

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041547.D
 Acq On : 10 Dec 2020 19:45
 Operator : SY/MD
 Sample : L5023-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW3

Quant Time: Dec 11 06:09:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	34681	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6687	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.92	69	8051	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	15609	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.66	46	24110	36.09	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.18%
24) Chloroform-d	5.08	84	27830	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.72	65	18301	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.74	84	35425	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	9777	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.91	98	39296	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.19	79	7000	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.64	63	23344	40.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10698	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	17059	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

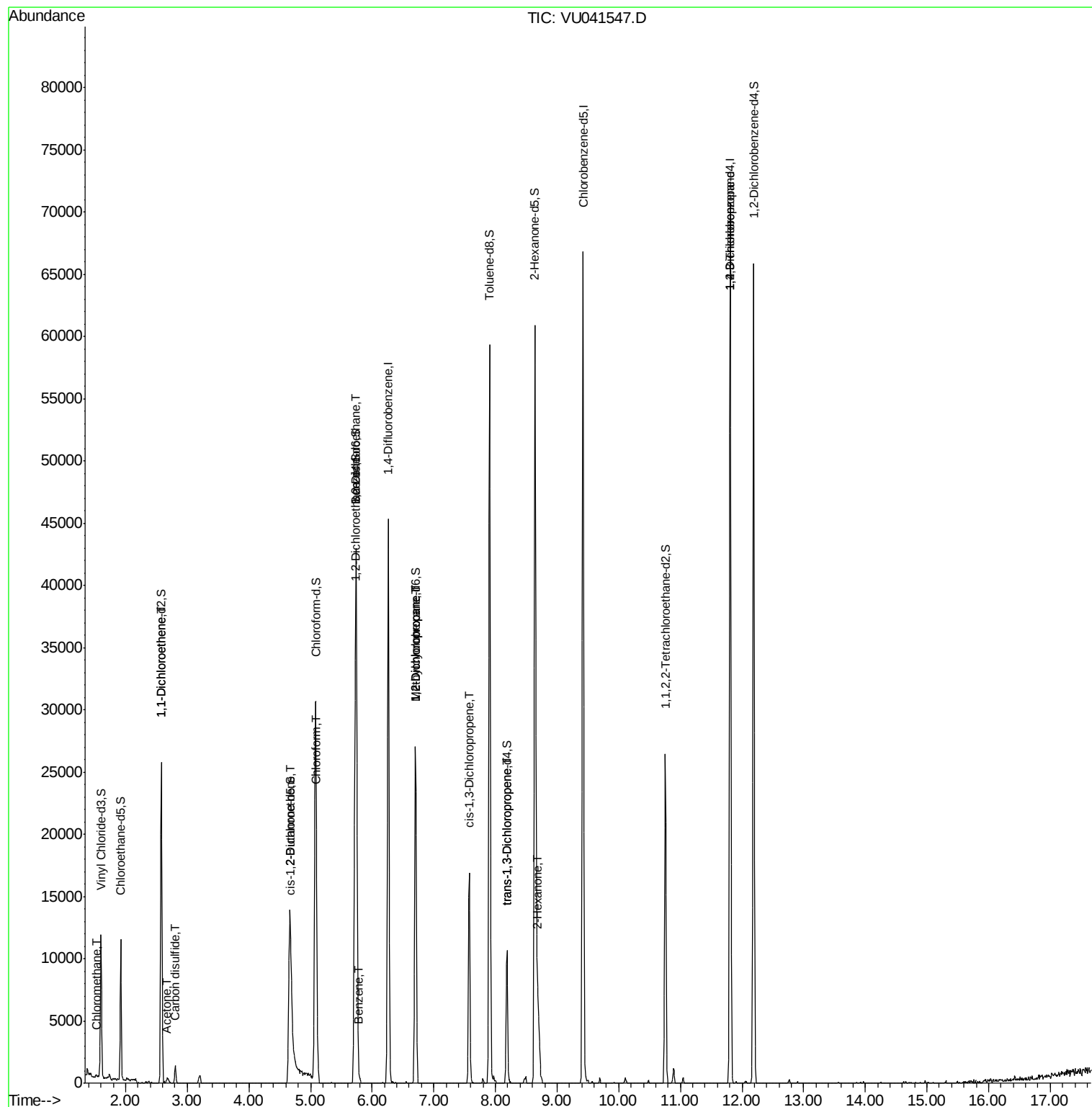
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	188	0.095	ug/L #	41
12) 1,1-Dichloroethene	2.59	96	249	0.123	ug/L #	1
13) Acetone	2.68	43	910	1.750	ug/L	54
14) Carbon disulfide	2.81	76	1563	0.250	ug/L #	95
22) cis-1,2-Dichloroethene	4.69	96	478	0.210	ug/L #	59
25) Chloroform	5.11	83	1811	0.375	ug/L	90
27) 1,2-Dichloroethane	5.74	62	307	0.081	ug/L #	79
33) Benzene	5.79	78	347	0.039	ug/L	100
35) Methylcyclohexane	6.70	83	3105	0.844	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1573	0.751	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	421	0.111	ug/L	89
44) trans-1,3-Dichloropropene	8.19	75	144	0.038	ug/L #	50
48) 2-Hexanone	8.69	43	770	0.571	ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	1691	0.833	ug/L #	59

