

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102720\
 Data File : VU040981.D
 Acq On : 27 Oct 2020 14:16
 Operator : SY/MD
 Sample : L4492-18DL 1000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6DL

Quant Time: Oct 28 02:25:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 28 02:17:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24164	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23206	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.92	69	19096	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.58	63	34793	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	84410	53.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	5.08	84	41696	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	26877	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.74	84	76829	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	25897	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	60456	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	10222	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	58631	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23283	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22703	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

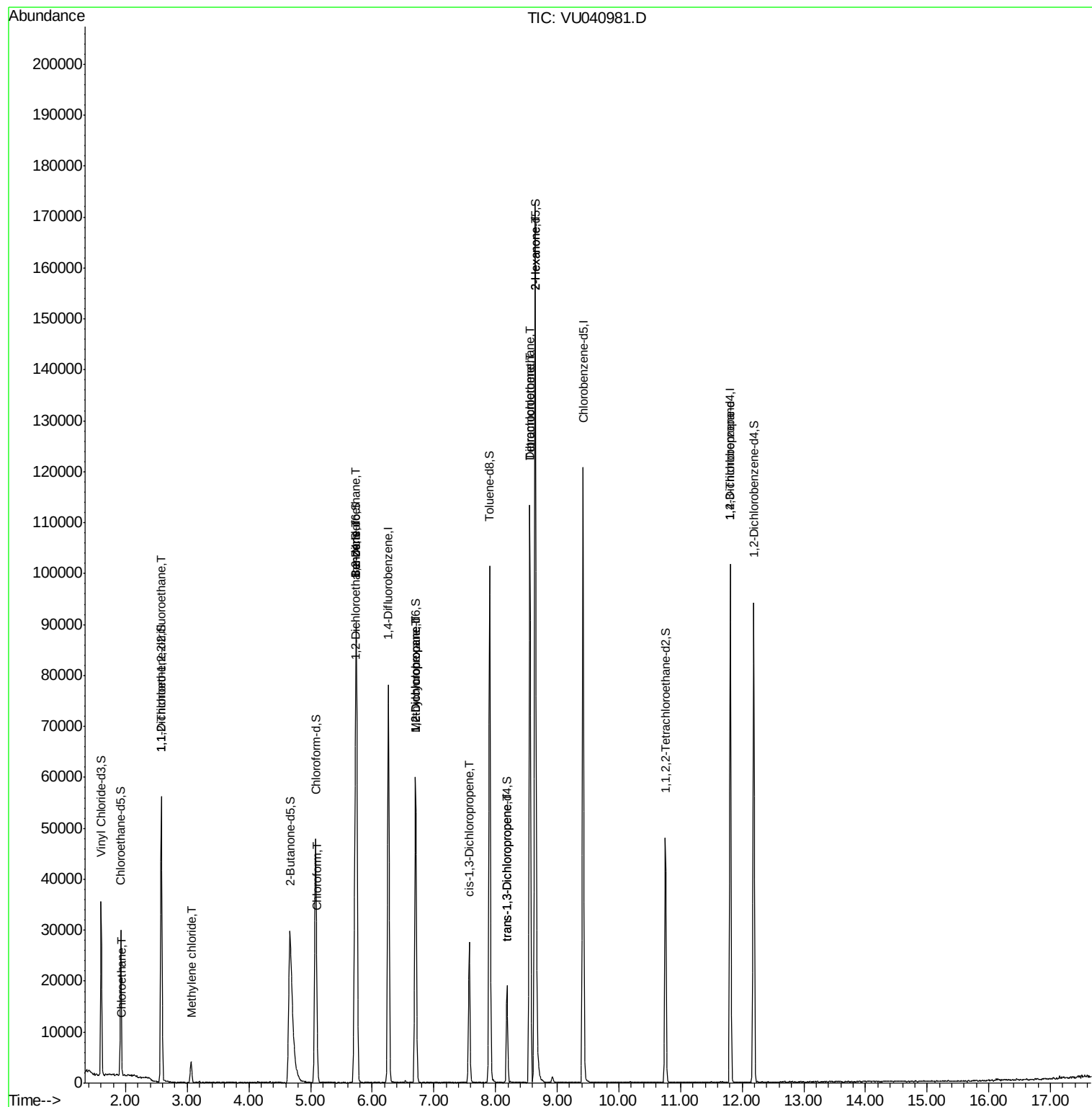
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	155	0.046	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	197	0.046	ug/L #	22
16) Methylene chloride	3.06	84	1967	0.419	ug/L	87
25) Chloroform	5.11	83	965	0.118	ug/L	95
27) 1,2-Dichloroethane	5.75	62	422	0.069	ug/L #	74
33) Benzene	5.75	78	494	0.027	ug/L	100
35) Methylcyclohexane	6.70	83	6086	0.871	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2932	0.589	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	701	0.102	ug/L #	75
44) trans-1,3-Dichloropropene	8.18	75	474	0.074	ug/L	91
47) Tetrachloroethene	8.56	164	23245	6.747	ug/L	96
48) 2-Hexanone	8.64	43	9541	3.190	ug/L #	55
49) Dibromochloromethane	8.56	129	23418	5.438	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3336	0.899	ug/L	91

