

Data File : VU032080.D
Acq On : 17 May 2019 04:57
Operator : JC/SP
Sample : K2850-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W19

Quant Time: May 17 08:45:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144787	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	125674	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	202927	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.21	46	276603	45.07	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	4.64	84	250926	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	130975	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.33	84	537313	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	156725	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.56	98	442474	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	52183	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.31	63	246039	44.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128965	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	159211	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

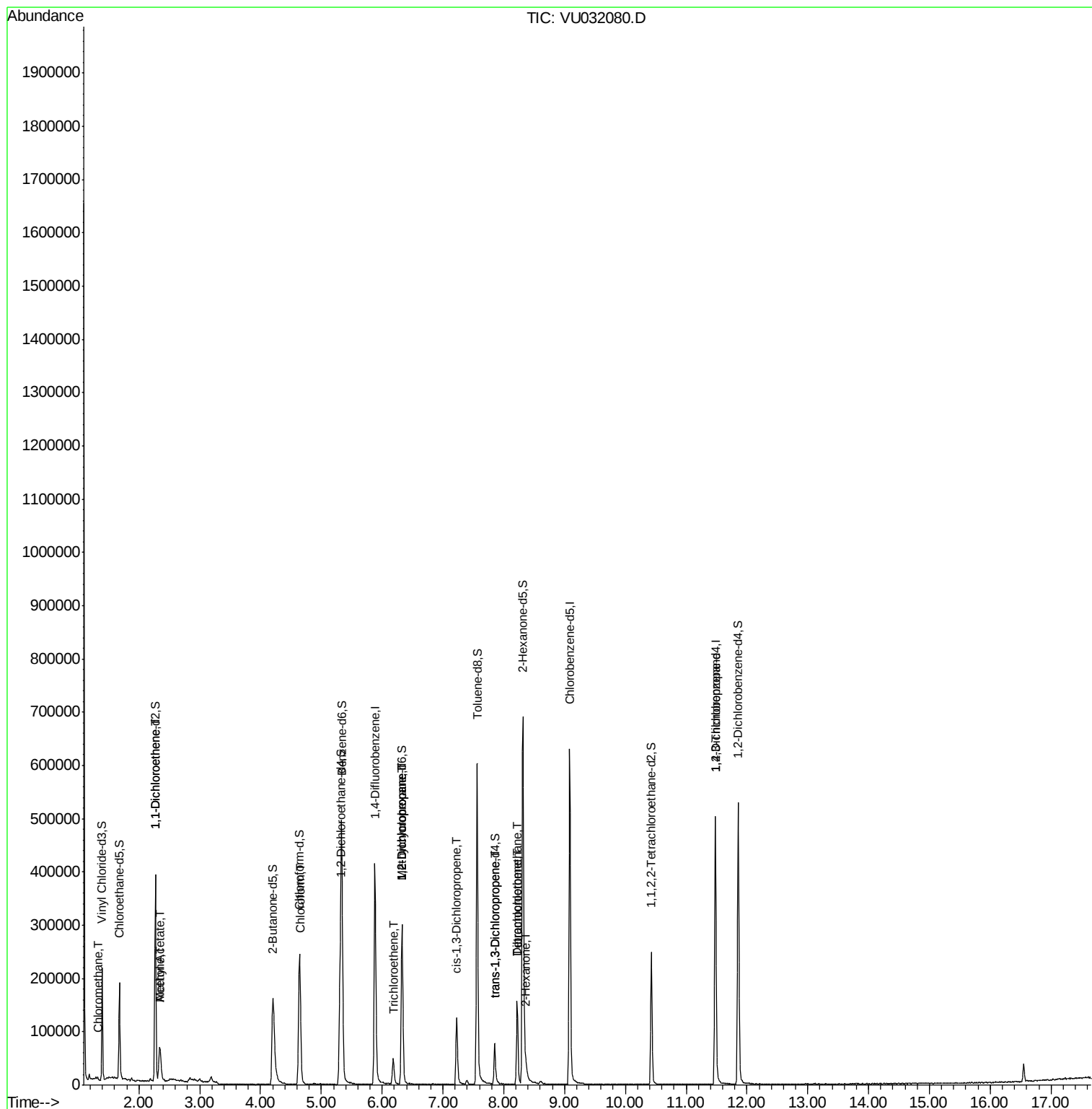
					Qvalue
3) Chloromethane	1.32	50	2935	0.165 ug/L	91
12) 1,1-Dichloroethene	2.27	96	2106	0.141 ug/L #	1
13) Acetone	2.34	43	92164	45.746 ug/L	97
15) Methyl Acetate	2.34	43	83787	14.504 ug/L #	42
25) Chloroform	4.66	83	6132	0.227 ug/L	91
34) Trichloroethene	6.18	95	16811	1.049 ug/L	89
35) Methylcyclohexane	6.33	83	36280	1.572 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	16785	1.162 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3349	0.168 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	2384	0.154 ug/L	89
47) Tetrachloroethene	8.22	164	37566	3.136 ug/L	98
48) 2-Hexanone	8.36	43	7857	1.513 ug/L #	84
49) Dibromochloromethane	8.22	129	37675	3.064 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	16274	1.774 ug/L #	85