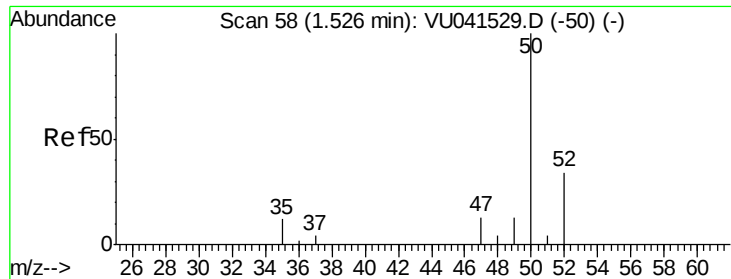
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.095 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041547.D

Acq: 10 Dec 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

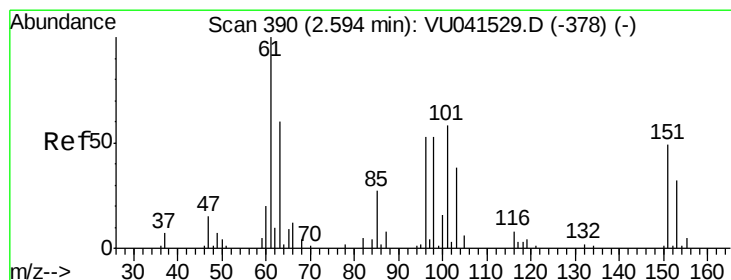
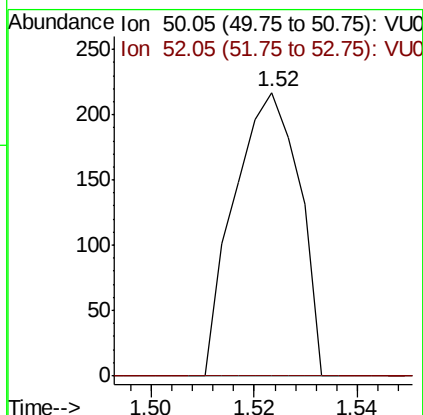
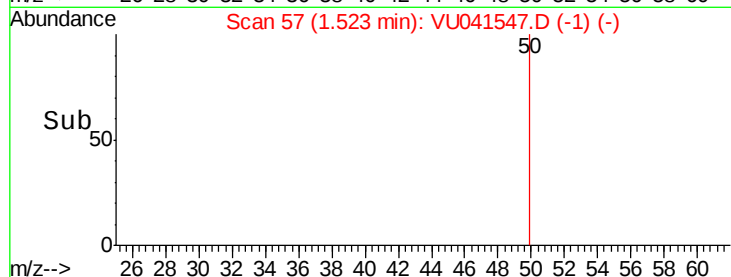
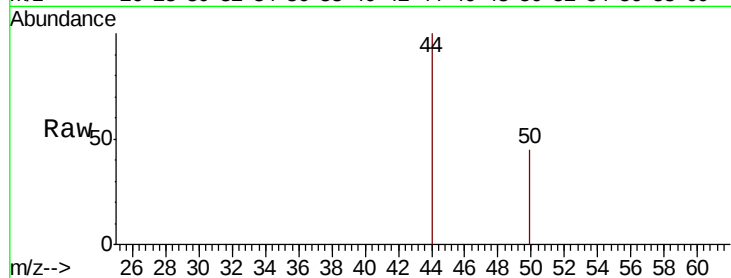
C0AW3

Tot Ion: 50 Resp: 188

Ion Ratio Lower Upper

50 100

52 0.0 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU041547.D

Acq: 10 Dec 2020 19:45

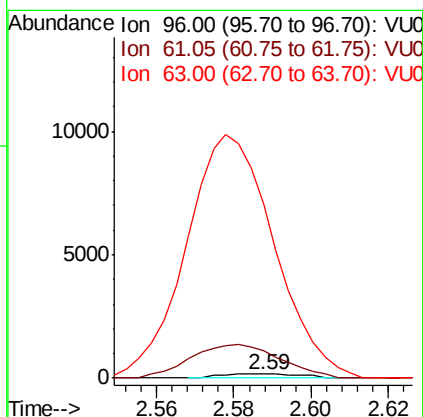
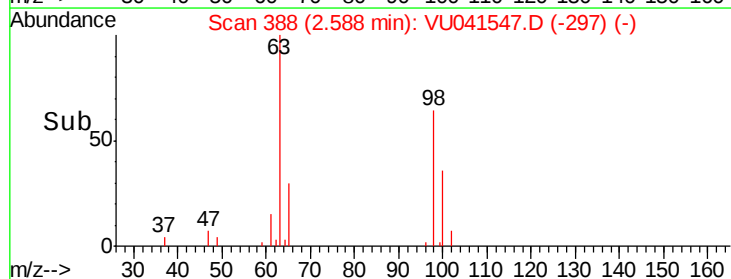
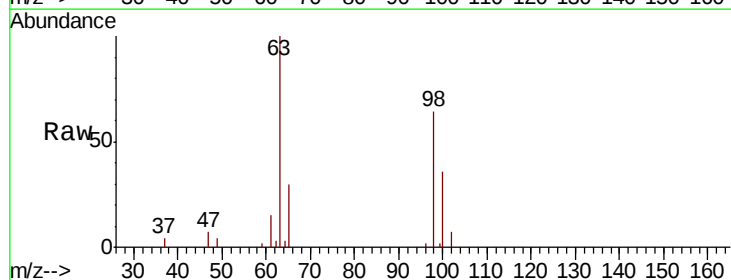
Tgt Ion: 96 Resp: 249

