

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038831.D
 Acq On : 11 Jun 2020 17:43
 Operator : SY/MD
 Sample : L2968-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXE8

Quant Time: Jun 12 01:06:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68560	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	65101	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	117380	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	314167	59.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.00%
24) Chloroform-d	5.10	84	177728	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	106888	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.76	84	341561	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	109992	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	277144	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	42255	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.65	63	251476	57.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96700	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	119897	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	150934	7.247	ug/L	97
12) 1,1-Dichloroethene	2.60	96	4155	0.251	ug/L #	1
13) Acetone	2.67	43	3361	0.973	ug/L	66
15) Methyl Acetate	3.07	43	4860	0.574	ug/L #	51
17) Methyl tert-butyl Ether	3.40	73	8052	0.186	ug/L #	1
18) trans-1,2-Dichloroethene	3.38	96	5122	0.287	ug/L	92
19) 1,1-Dichloroethane	3.91	63	138647	4.346	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	127399	6.638	ug/L	93
25) Chloroform	5.12	83	21232	0.655	ug/L	99
27) 1,2-Dichloroethane	5.83	62	21924	0.961	ug/L #	94
29) 1,1,1-Trichloroethane	5.35	97	14916	0.523	ug/L	96
30) Cyclohexane	5.42	56	8355	0.279	ug/L	98
31) Carbon tetrachloride	5.35	117	1905	0.080	ug/L	88
33) Benzene	5.81	78	40060	0.533	ug/L	100
34) Trichloroethene	6.57	95	5443	0.279	ug/L	97
35) Methylcyclohexane	6.72	83	26400	0.874	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12002	0.635	ug/L #	86

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 Quant Title : TRACE VOA SOM01.0
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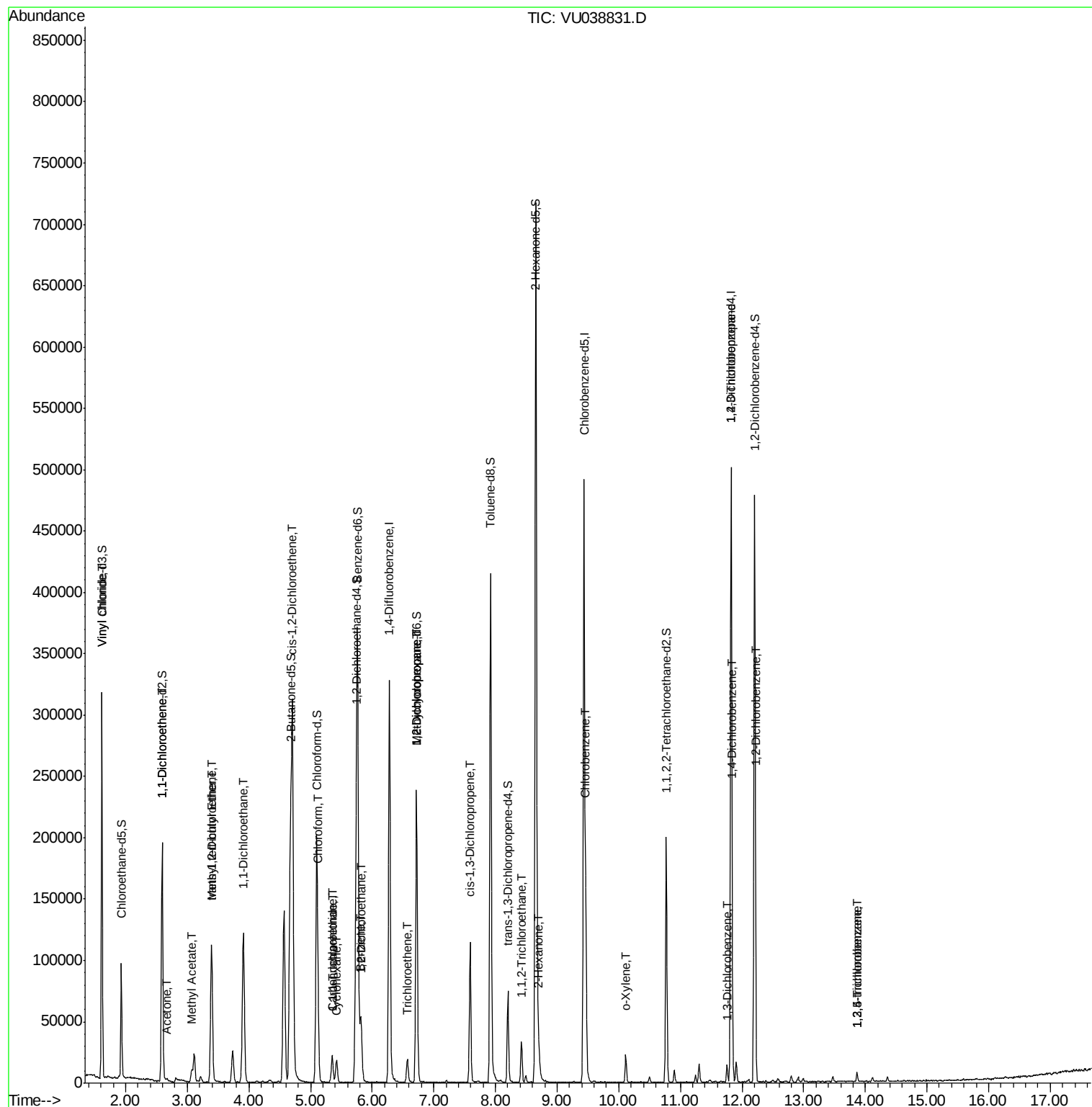
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.59	75	2985	0.107	ug/L #	60
45) 1,1,2-Trichloroethane	8.42	97	9925	0.696	ug/L	88
48) 2-Hexanone	8.71	43	12132	1.185	ug/L #	89
51) Chlorobenzene	9.47	112	71341	1.404	ug/L	96
54) o-Xylene	10.11	106	6275	0.194	ug/L	92
59) 1,2,3-Trichloropropane	11.82	75	18592	1.318	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	5975	0.159	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	10650	0.279	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	5393	0.151	ug/L	98
67) 1,3,5-Trichlorobenzene	13.86	180	2670	0.095	ug/L	96
68) 1,2,4-trichlorobenzene	13.86	180	2670	0.103	ug/L	96

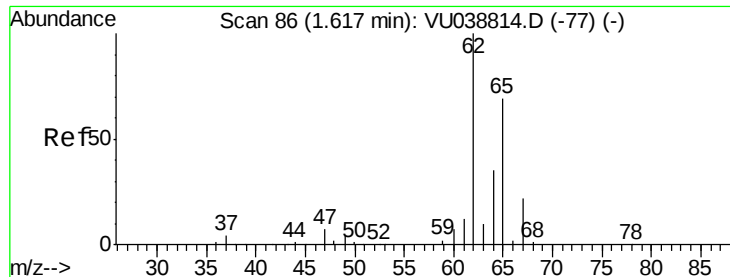
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.247 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

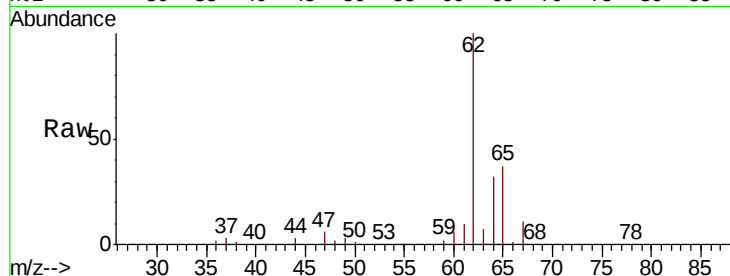
BFXE8

Tot Ion: 62 Resp: 150934

Ion Ratio Lower Upper

62 100

64 32.2 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

150000

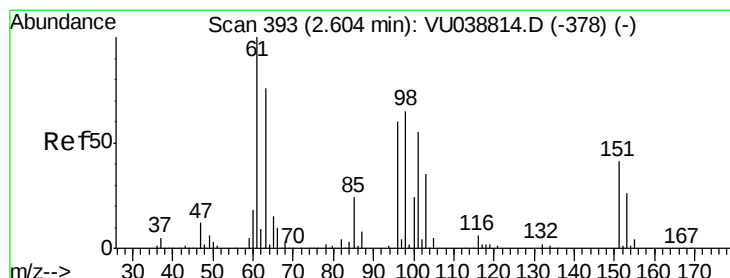
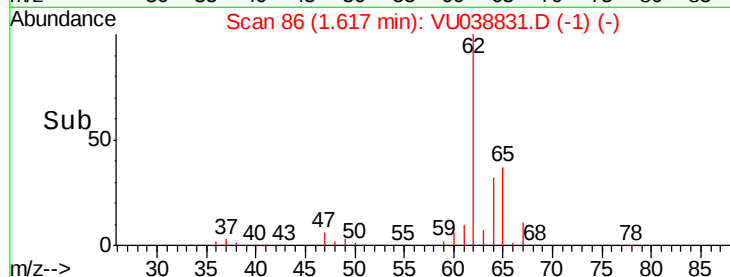
100000

