

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040478.D
 Acq On : 03 Oct 2020 14:42
 Operator : SY/MD
 Sample : VU1003WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK22

Quant Time: Oct 05 01:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129216	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55996	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34187	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.93	69	29104	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	54295	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	137141	43.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.32%
24) Chloroform-d	5.08	84	71295	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	44041	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	137068	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	46561	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	114000	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.19	79	18828	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	93271	40.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41211	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43658	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

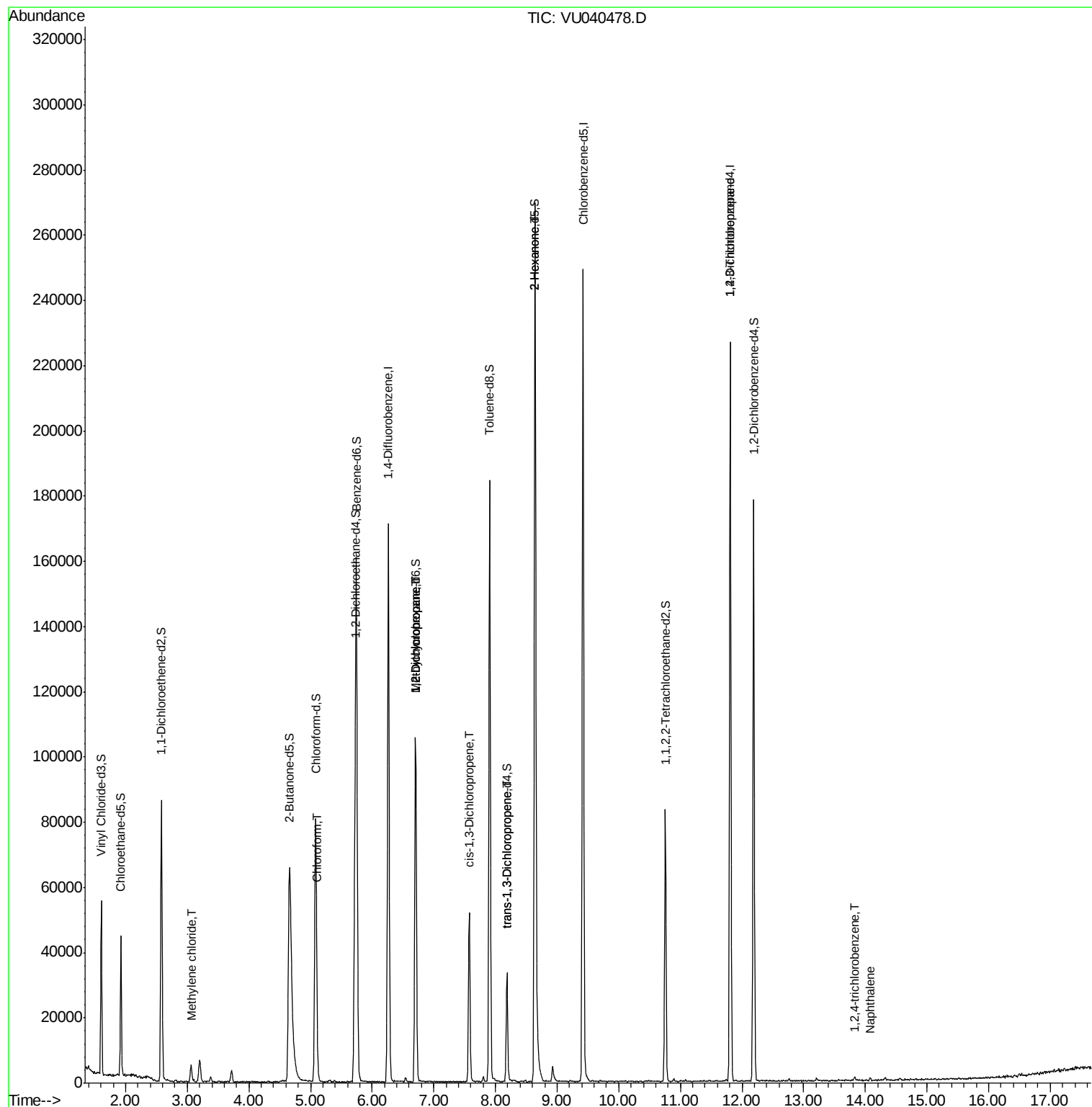
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2621	0.212	ug/L	88
25) Chloroform	5.11	83	3920	0.184	ug/L	92
35) Methylcyclohexane	6.71	83	10670	0.630	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5668	0.468	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1321	0.081	ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	904	0.060	ug/L #	57
48) 2-Hexanone	8.64	43	12562	1.796	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	7528	0.857	ug/L #	88
68) 1,2,4-trichlorobenzene	13.83	180	500	0.047	ug/L #	79
69) Naphthalene	14.08	128	915	0.050	ug/L #	87