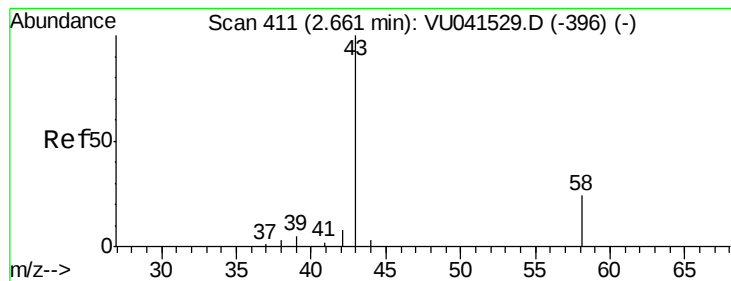
Ion Ratio Lower Upper

96 100

61 632.7 127.8 237.4#

63 4109.4 86.2 160.0#





#13

Acetone

Concen: 1.750 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

Lab File: VU041547.D

Acq: 10 Dec 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

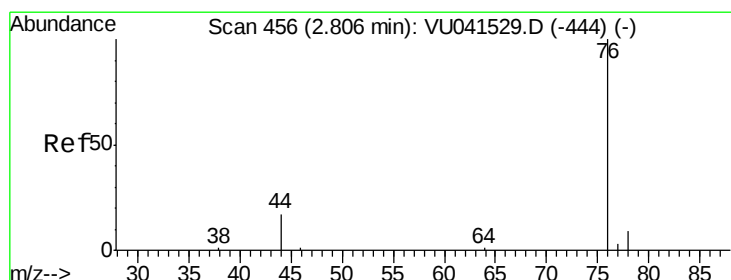
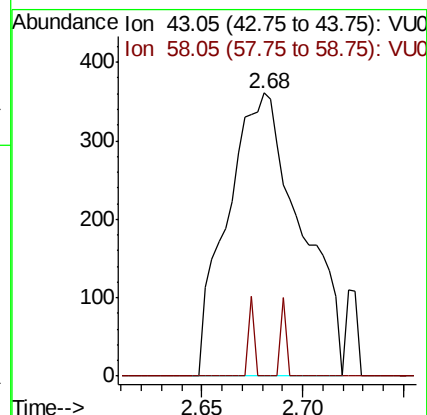
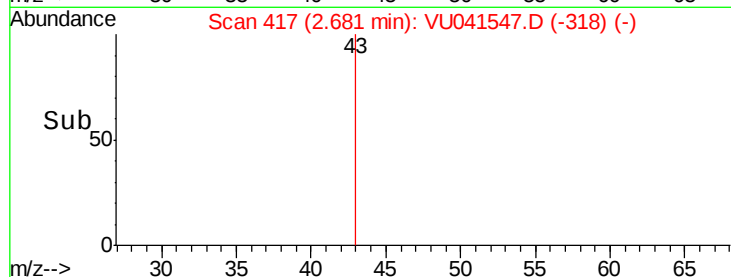
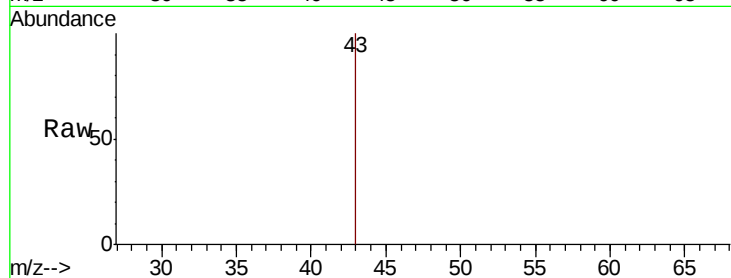
C0AW3

Tot Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

58 2.1 0.0 50.0



#14

Carbon disulfide

Concen: 0.250 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041547.D

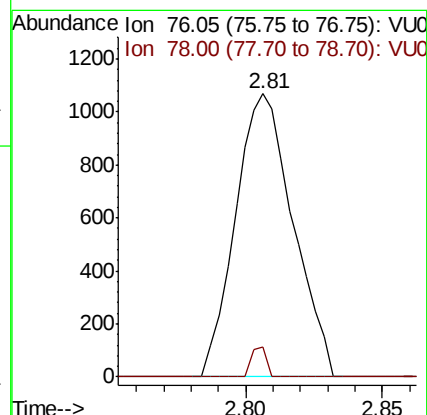
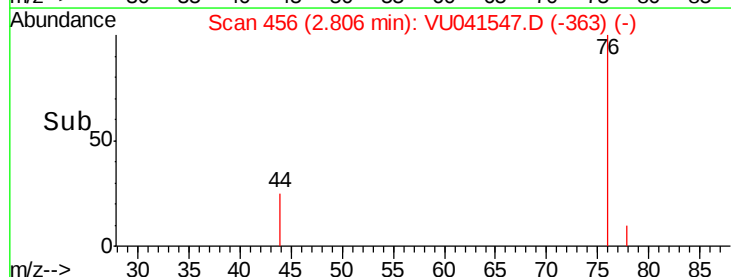
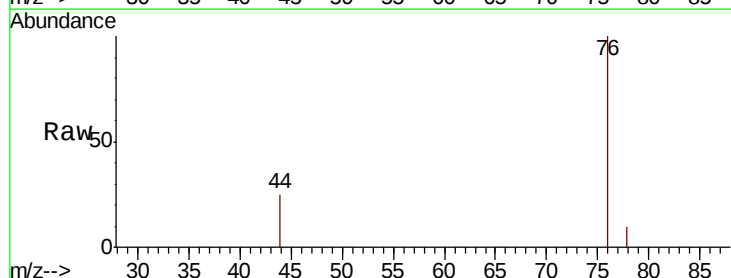
Acq: 10 Dec 2020 19:45