50000

0

1.55 1.60 1.65 1.70

Time-->



#12

1,1-Dichloroethene

Concen: 0.251 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

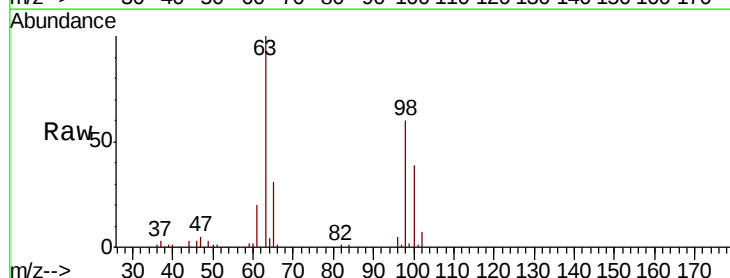
Tgt Ion: 96 Resp: 4155

Ion Ratio Lower Upper

96 100

61 363.3 119.9 222.7#

63 1839.0 89.9 167.0#



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

100000

80000

60000

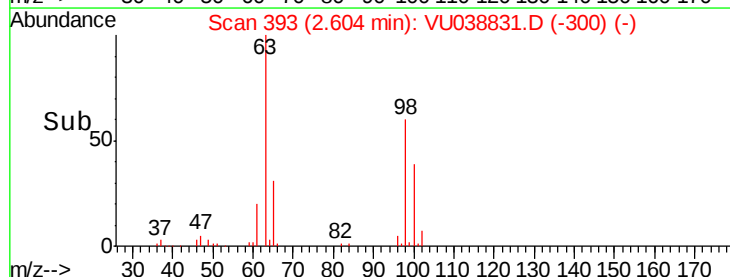
40000

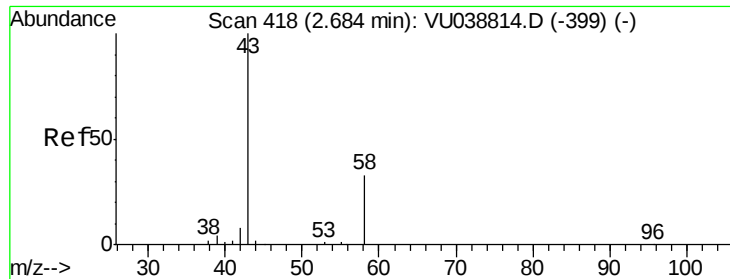
20000

0

2.55 2.60 2.65

Time-->





#13

Acetone

Concen: 0.973 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

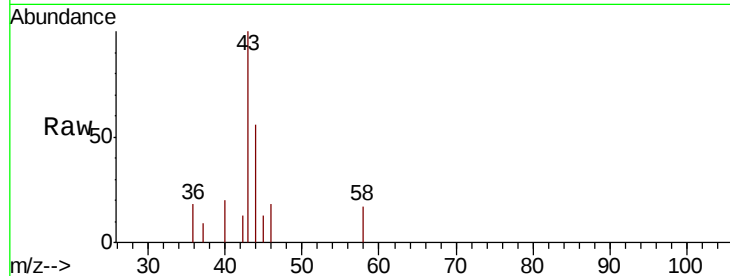
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Tot Ion: 43 Resp: 3361

Ion Ratio Lower Upper

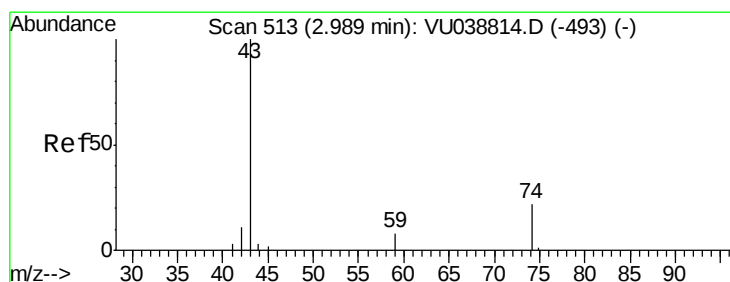
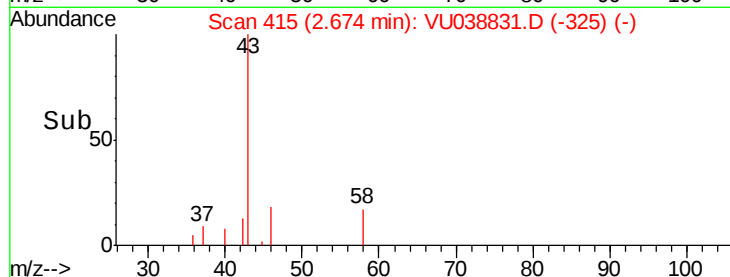
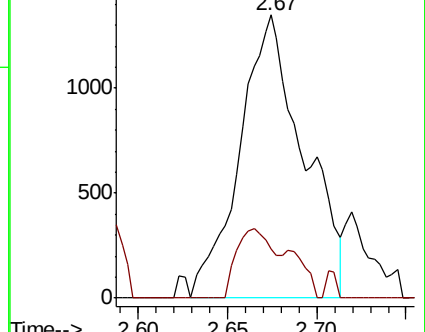
43 100

58 13.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038831.D (-415) (-)

Ion 58.05 (57.75 to 58.75): VU038831.D (-415) (-)



#15

Methyl Acetate

Concen: 0.574 ug/L

RT: 3.07 min Scan# 538

Delta R.T. 0.08 min

Lab File: VU038831.D

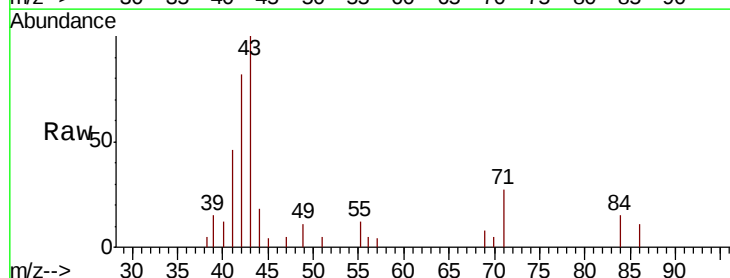
Acq: 11 Jun 2020 17:43

Tgt Ion: 43 Resp: 4860

Ion Ratio Lower Upper

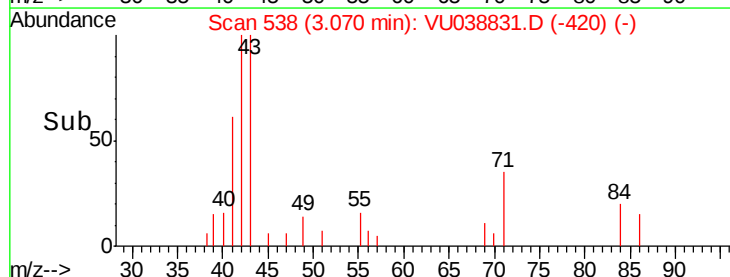
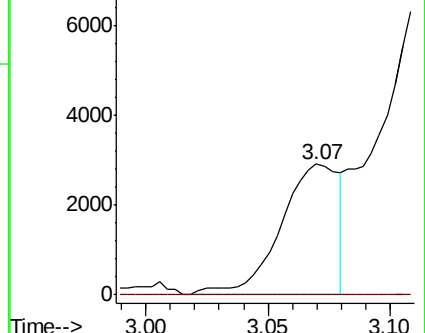
43 100

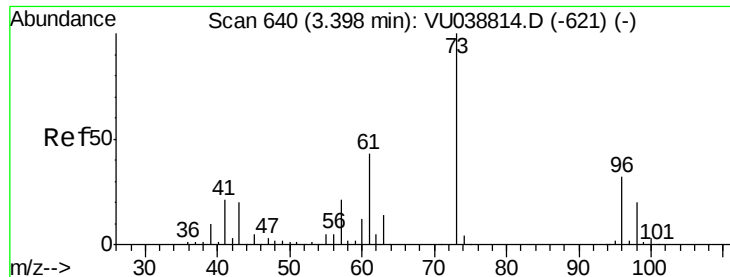
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038831.D (-538) (-)

Ion 74.05 (73.75 to 74.75): VU038831.D (-538) (-)



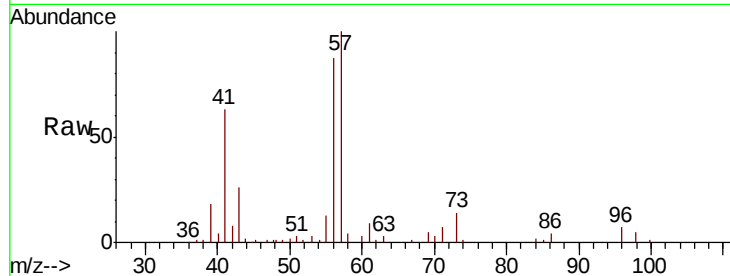


#17

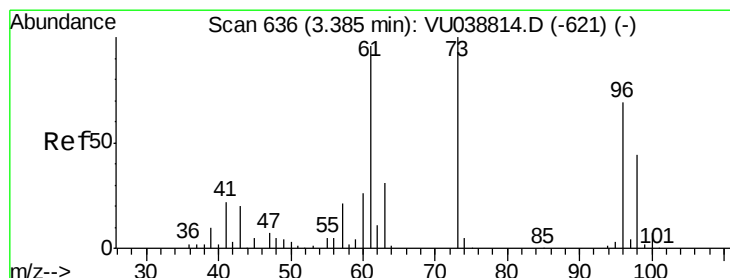
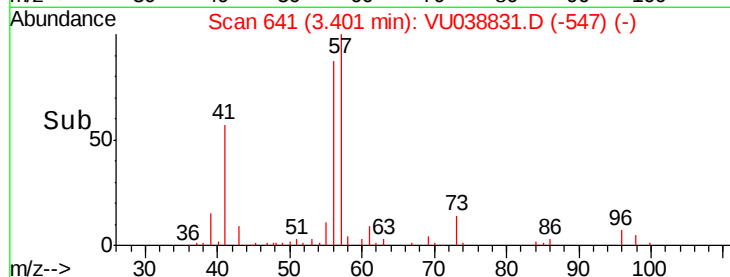
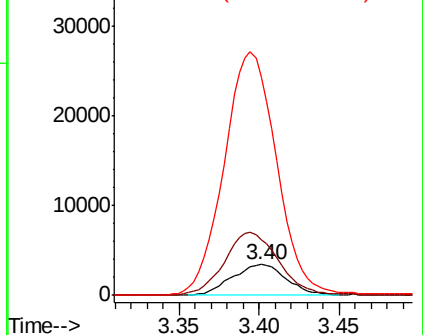
Methyl tert-butyl Ether
 Concen: 0.186 ug/L
 RT: 3.40 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXE8

Tot Ion: 73 Resp: 8052
 Ion Ratio Lower Upper
 73 100
 43 203.6 15.5 23.3#
 57 758.7 17.8 26.6#



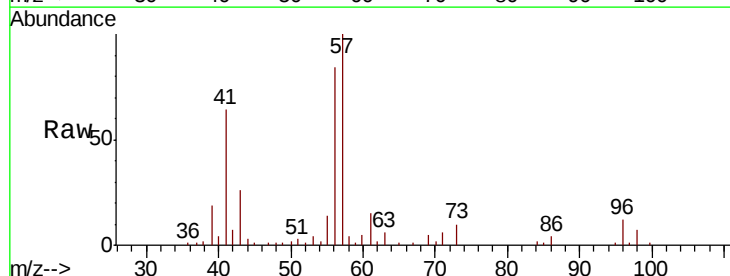
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