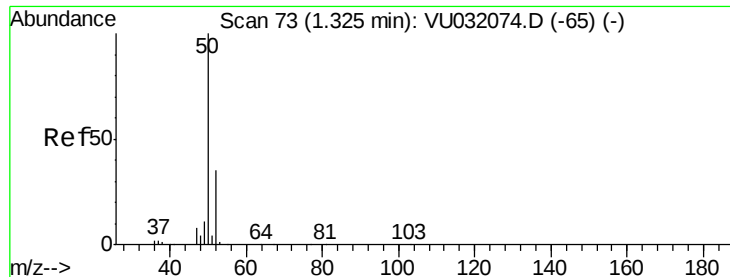
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Instrument :

MSVOA_U

ClientSampleId :

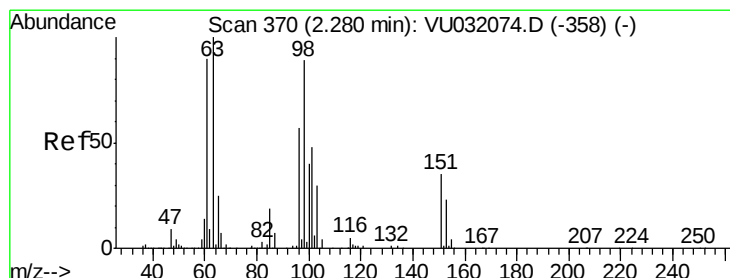
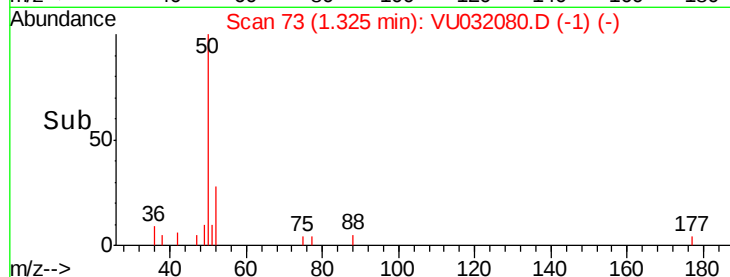
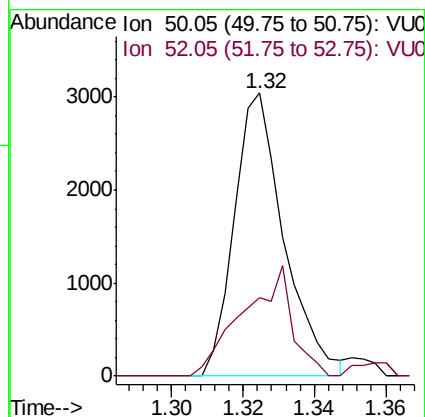
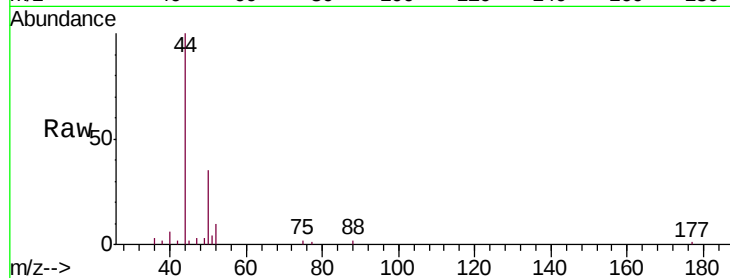
F9W19

Tgt Ion: 50 Resp: 2935

Ion Ratio Lower Upper

50 100

52 27.7 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.141 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

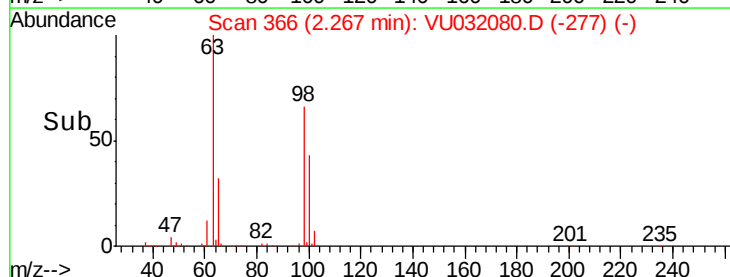
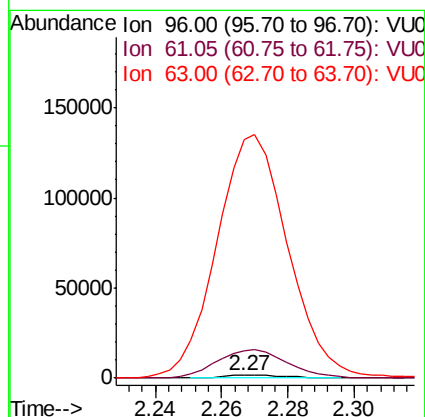
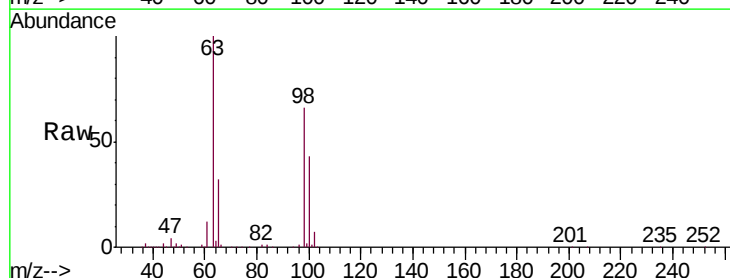
Tgt Ion: 96 Resp: 2106