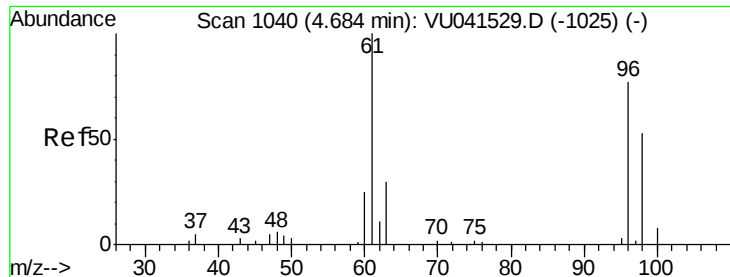
Tgt Ion: 76 Resp: 1563

Ion Ratio Lower Upper

76 100

78 10.4 6.8 10.2#





#22

cis-1,2-Dichloroethene

Concen: 0.210 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041547.D

Acq: 10 Dec 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0AW3

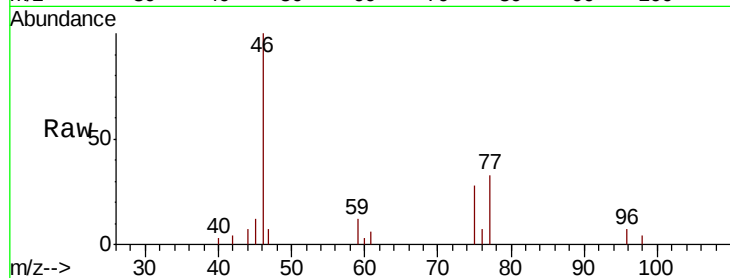
Tot Ion: 96 Resp: 478

Ion Ratio Lower Upper

96 100

61 81.7 90.5 168.1#

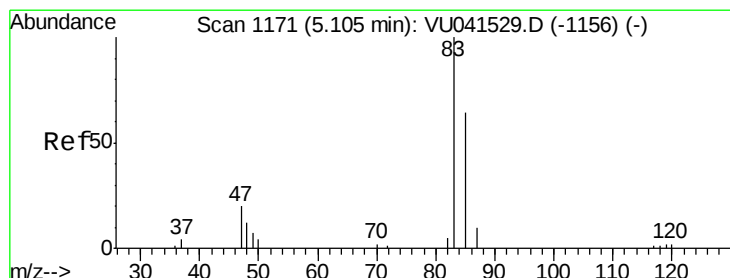
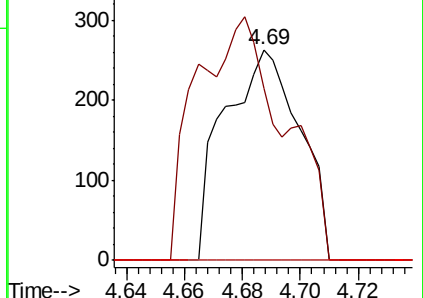
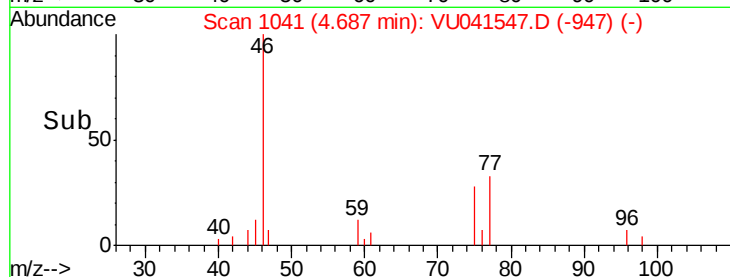
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.375 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041547.D

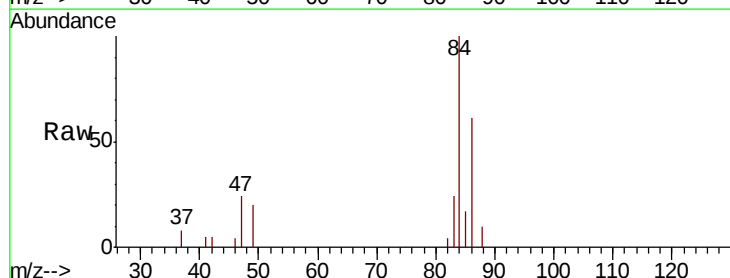
Acq: 10 Dec 2020 19:45

Tgt Ion: 83 Resp: 1811

Ion Ratio Lower Upper

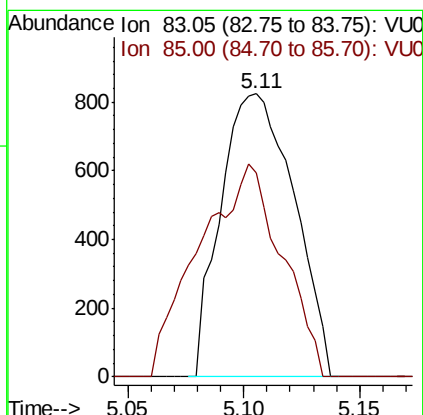
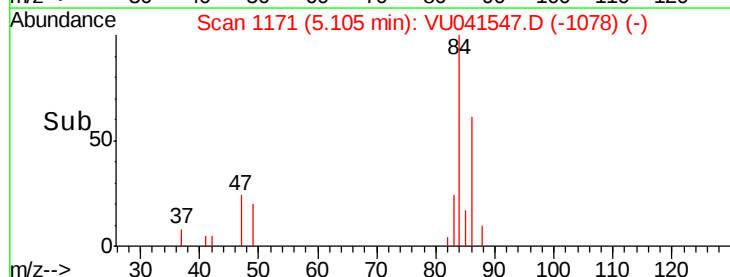
83 100