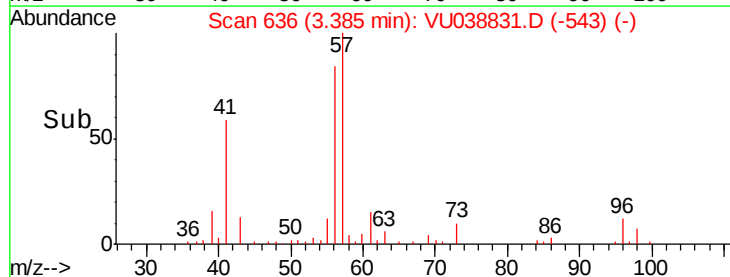
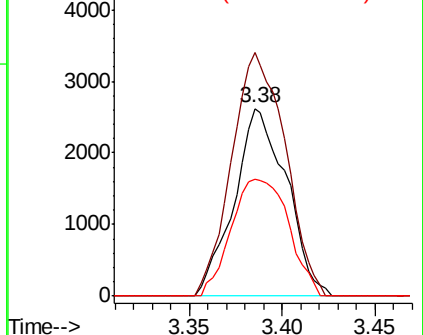
#18

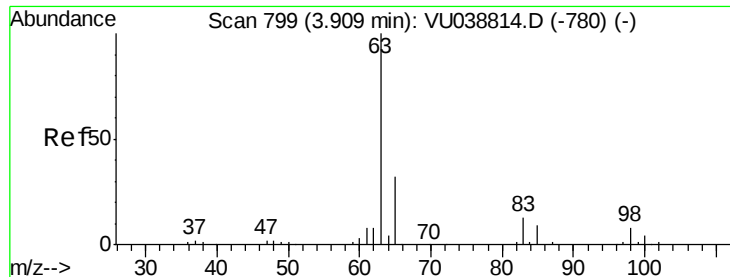
trans-1,2-Dichloroethene
 Concen: 0.287 ug/L
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Tgt Ion: 96 Resp: 5122
 Ion Ratio Lower Upper
 96 100
 61 129.7 100.2 186.0
 98 62.1 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 4.346 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

BFXE8

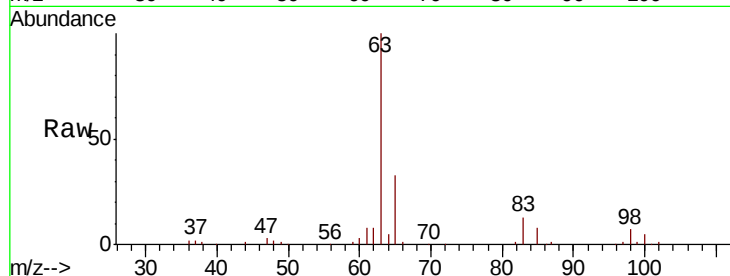
Tot Ion: 63 Resp: 138647

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

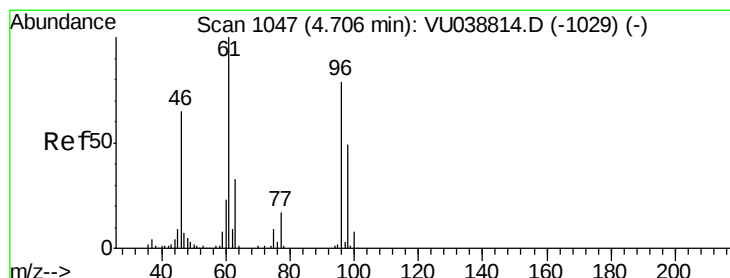
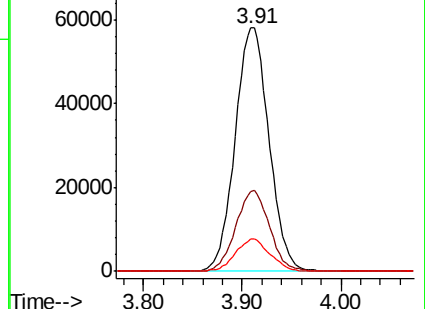
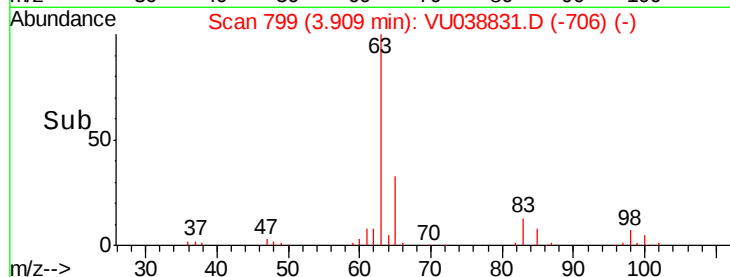
83 13.4 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038831.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU038831.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU038831.D (-706) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.638 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

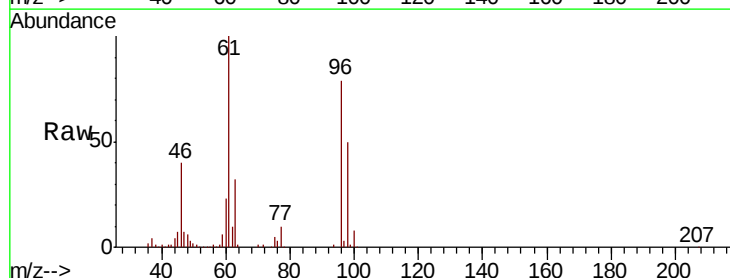
Tgt Ion: 96 Resp: 127399

Ion Ratio Lower Upper

96 100

61 125.9 94.0 174.6

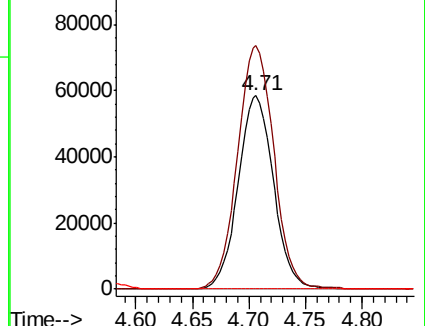
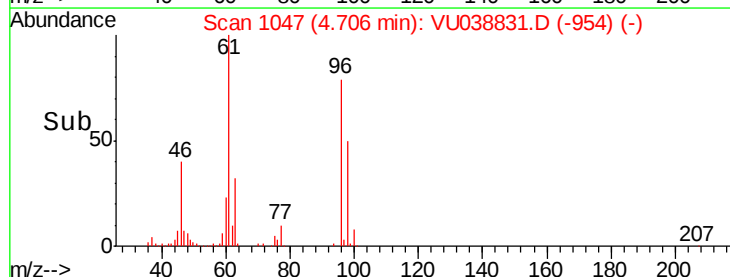
68 0.0 0.0 0.0

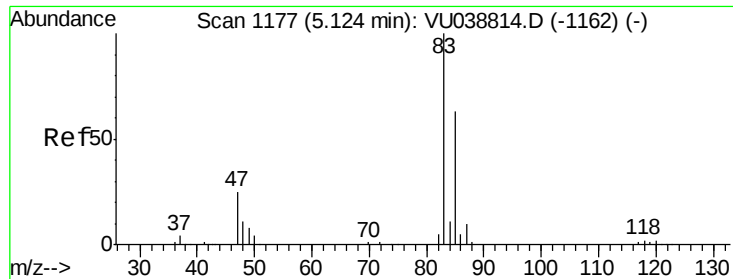


Abundance Ion 96.00 (95.70 to 96.70): VU038831.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038831.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038831.D (-954) (-)

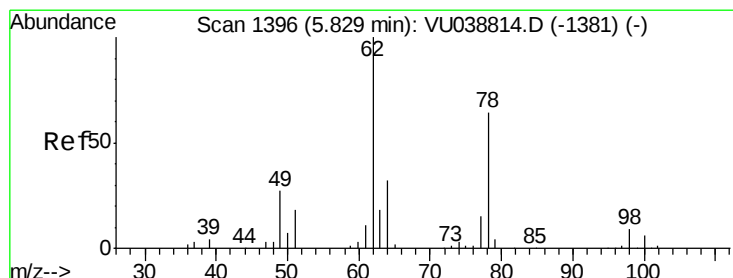
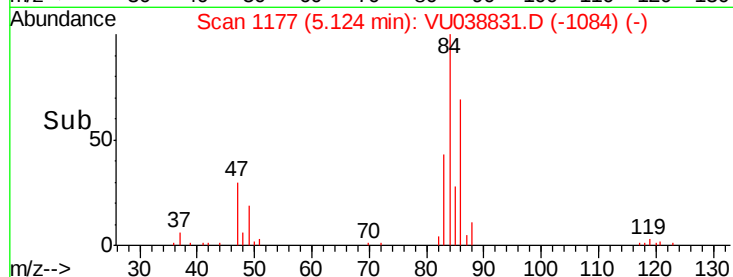
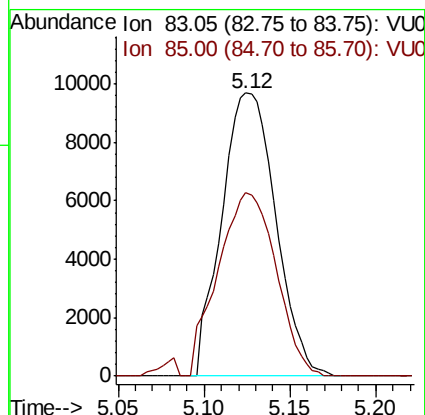
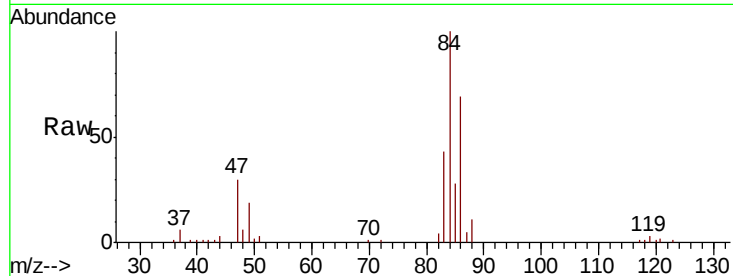