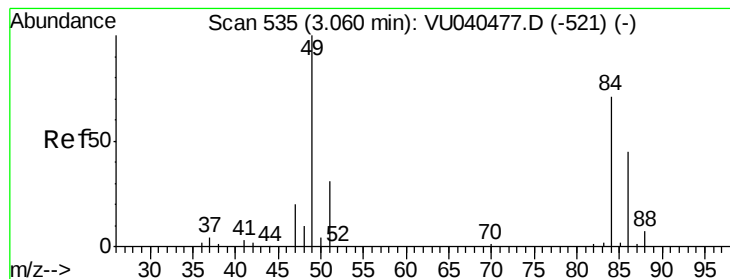
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.212 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040478.D

Acq: 03 Oct 2020 14:42

Instrument :

MSVOA_U

ClientSampleId :

VBLK22

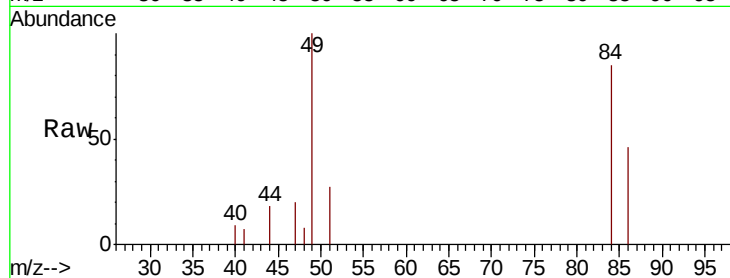
Tot Ion: 84 Resp: 2621

Ion Ratio Lower Upper

84 100

86 54.7 44.4 82.5

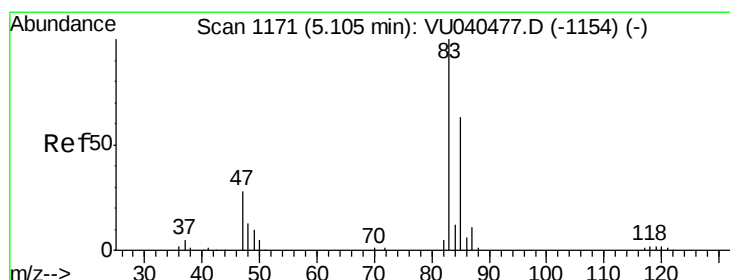
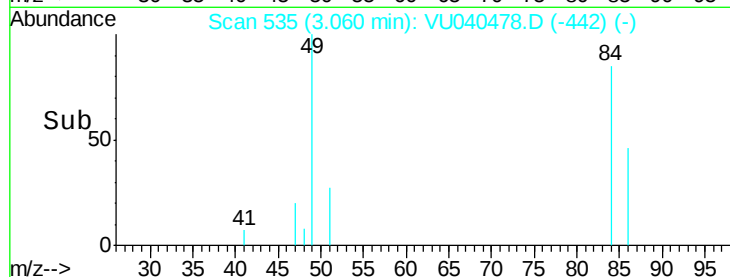
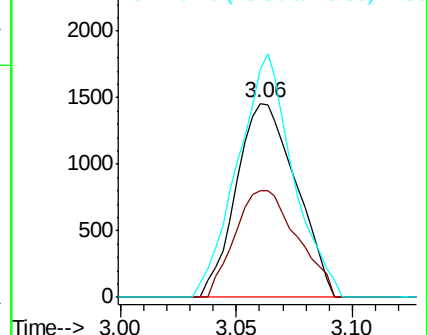
49 117.9 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040478.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040478.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040478.D (-442) (-)



