

Data File : VU031972.D
Acq On : 13 May 2019 15:22
Operator : JC/SP
Sample : K2791-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D55

Quant Time: May 14 02:43:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	520123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105174	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.67	69	112126	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.27	63	180275	2.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.20%#
20) 2-Butanone-d5	4.19	46	516810	37.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	4.64	84	267791	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.31	65	147979	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
32) Benzene-d6	5.33	84	509070	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.33	67	178716	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	380623	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	7.85	79	58347	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.31	63	400559	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160930	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	147538	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

						Qvalue
8) Chloroethane	1.70	64	6857	0.200	ug/L #	66
12) 1,1-Dichloroethene	2.28	96	18008	0.509	ug/L #	1
13) Acetone	2.32	43	360669	38.155	ug/L	84
15) Methyl Acetate	2.46	43	83601	3.428	ug/L #	59
18) trans-1,2-Dichloroethene	2.98	96	3050	0.080	ug/L	77
19) 1,1-Dichloroethane	3.44	63	54841	0.585	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	499250	10.908	ug/L	79
25) Chloroform	4.67	83	17830	0.193	ug/L	99
27) 1,2-Dichloroethane	5.41	62	11230	0.184	ug/L #	95
34) Trichloroethene	6.18	95	79326	1.753	ug/L	95
35) Methylcyclohexane	6.33	83	41063	0.632	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	19090	0.372	ug/L #	93
47) Tetrachloroethene	8.22	164	446180	15.163	ug/L	97
49) Dibromochloromethane	8.22	129	429273	12.128	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	25112	0.826	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\
Quantitation Report (Not Reviewed)

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QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

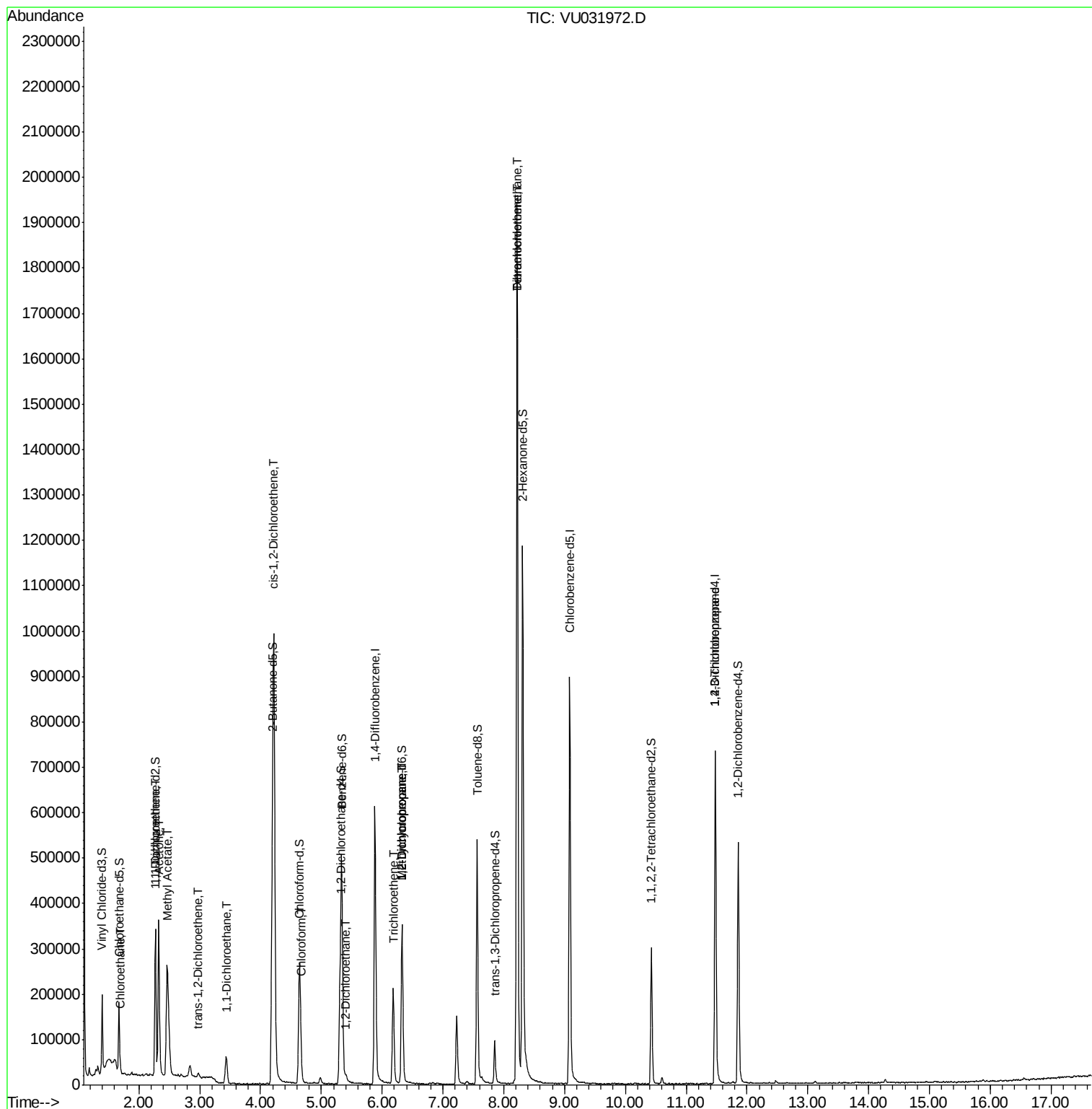
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