#25
Chloroform
Concen: 0.655 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038831.D
Acq: 11 Jun 2020 17:43

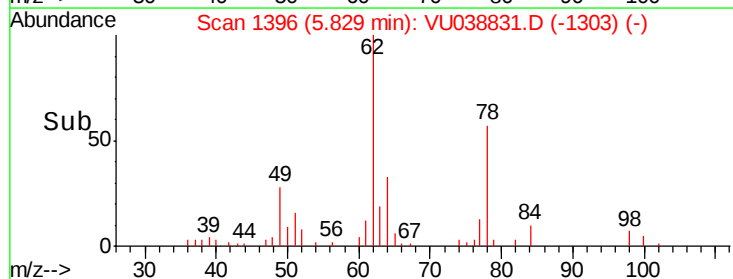
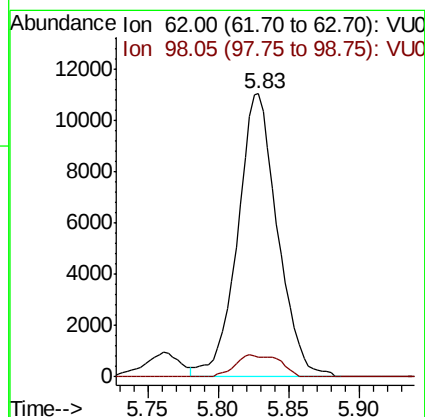
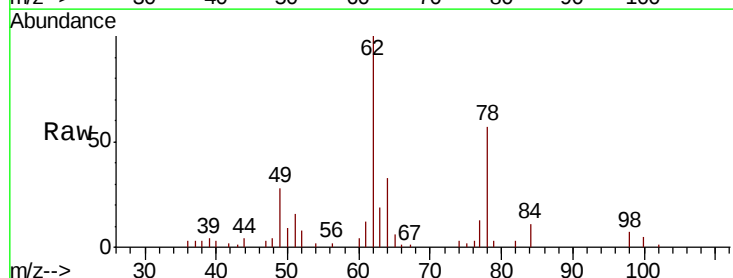
Instrument :
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BFXE8

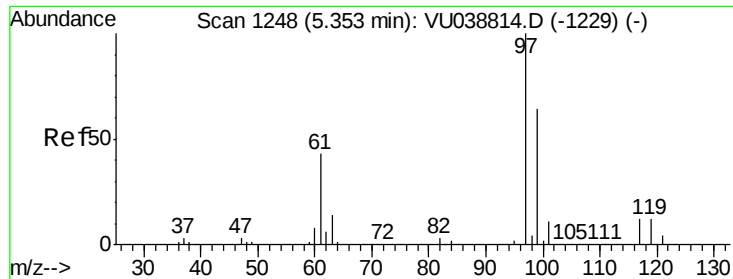
Tot Ion: 83 Resp: 21232
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5



#27
1,2-Dichloroethane
Concen: 0.961 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU038831.D
Acq: 11 Jun 2020 17:43

Tgt Ion: 62 Resp: 21924
Ion Ratio Lower Upper
62 100
98 7.1 7.4 11.2#

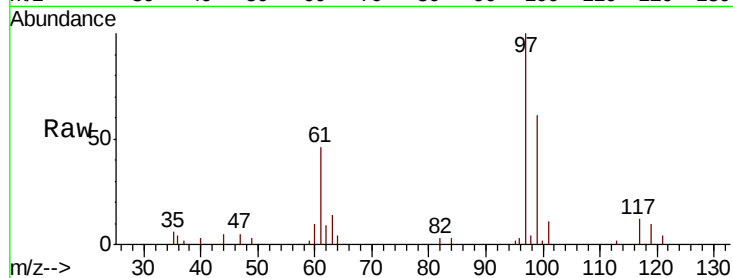




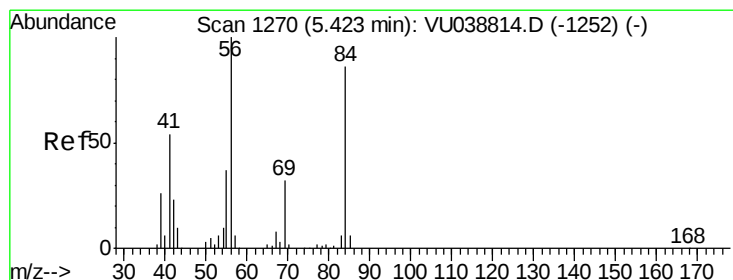
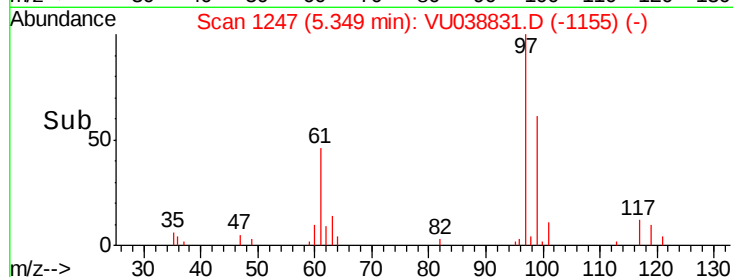
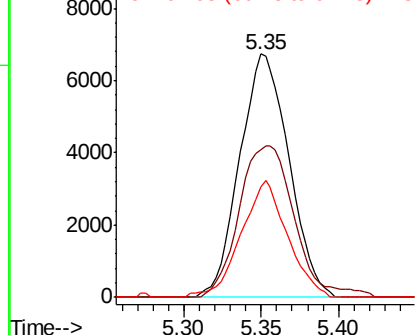
#29
1,1,1-Trichloroethane
Concen: 0.523 ug/L
RT: 5.35 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VU038831.D
Acq: 11 Jun 2020 17:43

Instrument :
MSVOA_U
ClientSampleId :
BFXE8

Tot Ion: 97 Resp: 14916
Ion Ratio Lower Upper
97 100
99 69.9 52.2 78.2
61 45.1 35.4 53.2

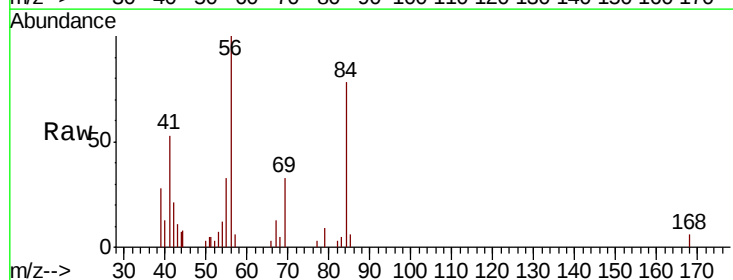


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

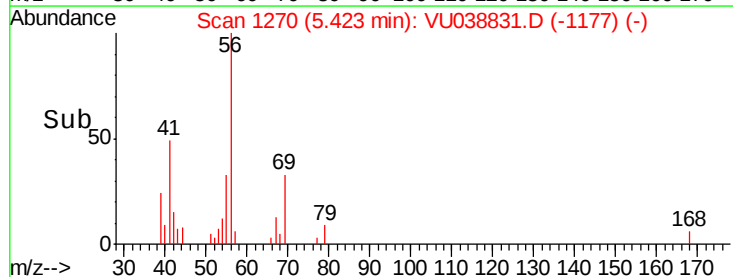
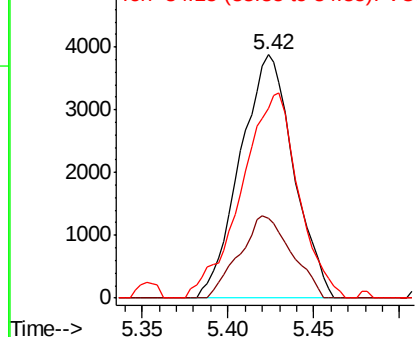


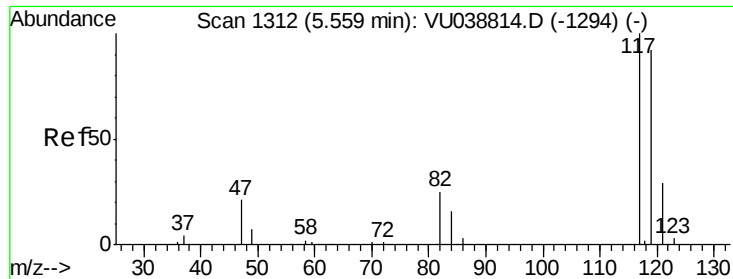
#30
Cyclohexane
Concen: 0.279 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038831.D
Acq: 11 Jun 2020 17:43

Tgt Ion: 56 Resp: 8355
Ion Ratio Lower Upper
56 100
69 32.7 24.2 36.4
84 89.9 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 0.080 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.21 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

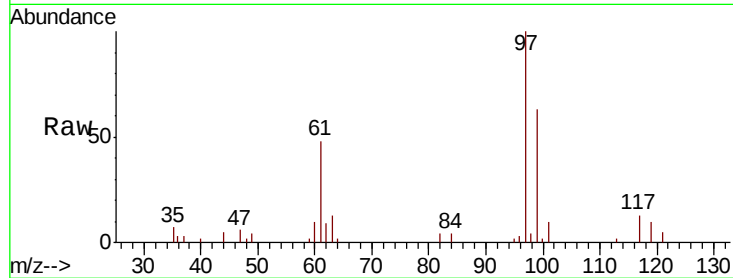
BFXE8

Tot Ion:117 Resp: 1905

Ion Ratio Lower Upper

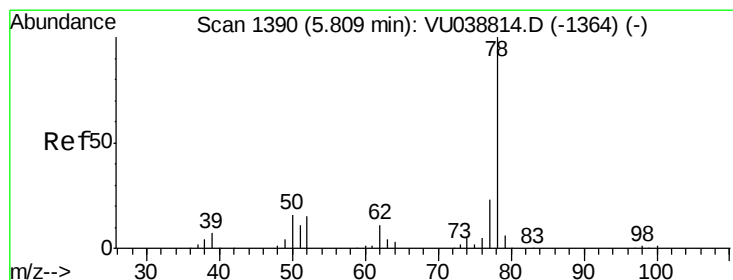
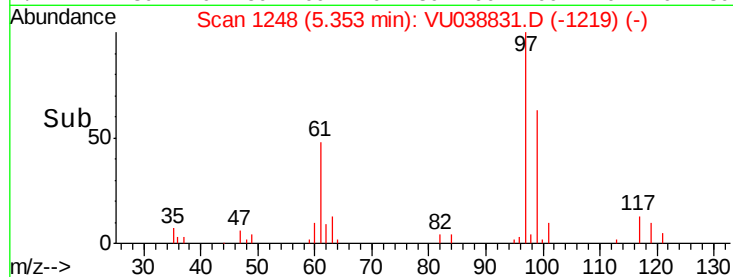
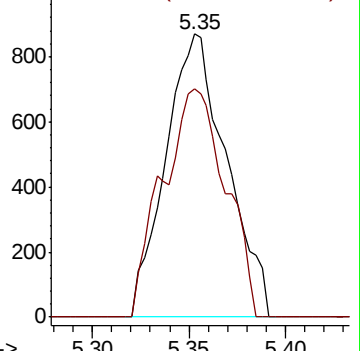
117 100