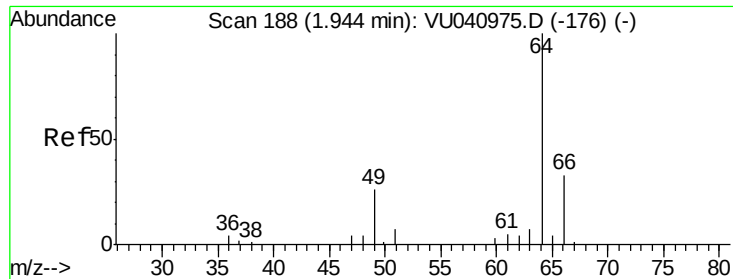
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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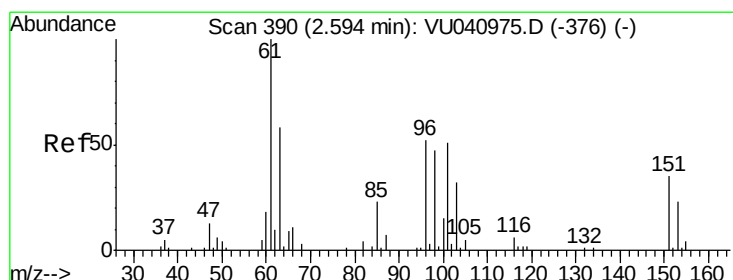
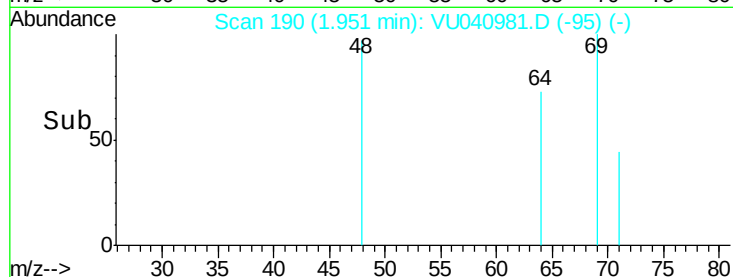
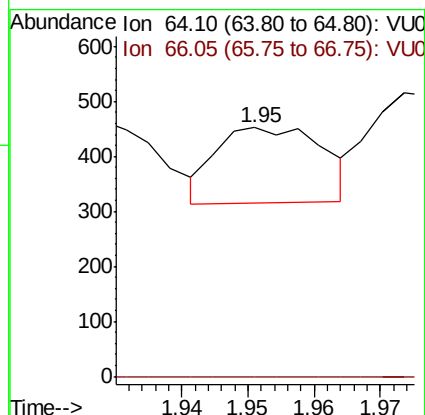
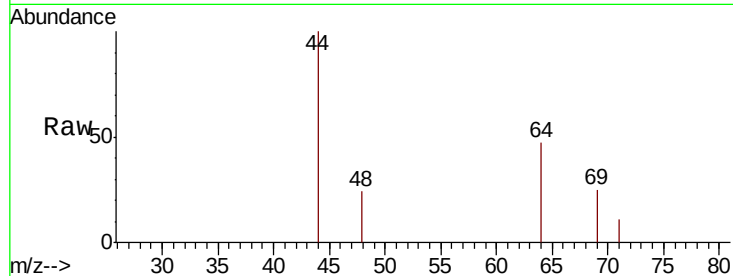




#8
Chloroethane
Concen: 0.046 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

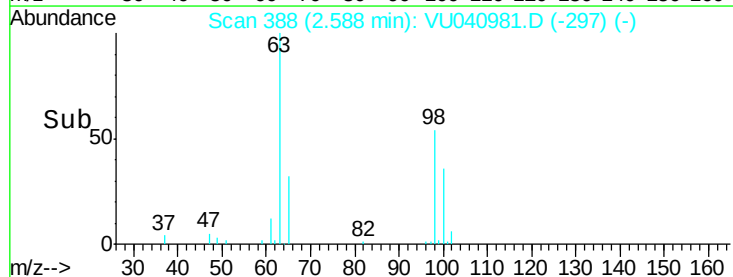
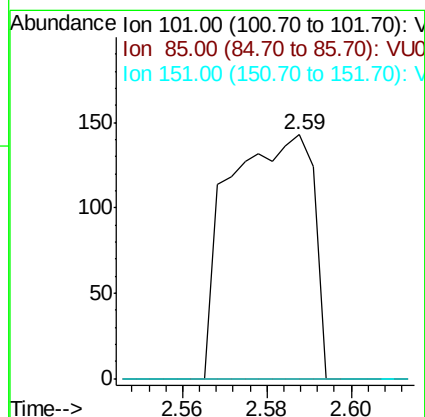
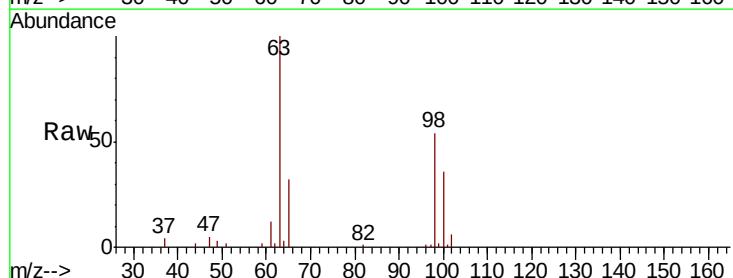
Instrument :
MSVOA_U
ClientSampled :
C0AP6DL