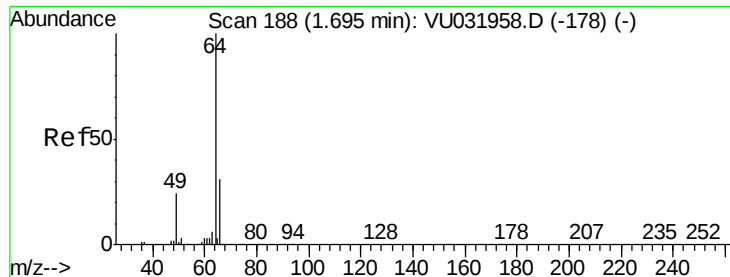
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.200 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

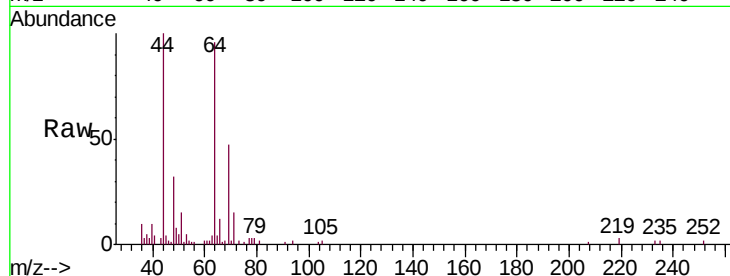
F9D55

Tgt Ion: 64 Resp: 6857

Ion Ratio Lower Upper

64 100

66 12.7 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.70

10000

8000

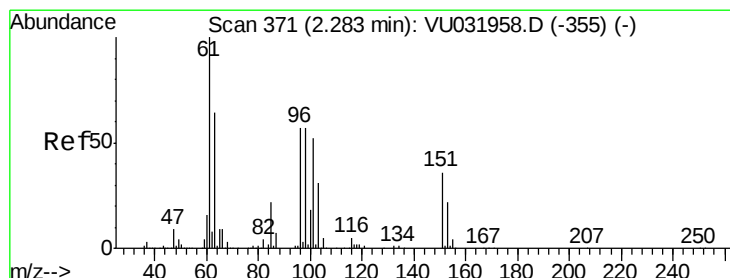
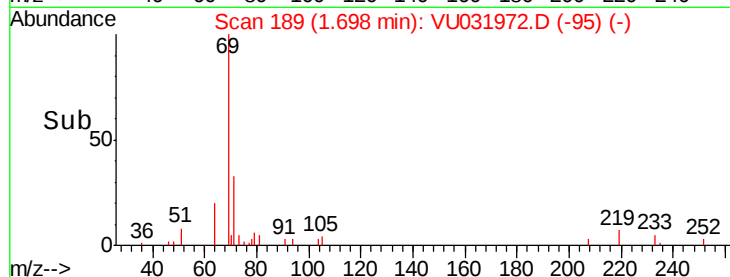
6000

4000

2000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

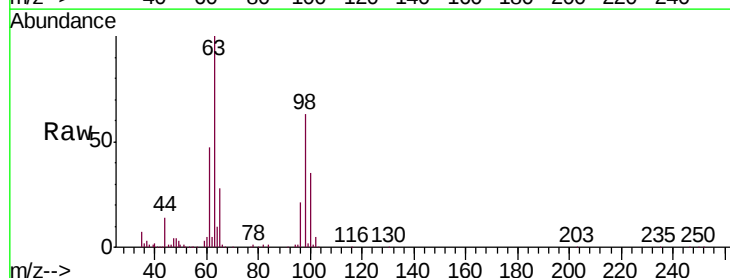
Tgt Ion: 96 Resp: 18008

Ion Ratio Lower Upper

96 100

61 219.9 149.0 276.6

63 471.8 99.8 185.4#



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

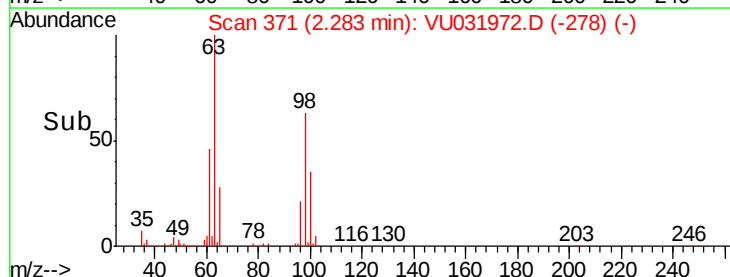
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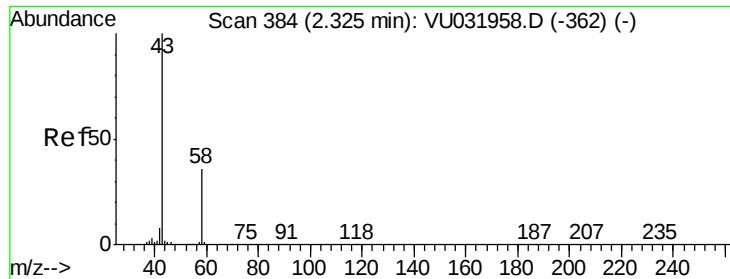
100000