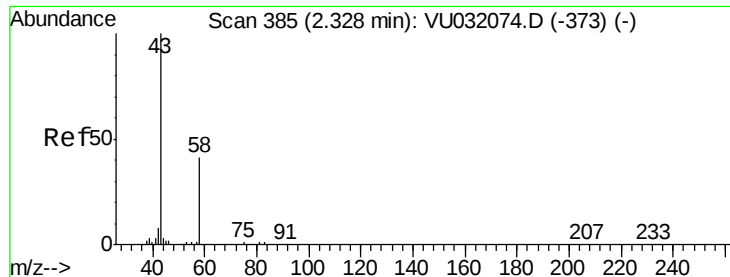
Ion Ratio Lower Upper

96 100

61 977.3 111.7 207.5#

63 8377.0 152.2 282.6#





#13

Acetone

Concen: 45.746 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Instrument :

MSVOA_U

ClientSampleId :

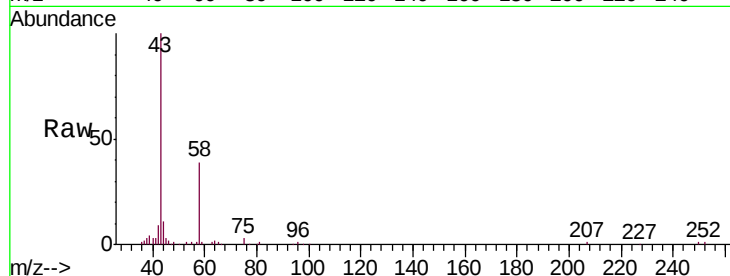
F9W19

Tgt Ion: 43 Resp: 92164

Ion Ratio Lower Upper

43 100

58 41.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032074.D (-373) (-)

2.34

40000

30000

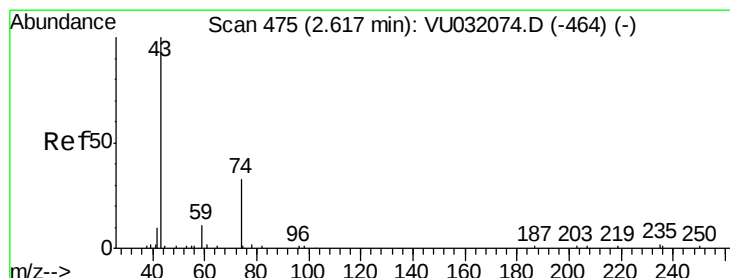
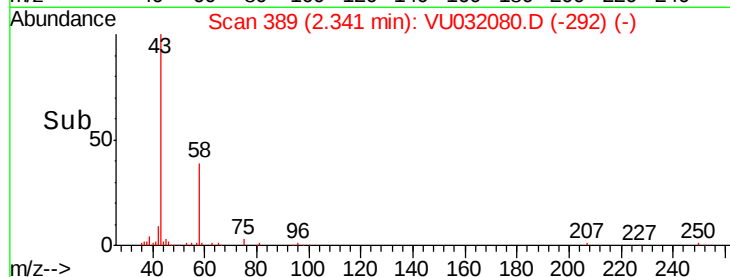
20000

10000

0

2.30 2.40

Time-->



#15

Methyl Acetate

Concen: 14.504 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.28 min

Lab File: VU032080.D

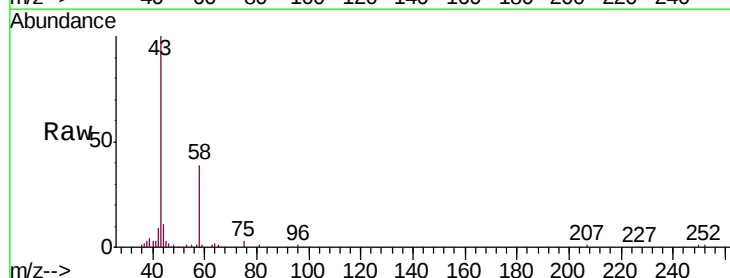
Acq: 17 May 2019 04:57

Tgt Ion: 43 Resp: 83787

Ion Ratio Lower Upper

43 100

74 0.1 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-464) (-)

Ion 74.05 (73.75 to 74.75): VU032074.D (-464) (-)

2.34

40000

30000

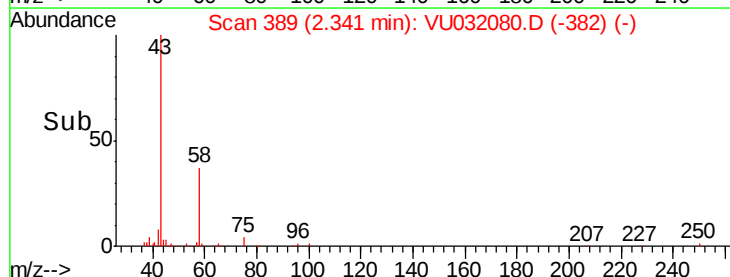
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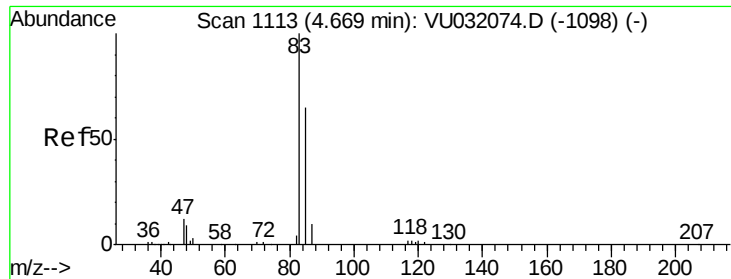
10000