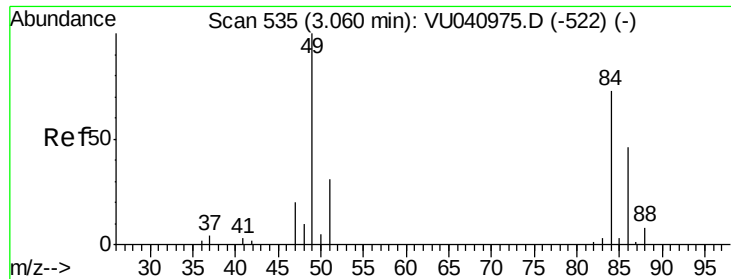
Tot Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

Tgt Ion:101 Resp: 197
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 0.0 55.3 82.9#

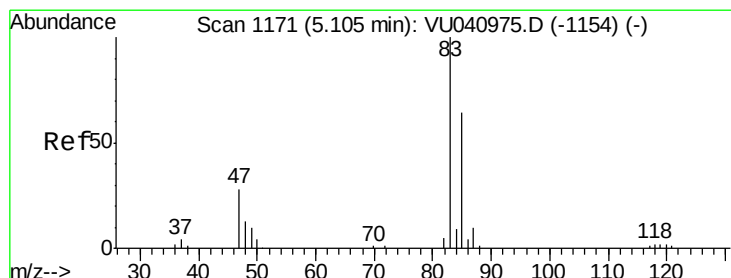
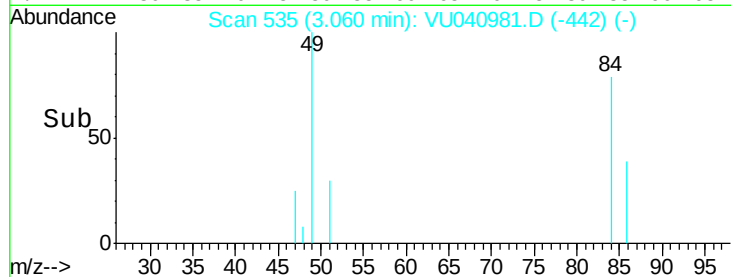
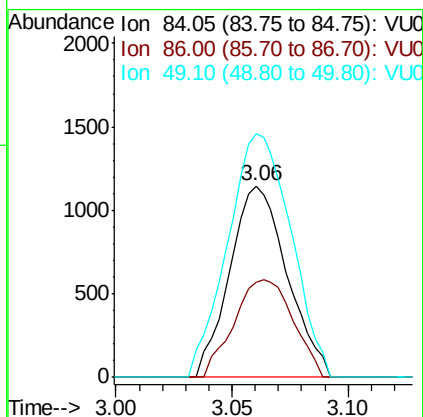
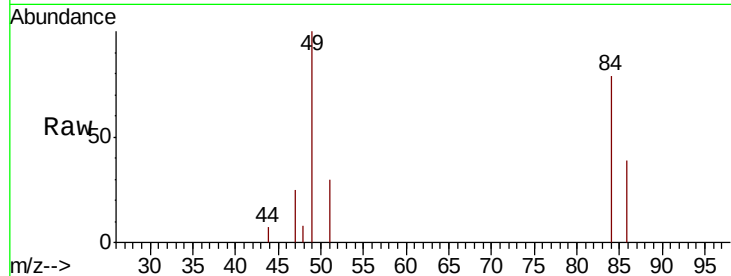




#16
Methvlene chloride
Concen: 0.419 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

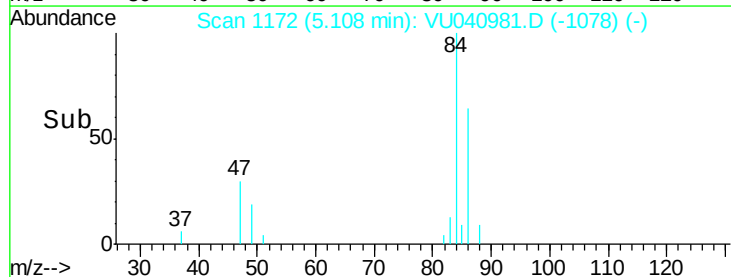
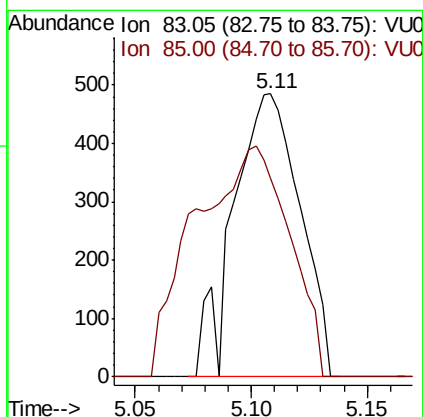
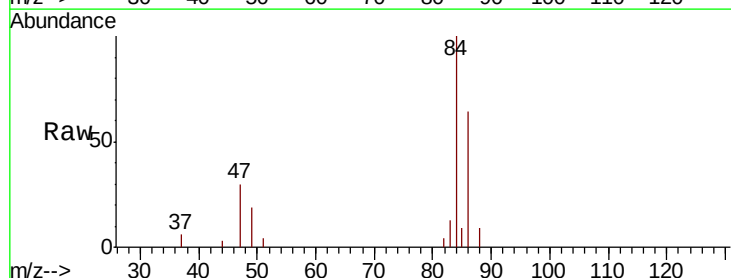
Instrument :
MSVOA_U
ClientSampleId :
C0AP6DL