50000

0

Time-->





#13

Acetone

Concen: 38.155 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

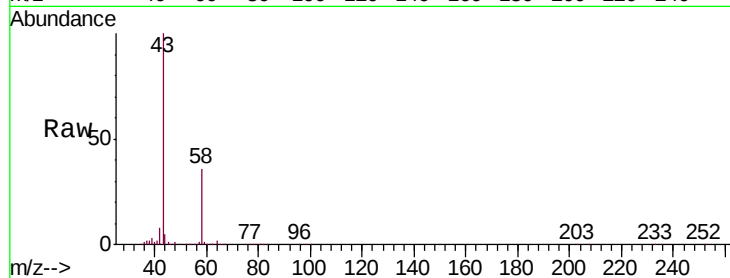
F9D55

Tgt Ion: 43 Resp: 360669

Ion Ratio Lower Upper

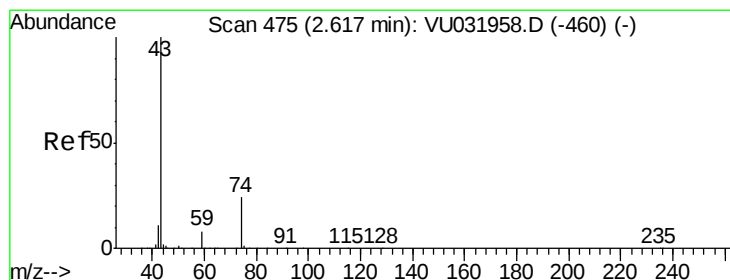
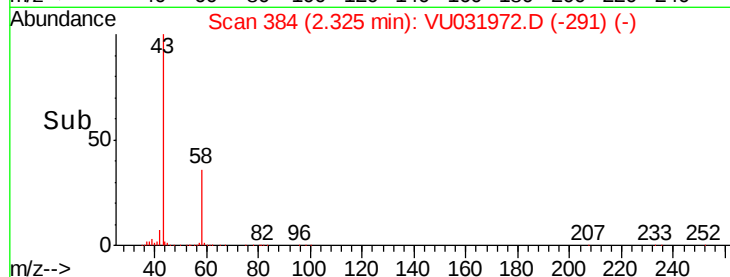
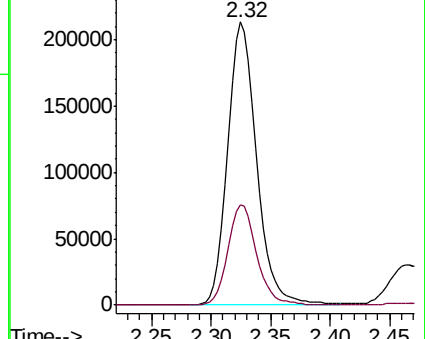
43 100

58 35.3 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU031958.D (-362) (-)



#15

Methyl Acetate

Concen: 3.428 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.15 min

Lab File: VU031972.D

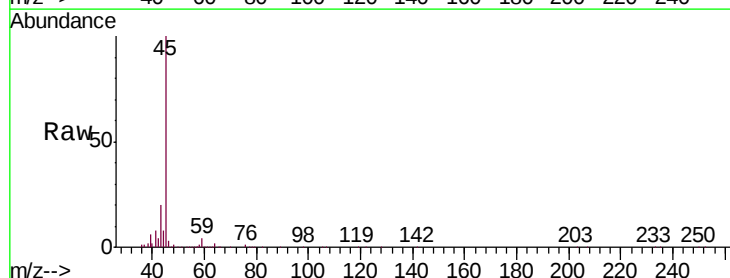
Acq: 13 May 2019 15:22

Tgt Ion: 43 Resp: 83601

Ion Ratio Lower Upper

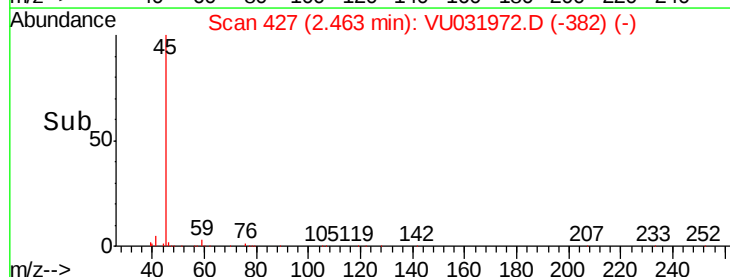
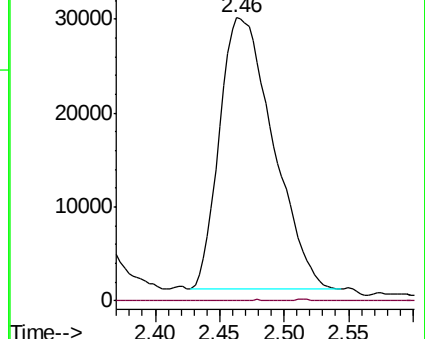
43 100

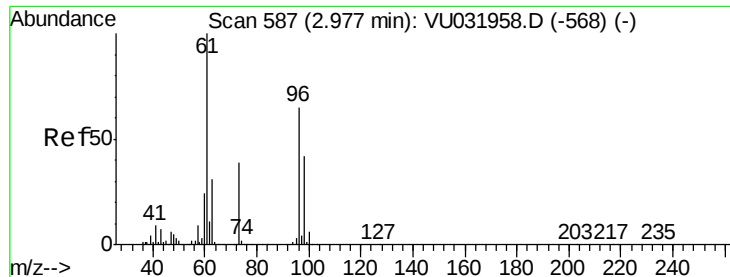
74 0.1 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU031958.D (-460) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.080 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