0

2.30 2.35 2.40 2.45

Time-->





#25

Chloroform

Concen: 0.227 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Instrument :

MSVOA_U

ClientSampleId :

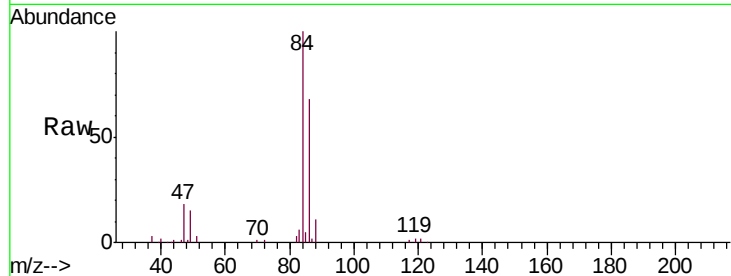
F9W19

Tgt Ion: 83 Resp: 6132

Ion Ratio Lower Upper

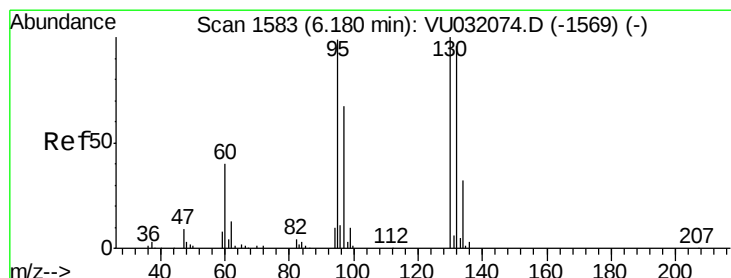
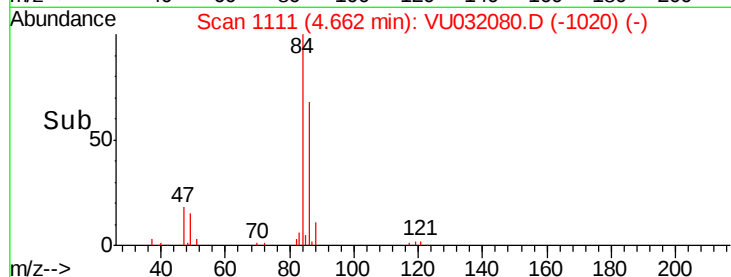
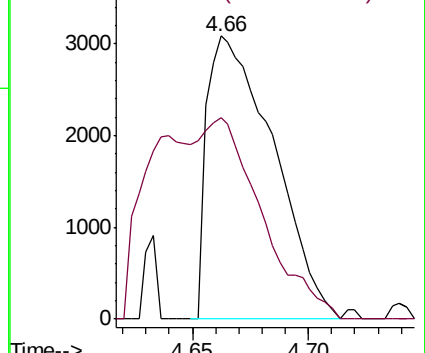
83 100

85 71.1 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032074.D (-1098) (-)

Ion 85.00 (84.70 to 85.70): VU032074.D (-1098) (-)



#34

Trichloroethene

Concen: 1.049 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Tgt Ion: 95 Resp: 16811

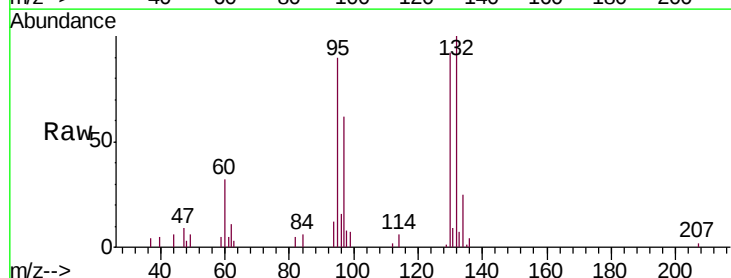
Ion Ratio Lower Upper

95 100

97 68.8 45.2 84.0

132 111.4 66.1 122.7

130 102.6 66.7 123.9

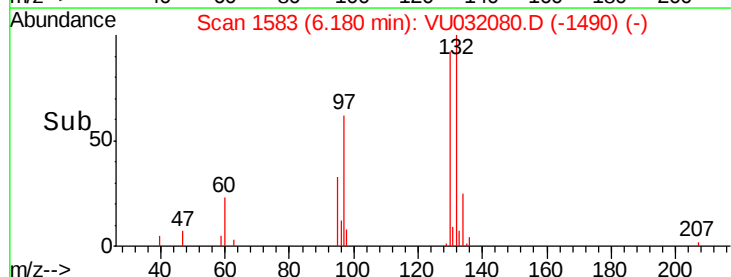
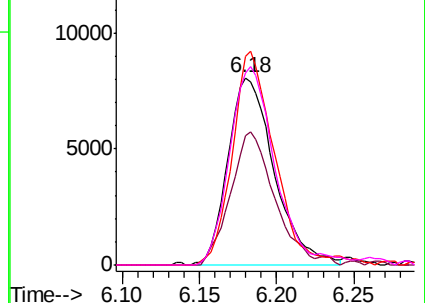