119 83.6 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.533 ug/L

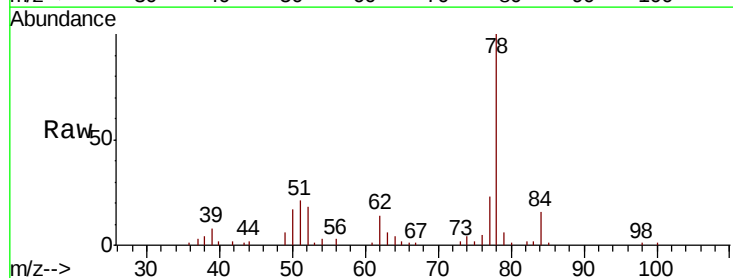
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038831.D

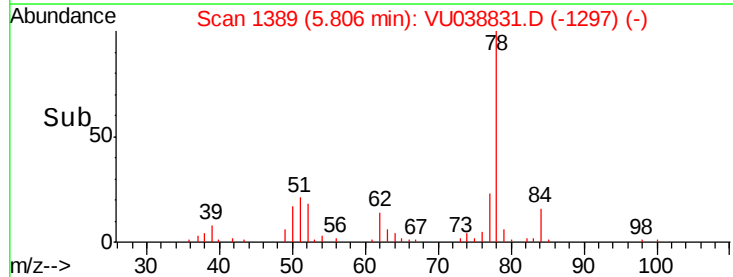
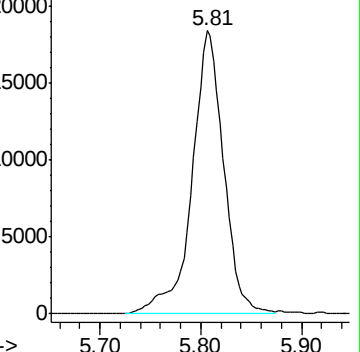
Acq: 11 Jun 2020 17:43

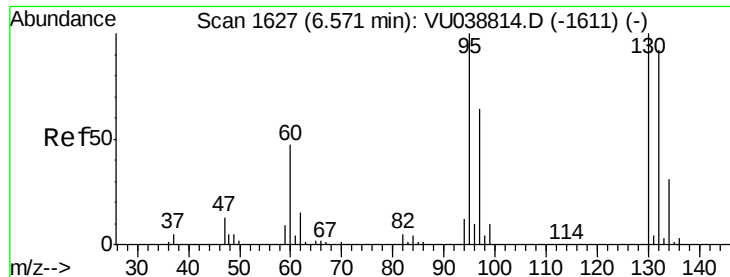
Tgt Ion: 78 Resp: 40060



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.279 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

BFXE8

Tot Ion: 95 Resp: 5443

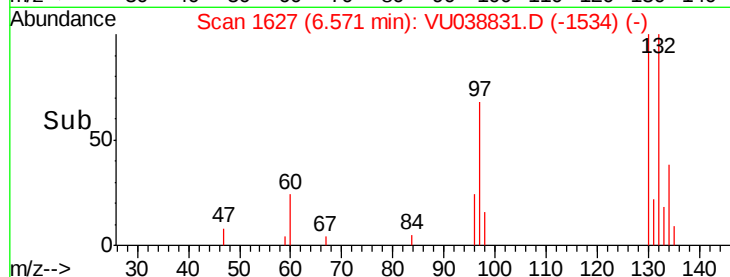
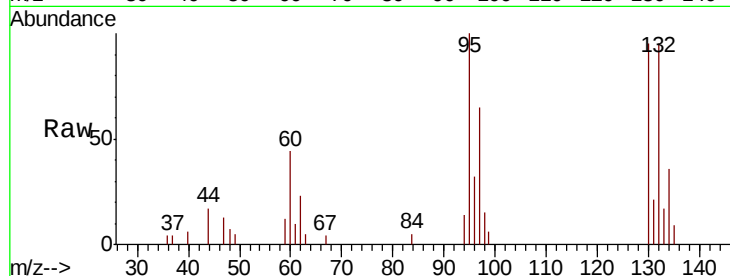
Ion Ratio Lower Upper

95 100

97 64.5 46.8 87.0

132 94.8 66.1 122.7

130 95.1 70.0 130.0

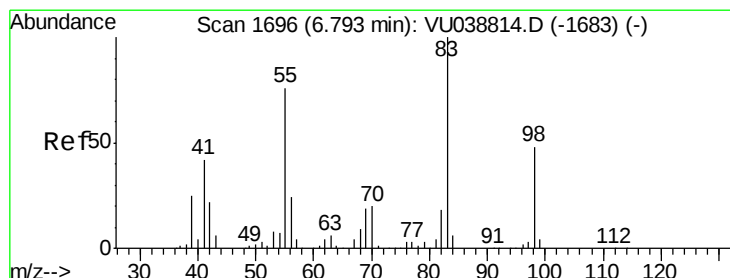
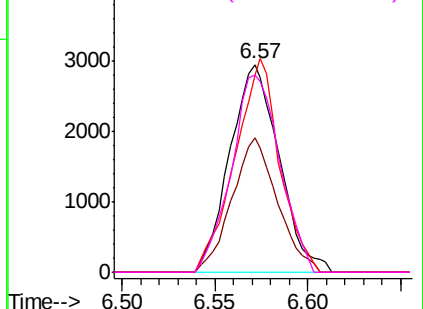


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

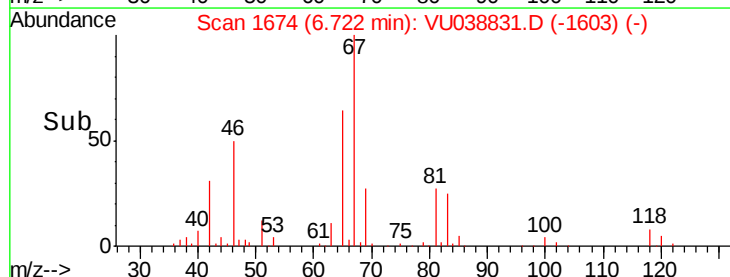
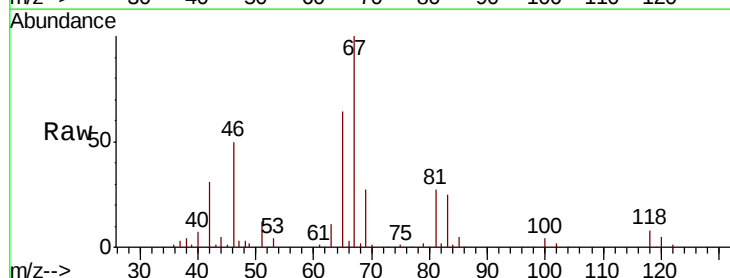
Tgt Ion: 83 Resp: 26400

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

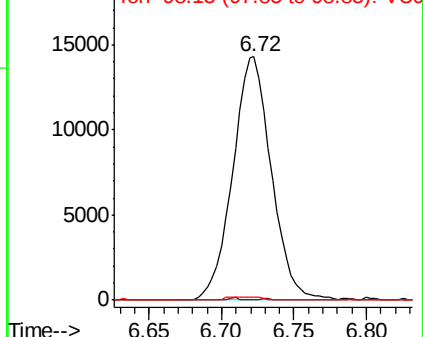
98 1.1 39.0 58.4#

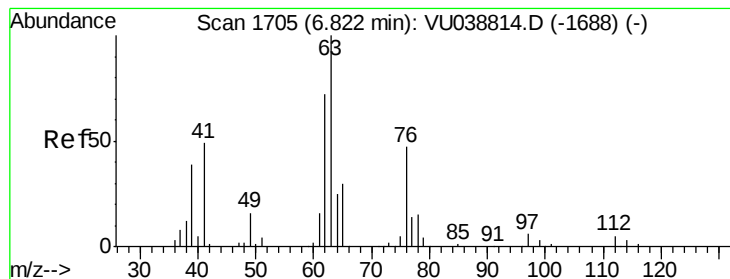


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

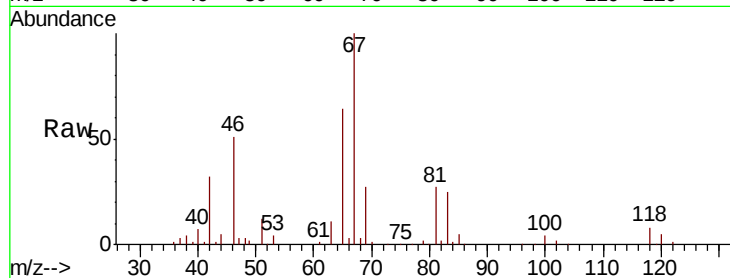
BFXE8

Tot Ion: 63 Resp: 12002

Ion Ratio Lower Upper

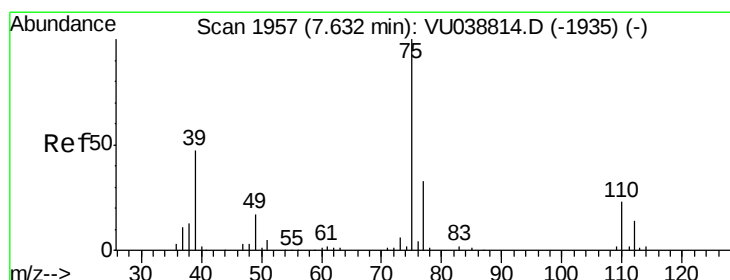
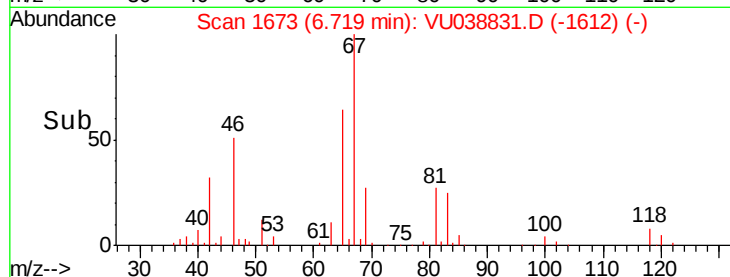
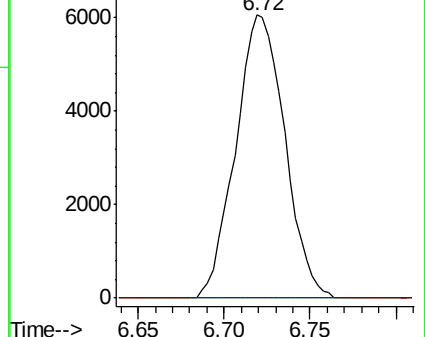
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038831.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038831.D (-1673) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038831.D