F9D55

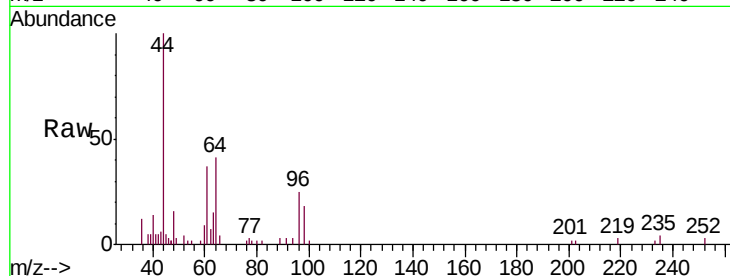
Tgt Ion: 96 Resp: 3050

Ion Ratio Lower Upper

96 100

61 145.6 130.9 243.1

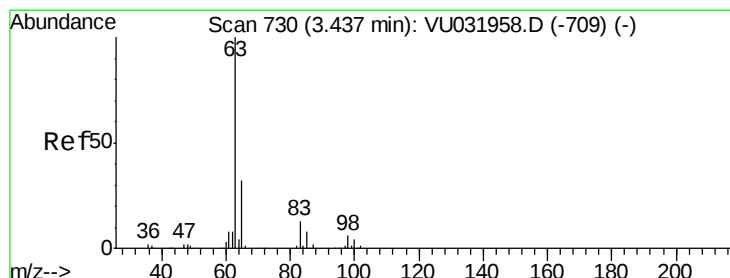
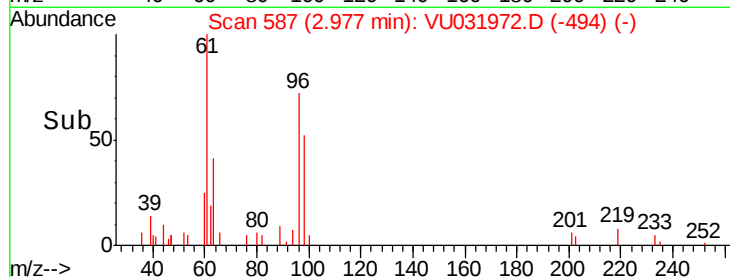
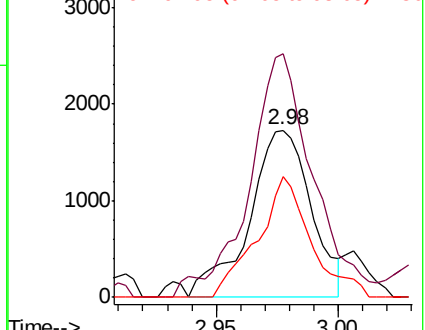
98 71.8 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU031958.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU031958.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU031958.D (-568) (-)



#19

1,1-Dichloroethane

Concen: 0.585 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

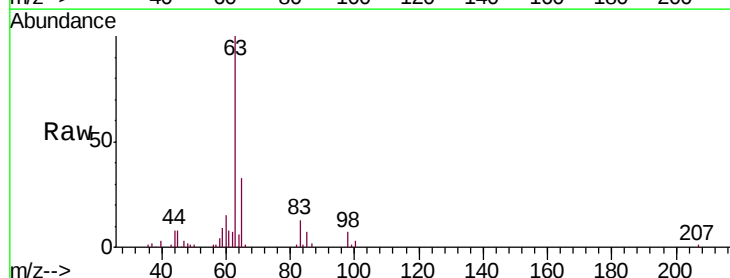
Tgt Ion: 63 Resp: 54841

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.4

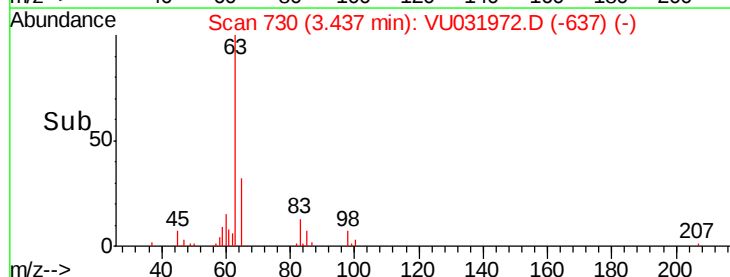
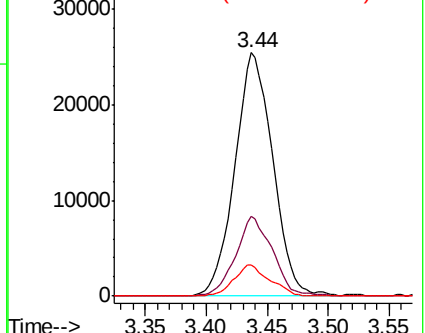
83 12.8 7.9 14.7

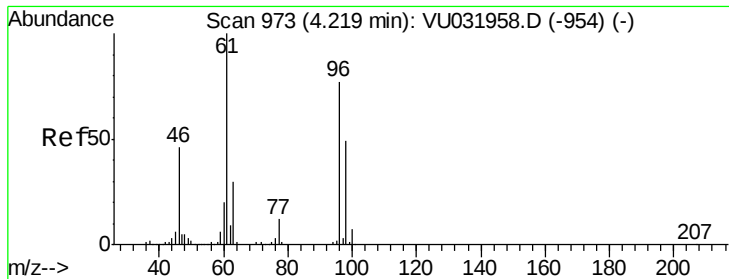


Abundance Ion 63.10 (62.80 to 63.80): VU031958.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU031958.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU031958.D (-709) (-)

