

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041157.D
 Acq On : 09 Nov 2020 22:20
 Operator : SY/MD
 Sample : L4673-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0S9

Quant Time: Nov 10 04:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 04:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16196	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.92	69	14817	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.58	63	26195	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.65	46	88724	53.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	5.08	84	41809	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	27697	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	74292	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	26467	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	61237	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	10136	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.64	63	63555	50.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24504	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27239	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

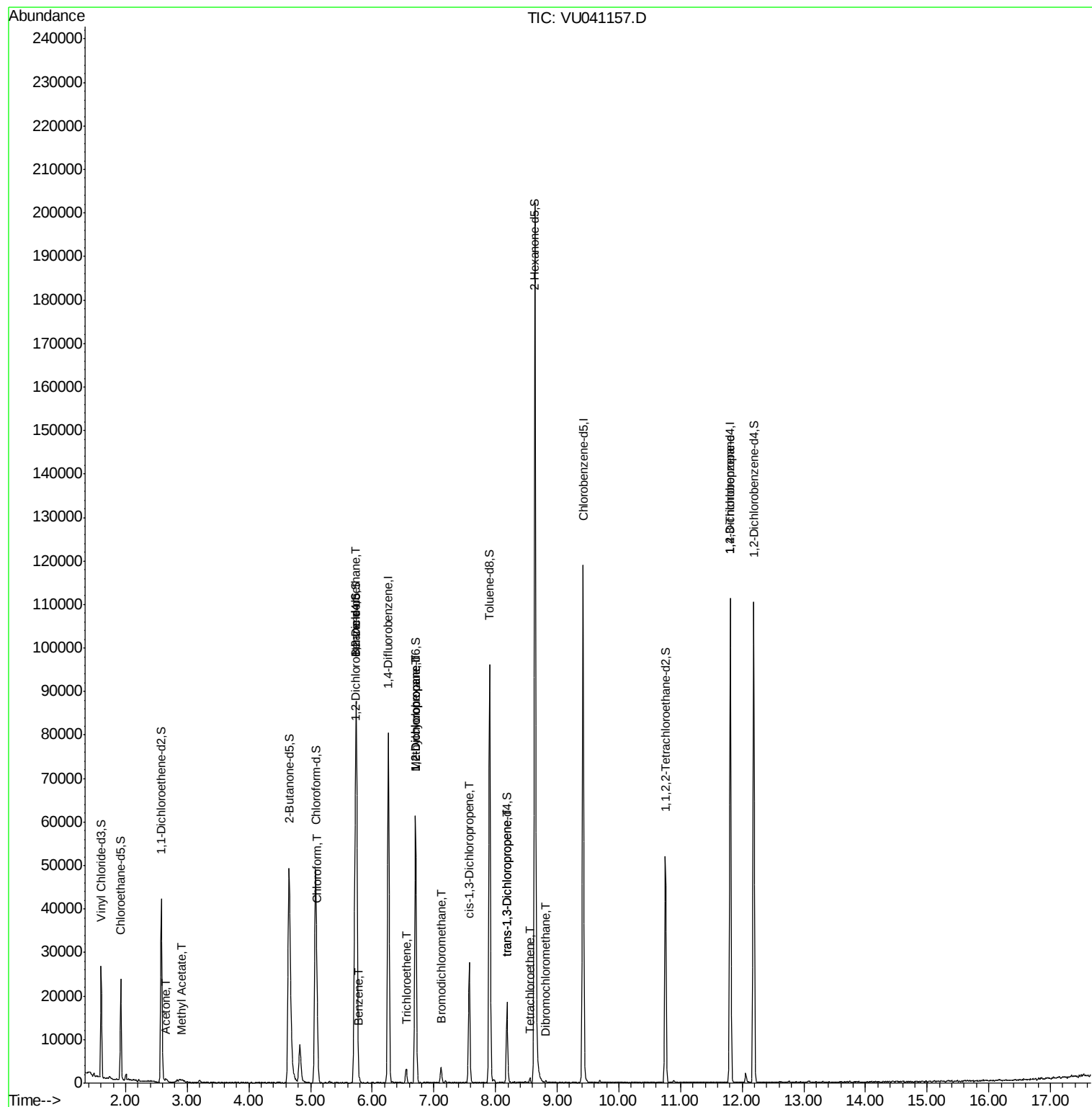
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	1692	1.497	ug/L	87
15) Methyl Acetate	2.91	43	262	0.101	ug/L #	53
25) Chloroform	5.11	83	8762	1.019	ug/L	99
27) 1,2-Dichloroethane	5.74	62	461	0.072	ug/L #	74
33) Benzene	5.79	78	885	0.048	ug/L	100
34) Trichloroethene	6.56	95	1024	0.219	ug/L	93
35) Methylcyclohexane	6.70	83	6161	0.884	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3269	0.658	ug/L #	86
38) Bromodichloromethane	7.11	83	2658	0.413	ug/L #	96
39) cis-1,3-Dichloropropene	7.58	75	716	0.105	ug/L #	60
44) trans-1,3-Dichloropropene	8.19	75	505	0.079	ug/L #	41
47) Tetrachloroethene	8.56	164	250	0.073	ug/L #	69
49) Dibromochloromethane	8.82	129	315	0.073	ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	3417	0.923	ug/L #	86