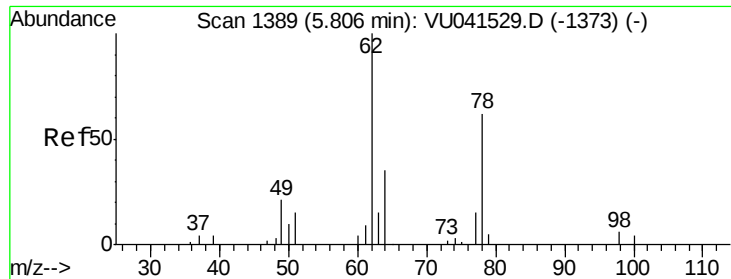
85 72.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

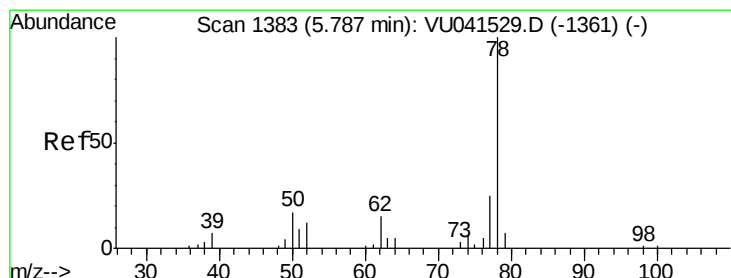
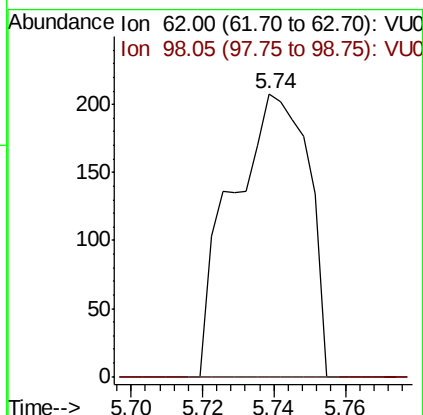
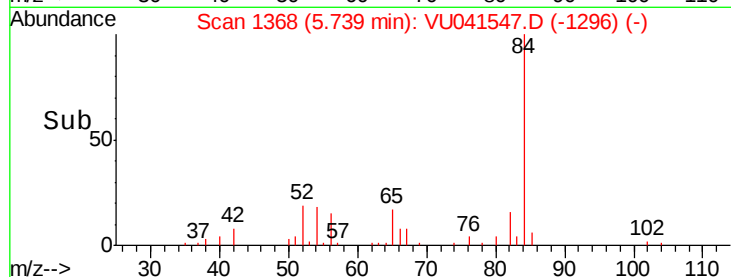
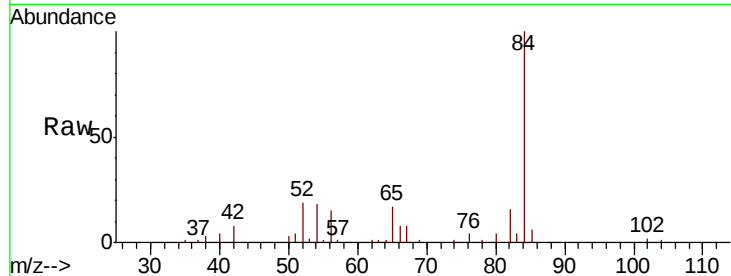




#27
 1,2-Dichloroethane
 Concen: 0.081 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041547.D
 Acq: 10 Dec 2020 19:45

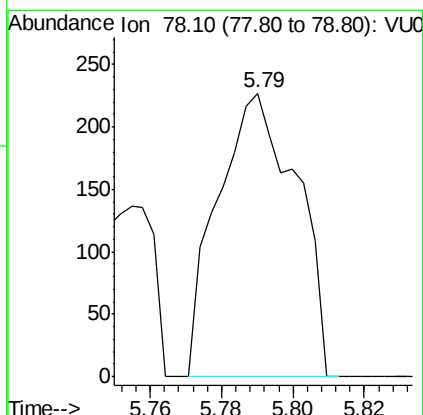
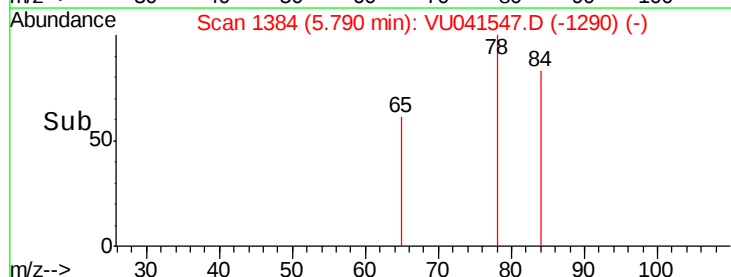
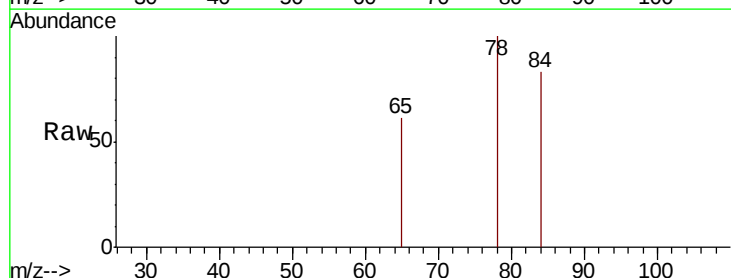
Instrument :
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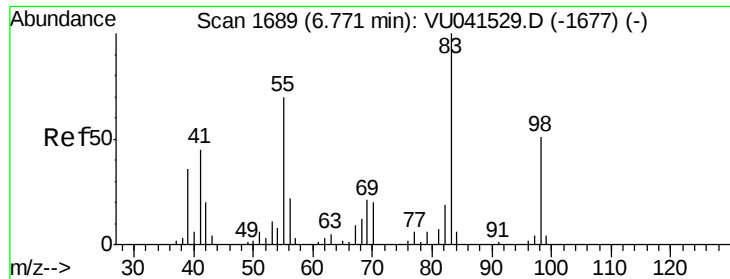
Tot Ion: 62 Resp: 307
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#33
 Benzene
 Concen: 0.039 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU041547.D
 Acq: 10 Dec 2020 19:45