#25

Chloroform

Concen: 0.184 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040478.D

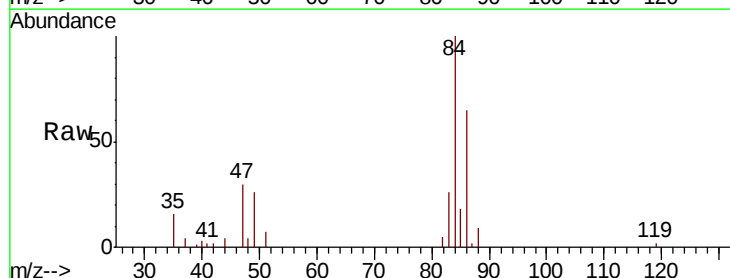
Acq: 03 Oct 2020 14:42

Tgt Ion: 83 Resp: 3920

Ion Ratio Lower Upper

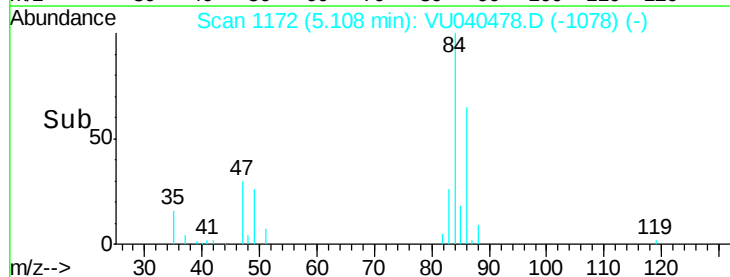
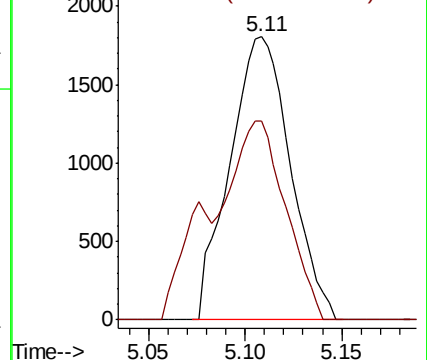
83 100

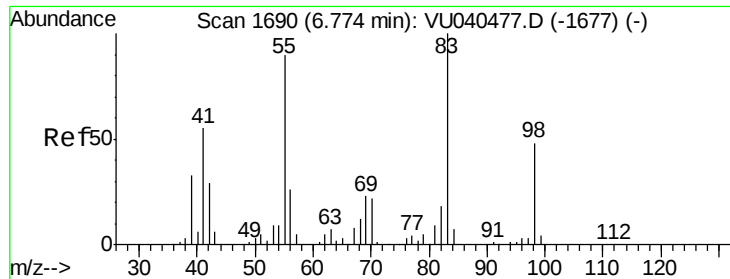
85 70.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040478.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040478.D (-1078) (-)