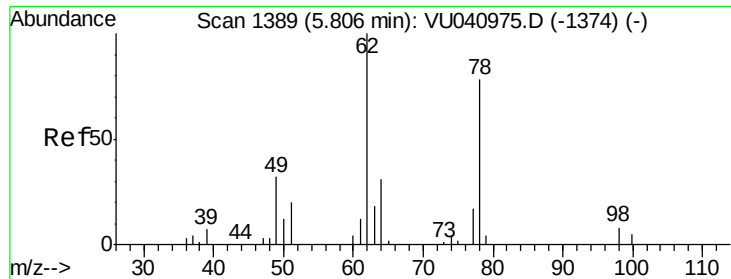
Tot Ion: 84 Resp: 1967
Ion Ratio Lower Upper
84 100
86 49.9 42.8 79.6
49 127.3 99.5 184.7



#25
Chloroform
Concen: 0.118 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

Tgt Ion: 83 Resp: 965
Ion Ratio Lower Upper
83 100
85 70.1 46.1 85.7

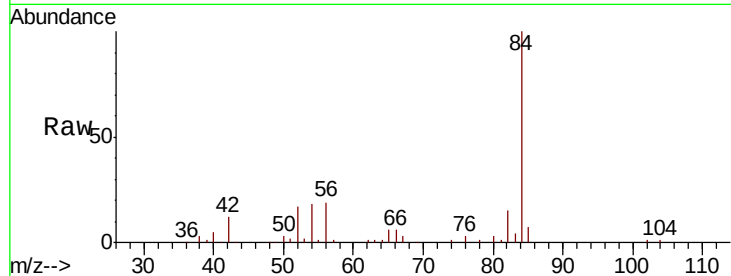




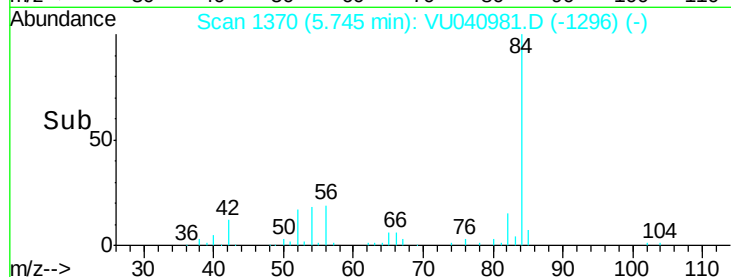
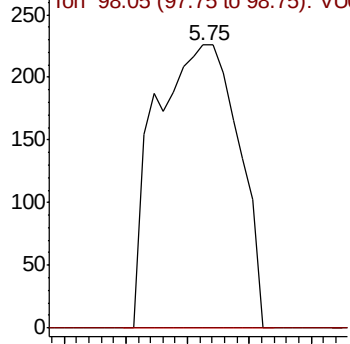
#27
 1,2-Dichloroethane
 Concen: 0.069 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040981.D
 Acq: 27 Oct 2020 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6DL

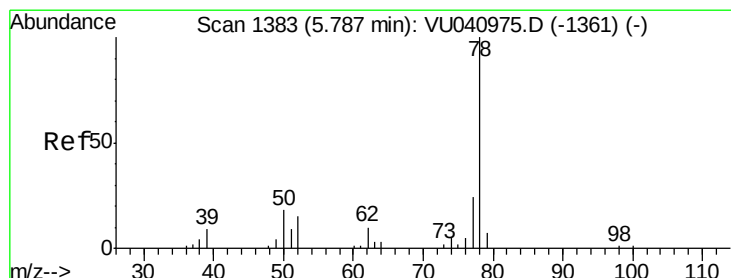
Tot Ion: 62 Resp: 422
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

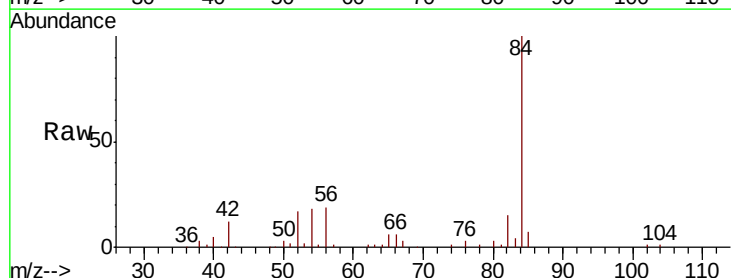


Time-->

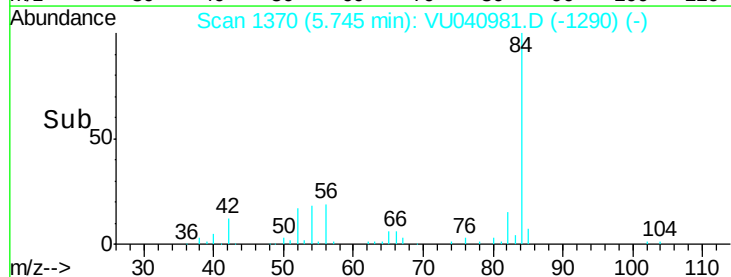
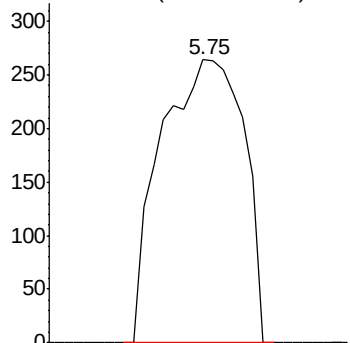