Tgt Ion: 78 Resp: 347

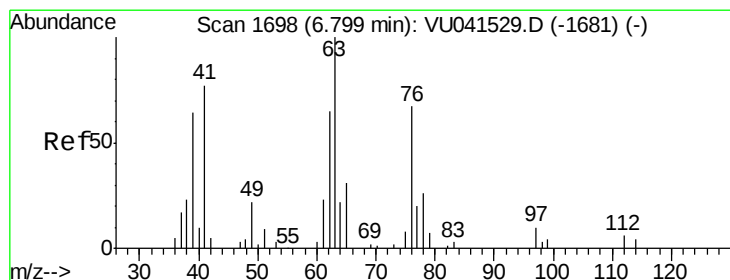
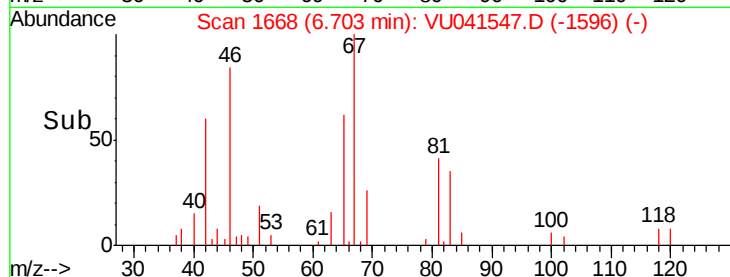
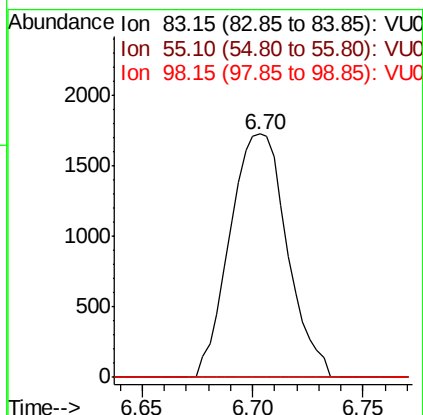
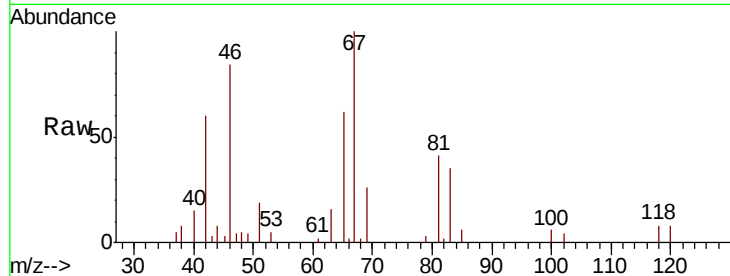




#35
Methvlcvclohexane
Concen: 0.844 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041547.D
Acq: 10 Dec 2020 19:45

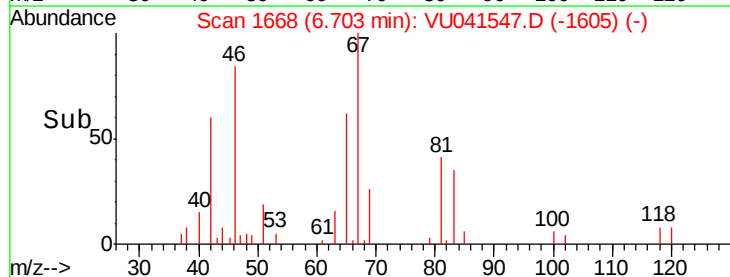
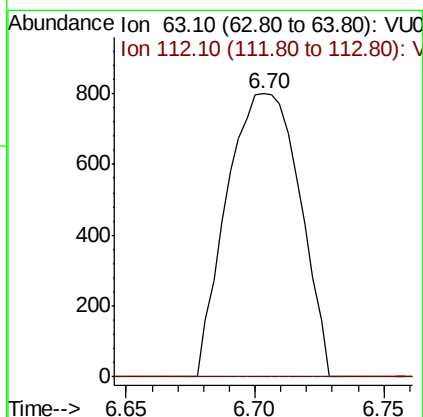
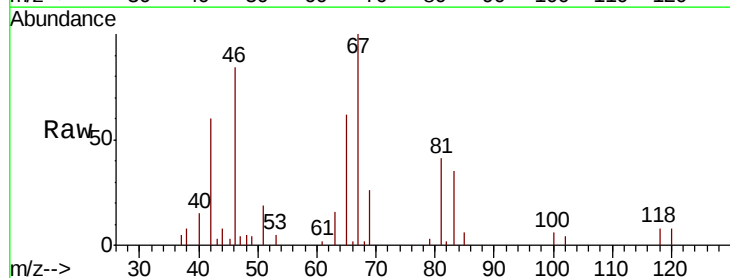
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MSVOA_U
ClientSampleId :
C0AW3