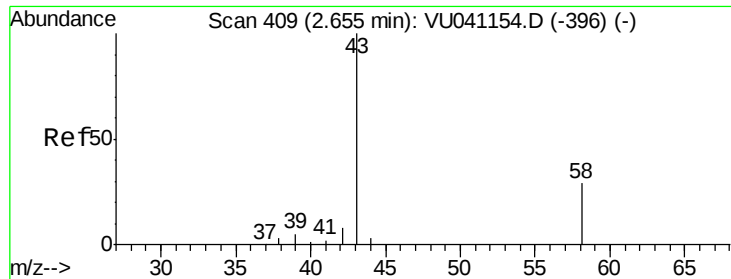
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.497 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU041157.D

Acq: 09 Nov 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

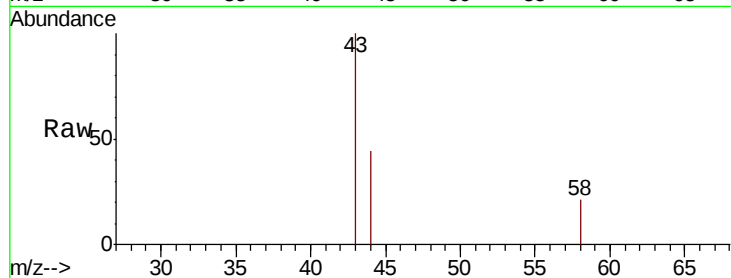
GB0S9

Tot Ion: 43 Resp: 1692

Ion Ratio Lower Upper

43 100

58 7.6 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041154.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041154.D (-396) (-)

2.66

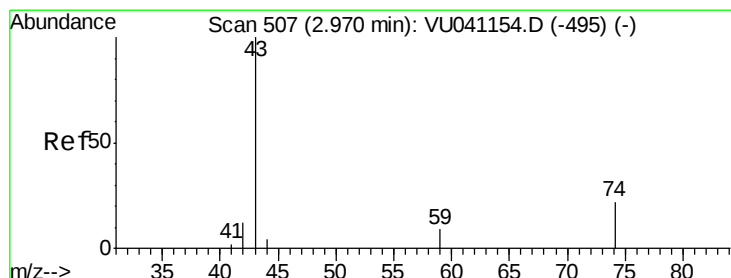
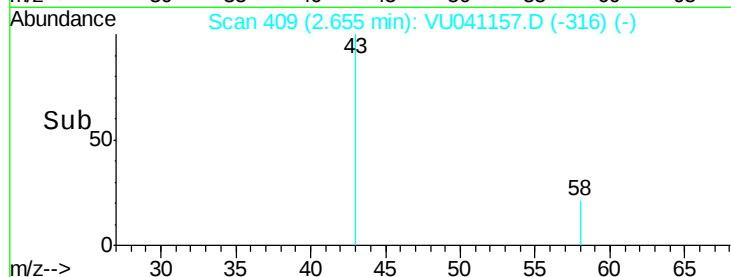
600

400

200

0

Time-->



#15

Methyl Acetate

Concen: 0.101 ug/L

RT: 2.91 min Scan# 488

Delta R.T. -0.06 min

Lab File: VU041157.D

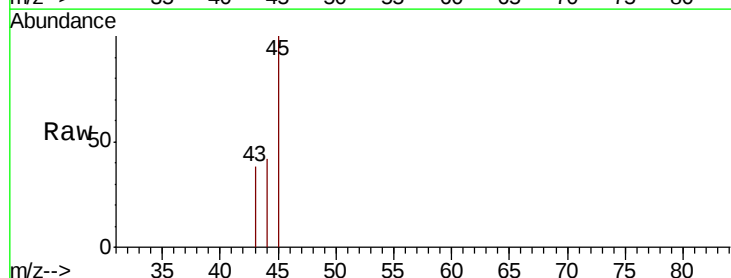
Acq: 09 Nov 2020 22:20

Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU041154.D (-495) (-)

Ion 74.05 (73.75 to 74.75): VU041154.D (-495) (-)

2.91

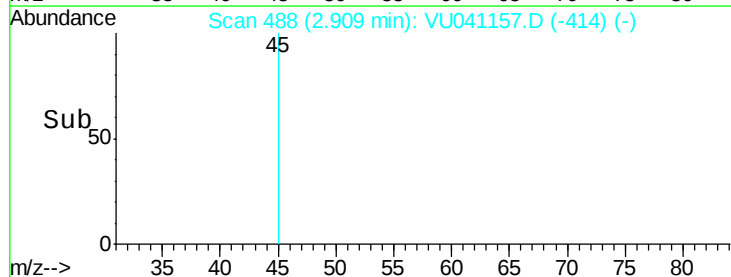
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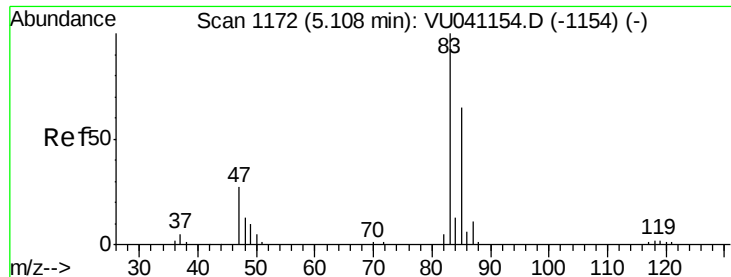
100