#33
 Benzene
 Concen: 0.027 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU040981.D
 Acq: 27 Oct 2020 14:16

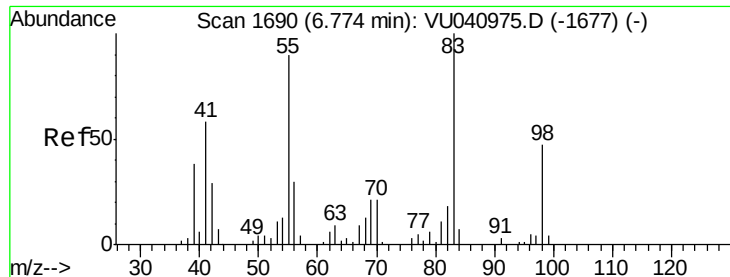
Tgt Ion: 78 Resp: 494



Abundance Ion 78.10 (77.80 to 78.80): VU0



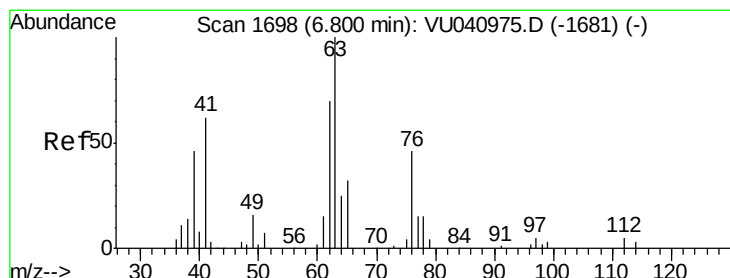
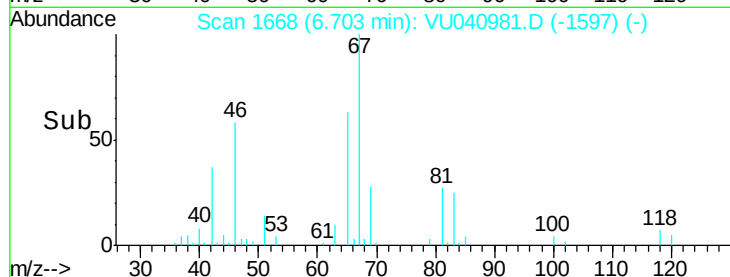
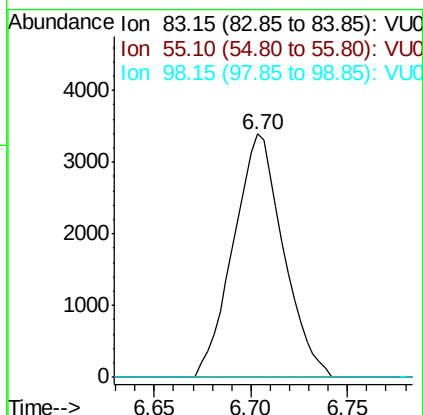
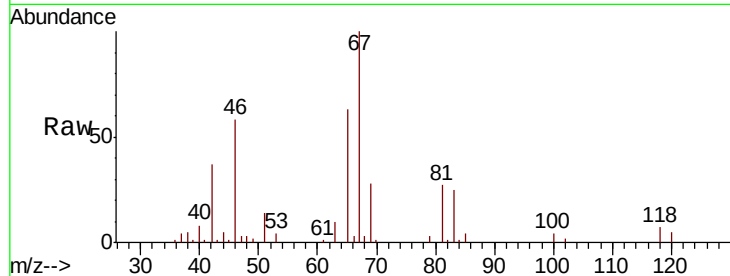
Time-->