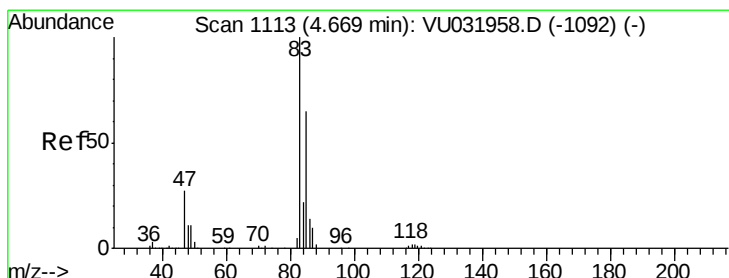
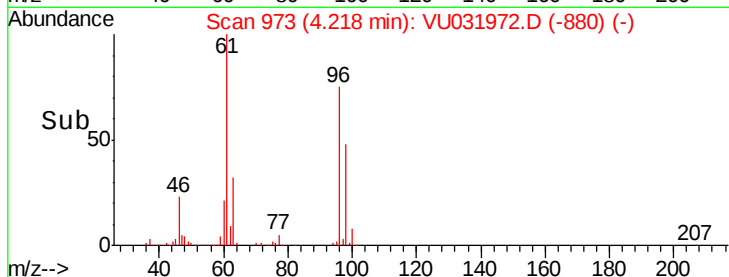
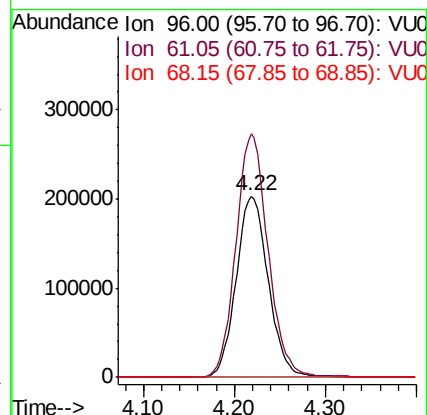
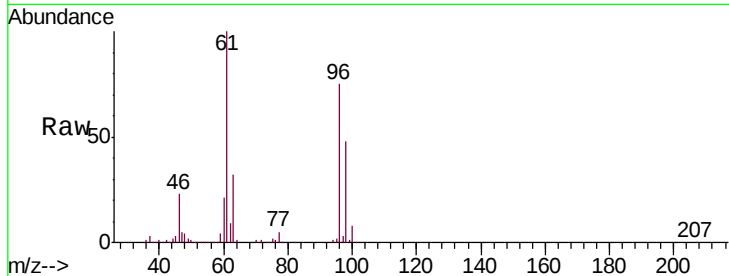




#22
 cis-1,2-Dichloroethene
 Concen: 10.908 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031972.D
 Acq: 13 May 2019 15:22

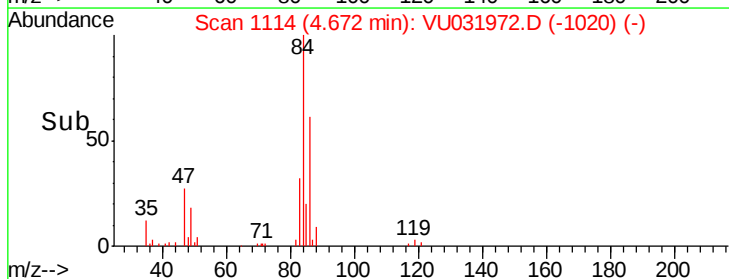
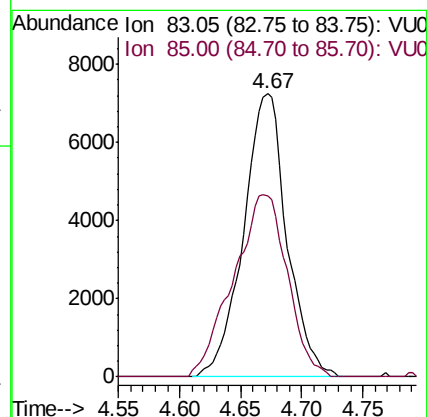
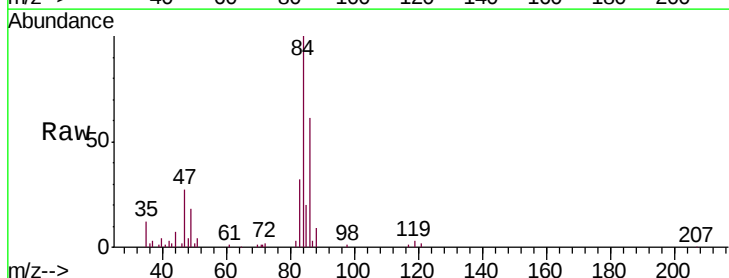
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D55

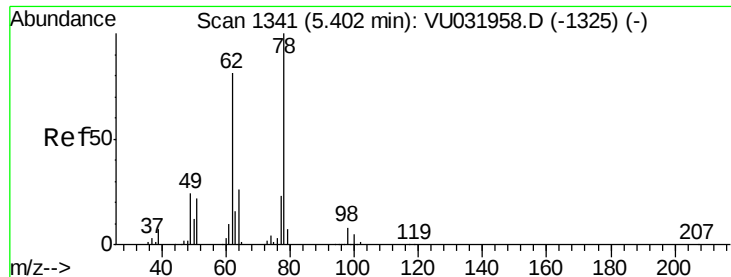
Tgt Ion: 96 Resp: 499250
 Ion Ratio Lower Upper
 96 100
 61 134.2 113.3 210.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.193 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU031972.D
 Acq: 13 May 2019 15:22

Tgt Ion: 83 Resp: 17830
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.184 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