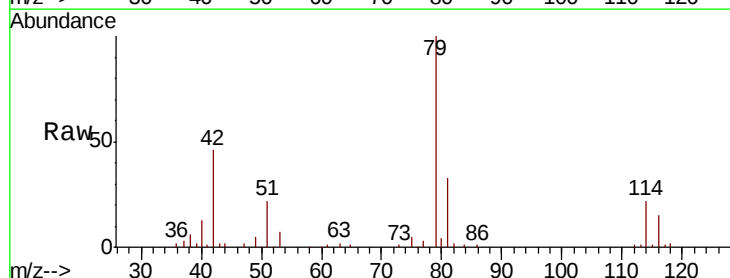
Acq: 11 Jun 2020 17:43

Tgt Ion: 75 Resp: 2985

Ion Ratio Lower Upper

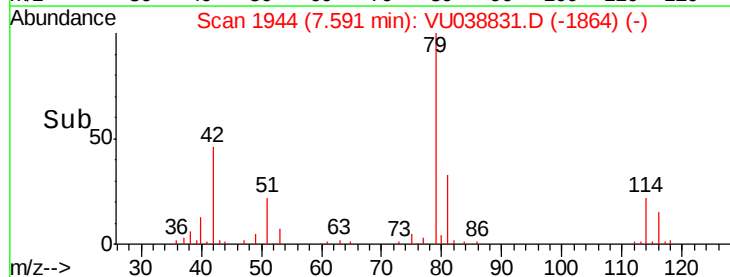
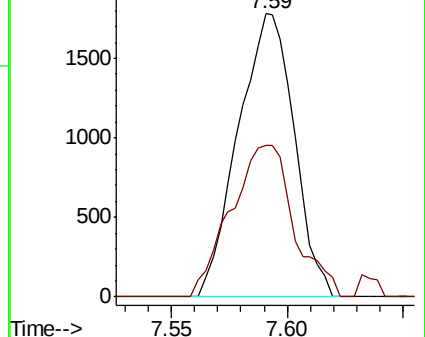
75 100

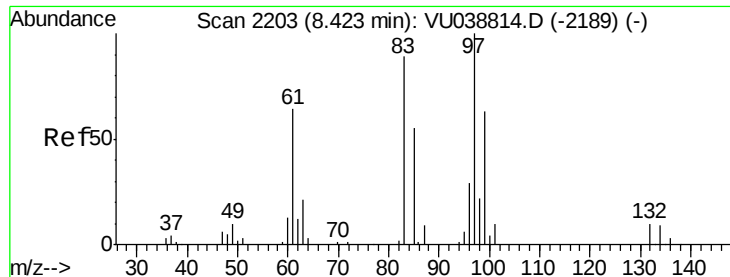
77 53.4 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038831.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038831.D (-1864) (-)

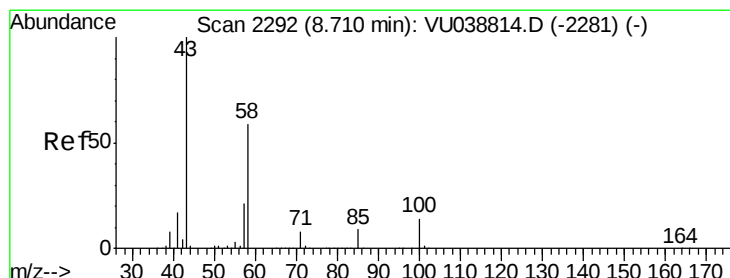
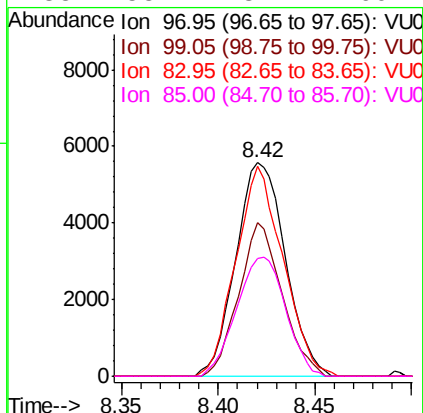
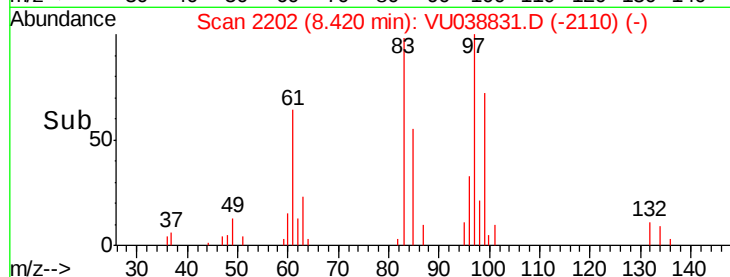
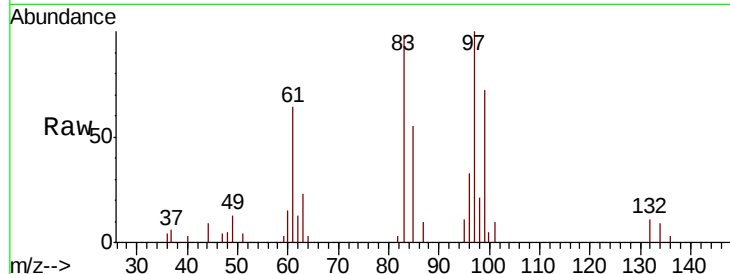




#45
 1,1,2-Trichloroethane
 Concen: 0.696 ug/L
 RT: 8.42 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

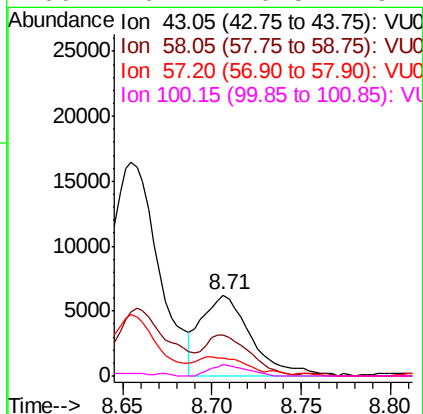
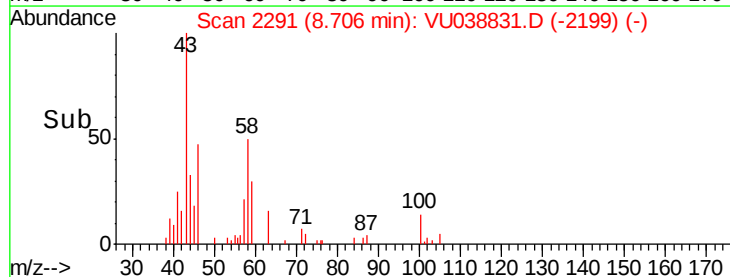
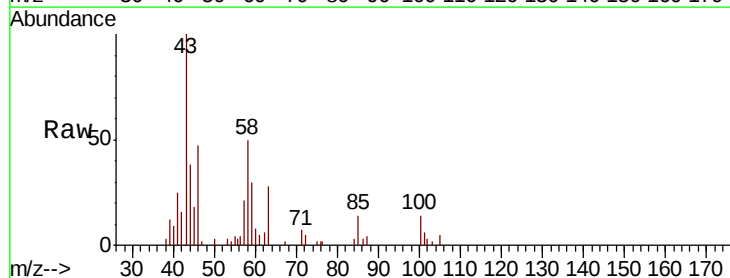
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXE8

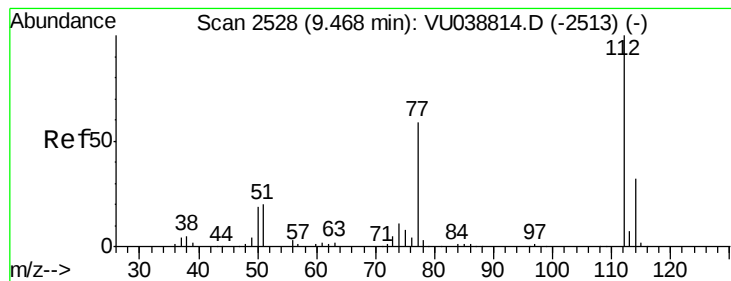
Tot Ion:	97	Resp:	9925
Ion	Ratio	Lower	Upper
97	100		
99	72.0	42.1	78.1
83	98.2	58.8	109.2
85	55.1	37.4	69.4



#48
 2-Hexanone
 Concen: 1.185 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Tgt Ion:	43	Resp:	12132
Ion	Ratio	Lower	Upper
43	100		
58	46.2	45.4	68.0
57	21.1	15.9	23.9
100	10.2	10.5	15.7#