50

0

Time-->

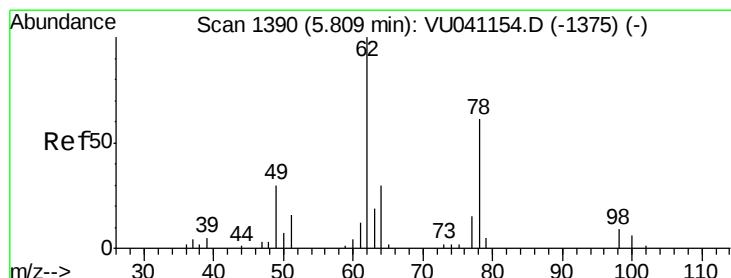
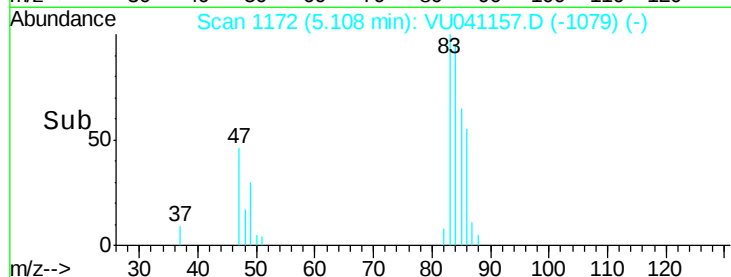
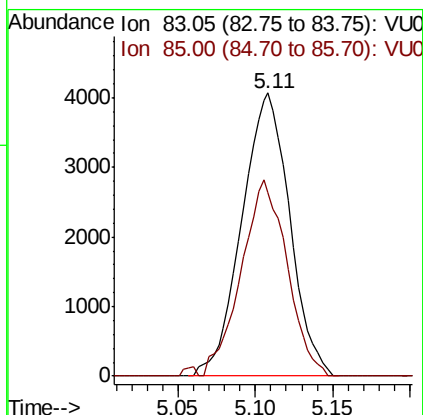
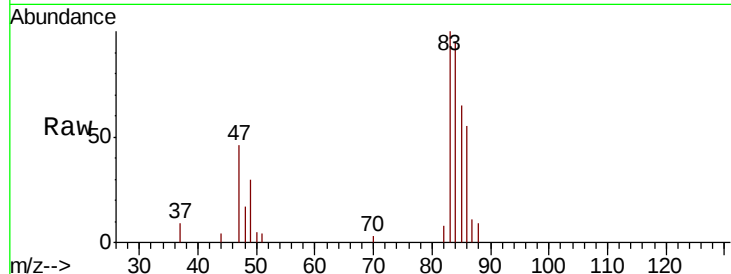




#25
Chloroform
Concen: 1.019 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

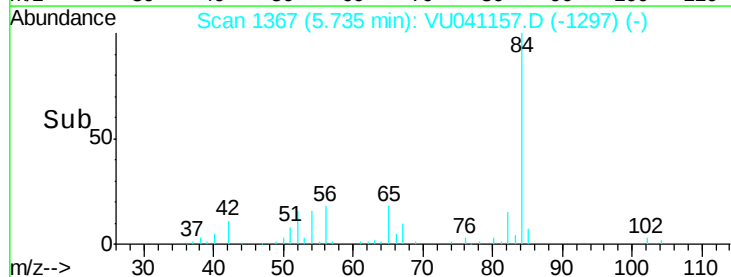
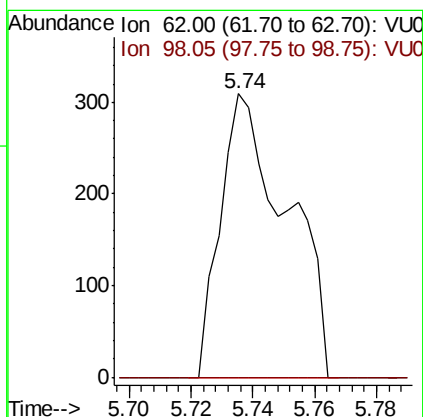
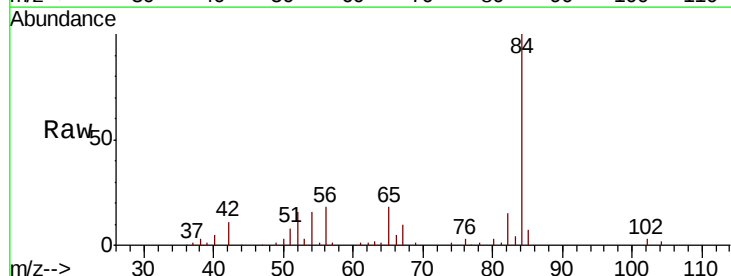
Instrument :
MSVOA_U
ClientSampleId :
GB0S9

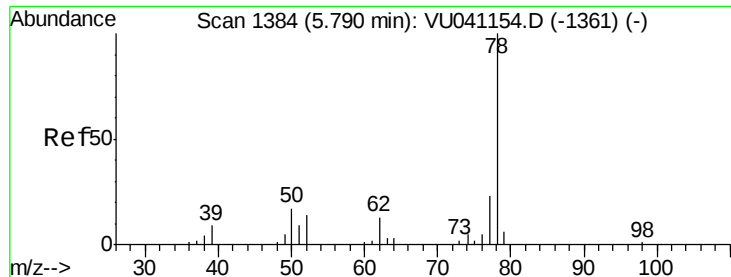
Tot Ion: 83 Resp: 8762
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