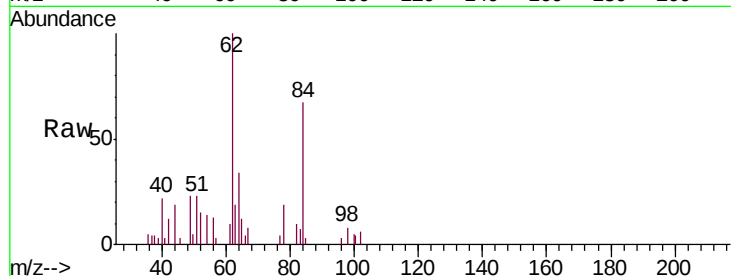
F9D55

Tgt Ion: 62 Resp: 11230

Ion Ratio Lower Upper

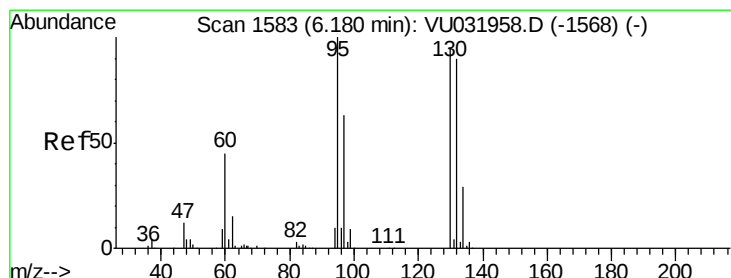
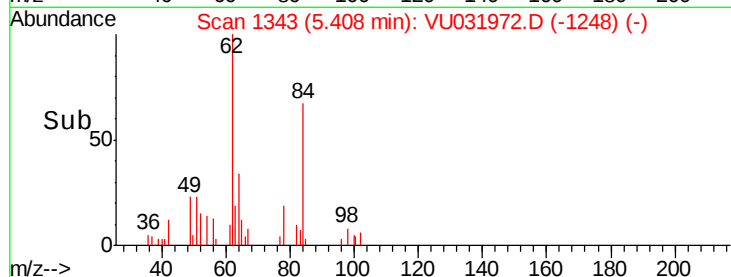
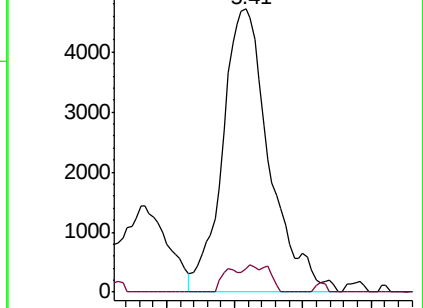
62 100

98 8.4 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU031958.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031958.D (-1325) (-)



#34

Trichloroethene

Concen: 1.753 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Tgt Ion: 95 Resp: 79326

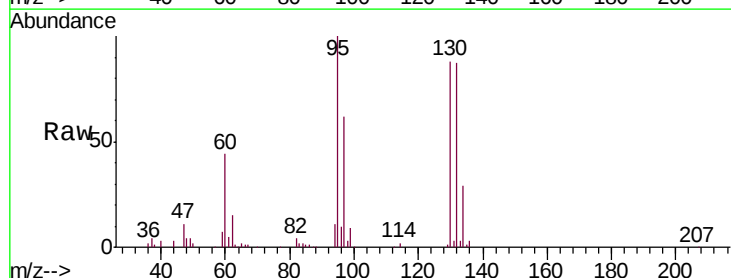
Ion Ratio Lower Upper

95 100

97 62.0 45.8 85.2

132 86.5 56.0 104.0

130 88.3 60.4 112.2

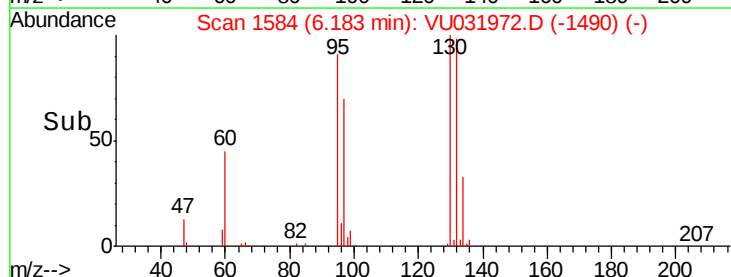
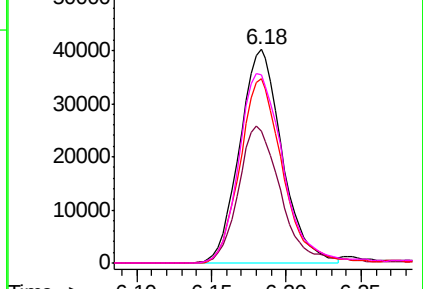


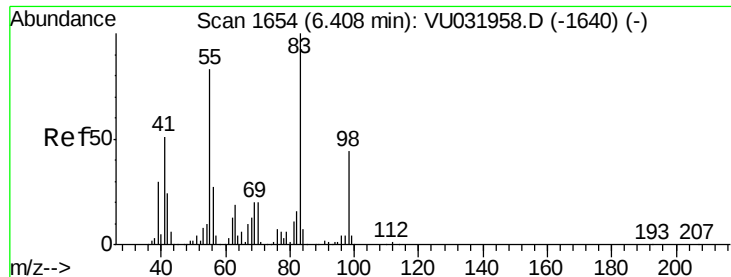
Abundance Ion 95.00 (94.70 to 95.70): VU031958.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031958.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031958.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031958.D (-1568) (-)