#51

Chlorobenzene

Concen: 1.404 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038831.D

Acq: 11 Jun 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

BFXE8

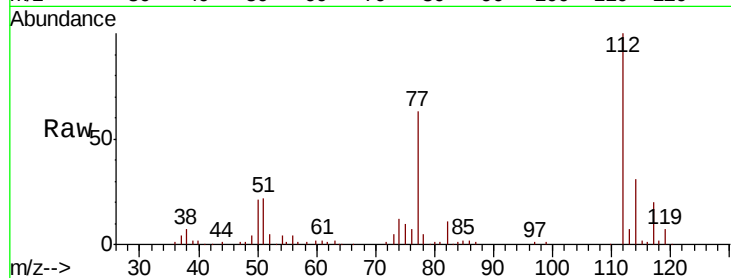
Tot Ion:112 Resp: 71341

Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

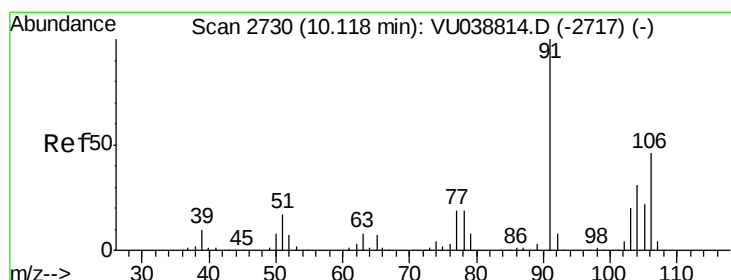
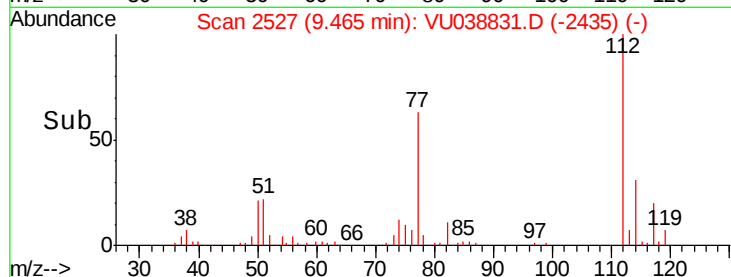
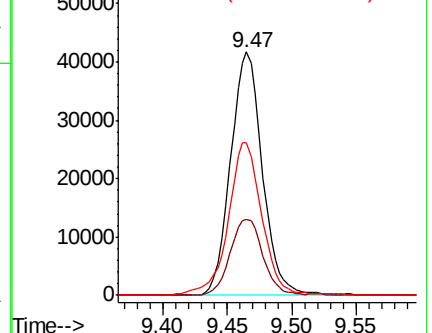
77 62.9 47.1 70.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#54

o-Xylene

Concen: 0.194 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. -0.01 min

Lab File: VU038831.D

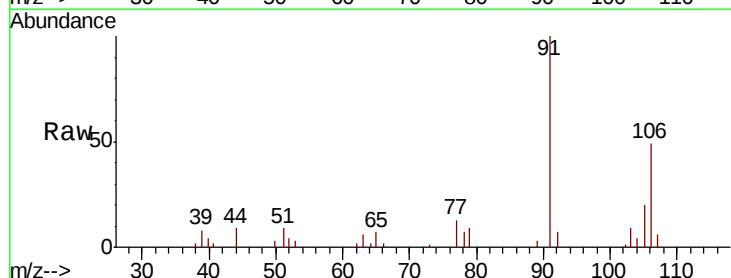
Acq: 11 Jun 2020 17:43

Tgt Ion:106 Resp: 6275

Ion Ratio Lower Upper

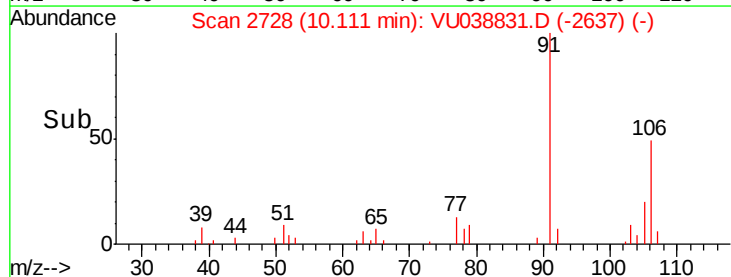
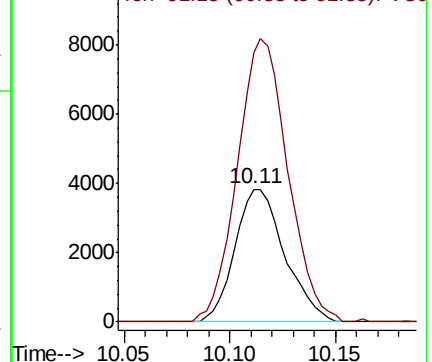
106 100

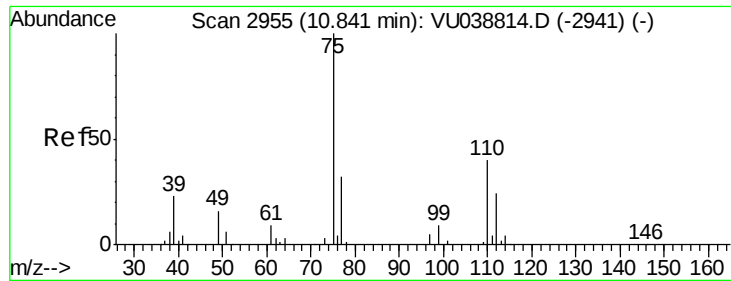
91 202.5 150.6 279.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU

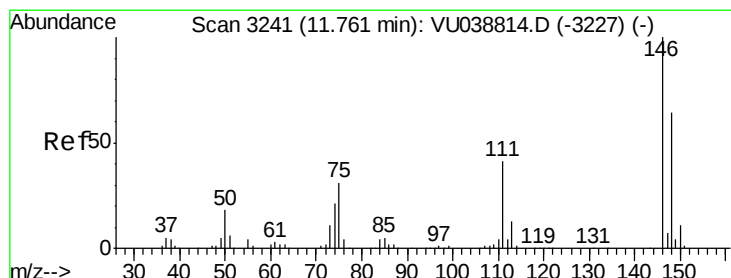
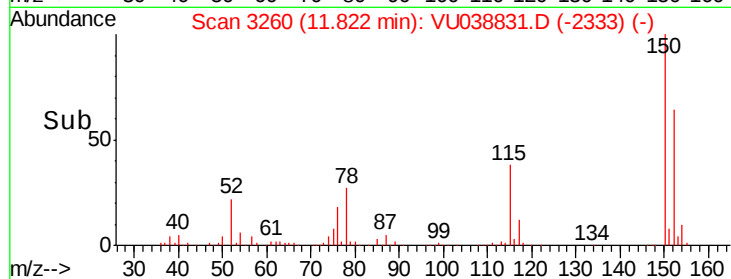
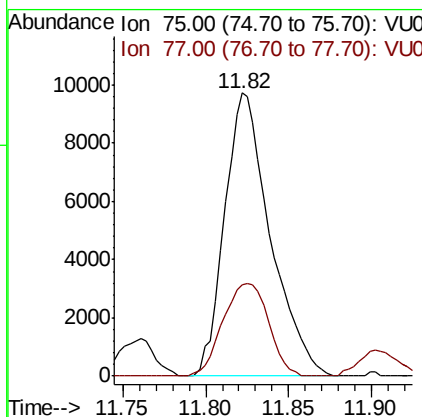
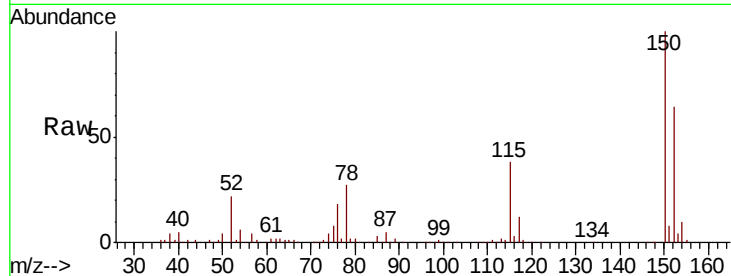




#59
 1,2,3-Trichloropropane
 Concen: 1.318 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

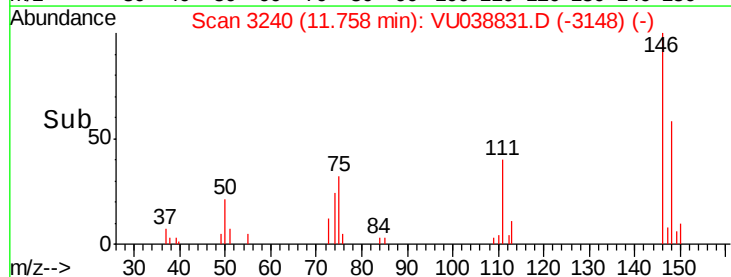
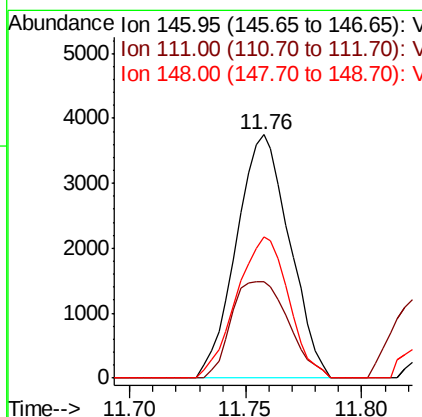
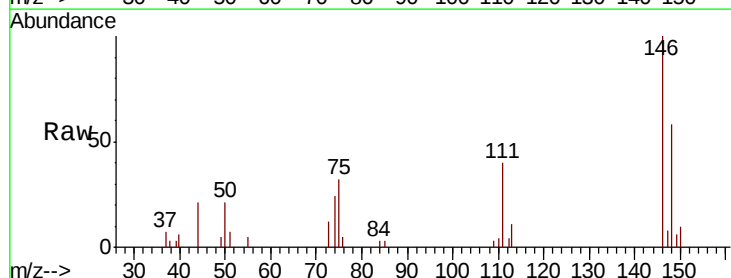
Instrument :
 MSVOA_U
 ClientSampled :
 BFXE8