Tgt Ion: 62 Resp: 461
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

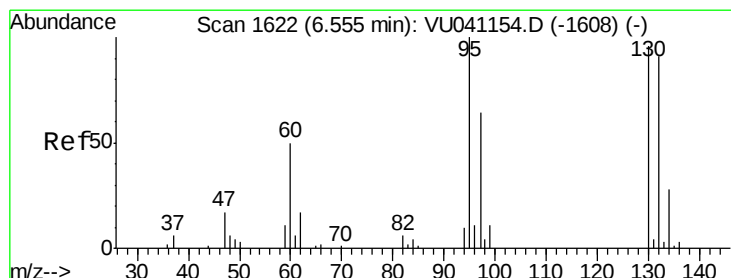
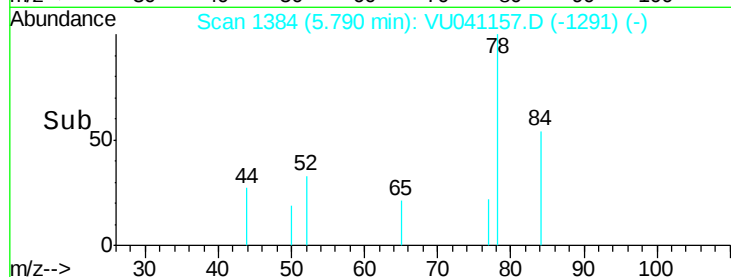
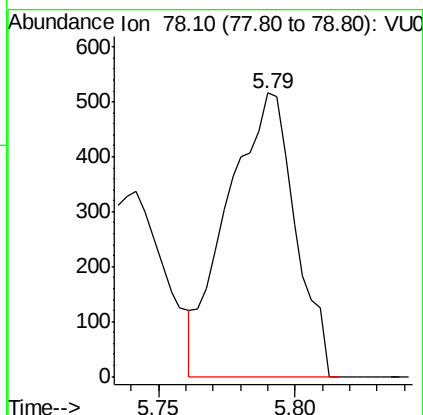
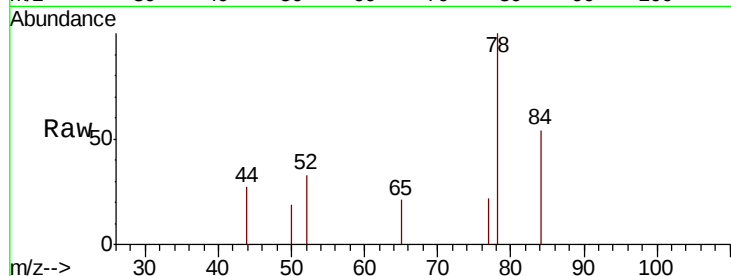




#33
Benzene
Concen: 0.048 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

Instrument :
MSVOA_U
ClientSampleId :
GB0S9

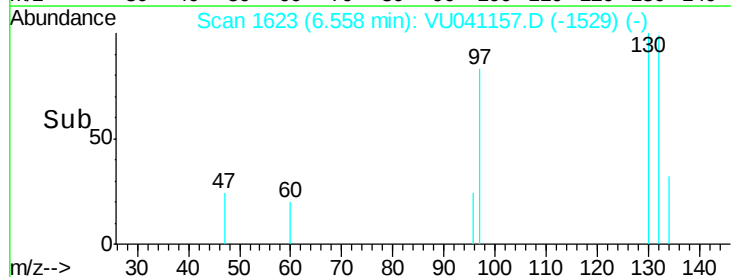
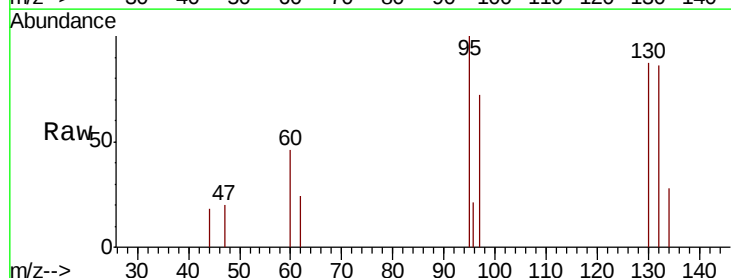
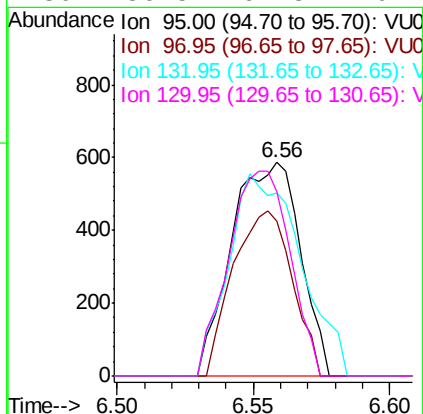
Tgt Ion: 78 Resp: 885