#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

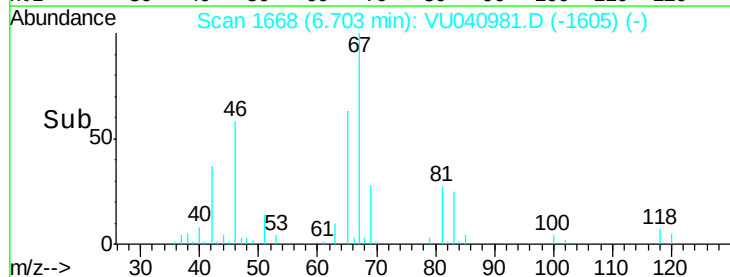
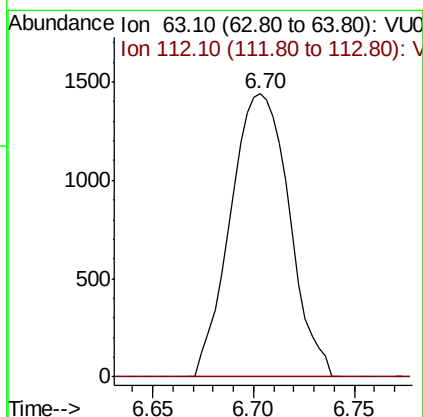
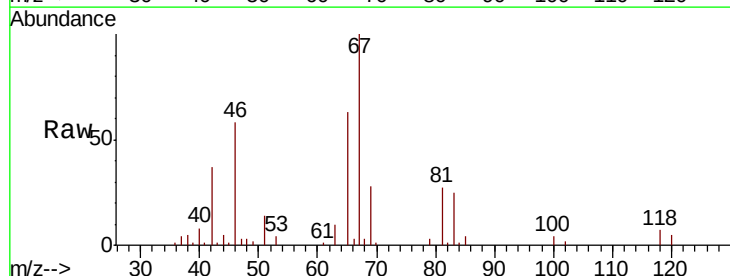
Instrument :
MSVOA_U
ClientSampleId :
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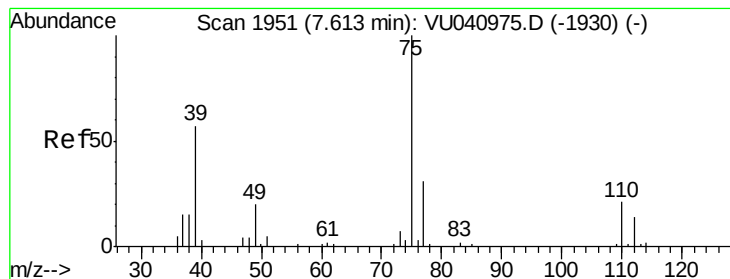
Tot Ion: 83 Resp: 6086
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 1.1 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040981.D
Acq: 27 Oct 2020 14:16

Tgt Ion: 63 Resp: 2932
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040981.D

Acq: 27 Oct 2020 14:16

Instrument :

MSVOA_U

ClientSampled :

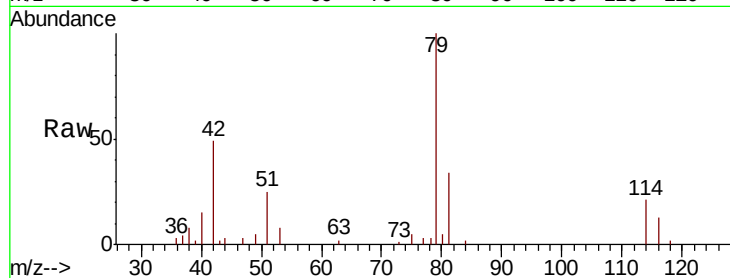
C0AP6DL

Tot Ion: 75 Resp: 701

Ion Ratio Lower Upper

75 100

77 46.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.58

400

300

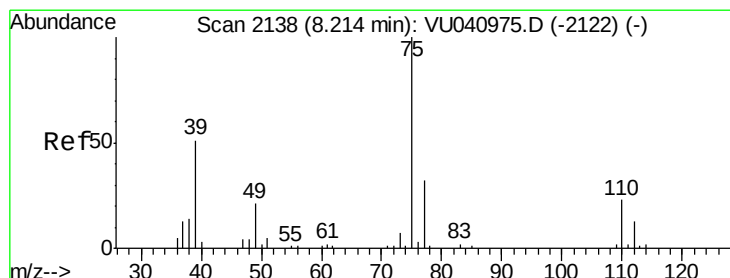
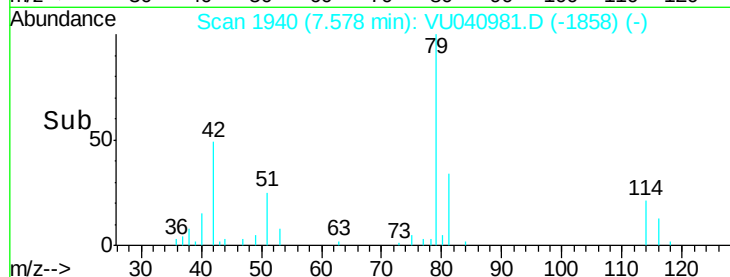
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040981.D

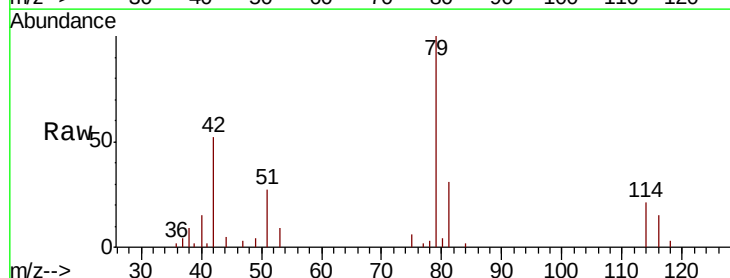
Acq: 27 Oct 2020 14:16

Tgt Ion: 75 Resp: 474

Ion Ratio Lower Upper

75 100

77 38.5 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

400

300

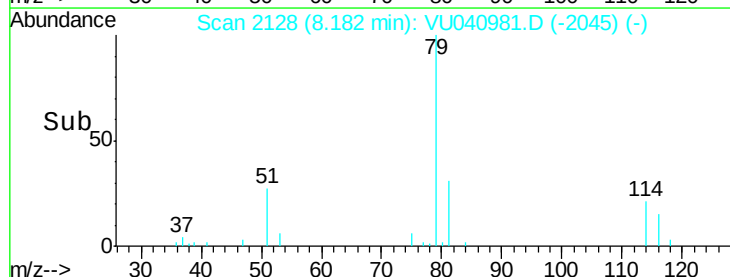
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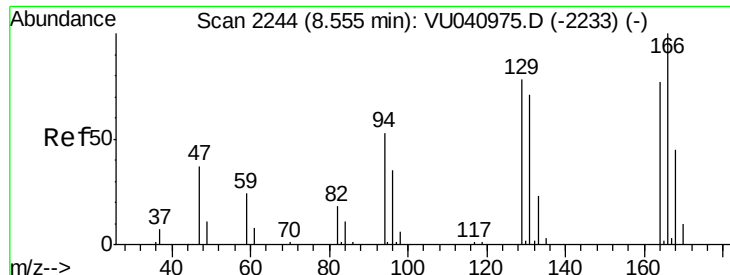
100

