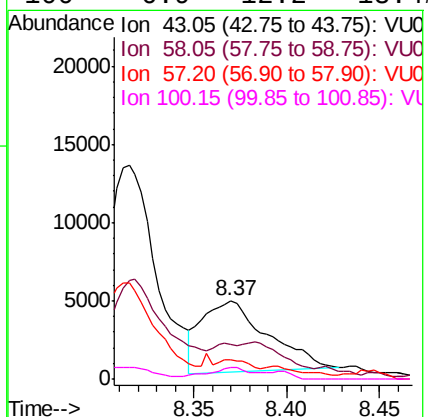
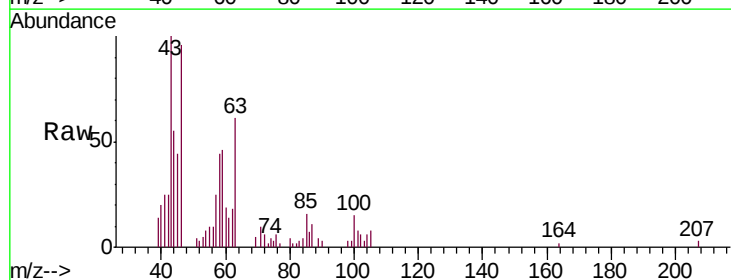
Instrument :
MSVOA_U
ClientSampleId :
F9W26DL

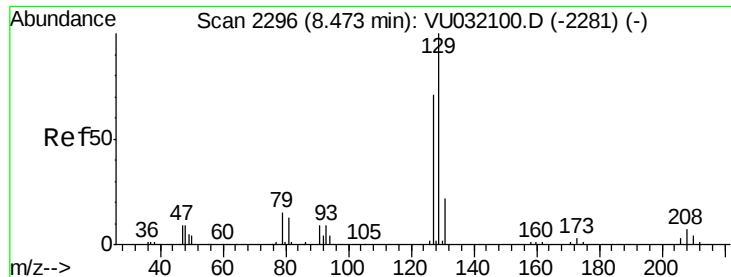
Tgt Ion:	164	Resp:	46510
Ion	Ratio	Lower	Upper
164	100		
129	92.5	70.3	130.5
131	90.2	64.5	119.9
166	134.4	92.3	171.5



#48
2-Hexanone
Concen: 2.226 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032117.D
Acq: 17 May 2019 21:57

Tgt Ion:	43	Resp:	11169
Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	9.1	18.4	27.6#
100	6.9	12.2	18.4#





#49

Dibromochloromethane

Concen: 3.693 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032117.D

Acq: 17 May 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

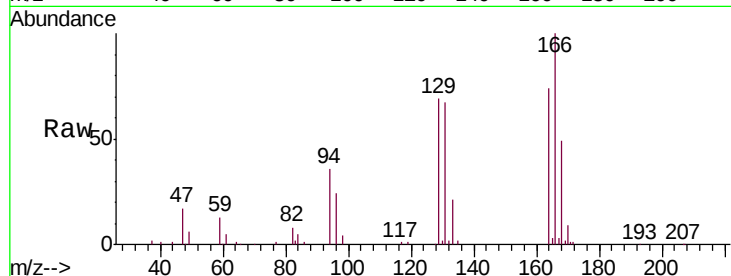
F9W26DL

Tgt Ion: 129 Resp: 43859

Ion Ratio Lower Upper

129 100

127 0.6 55.2 102.6#

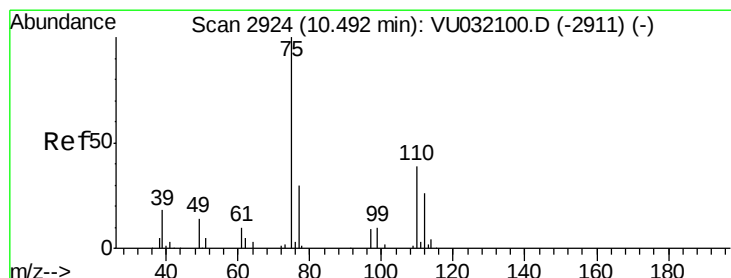
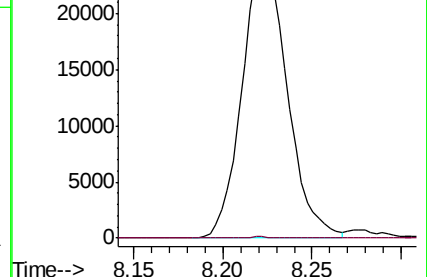
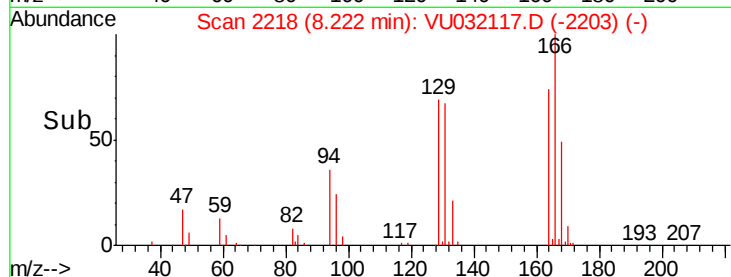


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.642 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032117.D

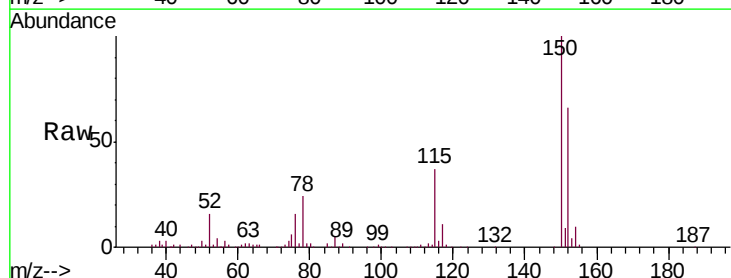
Acq: 17 May 2019 21:57

Tgt Ion: 75 Resp: 14550

Ion Ratio Lower Upper

75 100

77 41.3 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

Time-->