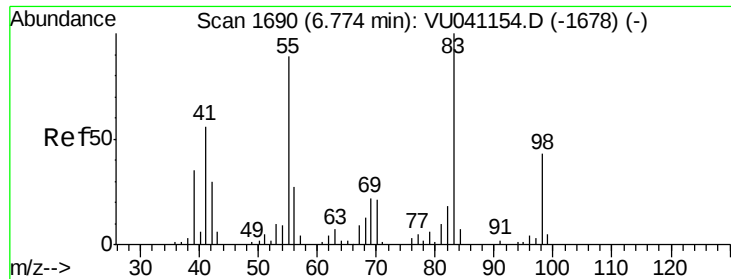


#34
Trichloroethene
Concen: 0.219 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

Tgt Ion: 95 Resp: 1024

Ion	Ratio	Lower	Upper
95	100		
97	72.2	45.6	84.6
132	85.7	64.8	120.4
130	86.5	64.8	120.4

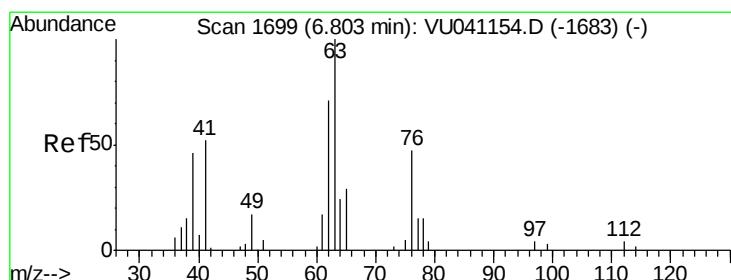
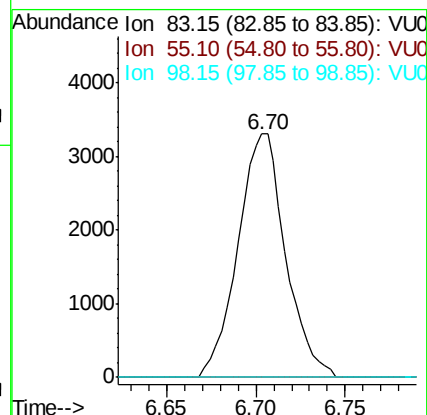
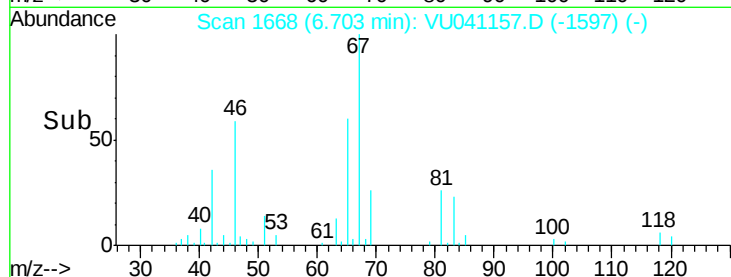
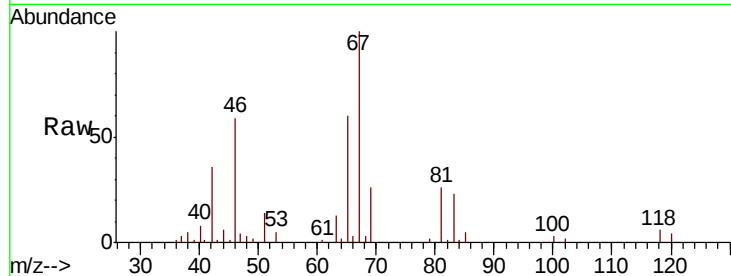




#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

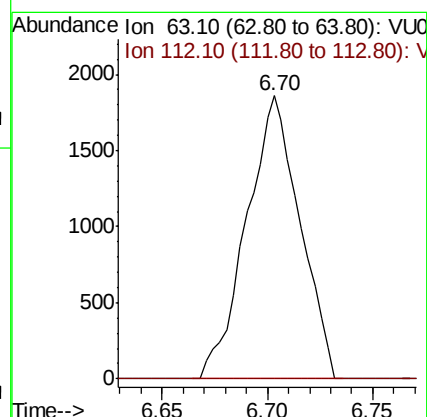
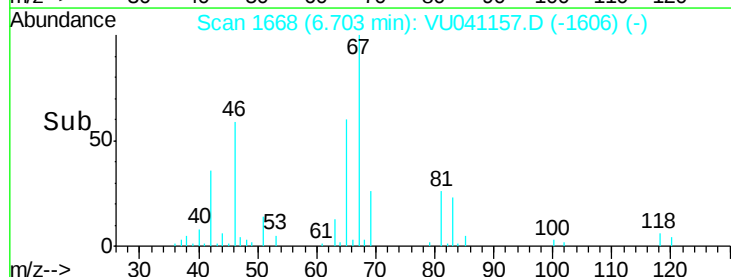
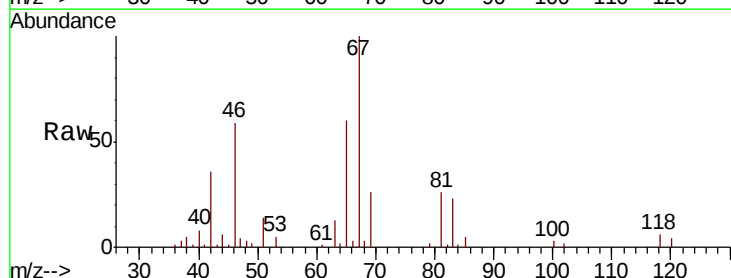
Instrument :
MSVOA_U
ClientSampleId :
GB0S9