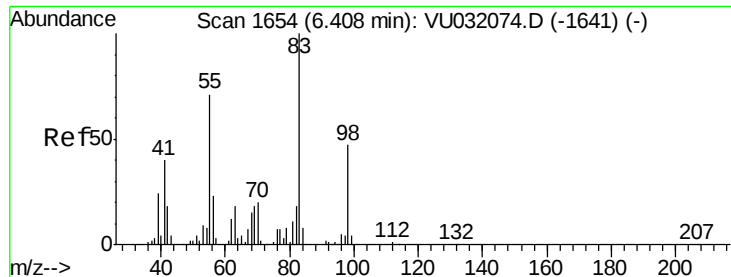
Abundance Ion 95.00 (94.70 to 95.70): VU032074.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032074.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032074.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032074.D (-1569) (-)

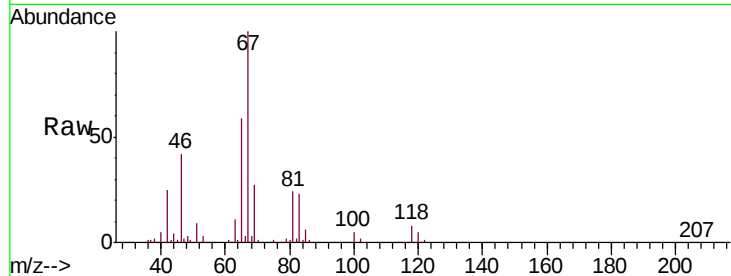




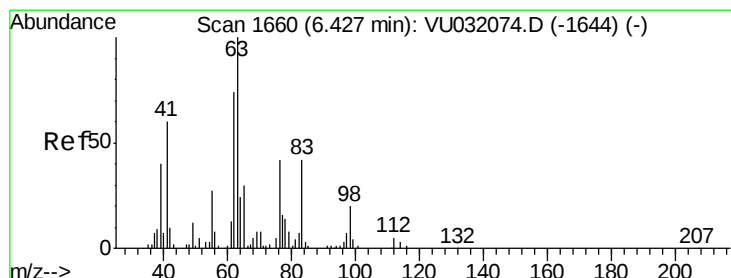
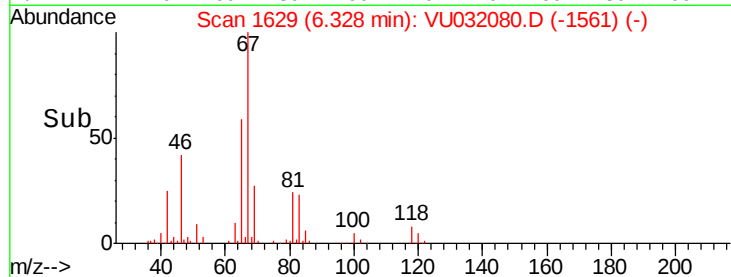
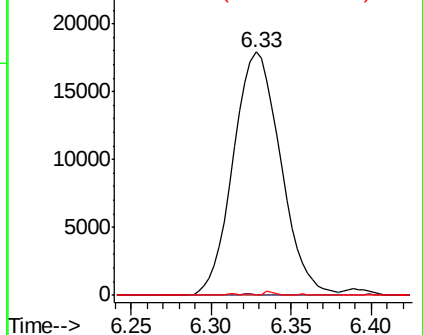
#35
Methylcyclohexane
Concen: 1.572 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032080.D
Acq: 17 May 2019 04:57

Instrument :
MSVOA_U
ClientSampleId :
F9W19

Tgt Ion: 83 Resp: 36280
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.3 36.8 55.2#

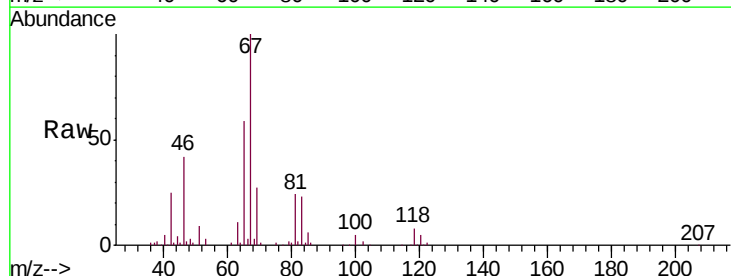


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

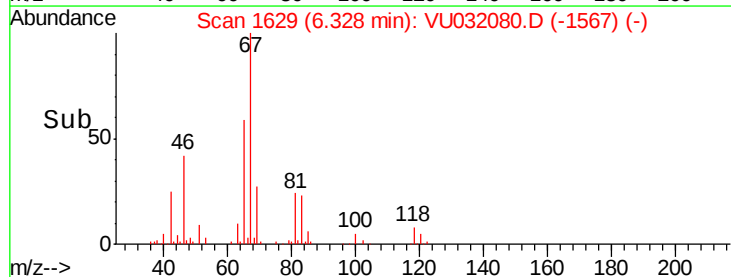
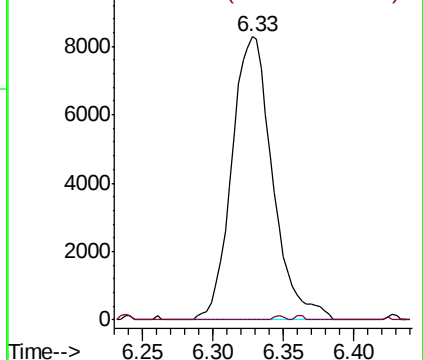