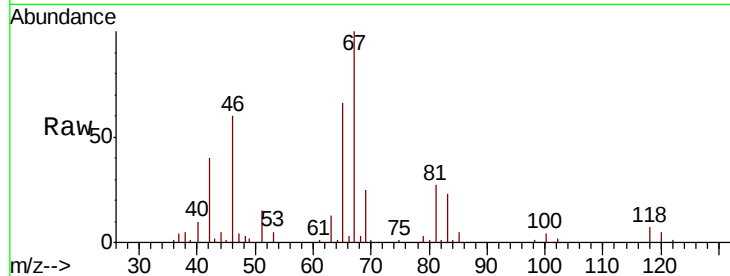




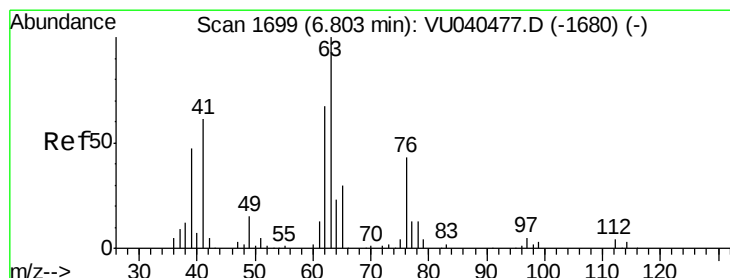
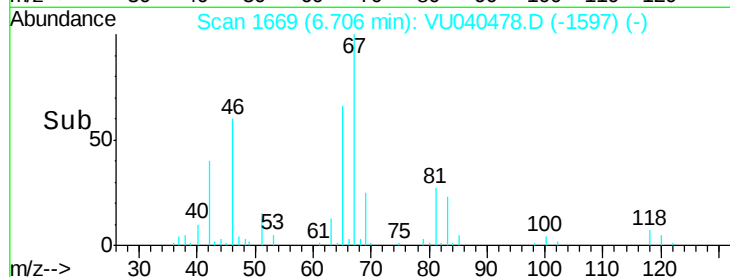
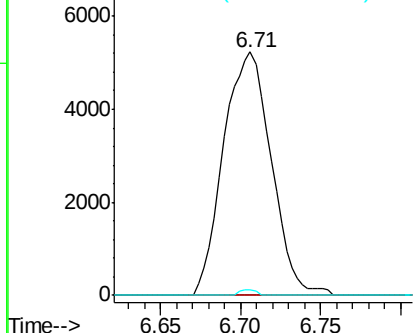
#35
Methvlcvclohexane
Concen: 0.630 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040478.D
Acq: 03 Oct 2020 14:42

Instrument :
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VBLK22

Tot Ion: 83 Resp: 10670
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.8 38.5 57.7#

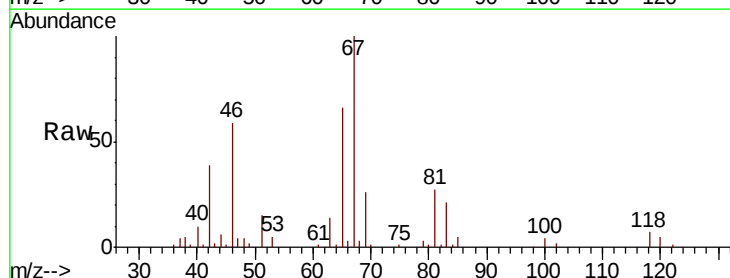


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

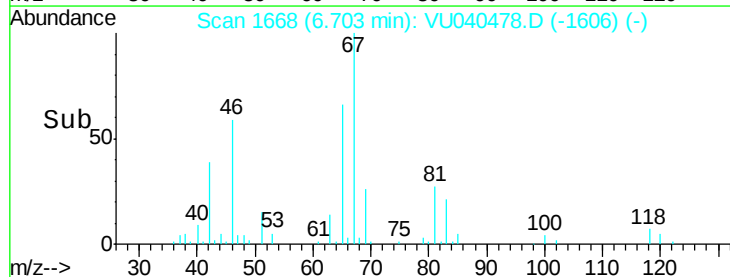
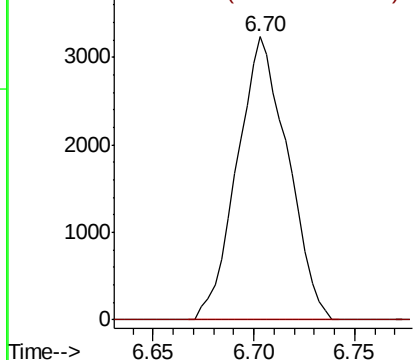