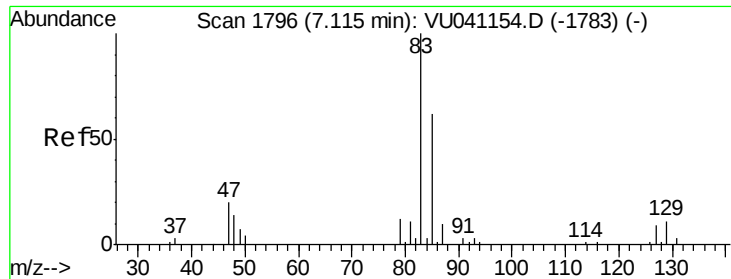
Tot Ion: 83 Resp: 6161
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.2 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041157.D
Acq: 09 Nov 2020 22:20

Tgt Ion: 63 Resp: 3269
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

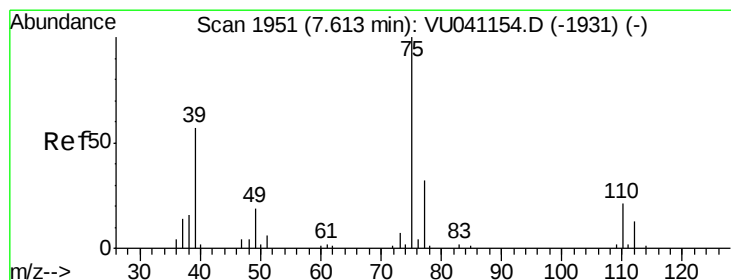
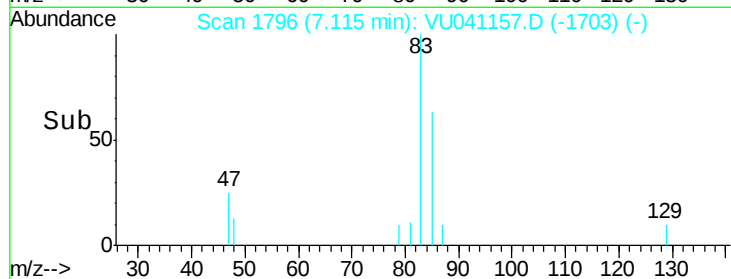
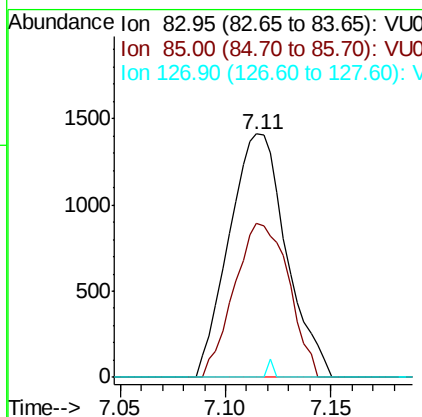
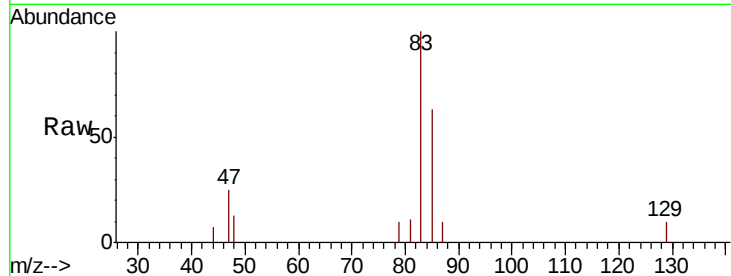




#38
 Bromodichloromethane
 Concen: 0.413 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU041157.D
 Acq: 09 Nov 2020 22:20

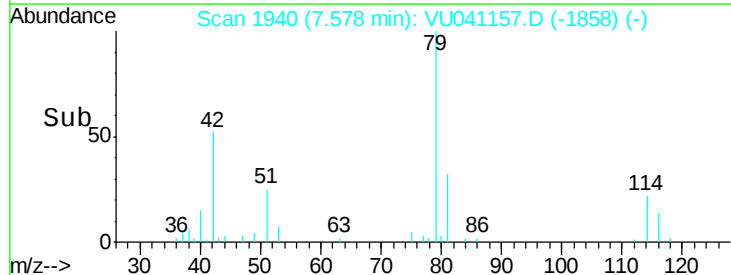
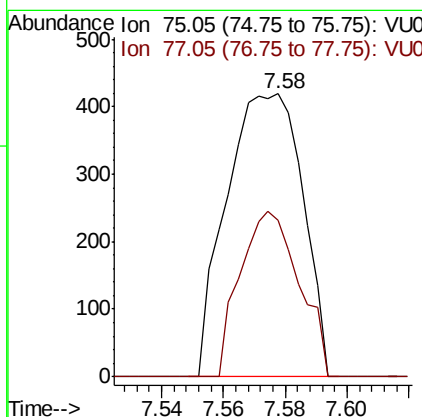
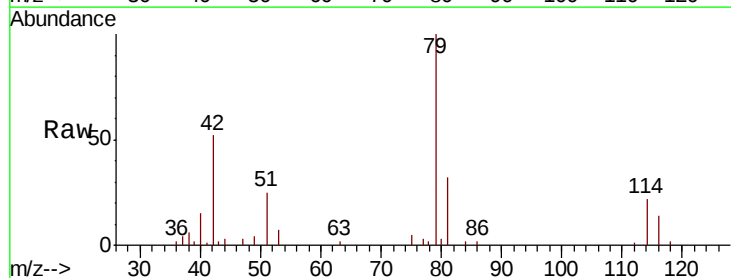
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0S9