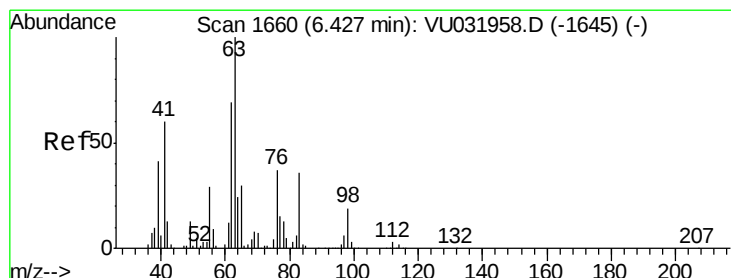
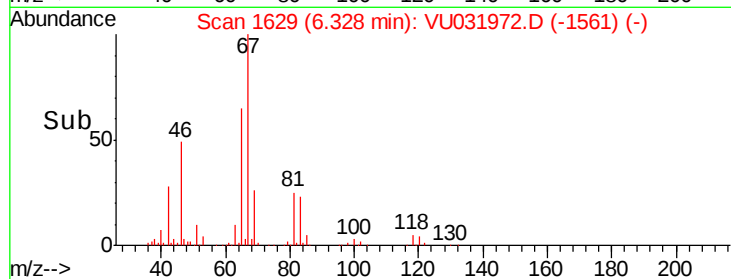
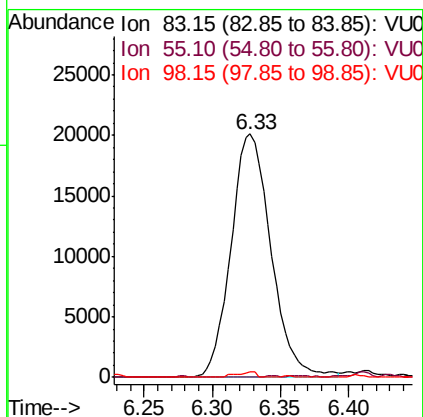
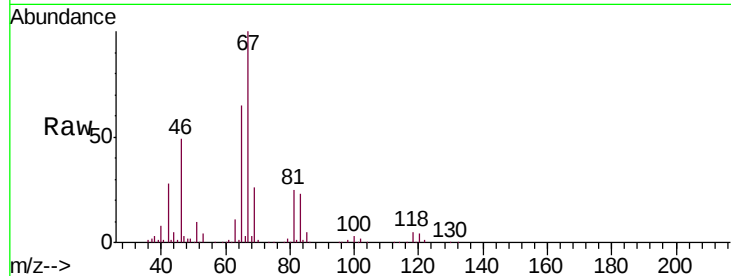




#35
Methylcyclohexane
Concen: 0.632 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031972.D
Acq: 13 May 2019 15:22

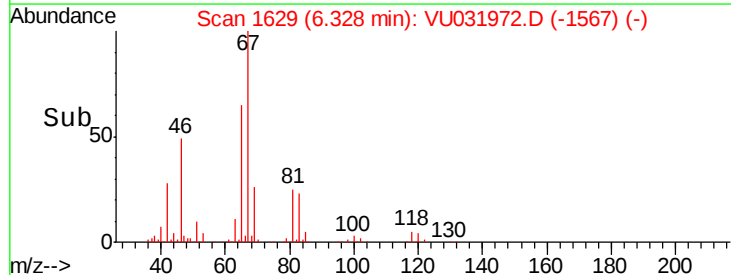
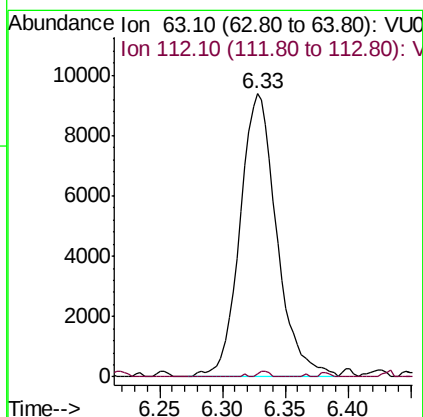
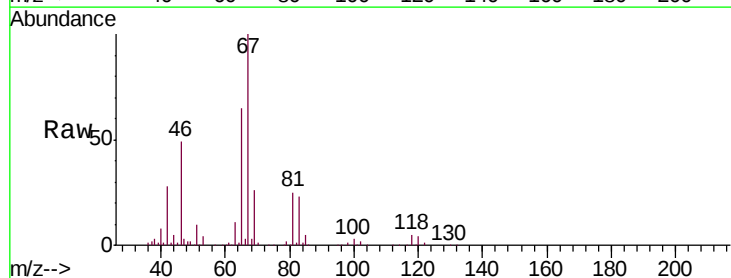
Instrument :
MSVOA_U
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F9D55

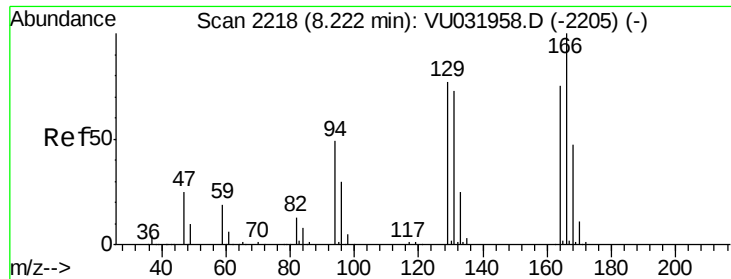
Tgt Ion: 83 Resp: 41063
Ion Ratio Lower Upper
83 100
55 0.2 79.2 118.8#
98 1.0 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.372 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031972.D
Acq: 13 May 2019 15:22