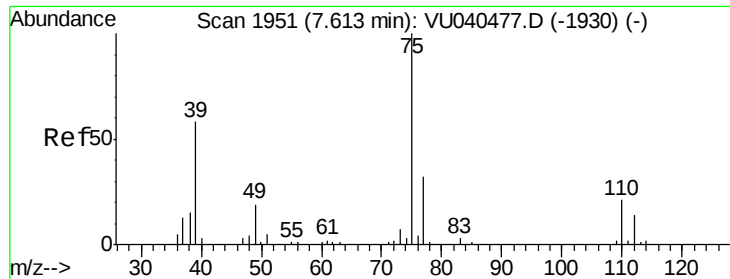
#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040478.D
Acq: 03 Oct 2020 14:42

Tgt Ion: 63 Resp: 5668
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



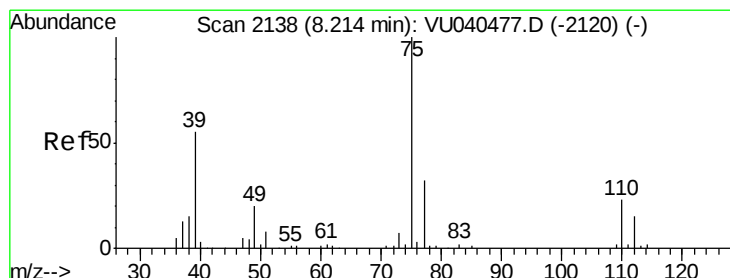
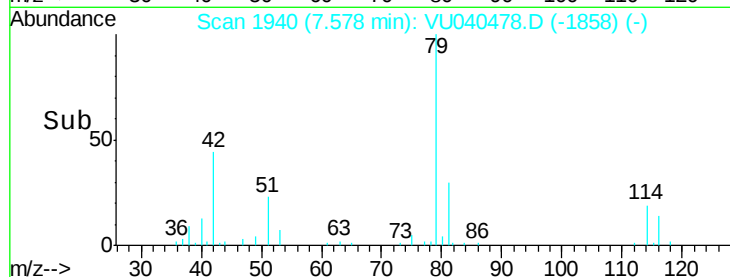
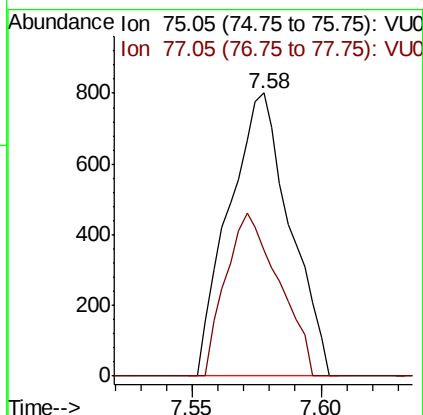
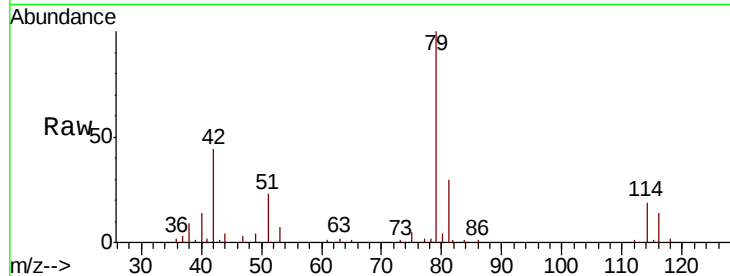


#39

cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040478.D
Acq: 03 Oct 2020 14:42