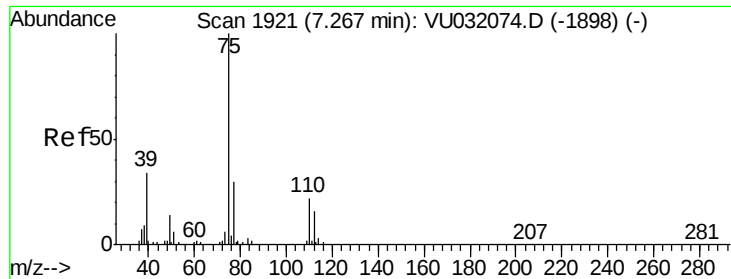
#37
1,2-Dichloropropane
Concen: 1.162 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032080.D
Acq: 17 May 2019 04:57

Tgt Ion: 63 Resp: 16785
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



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: 0.168 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Instrument :

MSVOA_U

ClientSampleId :

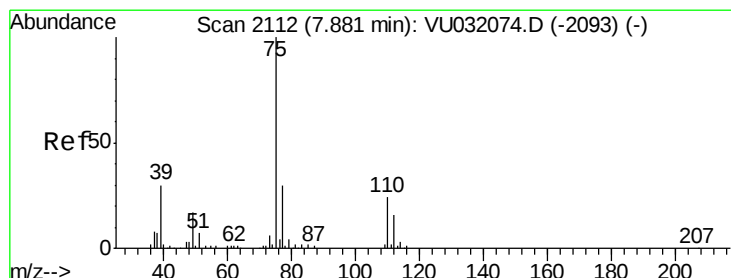
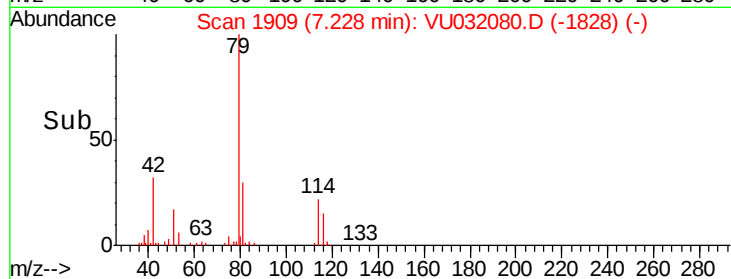
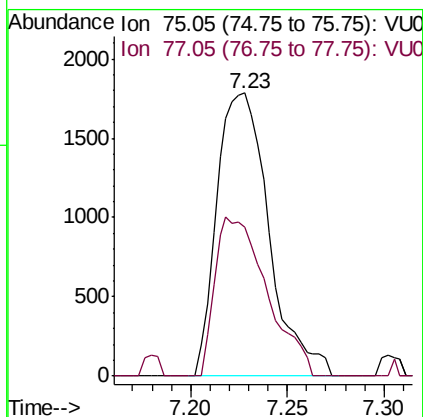
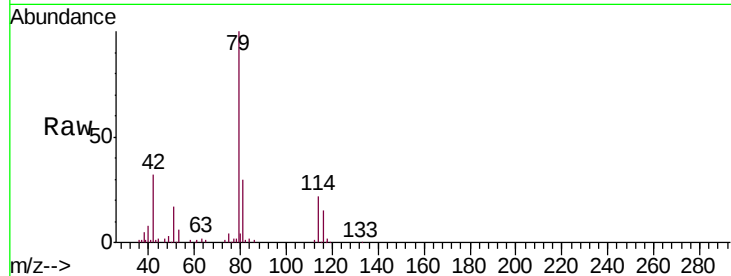
F9W19