0

8.16 8.18 8.20 8.22

Time-->





#47

Tetrachloroethene

Concen: 6.747 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040981.D

Acq: 27 Oct 2020 14:16

Instrument :

MSVOA_U

ClientSampleId :

C0AP6DL

Tot Ion:164 Resp: 23245

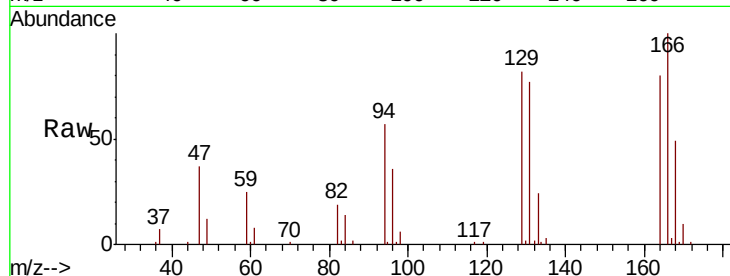
Ion Ratio Lower Upper

164 100

129 102.2 70.3 130.7

131 96.0 70.8 131.4

166 125.2 92.0 170.8

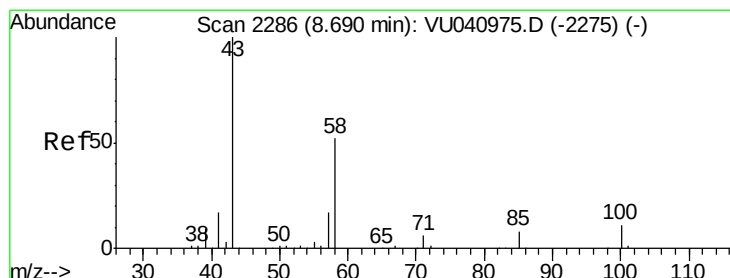
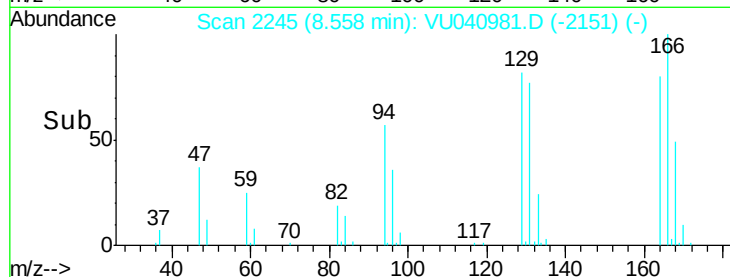
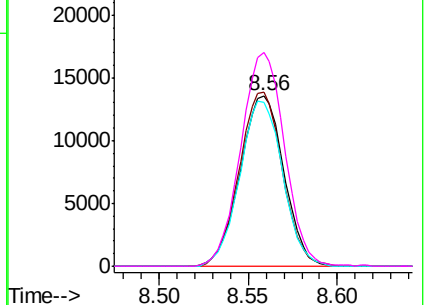


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.190 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040981.D

Acq: 27 Oct 2020 14:16

Tgt Ion: 43 Resp: 9541

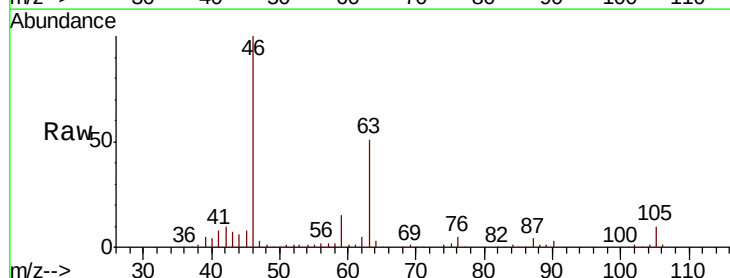
Ion Ratio Lower Upper

43 100

58 10.3 41.4 62.2#

57 26.0 14.6 21.8#

100 1.3 8.3 12.5#

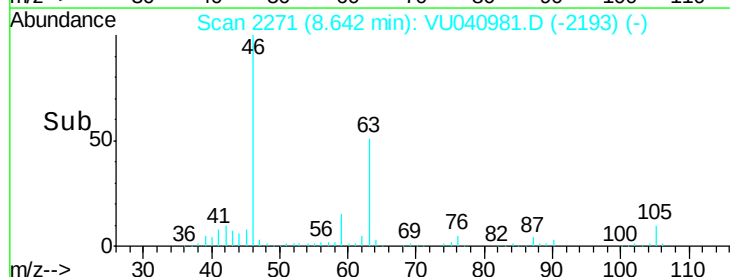
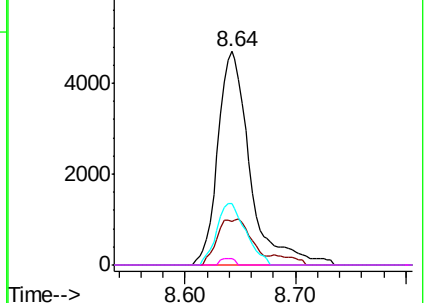