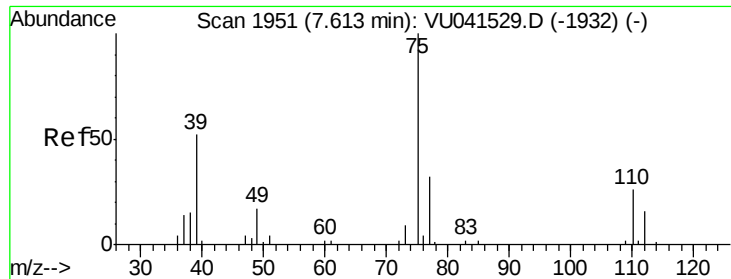
Tot Ion: 83 Resp: 3105
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041547.D
Acq: 10 Dec 2020 19:45

Tgt Ion: 63 Resp: 1573
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

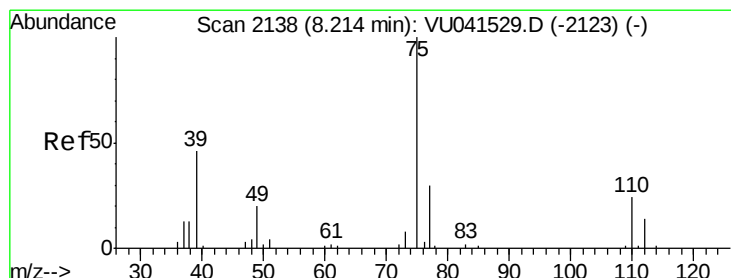
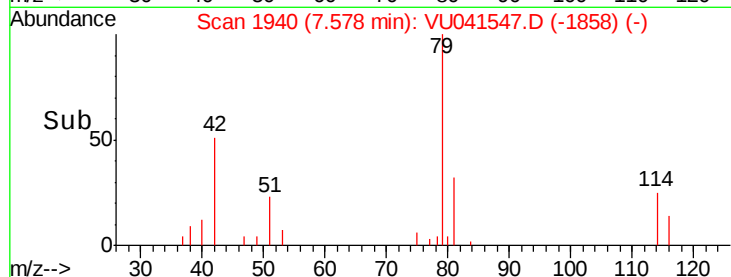
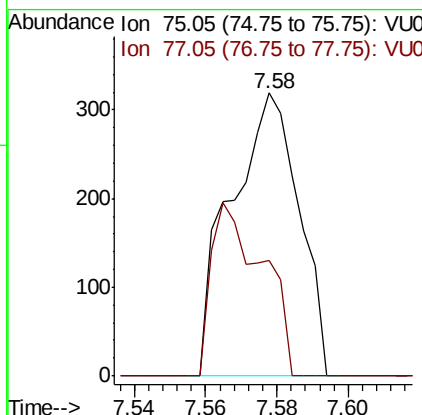
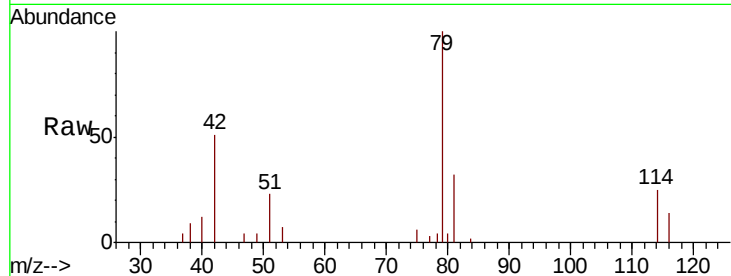




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041547.D
 Acq: 10 Dec 2020 19:45

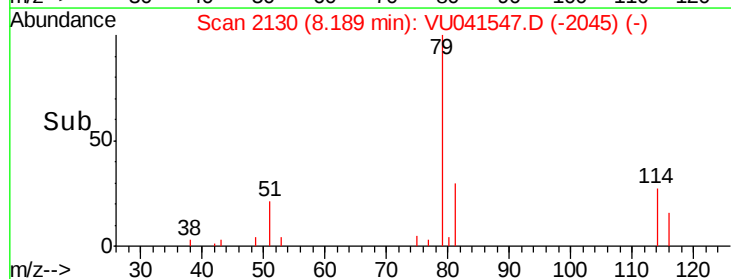
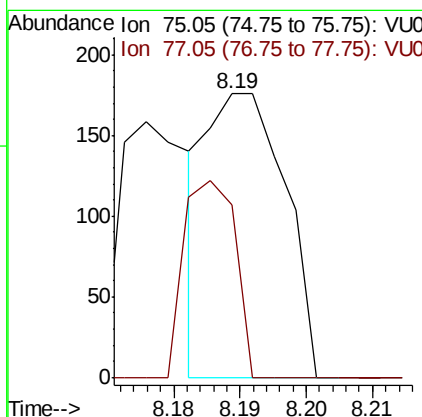
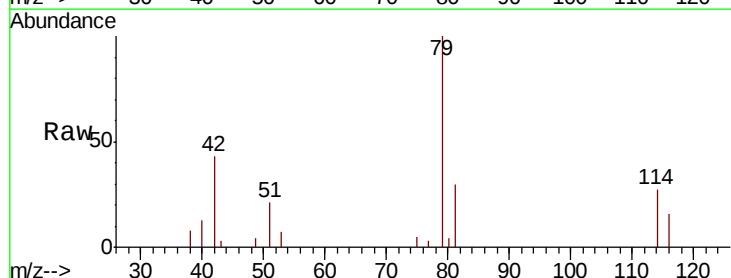
Instrument :
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 C0AW3