Tgt Ion: 75 Resp: 3349

Ion Ratio Lower Upper

75 100

77 52.5 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032080.D

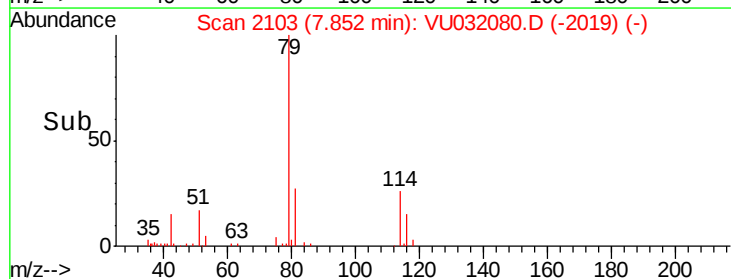
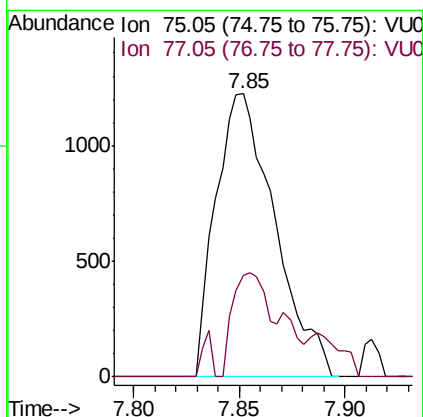
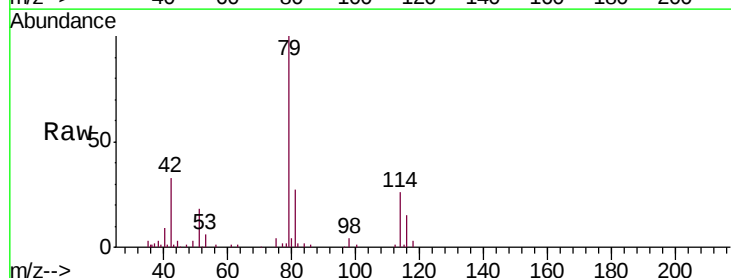
Acq: 17 May 2019 04:57

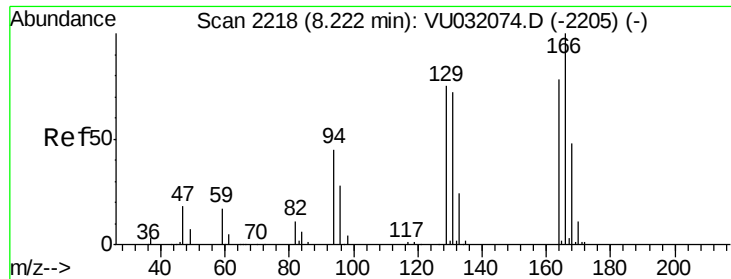
Tgt Ion: 75 Resp: 2384

Ion Ratio Lower Upper

75 100

77 35.9 21.0 39.0

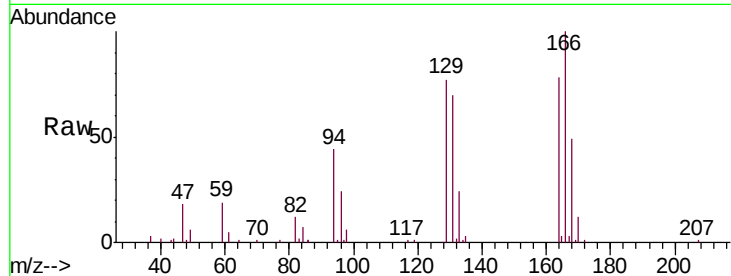




#47
Tetrachloroethene
Concen: 3.136 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032080.D
Acq: 17 May 2019 04:57

Instrument :
MSVOA_U
ClientSampleId :
F9W19

Tgt Ion:	164	Resp:	37566
Ion	Ratio	Lower	Upper
164	100		
129	99.1	70.3	130.5
131	90.4	64.5	119.9
166	128.3	92.3	171.5



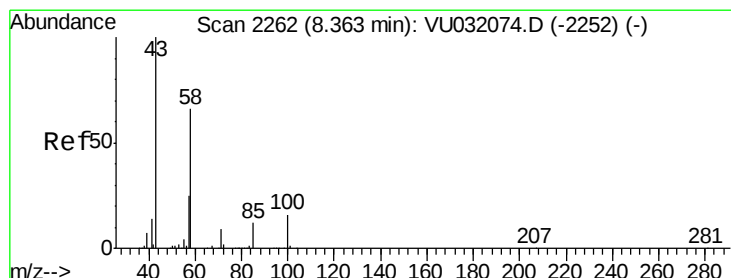
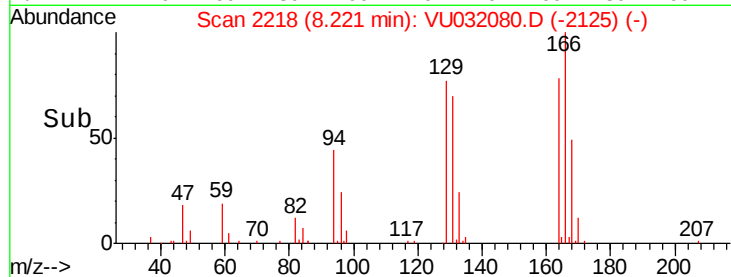
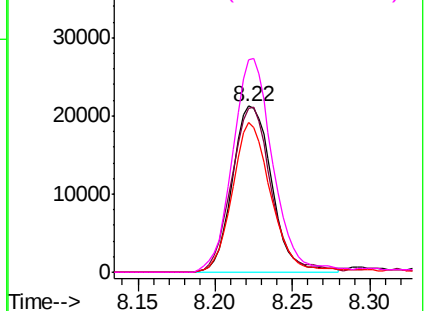
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

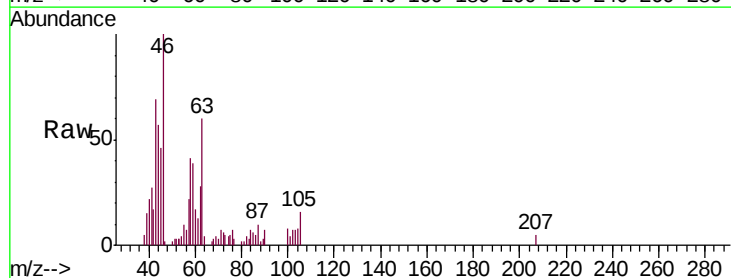
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 1.513 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032080.D
Acq: 17 May 2019 04:57