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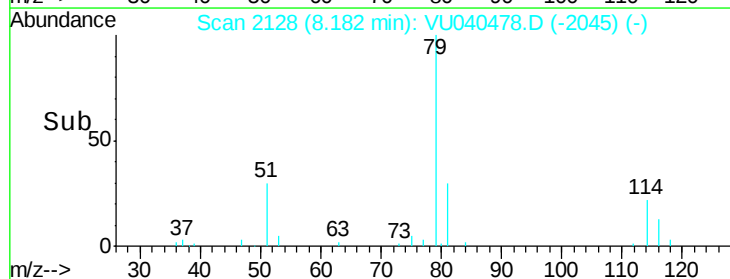
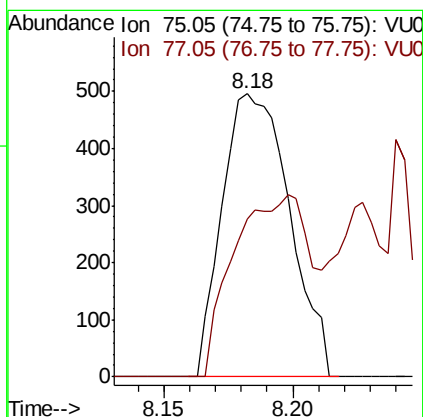
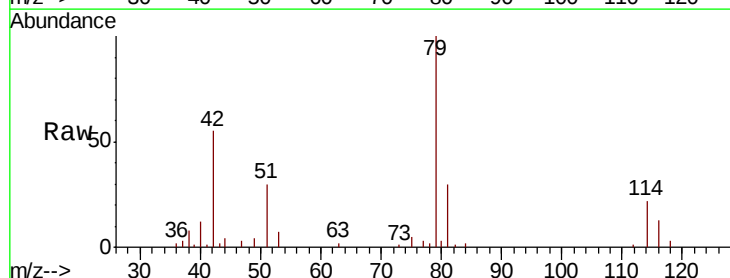
Tot Ion: 75 Resp: 1321
Ion Ratio Lower Upper
75 100
77 44.3 23.5 43.7#

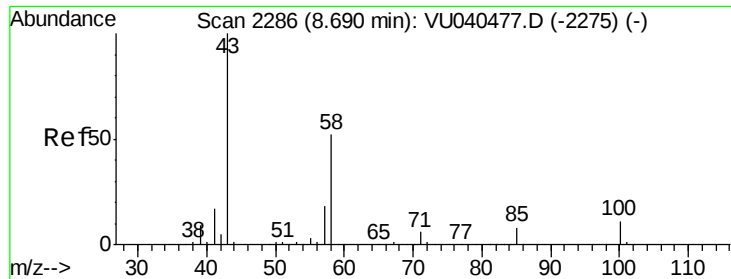


#44

trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040478.D
Acq: 03 Oct 2020 14:42