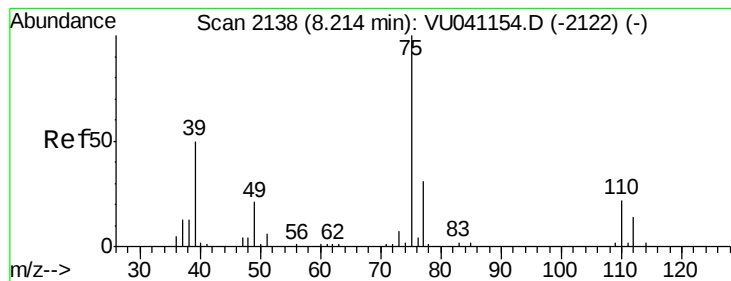
Tot Ion: 83 Resp: 2658
 Ion Ratio Lower Upper
 83 100
 85 63.2 43.3 80.3
 127 0.0 5.9 8.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041157.D
 Acq: 09 Nov 2020 22:20

Tgt Ion: 75 Resp: 716
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041157.D

Acq: 09 Nov 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

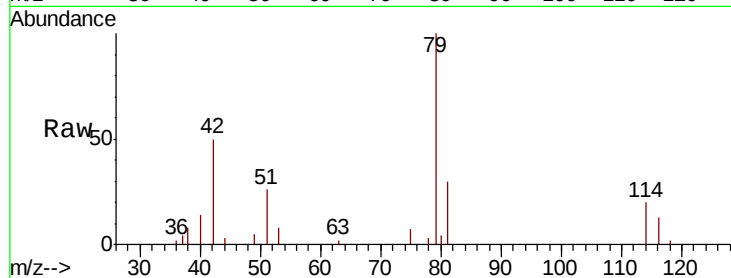
GB0S9

Tot Ion: 75 Resp: 505

Ion Ratio Lower Upper

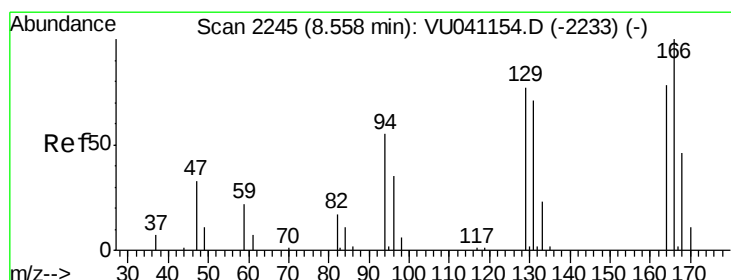
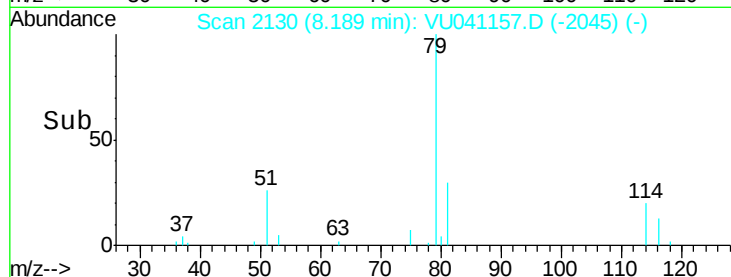
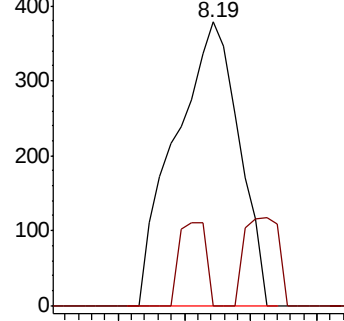
75 100

77 0.0 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.073 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU041157.D

Acq: 09 Nov 2020 22:20

Tgt Ion:164 Resp: 250

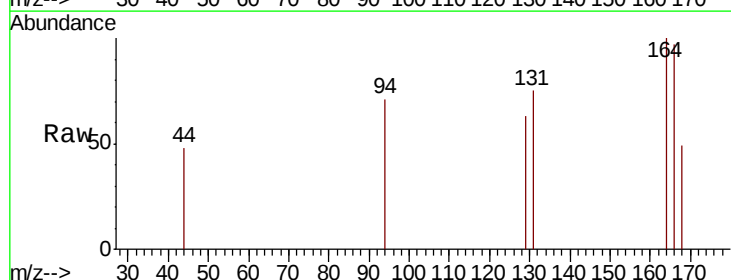
Ion Ratio Lower Upper

164 100

129 63.3 70.3 130.7#

131 75.0 70.8 131.4

166 97.1 92.0 170.8

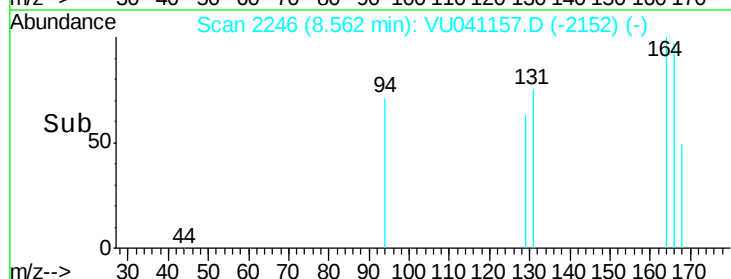
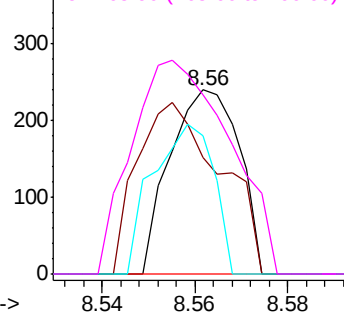