Tgt Ion:	43	Resp:	7857
Ion	Ratio	Lower	Upper
43	100		
58	49.9	51.6	77.4#
57	27.2	18.4	27.6
100	7.3	12.2	18.4#



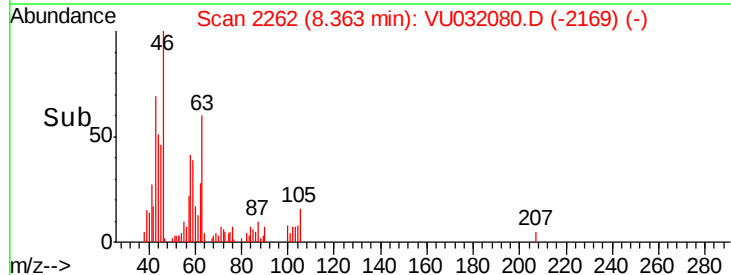
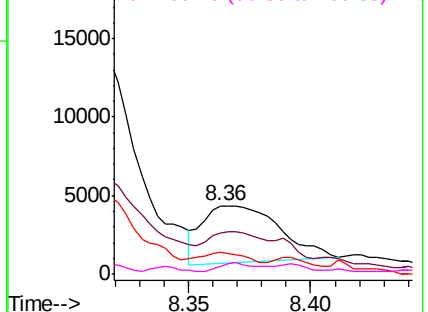
Abundance

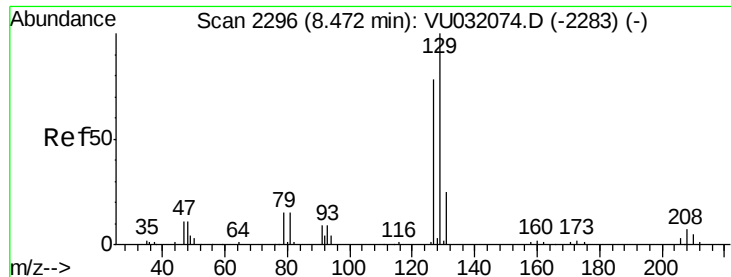
Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 3.064 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Instrument :

MSVOA_U

ClientSampleId :

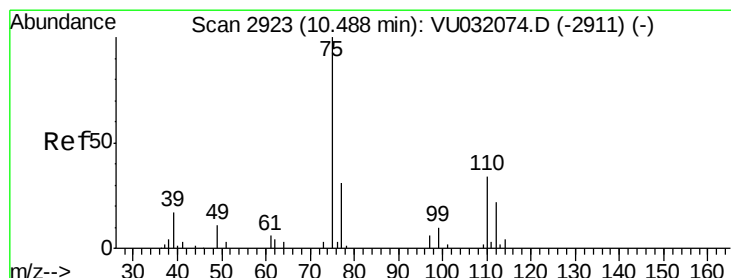
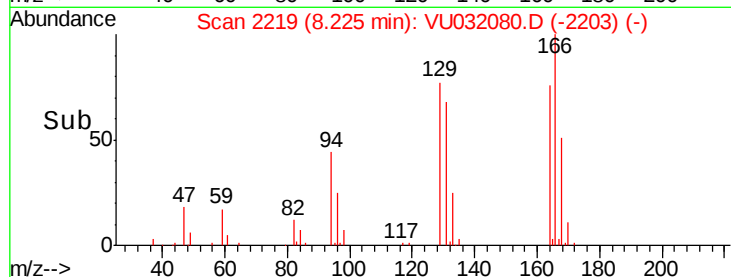
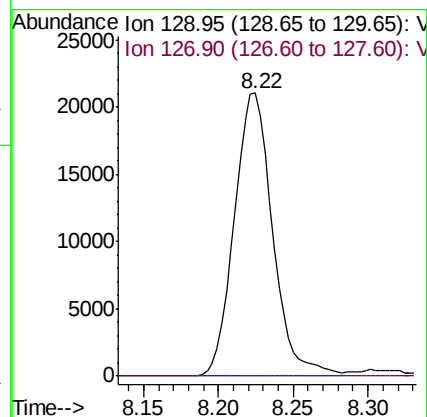
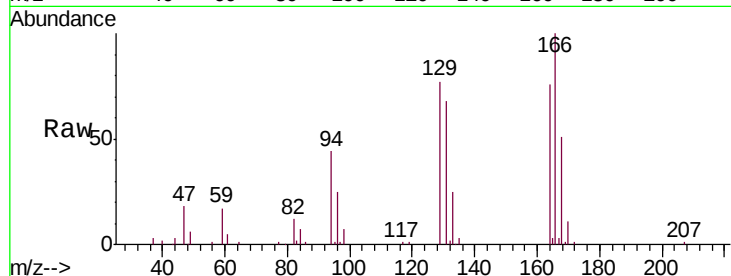
F9W19

Tgt Ion:129 Resp: 37675

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

1,2,3-Trichloropropane

Concen: 1.774 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032080.D

Acq: 17 May 2019 04:57

Tgt Ion: 75 Resp: 16274

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.2#