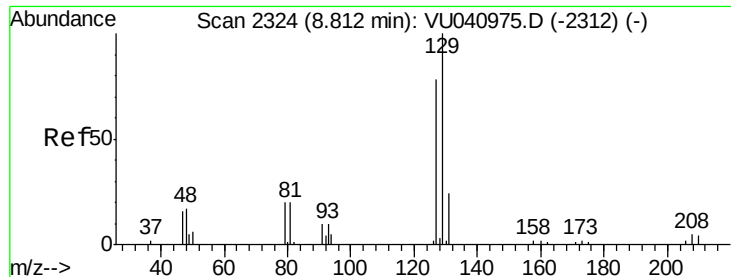
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 5.438 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040981.D

Acq: 27 Oct 2020 14:16

Instrument :

MSVOA_U

ClientSampleId :

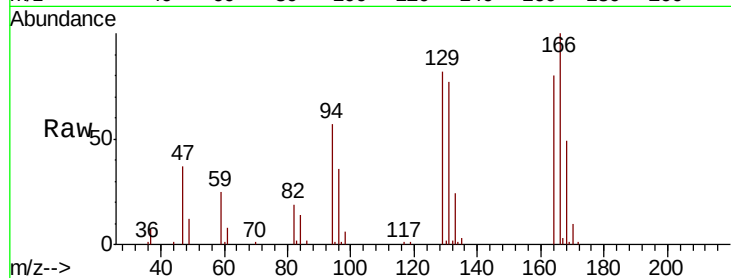
C0AP6DL

Tot Ion:129 Resp: 23418

Ion Ratio Lower Upper

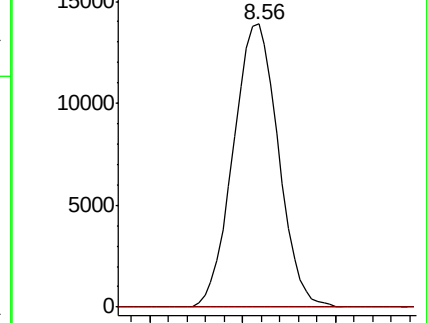
129 100

127 0.0 53.4 99.2#

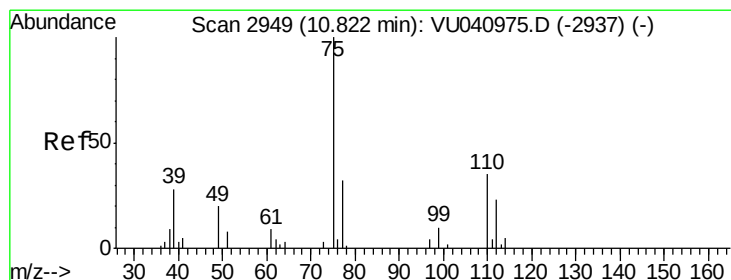
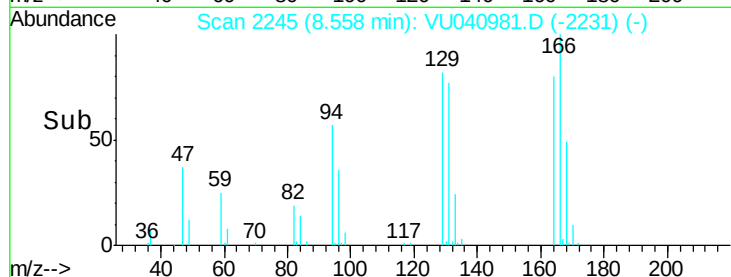


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.899 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040981.D

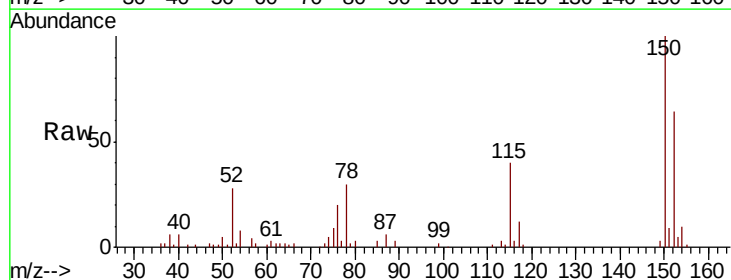
Acq: 27 Oct 2020 14:16

Tgt Ion: 75 Resp: 3336

Ion Ratio Lower Upper

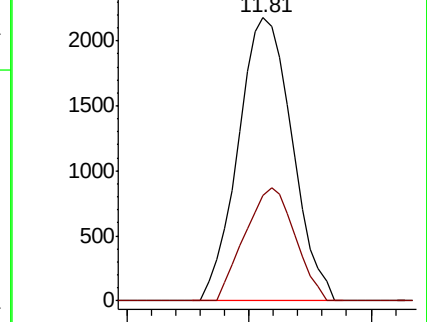
75 100

77 37.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