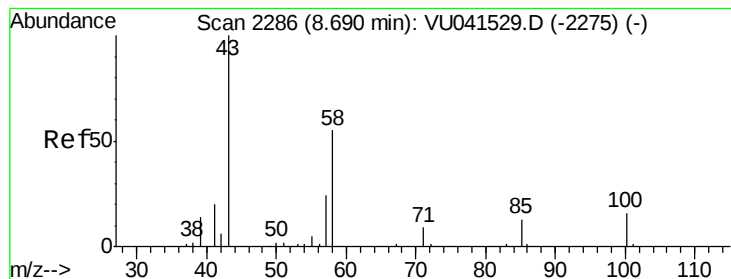
Tot Ion: 75 Resp: 421
 Ion Ratio Lower Upper
 75 100
 77 40.8 24.0 44.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.038 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041547.D
 Acq: 10 Dec 2020 19:45

Tgt Ion: 75 Resp: 144
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.7 42.3#





#48

2-Hexanone

Concen: 0.571 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU041547.D

Acq: 10 Dec 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0AW3

Tot Ion: 43 Resp: 770

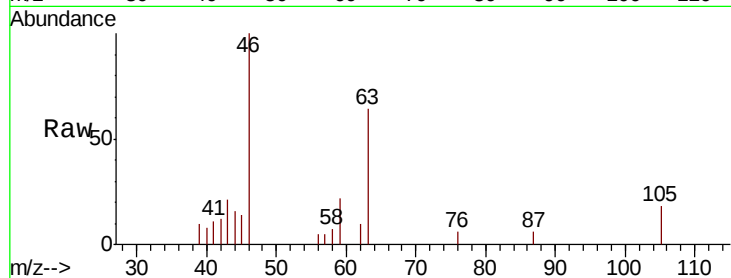
Ion Ratio Lower Upper

43 100

58 27.5 41.4 62.0#

57 5.6 17.1 25.7#

100 0.0 10.6 16.0#

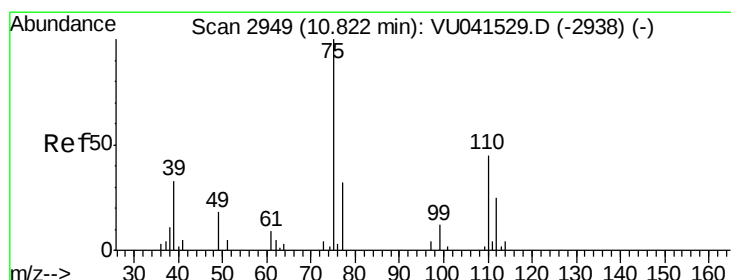
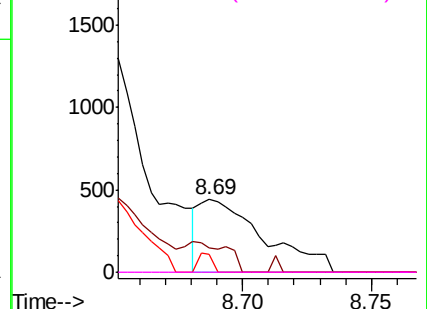
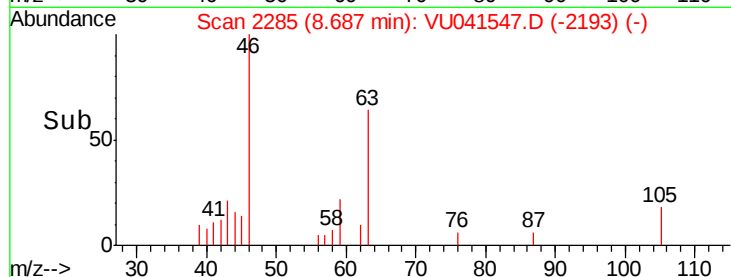


Abundance Ion 43.05 (42.75 to 43.75): VU0

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



#59

1,2,3-Trichloropropane

Concen: 0.833 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041547.D

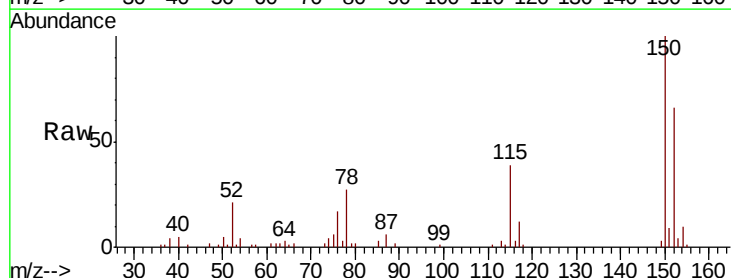
Acq: 10 Dec 2020 19:45

Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

75 100

77 55.8 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