Tgt Ion: 63 Resp: 19090
Ion Ratio Lower Upper
63 100
112 0.6 2.5 3.7#

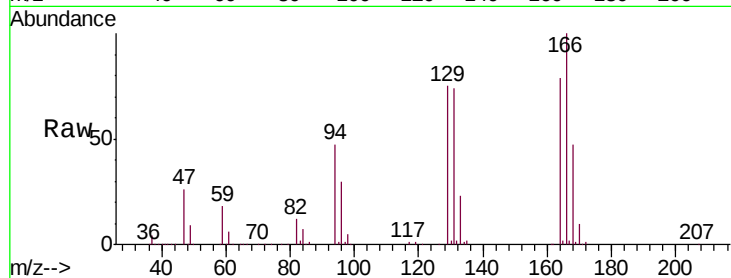




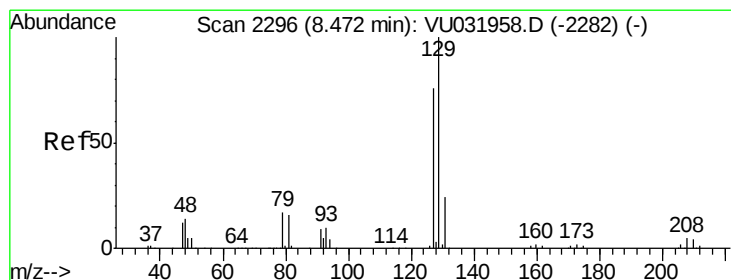
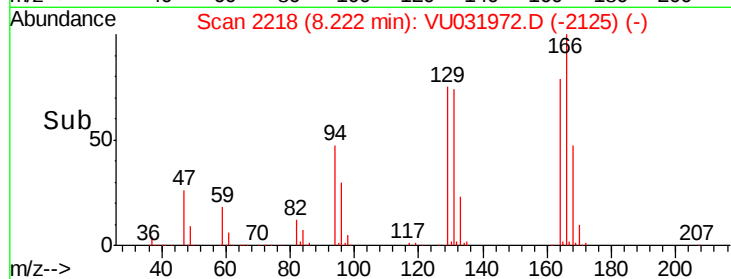
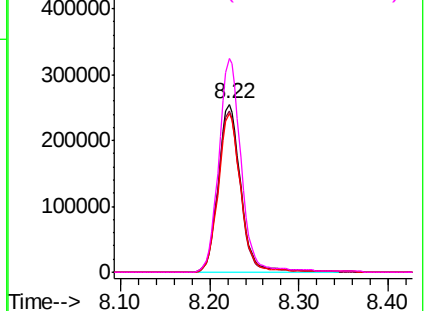
#47
Tetrachloroethene
Concen: 15.163 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031972.D
Acq: 13 May 2019 15:22

Instrument :
MSVOA_U
ClientSampleId :
F9D55

Tgt Ion:	164	Resp:	446180
Ion	Ratio	Lower	Upper
164	100		
129	96.0	70.3	130.5
131	94.6	65.4	121.4
166	127.2	86.0	159.8

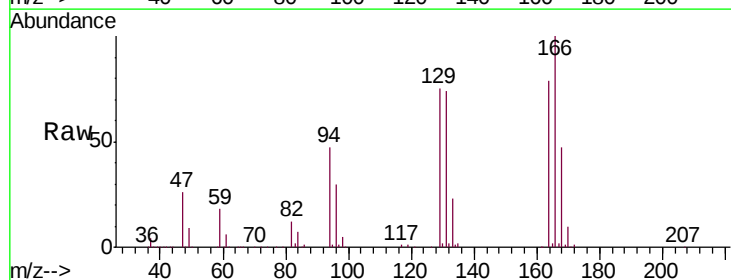


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

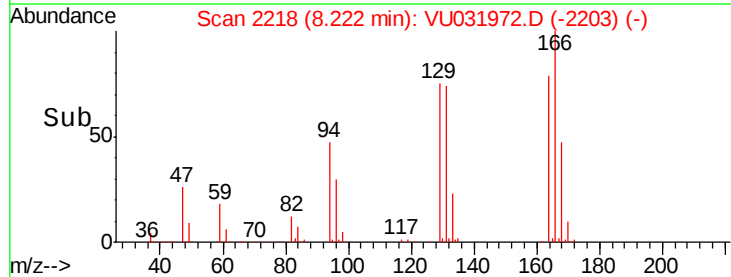
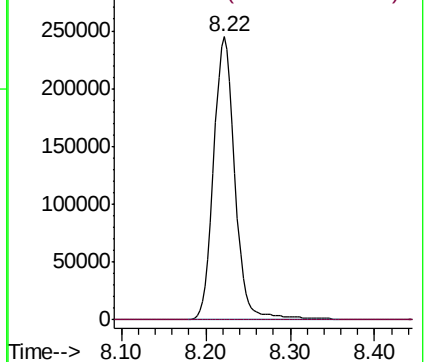


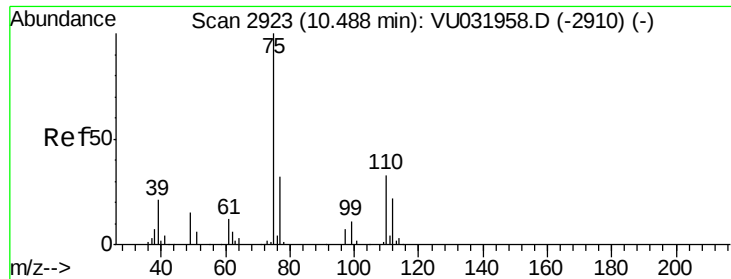
#49
Dibromochloromethane
Concen: 12.128 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031972.D
Acq: 13 May 2019 15:22

Tgt Ion:	129	Resp:	429273
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.826 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031972.D

Acq: 13 May 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

F9D55

Tgt Ion: 75 Resp: 25112

Ion Ratio Lower Upper

75 100

77 37.3 26.3 39.5