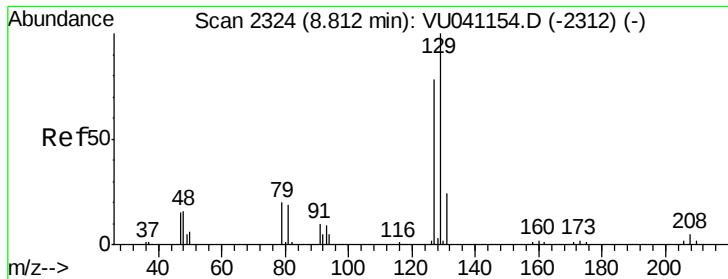
Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.073 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU041157.D

Acq: 09 Nov 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

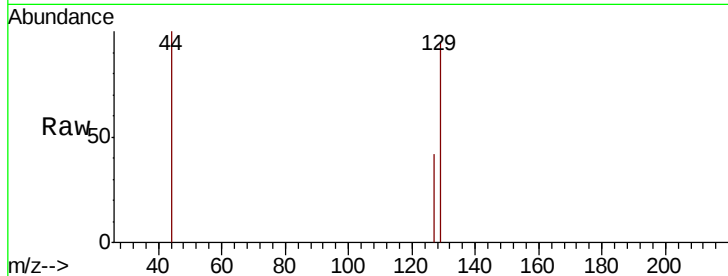
GB0S9

Tot Ion:129 Resp: 315

Ion Ratio Lower Upper

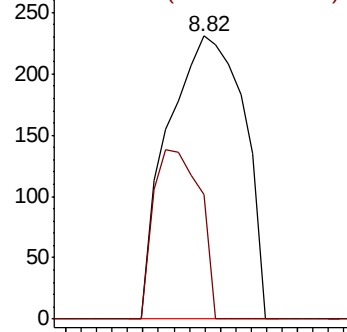
129 100

127 44.2 53.4 99.2#

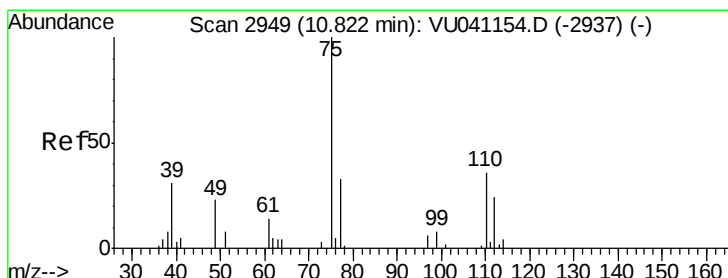
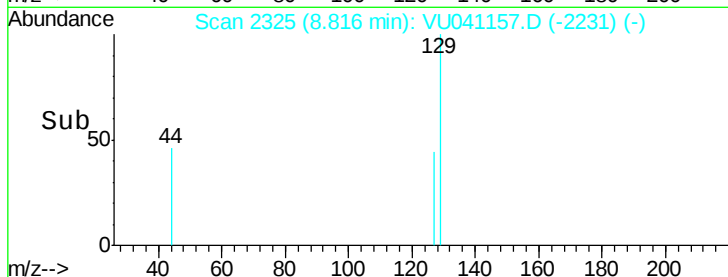


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time--> 8.78 8.80 8.82 8.84



#59

1,2,3-Trichloropropane

Concen: 0.923 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041157.D

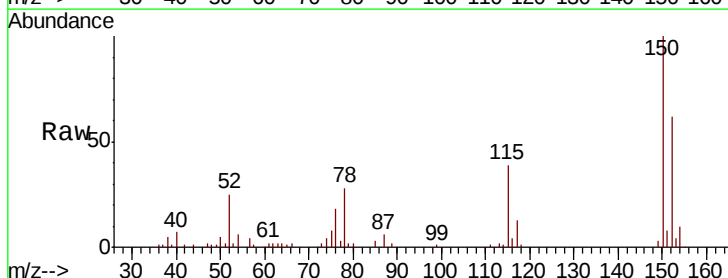
Acq: 09 Nov 2020 22:20

Tgt Ion: 75 Resp: 3417

Ion Ratio Lower Upper

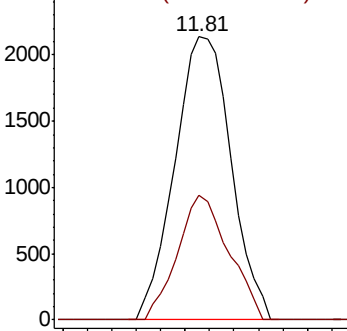
75 100

77 39.9 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time--> 11.75 11.80 11.85