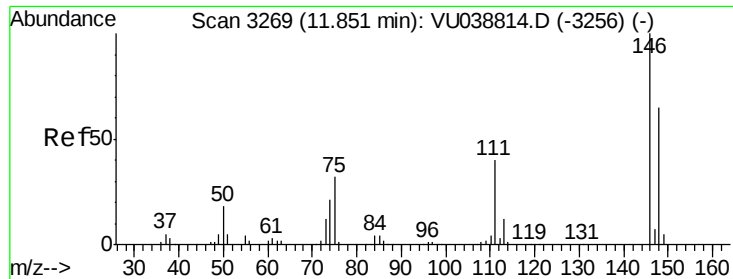
Tot Ion: 75 Resp: 18592
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#62
 1,3-Dichlorobenzene
 Concen: 0.159 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Tgt Ion: 146 Resp: 5975
 Ion Ratio Lower Upper
 146 100
 111 39.7 29.5 54.9
 148 58.1 45.6 84.6

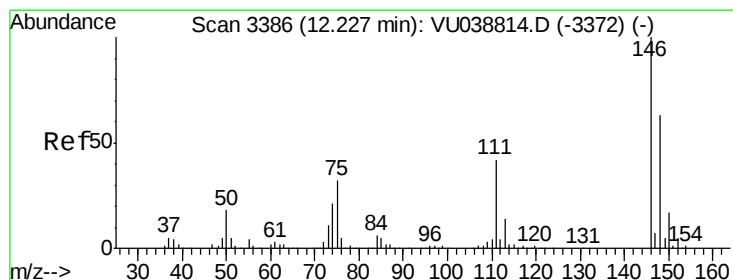
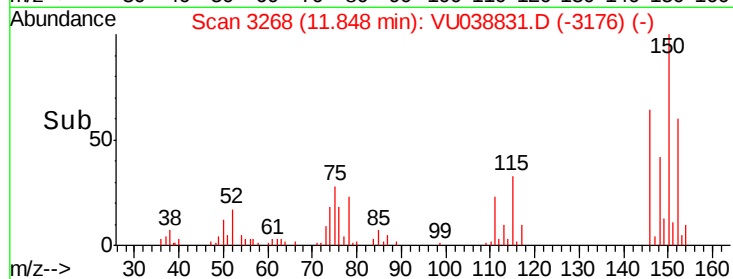
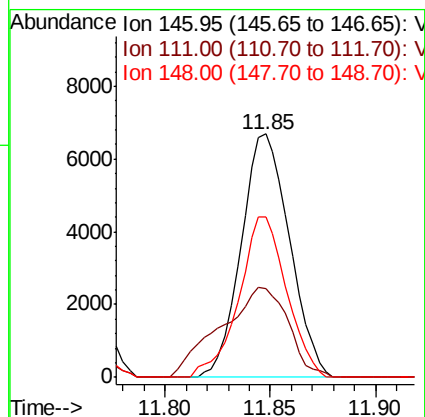
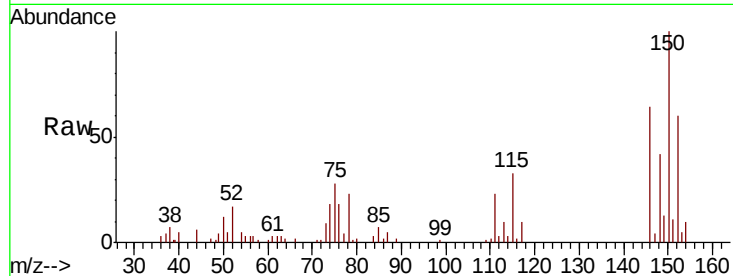




#63
 1,4-Dichlorobenzene
 Concen: 0.279 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

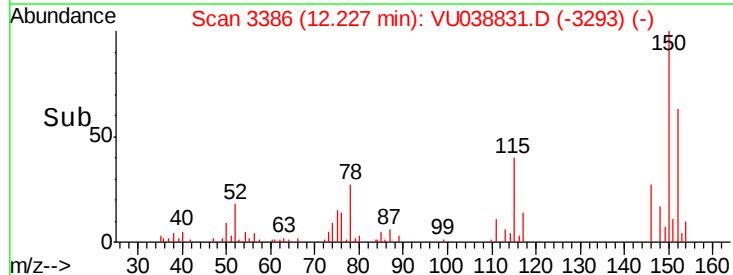
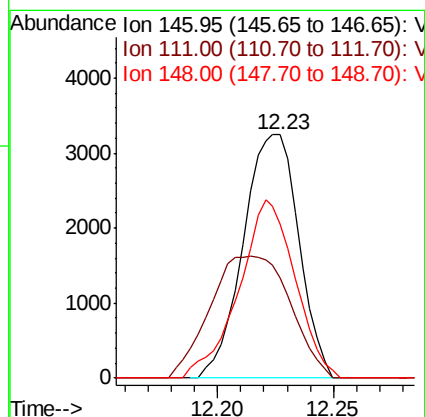
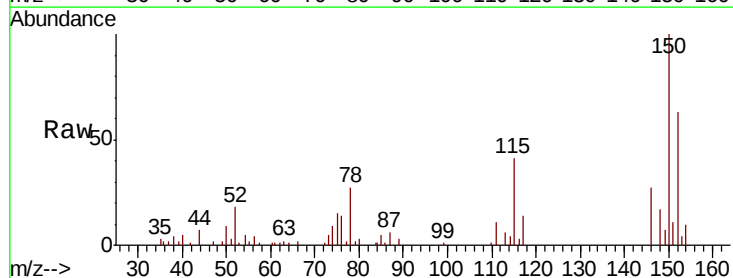
Instrument :
 MSVOA_U
 ClientSampled :
 BFXE8

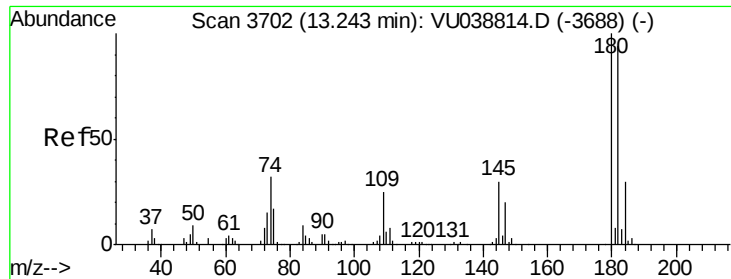
Tot Ion:146 Resp: 10650
 Ion Ratio Lower Upper
 146 100
 111 36.3 27.6 51.2
 148 65.7 44.8 83.2



#65
 1,2-Dichlorobenzene
 Concen: 0.151 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Tgt Ion:146 Resp: 5393
 Ion Ratio Lower Upper
 146 100
 111 41.2 35.1 52.7
 148 63.5 50.9 76.3

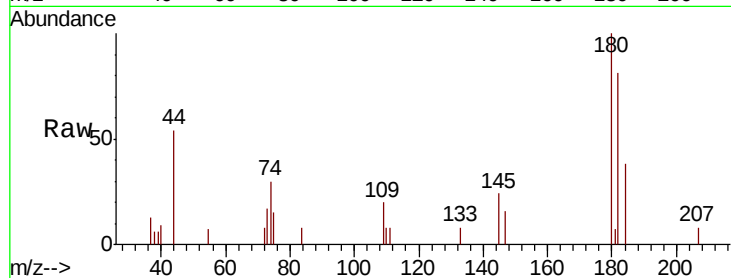




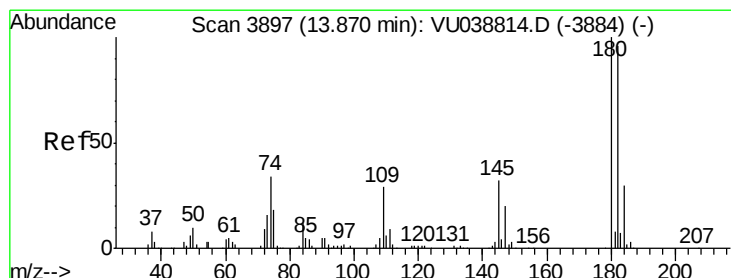
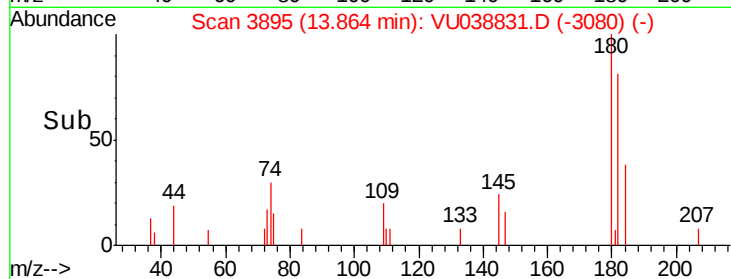
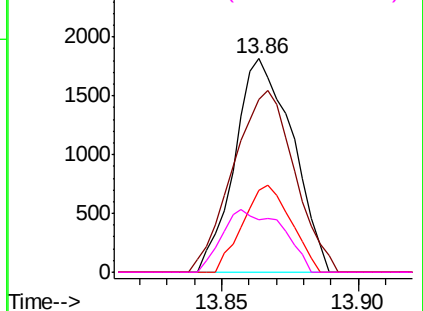
#67
 1,3,5-Trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.62 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Instrument :
 MSVOA_U
 ClientSampled :
 BFXE8

Tot Ion:180 Resp: 2670
 Ion Ratio Lower Upper
 180 100
 182 90.4 76.8 115.2
 184 33.7 25.1 37.7
 145 30.5 24.6 37.0

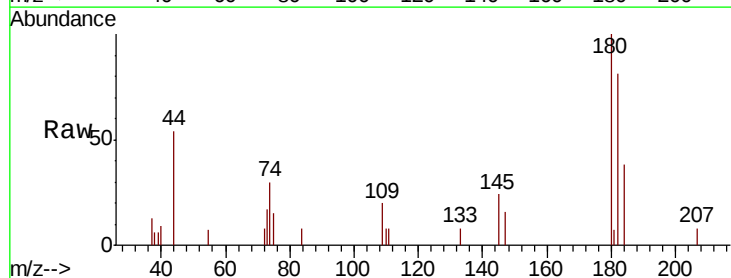


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.103 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.01 min
 Lab File: VU038831.D
 Acq: 11 Jun 2020 17:43

Tgt Ion:180 Resp: 2670
 Ion Ratio Lower Upper
 180 100
 182 90.4 75.8 113.8
 145 30.5 25.3 37.9



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