Tgt Ion: 75 Resp: 904
Ion Ratio Lower Upper
75 100
77 55.8 22.3 41.3#

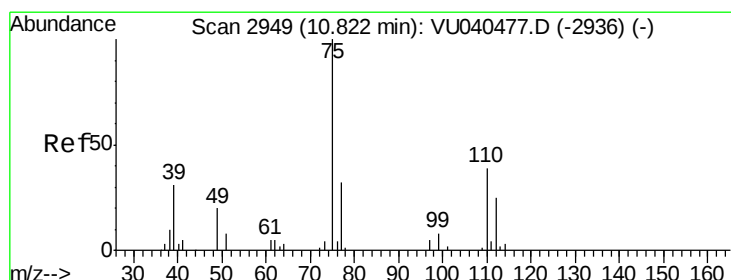
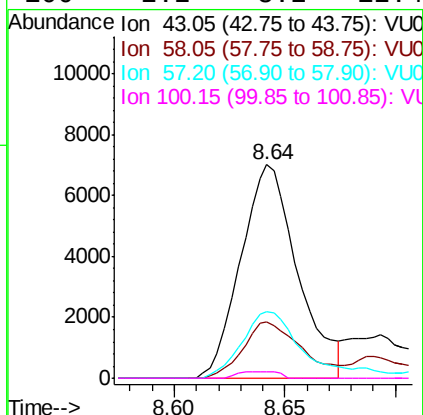
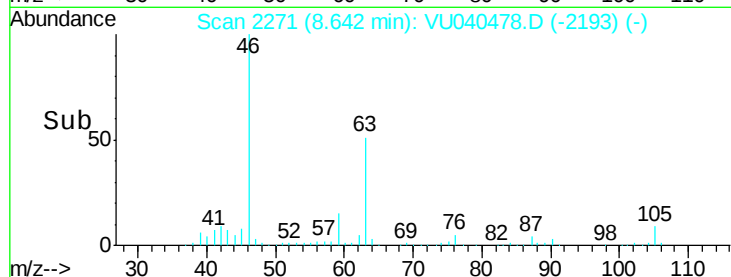
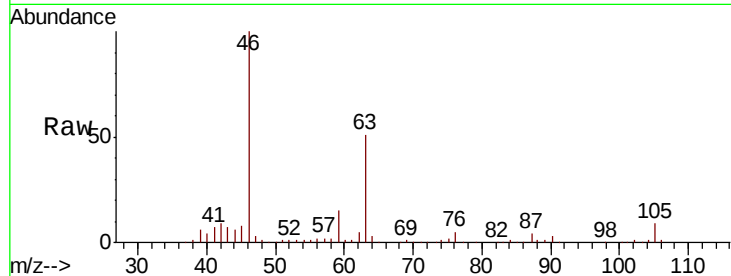




#48
 2-Hexanone
 Concen: 1.796 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040478.D
 Acq: 03 Oct 2020 14:42

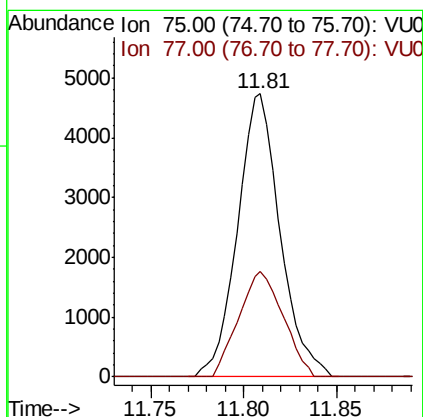
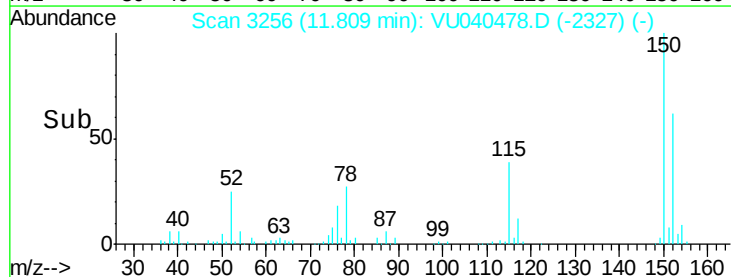
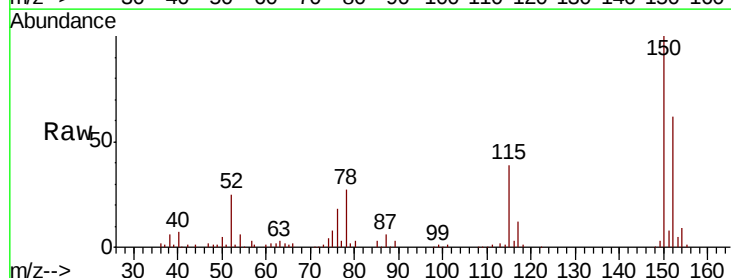
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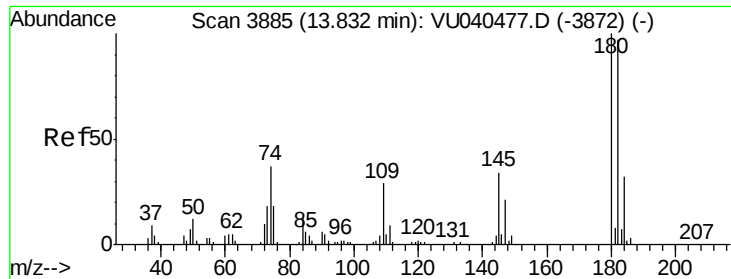
Tot Ion: 43 Resp: 12562
 Ion Ratio Lower Upper
 43 100
 58 27.7 41.0 61.4#
 57 34.2 14.6 22.0#
 100 2.2 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.857 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040478.D
 Acq: 03 Oct 2020 14:42

Tgt Ion: 75 Resp: 7528
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.7 38.5#

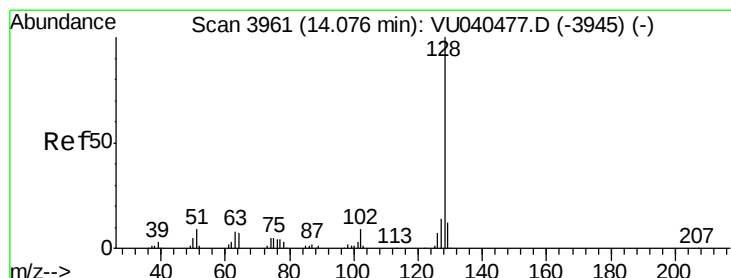
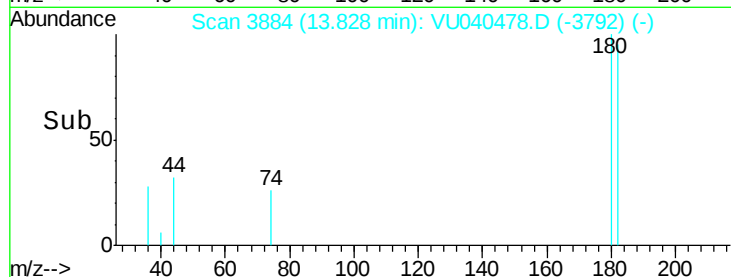
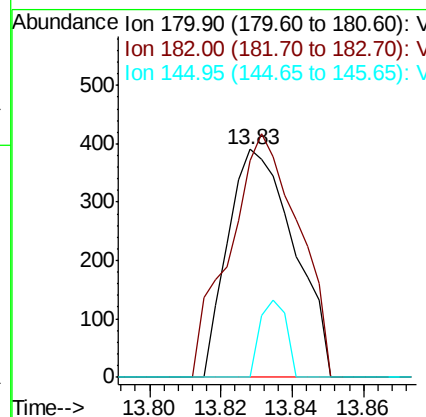
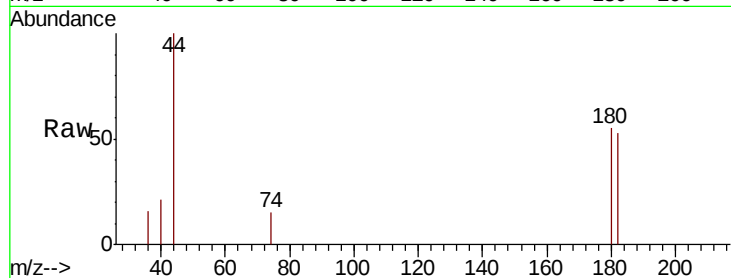




#68
 1,2,4-trichlorobenzene
 Concen: 0.047 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040478.D
 Acq: 03 Oct 2020 14:42

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 MSVOA_U
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 VBLK22

Tot Ion:180 Resp: 500
 Ion Ratio Lower Upper
 180 100
 182 111.6 76.6 115.0
 145 13.4 26.3 39.5#



#69
 Naphthalene
 Concen: 0.050 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. -0.00 min
 Lab File: VU040478.D
 Acq: 03 Oct 2020 14:42

Tgt Ion:128 Resp: 915
 Ion Ratio Lower Upper
 128 100
 129 2.3 8.2 12.4#
 127 15.4 10.2 15.4#

